

**Semivolatile Organics Analysis
QC Raw Data**

**prepared
for**

ANCHOR ENVIRONMENTAL

KC FORMER SCOTT MILL , 00010501/T2

ARI JOB NO. IH29

**prepared
by**

Analytical Resources, Inc.

Date : 18-JUL-2005 15:03

Client ID:

Instrument: nt6.i

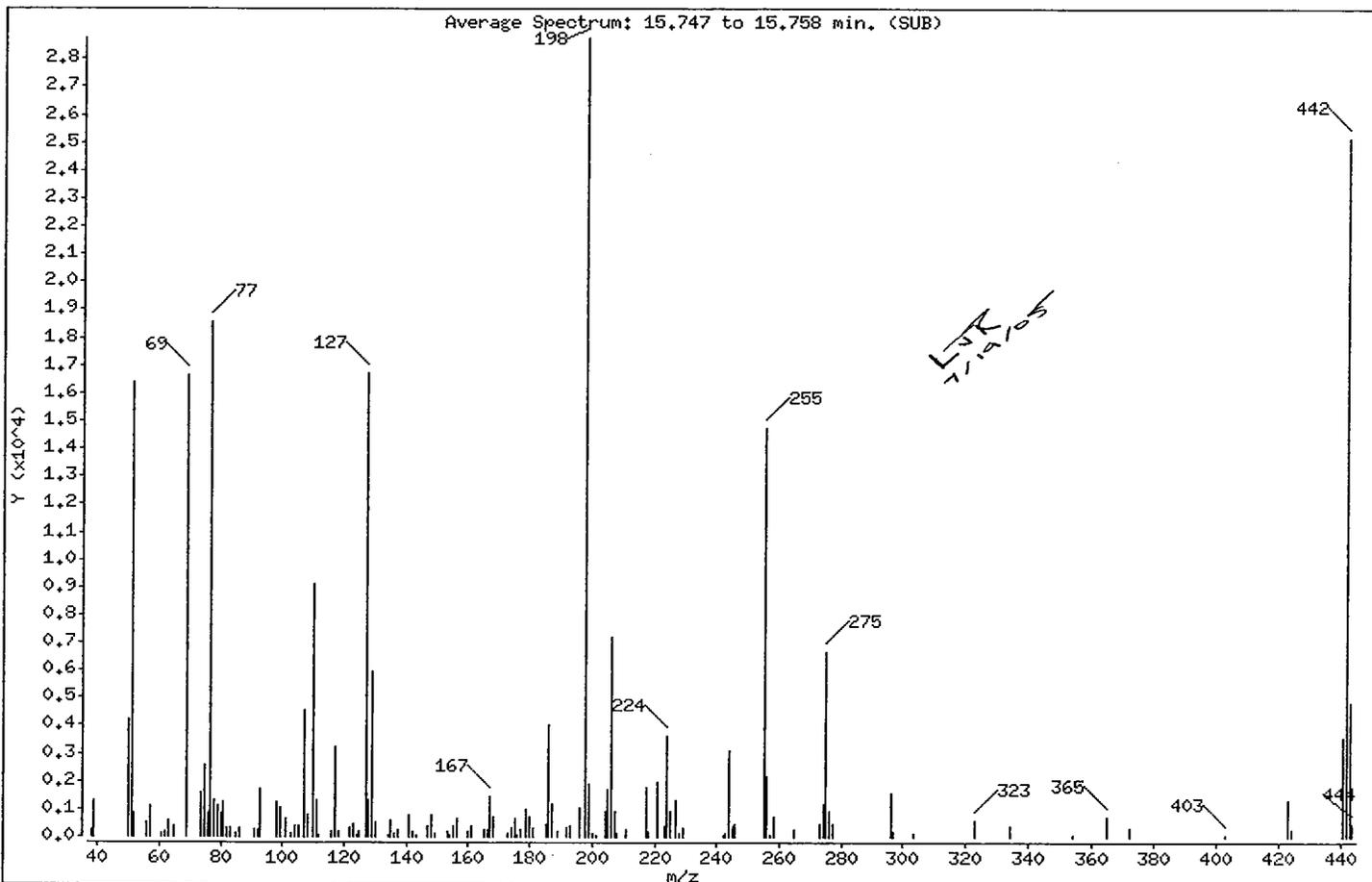
Sample Info: ABN 25

Operator: LJR

Column phase: RTX-5

Column diameter: 0.32

1 dftpp



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
198	Base Peak, 100% relative abundance	100.00
51	30.00 - 80.00% of mass 198	56.93
68	Less than 2.00% of mass 69	0.00 (0.00)
69	Mass 69 relative abundance	57.88
70	Less than 2.00% of mass 69	0.00 (0.00)
127	25.00 - 75.00% of mass 198	58.18
197	Less than 1.00% of mass 198	0.00
199	5.00 - 9.00% of mass 198	6.75
275	10.00 - 30.00% of mass 198	23.11
365	Greater than 0.75% of mass 198	2.50
441	Present, but less than mass 443	12.37
442	40.00 - 110.00% of mass 198	87.51
443	15.00 - 24.00% of mass 442	16.88 (19.29)

Date : 18-JUL-2005 15:03

Client ID:

Instrument: nt6.i

Sample Info: ABN 25

Operator: LJR

Column phase: RTX-5

Column diameter: 0.32

Data File: 0250718.d

Spectrum: Average Spectrum: 15.747 to 15.758 min. (SUB)

Location of Maximum: 198.00

Number of points: 133

m/z	Y	m/z	Y	m/z	Y	m/z	Y
38.00	245	108.00	812	168.00	713	229.00	325
39.00	1344	110.00	9096	173.00	152	242.00	85
50.00	4229	111.00	1317	174.00	313	243.00	163
51.00	16366	112.00	67	175.00	635	244.00	3124
52.00	827	116.00	196	176.00	74	245.00	396
56.00	513	117.00	3209	177.00	276	246.00	488
57.00	1122	118.00	204	179.00	994	255.00	14759
61.00	157	122.00	325	180.00	697	256.00	2159
62.00	179	123.00	483	181.00	323	257.00	71
63.00	612	124.00	80	185.00	490	258.00	703
65.00	384	125.00	169	186.00	4023	265.00	271
69.00	16640	127.00	16720	187.00	1195	273.00	436
74.00	1566	128.00	1308	189.00	229	274.00	1221
75.00	2572	129.00	5970	192.00	301	275.00	6643
76.00	871	130.00	514	193.00	371	276.00	903
77.00	18600	134.00	79	196.00	1088	277.00	488
78.00	1350	135.00	567	198.00	28744	296.00	1582
79.00	1144	136.00	151	199.00	1941	297.00	227
80.00	863	137.00	261	200.00	139	303.00	156
81.00	1235	141.00	779	201.00	80	323.00	583
82.00	322	142.00	193	204.00	930	334.00	372
83.00	318	143.00	70	205.00	1689	354.00	85
85.00	162	147.00	370	206.00	7177	365.00	720
86.00	332	148.00	810	207.00	958	372.00	312
91.00	255	149.00	147	208.00	163	403.00	84
92.00	291	153.00	170	211.00	281	423.00	1339
93.00	1712	154.00	74	217.00	1782	424.00	289
98.00	1276	155.00	399	218.00	179	441.00	3555
99.00	1034	156.00	652	221.00	1991	442.00	25152
101.00	631	160.00	184	223.00	388	443.00	4854
103.00	149	161.00	364	224.00	3641	444.00	438
104.00	405	165.00	292	225.00	929		
105.00	386	166.00	281	227.00	1349		
107.00	4564	167.00	1485	228.00	157		

Date : 18-JUL-2005 15:03

Client ID:

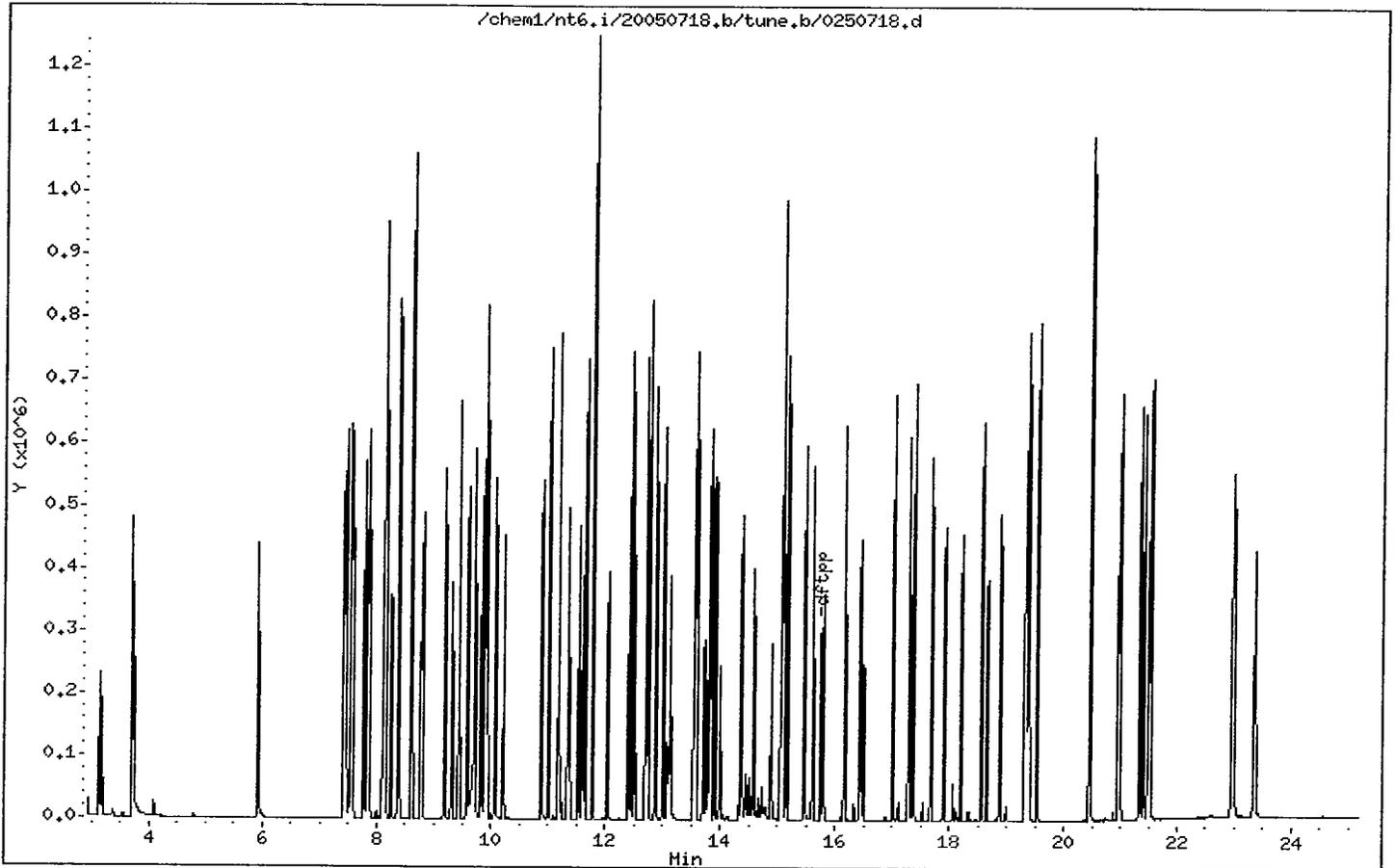
Instrument: nt6.i

Sample Info: ABN 25

Operator: LJR

Column phase: RTX-5

Column diameter: 0.32



Date: 29-JUL-2005 15:44

Client ID:

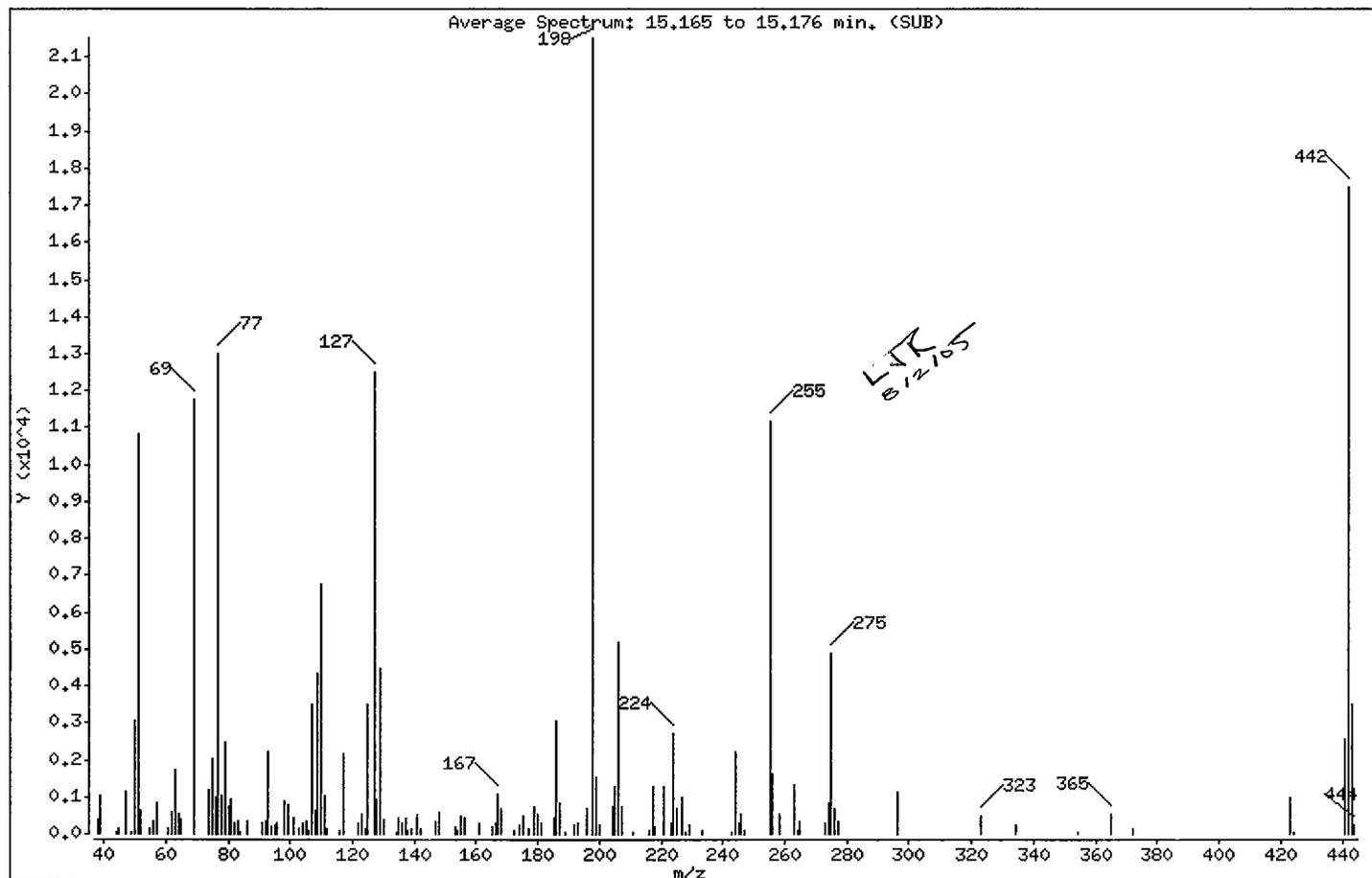
Instrument: nt6.i

Sample Info: ABN 25

Operator: LJR

Column phase: RTX-5
1 dftpp

Column diameter: 0.32



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
198	Base Peak, 100% relative abundance	100.00
51	30.00 - 80.00% of mass 198	50.43
68	Less than 2.00% of mass 69	0.00 < 0.00
69	Mass 69 relative abundance	54.79
70	Less than 2.00% of mass 69	0.00 < 0.00
127	25.00 - 75.00% of mass 198	58.06
197	Less than 1.00% of mass 198	0.00
199	5.00 - 9.00% of mass 198	7.09
275	10.00 - 30.00% of mass 198	22.76
365	Greater than 0.75% of mass 198	2.53
441	Present, but less than mass 443	11.84
442	40.00 - 110.00% of mass 198	81.30
443	15.00 - 24.00% of mass 442	16.25 < 19.99

Date : 29-JUL-2005 15:44

Client ID:

Instrument: nt6.i

Sample Info: ABN 25

Operator: LJR

Column phase: RTX-5

Column diameter: 0.32

Data File: cc0729.d

Spectrum: Average Spectrum: 15.165 to 15.176 min. (SUB)

Location of Maximum: 198.00

Number of points: 139

m/z	Y	m/z	Y	m/z	Y	m/z	Y
38.00	384	96.00	307	154.00	102	224.00	2733
39.00	1050	98.00	900	155.00	478	225.00	682
44.00	71	99.00	795	156.00	466	227.00	1006
45.00	127	101.00	465	161.00	279	228.00	73
47.00	1125	103.00	163	165.00	220	229.00	225
49.00	49	104.00	285	166.00	314	233.00	88
50.00	3049	105.00	337	167.00	1069	243.00	74
51.00	10845	106.00	85	168.00	710	244.00	2239
52.00	645	107.00	3512	172.00	81	245.00	300
55.00	150	108.00	624	174.00	266	246.00	547
56.00	369	109.00	4333	175.00	486	247.00	85
57.00	837	110.00	6789	177.00	141	255.00	11149
61.00	172	111.00	1033	179.00	765	256.00	1634
62.00	603	112.00	147	180.00	567	258.00	525
63.00	1735	116.00	88	181.00	278	263.00	1350
64.00	520	117.00	2161	185.00	456	264.00	104
65.00	414	122.00	288	186.00	3083	265.00	338
69.00	11782	123.00	553	187.00	850	273.00	316
74.00	1194	124.00	152	189.00	71	274.00	861
75.00	2018	125.00	3486	192.00	252	275.00	4895
76.00	966	127.00	12486	193.00	299	276.00	707
77.00	12981	128.00	951	196.00	694	277.00	349
78.00	1035	129.00	4476	198.00	21504	296.00	1145
79.00	2455	130.00	402	199.00	1524	323.00	472
80.00	762	134.00	69	200.00	243	334.00	270
81.00	916	135.00	444	204.00	765	354.00	69
82.00	292	136.00	282	205.00	1296	365.00	543
83.00	334	137.00	456	206.00	5183	372.00	171
84.00	63	138.00	80	207.00	720	423.00	990
86.00	357	139.00	131	211.00	73	424.00	74
91.00	297	141.00	555	216.00	98	441.00	2547
92.00	368	142.00	152	217.00	1274	442.00	17480
93.00	2202	147.00	324	218.00	181	443.00	3494
94.00	184	148.00	605	221.00	1271	444.00	247
95.00	237	153.00	177	223.00	291		

Date : 29-JUL-2005 15:44

Client ID:

Instrument: nt6.i

Sample Info: ABN 25

Operator: LJR

Column phase: RTX-5

Column diameter: 0.32

Data File: cc0729.d

Spectrum: Average Spectrum: 15.165 to 15.176 min. (SUB)

Location of Maximum: 198.00

Number of points: 139

m/z	Y	m/z	Y	m/z	Y	m/z	Y
+-----+-----+-----+-----+							

Date : 29-JUL-2005 15:44

Client ID:

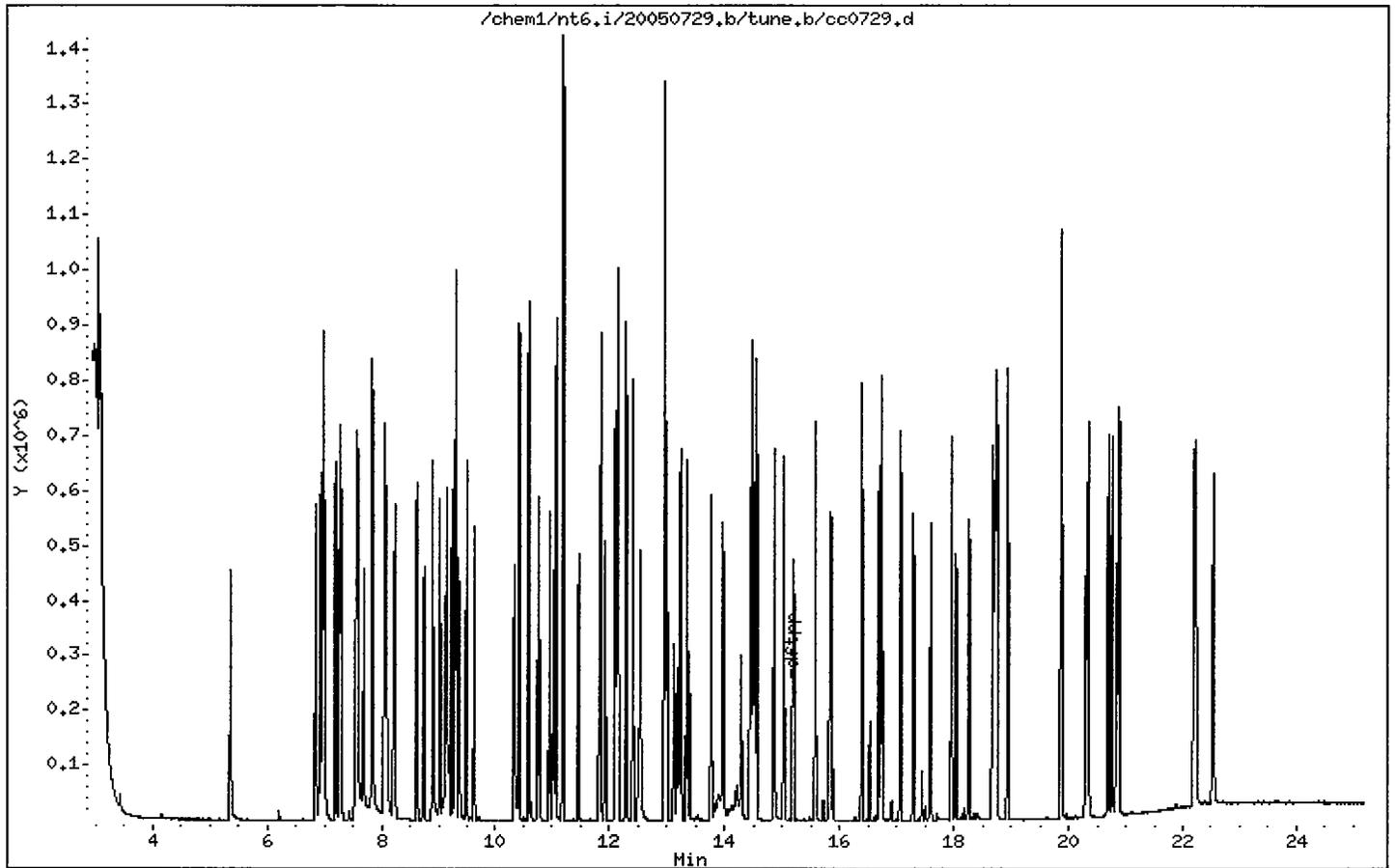
Instrument: nt6.i

Sample Info: ABN 25

Operator: LJR

Column phase: RTX-5

Column diameter: 0.32



Date : 01-AUG-2005 15:03

Client ID:

Instrument: nt6.i

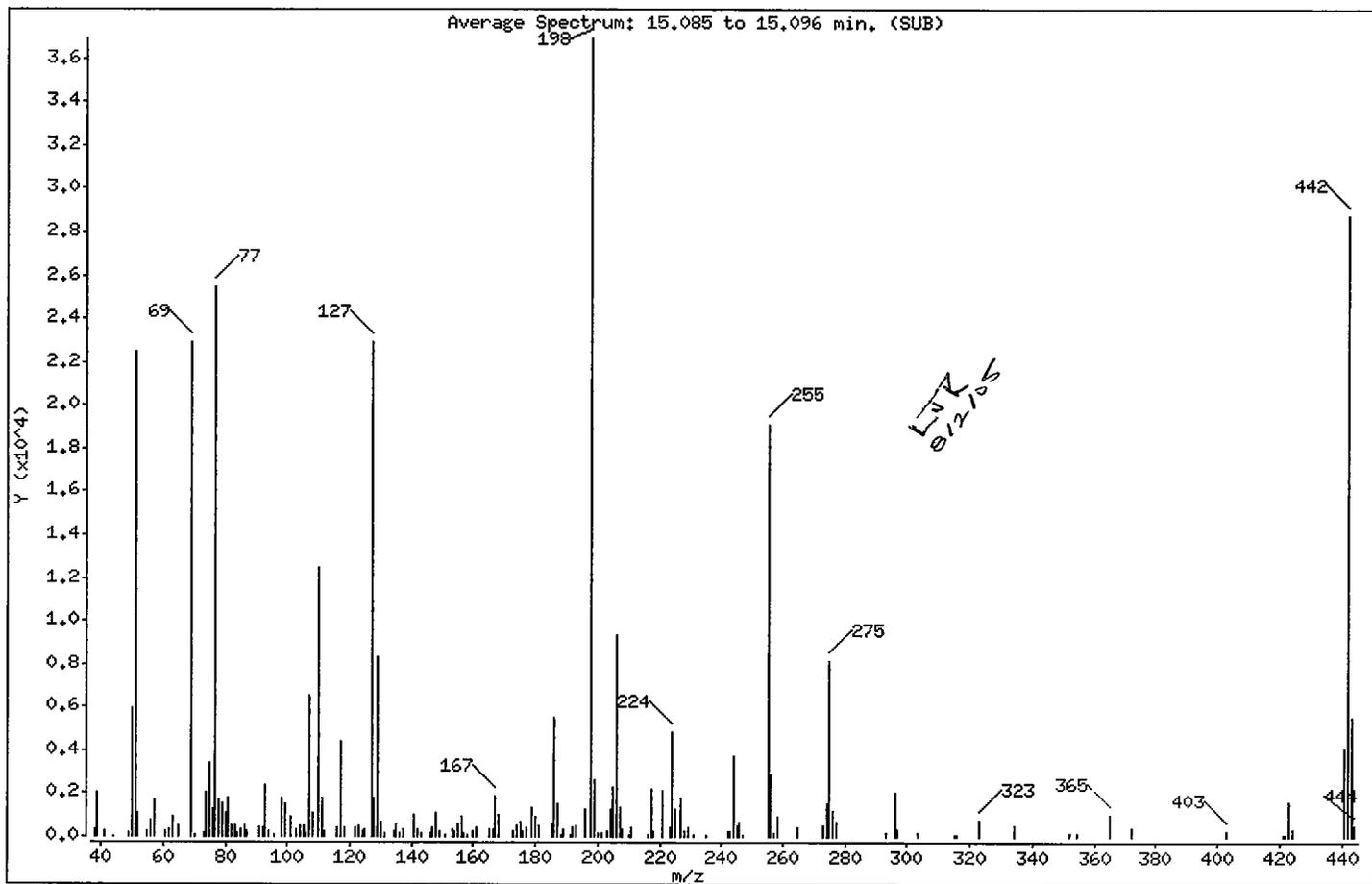
Sample Info: ABN 25

Operator: LJR

Column phase: RTX-5

Column diameter: 0.32

1 dftpp



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
198	Base Peak, 100% relative abundance	100.00
51	30.00 - 80.00% of mass 198	60.83
68	Less than 2.00% of mass 69	0.00 (0.00)
69	Mass 69 relative abundance	62.18
70	Less than 2.00% of mass 69	0.20 (0.32)
127	25.00 - 75.00% of mass 198	62.18
197	Less than 1.00% of mass 198	0.00
199	5.00 - 9.00% of mass 198	7.22
275	10.00 - 30.00% of mass 198	22.18
365	Greater than 0.75% of mass 198	2.71
441	Present, but less than mass 443	10.93
442	40.00 - 110.00% of mass 198	77.88
443	15.00 - 24.00% of mass 442	15.03 (19.30)

Date : 01-AUG-2005 15:03

Client ID:

Instrument: nt6.i

Sample Info: ABN 25

Operator: LJR

Column phase: RTX-5

Column diameter: 0.32

Data File: cc0801.d

Spectrum: Average Spectrum: 15.085 to 15.096 min. (SUB)

Location of Maximum: 198.00

Number of points: 163

m/z	Y	m/z	Y	m/z	Y	m/z	Y
38.00	357	104.00	528	166.00	373	229.00	419
39.00	1995	105.00	544	167.00	1866	231.00	74
41.00	285	106.00	153	168.00	1000	235.00	67
44.00	6	107.00	6556	173.00	249	242.00	269
49.00	128	108.00	1107	174.00	511	243.00	225
50.00	5978	110.00	12451	175.00	696	244.00	3766
51.00	22448	111.00	1818	176.00	282	245.00	542
52.00	1124	112.00	238	177.00	384	246.00	657
55.00	267	116.00	397	179.00	1360	247.00	80
56.00	769	117.00	4376	180.00	944	255.00	19104
57.00	1691	118.00	394	181.00	511	256.00	2852
61.00	262	122.00	410	185.00	626	257.00	141
62.00	311	123.00	548	186.00	5493	258.00	925
63.00	940	124.00	271	187.00	1546	265.00	391
65.00	539	125.00	316	188.00	72	273.00	547
69.00	22944	127.00	22944	189.00	344	274.00	1549
70.00	74	128.00	1822	191.00	69	275.00	8185
73.00	147	129.00	8280	192.00	433	276.00	1178
74.00	2070	130.00	681	193.00	485	277.00	720
75.00	3360	131.00	141	196.00	1277	293.00	153
76.00	1246	134.00	266	198.00	36904	296.00	2070
77.00	25424	135.00	615	199.00	2665	297.00	302
78.00	1737	136.00	191	200.00	142	303.00	193
79.00	1545	137.00	336	201.00	145	315.00	88
80.00	1119	141.00	985	203.00	238	316.00	67
81.00	1785	142.00	361	204.00	1271	323.00	738
82.00	471	143.00	160	205.00	2251	334.00	493
83.00	506	146.00	159	206.00	9320	352.00	174
84.00	145	147.00	461	207.00	1338	354.00	161
85.00	306	148.00	1109	208.00	333	365.00	999
86.00	473	149.00	277	210.00	82	372.00	405
87.00	231	151.00	76	211.00	401	403.00	224
91.00	428	153.00	356	216.00	77	421.00	72
92.00	423	154.00	275	217.00	2207	422.00	100
93.00	2375	155.00	570	218.00	286	423.00	1594

Date : 01-AUG-2005 15:03

Client ID:

Instrument: nt6.i

Sample Info: ABN 25

Operator: LJR

Column phase: RTX-5

Column diameter: 0.32

Data File: cc0801.d

Spectrum: Average Spectrum: 15.085 to 15.096 min. (SUB)

Location of Maximum: 198.00

Number of points: 163

m/z	Y	m/z	Y	m/z	Y	m/z	Y
94.00	269	156.00	898	221.00	2089	424.00	298
96.00	68	157.00	207	223.00	465	441.00	4034
98.00	1762	158.00	68	224.00	4863	442.00	28736
99.00	1552	160.00	278	225.00	1233	443.00	5546
101.00	899	161.00	465	227.00	1742	444.00	521
103.00	325	165.00	381	228.00	214		

Date : 01-AUG-2005 15:03

Client ID:

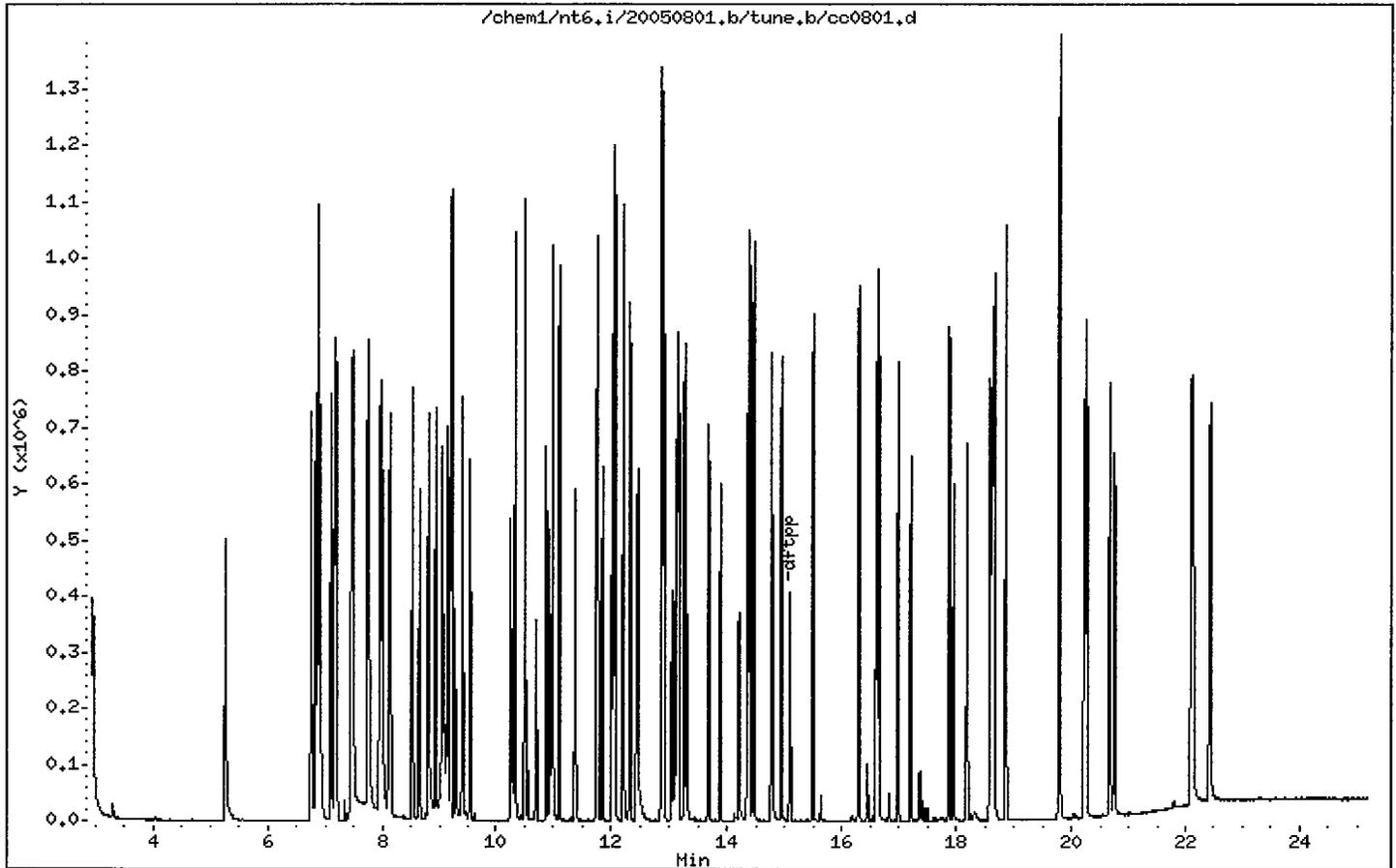
Instrument: nt6.i

Sample Info: ABN 25

Operator: LJR

Column phase: RTX-5

Column diameter: 0.32



ORGANICS ANALYSIS DATA SHEET

PSDDA Semivolatiles by SW8270D GC/MS

Page 1 of 1

Sample ID: MB-072705

METHOD BLANK

Lab Sample ID: MB-072705

QC Report No: IH29-Anchor Environmental

LIMS ID: 05-11910

Project: KC Former Scott Mill

Matrix: Sediment

00010501/T2

Data Release Authorized: *[Signature]*

Date Sampled: NA

Reported: 08/02/05

Date Received: NA

Date Extracted: 07/27/05

Sample Amount: 25.0 g

Date Analyzed: 07/29/05 16:19

Final Extract Volume: 0.5 mL

Instrument/Analyst: NT6/LJR

Dilution Factor: 1.00

GPC Cleanup: No

Percent Moisture: NA

pH: NA

CAS Number	Analyte	RL	Result
108-95-2	Phenol	20	< 20 U
100-51-6	Benzyl Alcohol	20	< 20 U
95-48-7	2-Methylphenol	20	< 20 U
106-44-5	4-Methylphenol	20	< 20 U
67-72-1	Hexachloroethane	20	< 20 U
105-67-9	2,4-Dimethylphenol	20	< 20 U
65-85-0	Benzoic Acid	200	< 200 U
120-82-1	1,2,4-Trichlorobenzene	20	< 20 U
91-20-3	Naphthalene	20	< 20 U
87-68-3	Hexachlorobutadiene	20	< 20 U
91-57-6	2-Methylnaphthalene	20	< 20 U
131-11-3	Dimethylphthalate	20	< 20 U
208-96-8	Acenaphthylene	20	< 20 U
83-32-9	Acenaphthene	20	< 20 U
132-64-9	Dibenzofuran	20	< 20 U
84-66-2	Diethylphthalate	20	< 20 U
86-73-7	Fluorene	20	< 20 U
86-30-6	N-Nitrosodiphenylamine	20	< 20 U
87-86-5	Pentachlorophenol	100	< 100 U
85-01-8	Phenanthrene	20	< 20 U
120-12-7	Anthracene	20	< 20 U
84-74-2	Di-n-Butylphthalate	20	13 J
206-44-0	Fluoranthene	20	< 20 U
129-00-0	Pyrene	20	< 20 U
85-68-7	Butylbenzylphthalate	20	< 20 U
56-55-3	Benzo(a)anthracene	20	< 20 U
117-81-7	bis(2-Ethylhexyl)phthalate	20	< 20 U
218-01-9	Chrysene	20	< 20 U
117-84-0	Di-n-Octyl phthalate	20	< 20 U
205-99-2	Benzo(b)fluoranthene	20	< 20 U
207-08-9	Benzo(k)fluoranthene	20	< 20 U
50-32-8	Benzo(a)pyrene	20	< 20 U
193-39-5	Indeno(1,2,3-cd)pyrene	20	< 20 U
53-70-3	Dibenz(a,h)anthracene	20	< 20 U
191-24-2	Benzo(g,h,i)perylene	20	< 20 U

Reported in µg/kg (ppb)

Semivolatile Surrogate Recovery

d5-Nitrobenzene	60.8%	2-Fluorobiphenyl	65.6%
d14-p-Terphenyl	75.2%	d4-1,2-Dichlorobenzene	65.6%
d5-Phenol	69.3%	2-Fluorophenol	63.5%
2,4,6-Tribromophenol	79.5%	d4-2-Chlorophenol	68.8%

000442

Analytical Resources, Inc.

Semivolatiles Report SW846 Method 8270C

Data file : /chem1/nt6.i/20050729.b/ih29mb.d
 Lab Smp Id: IH29MBS1 Client Smp ID: IH29MBS1
 Inj Date : 29-JUL-2005 16:19
 Operator : LJR/VS Inst ID: nt6.i
 Smp Info : IH29MBS1
 Misc Info : 05-11910
 Comment : 1ul Injection
 Method : /chem1/nt6.i/20050729.b/SW846.m
 Meth Date : 02-Aug-2005 11:33 jeff Quant Type: ISTD
 Cal Date : 18-JUL-2005 15:41 Cal File: 0800718.d
 Als bottle: 1 QC Sample: BLANK
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: PSDDAMBLCS.sub
 Target Version: 3.50

LJR
8/2/05

Concentration Formula: Amt * DF * Vt / (Ws * (100 - M) / 100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	500.00000	Volume of final extract (uL)
Ws	25.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable

Local Compound Variable

Compounds	QUANT SIG	MASS	RT	EXP RT	RBL RT	RESPONSE	CONCENTRATIONS	
							ON-COLUMN (ug/mL)	FINAL (ug/kg)
\$ 1 2-Fluorophenol	112	5.381	5.363	(0.742)	210275	23.8262	476.5 (M)	
\$ 2 Phenol-d5	99	6.925	6.917	(0.954)	266201	25.9527	519.1 (M)	
3 Phenol	94	Compound Not Detected.						
\$ 5 2-Chlorophenol-d4	132	6.978	6.981	(0.962)	209489	25.7544	515.1 (M)	
4 Bis(2-Chloroethyl)ether	93	Compound Not Detected.						
6 2-Chlorophenol	128	Compound Not Detected.						
7 1,3-Dichlorobenzene	146	Compound Not Detected.						
* 8 1,4-Dichlorobenzene-d4	152	7.256	7.259	(1.000)	124957	20.0000	(M)	
9 1,4-Dichlorobenzene	146	Compound Not Detected.						
\$ 10 1,2-Dichlorobenzene-d4	152	7.550	7.553	(1.040)	86962	16.4206	328.2 (M)	
12 1,2-Dichlorobenzene	146	Compound Not Detected.						
11 Benzyl alcohol	108	Compound Not Detected.						
14 2,2'-oxybis(1-Chloropropane)	45	Compound Not Detected.						
13 2-Methylphenol	108	Compound Not Detected.						
17 Hexachloroethane	117	Compound Not Detected.						

Compounds	QUANT SIG	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
						ON-COLUMN (ug/mL)	FINAL (ug/kg)
16 N-Nitroso-di-n-propylamine	70				Compound Not Detected.		
15 4-Methylphenol	108				Compound Not Detected.		
§ 18 Nitrobenzene-d5	82	8.196	8.205	(0.883)	157125	15.1923	303.8 (M)
19 Nitrobenzene	77				Compound Not Detected.		
20 Isophorone	82				Compound Not Detected.		
21 2-Nitrophenol	139				Compound Not Detected.		
22 2,4-Dimethylphenol	107				Compound Not Detected.		
23 Bis(2-Chloroethoxy)methane	93				Compound Not Detected.		
24 Benzoic acid	105				Compound Not Detected.		
25 2,4-Dichlorophenol	162				Compound Not Detected.		
26 1,2,4-Trichlorobenzene	180				Compound Not Detected.		
* 27 Naphthalene-d8	136	9.281	9.284	(1.000)	448987	20.0000	(M)
28 Naphthalene	128				Compound Not Detected.		
29 4-Chloroaniline	127				Compound Not Detected.		
30 Hexachlorobutadiene	225				Compound Not Detected.		
31 4-Chloro-3-methylphenol	107				Compound Not Detected.		
32 2-Methylnaphthalene	141				Compound Not Detected.		
33 Hexachlorocyclopentadiene	237				Compound Not Detected.		
34 2,4,6-Trichlorophenol	196				Compound Not Detected.		
35 2,4,5-Trichlorophenol	196				Compound Not Detected.		
§ 36 2-Fluorobiphenyl	172	11.065	11.068	(0.914)	269975	16.4067	328.1 (M)
37 2-Chloronaphthalene	162				Compound Not Detected.		
38 2-Nitroaniline	65				Compound Not Detected.		
39 Dimethylphthalate	163				Compound Not Detected.		
40 Acenaphthylene	152				Compound Not Detected.		
41 2,6-Dinitrotoluene	165				Compound Not Detected.		
* 42 Acenaphthene-d10	164	12.102	12.104	(1.000)	245311	20.0000	(M)
43 3-Nitroaniline	138				Compound Not Detected.		
44 Acenaphthene	153				Compound Not Detected.		
45 2,4-Dinitrophenol	184				Compound Not Detected.		
46 Dibenzofuran	168				Compound Not Detected.		
47 4-Nitrophenol	109				Compound Not Detected.		
48 2,4-Dinitrotoluene	165				Compound Not Detected.		
50 Diethylphthalate	149				Compound Not Detected.		
49 Fluorene	166				Compound Not Detected.		
51 4-Chlorophenyl-phenylether	204				Compound Not Detected.		
52 4-Nitroaniline	138				Compound Not Detected.		
53 4,6-Dinitro-2-methylphenol	198				Compound Not Detected.		
54 N-Nitrosodiphenylamine	169				Compound Not Detected.		
§ 55 2,4,6-Tribromophenol	330	13.389	13.392	(1.106)	49229	29.8365	596.7 (M)
56 4-Bromophenyl-phenylether	248				Compound Not Detected.		
57 Hexachlorobenzene	284				Compound Not Detected.		
58 Pentachlorophenol	266				Compound Not Detected.		
* 59 Phenanthrene-d10	188	14.441	14.444	(1.000)	338392	20.0000	(M)
60 Phenanthrene	178				Compound Not Detected.		
61 Anthracene	178				Compound Not Detected.		
62 Carbazole	167				Compound Not Detected.		

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS		
						ON-COLUMN (ug/mL)	FINAL (ug/kg)	
63 Di-n-butylphthalate	149	15.574	15.577	(1.078)	15299	0.66998	13.40	
64 Fluoranthene	202	Compound Not Detected.						
65 Pyrene	202	Compound Not Detected.						
\$ 66 Terphenyl-d14	244	17.075	17.073	(0.913)	234103	18.8422	376.8	
67 Butylbenzylphthalate	149	Compound Not Detected.						
68 Benzo(a)anthracene	228	Compound Not Detected.						
* 69 Chrysene-d12	240	18.704	18.707	(1.000)	231058	20.0000		
70 3,3'-Dichlorobenzidine	252	Compound Not Detected.						
71 Chrysene	228	Compound Not Detected.						
72 bis(2-Ethylhexyl)phthalate	149	Compound Not Detected.						
* 134 Di-n-octylphthalate-d4	153	19.864	19.866	(1.000)	414417	20.0000		
73 Di-n-octylphthalate	149	Compound Not Detected.						
74 Benzo(b)fluoranthene	252	Compound Not Detected.						
75 Benzo(k)fluoranthene	252	Compound Not Detected.						
76 Benzo(a)pyrene	252	Compound Not Detected.						
* 77 Perylene-d12	264	20.841	20.844	(1.000)	244488	20.0000		
78 Indeno(1,2,3-cd)pyrene	276	Compound Not Detected.						
79 Dibenzo(a,h)anthracene	278	Compound Not Detected.						
80 Benzo(g,h,i)perylene	276	Compound Not Detected.						

QC Flag Legend

M - Compound response manually integrated.

Analytical Resources, Inc.

INTERNAL STANDARD COMPOUNDS
 AREA AND RT SUMMARY

Instrument ID: nt6.i
 Lab File ID: ih29mb.d
 Lab Smp Id: IH29MBS1
 Analysis Type: SV
 Quant Type: ISTD
 Operator: LJR/VS
 Method File: /chem1/nt6.i/20050729.b/SW846.m
 Misc Info: 05-11910

Calibration Date: 29-JUL-2005
 Calibration Time: 15:44
 Client Smp ID: IH29MBS1
 Level: LOW
 Sample Type: Solid

COMPOUND	STANDARD	AREA LIMIT		SAMPLE	%DIFF
		LOWER	UPPER		
8 1,4-Dichlorobenze	108502	54251	217004	124957	15.17
27 Naphthalene-d8	392657	196328	785314	448987	14.35
42 Acenaphthene-d10	220694	110347	441388	245311	11.15
59 Phenanthrene-d10	307459	153730	614918	338392	10.06
69 Chrysene-d12	220907	110454	441814	231058	4.60
134 Di-n-octylphthala	371940	185970	743880	414417	11.42
77 Perylene-d12	239558	119779	479116	244488	2.06

COMPOUND	STANDARD	RT LIMIT		SAMPLE	%DIFF
		LOWER	UPPER		
8 1,4-Dichlorobenze	7.26	6.76	7.76	7.26	-0.04
27 Naphthalene-d8	9.28	8.78	9.78	9.28	-0.03
42 Acenaphthene-d10	12.10	11.60	12.60	12.10	-0.02
59 Phenanthrene-d10	14.44	13.94	14.94	14.44	-0.02
69 Chrysene-d12	18.71	18.21	19.21	18.70	-0.01
134 Di-n-octylphthala	19.87	19.37	20.37	19.86	-0.01
77 Perylene-d12	20.84	20.34	21.34	20.84	-0.01

AREA UPPER LIMIT = +100% of internal standard area.
 AREA LOWER LIMIT = - 50% of internal standard area.
 RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
 RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

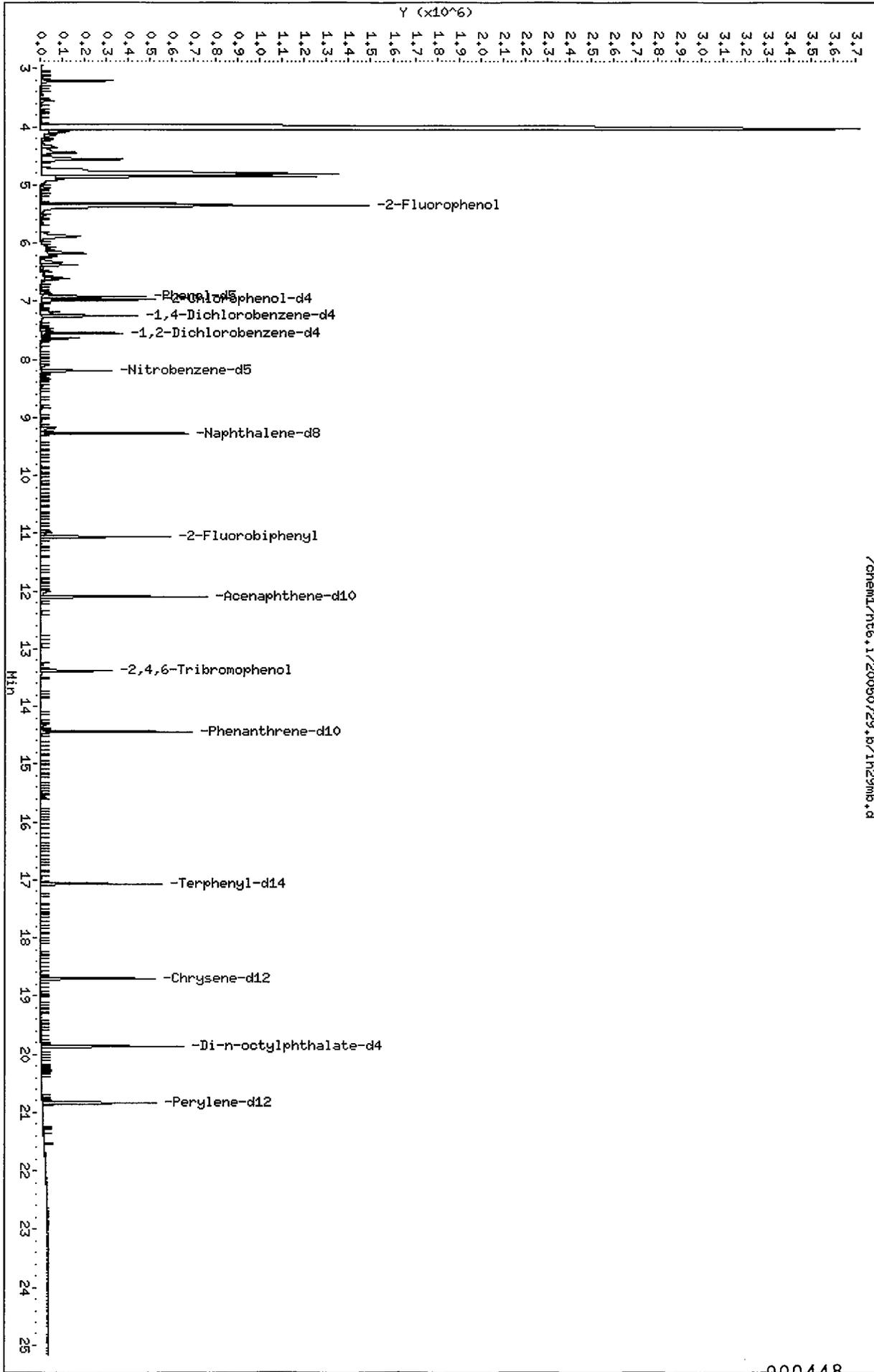
Analytical Resources, Inc.

RECOVERY REPORT

Client Name: ANCHOR
 Sample Matrix: SOLID
 Lab Smp Id: IH29MBS1
 Level: LOW
 Data Type: MS DATA
 SpikeList File: SONICMS.spk
 Sublist File: PSDDAMBLCS.sub
 Method File: /chem1/nt6.i/20050729.b/SW846.m
 Misc Info: 05-11910

Client SDG: IH29
 Fraction: SV
 Client Smp ID: IH29MBS1
 Operator: LJR/VS
 SampleType: BLANK
 Quant Type: ISTD

SURROGATE COMPOUND	CONC ADDED ug/kg	CONC RECOVERED ug/kg	% RECOVERED	LIMITS
\$ 1 2-Fluorophenol	750.0	476.5	63.54	36-100
\$ 2 Phenol-d5	750.0	519.1	69.21	45-91
\$ 5 2-Chlorophenol-d4	750.0	515.1	68.68	46-89
\$ 10 1,2-Dichlorobenzen	500.0	328.2	65.64	41-86
\$ 18 Nitrobenzene-d5	500.0	303.8	60.77	39-93
\$ 36 2-Fluorobiphenyl	500.0	328.1	65.63	40-95
\$ 55 2,4,6-Tribromophen	750.0	596.7	79.56	34-110
\$ 66 Terphenyl-d14	500.0	376.8	75.37	46-116



Date : 29-JUL-2005 16:19

Client ID: IH29MBS1

Instrument: nt6.i

Sample Info: IH29MBS1

Volume Injected (uL): 1.0

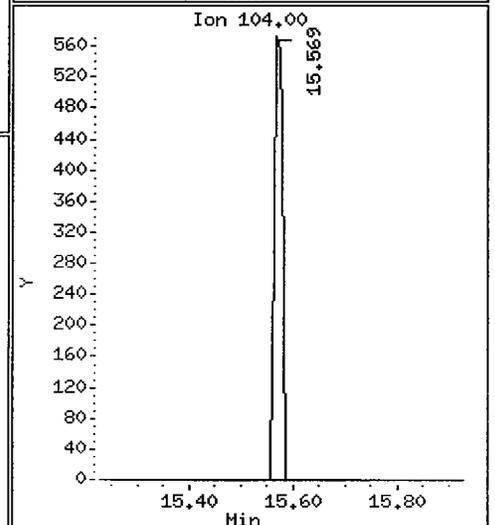
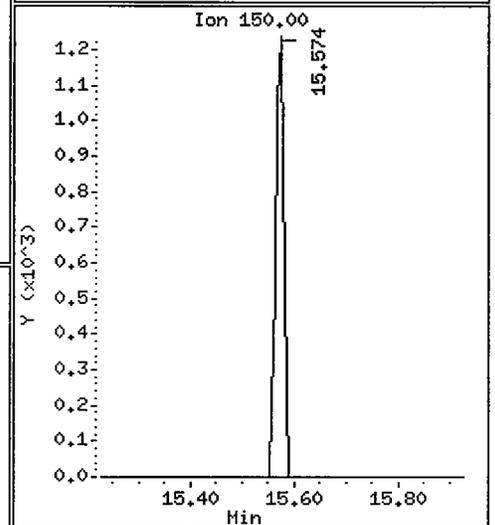
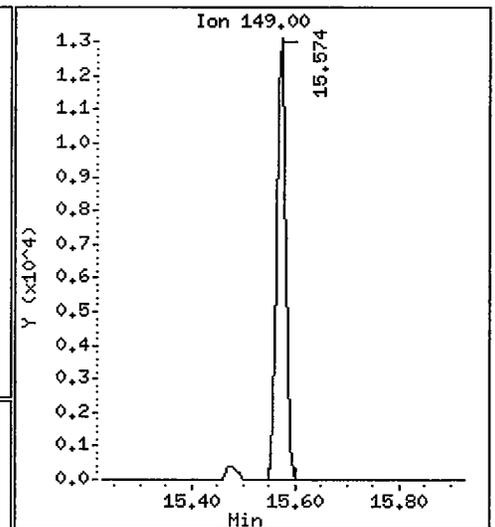
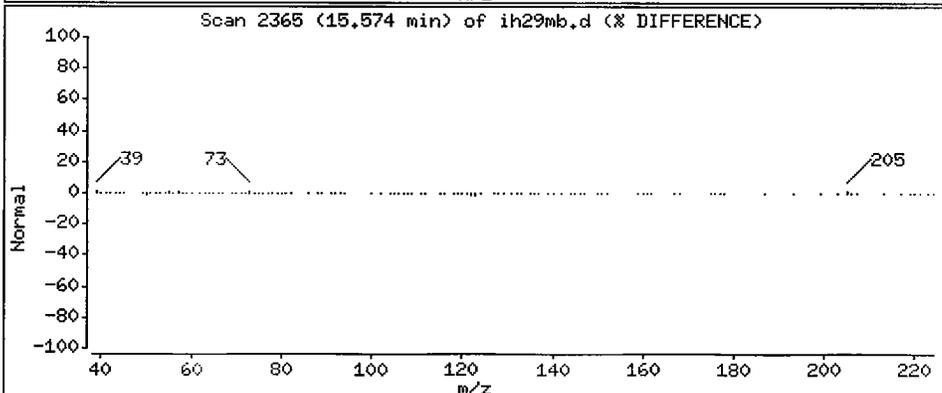
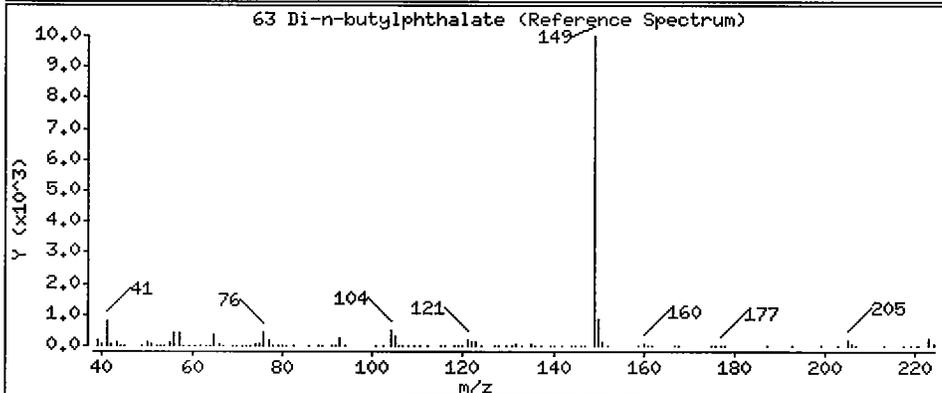
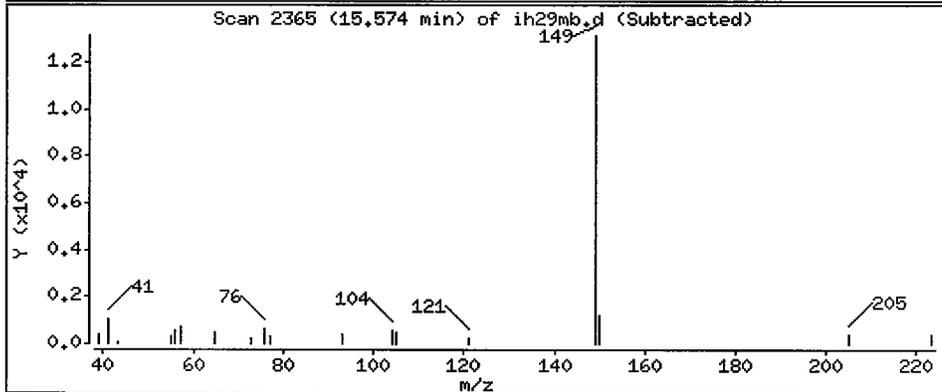
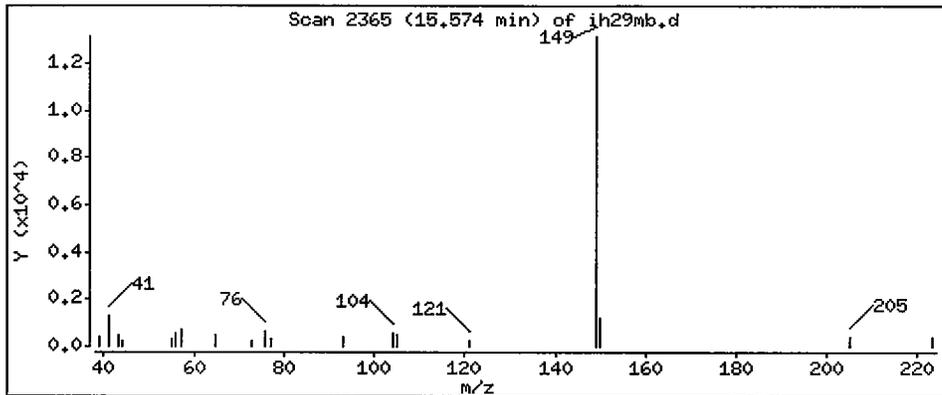
Operator: LJR/VS

Column phase: RTX-5

Column diameter: 0.32

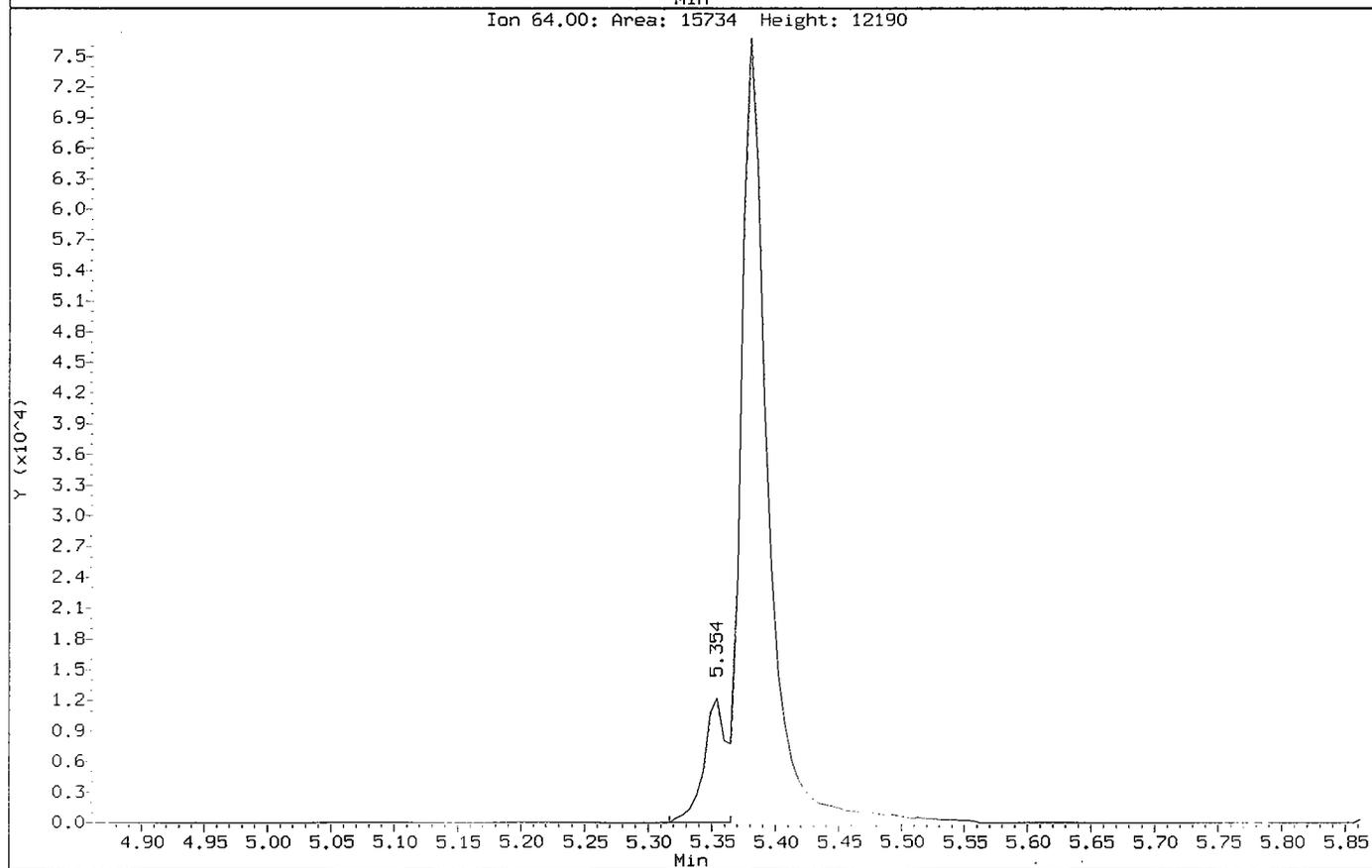
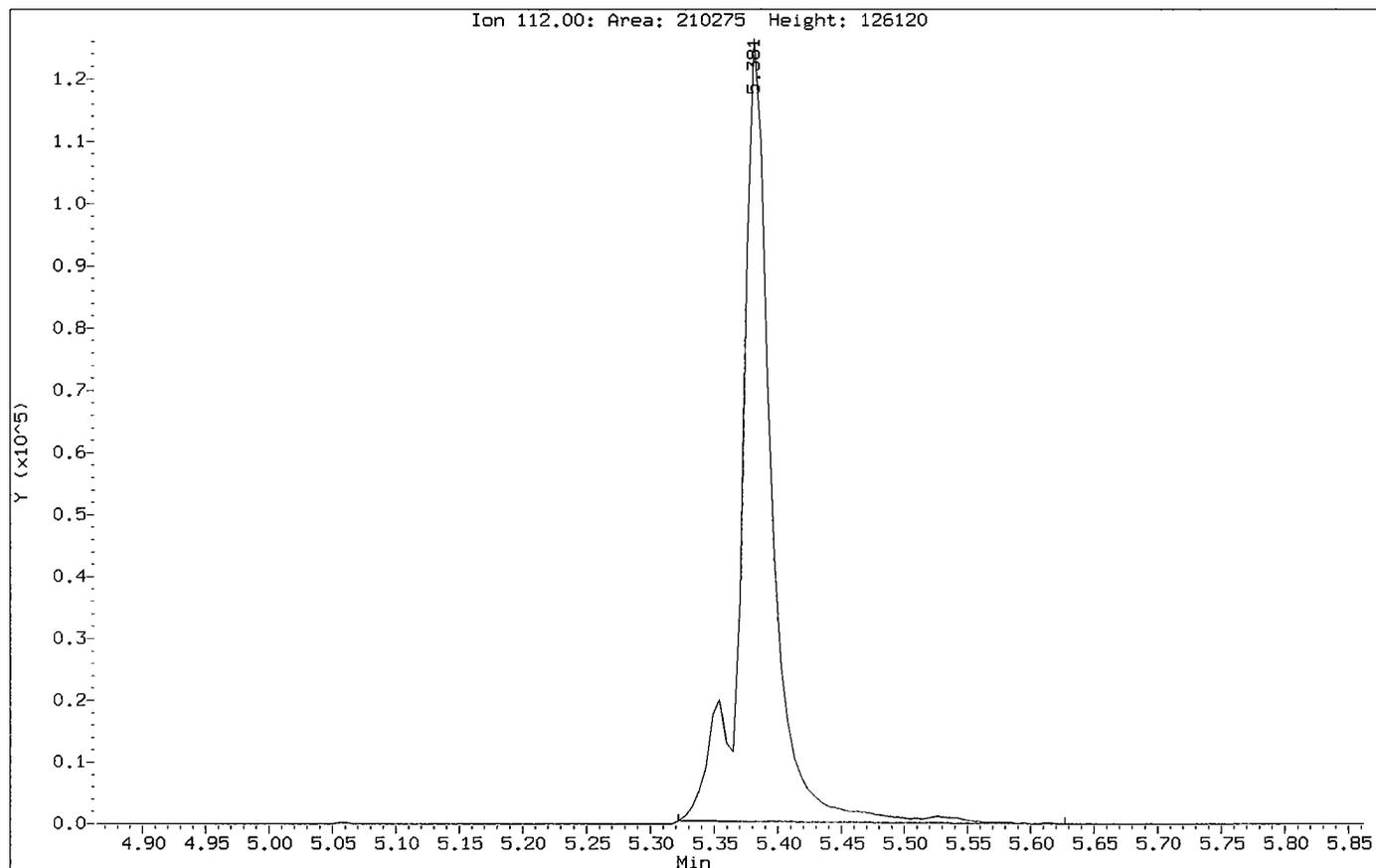
63 Di-n-butylphthalate

Concentration: 13.40 ug/kg



Data File: /chem1/nt6.i/20050729.b/ih29mb.d
Injection Date: 29-JUL-2005 16:19
Instrument: nt6.i
Client Sample ID: IH29MBS1

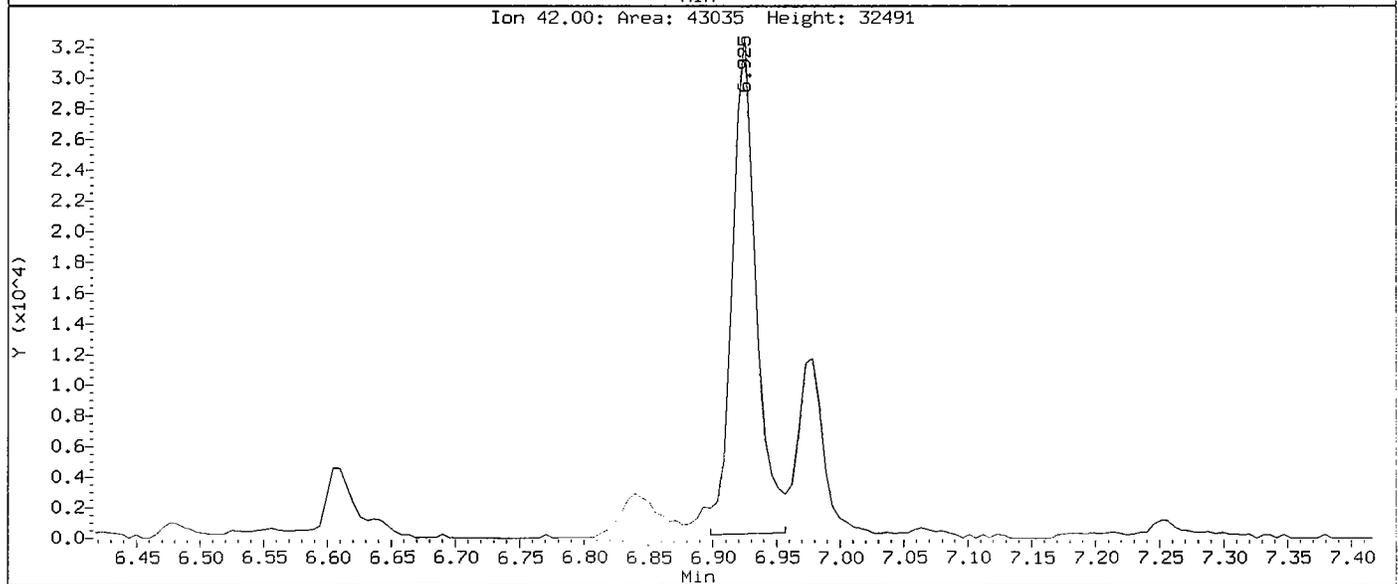
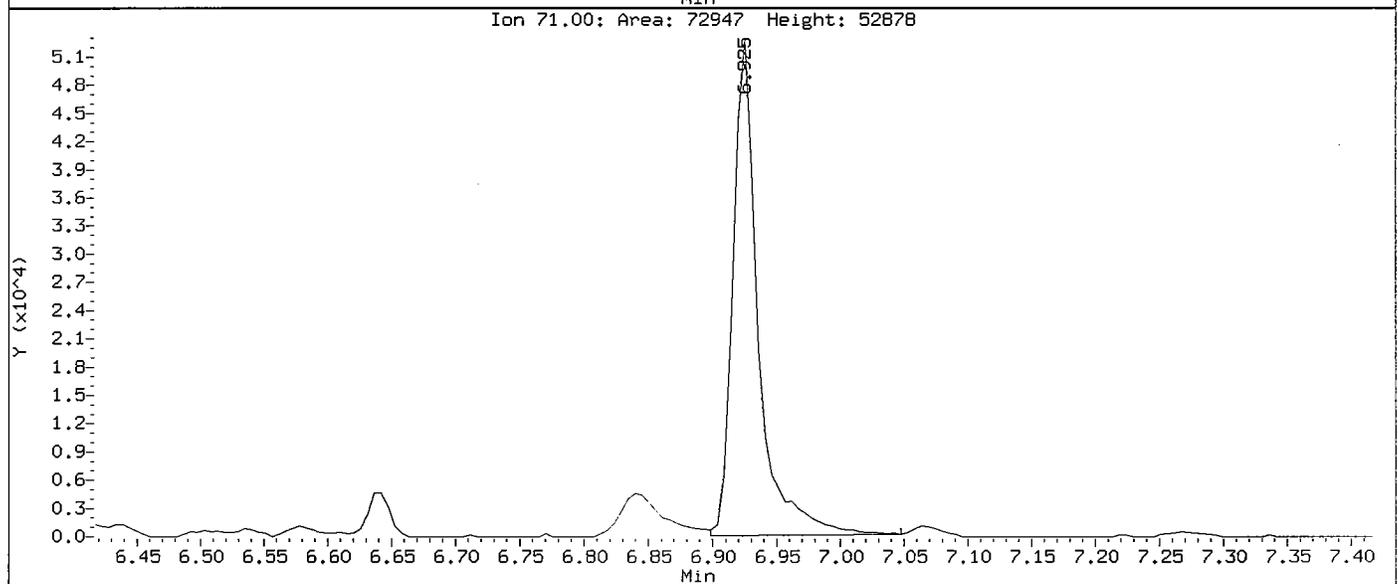
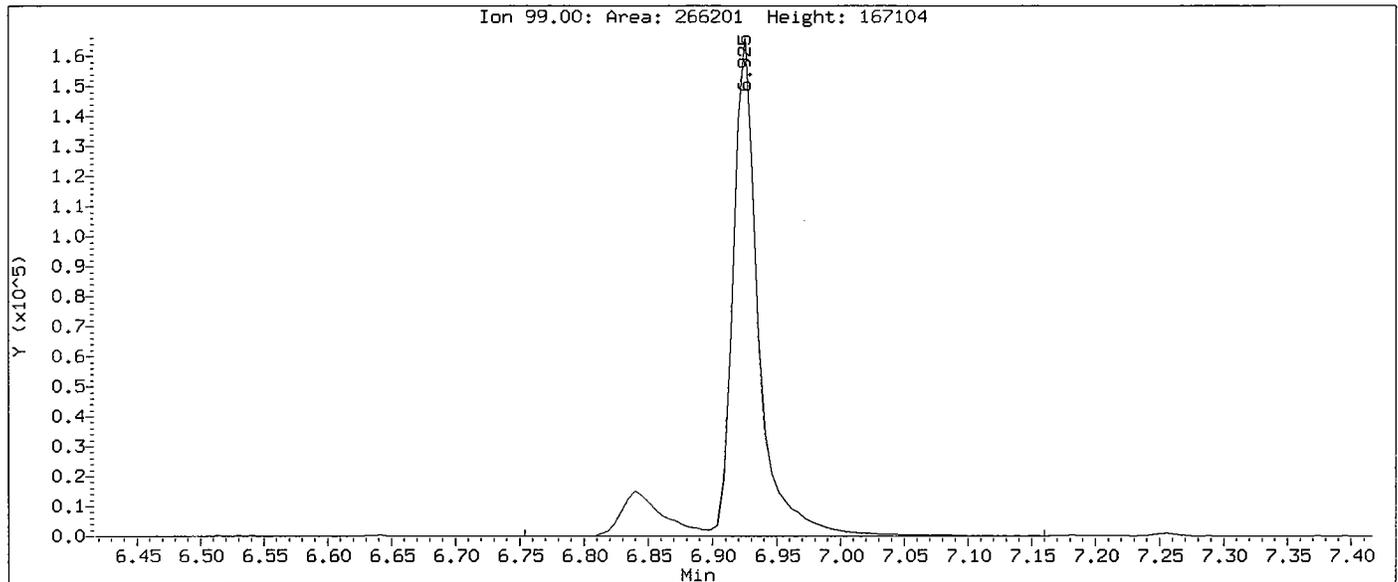
Compound: 2-Fluorophenol
CAS Number: 367-12-4



000450

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Injection Date: 29-JUL-2005 16:19
Instrument: nt6.i
Client Sample ID: IH29MBS1

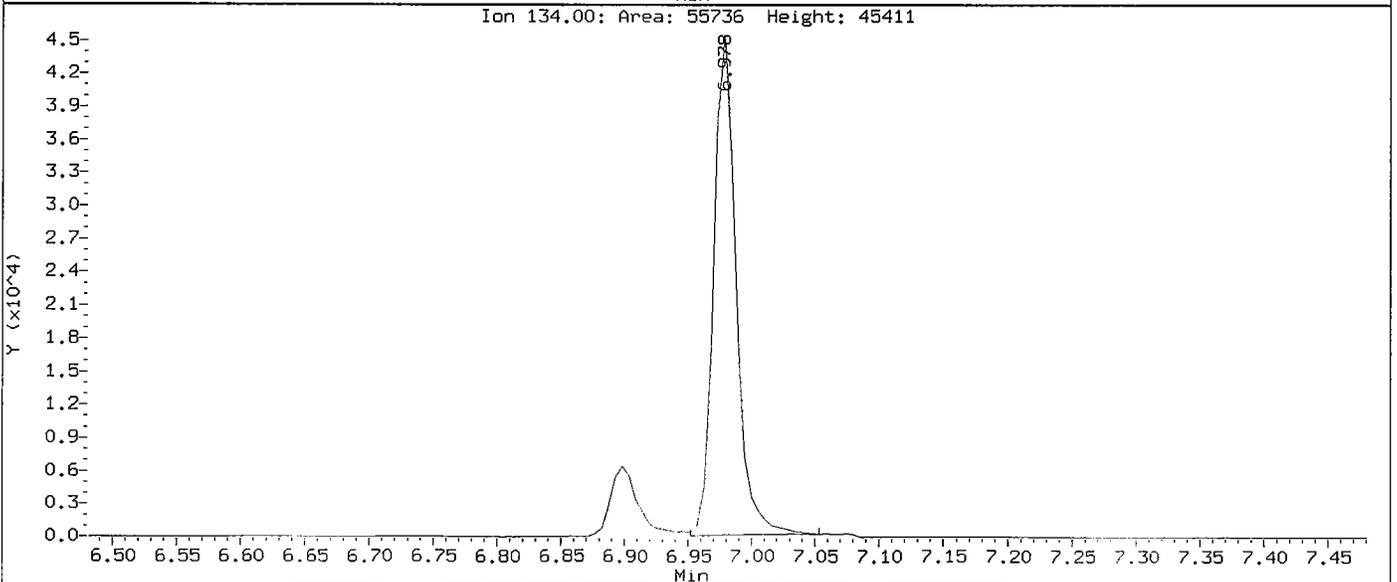
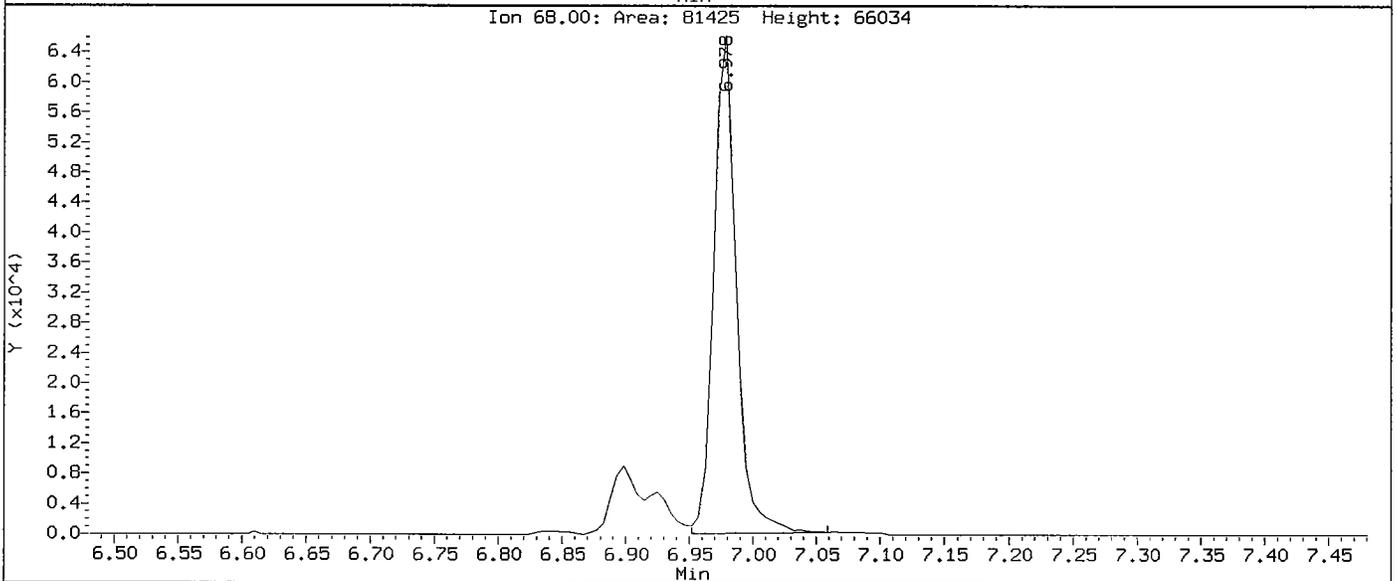
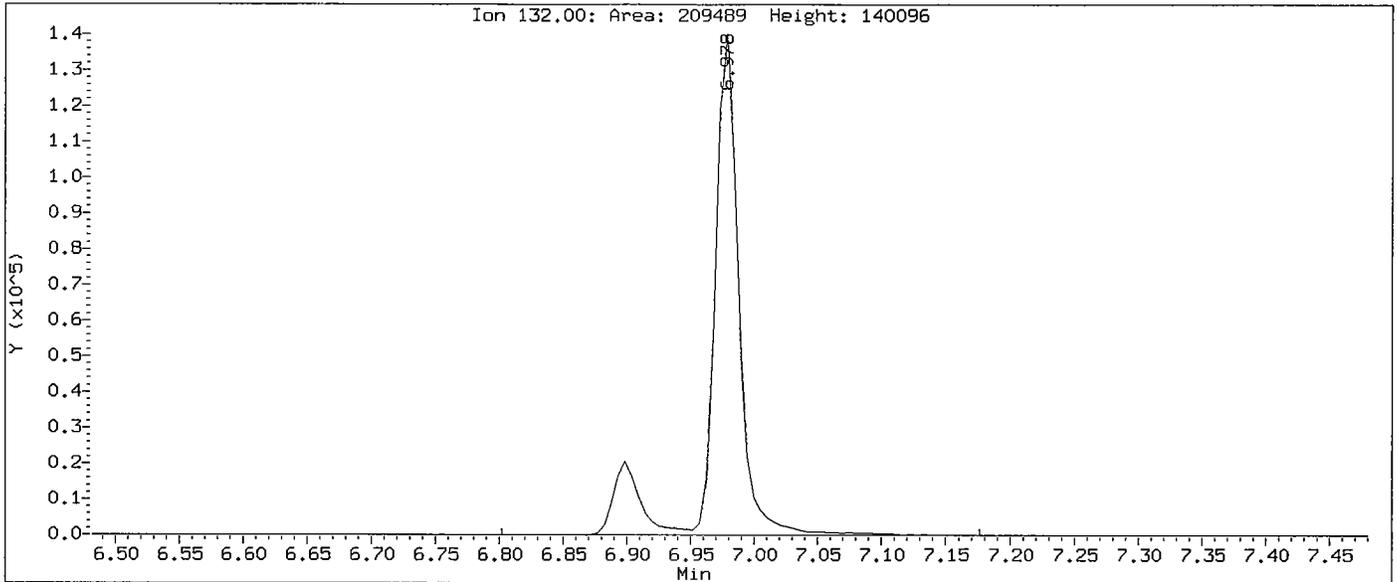
Compound: Phenol-d5
CAS Number:



000451

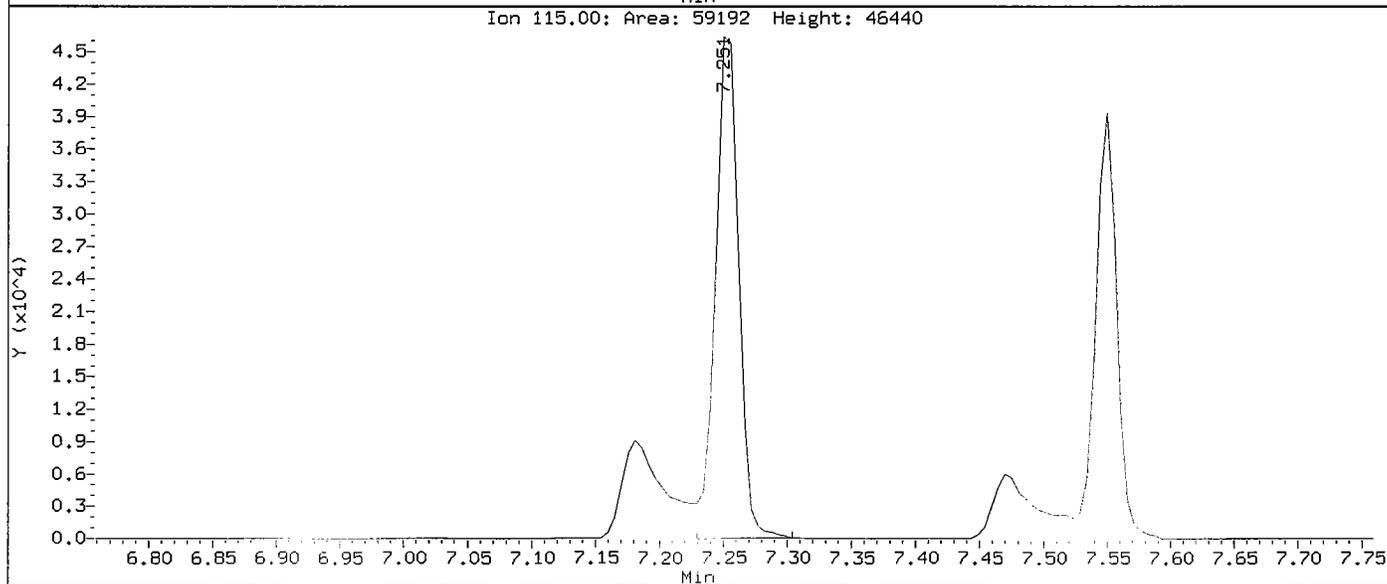
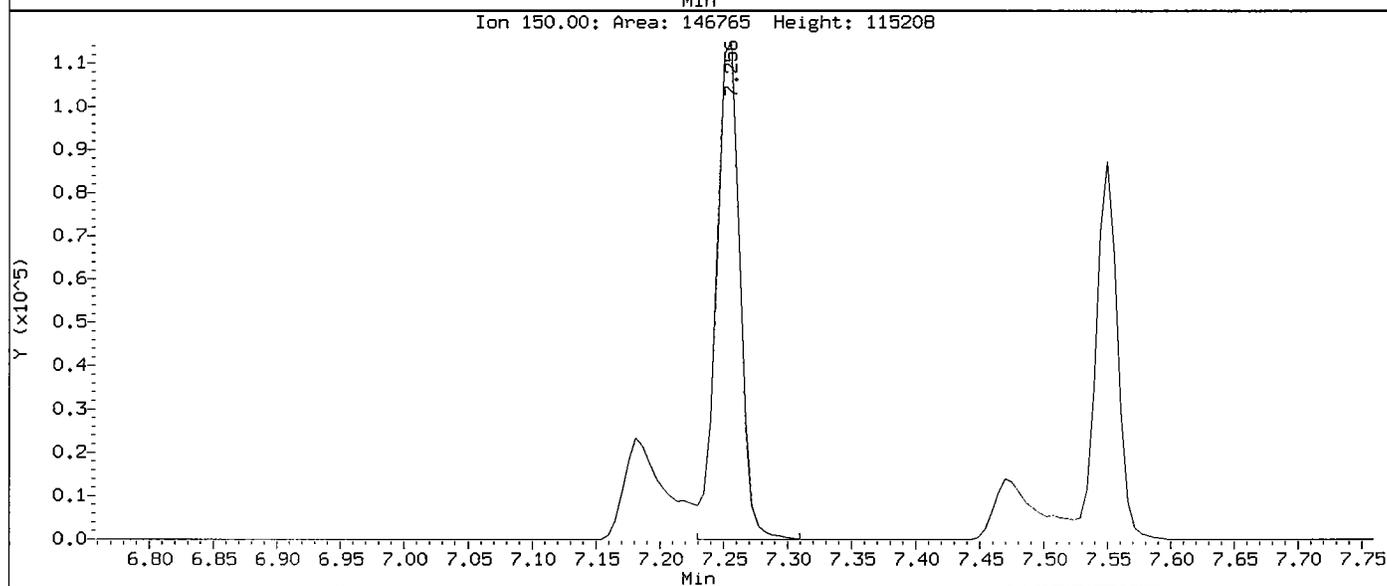
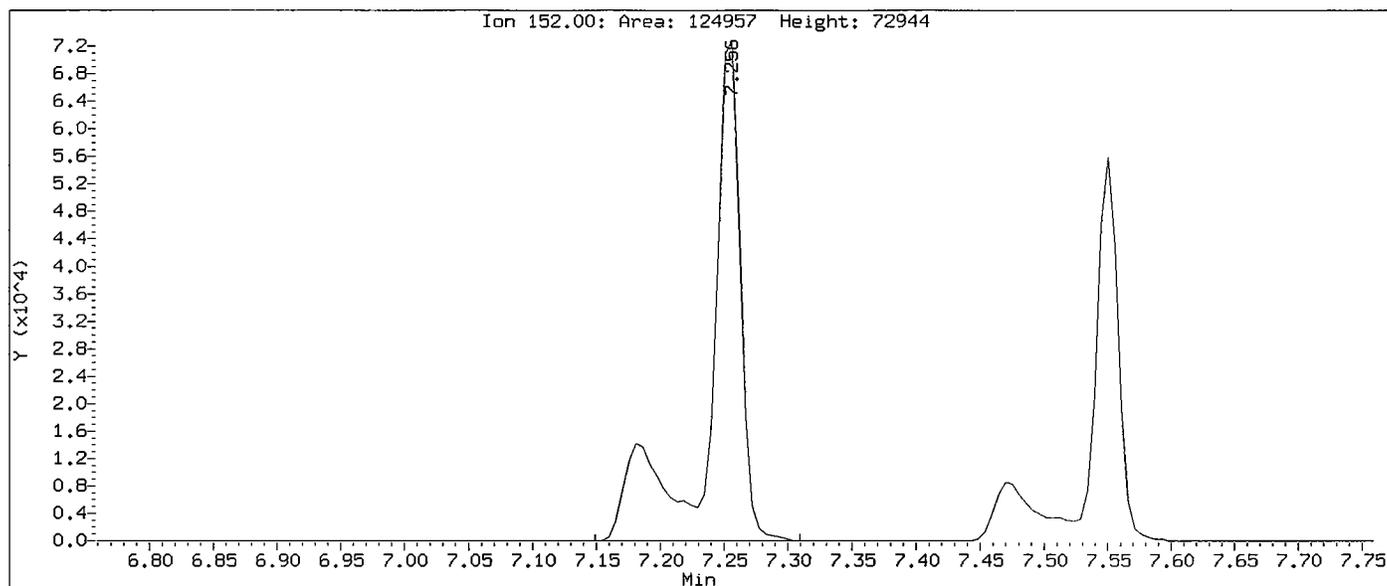
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Injection Date: 29-JUL-2005 16:19
Instrument: nt6.i
Client Sample ID: IH29MBS1

Compound: 2-Chlorophenol-d4
CAS Number:



Data File: /chem1/nt6.i/20050729.b/ih29mb.d
Injection Date: 29-JUL-2005 16:19
Instrument: nt6.i
Client Sample ID: IH29MBS1

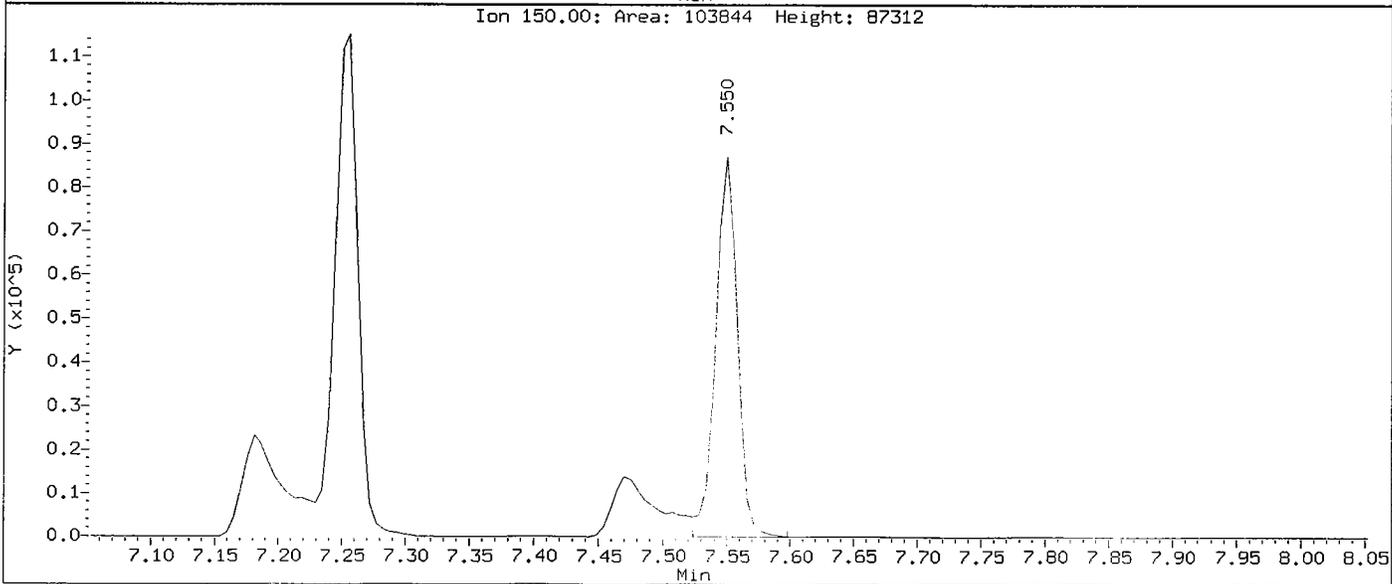
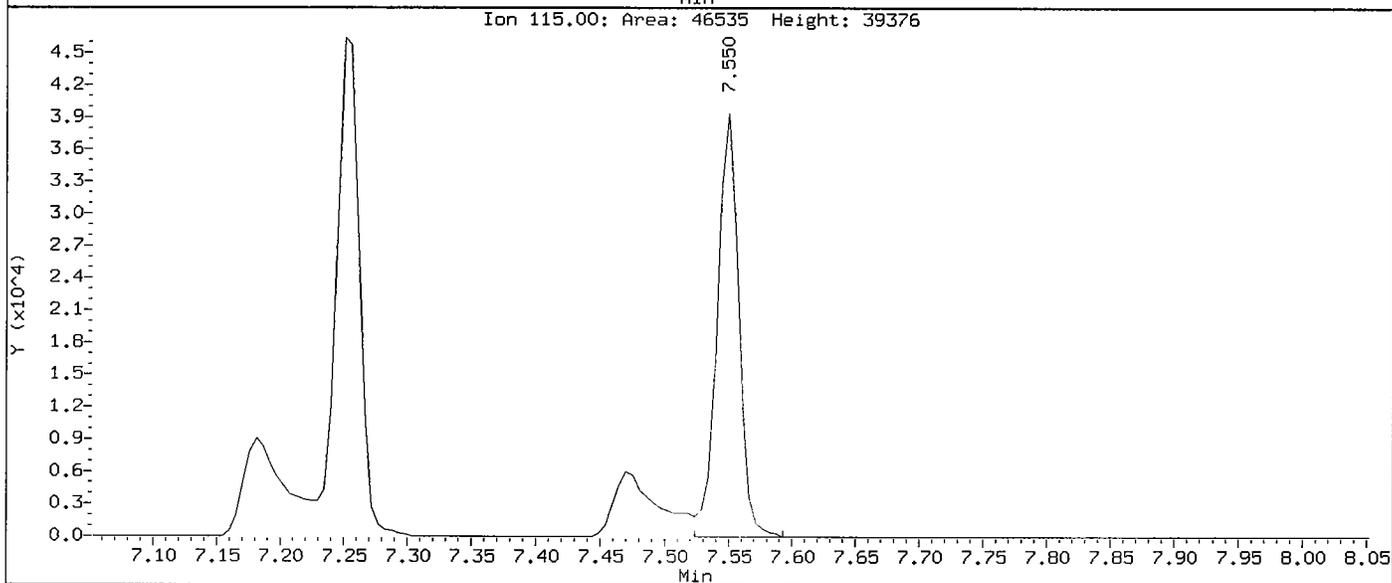
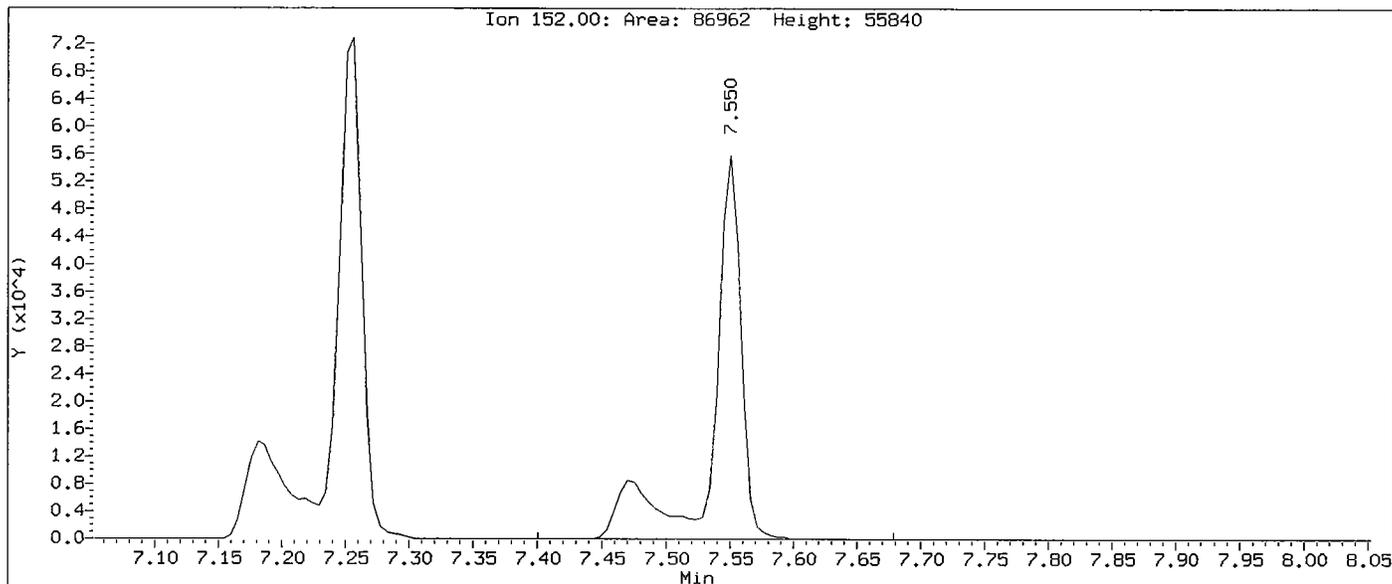
Compound: 1,4-Dichlorobenzene-d4
CAS Number: 3855-82-1



000453

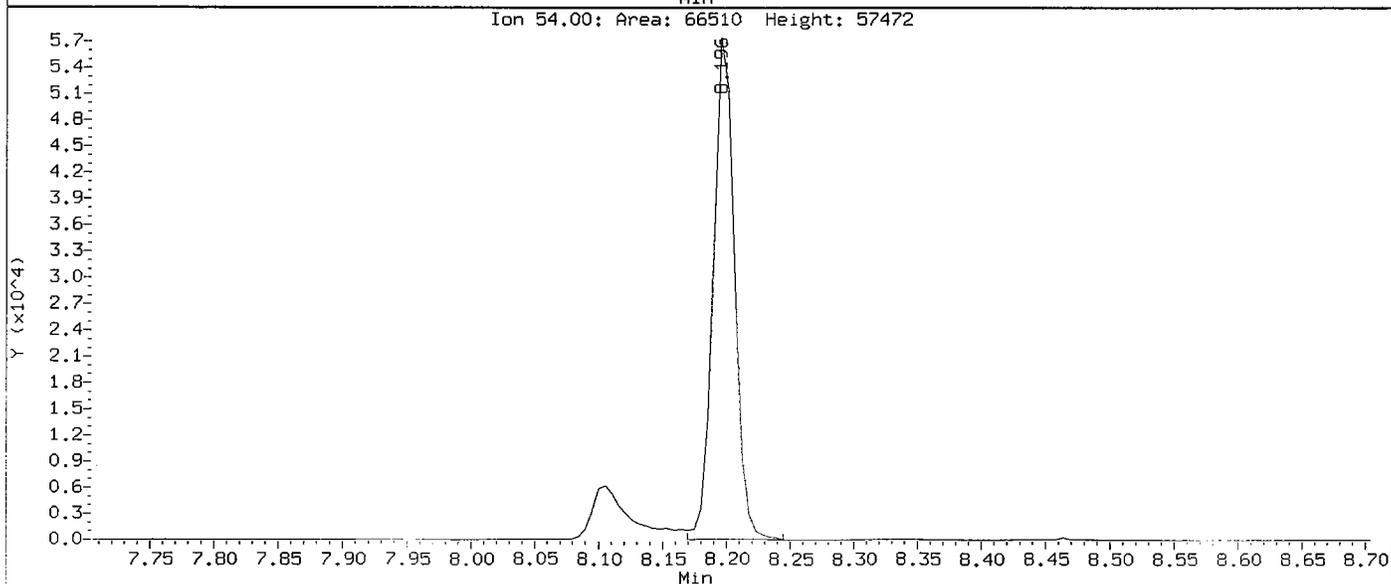
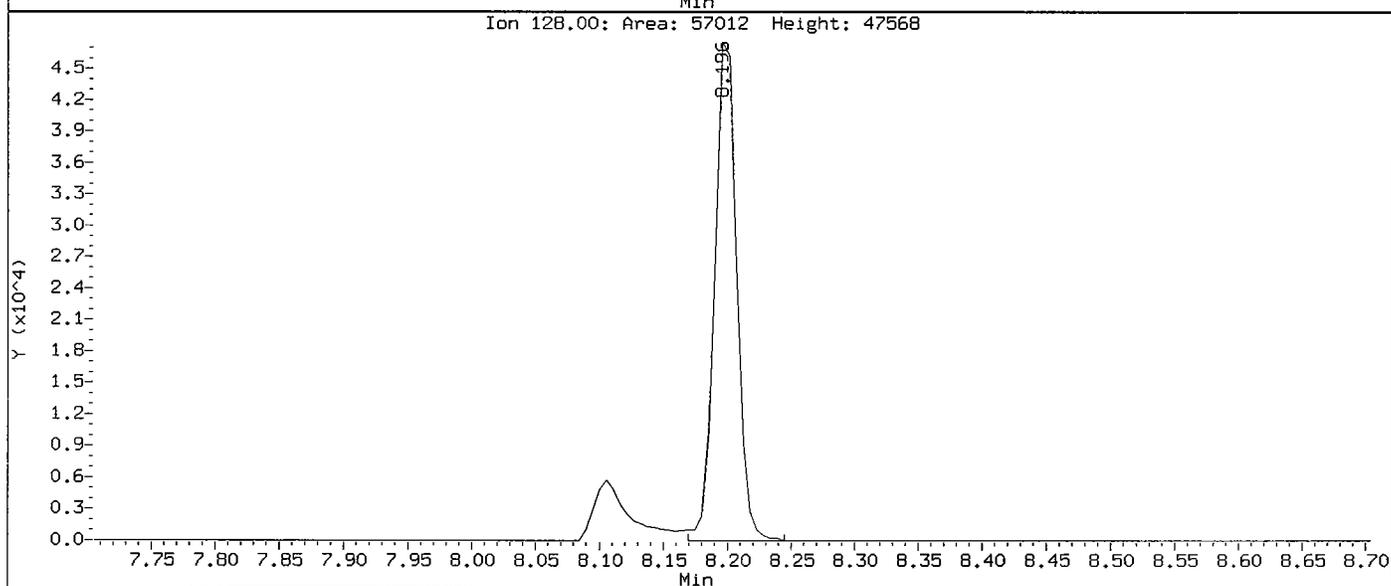
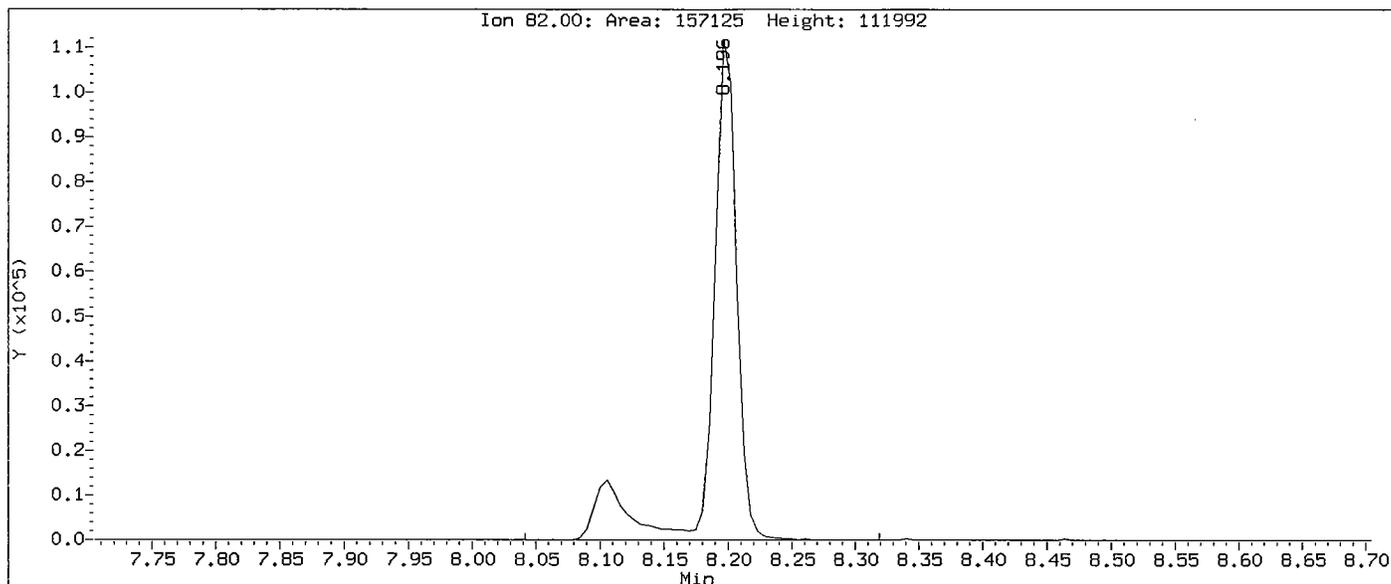
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Instrument: nt6.i
Client Sample ID: IH29MBS1

Compound: 1,2-Dichlorobenzene-d4
CAS Number: 2199-69-1



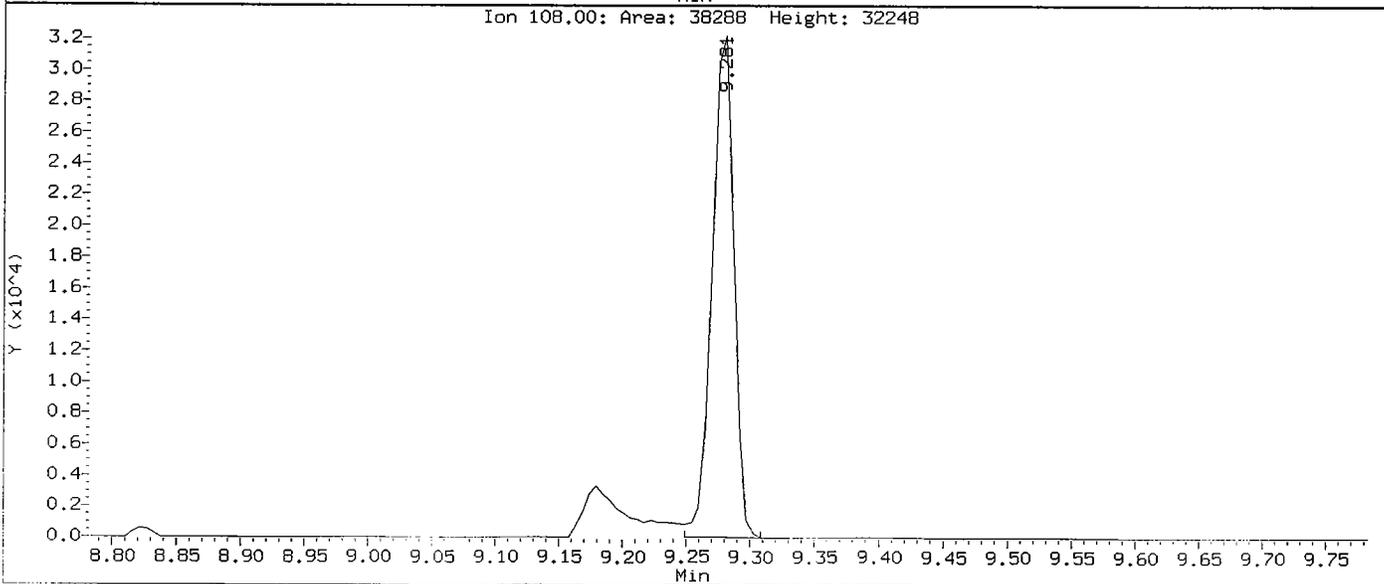
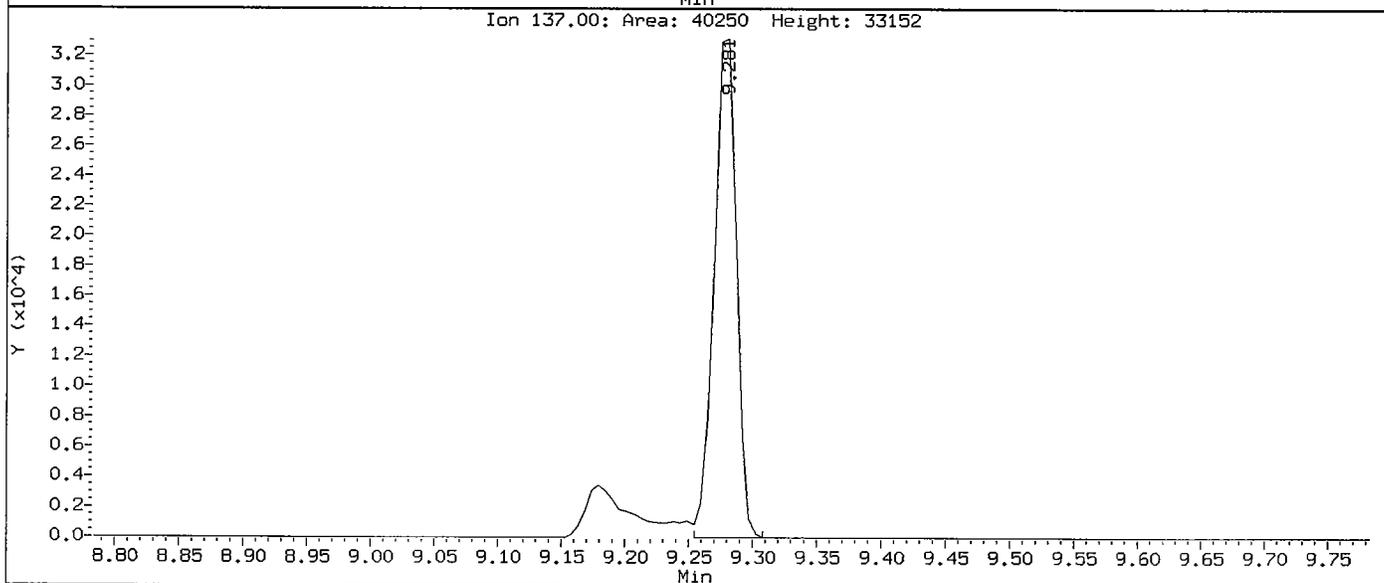
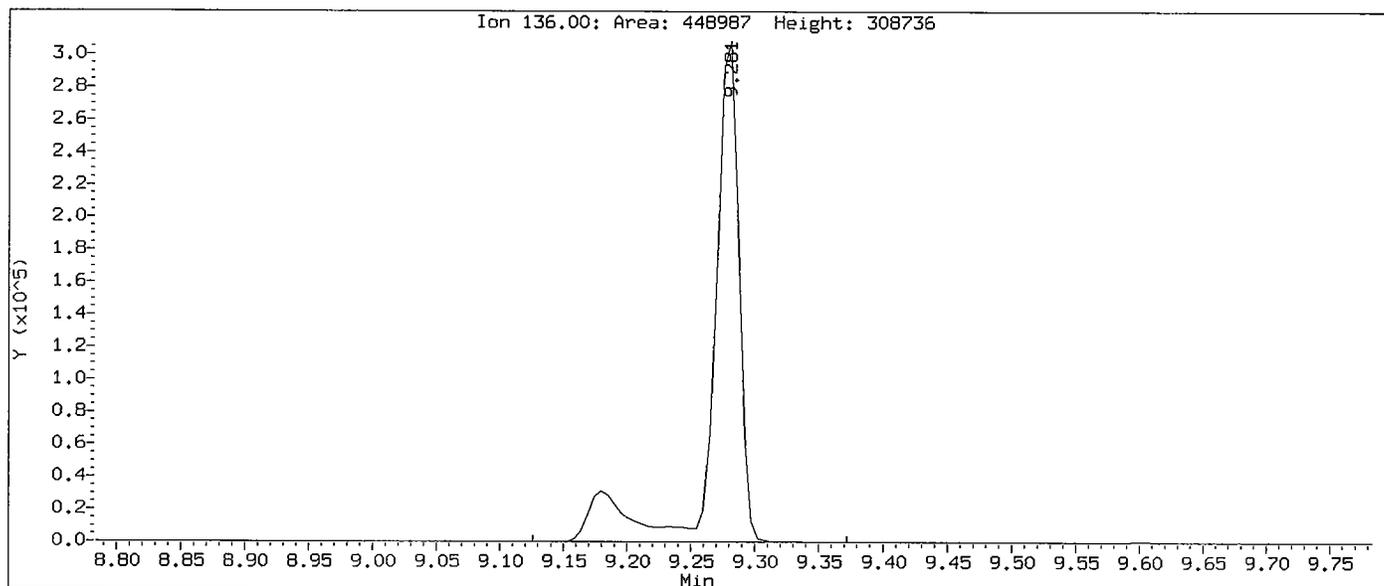
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Injection Date: 29-JUL-2005 16:19
Instrument: nt6.i
Client Sample ID: IH29MBS1

Compound: Nitrobenzene-d5
CAS Number: 4165-60-0



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Injection Date: 29-JUL-2005 16:19
Instrument: nt6.i
Client Sample ID: IH29MBS1

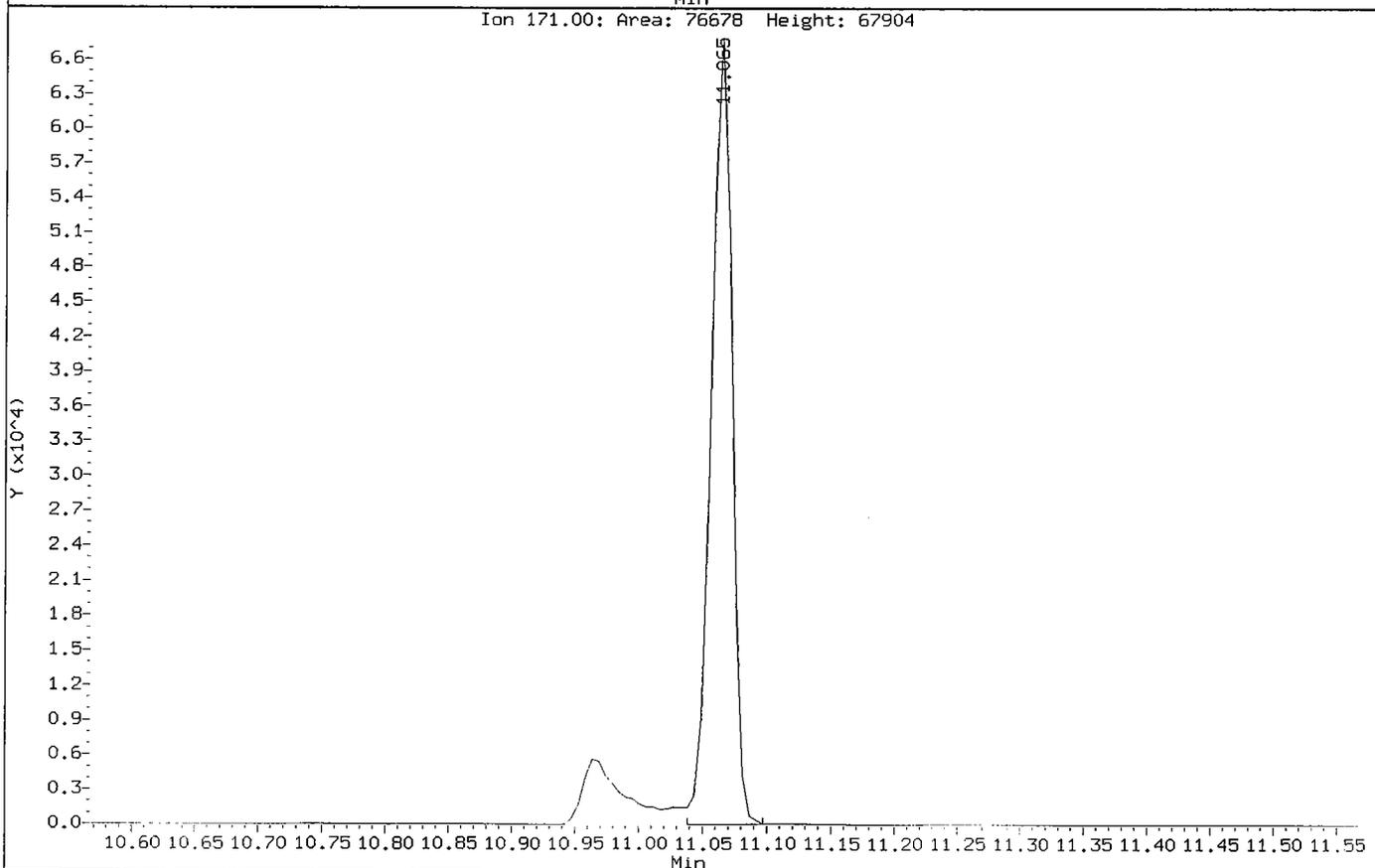
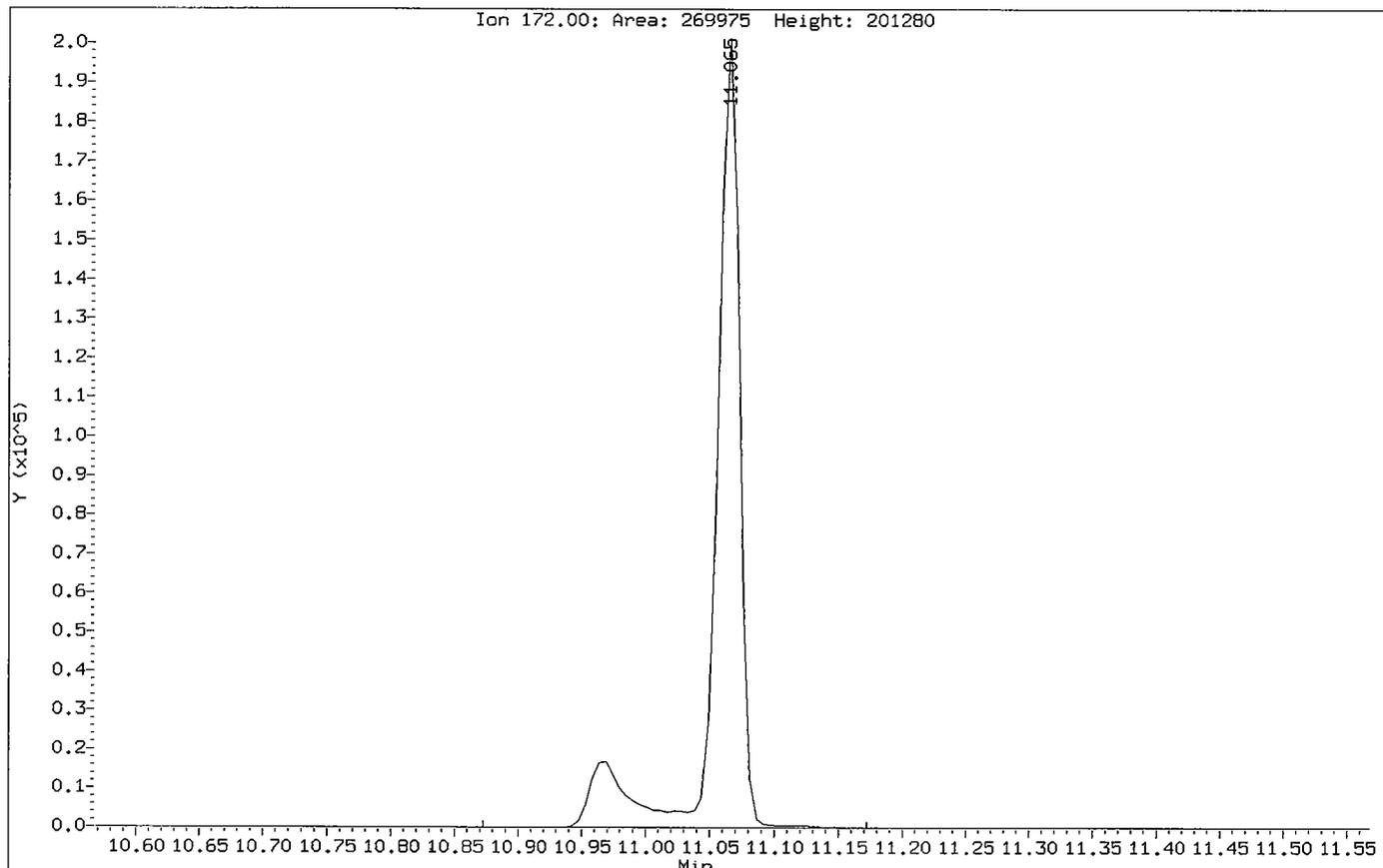
Compound: Naphthalene-d8
CAS Number: 1146-65-2



000456

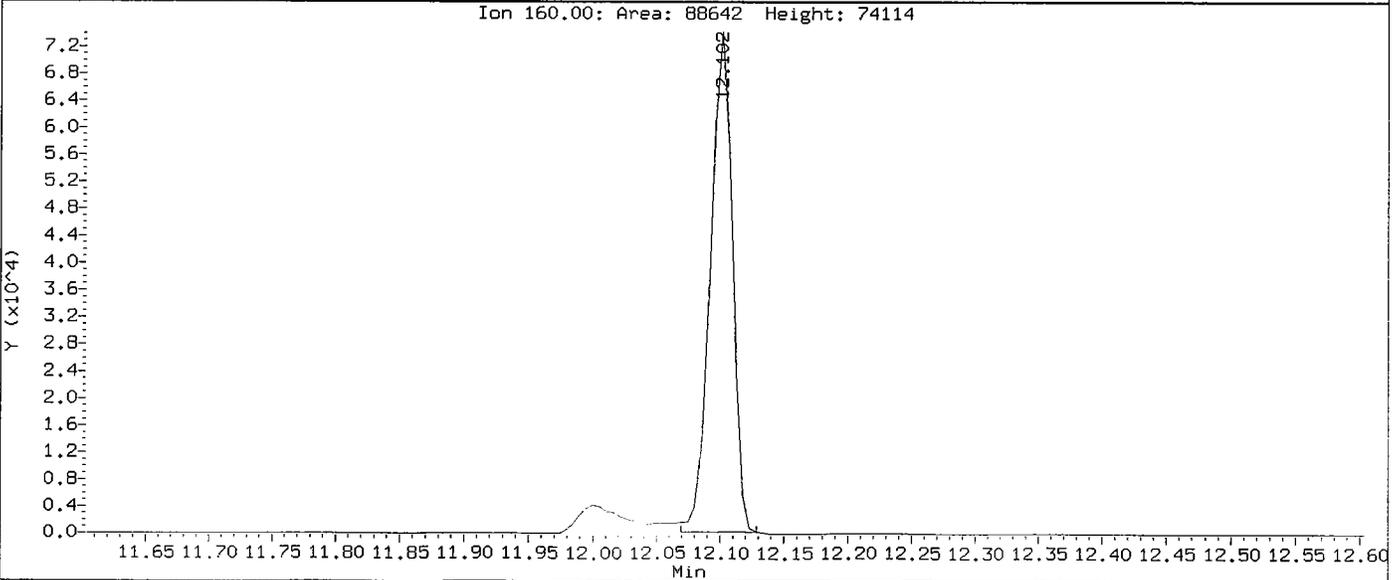
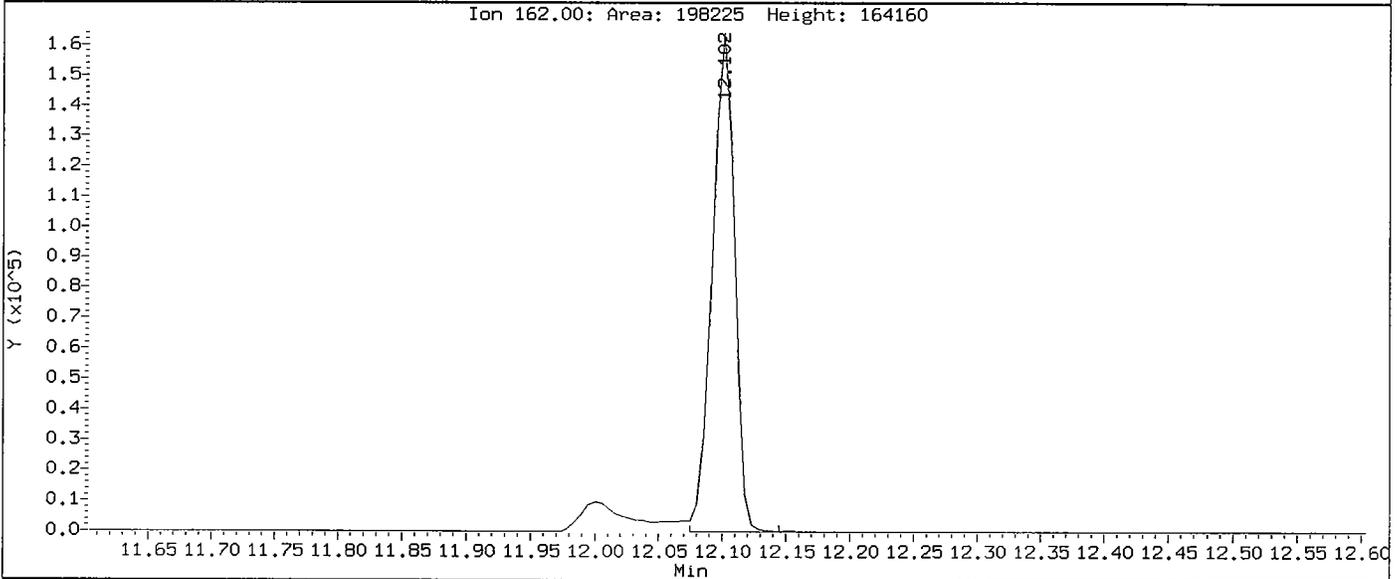
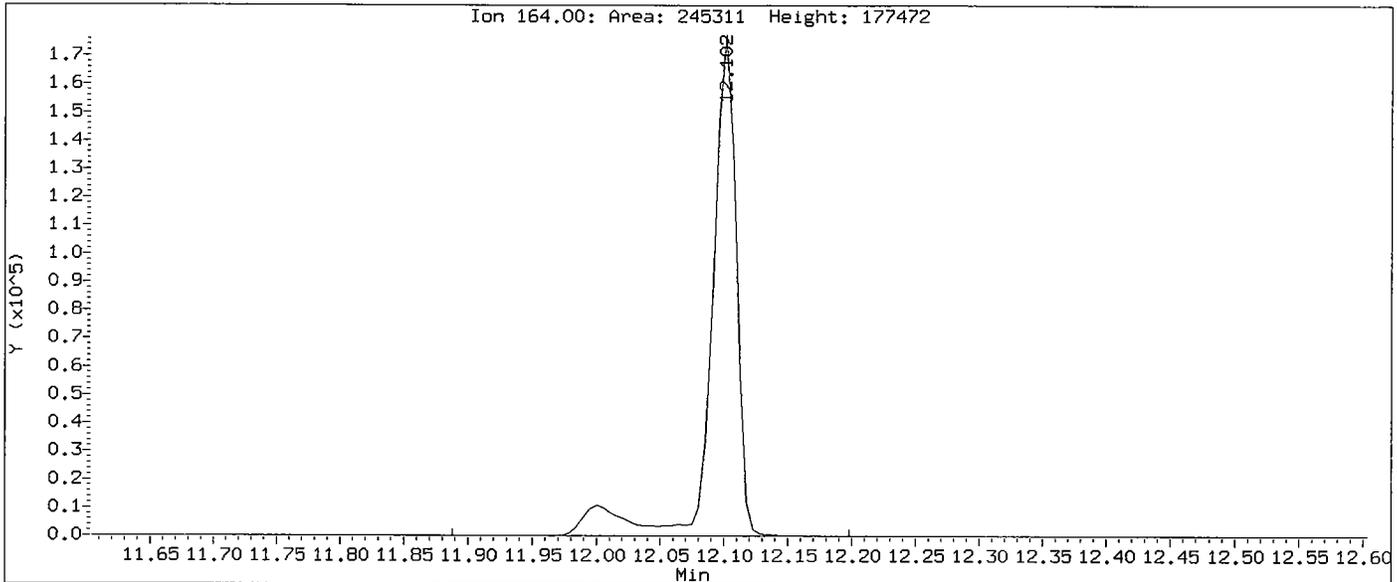
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Injection Date: 29-JUL-2005 16:19
Instrument: nt6.i
Client Sample ID: IH29MBS1

Compound: 2-Fluorobiphenyl
CAS Number: 321-60-8



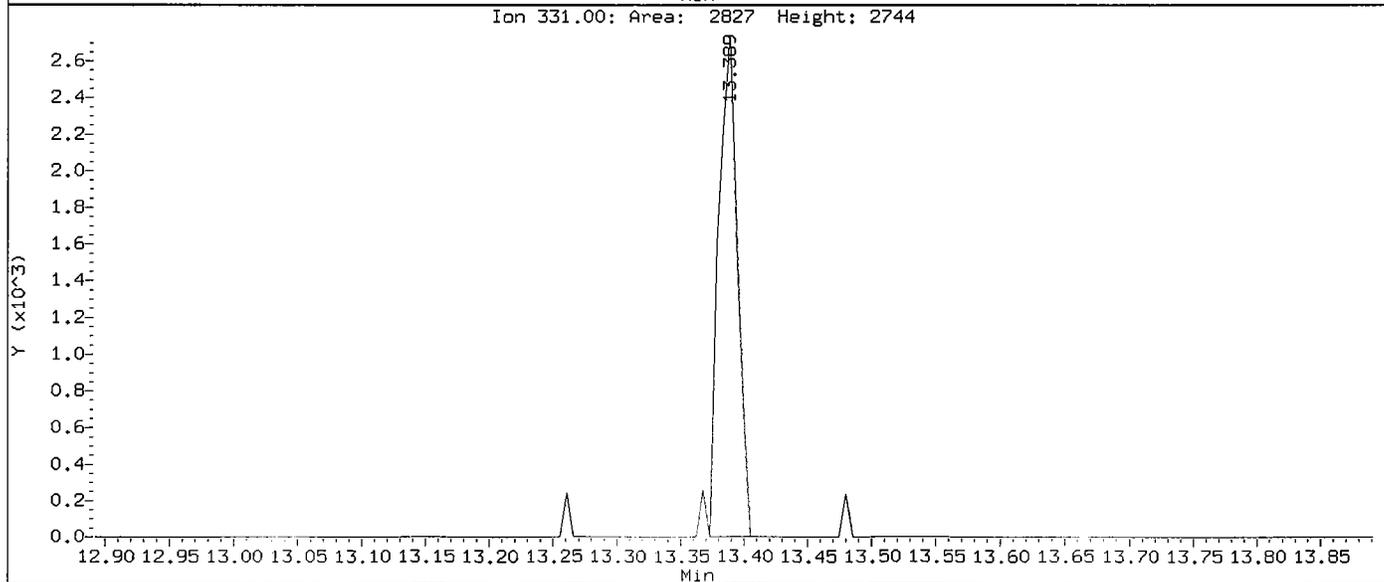
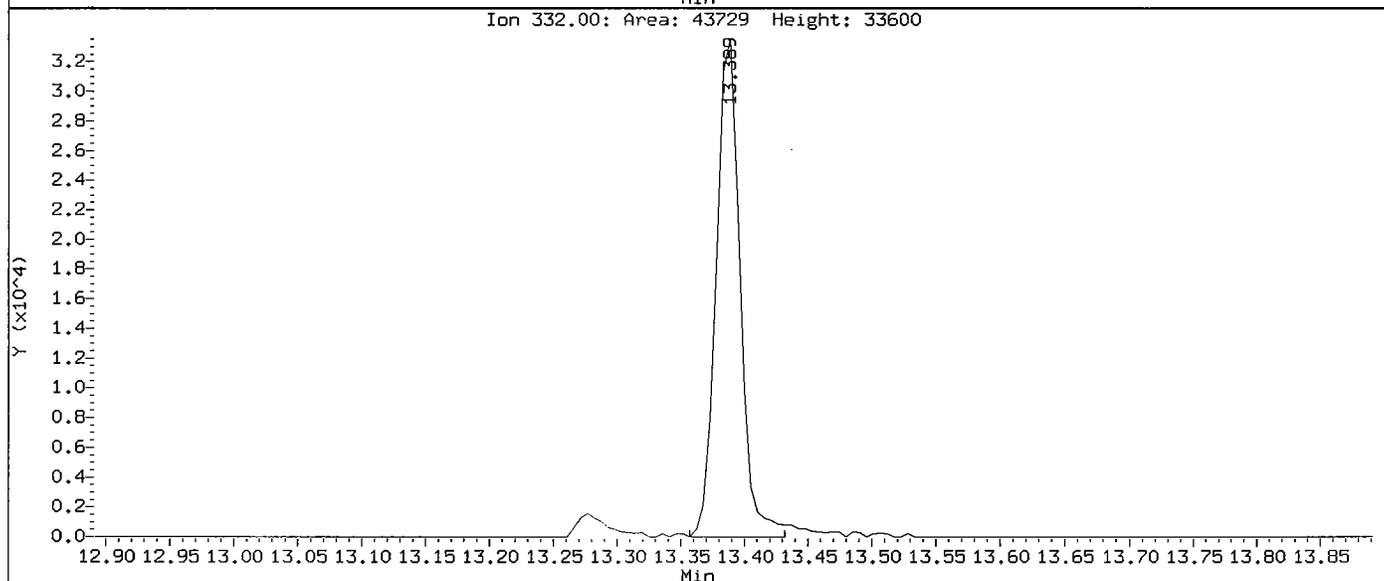
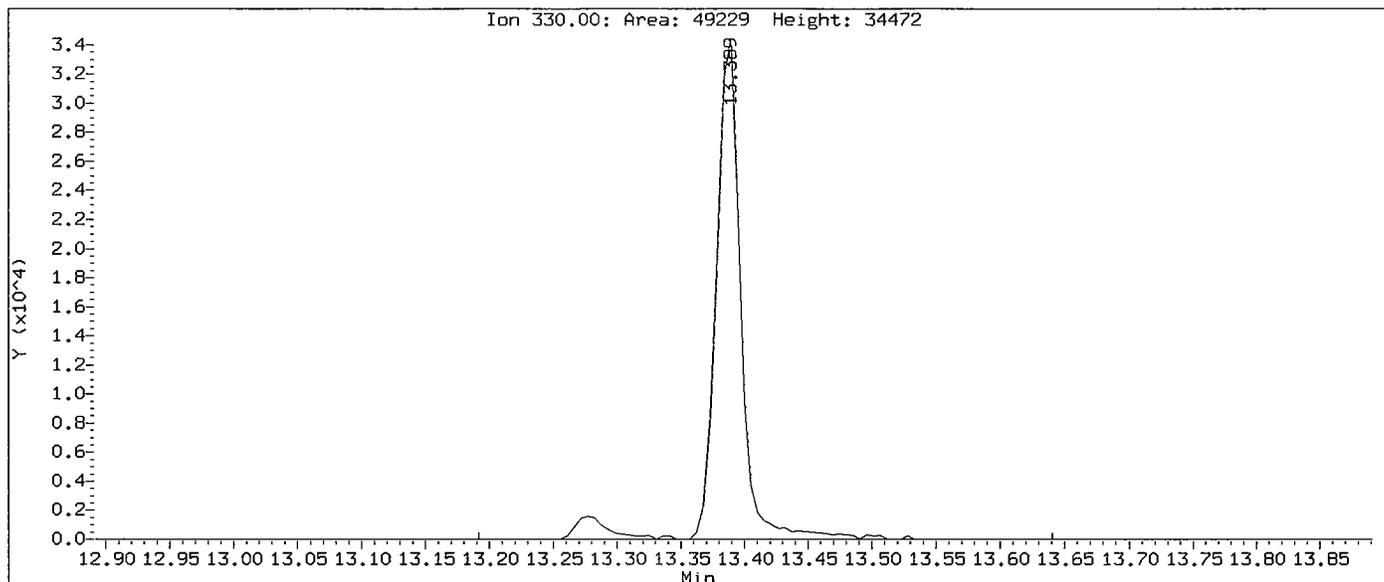
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Injection Date: 29-JUL-2005 16:19
Instrument: nt6.i
Client Sample ID: IH29MBS1

Compound: Acenaphthene-d10
CAS Number:



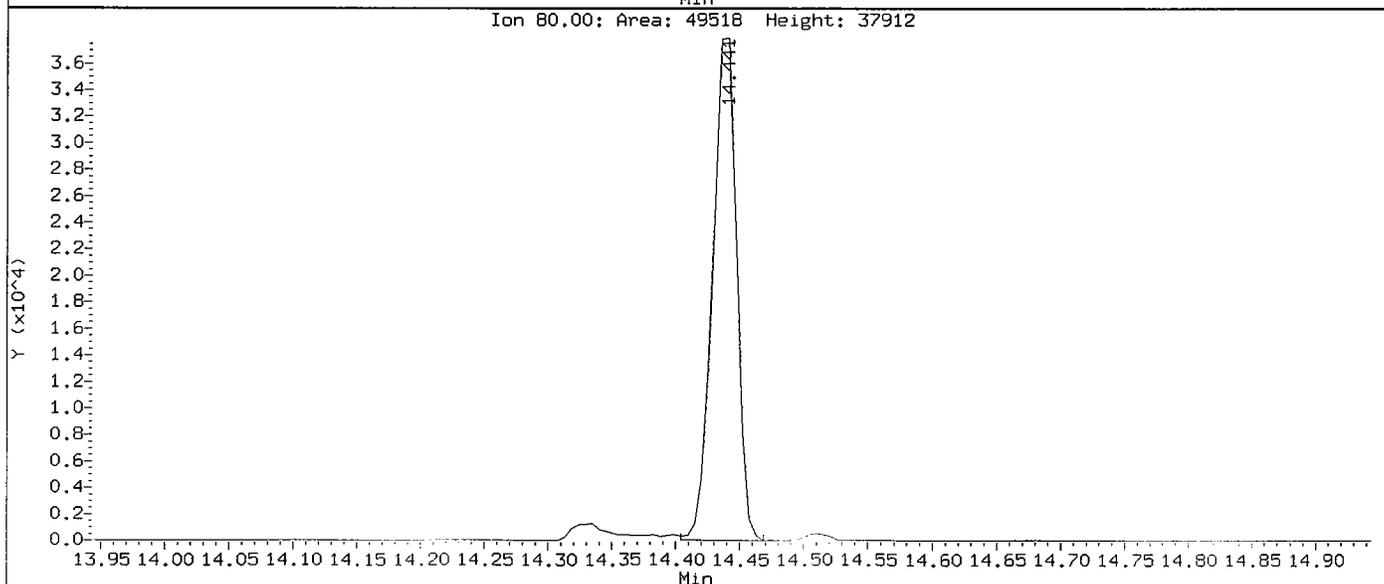
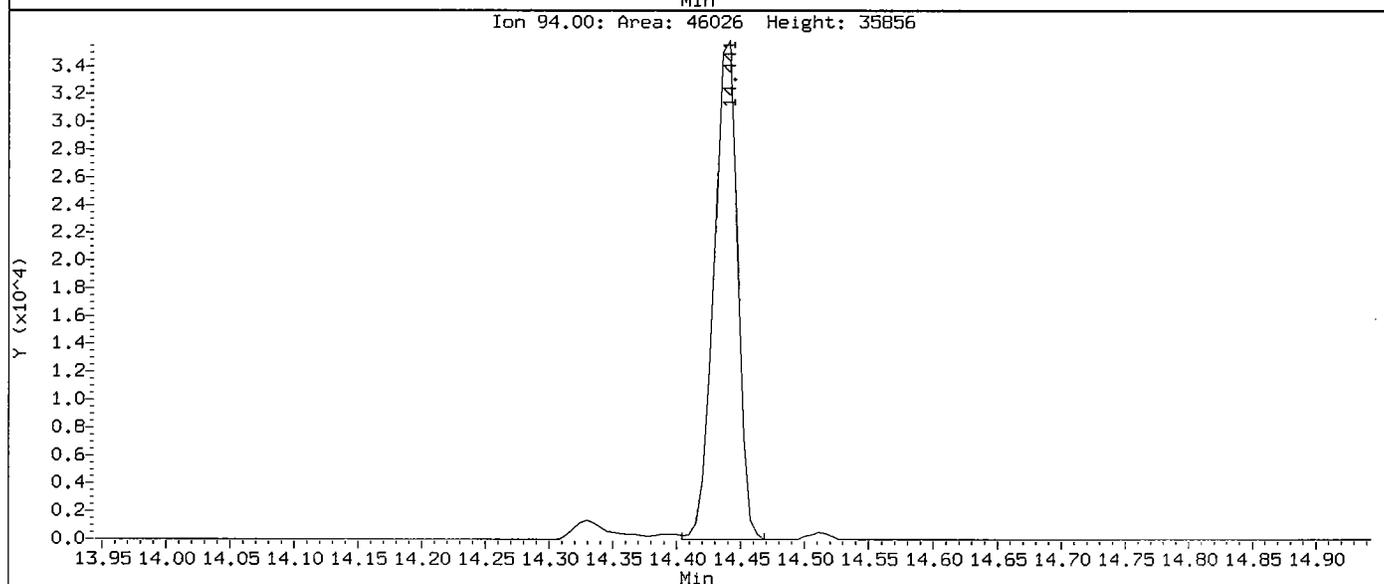
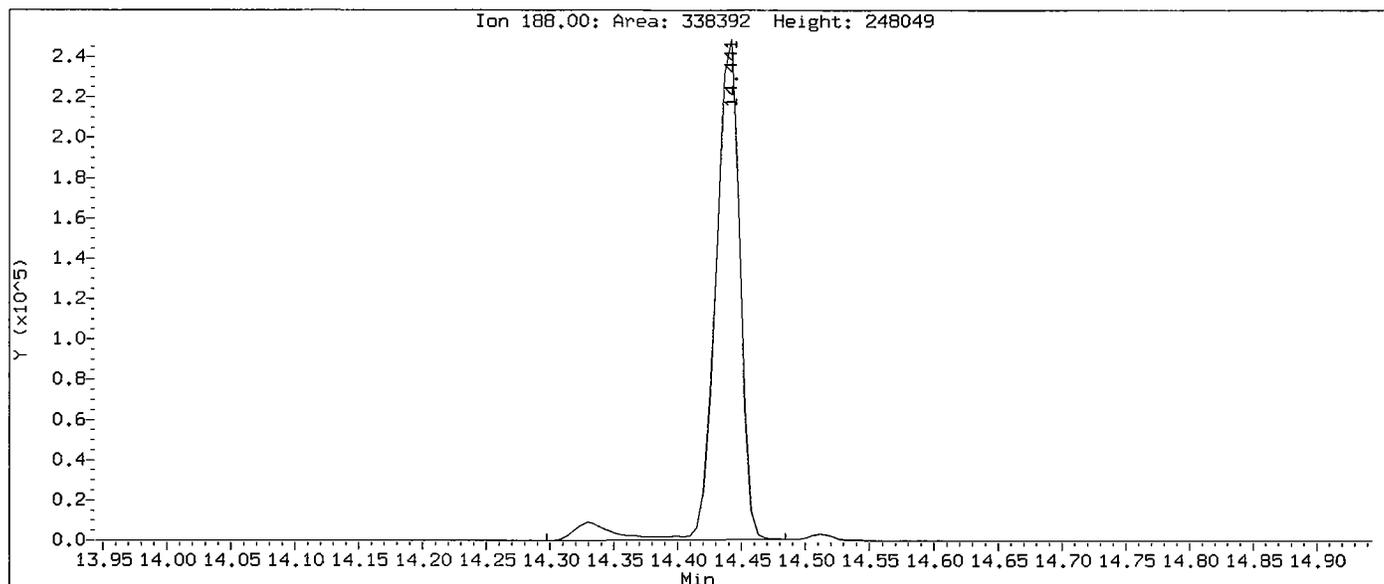
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Injection Date: 29-JUL-2005 16:19
Instrument: nt6.i
Client Sample ID: IH29MBS1

Compound: 2,4,6-Tribromophenol
CAS Number: 118-79-6



Data File: /chem1/nt6.i/20050729.b/ih29mb.d
Injection Date: 29-JUL-2005 16:19
Instrument: nt6.i
Client Sample ID: IH29MBS1

Compound: Phenanthrene-d10
CAS Number:



ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS
 Page 1 of 1

Sample ID: AN-RI-SEDC-04B
MATRIX SPIKE

Lab Sample ID: IH29H
 LIMS ID: 05-11910
 Matrix: Sediment
 Data Release Authorized:
 Reported: 08/02/05

QC Report No: IH29-Anchor Environmental
 Project: KC Former Scott Mill
 00010501/T2
 Date Sampled: 07/15/05
 Date Received: 07/18/05

Date Extracted: 07/27/05
 Date Analyzed: 08/01/05 17:51
 Instrument/Analyst: NT6/LJR
 GPC Cleanup: No

Sample Amount: 25.3 g-dry-wt
 Final Extract Volume: 0.5 mL
 Dilution Factor: 1.00
 Percent Moisture: 35.1%
 pH: 7.6

CAS Number	Analyte	RL	Result
108-95-2	Phenol	20	---
100-51-6	Benzyl Alcohol	20	< 20 U
95-48-7	2-Methylphenol	20	< 20 U
106-44-5	4-Methylphenol	20	< 20 U
67-72-1	Hexachloroethane	20	< 20 U
105-67-9	2,4-Dimethylphenol	20	< 20 U
65-85-0	Benzoic Acid	200	< 200 U
120-82-1	1,2,4-Trichlorobenzene	20	---
91-20-3	Naphthalene	20	< 20 U
87-68-3	Hexachlorobutadiene	20	< 20 U
91-57-6	2-Methylnaphthalene	20	< 20 U
131-11-3	Dimethylphthalate	20	< 20 U
208-96-8	Acenaphthylene	20	< 20 U
83-32-9	Acenaphthene	20	---
132-64-9	Dibenzofuran	20	< 20 U
84-66-2	Diethylphthalate	20	< 20 U
86-73-7	Fluorene	20	< 20 U
86-30-6	N-Nitrosodiphenylamine	20	< 20 U
87-86-5	Pentachlorophenol	99	---
85-01-8	Phenanthrene	20	< 20 U
120-12-7	Anthracene	20	< 20 U
84-74-2	Di-n-Butylphthalate	20	< 20 U
206-44-0	Fluoranthene	20	< 20 U
129-00-0	Pyrene	20	---
85-68-7	Butylbenzylphthalate	20	< 20 U
56-55-3	Benzo (a) anthracene	20	< 20 U
117-81-7	bis (2-Ethylhexyl) phthalate	20	< 20 U
218-01-9	Chrysene	20	< 20 U
117-84-0	Di-n-Octyl phthalate	20	< 20 U
205-99-2	Benzo (b) fluoranthene	20	< 20 U
207-08-9	Benzo (k) fluoranthene	20	< 20 U
50-32-8	Benzo (a) pyrene	20	< 20 U
193-39-5	Indeno (1,2,3-cd) pyrene	20	< 20 U
53-70-3	Dibenz (a,h) anthracene	20	< 20 U
191-24-2	Benzo (g,h,i) perylene	20	< 20 U

Reported in $\mu\text{g}/\text{kg}$ (ppb)

Semivolatile Surrogate Recovery

d5-Nitrobenzene	56.4%	2-Fluorobiphenyl	56.8%
d14-p-Terphenyl	49.2%	d4-1,2-Dichlorobenzene	46.0%
d5-Phenol	54.7%	2-Fluorophenol	48.3%
2,4,6-Tribromophenol	65.9%	d4-2-Chlorophenol	56.8%

Analytical Resources, Inc.

Semivolatile Report SW846 Method 8270C
 Data file : /chem1/nt6.i/20050801.b/ih29hms2.d
 Lab Smp Id: IH29HMS Client Smp ID: AN-RI-SEDC-04B MS
 Inj Date : 01-AUG-2005 17:51
 Operator : LJR/VS Inst ID: nt6.i
 Smp Info : IH29HMS
 Misc Info : 05-11910
 Comment : 1ul Injection
 Method : /chem1/nt6.i/20050801.b/SW846.m
 Meth Date : 02-Aug-2005 12:12 jeff Quant Type: ISTD
 Cal Date : 18-JUL-2005 15:41 Cal File: 0800718.d
 Als bottle: 5 QC Sample: MS
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: PSDDA.sub
 Target Version: 3.50

LJR
01/21/05

Concentration Formula: Amt * DF * Vt / (Ws * (100 - M) / 100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	500.00000	Volume of final extract (uL)
Ws	39.00000	Weight of sample extracted (g)
M	35.10000	% Moisture

Cpnd Variable

Local Compound Variable

Compounds	QUANT	SIG	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
							ON-COLUMN (ug/mL)	FINAL (ug/kg)
\$ 1 2-Fluorophenol	112		5.302	5.266	(0.740)	189963	18.1110	357.8
\$ 2 Phenol-d5	99		6.846	6.832	(0.956)	250021	20.5095	405.1 (M)
3 Phenol	94		6.862	6.848	(0.958)	296323	21.4752	424.2 (M)
\$ 5 2-Chlorophenol-d4	132		6.889	6.885	(0.962)	205991	21.3080	420.9 (M)
4 Bis(2-Chloroethyl)ether	93		Compound Not Detected.					
6 2-Chlorophenol	128		6.916	6.912	(0.966)	222493	21.3330	421.4 (M)
7 1,3-Dichlorobenzene	146		Compound Not Detected.					
* 8 1,4-Dichlorobenzene-d4	152		7.161	7.168	(1.000)	148510	20.0000	(M)
9 1,4-Dichlorobenzene	146		7.188	7.190	(1.004)	154057	13.6453	269.6 (M)
\$ 10 1,2-Dichlorobenzene-d4	152		7.460	7.462	(1.042)	72234	11.4655	226.6 (M)
12 1,2-Dichlorobenzene	146		Compound Not Detected.					
11 Benzyl alcohol	108		Compound Not Detected.					
14 2,2'-oxybis(1-Chloropropane)	45		Compound Not Detected.					
13 2-Methylphenol	108		Compound Not Detected.					
17 Hexachloroethane	117		Compound Not Detected.					

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS		
						ON-COLUMN (ug/mL)	FINAL (ug/kg)	
16 N-Nitroso-di-n-propylamine	70	7.957	7.970	(1.111)	117201	14.4635	285.7 (M)	
15 4-Methylphenol	108	Compound Not Detected.						
§ 18 Nitrobenzene-d5	82	8.112	8.119	(0.883)	161346	14.0885	278.3 (M)	
19 Nitrobenzene	77	Compound Not Detected.						
20 Isophorone	82	Compound Not Detected.						
21 2-Nitrophenol	139	Compound Not Detected.						
22 2,4-Dimethylphenol	107	Compound Not Detected.						
23 Bis(2-Chloroethoxy)methane	93	Compound Not Detected.						
24 Benzoic acid	105	Compound Not Detected.						
25 2,4-Dichlorophenol	162	Compound Not Detected.						
26 1,2,4-Trichlorobenzene	180	9.143	9.150	(0.995)	112268	14.8029	292.4 (M)	
* 27 Naphthalene-d8	136	9.191	9.198	(1.000)	497171	20.0000	(M)	
28 Naphthalene	128	Compound Not Detected.						
29 4-Chloroaniline	127	Compound Not Detected.						
30 Hexachlorobutadiene	225	Compound Not Detected.						
31 4-Chloro-3-methylphenol	107	10.254	10.251	(1.116)	190896	25.0224	494.3 (M)	
32 2-Methylnaphthalene	141	Compound Not Detected.						
33 Hexachlorocyclopentadiene	237	Compound Not Detected.						
34 2,4,6-Trichlorophenol	196	Compound Not Detected.						
35 2,4,5-Trichlorophenol	196	Compound Not Detected.						
§ 36 2-Fluorobiphenyl	172	10.981	10.983	(0.914)	247890	14.2429	281.4 (M)	
37 2-Chloronaphthalene	162	Compound Not Detected.						
38 2-Nitroaniline	65	Compound Not Detected.						
39 Dimethylphthalate	163	Compound Not Detected.						
40 Acenaphthylene	152	Compound Not Detected.						
41 2,6-Dinitrotoluene	165	Compound Not Detected.						
* 42 Acenaphthene-d10	164	12.017	12.019	(1.000)	259463	20.0000	(M)	
43 3-Nitroaniline	138	Compound Not Detected.						
44 Acenaphthene	153	12.065	12.067	(1.004)	237690	15.2230	300.7 (M)	
45 2,4-Dinitrophenol	184	Compound Not Detected.						
46 Dibenzofuran	168	Compound Not Detected.						
47 4-Nitrophenol	109	12.429	12.430	(1.034)	47251	26.8052	529.5 (M)	
48 2,4-Dinitrotoluene	165	12.450	12.457	(1.036)	73561	15.5962	308.1 (M)	
50 Diethylphthalate	149	Compound Not Detected.						
49 Fluorene	166	Compound Not Detected.						
51 4-Chlorophenyl-phenylether	204	Compound Not Detected.						
52 4-Nitroaniline	138	Compound Not Detected.						
53 4,6-Dinitro-2-methylphenol	198	Compound Not Detected.						
54 N-Nitrosodiphenylamine	169	Compound Not Detected.						
§ 55 2,4,6-Tribromophenol	330	13.299	13.306	(1.107)	43156	24.7291	488.5 (M)	
56 4-Bromophenyl-phenylether	248	Compound Not Detected.						
57 Hexachlorobenzene	284	Compound Not Detected.						
58 Pentachlorophenol	266	14.197	14.204	(0.989)	60002	30.7168	606.8 (M)	
* 59 Phenanthrene-d10	188	14.352	14.353	(1.000)	343006	20.0000	(M)	
60 Phenanthrene	178	Compound Not Detected.						
61 Anthracene	178	Compound Not Detected.						
62 Carbazole	167	Compound Not Detected.						

Compounds	QUANT SIG MASS	RT	EXP RT	RBL RT	RESPONSE	CONCENTRATIONS	
						ON-COLUMN (ug/mL)	FINAL (ug/kg)
63 Di-n-butylphthalate	149				Compound Not Detected.		
64 Fluoranthene	202				Compound Not Detected.		
65 Pyrene	202	16.649	16.651	(0.894)	340744	12.7695	252.3
\$ 66 Terphenyl-d14	244	16.985	16.987	(0.912)	202916	12.2585	242.2
67 Butylbenzylphthalate	149				Compound Not Detected.		
68 Benzo(a)anthracene	228				Compound Not Detected.		
* 69 Chrysene-d12	240	18.615	18.622	(1.000)	307840	20.0000	
70 3,3'-Dichlorobenzidine	252				Compound Not Detected.		
71 Chrysene	228				Compound Not Detected.		
72 bis(2-Ethylhexyl)phthalate	149				Compound Not Detected.		
* 134 Di-n-octylphthalate-d4	153	19.785	19.786	(1.000)	568160	20.0000	
73 Di-n-octylphthalate	149				Compound Not Detected.		
74 Benzo(b)fluoranthene	252				Compound Not Detected.		
75 Benzo(k)fluoranthene	252				Compound Not Detected.		
76 Benzo(a)pyrene	252				Compound Not Detected.		
* 77 Perylene-d12	264	20.757	20.753	(1.000)	342479	20.0000	
78 Indeno(1,2,3-cd)pyrene	276				Compound Not Detected.		
79 Dibenzo(a,h)anthracene	278				Compound Not Detected.		
80 Benzo(g,h,i)perylene	276				Compound Not Detected.		

QC Flag Legend

M - Compound response manually integrated.

Analytical Resources, Inc.

INTERNAL STANDARD COMPOUNDS
 AREA AND RT SUMMARY

Instrument ID: nt6.i
 Lab File ID: ih29hms2.d
 Lab Smp Id: IH29HMS
 Analysis Type: SV
 Quant Type: ISTD
 Operator: LJR/VS
 Method File: /chem1/nt6.i/20050801.b/SW846.m
 Misc Info: 05-11910

Calibration Date: 01-AUG-2005
 Calibration Time: 15:03
 Client Smp ID: AN-RI-SEDC-04B M
 Level: LOW
 Sample Type: Sediment

COMPOUND	STANDARD	AREA LIMIT		SAMPLE	%DIFF
		LOWER	UPPER		
8 1,4-Dichlorobenze	134662	67331	269324	148510	10.28
27 Naphthalene-d8	478580	239290	957160	497171	3.88
42 Acenaphthene-d10	261164	130582	522328	259463	-0.65
59 Phenanthrene-d10	368195	184098	736390	343006	-6.84
69 Chrysene-d12	267475	133738	534950	307840	15.09
134 Di-n-octylphthala	494628	247314	989256	568160	14.87
77 Perylene-d12	300548	150274	601096	342479	13.95

COMPOUND	STANDARD	RT LIMIT		SAMPLE	%DIFF
		LOWER	UPPER		
8 1,4-Dichlorobenze	7.17	6.67	7.67	7.16	-0.10
27 Naphthalene-d8	9.20	8.70	9.70	9.19	-0.08
42 Acenaphthene-d10	12.02	11.52	12.52	12.02	-0.01
59 Phenanthrene-d10	14.35	13.85	14.85	14.35	-0.01
69 Chrysene-d12	18.62	18.12	19.12	18.61	-0.04
134 Di-n-octylphthala	19.79	19.29	20.29	19.78	-0.01
77 Perylene-d12	20.75	20.25	21.25	20.76	0.02

AREA UPPER LIMIT = +100% of internal standard area.
 AREA LOWER LIMIT = - 50% of internal standard area.
 RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
 RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

Analytical Resources, Inc.

RECOVERY REPORT

Client Name: ANCHOR
 Sample Matrix: SOLID
 Lab Smp Id: IH29HMS
 Level: LOW
 Data Type: MS DATA
 SpikeList File: PSDDAMS.spk
 Sublist File: PSDDA.sub
 Method File: /chem1/nt6.i/20050801.b/SW846.m
 Misc Info: 05-11910

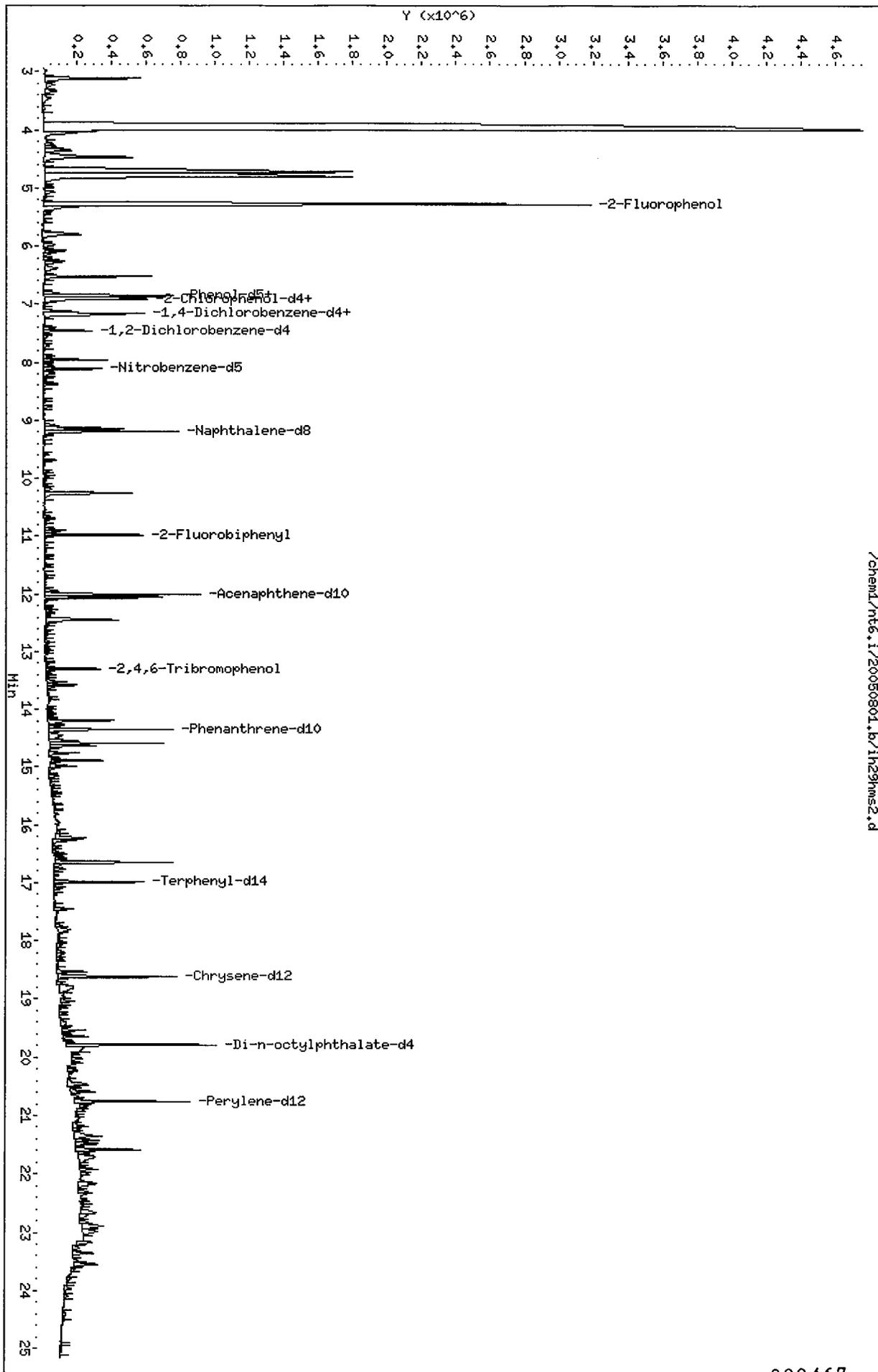
Client SDG: IH29
 Fraction: SV
 Client Smp ID: AN-RI-SEDC-04B MS
 Operator: LJR/VS
 SampleType: MS
 Quant Type: ISTD

SPIKE COMPOUND	CONC ADDED ug/kg	CONC RECOVERED ug/kg	% RECOVERED	LIMITS
3 Phenol	740.8	424.2	57.27	32-121
6 2-Chlorophenol	740.8	421.4	56.89	39-111
9 1,4-Dichlorobenzen	493.9	269.6	54.58	34-88
16 N-Nitroso-di-n-pro	493.9	285.7	57.85	24-100
26 1,2,4-Trichloroben	493.9	292.4	59.21	41-91
31 4-Chloro-3-methylp	740.8	494.3	66.73	48-110
44 Acenaphthene	493.9	300.7	60.89	48-108
47 4-Nitrophenol	740.8	529.5	71.48	27-155
48 2,4-Dinitrotoluene	493.9	308.1	62.38	30-124
58 Pentachlorophenol	740.8	606.8	81.91	28-151
65 Pyrene	493.9	252.3	51.08	10-153

SURROGATE COMPOUND	CONC ADDED ug/kg	CONC RECOVERED ug/kg	% RECOVERED	LIMITS
\$ 1 2-Fluorophenol	740.8	357.8	48.30	24-112
\$ 2 Phenol-d5	740.8	405.1	54.69	29-109
\$ 5 2-Chlorophenol-d4	740.8	420.9	56.82	34-101
\$ 10 1,2-Dichlorobenzen	493.9	226.6	45.88	30-84
\$ 18 Nitrobenzene-d5	493.9	278.3	56.35	28-103
\$ 36 2-Fluorobiphenyl	493.9	281.4	56.97	33-104
\$ 55 2,4,6-Tribromophen	740.8	488.5	65.94	27-134
\$ 66 Terphenyl-d14	493.9	242.2	49.03	31-120

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Client ID: AN-RI-SEDC-04B HS
Sample Info: IH29HMS
Volume Injected (uL): 1.0
Column phase: RTX-5

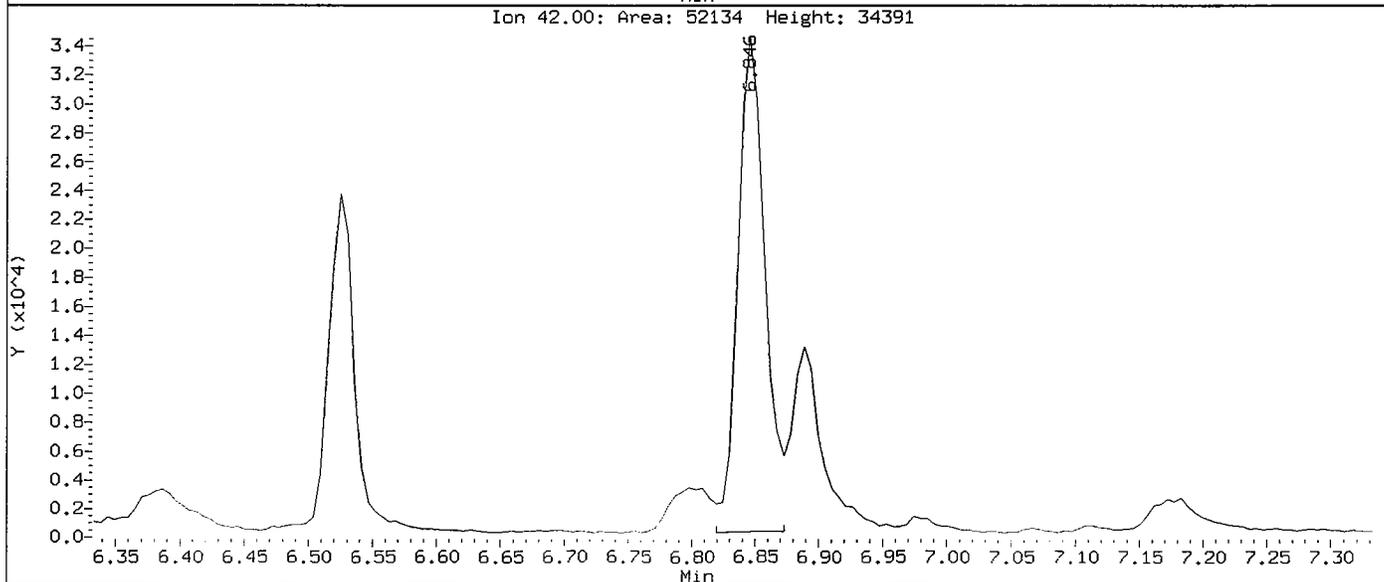
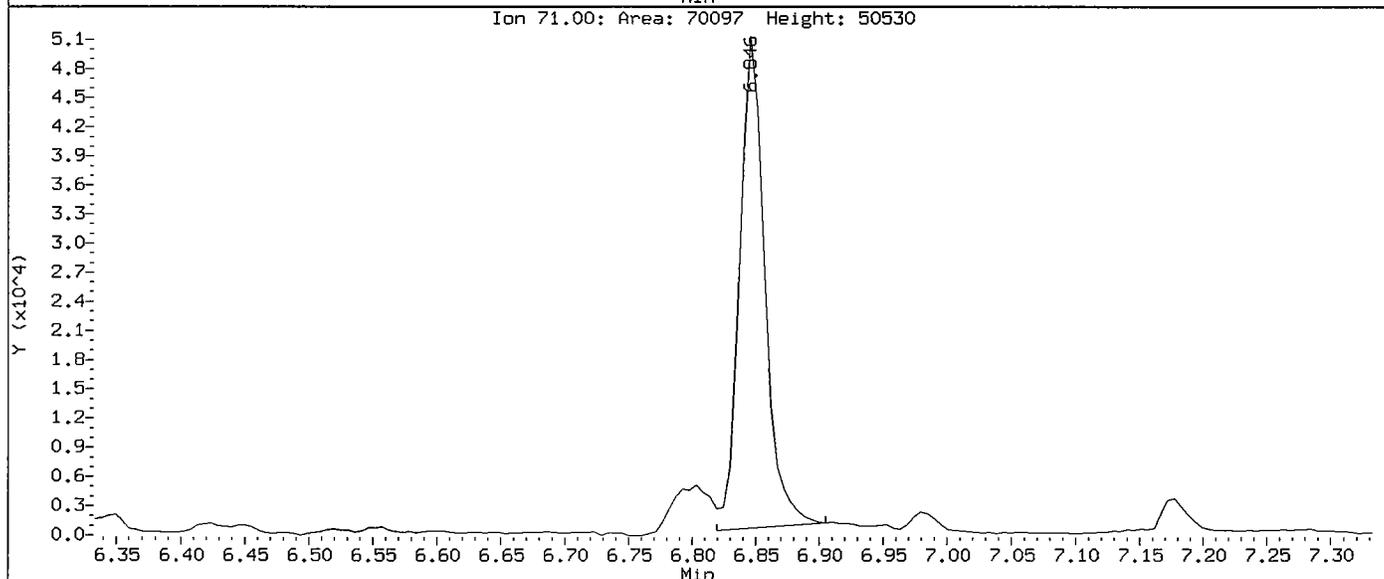
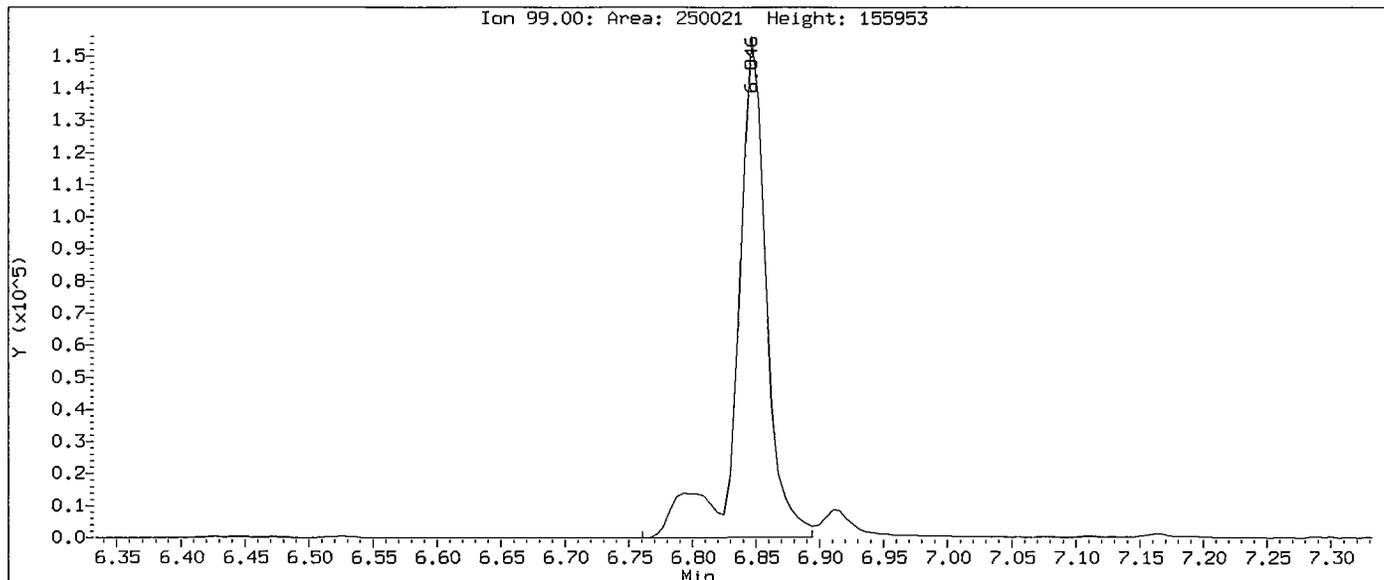
Instrument: nt6.i
Operator: LJR/VS
Column diameter: 0.32



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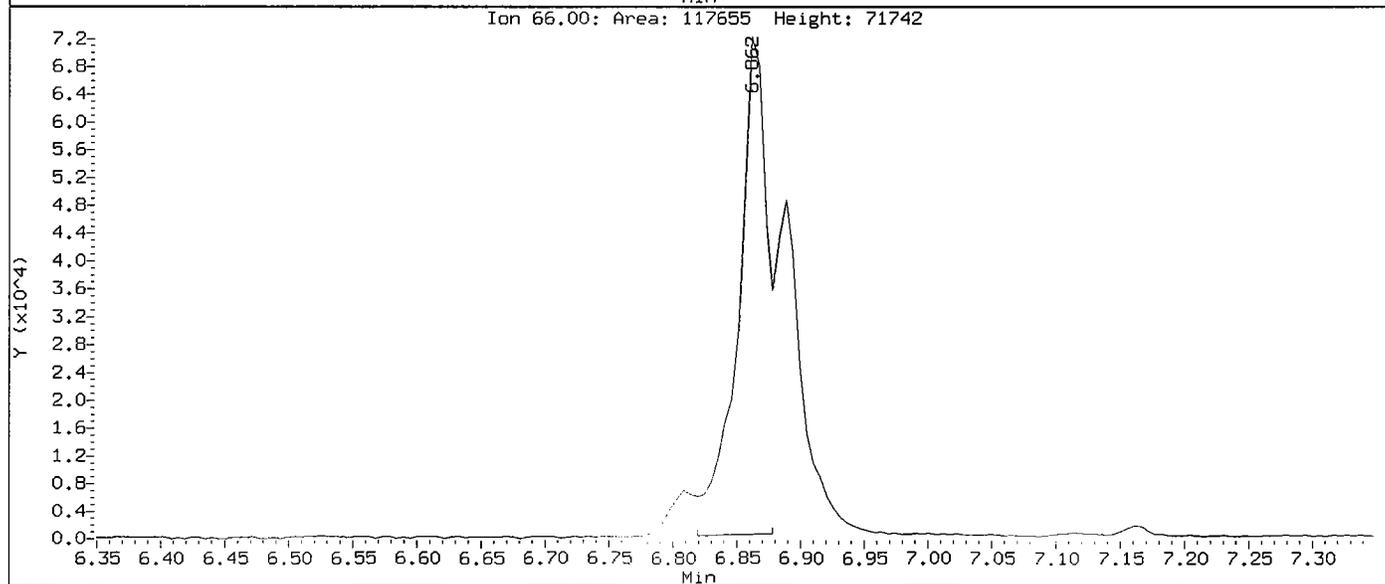
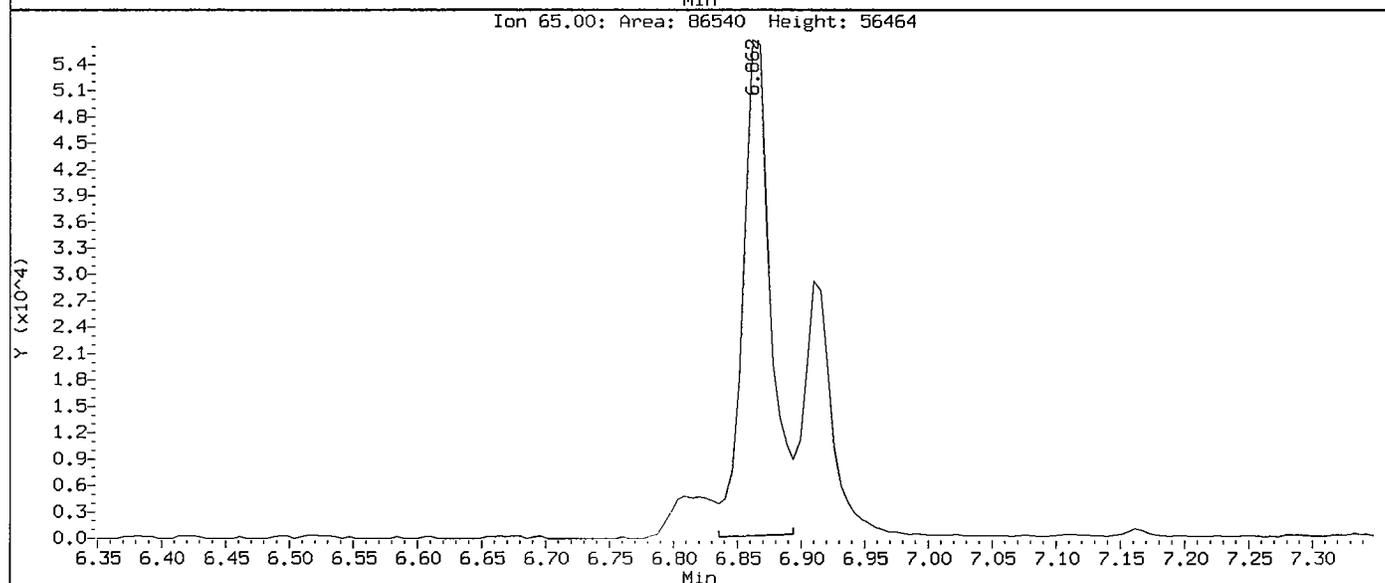
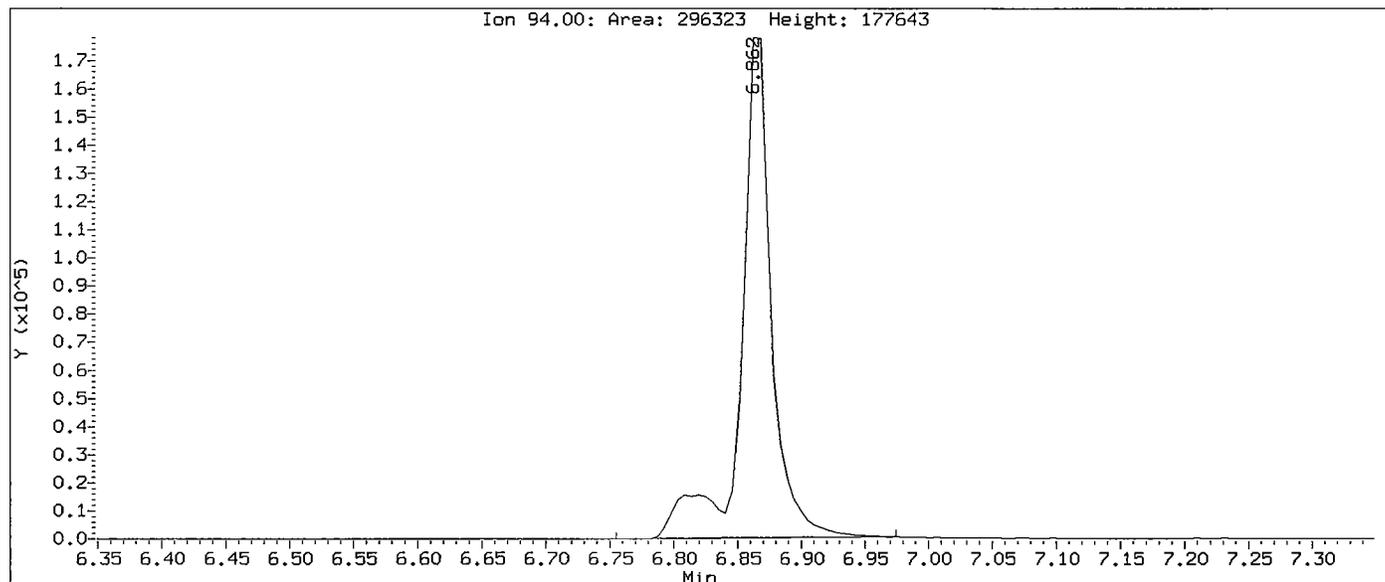
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Instrument: nt6.1
Client Sample ID: AN-RI-SEDC-04B MS

Compound: Phenol-d5
CAS Number:



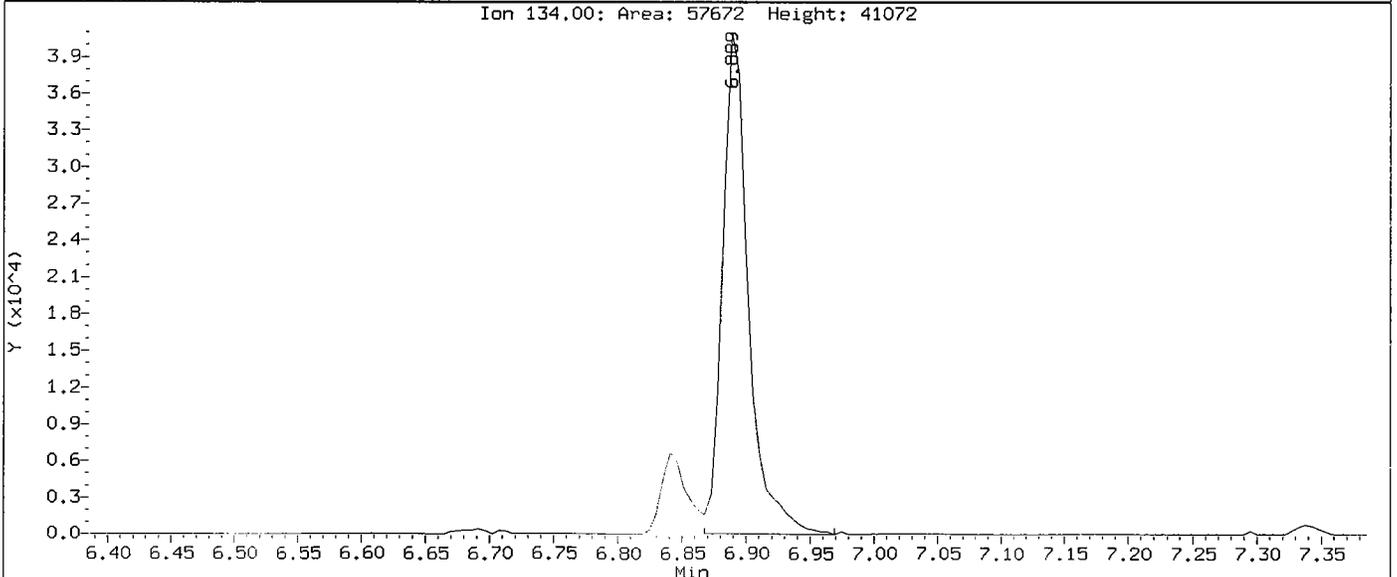
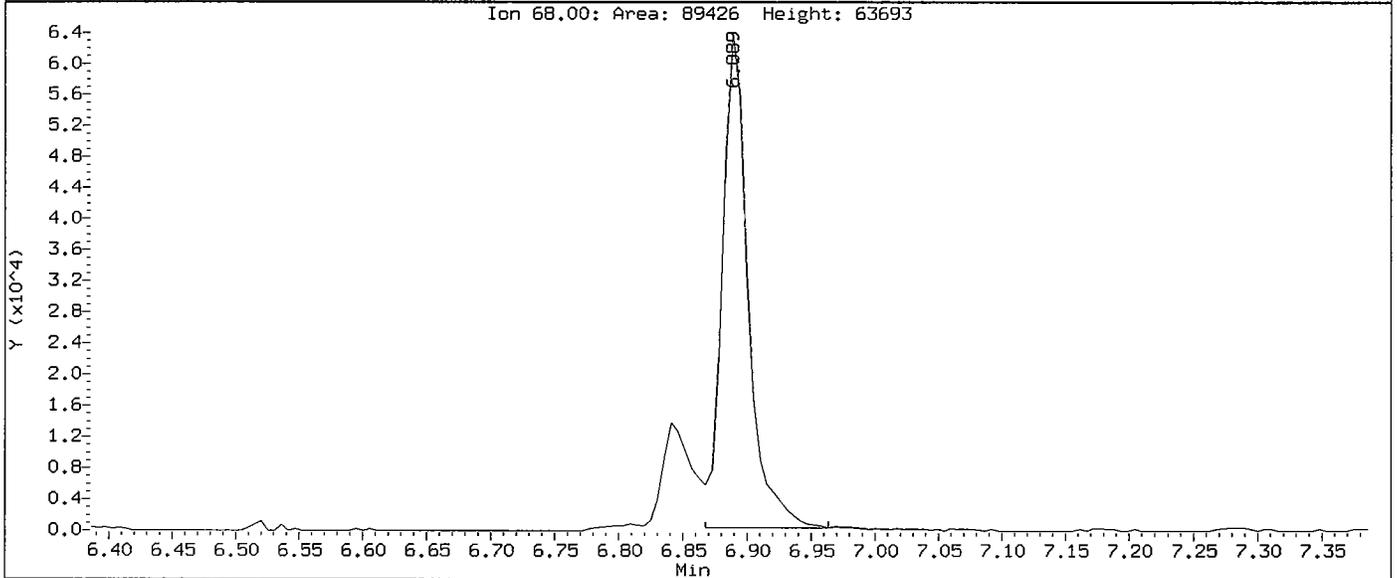
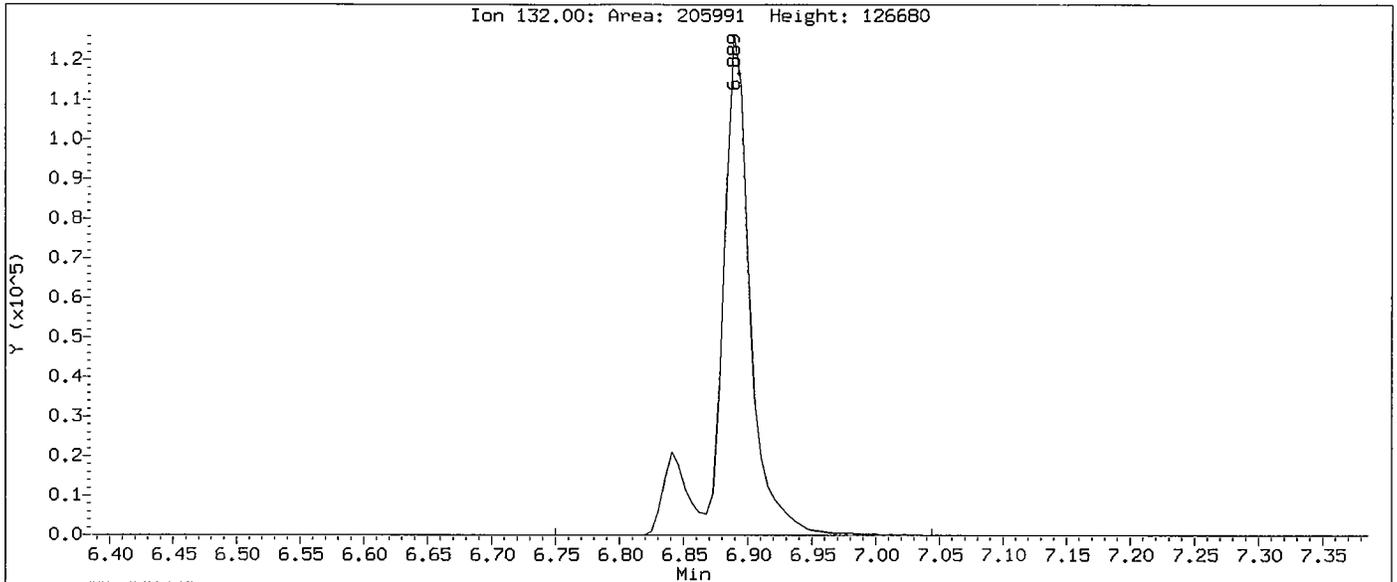
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Instrument: nt6.1
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Compound: Phenol
CAS Number: 108-95-2



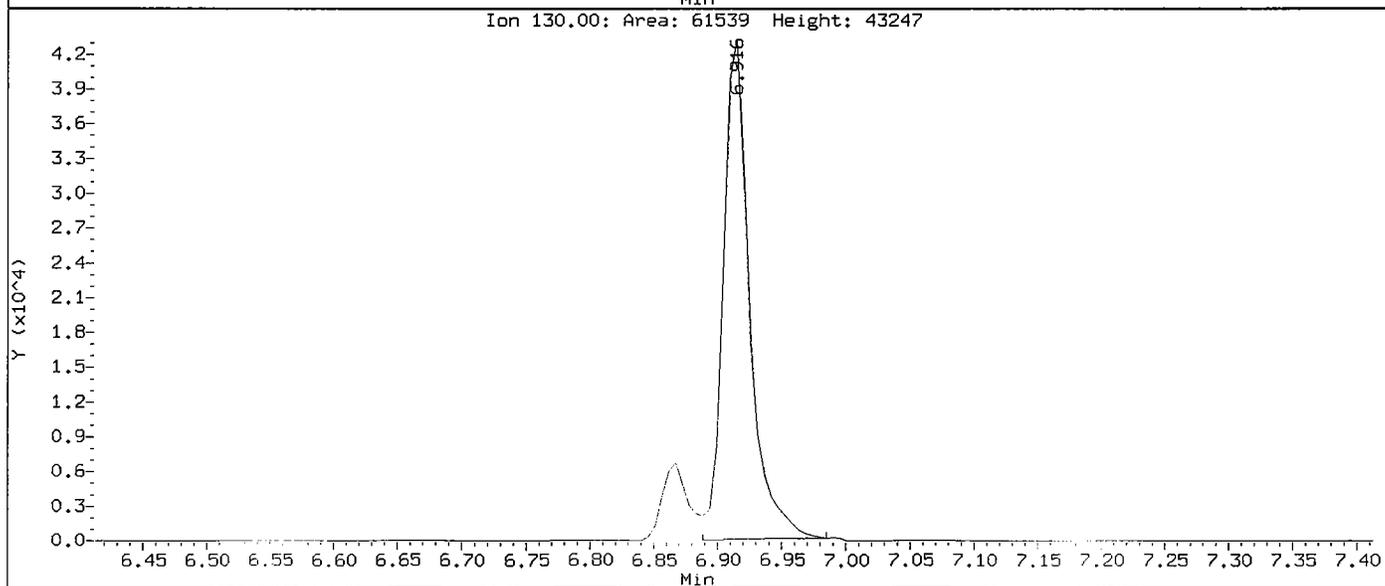
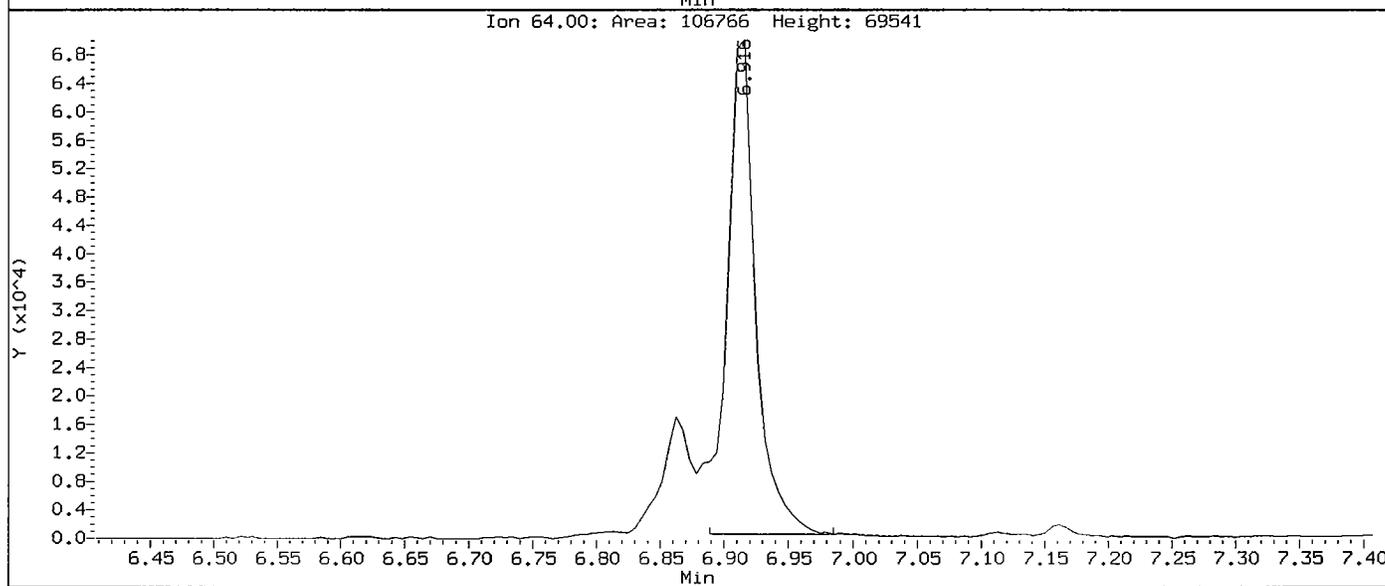
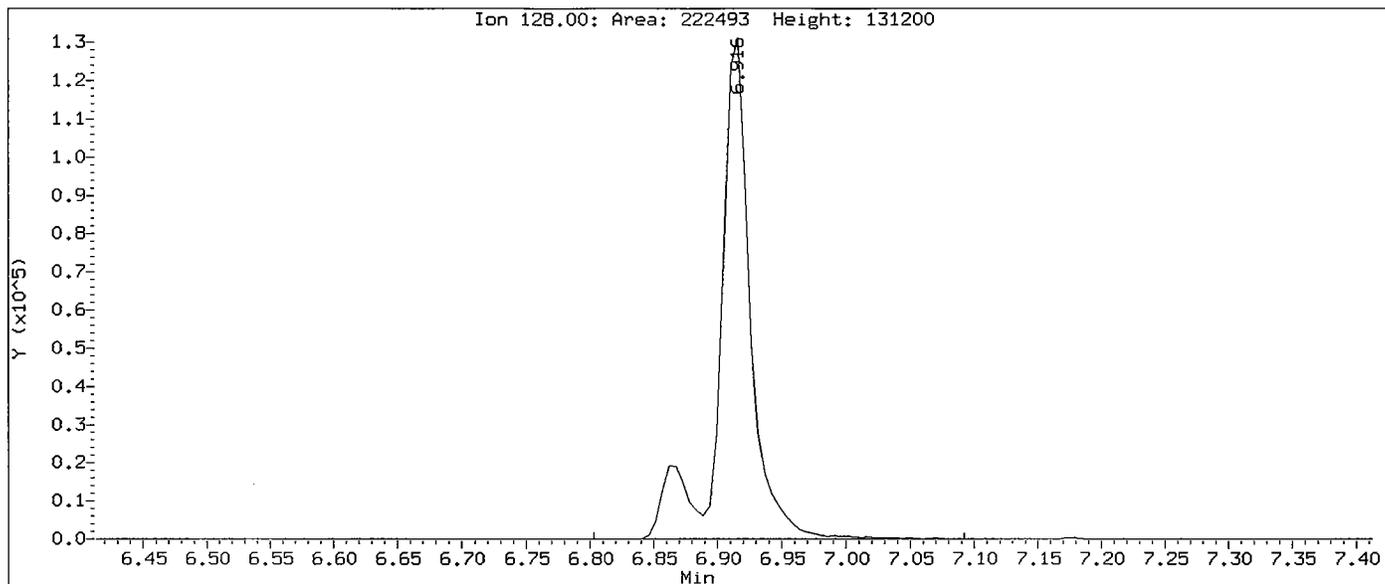
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Injection Date: 01-AUG-2005 17:51
Instrument: nt6.i
Client Sample ID: AN-RI-SEDC-04B MS

Compound: 2-Chlorophenol-d4
CAS Number:



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Instrument: nt6.i
Client Sample ID: AN-RI-SEDC-04B MS

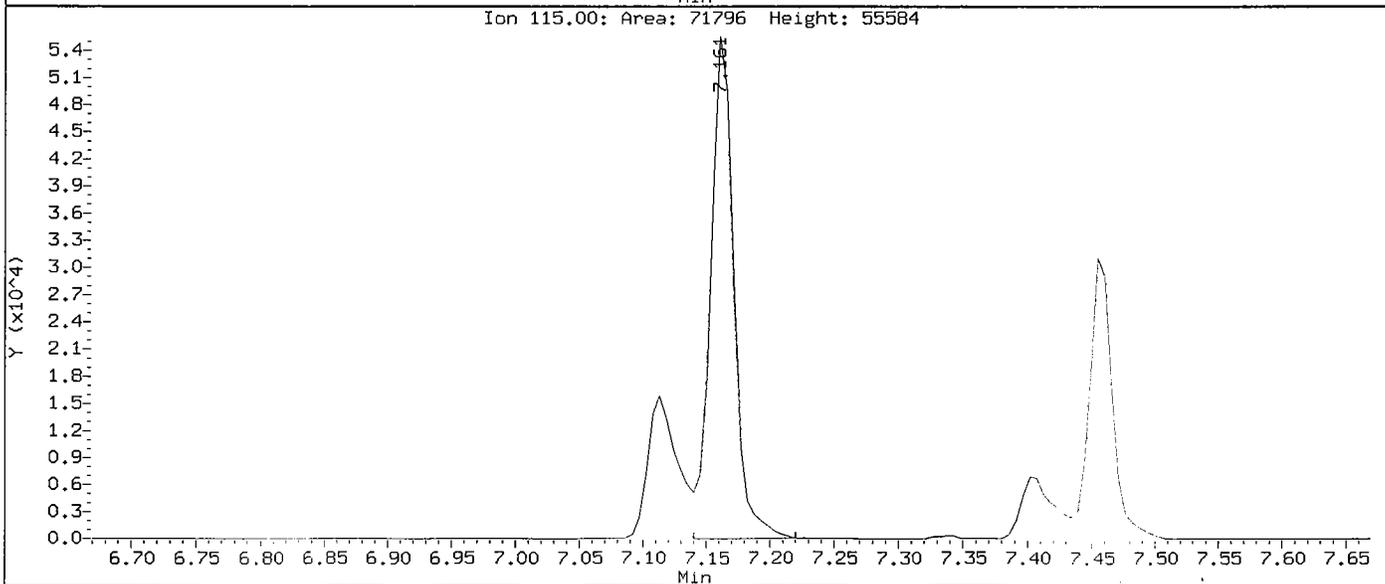
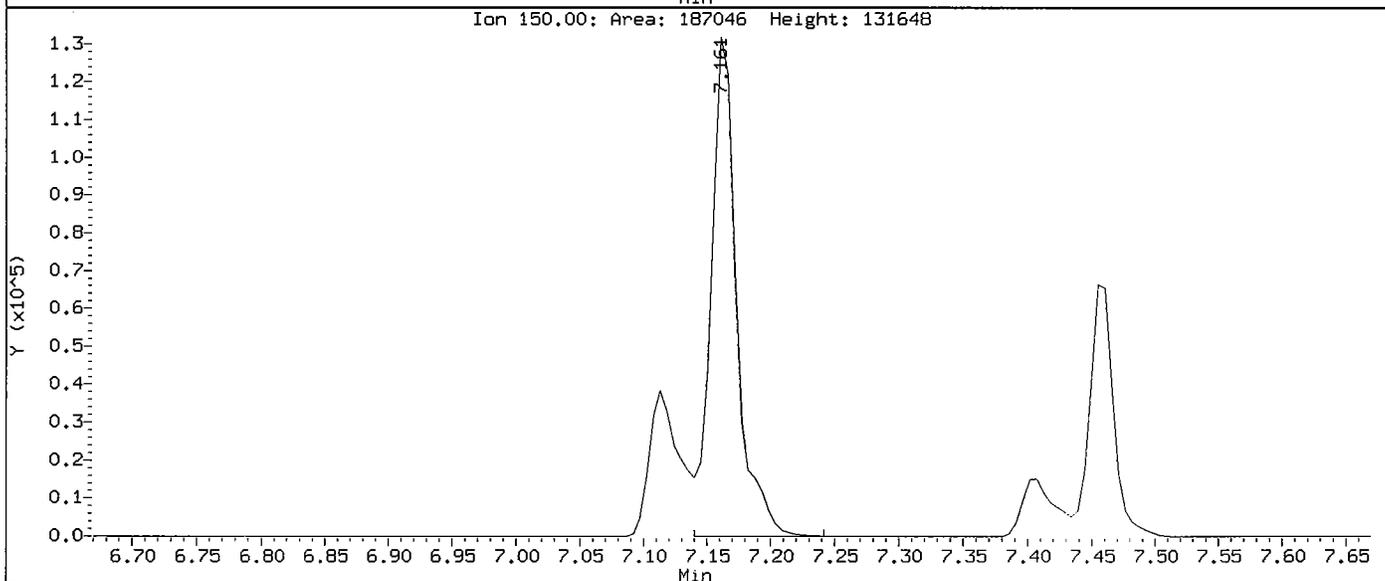
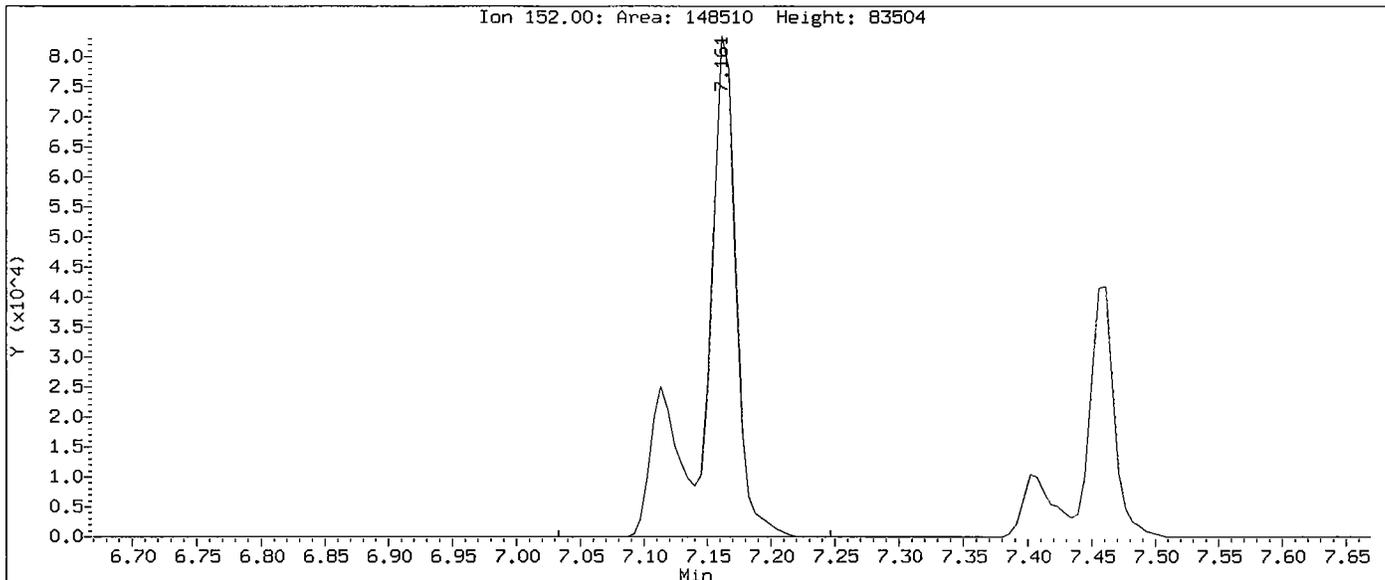
Compound: 2-Chlorophenol
CAS Number: 95-57-8



000471

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Instrument: nt6.1
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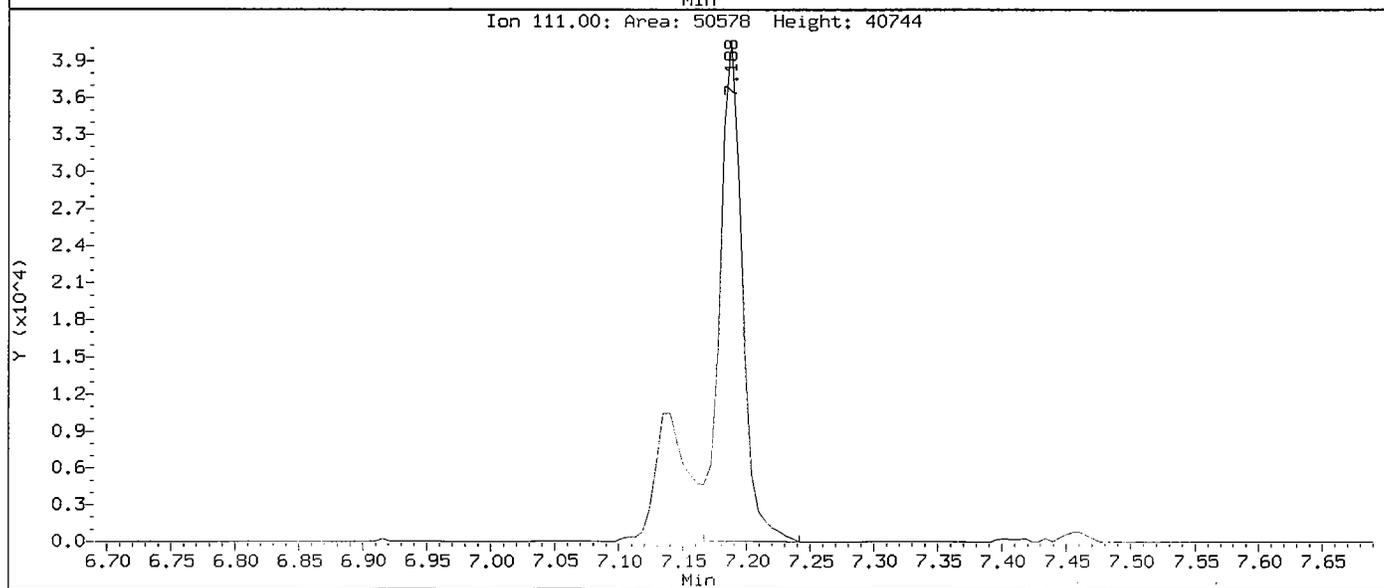
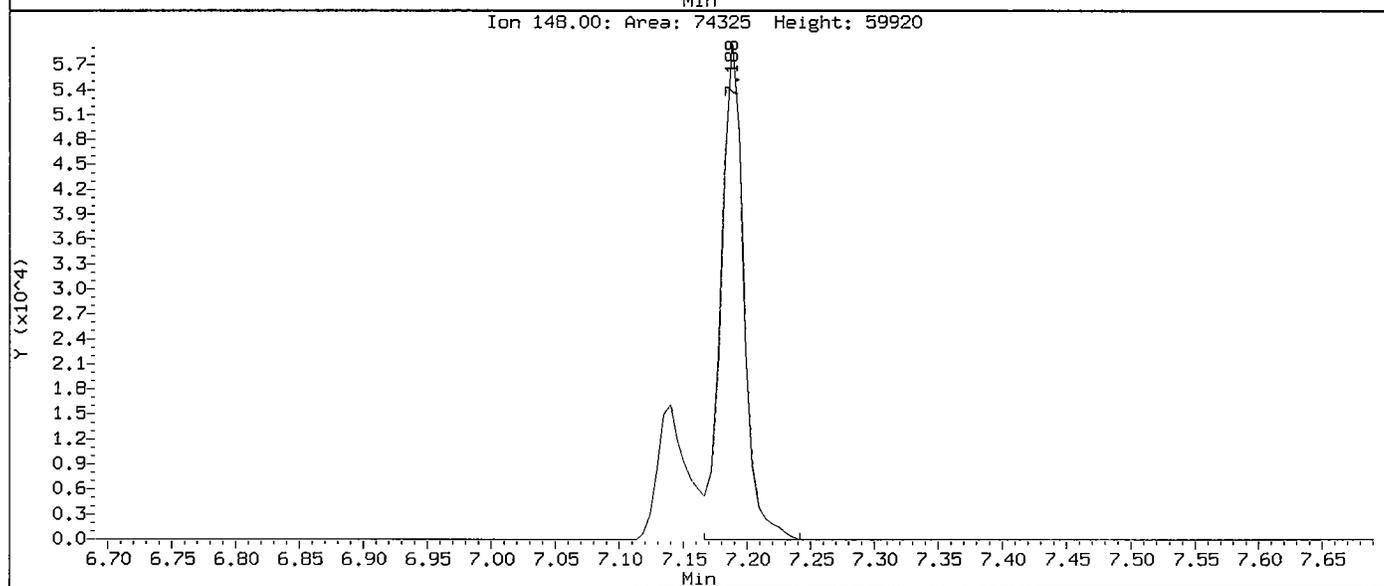
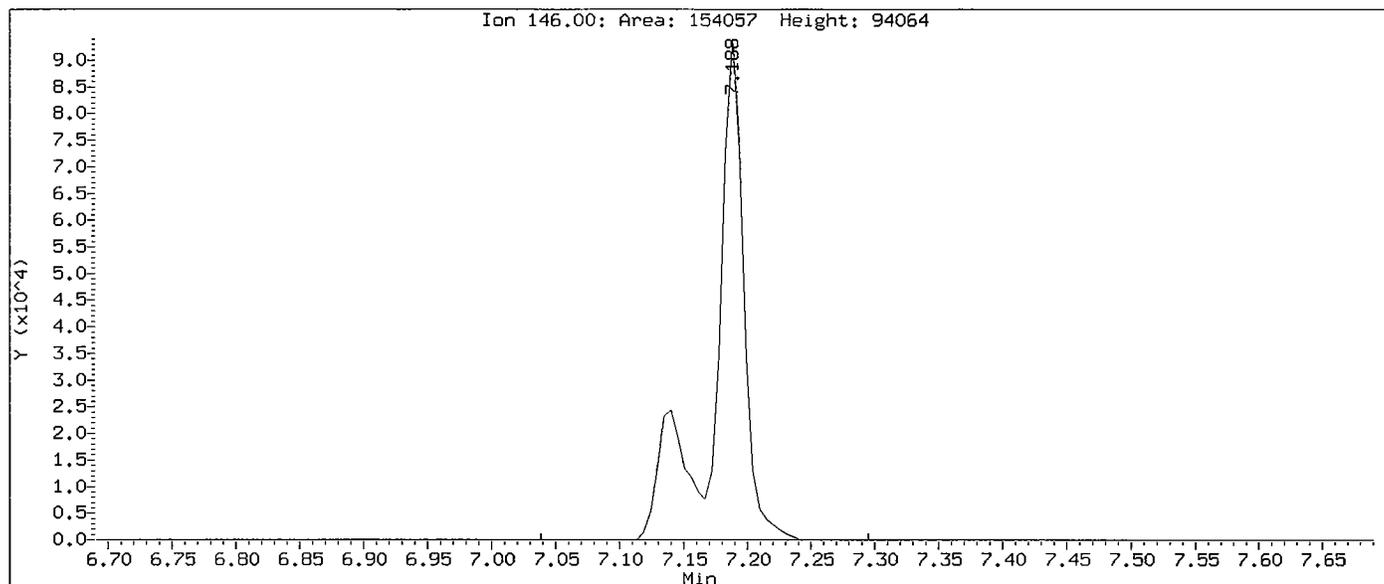
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CAS Number: 3855-82-1



000472

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Instrument: nt6.i
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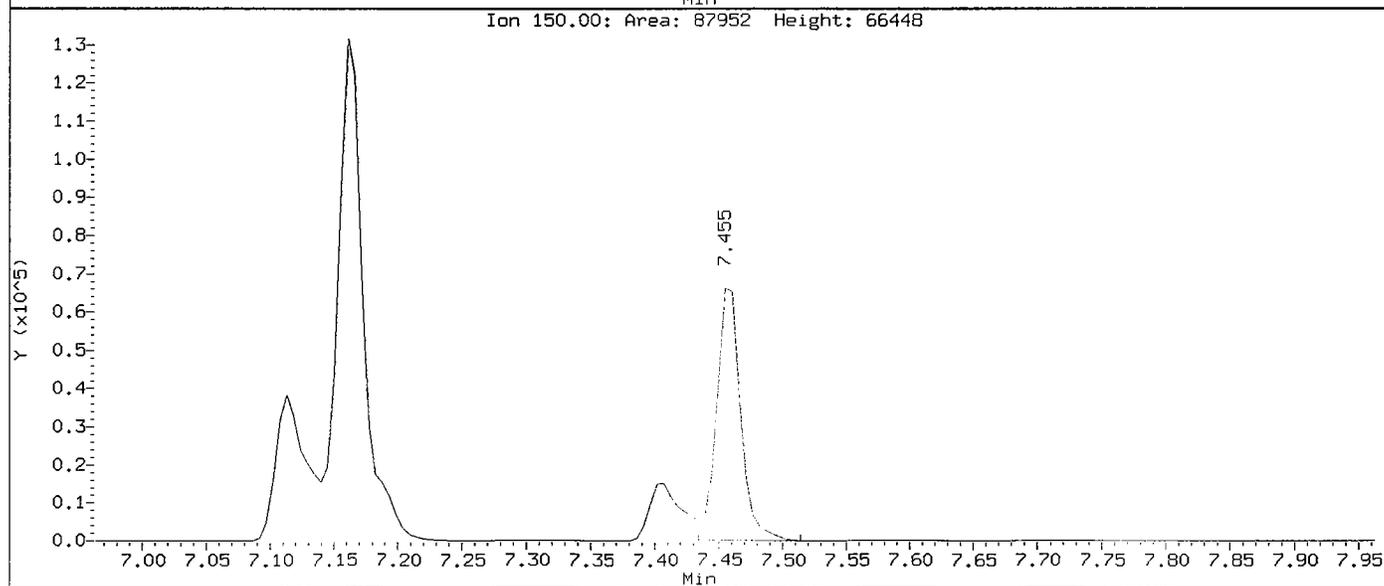
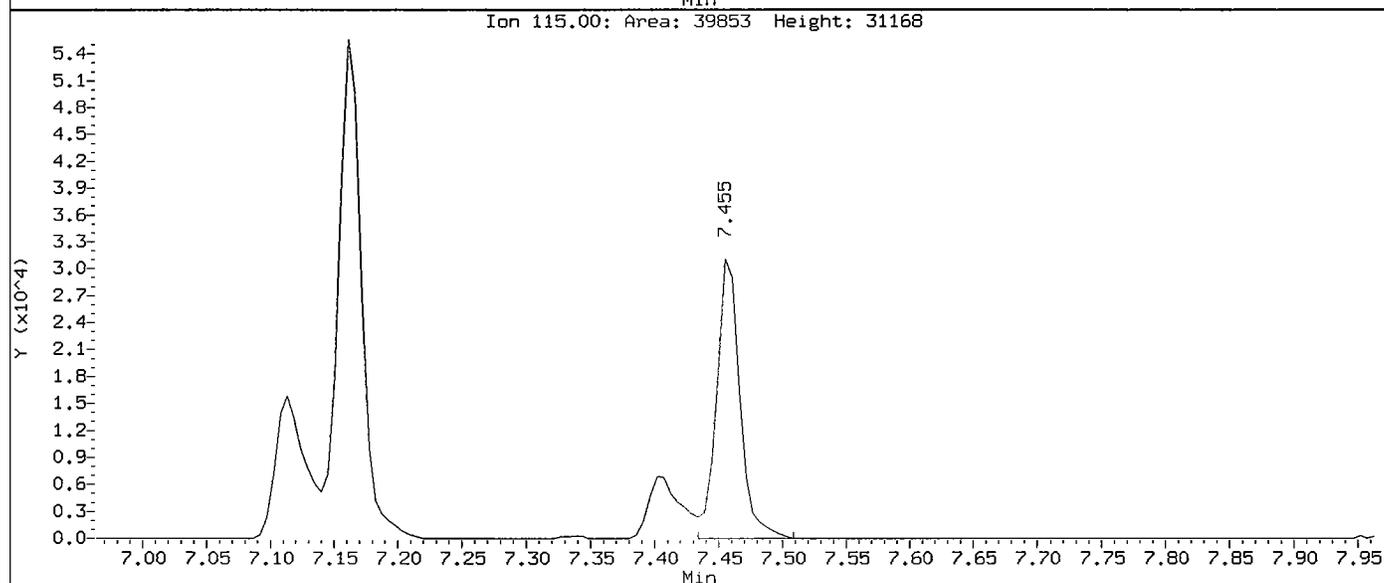
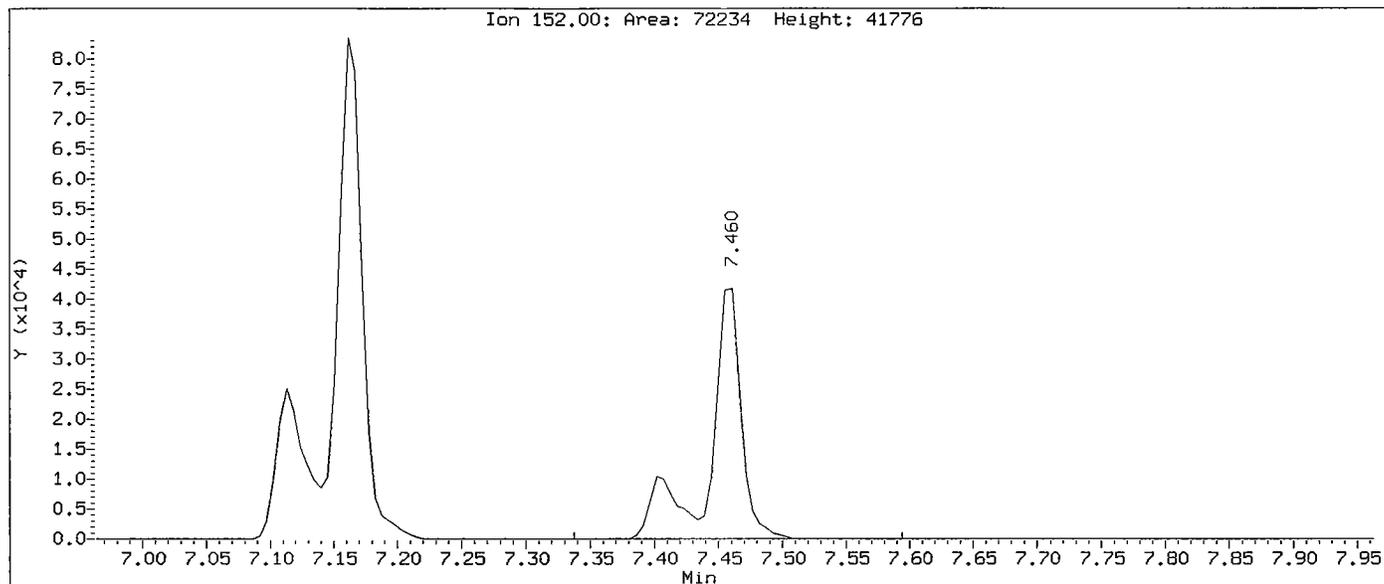
Compound: 1,4-Dichlorobenzene
CAS Number: 106-46-7



000473

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Instrument: nt6.1
Client Sample ID: AN-RI-SEDC-04B MS

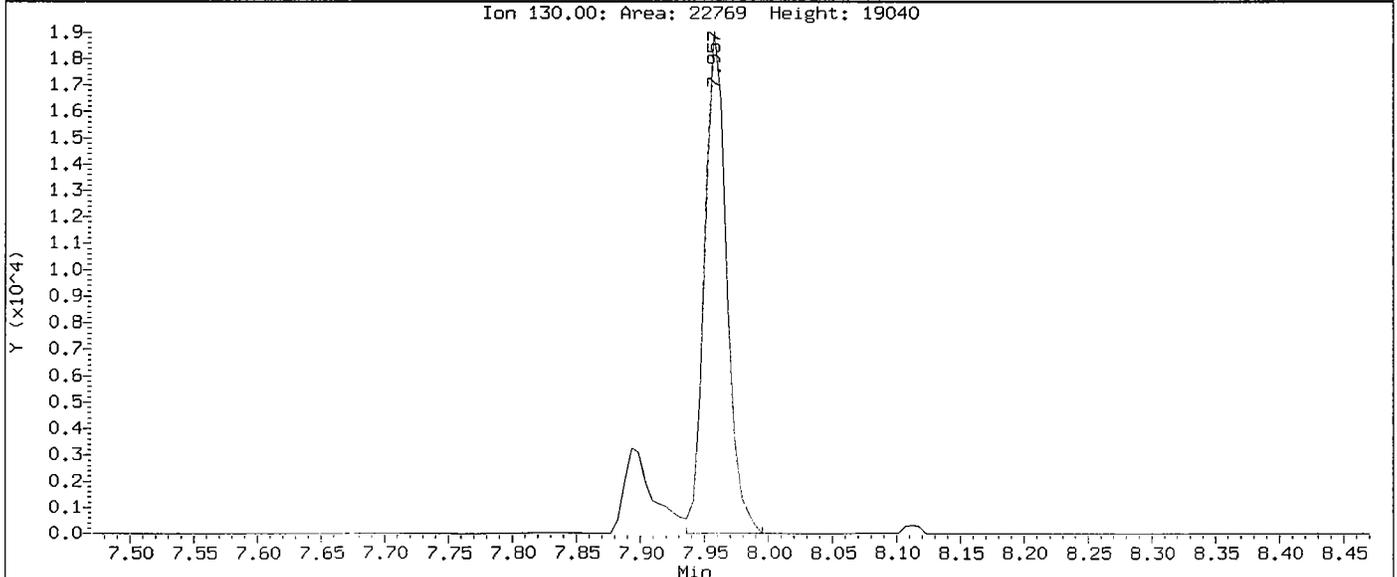
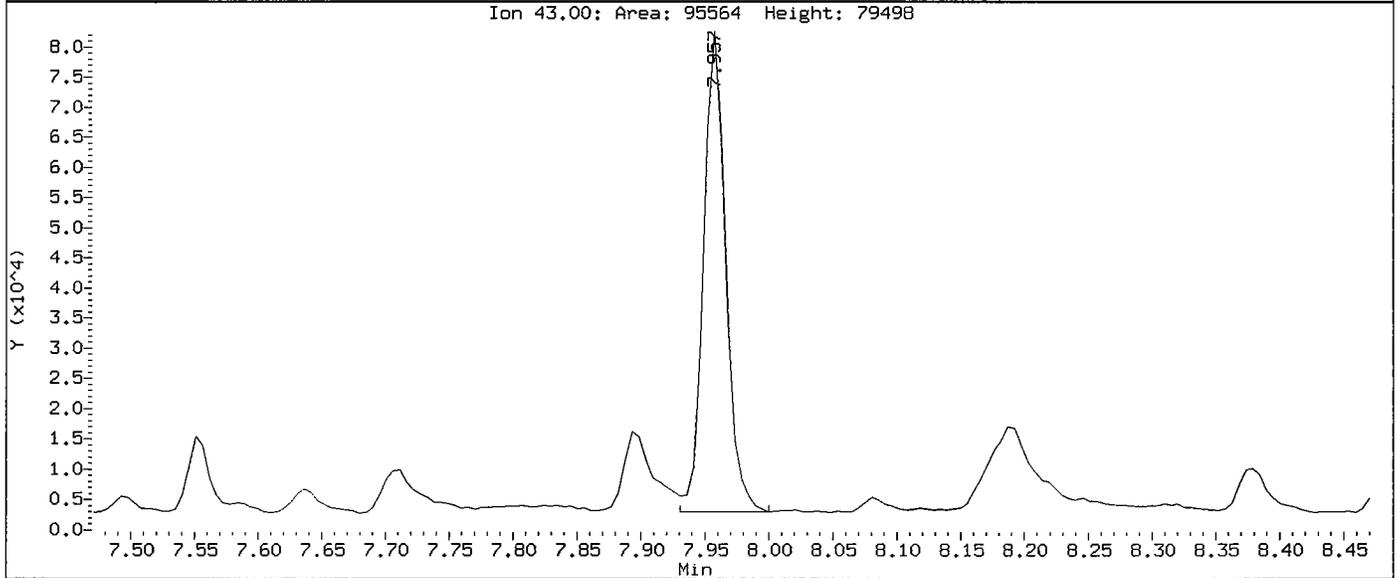
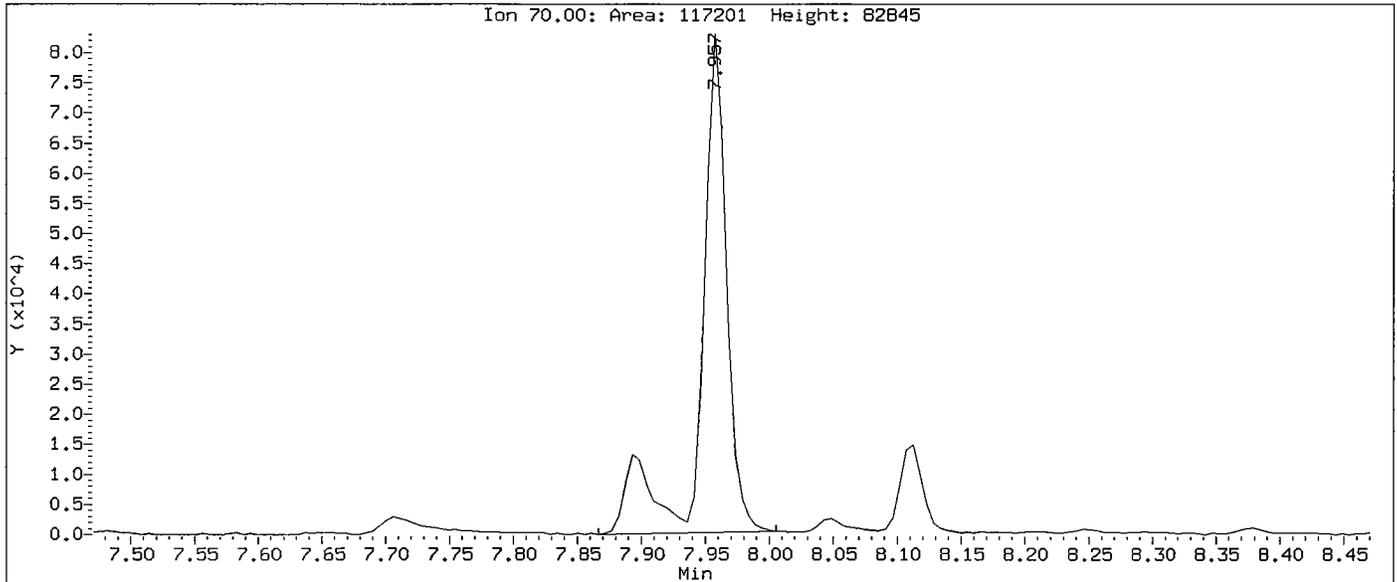
Compound: 1,2-Dichlorobenzene-d4
CAS Number: 2199-69-1



000474

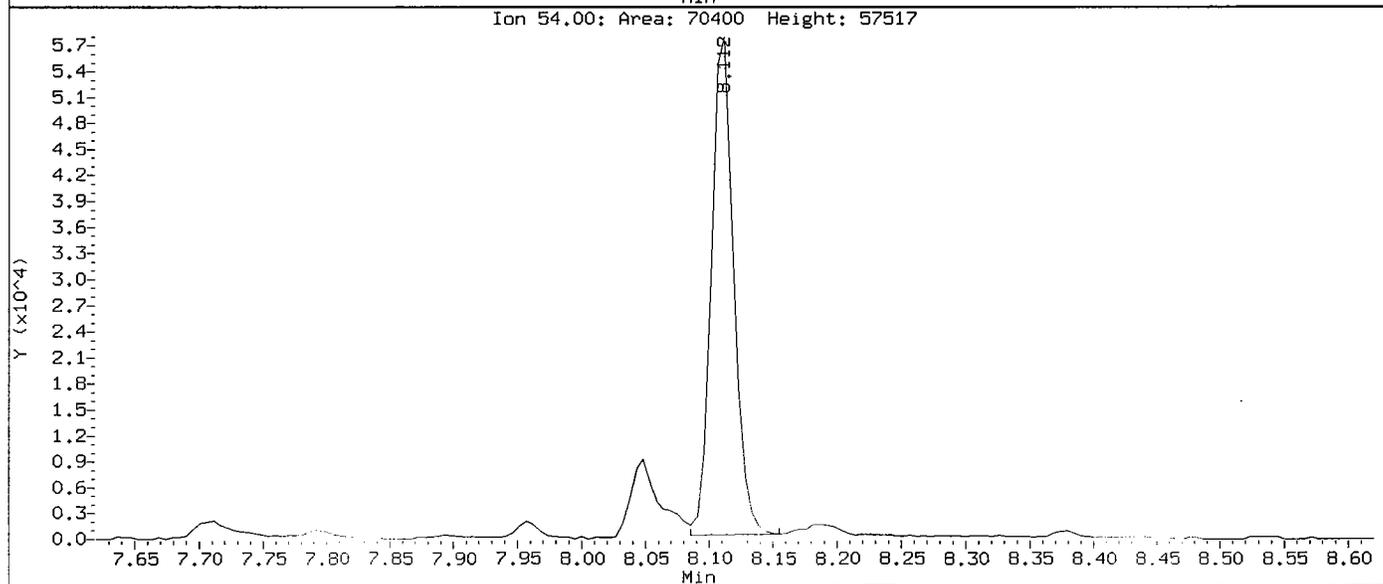
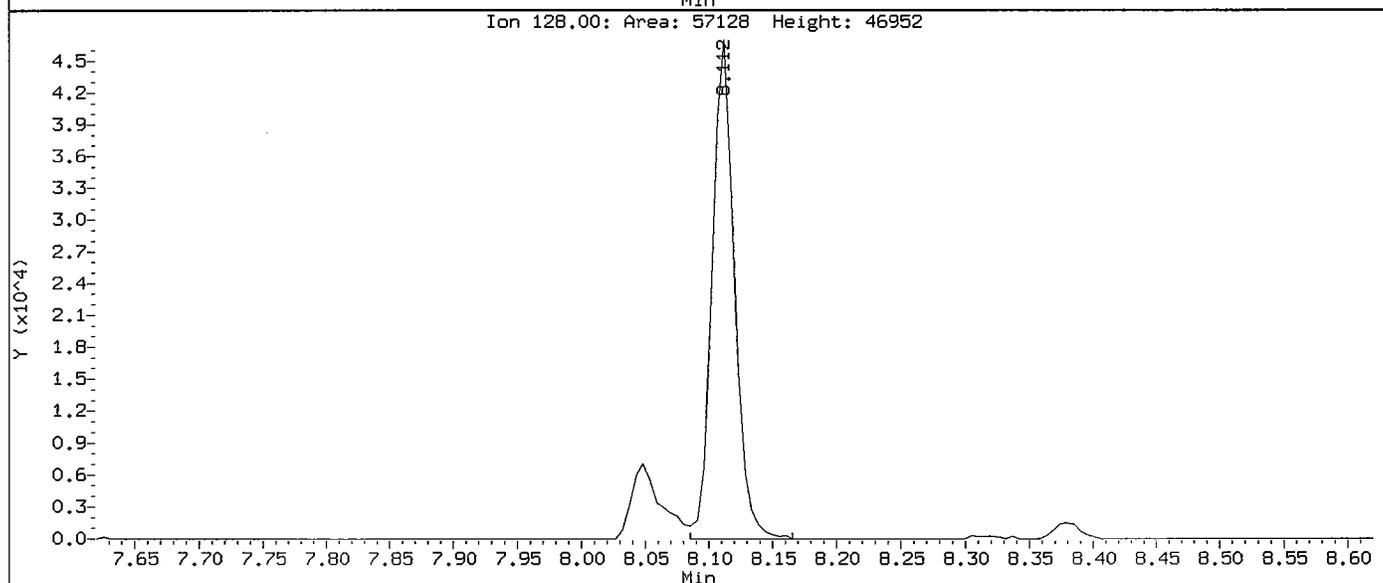
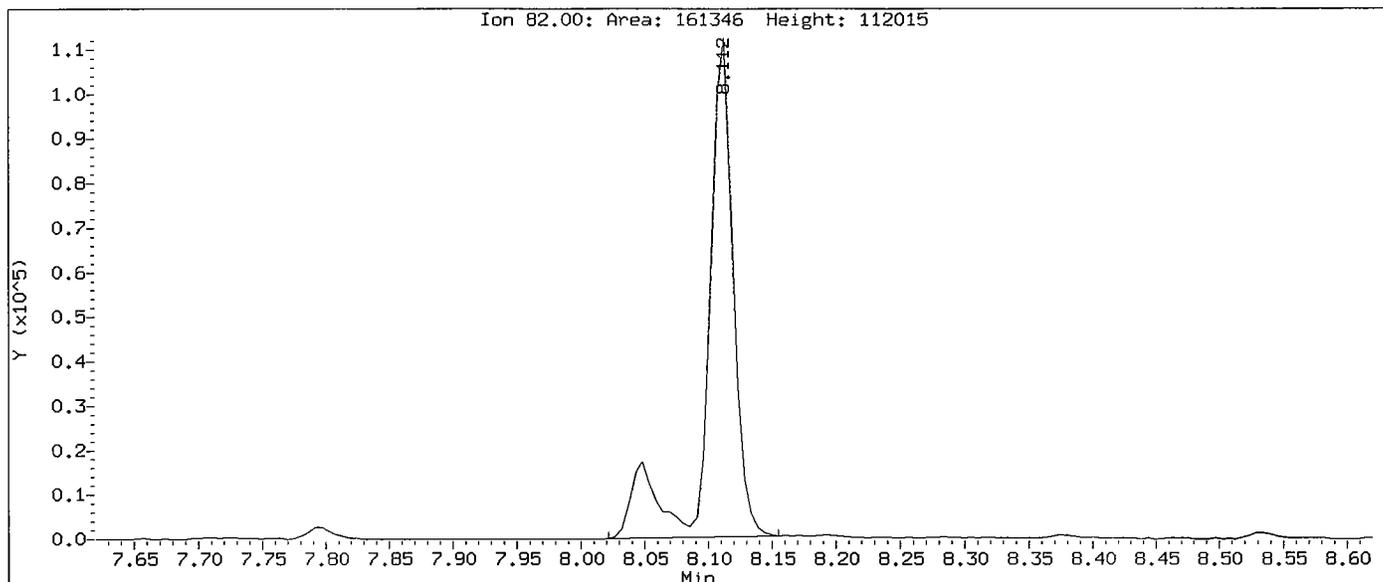
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Instrument: nt6.i
Client Sample ID: AN-RI-SEDC-04B MS

Compound: N-Nitroso-di-n-propylamine
CAS Number: 621-64-7



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Instrument: nt6.1
Client Sample ID: AN-RI-SEDC-04B MS

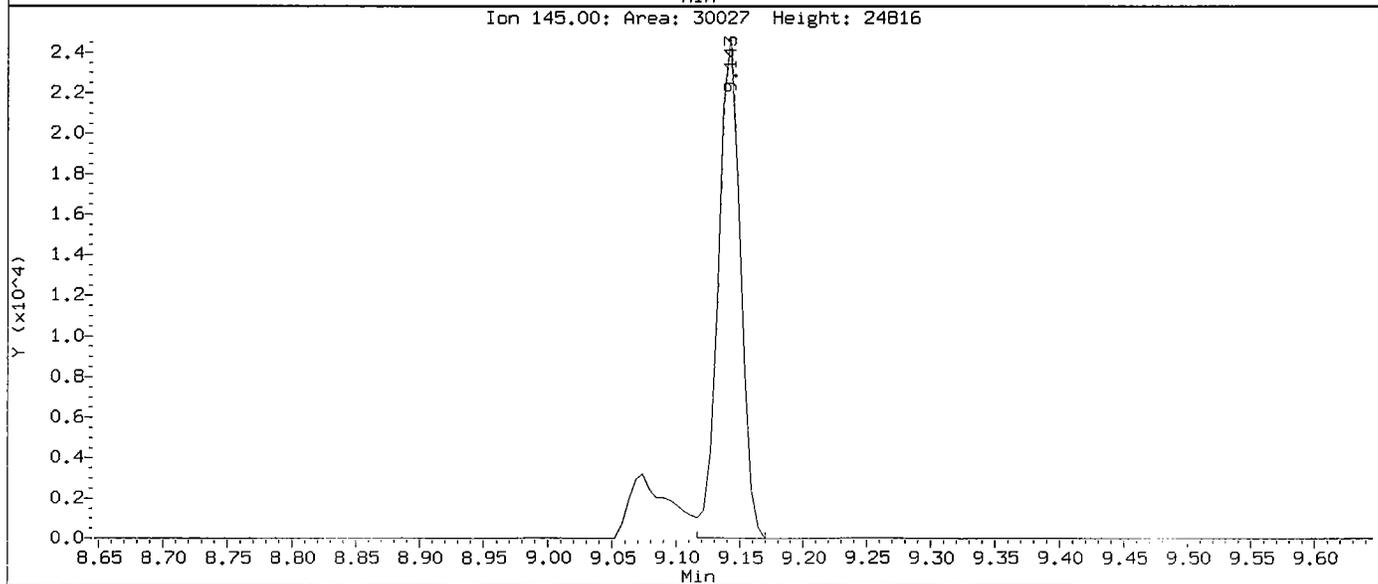
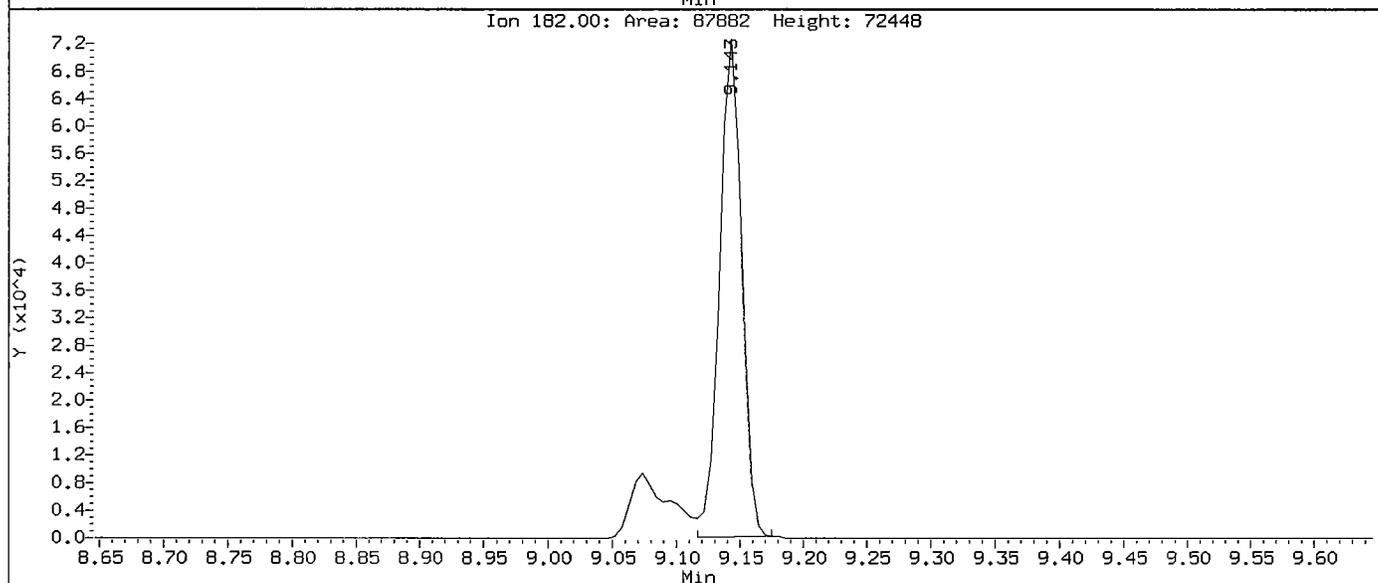
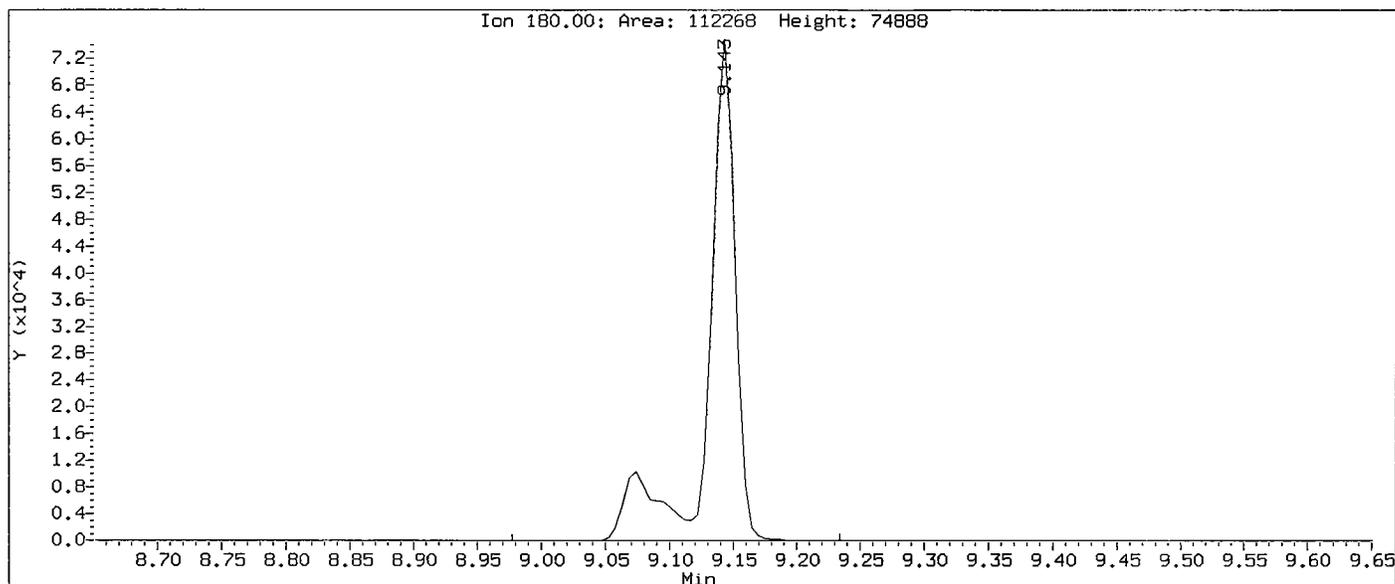
Compound: Nitrobenzene-d5
CAS Number: 4165-60-0



000476

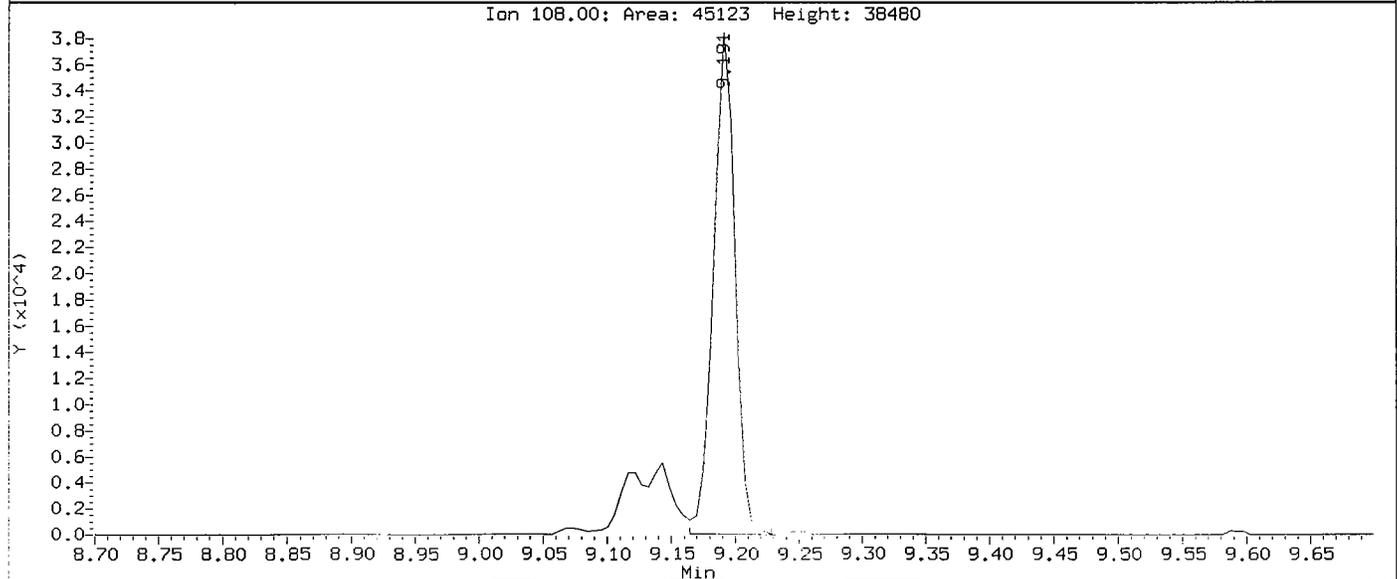
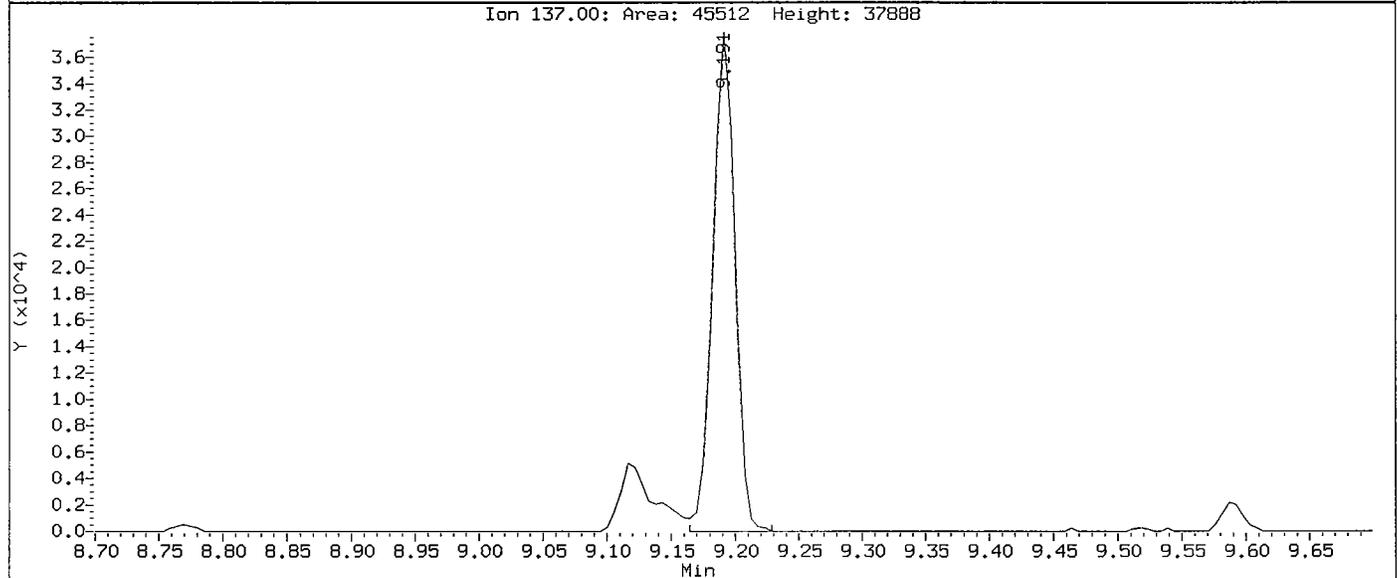
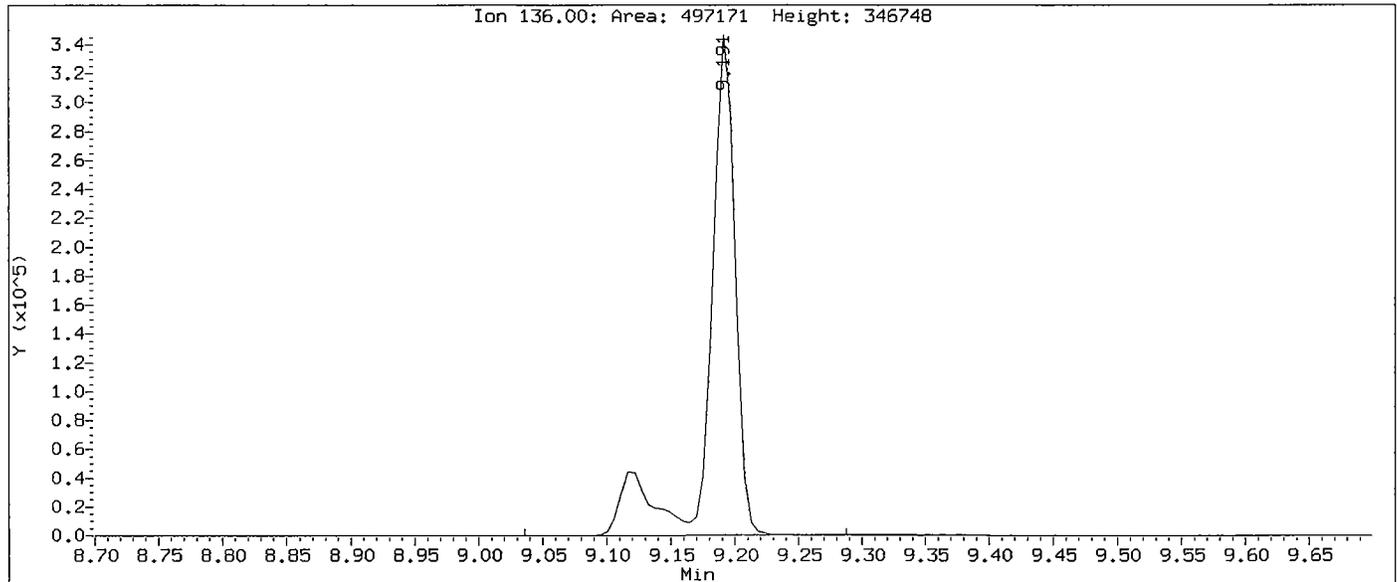
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Injection Date: 01-AUG-2005 17:51
Instrument: nt6.i
Client Sample ID: AN-RI-SEDC-04B MS

Compound: 1,2,4-Trichlorobenzene
CAS Number: 120-82-1



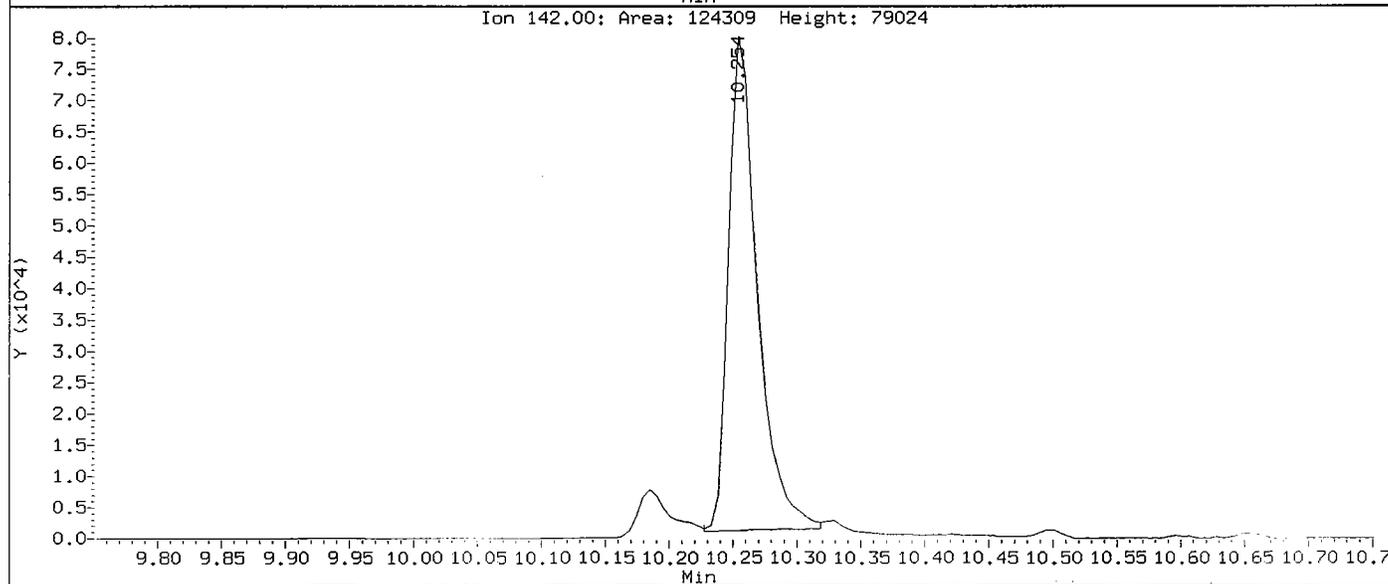
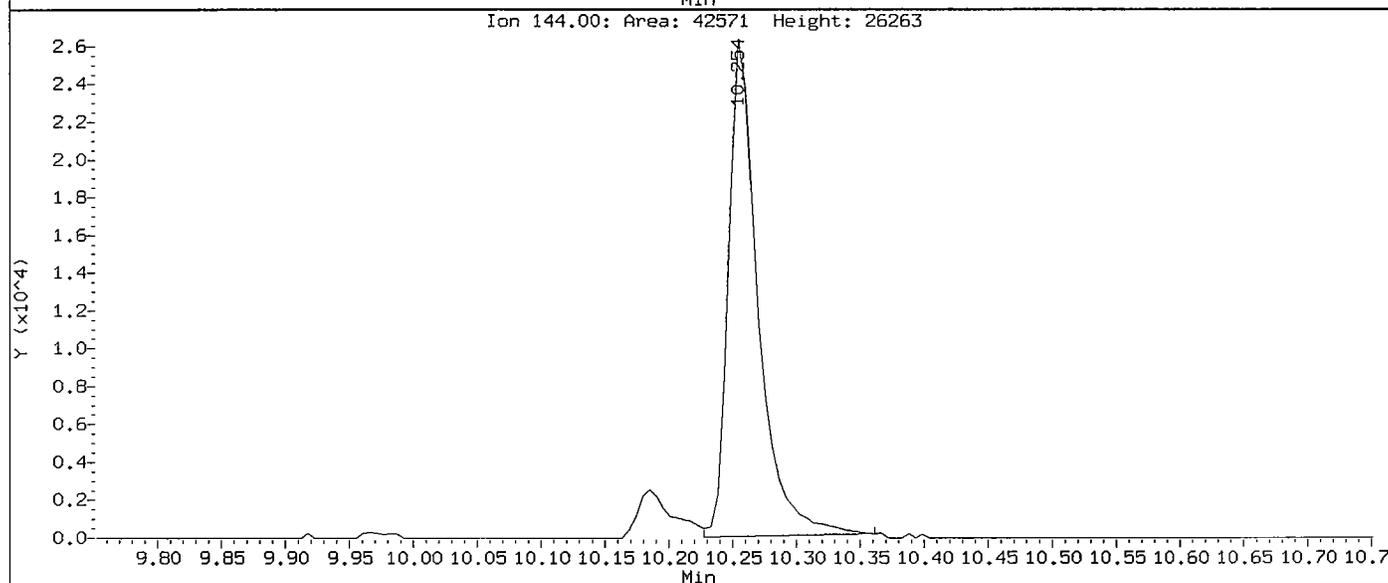
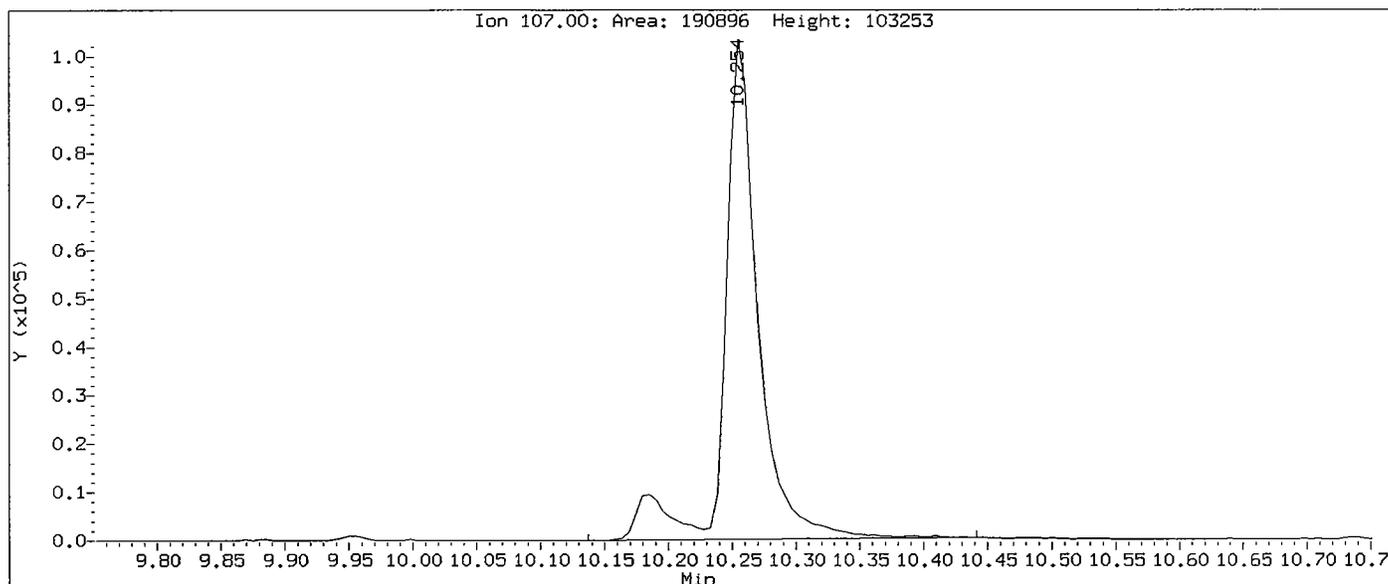
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Injection Date: 01-AUG-2005 17:51
Instrument: nt6.i
Client Sample ID: AN-RI-SEDC-04B MS

Compound: Naphthalene-d8
CAS Number: 1146-65-2



Data File: /chem1/nt6.1/20050801.b/ih29hms2.d
Injection Date: 01-AUG-2005 17:51
Instrument: nt6.1
Client Sample ID: AN-RI-SEDC-04B MS

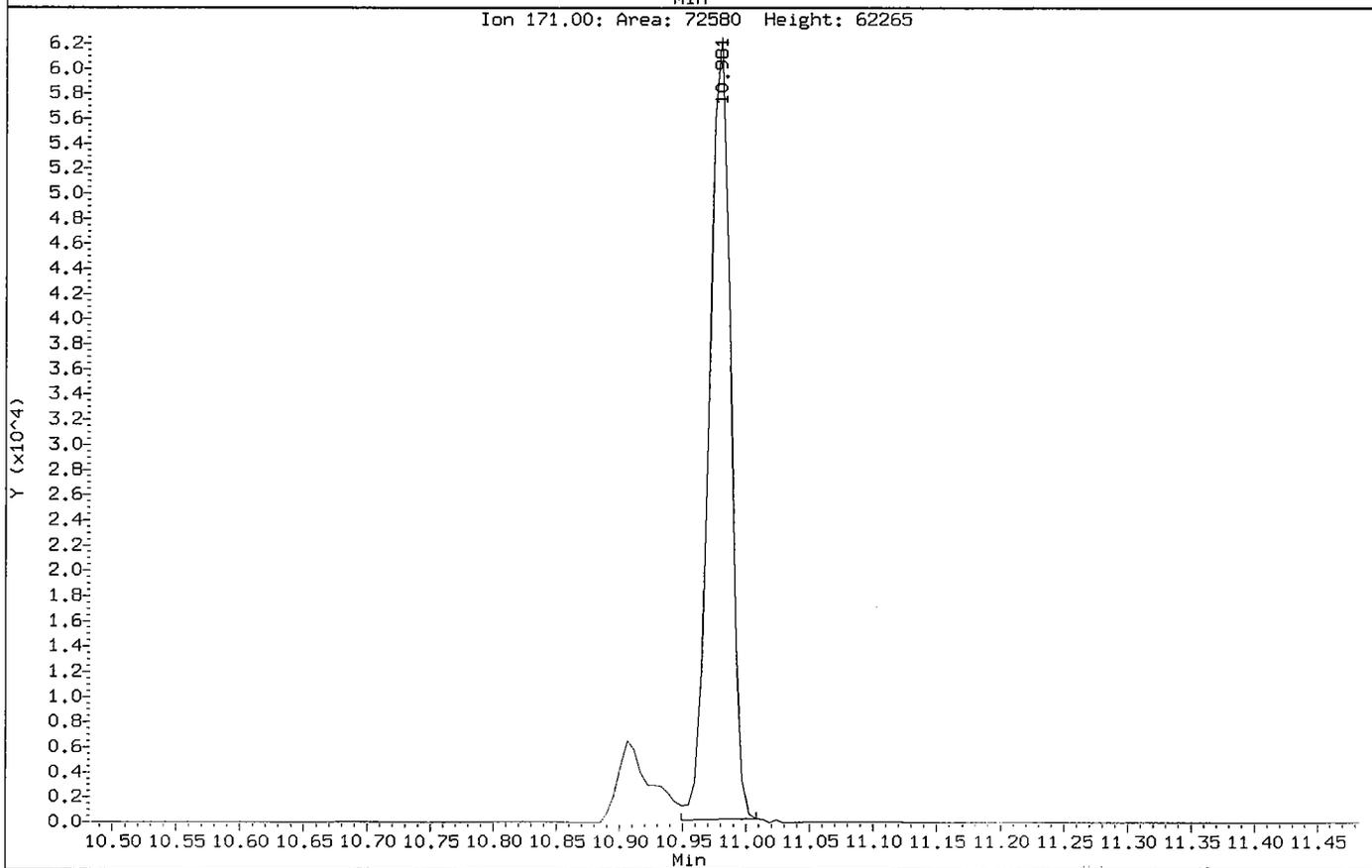
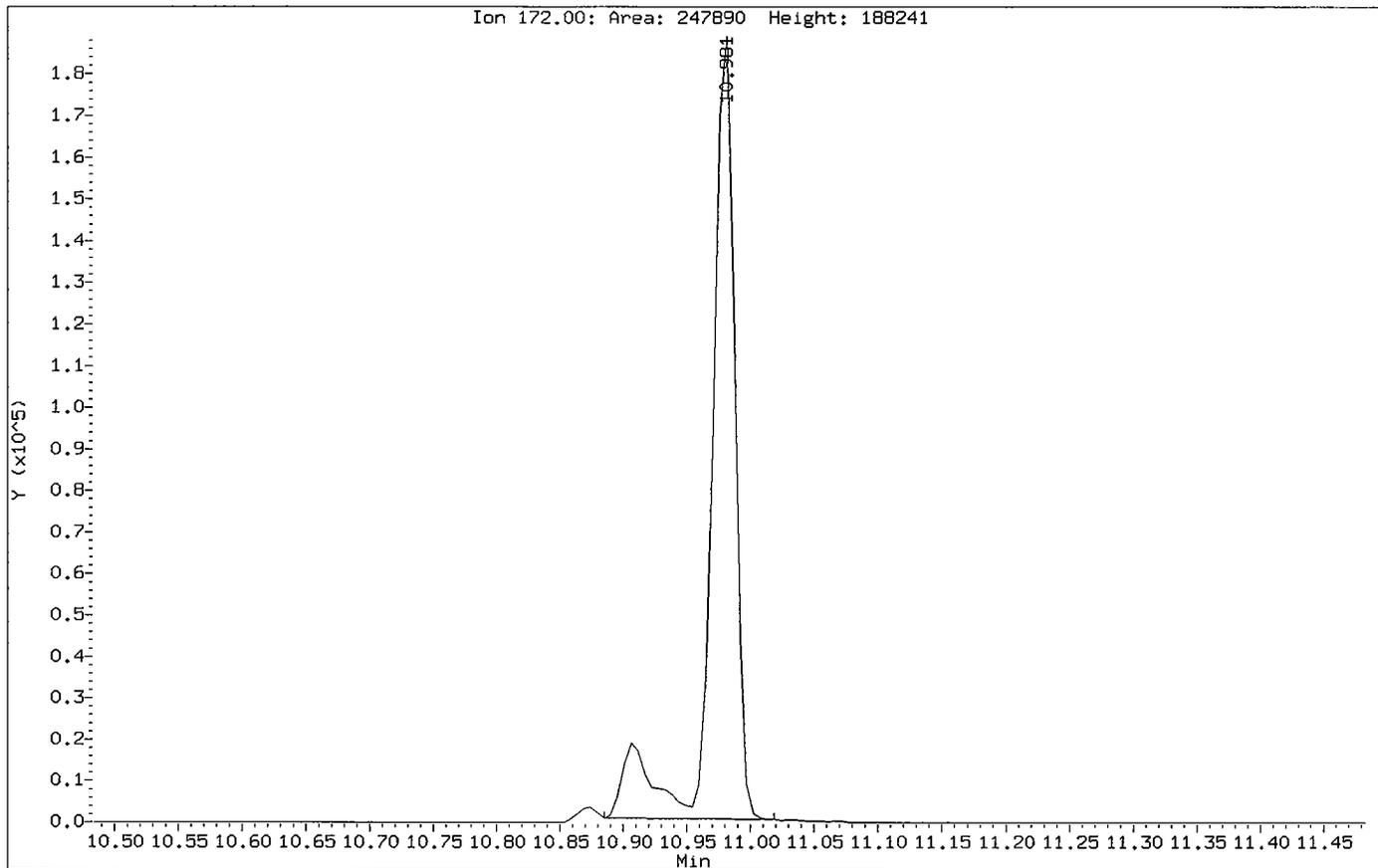
Compound: 4-Chloro-3-methylphenol
CAS Number: 59-50-7



000479

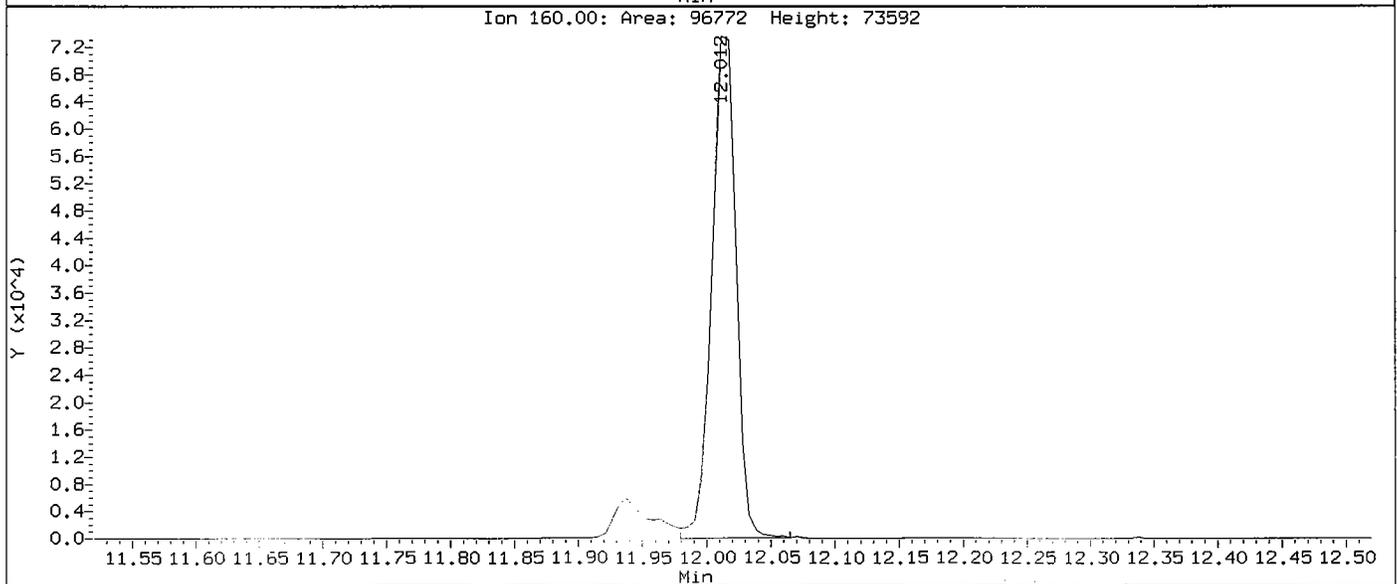
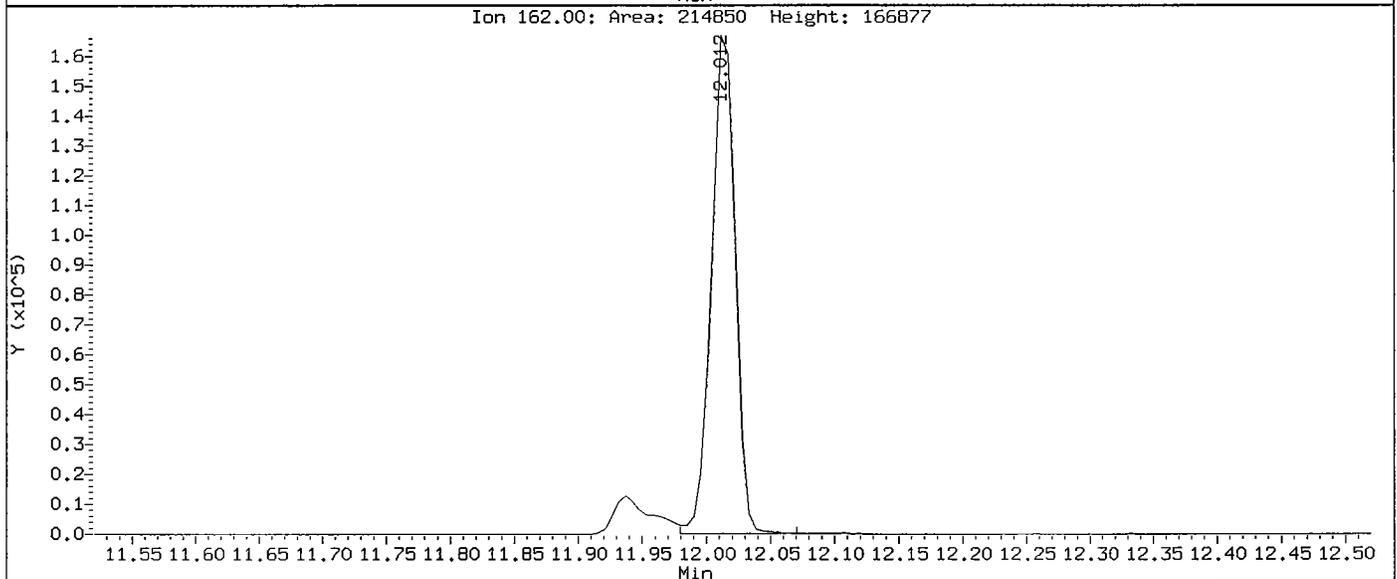
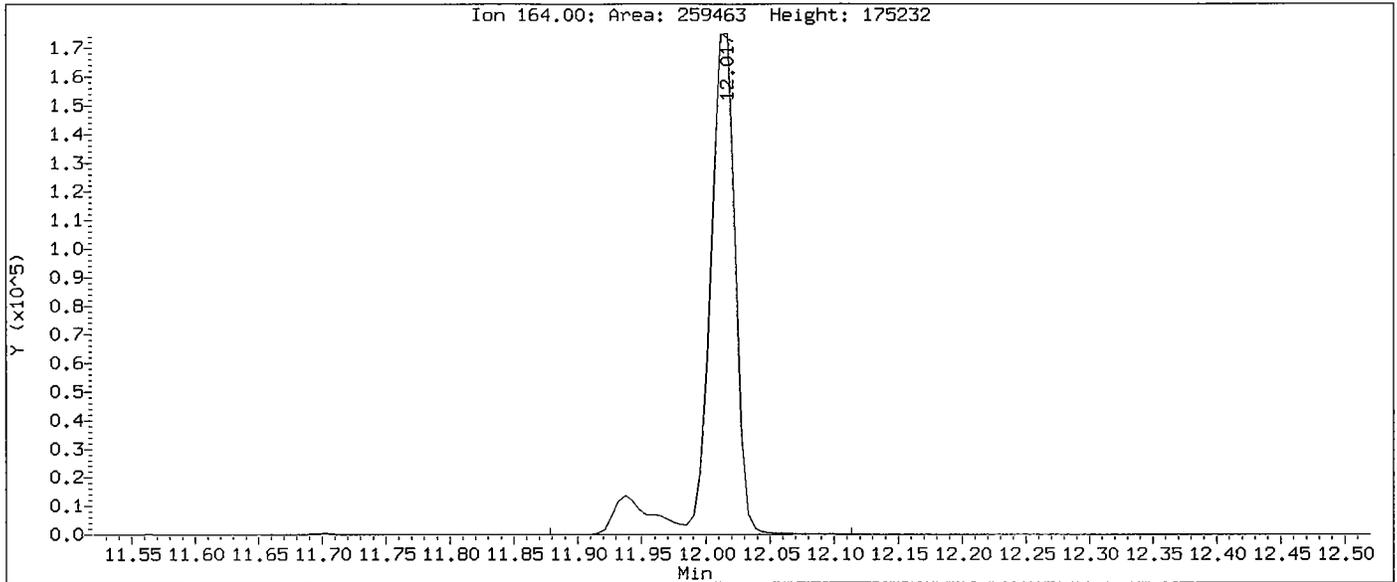
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Injection Date: 01-AUG-2005 17:51
Instrument: nt6.1
Client Sample ID: AN-RI-SEDC-04B MS

Compound: 2-Fluorobiphenyl
CAS Number: 321-60-8



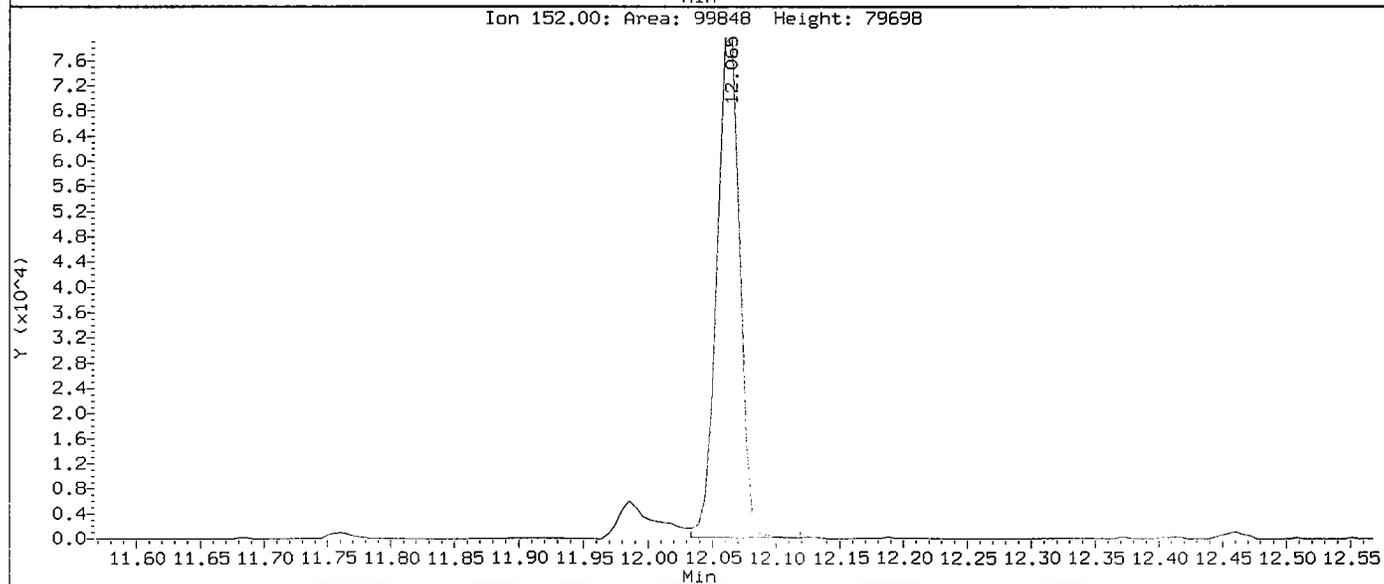
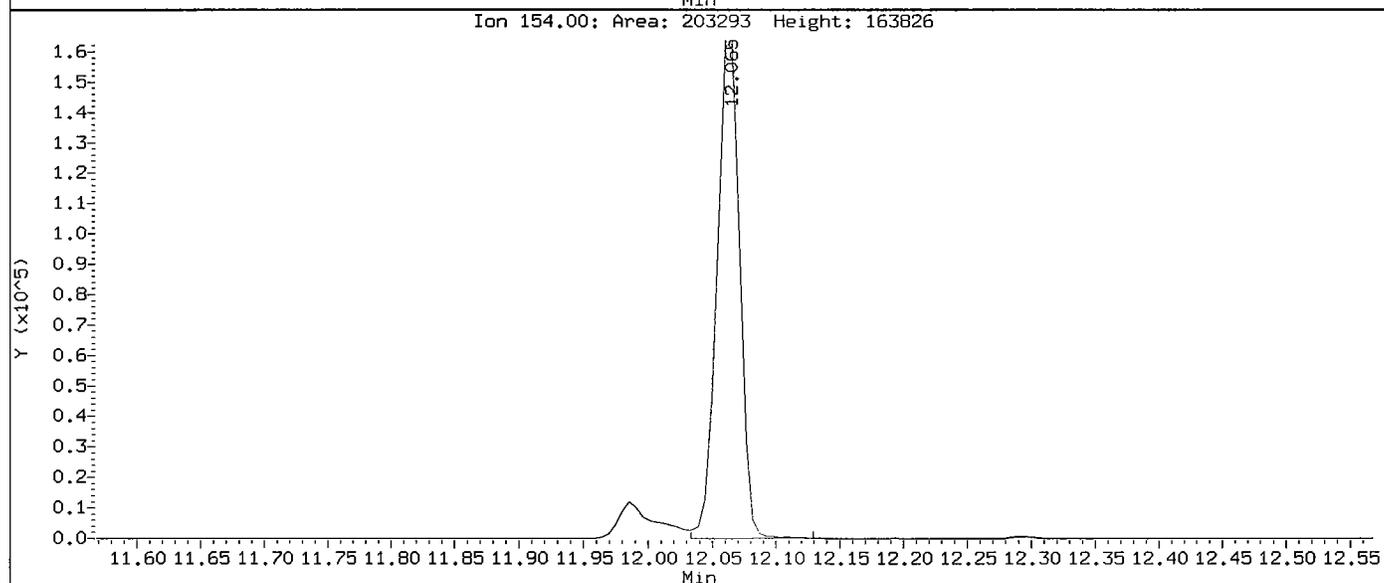
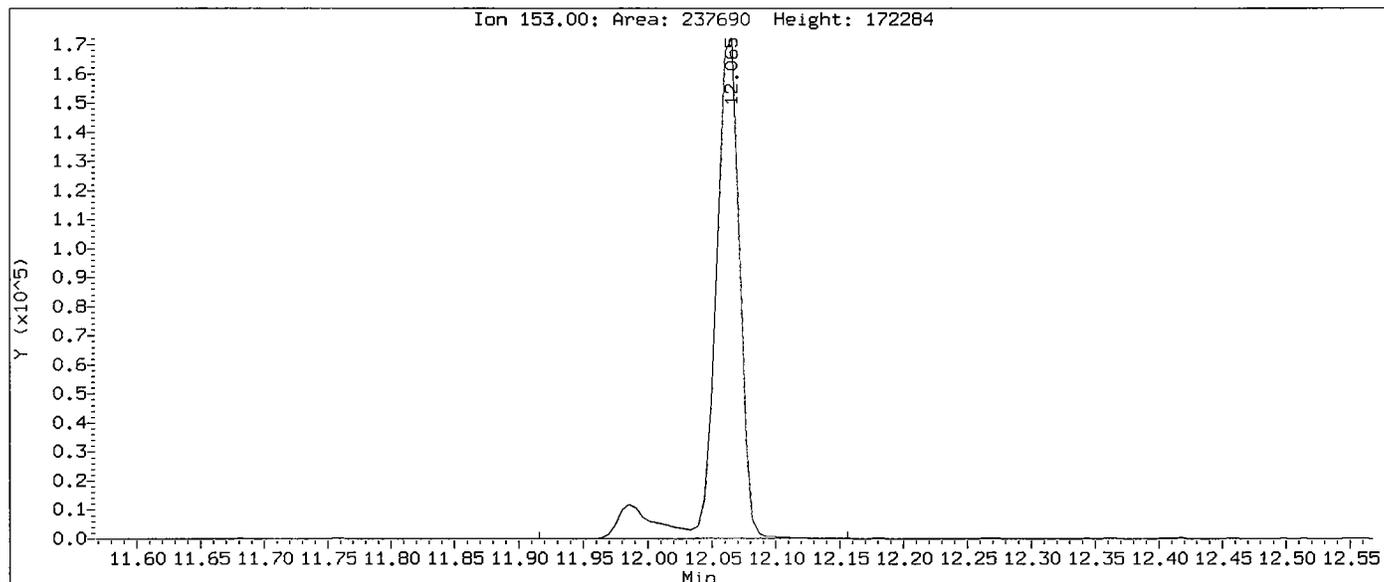
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Injection Date: 01-AUG-2005 17:51
Instrument: nt6.i
Client Sample ID: AN-RI-SEDC-04B MS

Compound: Acenaphthene-d10
CAS Number:



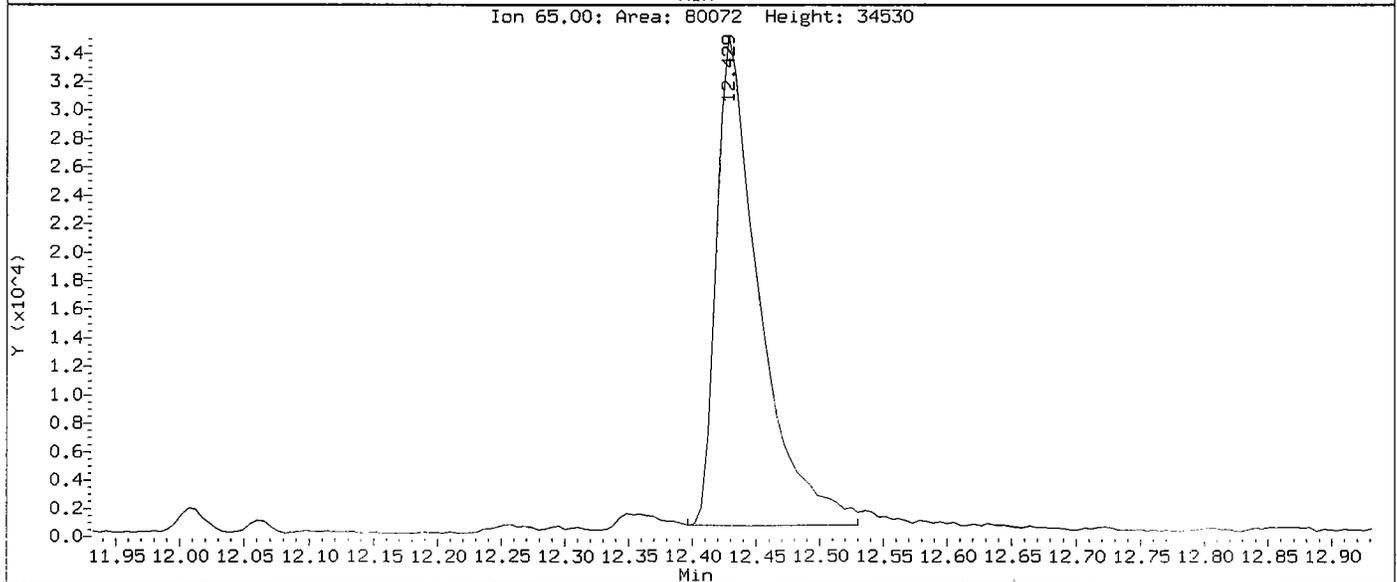
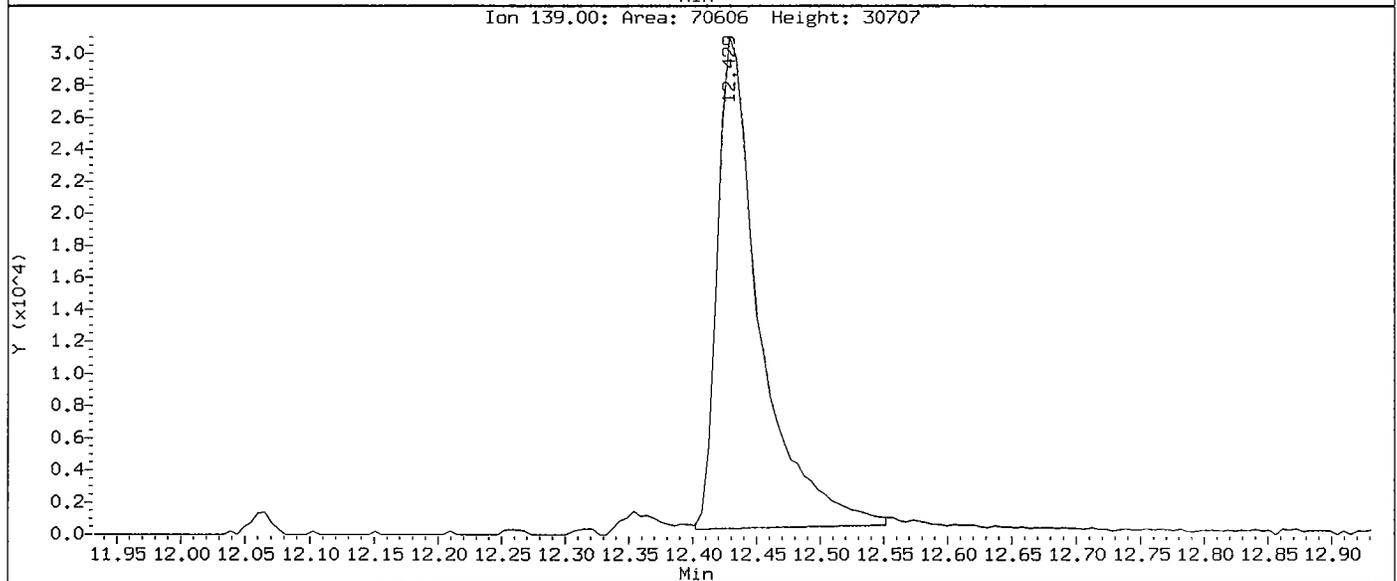
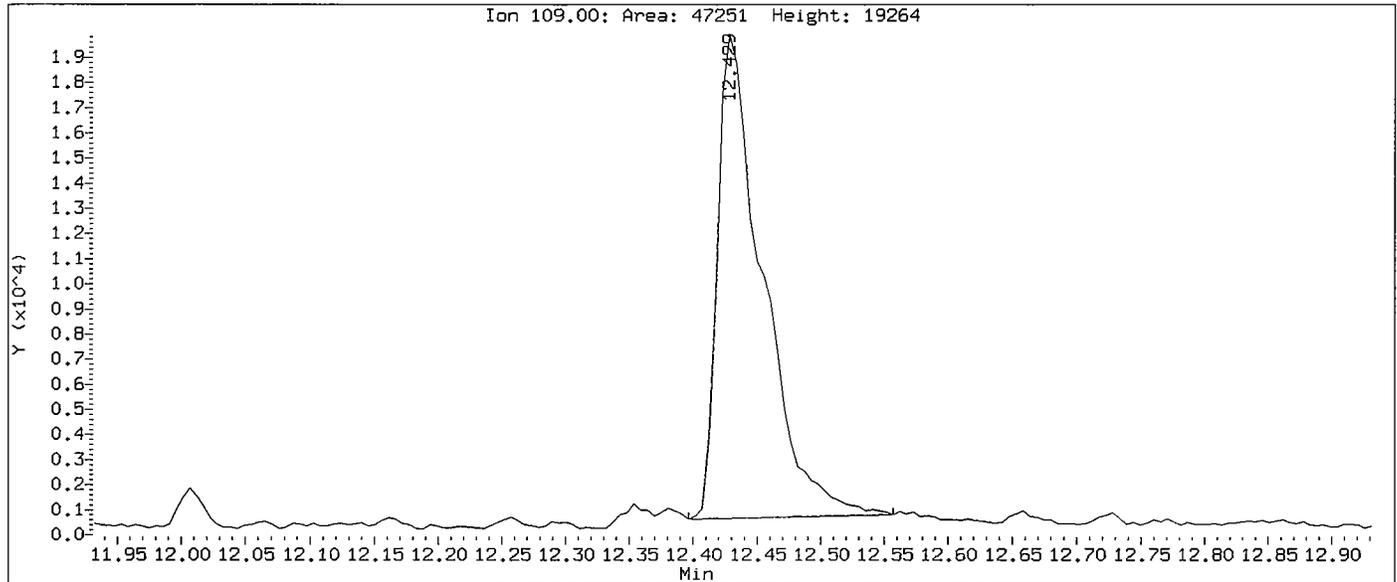
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Injection Date: 01-AUG-2005 17:51
Instrument: nt6.i
Client Sample ID: AN-RI-SEDC-04B MS

Compound: Acenaphthene
CAS Number: 83-32-9



Data File: /chem1/nt6.i/20050801.b/ih29hms2.d
Injection Date: 01-AUG-2005 17:51
Instrument: nt6.i
Client Sample ID: AN-RI-SEDC-04B MS

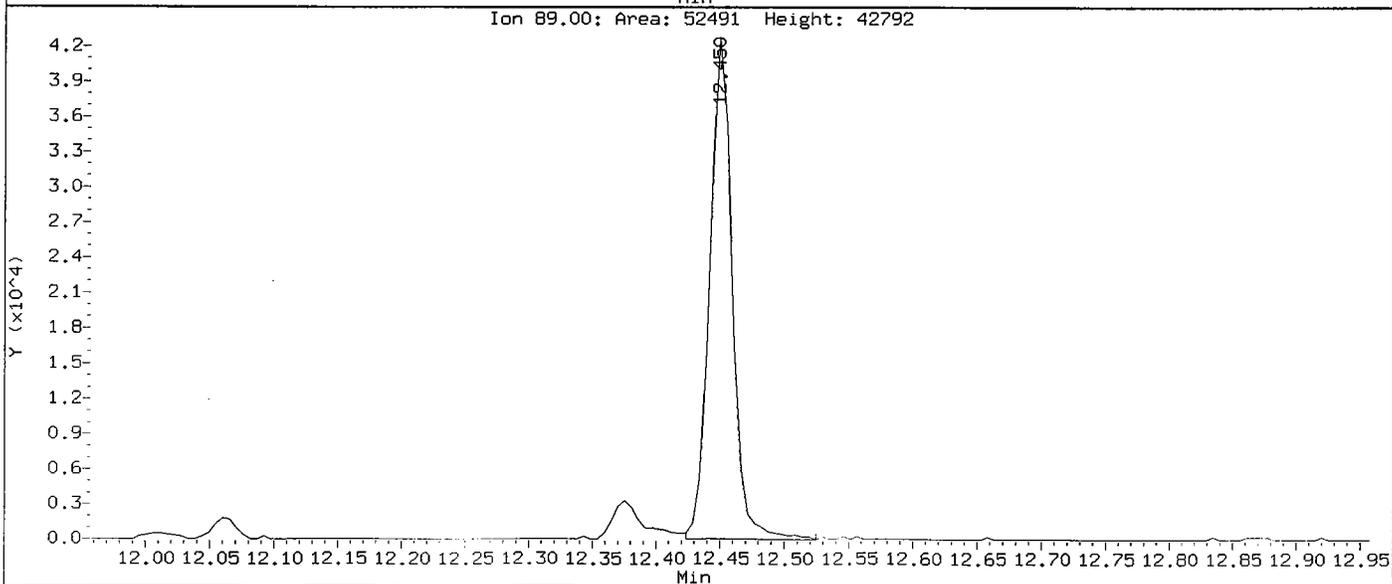
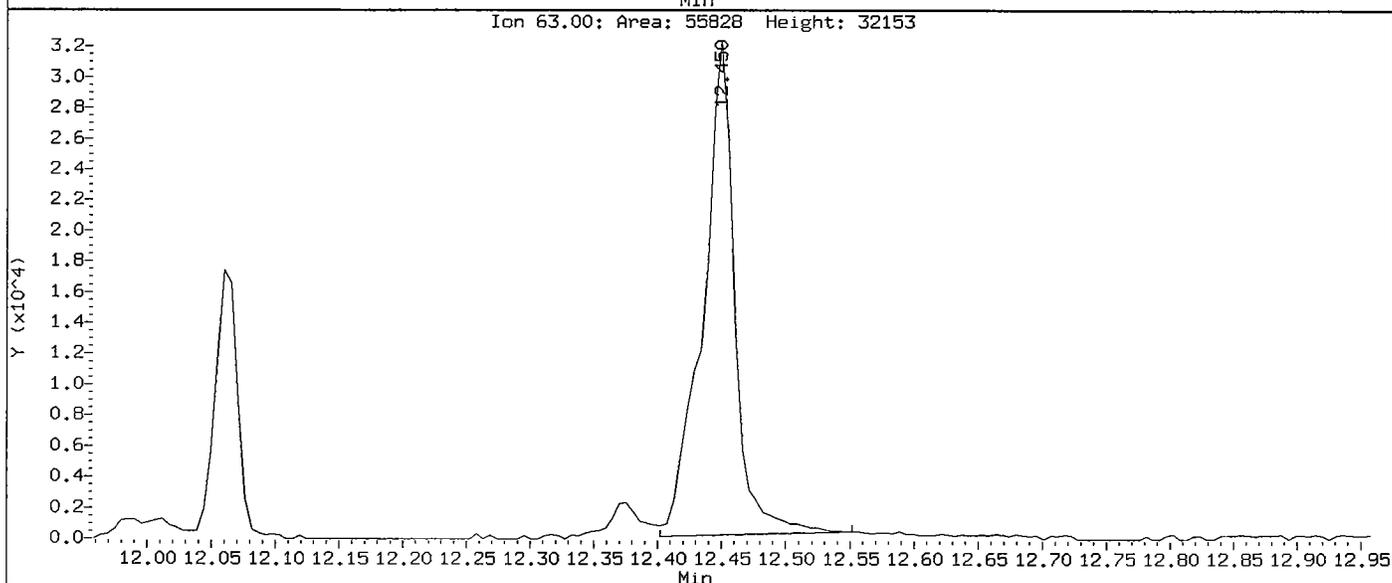
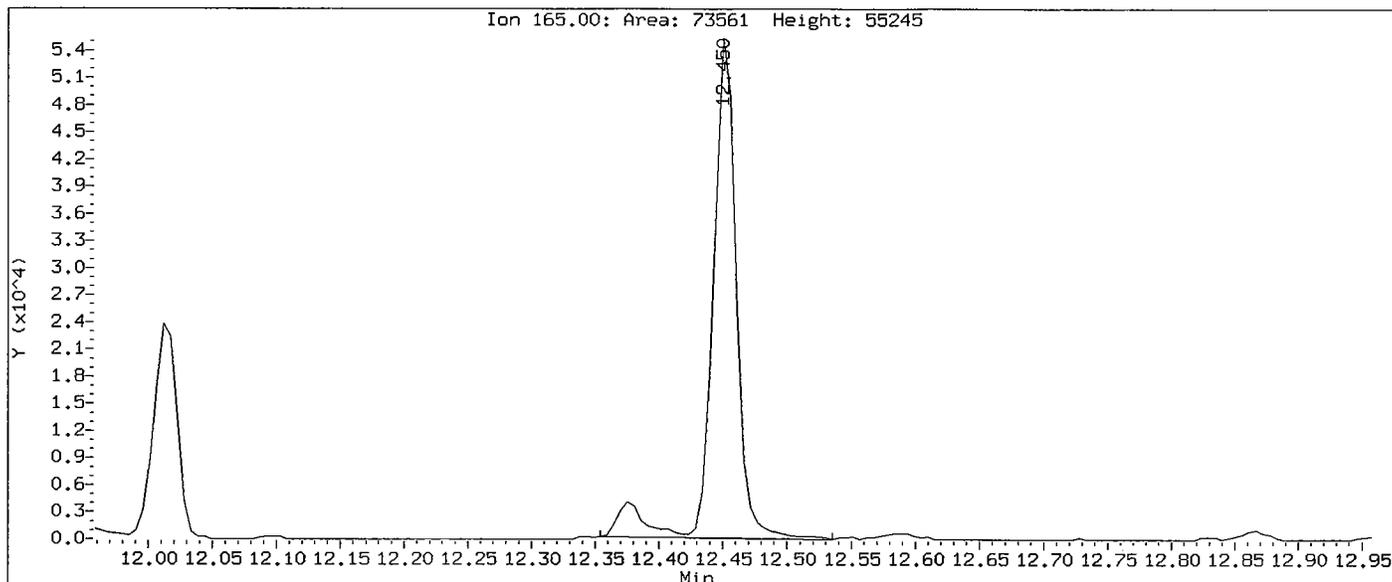
Compound: 4-Nitrophenol
CAS Number: 100-02-7



000483

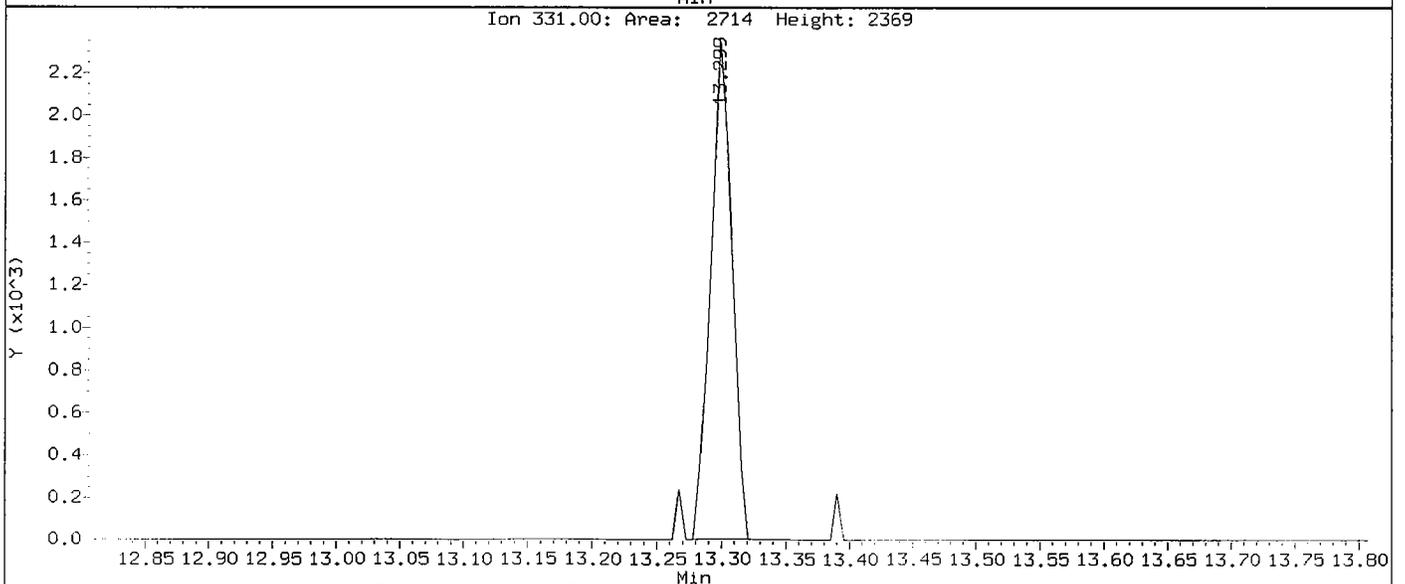
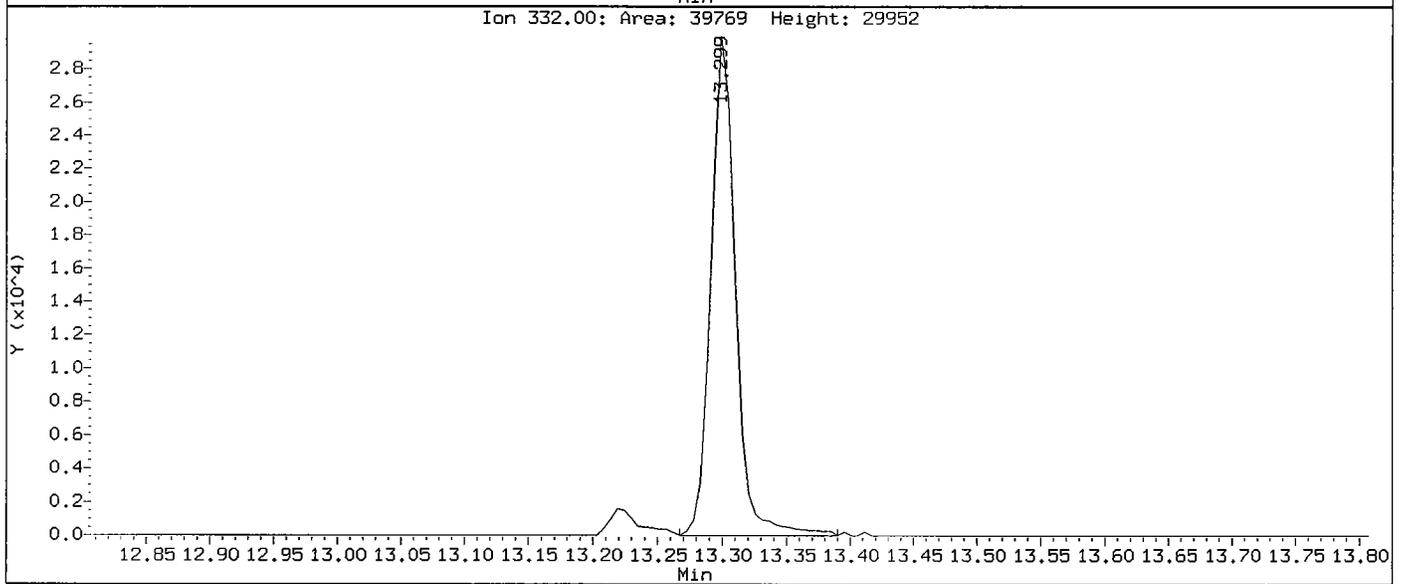
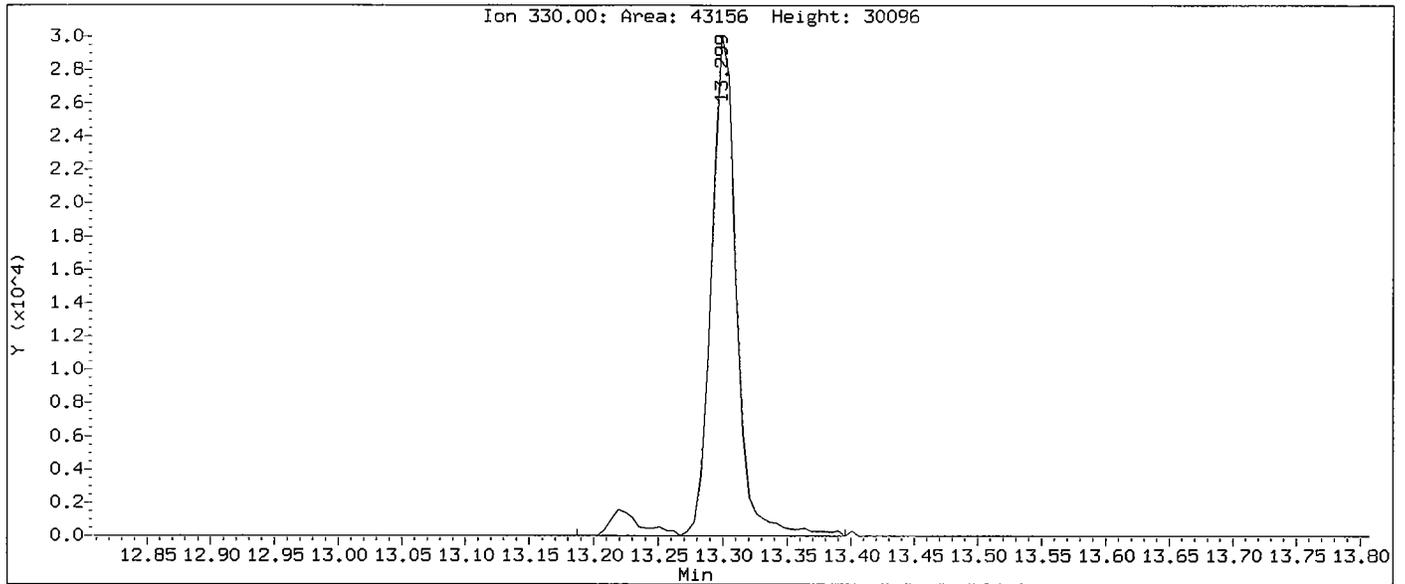
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Instrument: nt6.i
Client Sample ID: AN-RI-SEDC-04B MS

Compound: 2,4-Dinitrotoluene
CAS Number: 121-14-2



Data File: /chem1/nt6.i/20050801.b/ih29hms2.d
Injection Date: 01-AUG-2005 17:51
Instrument: nt6.i
Client Sample ID: AN-RI-SEDC-04B MS

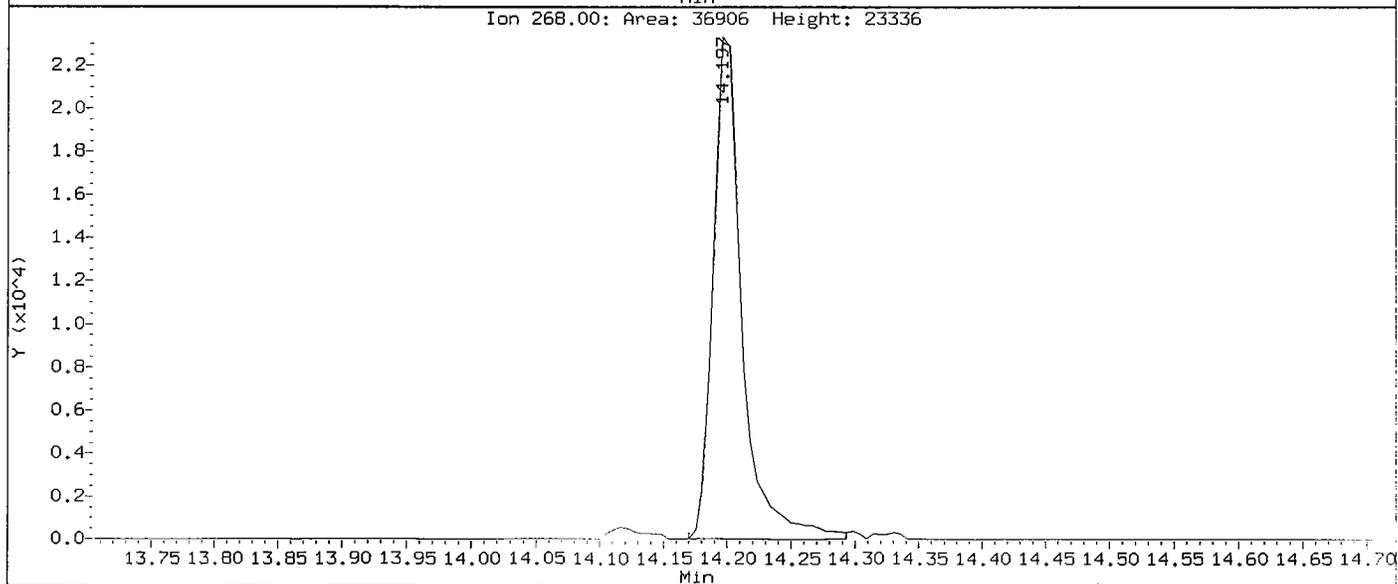
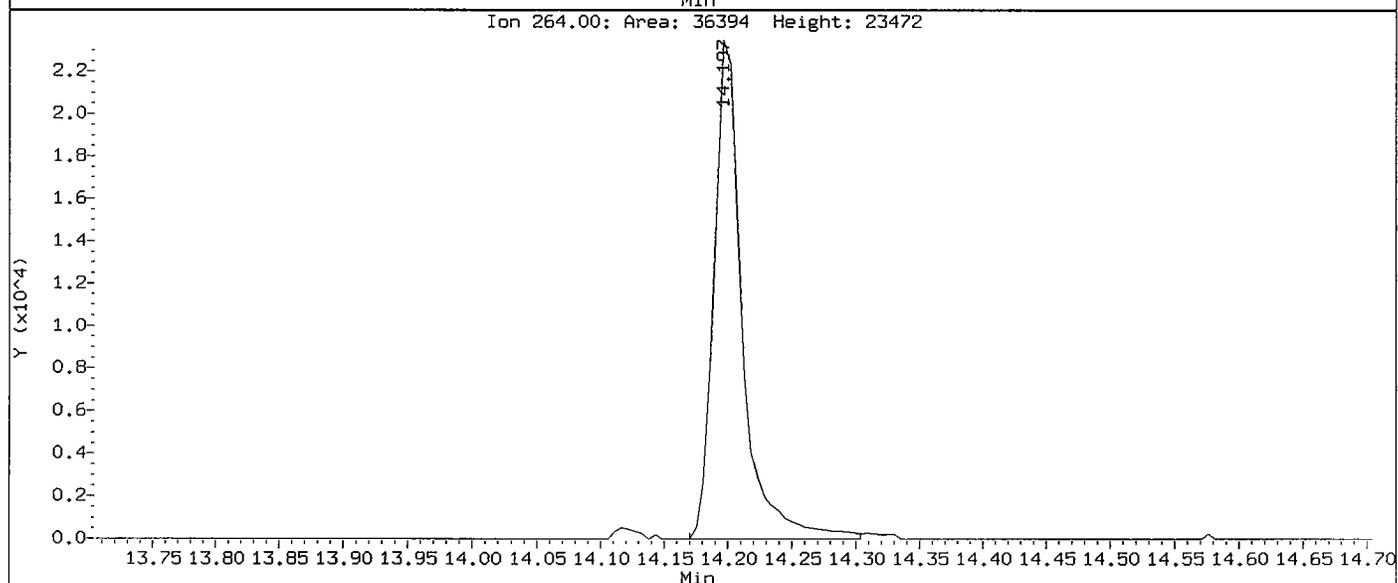
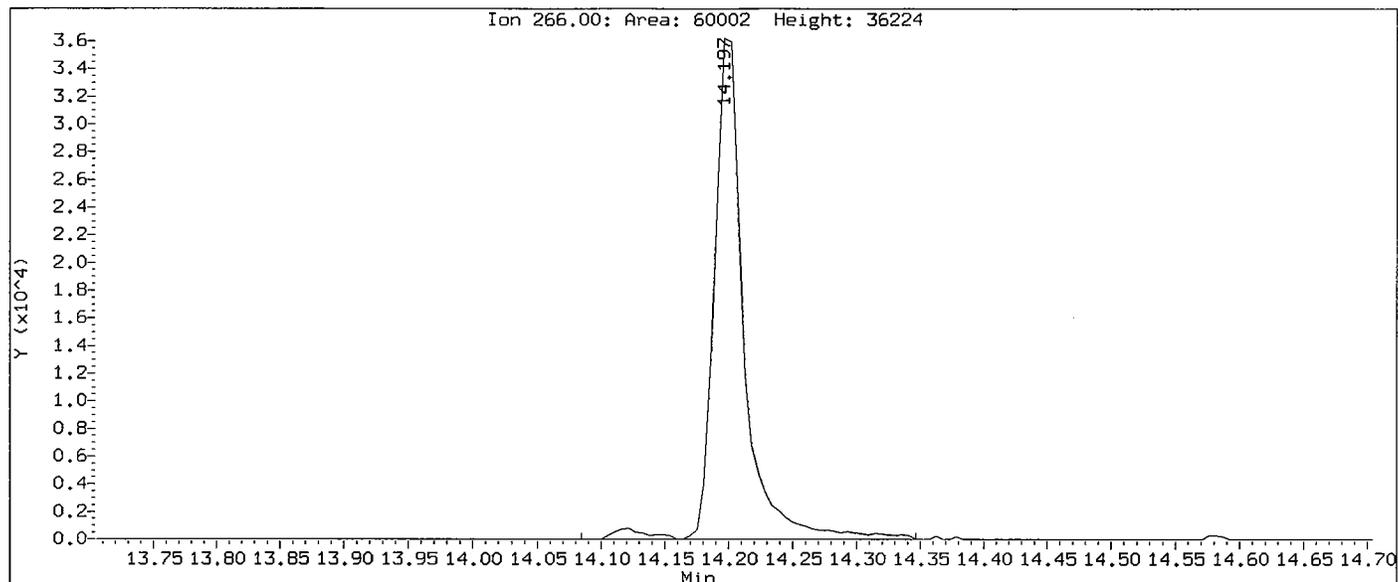
Compound: 2,4,6-Tribromophenol
CAS Number: 118-79-6



000485

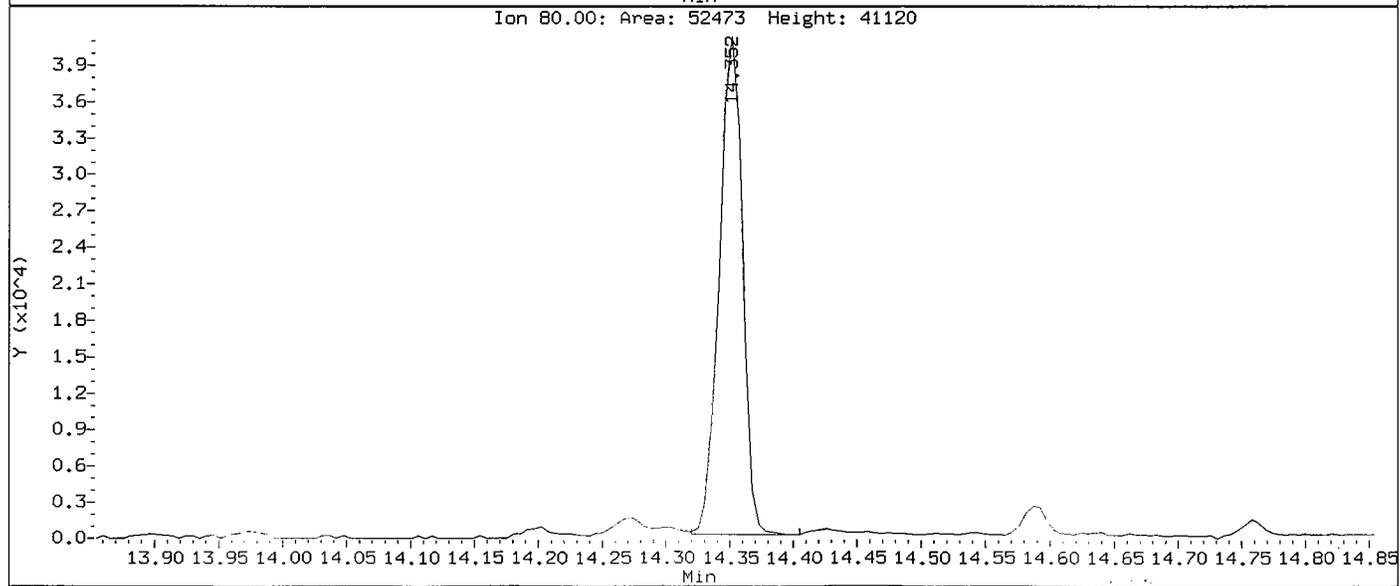
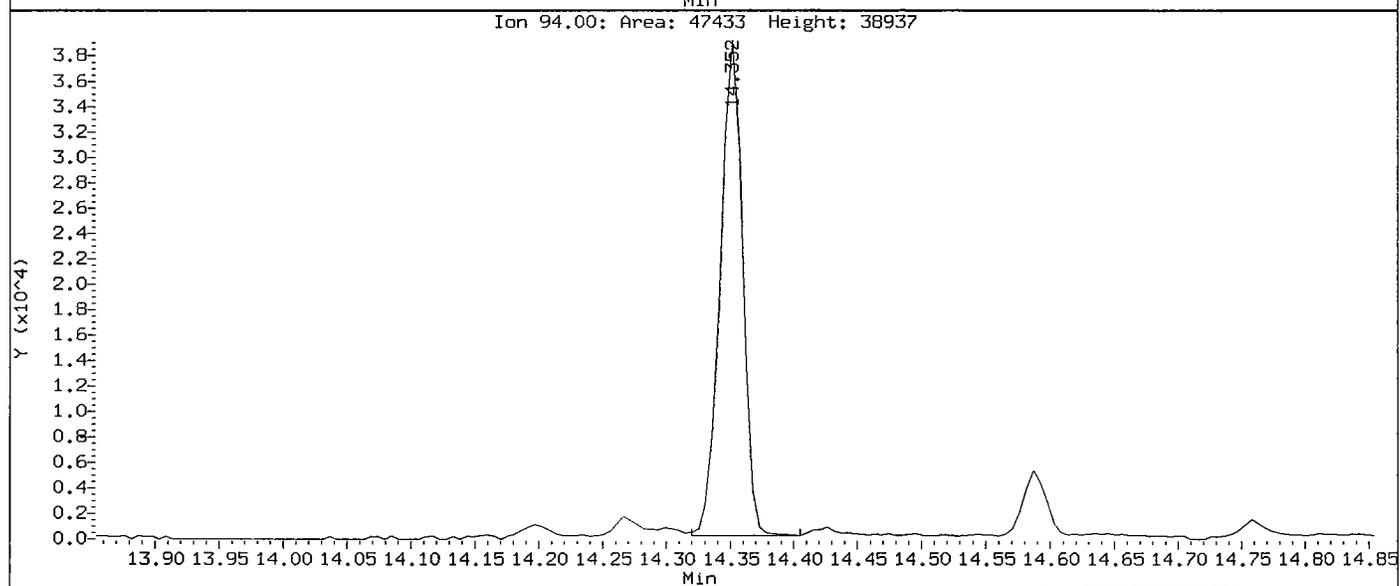
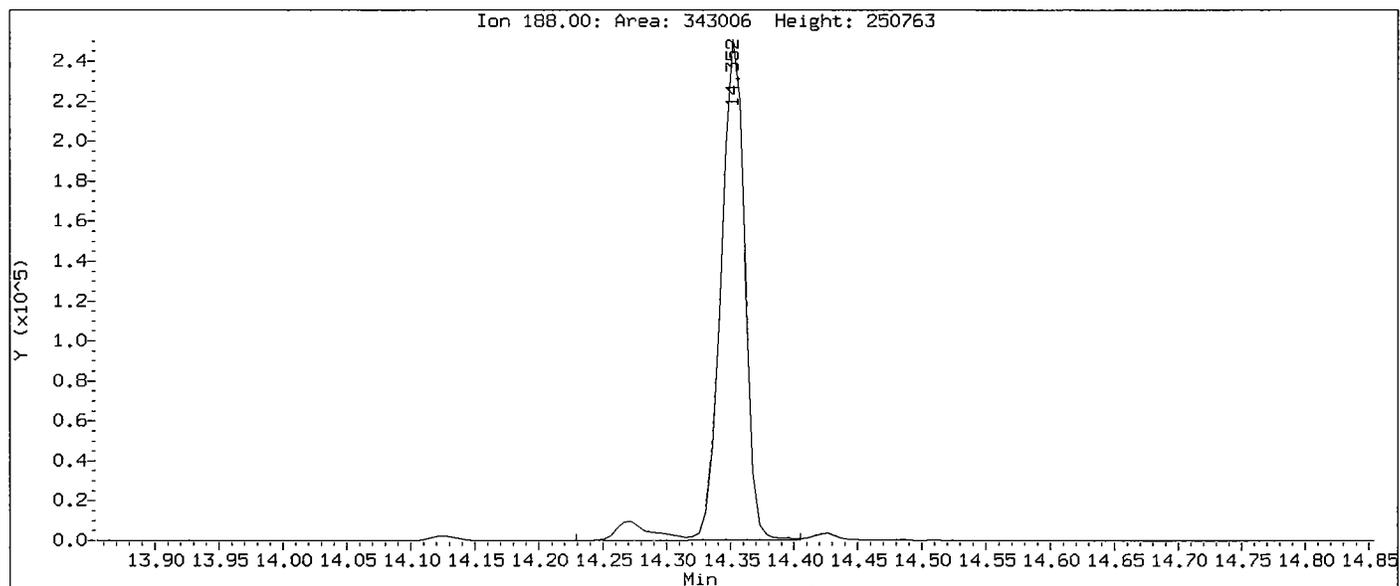
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Injection Date: 01-AUG-2005 17:51
Instrument: nt6.i
Client Sample ID: AN-RI-SEDC-04B MS

Compound: Pentachlorophenol
CAS Number: 87-86-5



Data File: /chem1/nt6.i/20050801.b/ih29hms2.d
Injection Date: 01-AUG-2005 17:51
Instrument: nt6.i
Client Sample ID: AN-RI-SEDC-04B MS

Compound: Phenanthrene-d10
CAS Number:



000487

ORGANICS ANALYSIS DATA SHEET

PSDDA Semivolatiles by SW8270D GC/MS

Page 1 of 1

Sample ID: AN-RI-SEDC-04B

MATRIX SPIKE DUPLICATE

Lab Sample ID: IH29H

QC Report No: IH29-Anchor Environmental

LIMS ID: 05-11910

Project: KC Former Scott Mill

Matrix: Sediment

00010501/T2

Data Release Authorized: *[Signature]*

Date Sampled: 07/15/05

Reported: 08/02/05

Date Received: 07/18/05

Date Extracted: 07/27/05

Sample Amount: 25.3 g-dry-wt

Date Analyzed: 08/01/05 18:24

Final Extract Volume: 0.5 mL

Instrument/Analyst: NT6/LJR

Dilution Factor: 1.00

GPC Cleanup: No

Percent Moisture: 35.1%

pH: 7.6

CAS Number	Analyte	RL	Result
108-95-2	Phenol	20	---
100-51-6	Benzyl Alcohol	20	< 20 U
95-48-7	2-Methylphenol	20	< 20 U
106-44-5	4-Methylphenol	20	< 20 U
67-72-1	Hexachloroethane	20	< 20 U
105-67-9	2,4-Dimethylphenol	20	< 20 U
65-85-0	Benzoic Acid	200	< 200 U
120-82-1	1,2,4-Trichlorobenzene	20	---
91-20-3	Naphthalene	20	< 20 U
87-68-3	Hexachlorobutadiene	20	< 20 U
91-57-6	2-Methylnaphthalene	20	< 20 U
131-11-3	Dimethylphthalate	20	< 20 U
208-96-8	Acenaphthylene	20	< 20 U
83-32-9	Acenaphthene	20	---
132-64-9	Dibenzofuran	20	< 20 U
84-66-2	Diethylphthalate	20	< 20 U
86-73-7	Fluorene	20	< 20 U
86-30-6	N-Nitrosodiphenylamine	20	< 20 U
87-86-5	Pentachlorophenol	99	---
85-01-8	Phenanthrene	20	< 20 U
120-12-7	Anthracene	20	< 20 U
84-74-2	Di-n-Butylphthalate	20	< 20 U
206-44-0	Fluoranthene	20	< 20 U
129-00-0	Pyrene	20	---
85-68-7	Butylbenzylphthalate	20	< 20 U
56-55-3	Benzo(a)anthracene	20	< 20 U
117-81-7	bis(2-Ethylhexyl)phthalate	20	< 20 U
218-01-9	Chrysene	20	< 20 U
117-84-0	Di-n-Octyl phthalate	20	< 20 U
205-99-2	Benzo(b)fluoranthene	20	< 20 U
207-08-9	Benzo(k)fluoranthene	20	< 20 U
50-32-8	Benzo(a)pyrene	20	< 20 U
193-39-5	Indeno(1,2,3-cd)pyrene	20	< 20 U
53-70-3	Dibenz(a,h)anthracene	20	< 20 U
191-24-2	Benzo(g,h,i)perylene	20	< 20 U

Reported in µg/kg (ppb)

Semivolatile Surrogate Recovery

d5-Nitrobenzene	57.2%	2-Fluorobiphenyl	58.4%
d14-p-Terphenyl	46.8%	d4-1,2-Dichlorobenzene	52.4%
d5-Phenol	51.2%	2-Fluorophenol	53.1%
2,4,6-Tribromophenol	64.3%	d4-2-Chlorophenol	57.9%

Analytical Resources, Inc.

Semivolatile Report SW846 Method 8270C

Data file : /chem1/nt6.i/20050801.b/ih29hmd2.d
 Lab Smp Id: IH29HMSD Client Smp ID: AN-RI-SEDC-04B MSD
 Inj Date : 01-AUG-2005 18:24
 Operator : LJR/VS Inst ID: nt6.i
 Smp Info : IH29HMSD
 Misc Info : 05-11910
 Comment : 1ul Injection
 Method : /chem1/nt6.i/20050801.b/SW846.m
 Meth Date : 02-Aug-2005 12:12 jeff Quant Type: ISTD
 Cal Date : 18-JUL-2005 15:41 Cal File: 0800718.d
 Als bottle: 6 QC Sample: MSD
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: PSDDA.sub
 Target Version: 3.50

Handwritten: 8/2/05

Concentration Formula: Amt * DF * Vt / (Ws * (100 - M) / 100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	500.00000	Volume of final extract (uL)
Ws	39.00000	Weight of sample extracted (g)
M	35.10000	% Moisture

Cpnd Variable

Local Compound Variable

Compounds	QUANT SIG	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS		
						ON-COLUMN (ug/mL)	FINAL (ug/kg)	
\$ 1 2-Fluorophenol	112	5.293	5.266	(0.739)	199158	19.8605	392.3	
\$ 2 Phenol-d5	99	6.837	6.832	(0.954)	223596	19.1850	379.0 (M)	
3 Phenol	94	6.853	6.848	(0.957)	297491	22.5509	445.5	
\$ 5 2-Chlorophenol-d4	132	6.891	6.885	(0.962)	200816	21.7277	429.2	
4 Bis(2-Chloroethyl)ether	93	Compound Not Detected.						
6 2-Chlorophenol	128	6.912	6.912	(0.965)	217929	21.8559	431.7	
7 1,3-Dichlorobenzene	146	Compound Not Detected.						
* 8 1,4-Dichlorobenzene-d4	152	7.163	7.168	(1.000)	141983	20.0000	(M)	
9 1,4-Dichlorobenzene	146	7.184	7.190	(1.003)	145661	13.4947	266.6 (M)	
\$ 10 1,2-Dichlorobenzene-d4	152	7.457	7.462	(1.041)	78702	13.0709	258.2 (M)	
12 1,2-Dichlorobenzene	146	Compound Not Detected.						
11 Benzyl alcohol	108	Compound Not Detected.						
14 2,2'-oxybis(1-Chloropropane)	45	Compound Not Detected.						
13 2-Methylphenol	108	Compound Not Detected.						
17 Hexachloroethane	117	Compound Not Detected.						

Compounds	QUANT	SIG	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
							ON-COLUMN (ug/mL)	FINAL (ug/kg)
16 N-Nitroso-di-n-propylamine	70		7.954	7.970	(1.110)	111711	14.4197	284.9 (M)
15 4-Methylphenol	108					Compound Not Detected.		
§ 18 Nitrobenzene-d5	82		8.109	8.119	(0.882)	162367	14.2990	282.5 (M)
19 Nitrobenzene	77					Compound Not Detected.		
20 Isophorone	82					Compound Not Detected.		
21 2-Nitrophenol	139					Compound Not Detected.		
22 2,4-Dimethylphenol	107					Compound Not Detected.		
23 Bis(2-Chloroethoxy)methane	93					Compound Not Detected.		
24 Benzoic acid	105					Compound Not Detected.		
25 2,4-Dichlorophenol	162					Compound Not Detected.		
26 1,2,4-Trichlorobenzene	180		9.145	9.150	(0.995)	108417	14.4175	284.8 (M)
* 27 Naphthalene-d8	136		9.193	9.198	(1.000)	492952	20.0000	(M)
28 Naphthalene	128					Compound Not Detected.		
29 4-Chloroaniline	127					Compound Not Detected.		
30 Hexachlorobutadiene	225					Compound Not Detected.		
31 4-Chloro-3-methylphenol	107		10.256	10.251	(1.116)	189255	25.0197	494.2 (M)
32 2-Methylnaphthalene	141					Compound Not Detected.		
33 Hexachlorocyclopentadiene	237					Compound Not Detected.		
34 2,4,6-Trichlorophenol	196					Compound Not Detected.		
35 2,4,5-Trichlorophenol	196					Compound Not Detected.		
§ 36 2-Fluorobiphenyl	172		10.977	10.983	(0.914)	250636	14.5764	287.9 (M)
37 2-Chloronaphthalene	162					Compound Not Detected.		
38 2-Nitroaniline	65					Compound Not Detected.		
39 Dimethylphthalate	163					Compound Not Detected.		
40 Acenaphthylene	152					Compound Not Detected.		
41 2,6-Dinitrotoluene	165					Compound Not Detected.		
* 42 Acenaphthene-d10	164		12.014	12.019	(1.000)	256336	20.0000	(M)
43 3-Nitroaniline	138					Compound Not Detected.		
44 Acenaphthene	153		12.062	12.067	(1.004)	230612	14.9498	295.3 (M)
45 2,4-Dinitrophenol	184					Compound Not Detected.		
46 Dibenzofuran	168					Compound Not Detected.		
47 4-Nitrophenol	109		12.430	12.430	(1.035)	52382	30.0786	594.2 (M)
48 2,4-Dinitrotoluene	165		12.452	12.457	(1.036)	69533	14.9221	294.8 (M)
50 Diethylphthalate	149					Compound Not Detected.		
49 Fluorene	166					Compound Not Detected.		
51 4-Chlorophenyl-phenylether	204					Compound Not Detected.		
52 4-Nitroaniline	138					Compound Not Detected.		
53 4,6-Dinitro-2-methylphenol	198					Compound Not Detected.		
54 N-Nitrosodiphenylamine	169					Compound Not Detected.		
§ 55 2,4,6-Tribromophenol	330		13.301	13.306	(1.107)	41560	24.1054	476.2 (M)
56 4-Bromophenyl-phenylether	248					Compound Not Detected.		
57 Hexachlorobenzene	284					Compound Not Detected.		
58 Pentachlorophenol	266		14.199	14.204	(0.989)	56917	29.8638	589.9 (M)
* 59 Phenanthrene-d10	188		14.354	14.353	(1.000)	334663	20.0000	(M)
60 Phenanthrene	178					Compound Not Detected.		
61 Anthracene	178					Compound Not Detected.		
62 Carbazole	167					Compound Not Detected.		

Compounds	QUANT SIG	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
						ON-COLUMN (ug/mL)	FINAL (ug/kg)
63 Di-n-butylphthalate	149				Compound Not Detected.		
64 Fluoranthene	202				Compound Not Detected.		
65 Pyrene	202	16.645	16.651	(0.894)	336261	12.2164	241.3
\$ 66 Terphenyl-d14	244	16.987	16.987	(0.912)	200183	11.7237	231.6
67 Butylbenzylphthalate	149				Compound Not Detected.		
68 Benzo(a)anthracene	228				Compound Not Detected.		
* 69 Chrysene-d12	240	18.617	18.622	(1.000)	317546	20.0000	
70 3,3'-Dichlorobenzidine	252				Compound Not Detected.		
71 Chrysene	228				Compound Not Detected.		
72 bis(2-Ethylhexyl)phthalate	149				Compound Not Detected.		
* 134 Di-n-octylphthalate-d4	153	19.786	19.786	(1.000)	586165	20.0000	
73 Di-n-octylphthalate	149				Compound Not Detected.		
74 Benzo(b)fluoranthene	252				Compound Not Detected.		
75 Benzo(k)fluoranthene	252				Compound Not Detected.		
76 Benzo(a)pyrene	252				Compound Not Detected.		
* 77 Perylene-d12	264	20.759	20.753	(1.000)	328875	20.0000	
78 Indeno(1,2,3-cd)pyrene	276				Compound Not Detected.		
79 Dibenzo(a,h)anthracene	278				Compound Not Detected.		
80 Benzo(g,h,i)perylene	276				Compound Not Detected.		

QC Flag Legend

M - Compound response manually integrated.

Analytical Resources, Inc.

INTERNAL STANDARD COMPOUNDS
 AREA AND RT SUMMARY

Instrument ID: nt6.i
 Lab File ID: ih29hmd2.d
 Lab Smp Id: IH29HMSD
 Analysis Type: SV
 Quant Type: ISTD
 Operator: LJR/VS
 Method File: /chem1/nt6.i/20050801.b/SW846.m
 Misc Info: 05-11910

Calibration Date: 01-AUG-2005
 Calibration Time: 15:03
 Client Smp ID: AN-RI-SEDC-04B M
 Level: LOW
 Sample Type: Sediment

COMPOUND	STANDARD	AREA LIMIT		SAMPLE	%DIFF
		LOWER	UPPER		
8 1,4-Dichlorobenze	134662	67331	269324	141983	5.44
27 Naphthalene-d8	478580	239290	957160	492952	3.00
42 Acenaphthene-d10	261164	130582	522328	256336	-1.85
59 Phenanthrene-d10	368195	184098	736390	334663	-9.11
69 Chrysene-d12	267475	133738	534950	317546	18.72
134 Di-n-octylphthala	494628	247314	989256	586165	18.51
77 Perylene-d12	300548	150274	601096	328875	9.43

COMPOUND	STANDARD	RT LIMIT		SAMPLE	%DIFF
		LOWER	UPPER		
8 1,4-Dichlorobenze	7.17	6.67	7.67	7.16	-0.07
27 Naphthalene-d8	9.20	8.70	9.70	9.19	-0.06
42 Acenaphthene-d10	12.02	11.52	12.52	12.01	-0.04
59 Phenanthrene-d10	14.35	13.85	14.85	14.35	0.00
69 Chrysene-d12	18.62	18.12	19.12	18.62	-0.03
134 Di-n-octylphthala	19.79	19.29	20.29	19.79	0.00
77 Perylene-d12	20.75	20.25	21.25	20.76	0.03

AREA UPPER LIMIT = +100% of internal standard area.
 AREA LOWER LIMIT = - 50% of internal standard area.
 RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
 RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

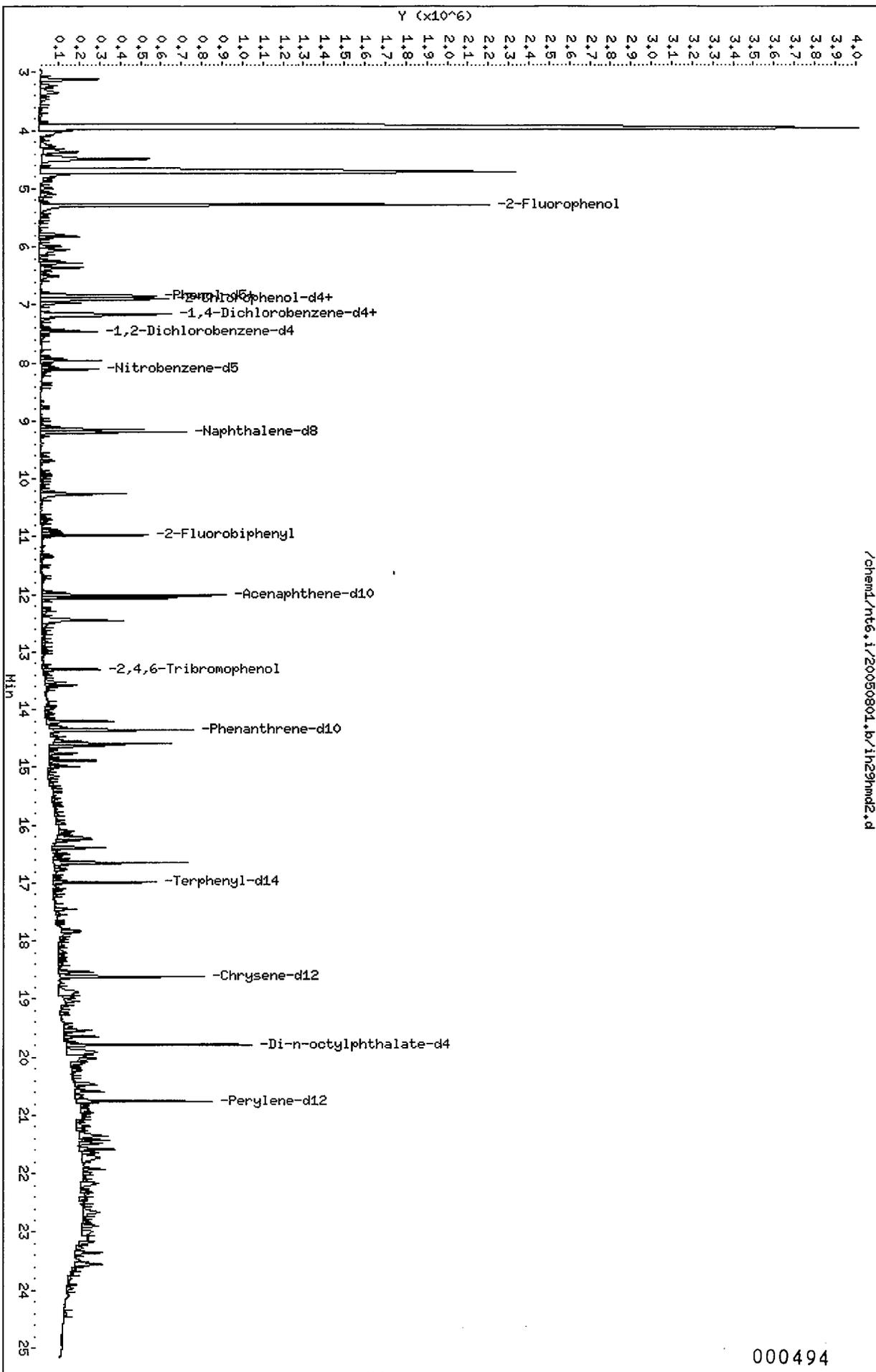
Analytical Resources, Inc.

RECOVERY REPORT

Client Name: ANCHOR Client SDG: IH29
 Sample Matrix: SOLID Fraction: SV
 Lab Smp Id: IH29HMSD Client Smp ID: AN-RI-SEDC-04B MSD
 Level: LOW Operator: LJR/VS
 Data Type: MS DATA SampleType: MSD
 SpikeList File: PSDDAMS.spk Quant Type: ISTD
 Sublist File: PSDDA.sub
 Method File: /chem1/nt6.i/20050801.b/SW846.m
 Misc Info: 05-11910

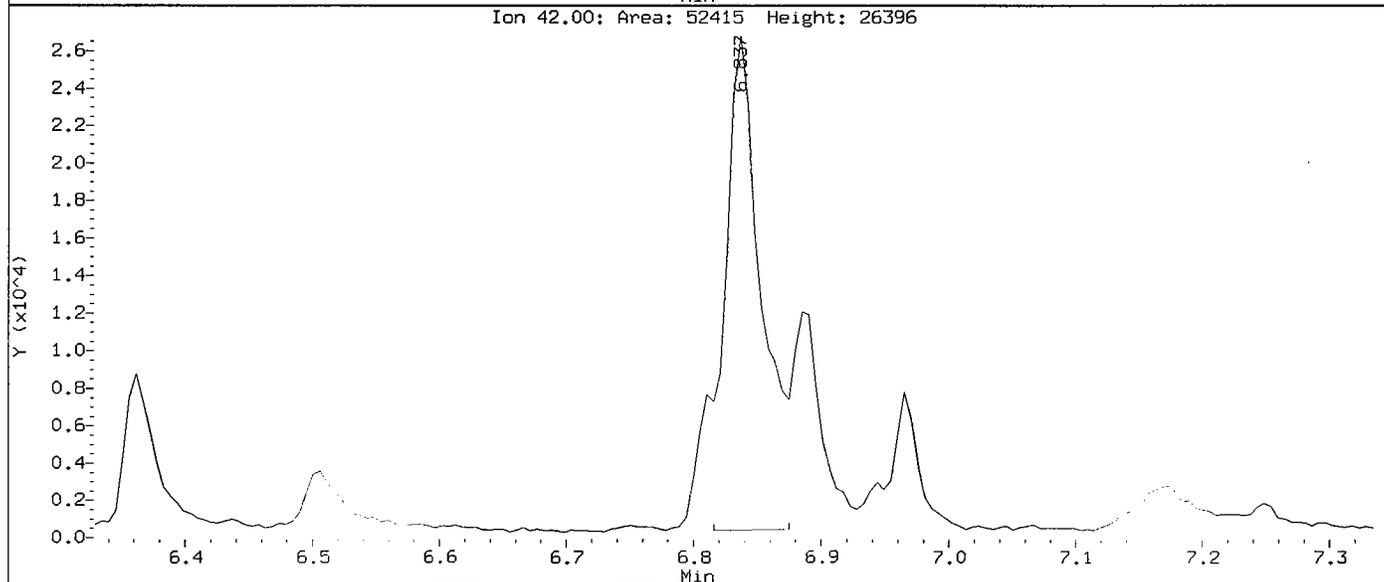
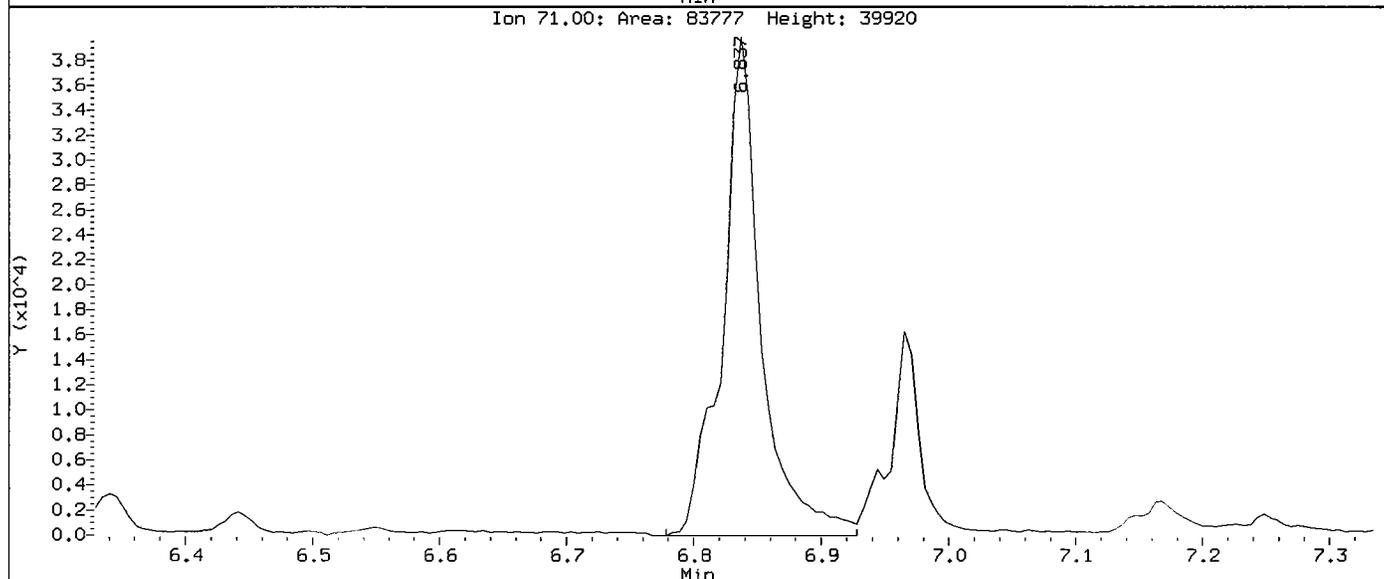
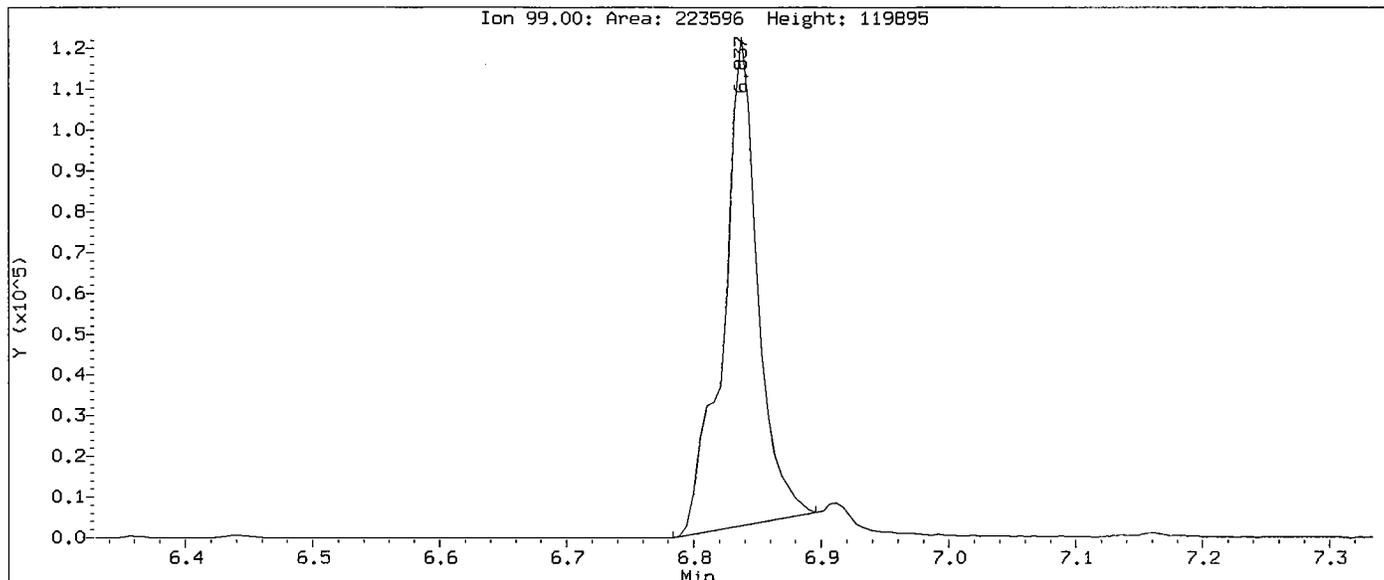
SPIKE COMPOUND	CONC ADDED ug/kg	CONC RECOVERED ug/kg	% RECOVERED	LIMITS
3 Phenol	740.8	445.5	60.14	32-121
6 2-Chlorophenol	740.8	431.7	58.28	39-111
9 1,4-Dichlorobenzen	493.9	266.6	53.98	34-88
16 N-Nitroso-di-n-pro	493.9	284.9	57.68	24-100
26 1,2,4-Trichloroben	493.9	284.8	57.67	41-91
31 4-Chloro-3-methylp	740.8	494.2	66.72	48-110
44 Acenaphthene	493.9	295.3	59.80	48-108
47 4-Nitrophenol	740.8	594.2	80.21	27-155
48 2,4-Dinitrotoluene	493.9	294.8	59.69	30-124
58 Pentachlorophenol	740.8	589.9	79.64	28-151
65 Pyrene	493.9	241.3	48.87	10-153

SURROGATE COMPOUND	CONC ADDED ug/kg	CONC RECOVERED ug/kg	% RECOVERED	LIMITS
\$ 1 2-Fluorophenol	740.8	392.3	52.96	24-112
2 Phenol-d5	740.8	379.0	51.16	29-109
5 2-Chlorophenol-d4	740.8	429.2	57.94	34-101
10 1,2-Dichlorobenzen	493.9	258.2	52.28	30-84
18 Nitrobenzene-d5	493.9	282.5	57.20	28-103
36 2-Fluorobiphenyl	493.9	287.9	58.31	33-104
55 2,4,6-Tribromophen	740.8	476.2	64.28	27-134
\$ 66 Terphenyl-d14	493.9	231.6	46.89	31-120



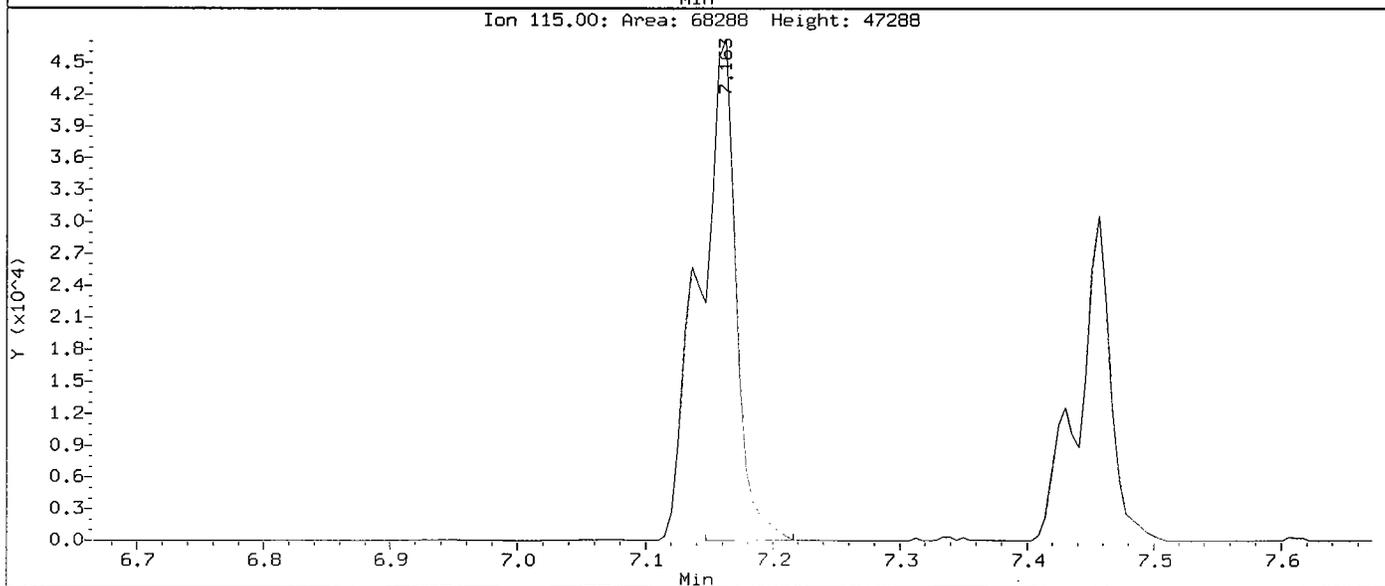
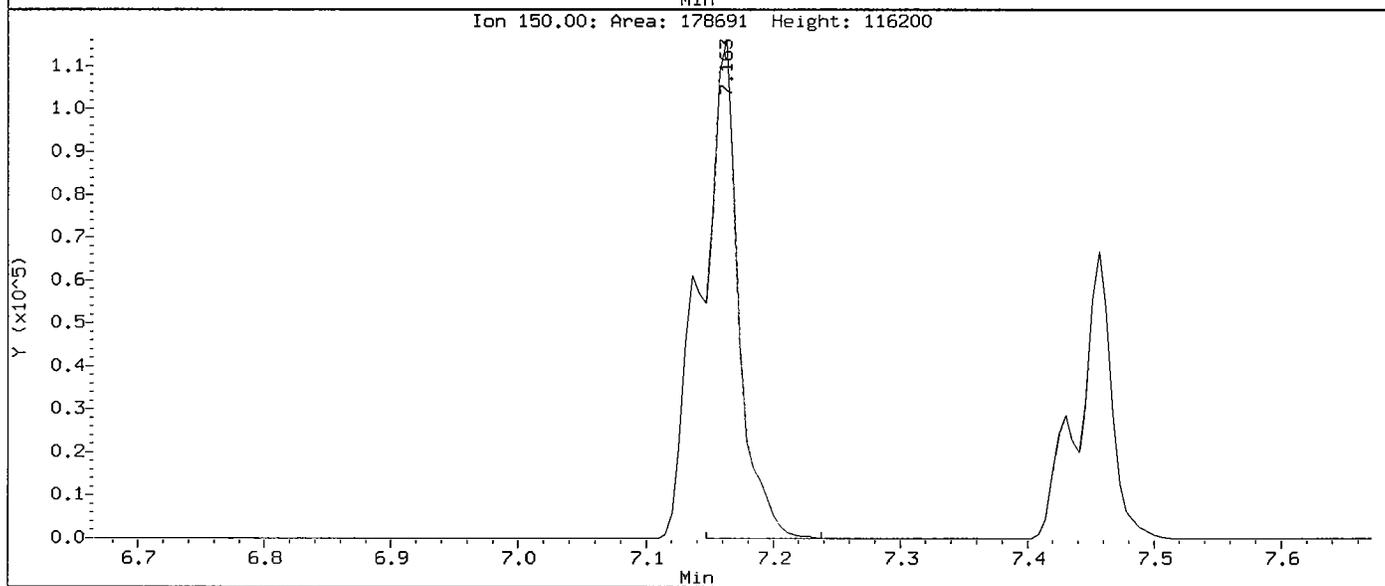
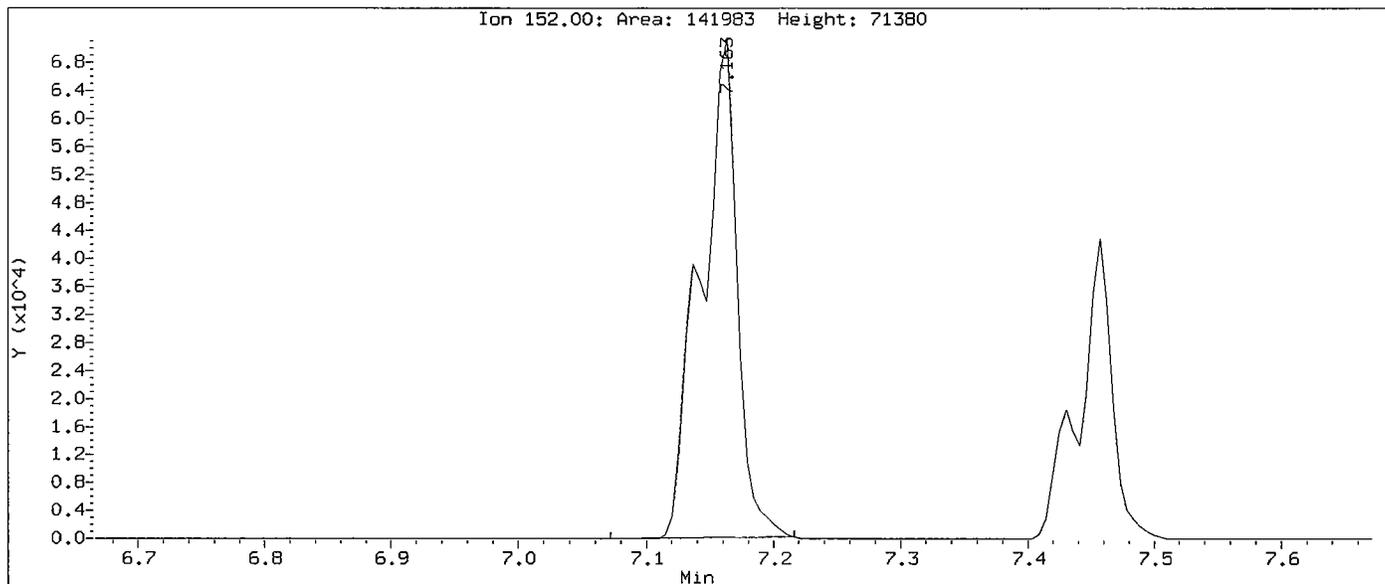
Data File: /chem1/nt6.i/20050801.b/ih29hmd2.d
Injection Date: 01-AUG-2005 18:24
Instrument: nt6.i
Client Sample ID: AN-RI-SEDC-04B MSD

Compound: Phenol-d5
CAS Number:



Data File: /chem1/nt6.1/20050801.b/ih29hmd2.d
Injection Date: 01-AUG-2005 18:24
Instrument: nt6.i
Client Sample ID: AN-RI-SEDC-04B MSD

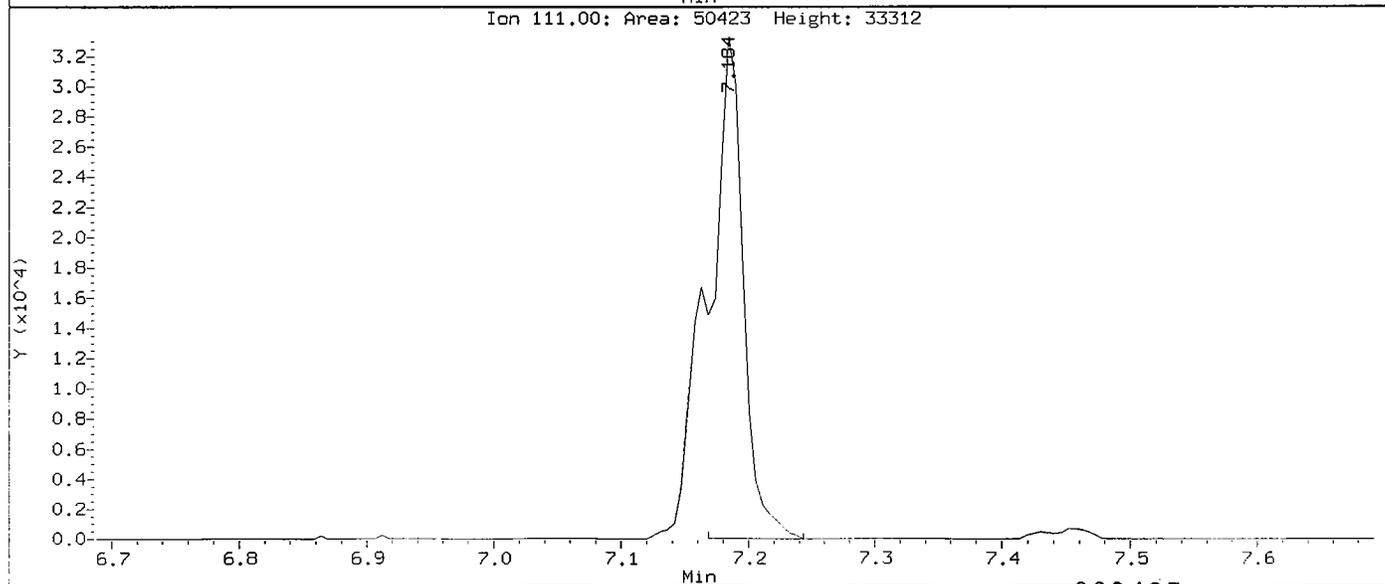
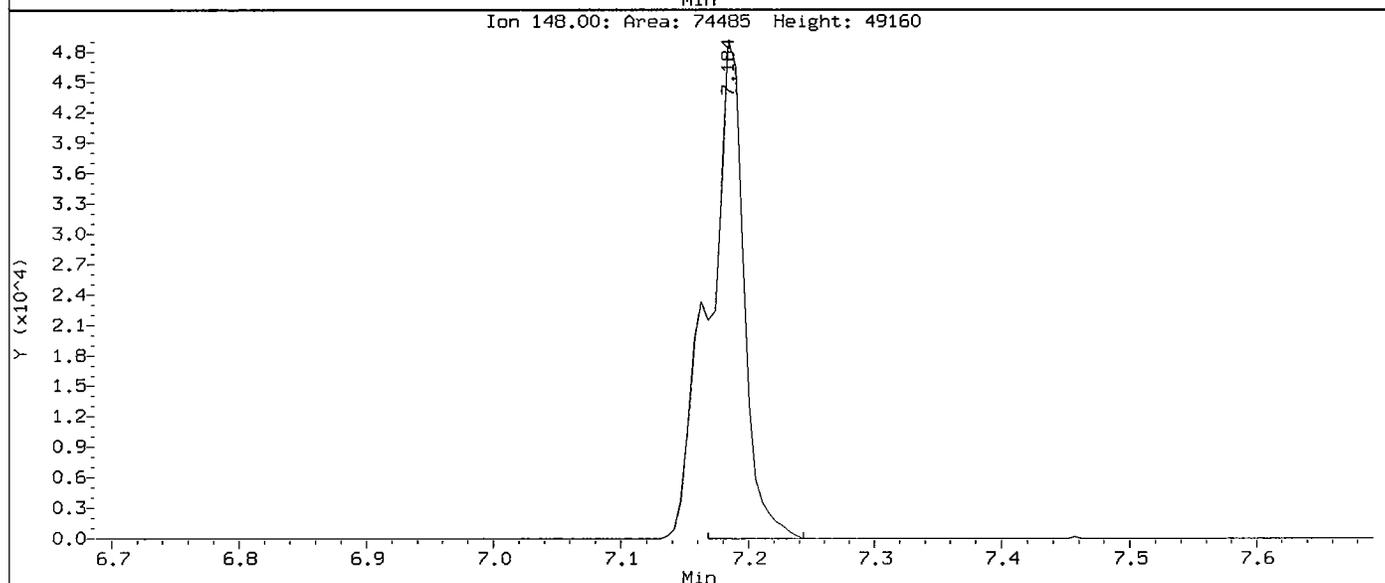
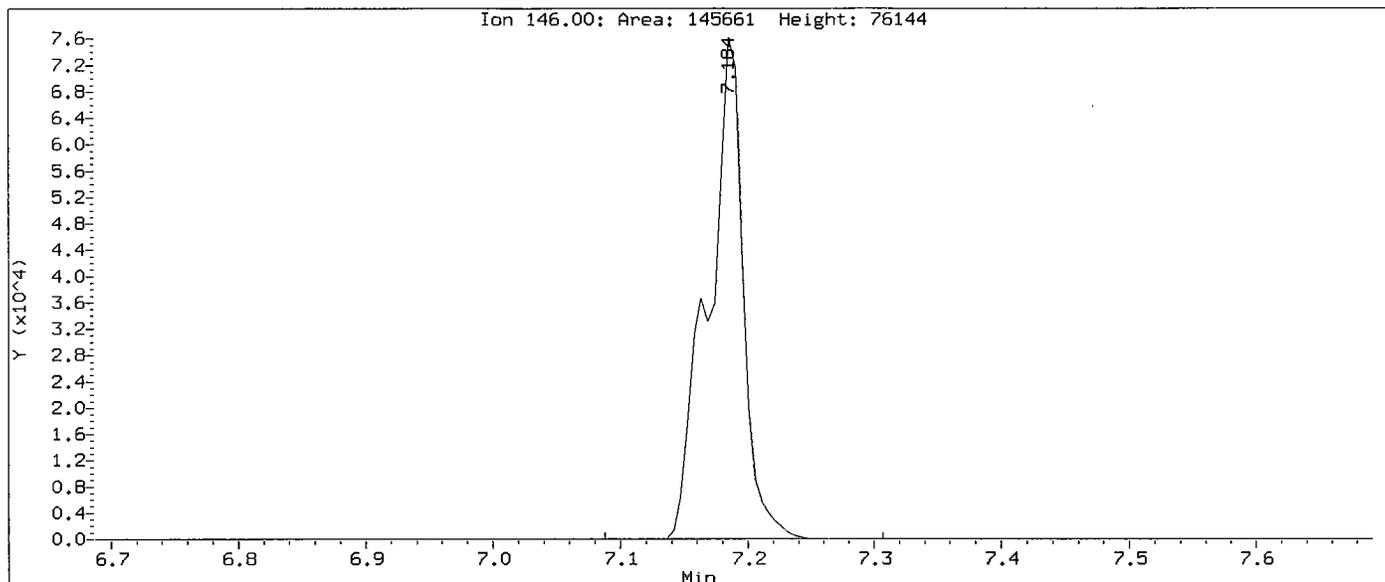
Compound: 1,4-Dichlorobenzene-d4
CAS Number: 3855-82-1



000496

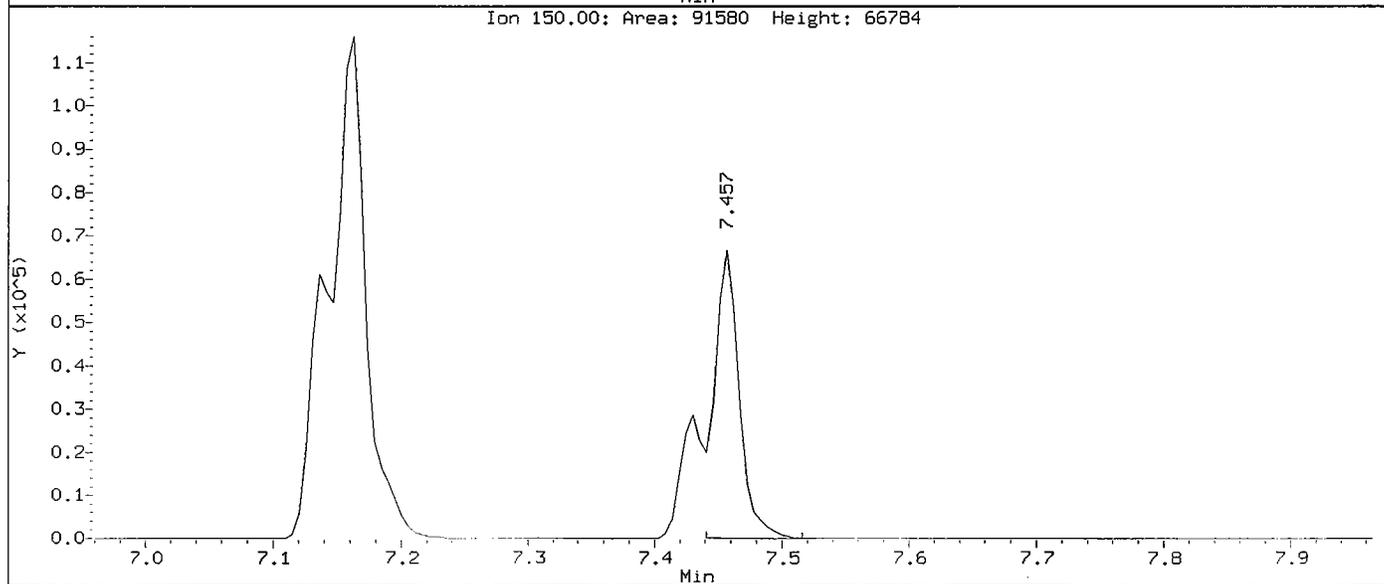
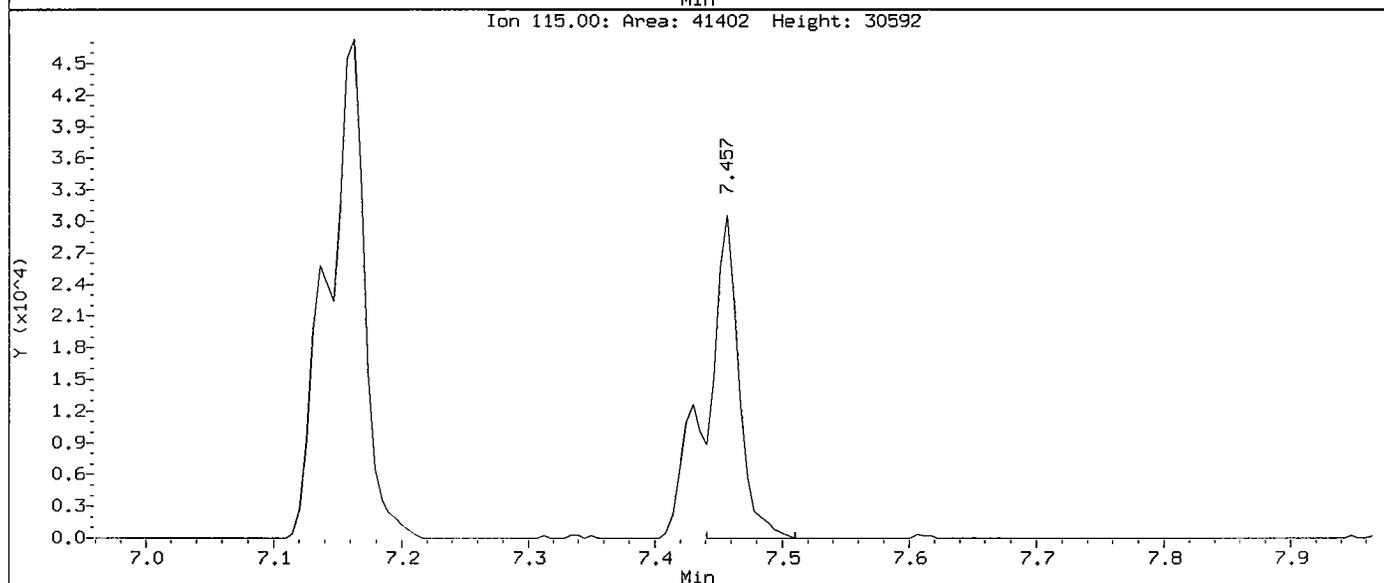
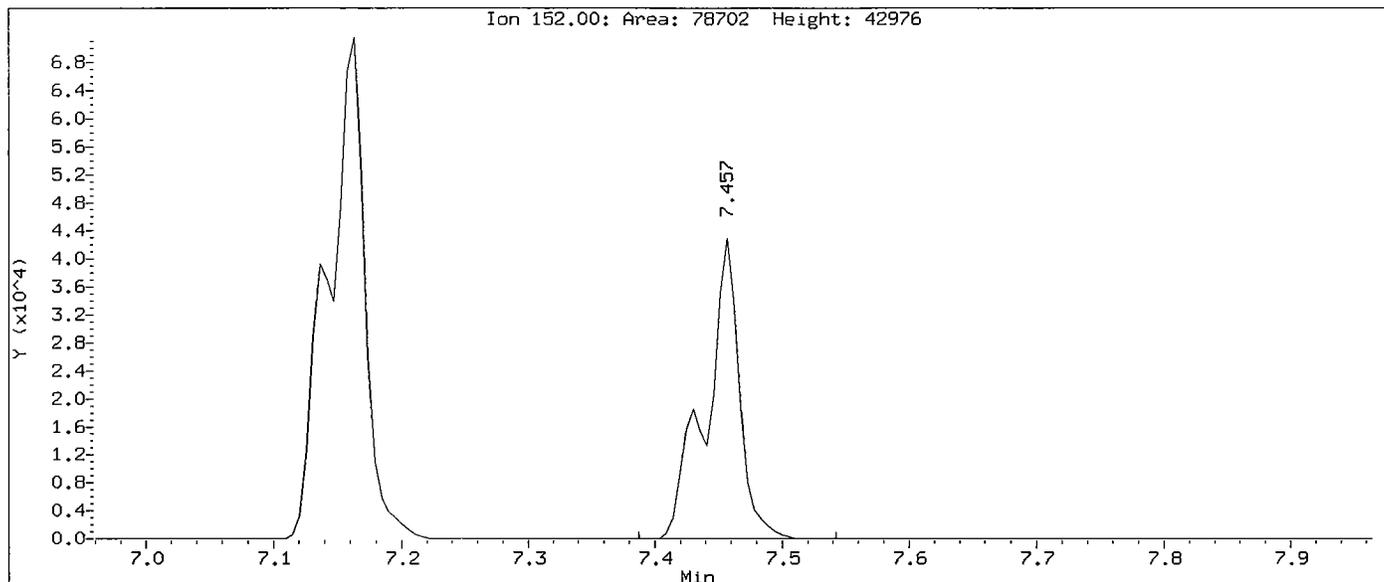
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Injection Date: 01-AUG-2005 18:24
Instrument: nt6.i
Client Sample ID: AN-RI-SEDC-04B MSD

Compound: 1,4-Dichlorobenzene
CAS Number: 106-46-7



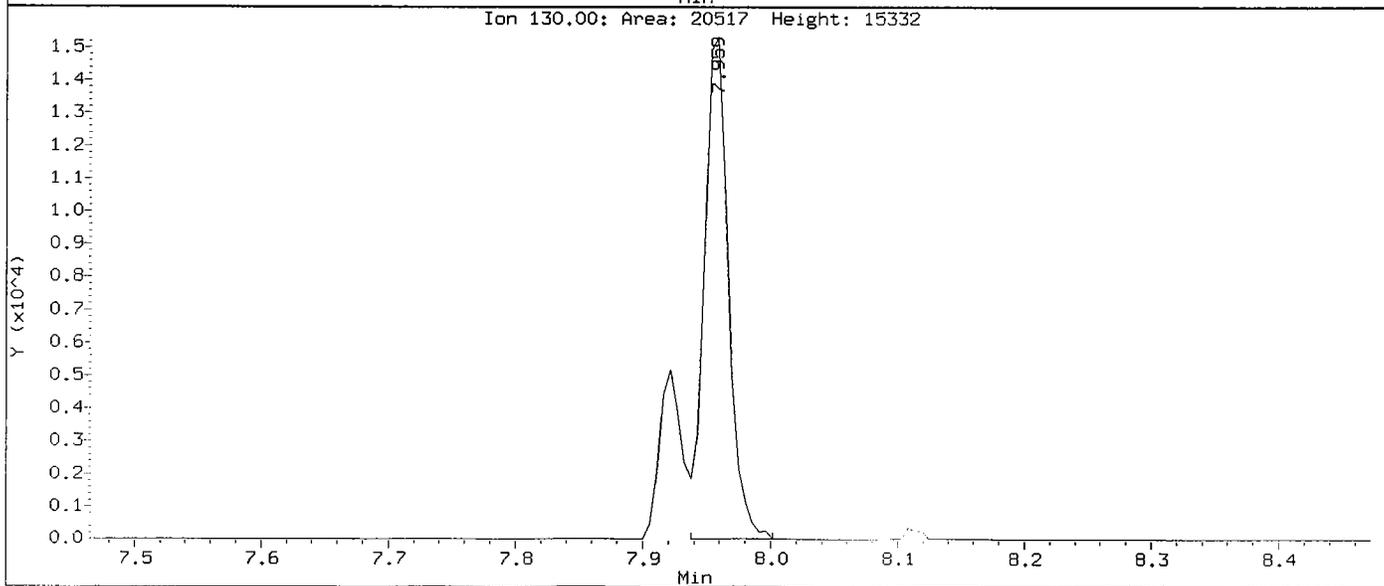
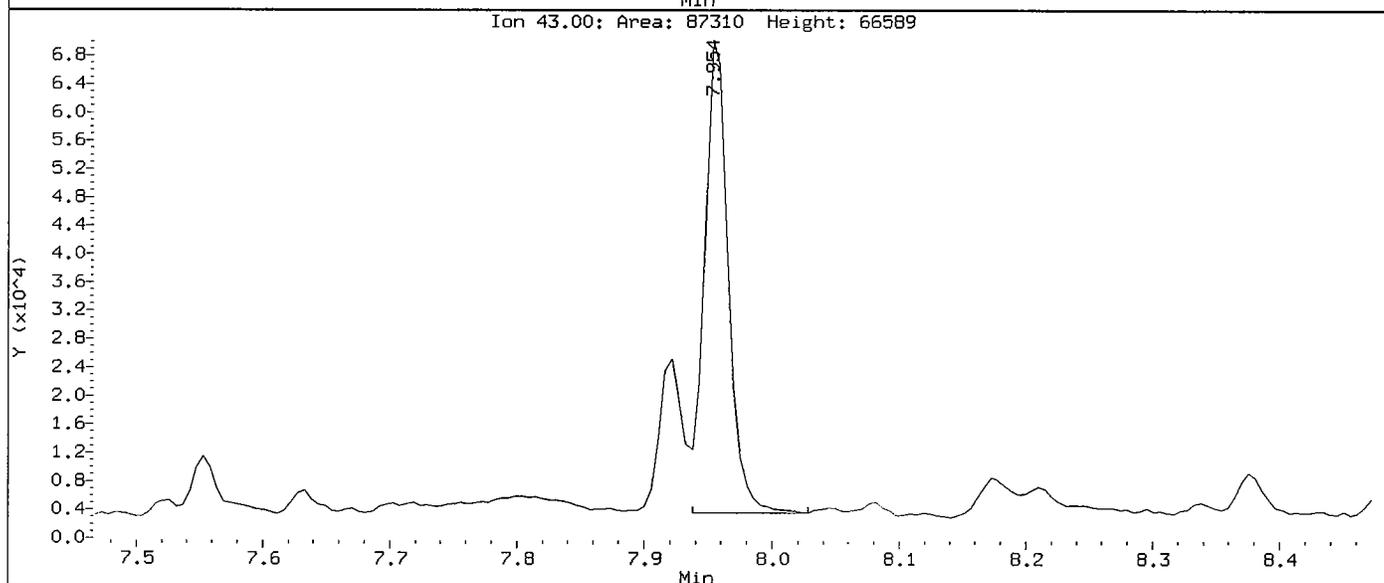
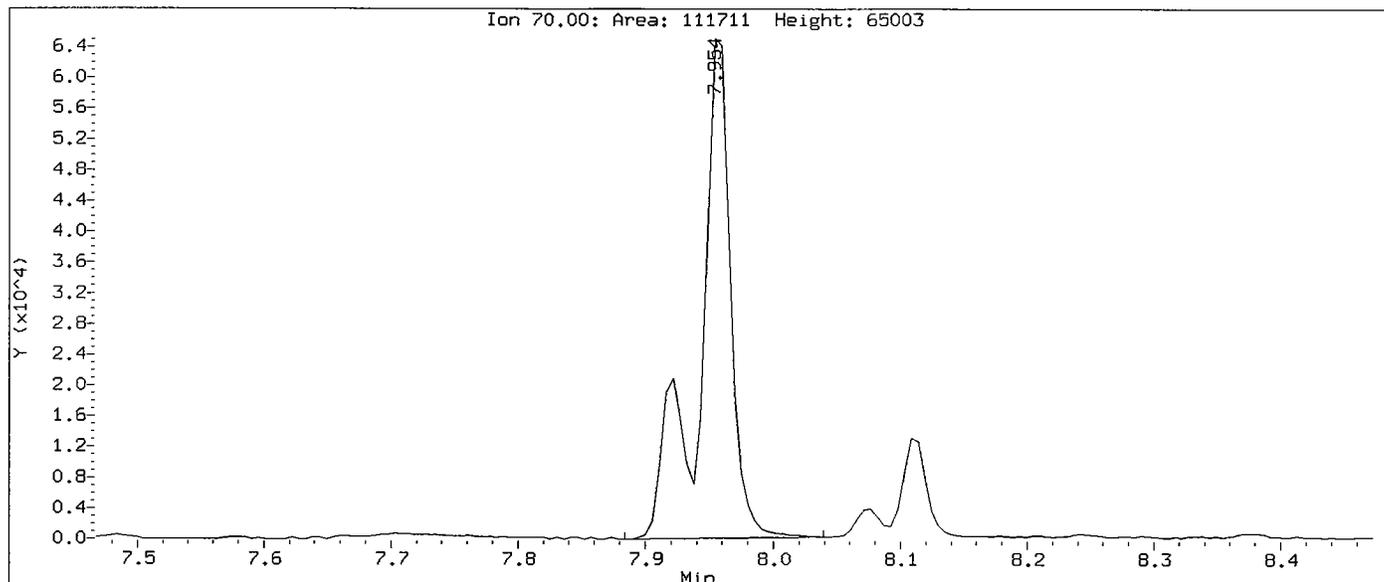
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Injection Date: 01-AUG-2005 18:24
Instrument: nt6.1
Client Sample ID: AN-RI-SEDC-04B MSD

Compound: 1,2-Dichlorobenzene-d4
CAS Number: 2199-69-1



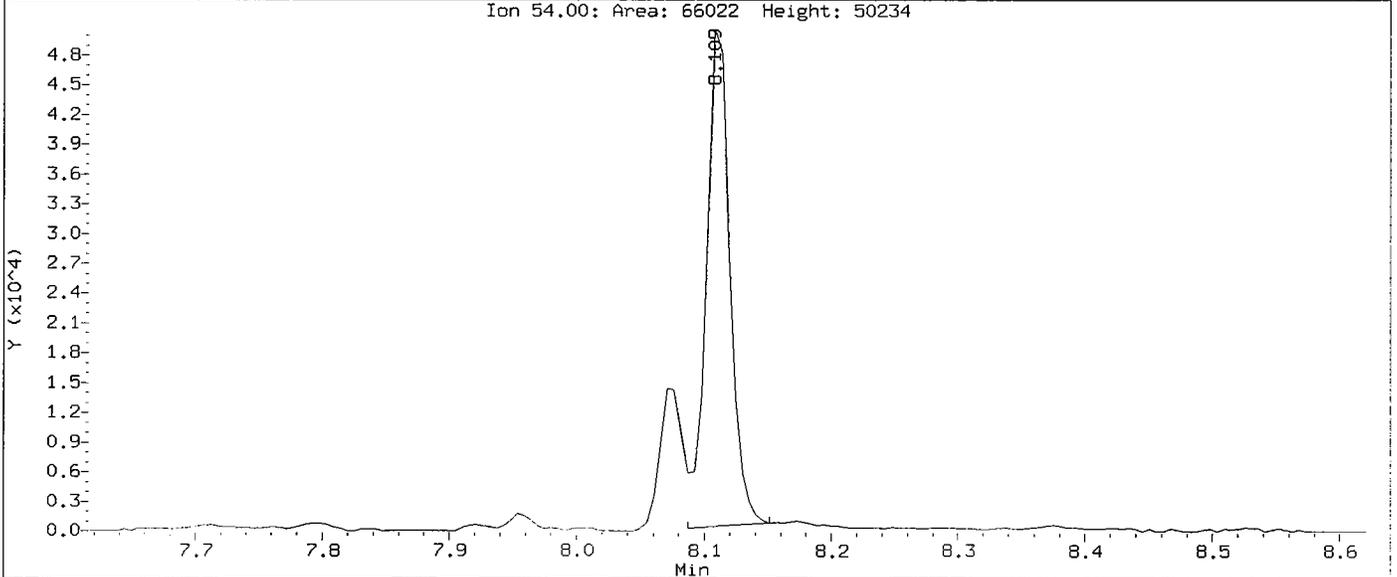
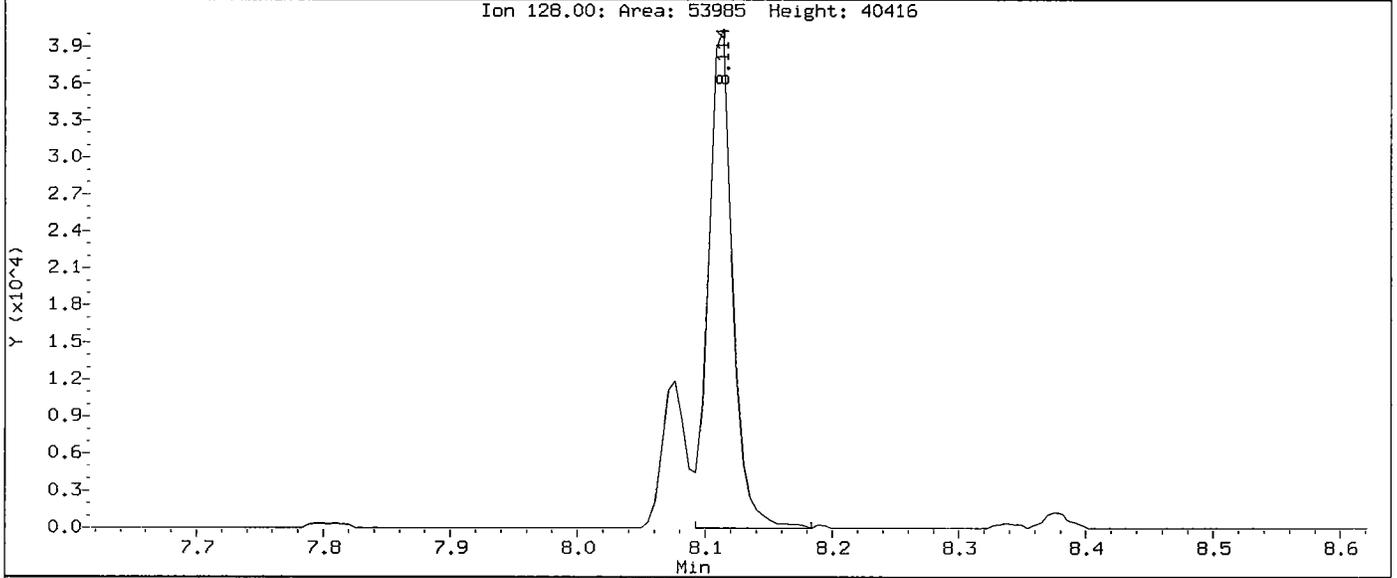
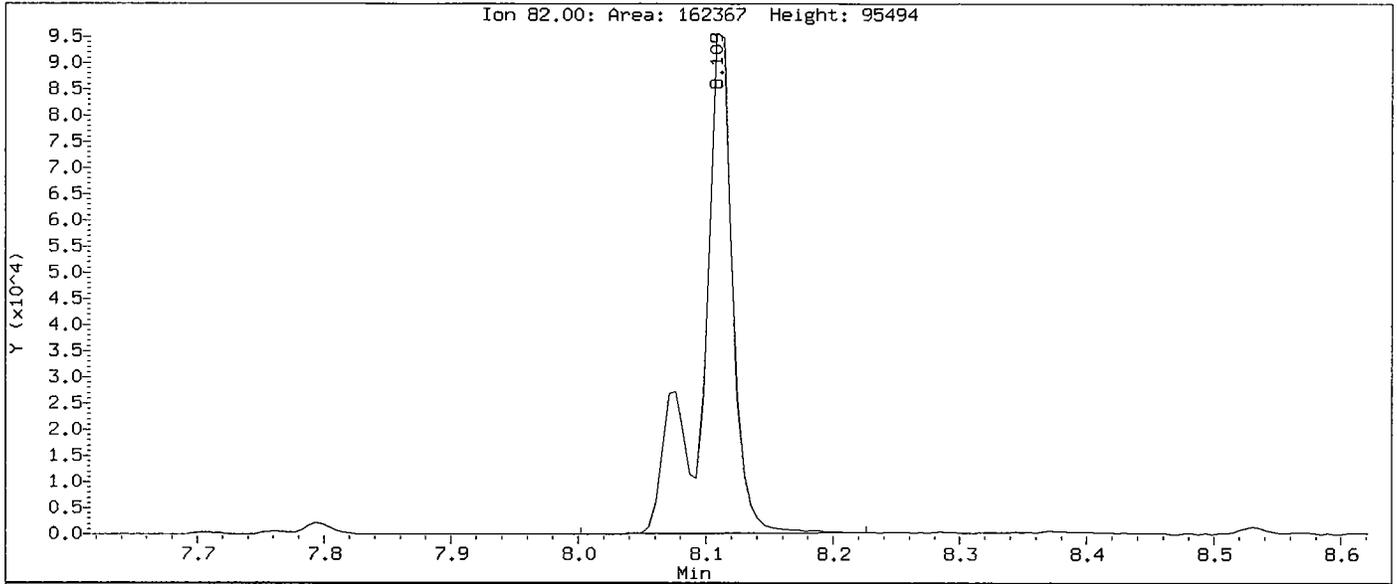
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Injection Date: 01-AUG-2005 18:24
Instrument: nt6.i
Client Sample ID: AN-RI-SEDC-04B MSD

Compound: N-Nitroso-di-n-propylamine
CAS Number: 621-64-7



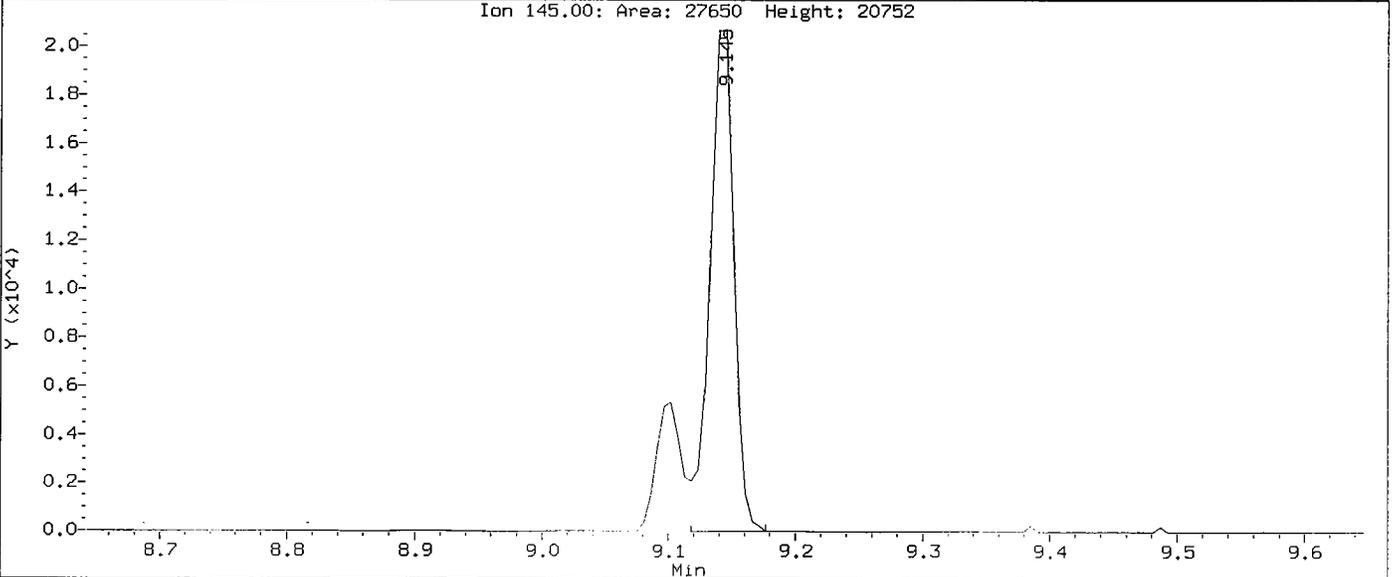
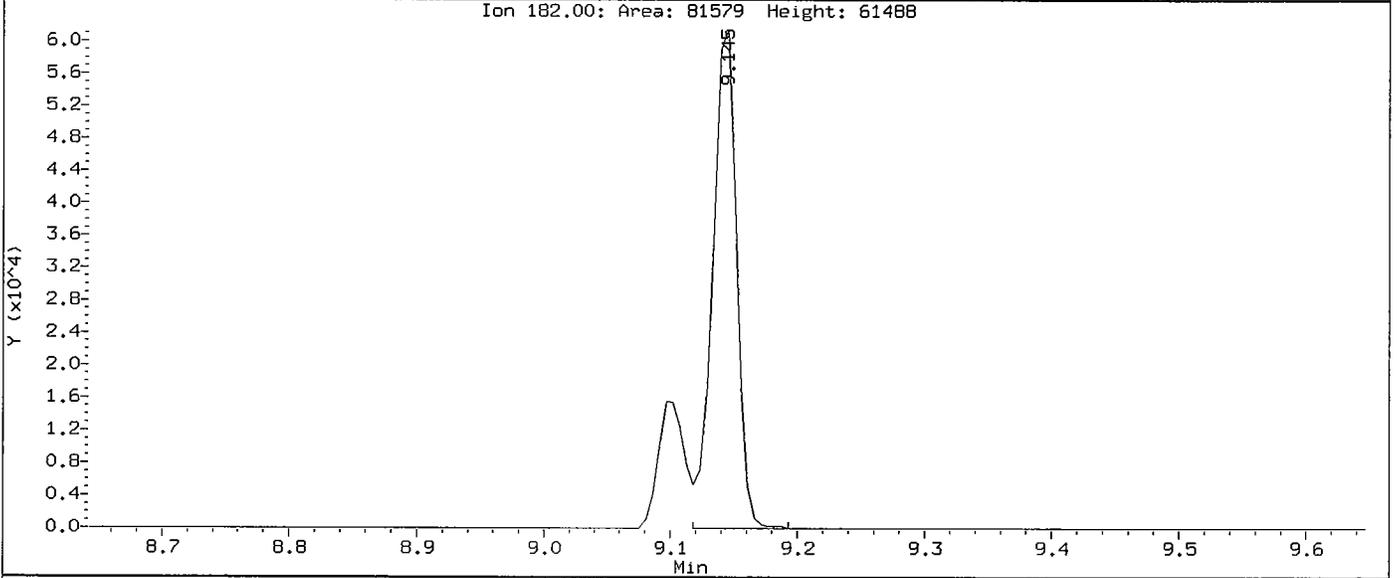
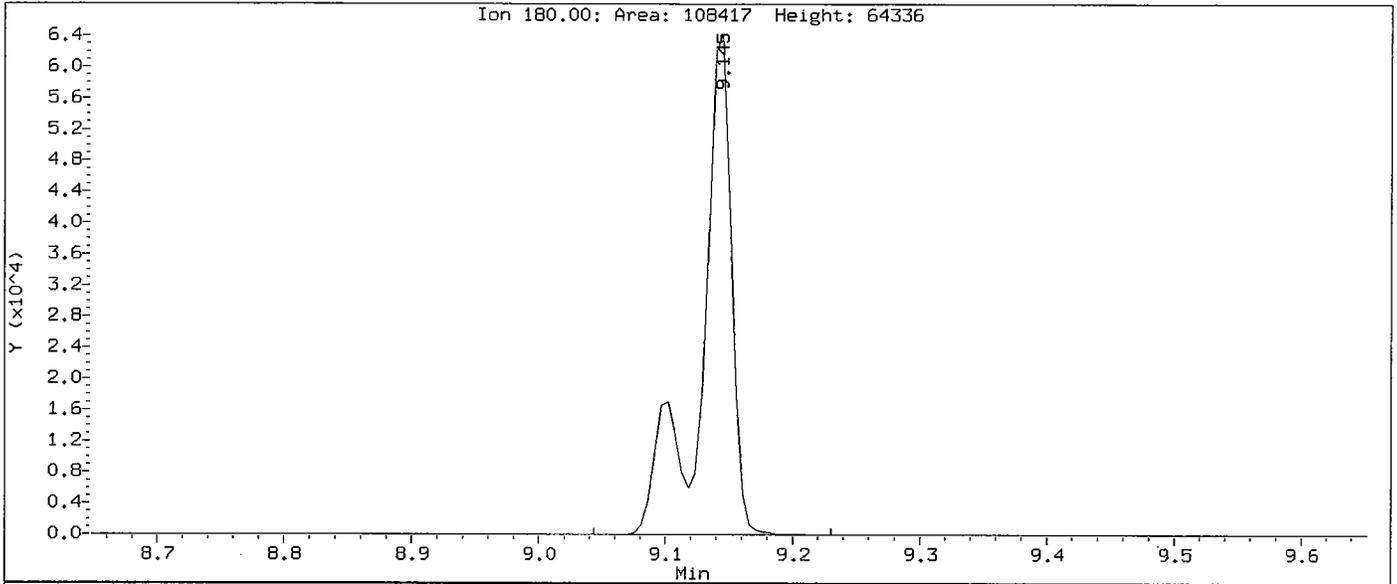
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Injection Date: 01-AUG-2005 18:24
Instrument: nt6.1
Client Sample ID: AN-RI-SEDC-04B MSD

Compound: Nitrobenzene-d5
CAS Number: 4165-60-0



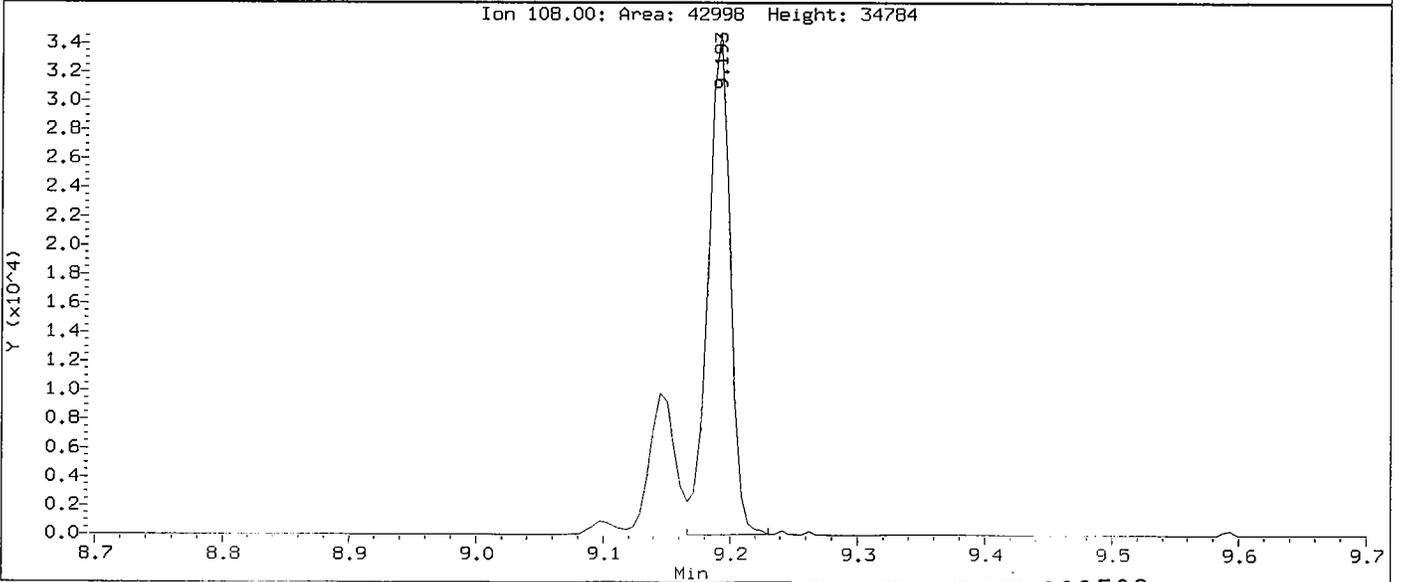
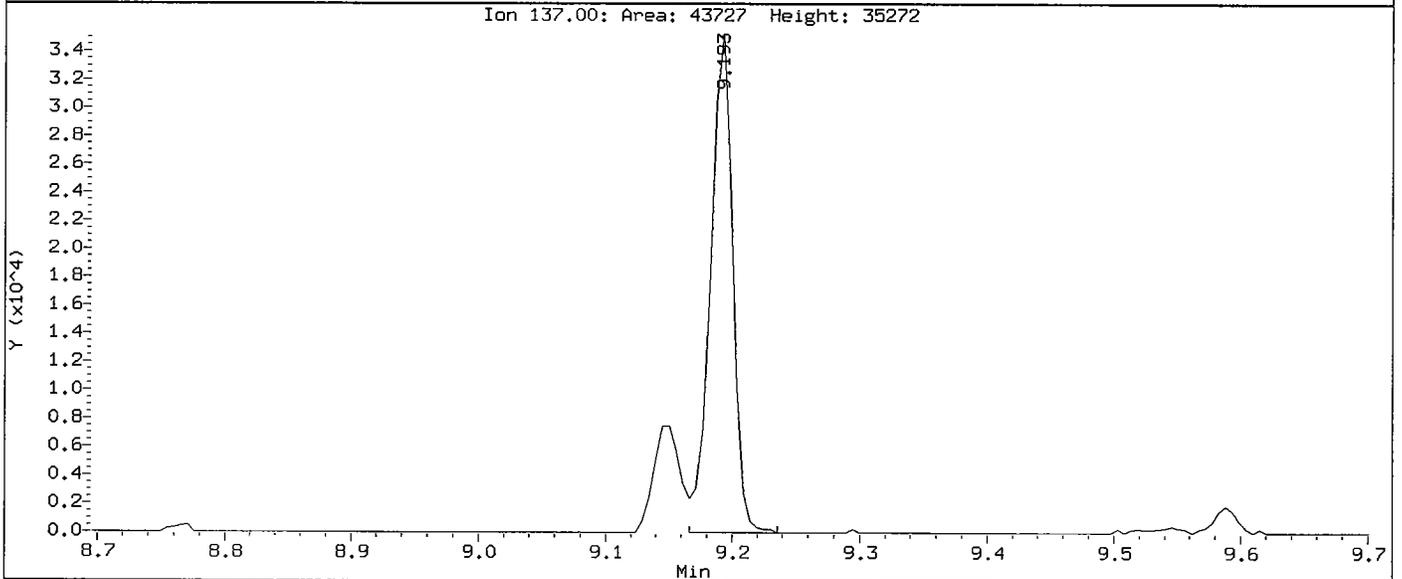
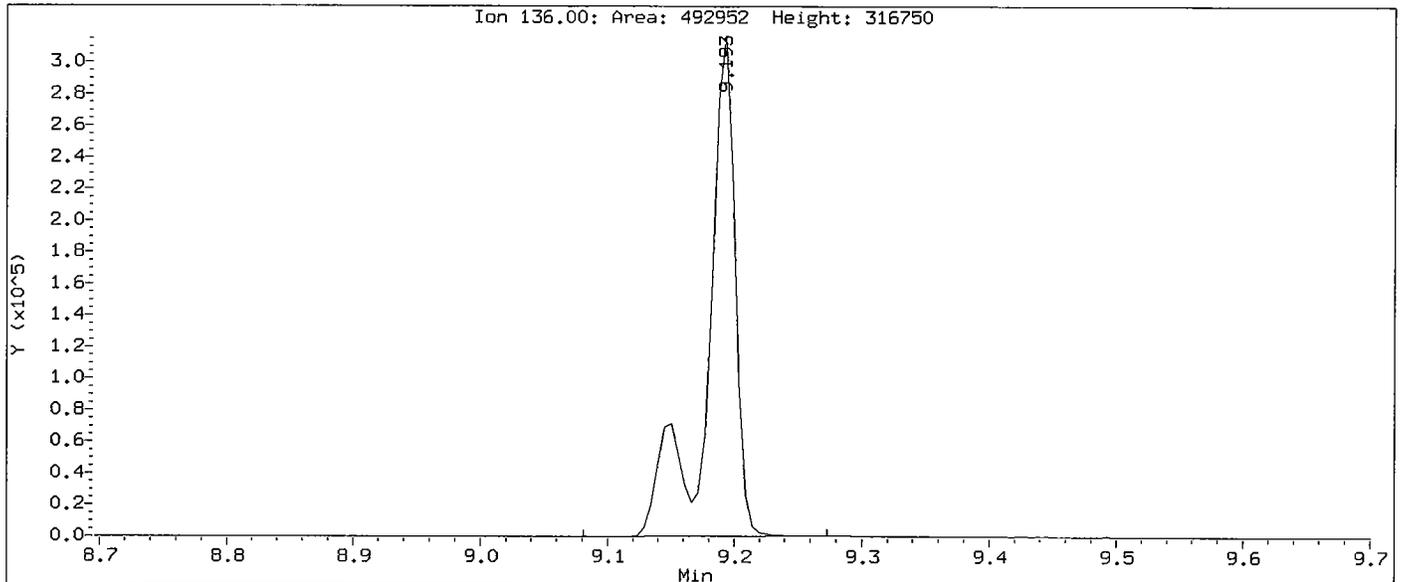
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Injection Date: 01-AUG-2005 18:24
Instrument: nt6.i
Client Sample ID: AN-RI-SEDC-04B MSD

Compound: 1,2,4-Trichlorobenzene
CAS Number: 120-82-1



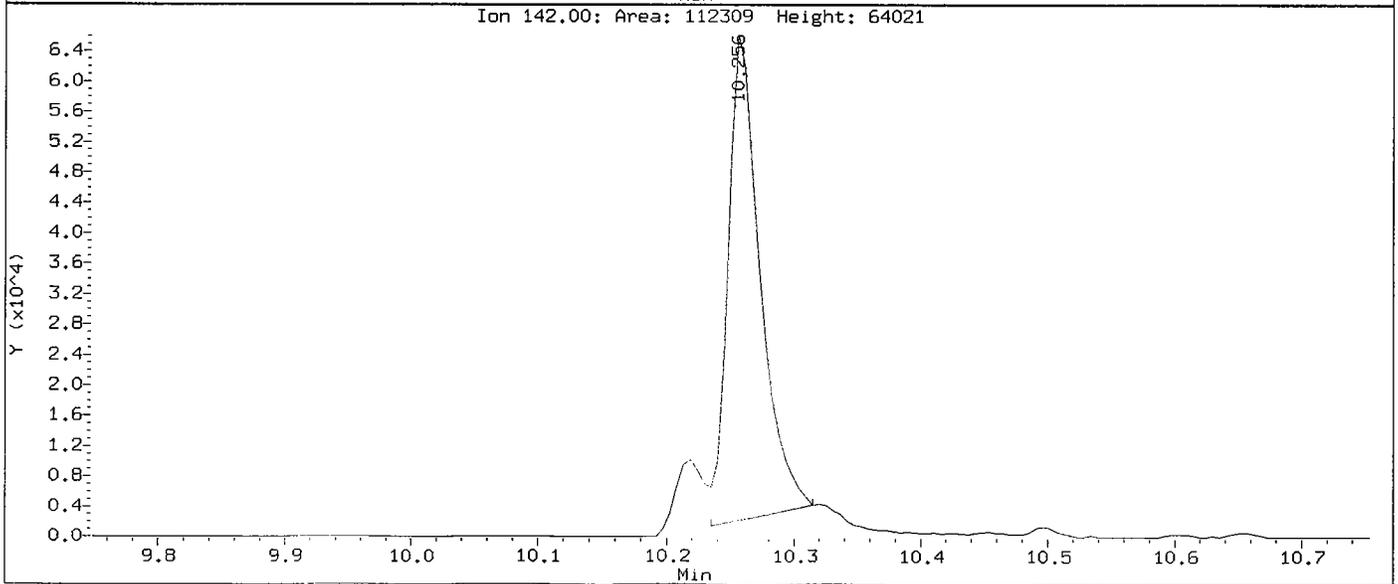
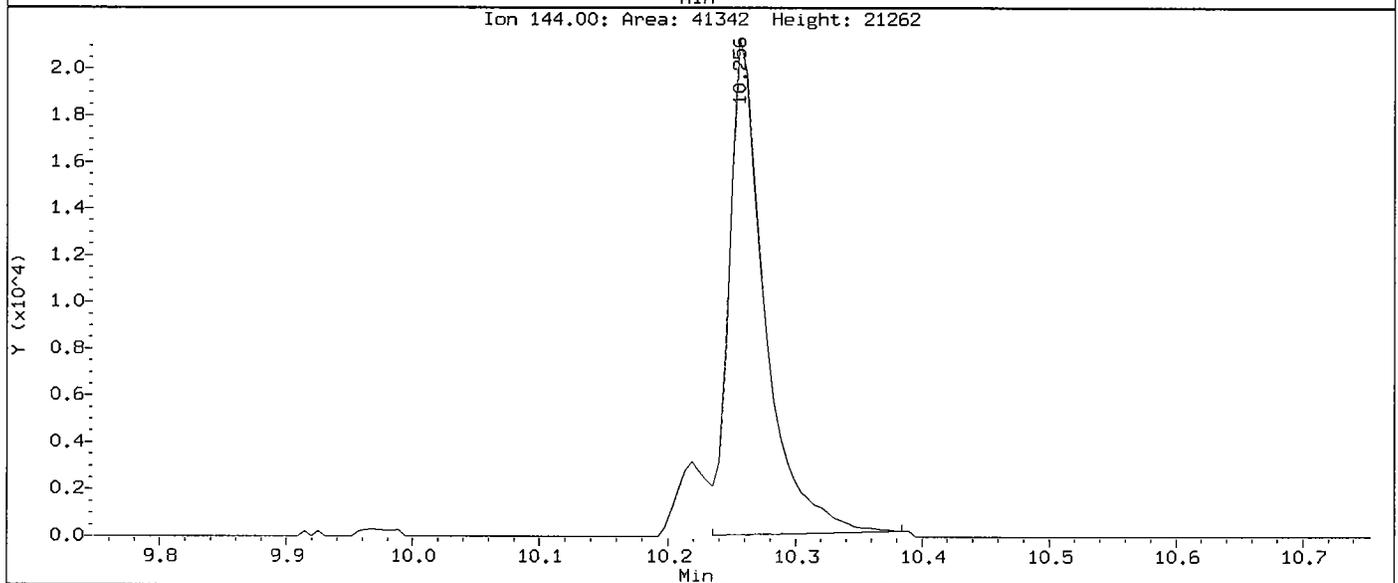
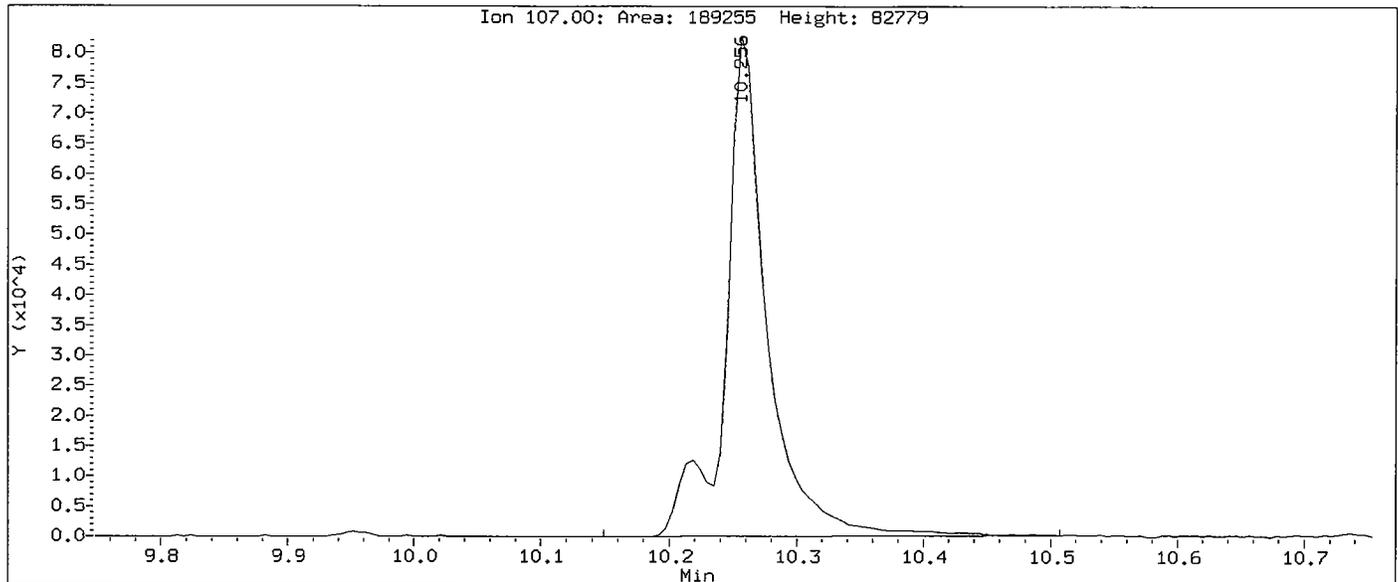
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Injection Date: 01-AUG-2005 18:24
Instrument: nt6.i
Client Sample ID: AN-RI-SEDC-04B MSD

Compound: Naphthalene-d8
CAS Number: 1146-65-2



Data File: /chem1/nt6.i/20050801.b/ih29hmd2.d
Injection Date: 01-AUG-2005 18:24
Instrument: nt6.i
Client Sample ID: AN-RI-SEDC-04B MSD

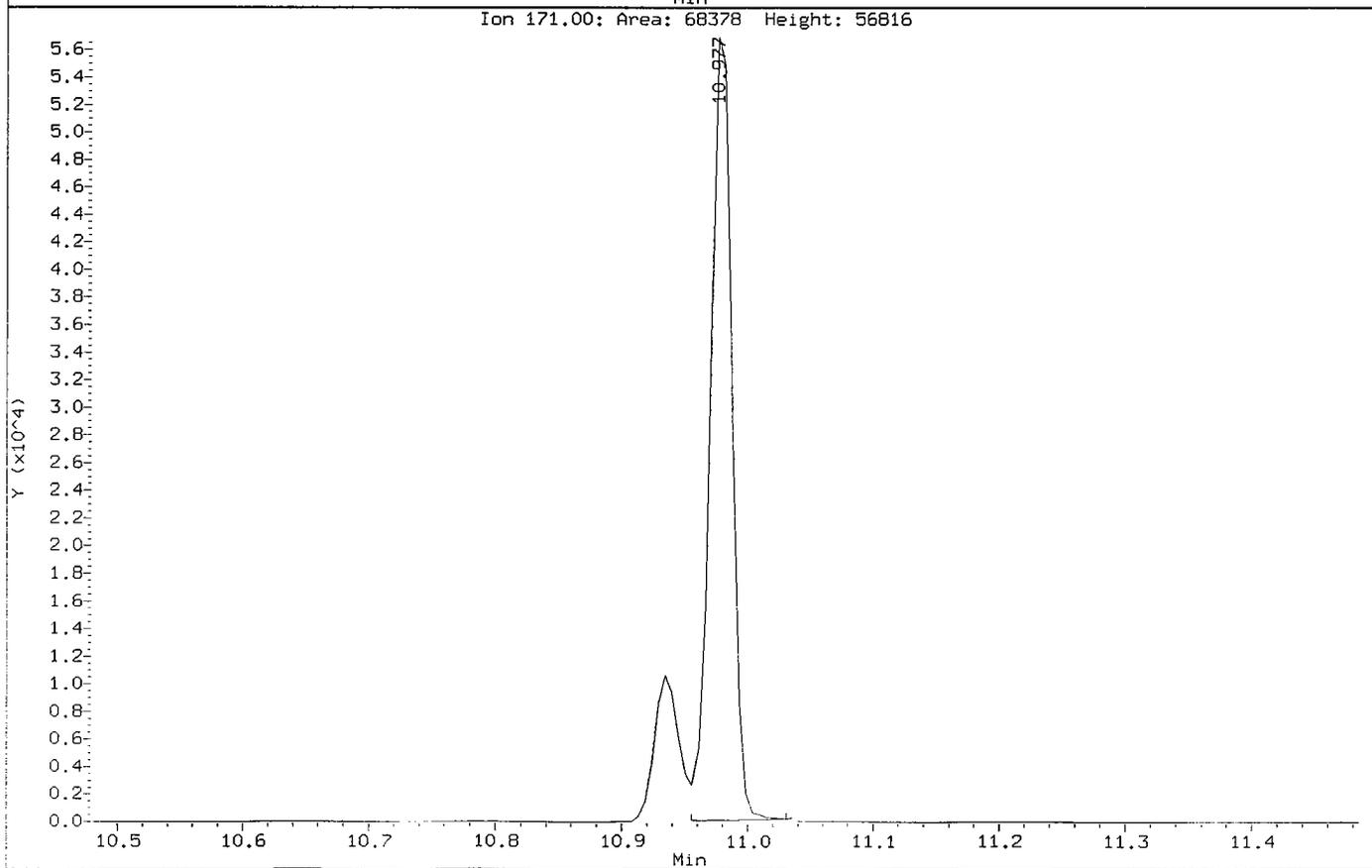
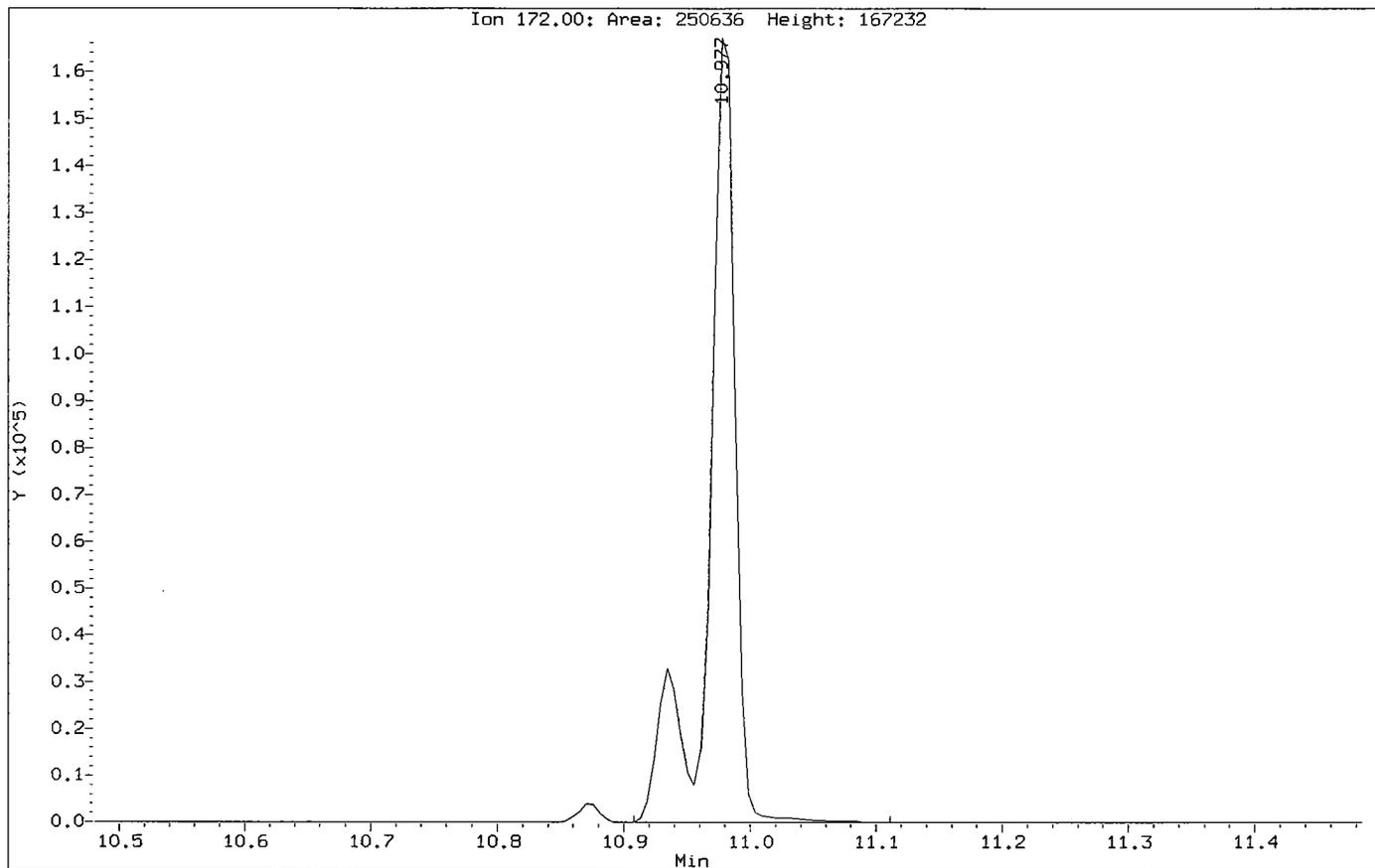
Compound: 4-Chloro-3-methylphenol
CAS Number: 59-50-7



000503

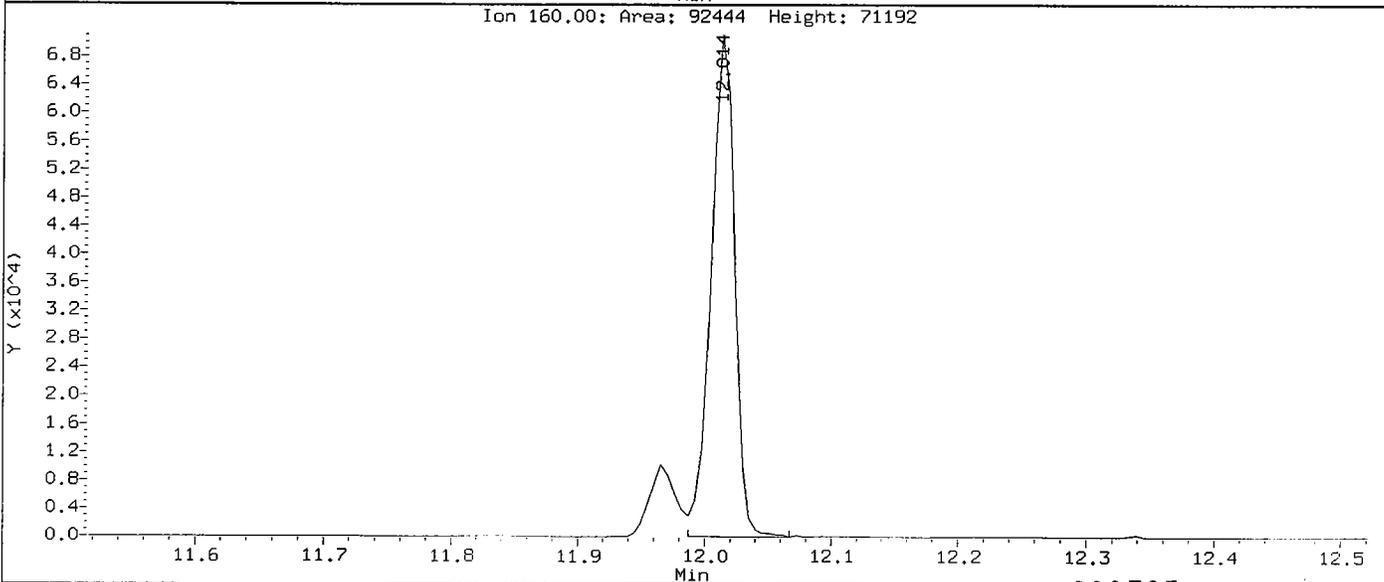
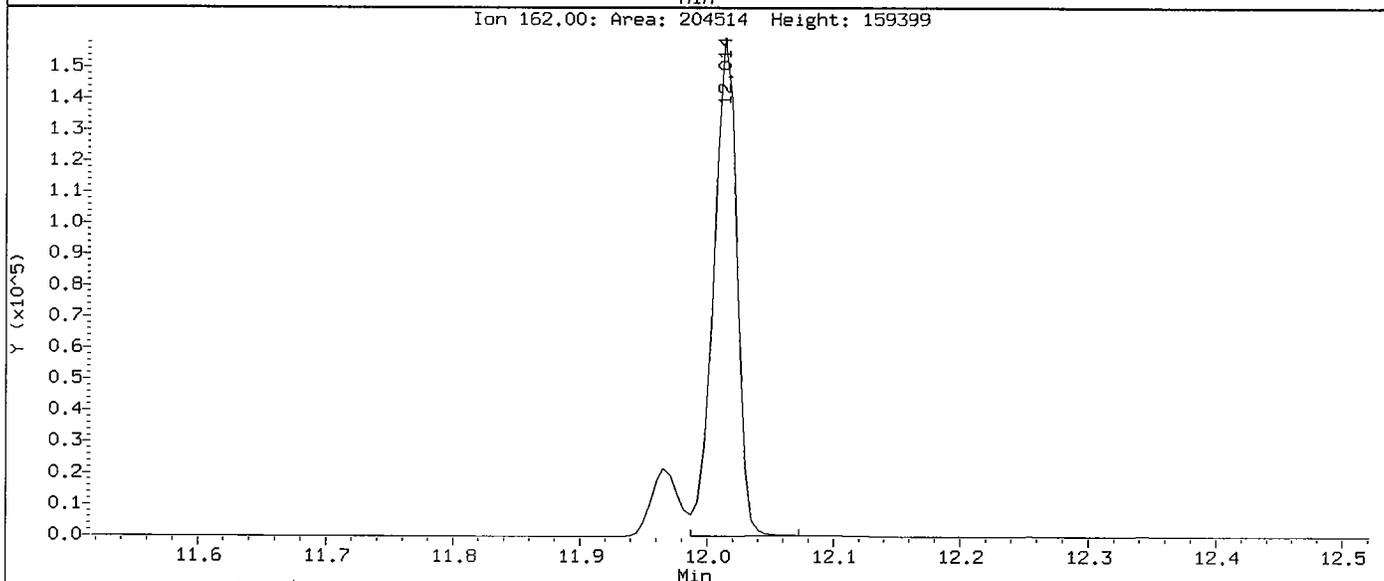
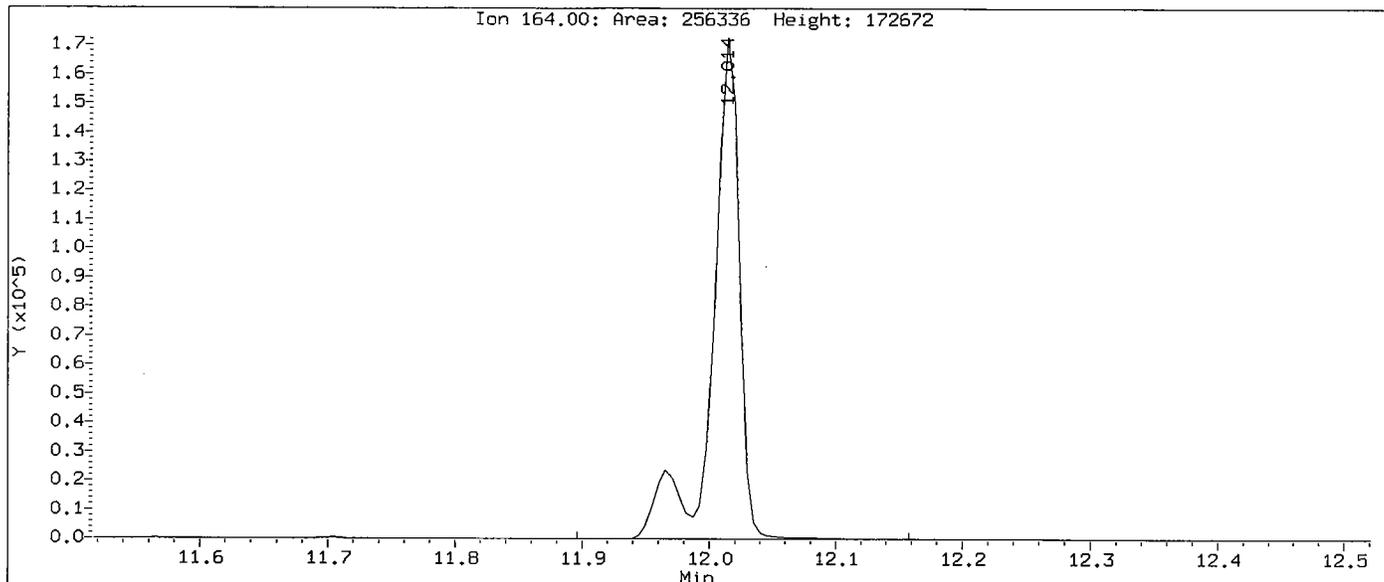
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Injection Date: 01-AUG-2005 18:24
Instrument: nt6.i
Client Sample ID: AN-RI-SEDC-04B MSD

Compound: 2-Fluorobiphenyl
CAS Number: 321-60-8



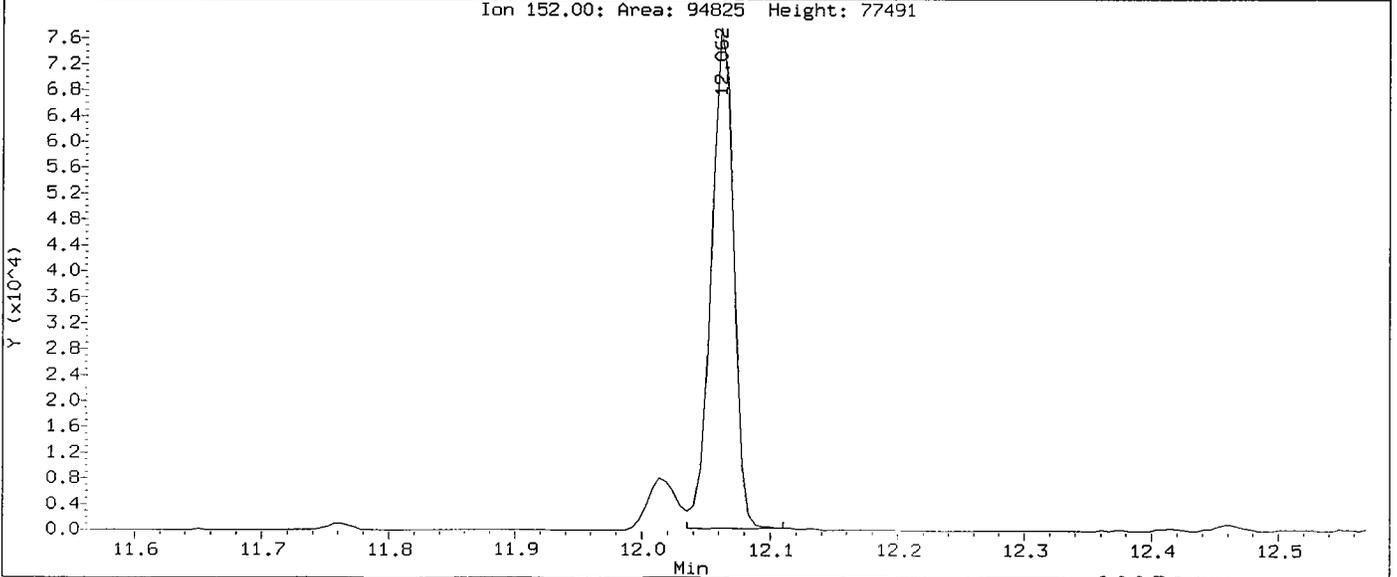
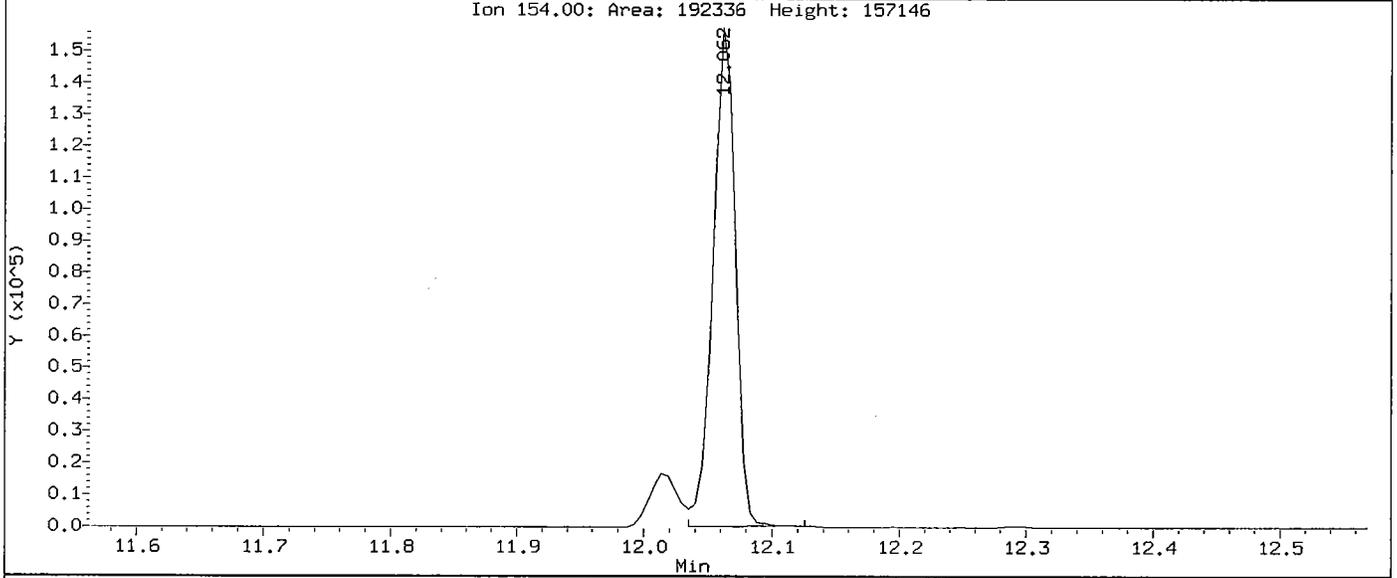
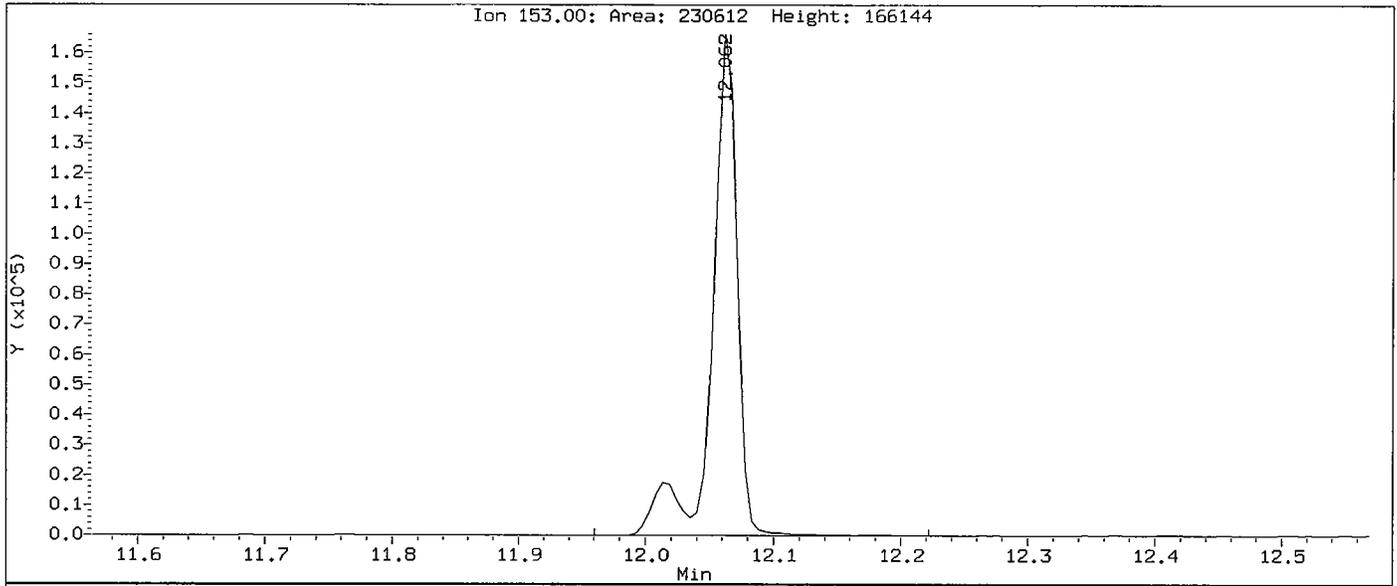
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Injection Date: 01-AUG-2005 18:24
Instrument: nt6.i
Client Sample ID: AN-RI-SEDC-04B MSD

Compound: Acenaphthene-d10
CAS Number:



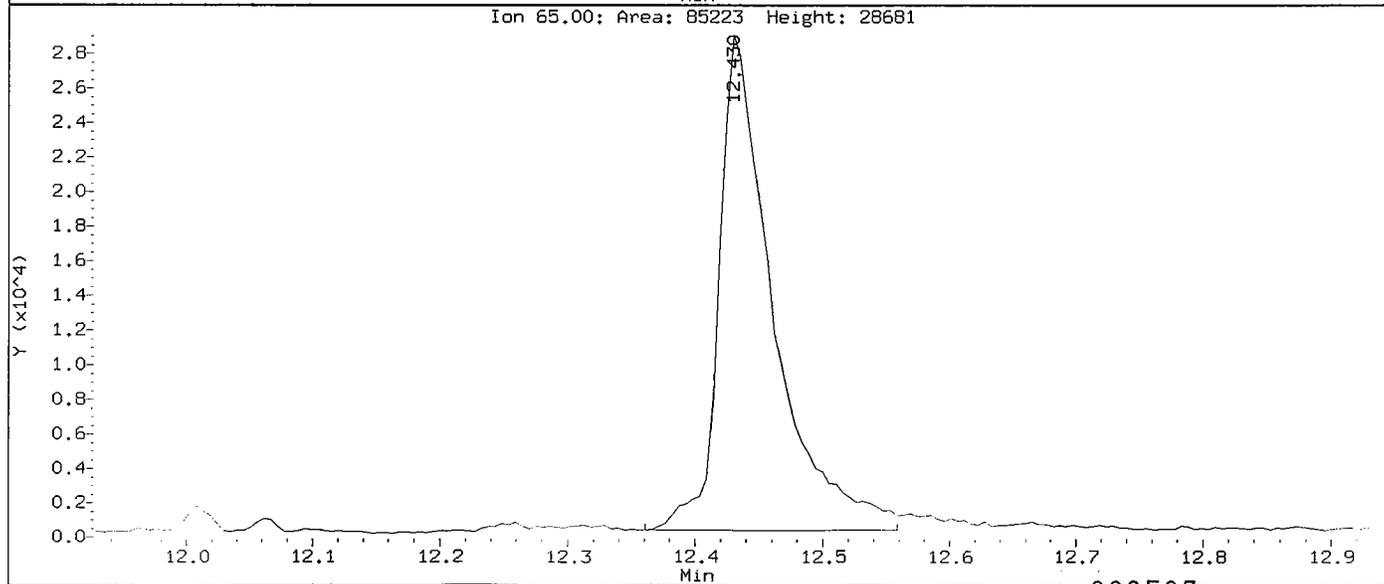
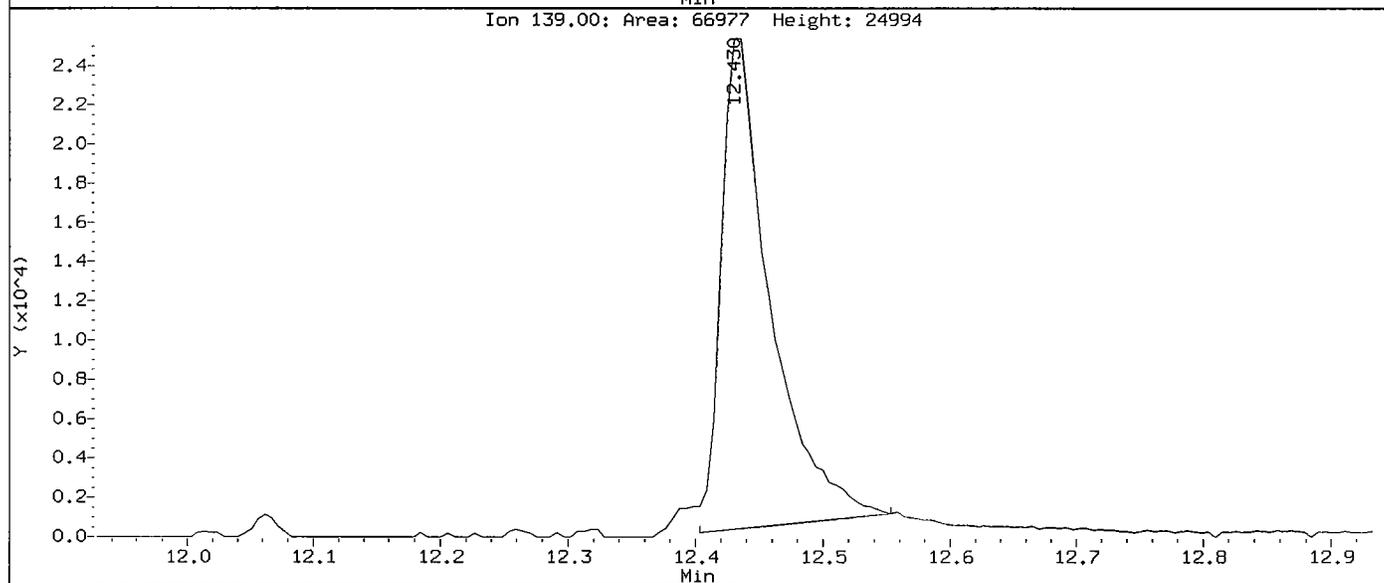
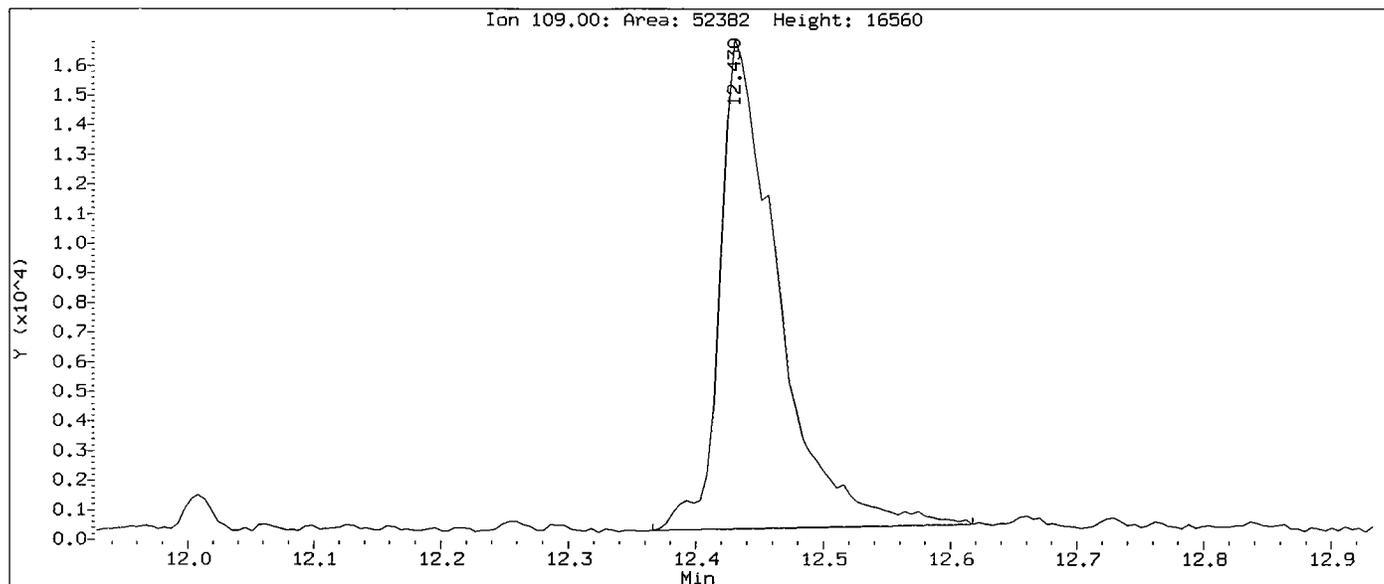
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Injection Date: 01-AUG-2005 18:24
Instrument: nt6.i
Client Sample ID: AN-RI-SEDC-04B MSD

Compound: Acenaphthene
CAS Number: 83-32-9



Data File: /chem1/nt6.i/20050801.b/ih29hmd2.d
Injection Date: 01-AUG-2005 18:24
Instrument: nt6.i
Client Sample ID: AN-RI-SEDC-04B MSD

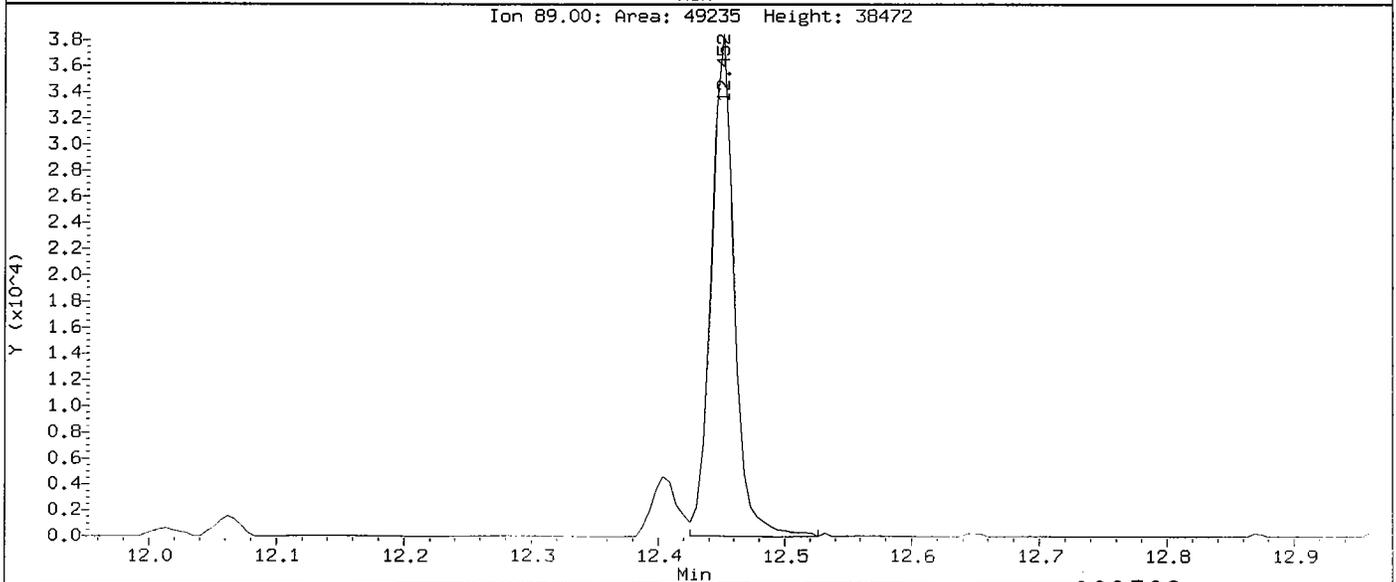
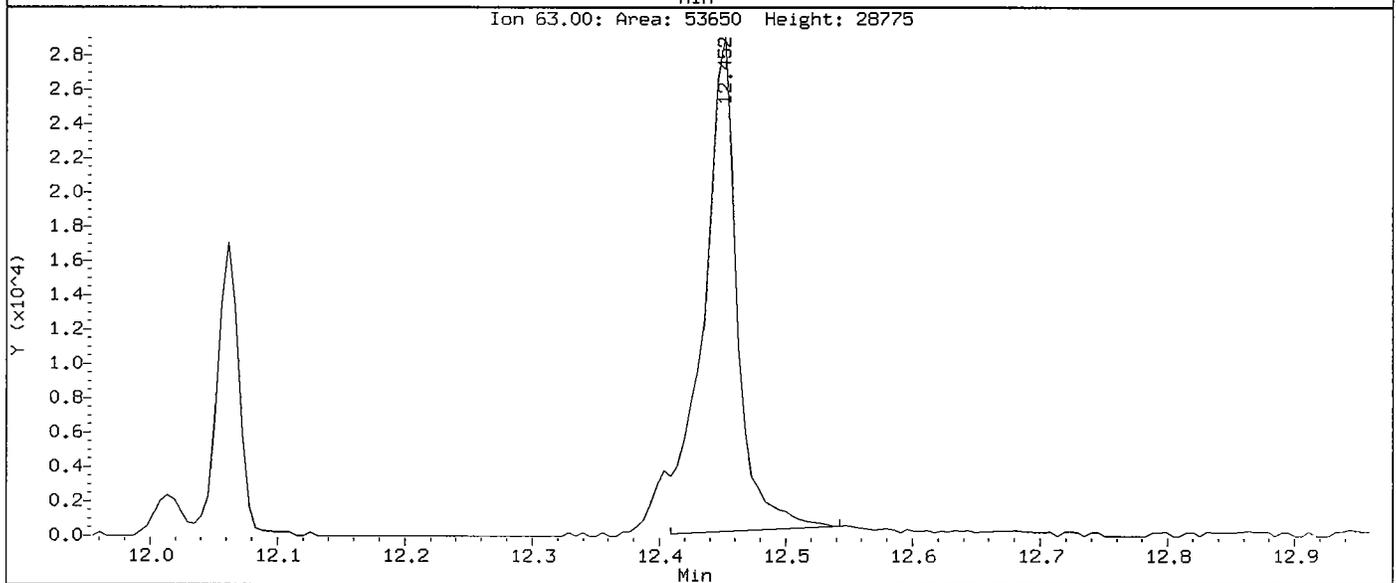
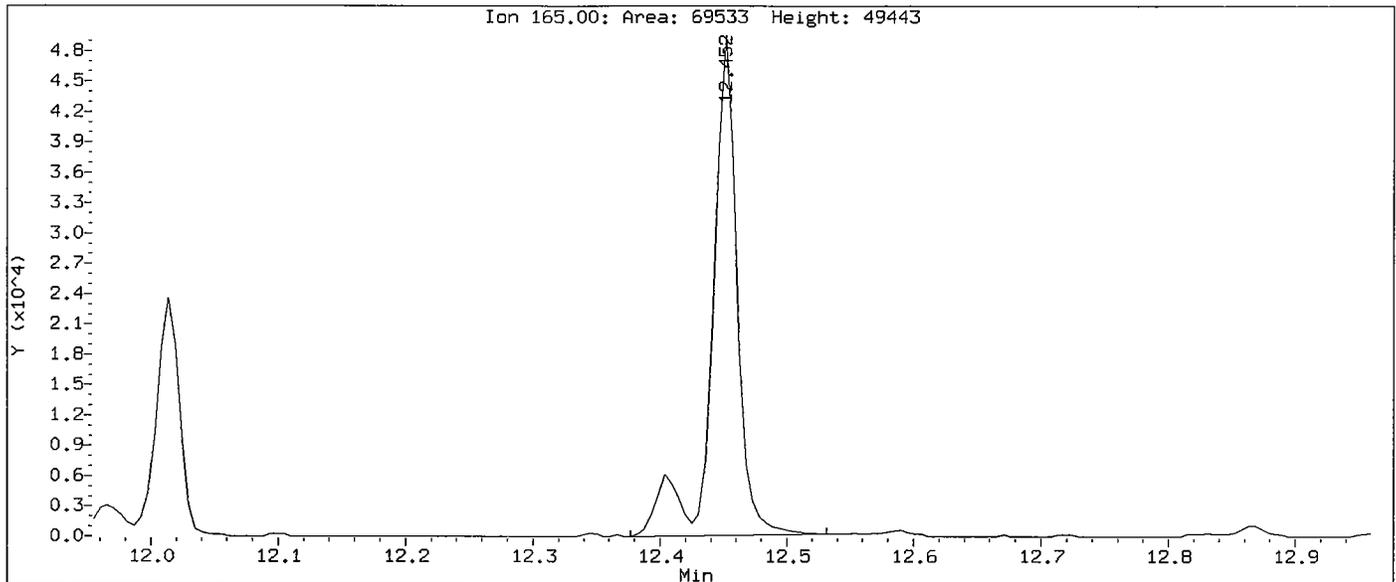
Compound: 4-Nitrophenol
CAS Number: 100-02-7



000507

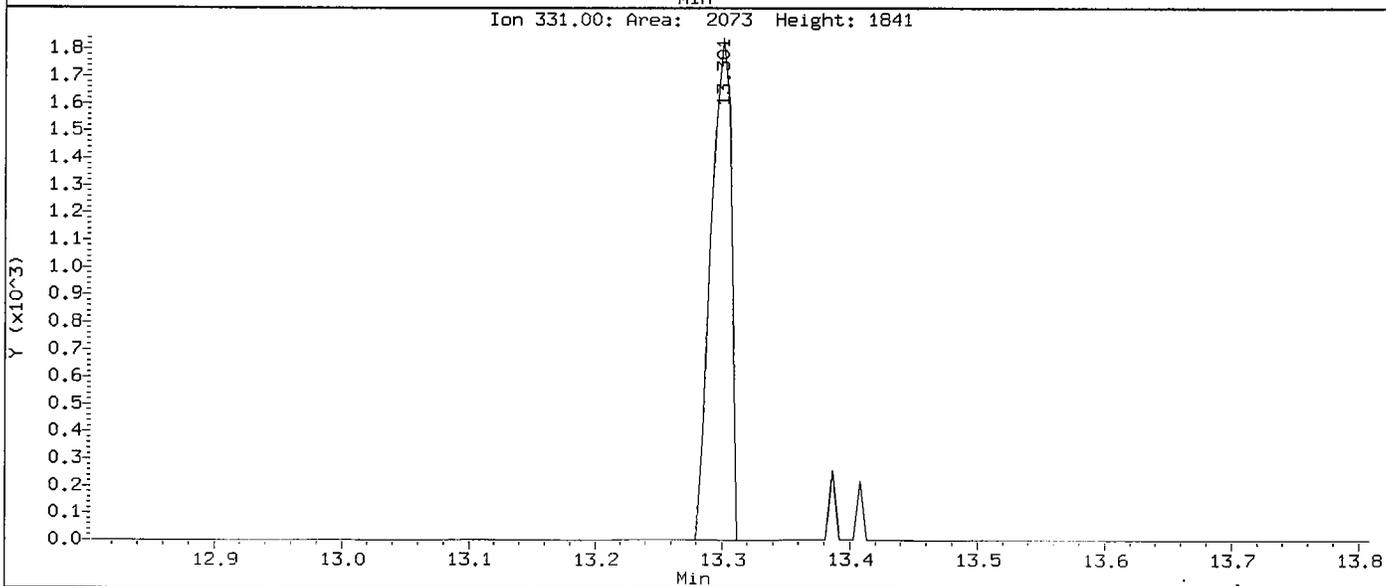
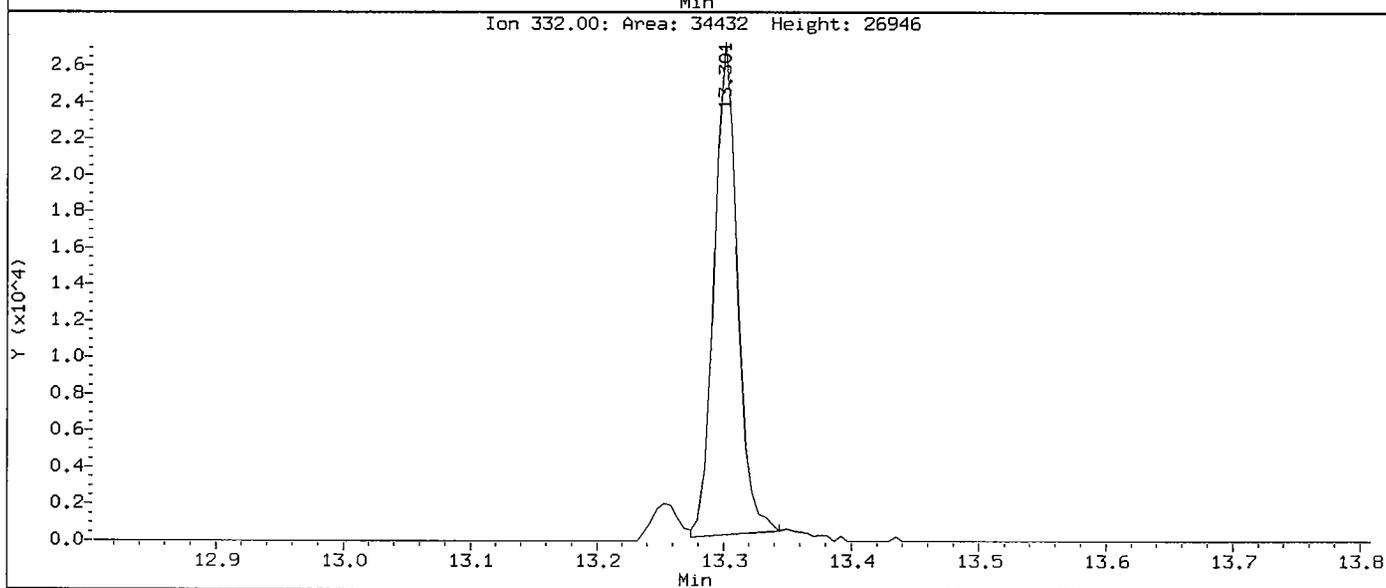
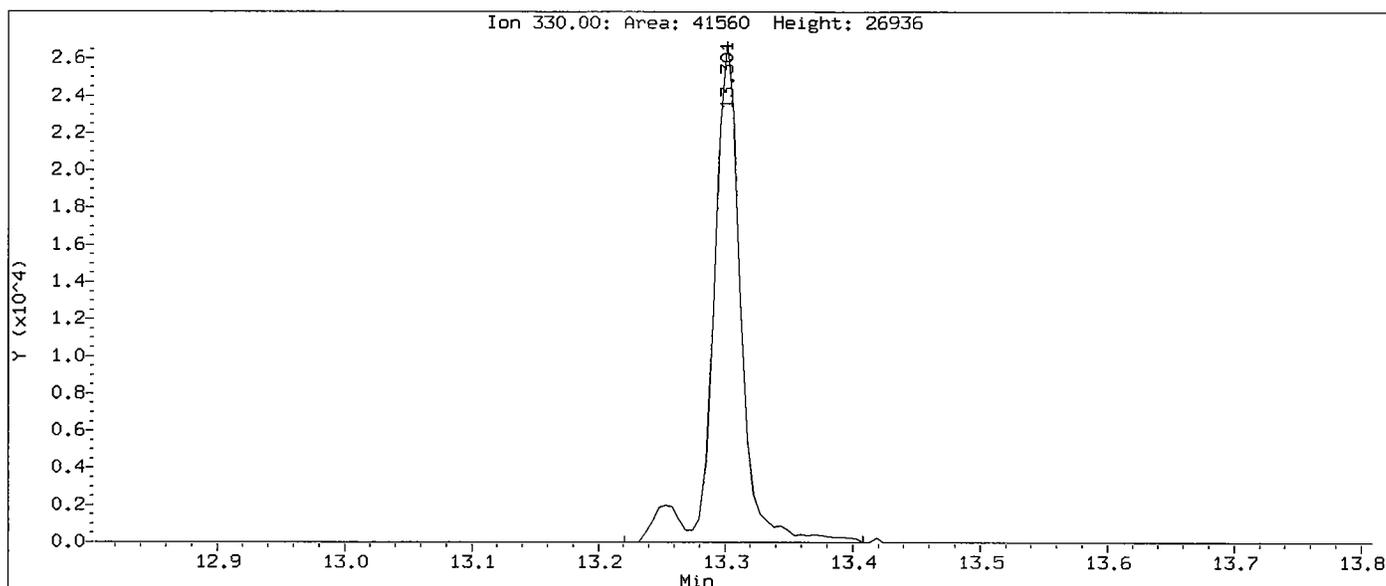
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Injection Date: 01-AUG-2005 18:24
Instrument: nt6.i
Client Sample ID: AN-RI-SEDC-04B MSD

Compound: 2,4-Dinitrotoluene
CAS Number: 121-14-2



Data File: /chem1/nt6.i/20050801.b/ih29hmd2.d
Injection Date: 01-AUG-2005 18:24
Instrument: nt6.i
Client Sample ID: AN-RI-SEDC-04B MSD

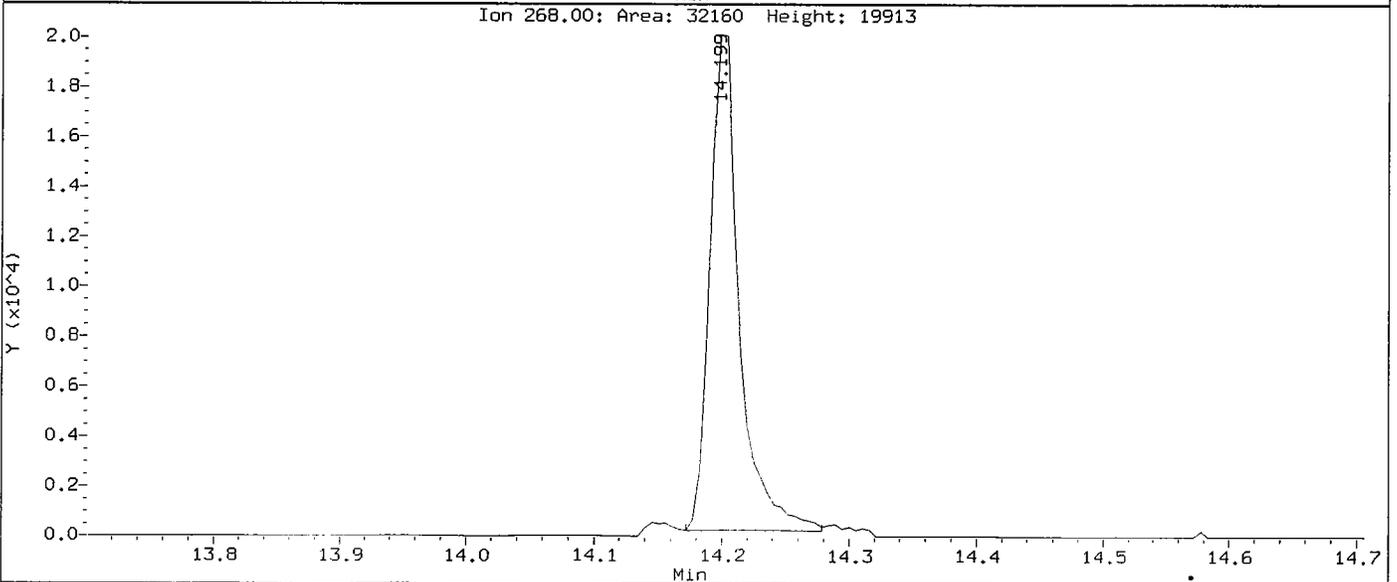
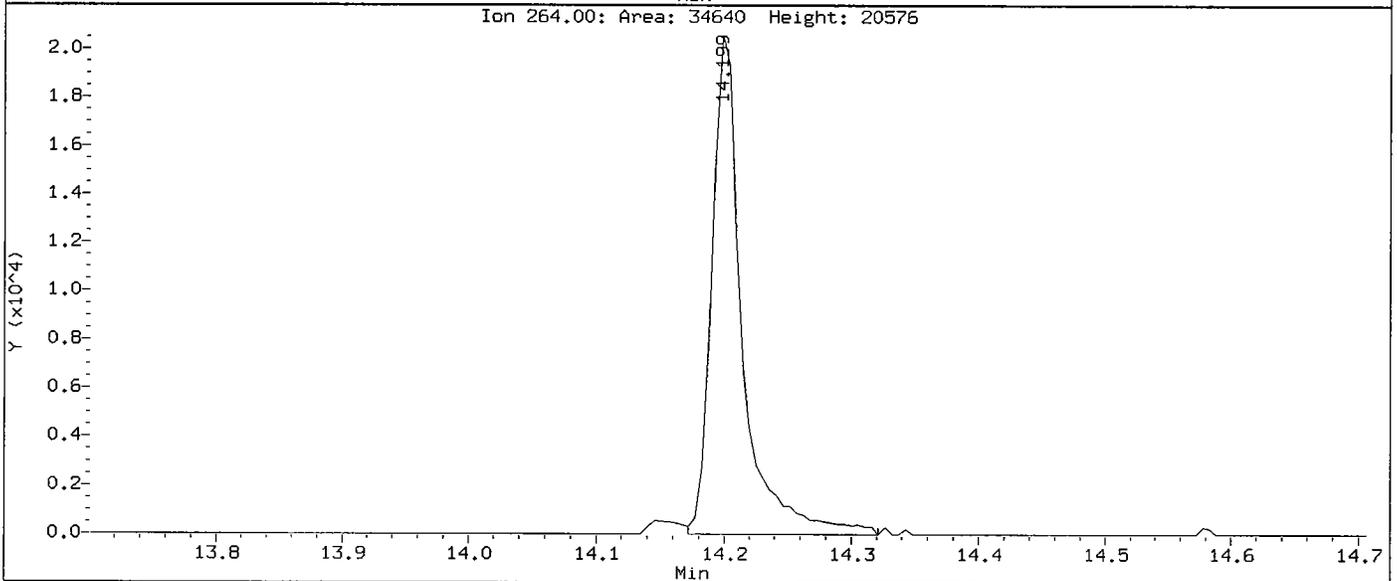
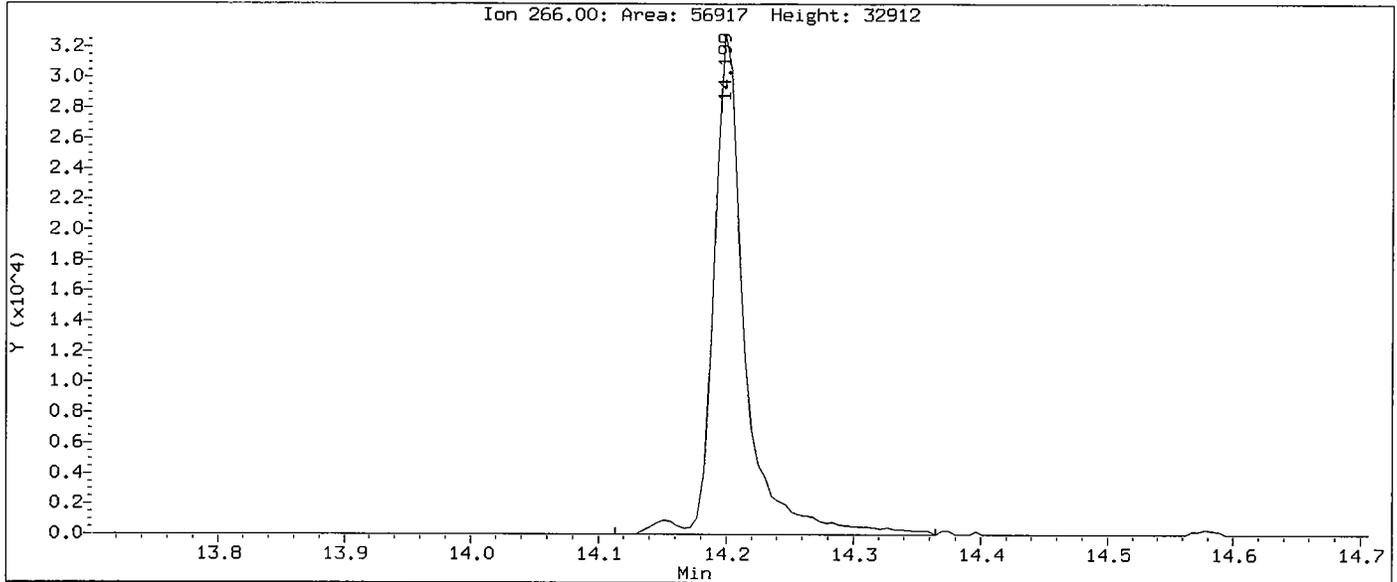
Compound: 2,4,6-Tribromophenol
CAS Number: 118-79-6



000509

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Instrument: nt6.i
Client Sample ID: AN-RI-SEDC-04B MSD

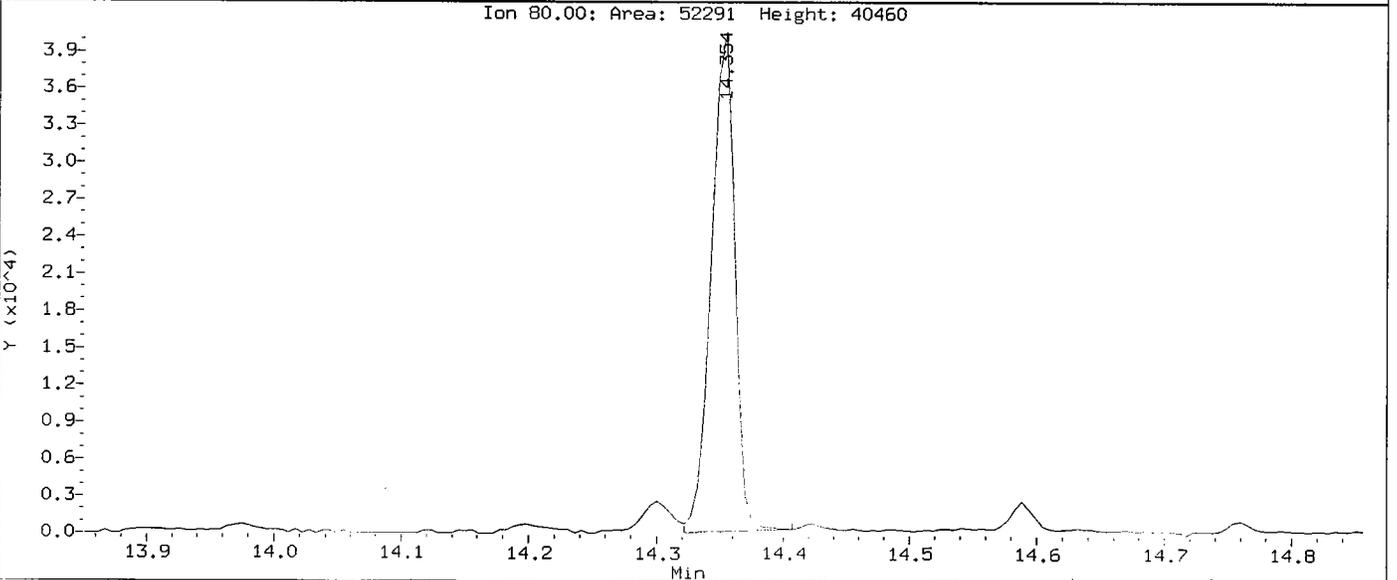
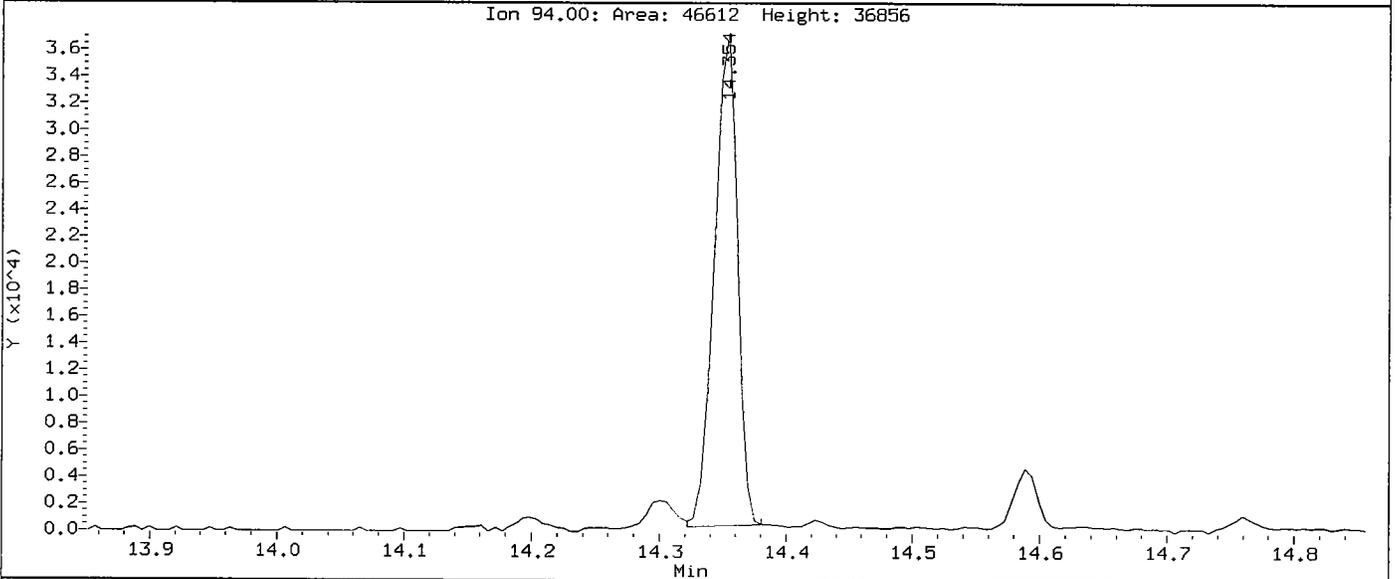
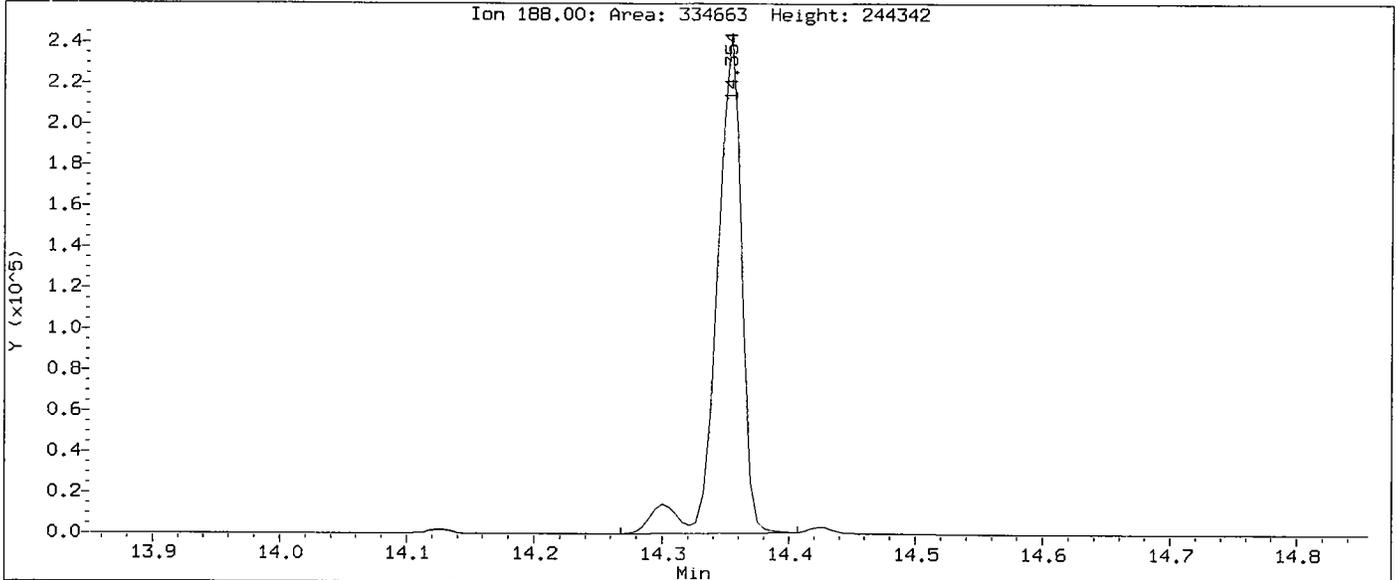
Compound: Pentachlorophenol
CAS Number: 87-86-5



000510

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Injection Date: 01-AUG-2005 18:24
Instrument: nt6.i
Client Sample ID: AN-RI-SEDC-04B MSD

Compound: Phenanthrene-d10
CAS Number:



ORGANICS ANALYSIS DATA SHEET

PSDDA Semivolatiles by SW8270D GC/MS

Page 1 of 1

Sample ID: SQ-1 072705

STANDARD REFERENCE

Lab Sample ID: SRM-072705

LIMS ID: 05-11910

Matrix: Sediment

Data Release Authorized:

Reported: 08/02/05

QC Report No: IH29-Anchor Environmental

Project: KC Former Scott Mill

00010501/T2

Date Sampled: NA

Date Received: NA

Date Extracted: 07/27/05

Date Analyzed: 07/29/05 17:27

Instrument/Analyst: NT6/LJR

GPC Cleanup: No

Sample Amount: 18.0 g-dry-wt

Final Extract Volume: 0.5 mL

Dilution Factor: 1.00

Percent Moisture: 40.2%

pH: NA

CAS Number	Analyte	RL	Result
108-95-2	Phenol	28	28
100-51-6	Benzyl Alcohol	28	< 28 U
95-48-7	2-Methylphenol	28	< 28 U
106-44-5	4-Methylphenol	28	27 J
67-72-1	Hexachloroethane	28	< 28 U
105-67-9	2,4-Dimethylphenol	28	< 28 U
65-85-0	Benzoic Acid	280	310
120-82-1	1,2,4-Trichlorobenzene	28	< 28 U
91-20-3	Naphthalene	28	53
87-68-3	Hexachlorobutadiene	28	< 28 U
91-57-6	2-Methylnaphthalene	28	84
131-11-3	Dimethylphthalate	28	< 28 U
208-96-8	Acenaphthylene	28	< 28 U
83-32-9	Acenaphthene	28	75
132-64-9	Dibenzofuran	28	< 28 U
84-66-2	Diethylphthalate	28	< 28 U
86-73-7	Fluorene	28	54
86-30-6	N-Nitrosodiphenylamine	28	< 28 U
87-86-5	Pentachlorophenol	140	460
85-01-8	Phenanthrene	28	140
120-12-7	Anthracene	28	63
84-74-2	Di-n-Butylphthalate	28	< 28 U
206-44-0	Fluoranthene	28	110
129-00-0	Pyrene	28	110
85-68-7	Butylbenzylphthalate	28	< 28 U
56-55-3	Benzo (a) anthracene	28	94
117-81-7	bis (2-Ethylhexyl) phthalate	28	72
218-01-9	Chrysene	28	100
117-84-0	Di-n-Octyl phthalate	28	< 28 U
205-99-2	Benzo (b) fluoranthene	28	110
207-08-9	Benzo (k) fluoranthene	28	< 28 U
50-32-8	Benzo (a) pyrene	28	100
193-39-5	Indeno (1,2,3-cd) pyrene	28	21 J
53-70-3	Dibenz (a,h) anthracene	28	100
191-24-2	Benzo (g,h,i) perylene	28	100

Reported in $\mu\text{g}/\text{kg}$ (ppb)

Semivolatile Surrogate Recovery

d5-Nitrobenzene	62.8%	2-Fluorobiphenyl	66.4%
d14-p-Terphenyl	71.2%	d4-1,2-Dichlorobenzene	61.2%
d5-Phenol	65.3%	2-Fluorophenol	48.8%
2,4,6-Tribromophenol	79.2%	d4-2-Chlorophenol	66.9%

Analytical Resources, Inc.

Semivolatile Report SW846 Method 8270C
 Data file : /chem1/nt6.i/20050729.b/ih29srm.d
 Lab Smp Id: IH29SRM Client Smp ID: SQ-1
 Inj Date : 29-JUL-2005 17:27
 Operator : LJR/VS Inst ID: nt6.i
 Smp Info : IH29SRM
 Misc Info : 05-11910
 Comment : 1ul Injection
 Method : /chem1/nt6.i/20050729.b/SW846.m
 Meth Date : 02-Aug-2005 11:33 jeff Quant Type: ISTD
 Cal Date : 18-JUL-2005 15:41 Cal File: 0800718.d
 Als bottle: 3 QC Sample: SRM
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: PSDDA.sub
 Target Version: 3.50

LJR

Concentration Formula: Amt * DF * Vt / (Ws * (100 - M) / 100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	500.00000	Volume of final extract (uL)
Ws	30.00000	Weight of sample extracted (g)
M	40.20000	% Moisture

Cpnd Variable

Local Compound Variable

Compounds	QUANT SIG	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
						ON-COLUMN (ug/mL)	FINAL (ug/kg)
\$ 1 2-Fluorophenol	112	5.401	5.363	(0.744)	173458	18.2567	508.8
\$ 2 Phenol-d5	99	6.924	6.917	(0.954)	270637	24.5087	683.1 (M)
3 Phenol	94	6.945	6.938	(0.957)	12695	1.01569	28.31 (M)
\$ 5 2-Chlorophenol-d4	132	6.983	6.981	(0.962)	219626	25.0804	699.0 (M)
4 Bis(2-Chloroethyl) ether	93	Compound Not Detected.					
6 2-Chlorophenol	128	Compound Not Detected.					
7 1,3-Dichlorobenzene	146	7.191	7.195	(0.991)	7474	0.73983	20.62 (M)
* 8 1,4-Dichlorobenzene-d4	152	7.255	7.259	(1.000)	134524	20.0080	(M)
9 1,4-Dichlorobenzene	146	Compound Not Detected.					
\$ 10 1,2-Dichlorobenzene-d4	152	7.554	7.553	(1.041)	87244	15.2931	426.2 (M)
12 1,2-Dichlorobenzene	146	Compound Not Detected.					
11 Benzyl alcohol	108	Compound Not Detected.					
14 2,2'-oxybis(1-Chloropropane)	45	Compound Not Detected.					
13 2-Methylphenol	108	Compound Not Detected.					
17 Hexachloroethane	117	Compound Not Detected.					

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
						ON-COLUMN (ug/mL)	FINAL (ug/kg)
=====	=====	==	=====	=====	=====	=====	=====
16 N-Nitroso-di-n-propylamine	70				Compound Not Detected.		
15 4-Methylphenol	108	8.089	8.082	(1.115)	8174	0.97104 J	27.06 (M)
§ 18 Nitrobenzene-d5	82	8.201	8.205	(0.884)	173071	15.6899	437.3 (M)
19 Nitrobenzene	77				Compound Not Detected.		
20 Isophorone	82	8.612	8.616	(0.928)	41875	2.14953	59.91 (M)
21 2-Nitrophenol	139				Compound Not Detected.		
22 2,4-Dimethylphenol	107				Compound Not Detected.		
23 Bis(2-Chloroethoxy)methane	93				Compound Not Detected.		
24 Benzoic acid	105	9.152	9.188	(0.986)	65351	11.0462	307.9 (M)
25 2,4-Dichlorophenol	162				Compound Not Detected.		
26 1,2,4-Trichlorobenzene	180				Compound Not Detected.		
* 27 Naphthalene-d8	136	9.280	9.284	(1.000)	478866	20.0000	(M)
28 Naphthalene	128	9.312	9.316	(1.003)	51828	1.89495	52.81 (M)
29 4-Chloroaniline	127				Compound Not Detected.		
30 Hexachlorobutadiene	225				Compound Not Detected.		
31 4-Chloro-3-methylphenol	107				Compound Not Detected.		
32 2-Methylnaphthalene	141	10.412	10.416	(1.122)	41727	3.00433	83.73 (M)
33 Hexachlorocyclopentadiene	237				Compound Not Detected.		
34 2,4,6-Trichlorophenol	196				Compound Not Detected.		
35 2,4,5-Trichlorophenol	196				Compound Not Detected.		
§ 36 2-Fluorobiphenyl	172	11.064	11.068	(0.914)	289822	16.5616	461.6 (M)
37 2-Chloronaphthalene	162				Compound Not Detected.		
38 2-Nitroaniline	65				Compound Not Detected.		
39 Dimethylphthalate	163				Compound Not Detected.		
40 Acenaphthylene	152				Compound Not Detected.		
41 2,4-Dinitrotoluene	165				Compound Not Detected.		
* 42 Acenaphthene-d10	164	12.106	12.104	(1.000)	260882	20.0000	(M)
43 3-Nitroaniline	138				Compound Not Detected.		
44 Acenaphthene	153	12.149	12.152	(1.004)	42413	2.70160	75.30 (M)
45 2,4-Dinitrophenol	184				Compound Not Detected.		
46 Dibenzofuran	168				Compound Not Detected.		
47 4-Nitrophenol	109				Compound Not Detected.		
48 2,4-Dinitrotoluene	165				Compound Not Detected.		
50 Diethylphthalate	149				Compound Not Detected.		
49 Fluorene	166	12.955	12.959	(1.070)	44717	1.93712	53.99 (M)
51 4-Chlorophenyl-phenylether	204	12.993	12.996	(1.073)	28836	3.79464	105.8 (M)
52 4-Nitroaniline	138				Compound Not Detected.		
53 4,6-Dinitro-2-methylphenol	198				Compound Not Detected.		
54 N-Nitrosodiphenylamine	169				Compound Not Detected.		
§ 55 2,4,6-Tribromophenol	330	13.393	13.392	(1.106)	52181	29.7380	828.8 (M)
56 4-Bromophenyl-phenylether	248	13.767	13.766	(0.953)	33730	8.71967	243.0 (M)
57 Hexachlorobenzene	284				Compound Not Detected.		
58 Pentachlorophenol	266	14.291	14.289	(0.989)	33139	16.6265	463.4 (M)
* 59 Phenanthrene-d10	188	14.446	14.444	(1.000)	349985	20.0000	(M)
60 Phenanthrene	178	14.478	14.482	(1.002)	106027	5.10316	142.2 (M)
61 Anthracene	178	14.547	14.551	(1.007)	49183	2.27085	63.28
62 Carbazole	167				Compound Not Detected.		

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
						ON-COLUMN (ug/mL)	FINAL (ug/kg)
63 Di-n-butylphthalate	149	Compound Not Detected.					
64 Fluoranthene	202	16.428	16.389	(1.137)	84150	3.99673	111.4
65 Pyrene	202	16.748	16.741	(0.895)	84421	3.92083	109.3
\$ 66 Terphenyl-d14	244	17.079	17.073	(0.913)	237767	17.8014	496.1 (M)
67 Butylbenzylphthalate	149	Compound Not Detected.					
68 Benzo(a)anthracene	228	18.682	18.680	(0.999)	62981	3.35894	93.62
* 69 Chrysene-d12	240	18.709	18.707	(1.000)	248396	20.0000	
70 3,3'-Dichlorobenzidine	252	Compound Not Detected.					
71 Chrysene	228	18.746	18.750	(1.002)	65381	3.60036	100.3
72 bis(2-Ethylhexyl)phthalate	149	18.944	18.942	(0.953)	35207	2.56997	71.63 (M)
* 134 Di-n-octylphthalate-d4	153	19.868	19.866	(1.000)	469002	20.0000	
73 Di-n-octylphthalate	149	Compound Not Detected.					
74 Benzo(b)fluoranthene	252	20.311	20.321	(0.974)	80993	3.85274	107.4
75 Benzo(k)fluoranthene	252	Compound Not Detected.					
76 Benzo(a)pyrene	252	20.755	20.764	(0.995)	66670	3.60532	100.5
* 77 Perylene-d12	264	20.851	20.844	(1.000)	302186	20.0000	
78 Indeno(1,2,3-cd)pyrene	276	22.224	22.206	(1.066)	14769	0.77467	21.59
79 Dibenzo(a,h)anthracene	278	22.224	22.233	(1.066)	56362	3.64359	101.5
80 Benzo(g,h,i)perylene	276	22.534	22.548	(1.081)	63179	3.66073	102.0

QC Flag Legend

M - Compound response manually integrated.

Analytical Resources, Inc.
 INTERNAL STANDARD COMPOUNDS
 AREA AND RT SUMMARY

Instrument ID: nt6.i
 Lab File ID: ih29srm.d
 Lab Smp Id: IH29SRM
 Analysis Type: SV
 Quant Type: ISTD
 Operator: LJR/VS
 Method File: /chem1/nt6.i/20050729.b/SW846.m
 Misc Info: 05-11910

Calibration Date: 29-JUL-2005
 Calibration Time: 15:44
 Client Smp ID: SQ-1
 Level: LOW
 Sample Type: Sediment

COMPOUND	STANDARD	AREA LIMIT		SAMPLE	%DIFF
		LOWER	UPPER		
8 1,4-Dichlorobenze	108502	54251	217004	134524	23.98
27 Naphthalene-d8	392657	196328	785314	478866	21.96
42 Acenaphthene-d10	220694	110347	441388	260882	18.21
59 Phenanthrene-d10	307459	153730	614918	349985	13.83
69 Chrysene-d12	220907	110454	441814	248396	12.44
134 Di-n-octylphthala	371940	185970	743880	469002	26.10
77 Perylene-d12	239558	119779	479116	302186	26.14

COMPOUND	STANDARD	RT LIMIT		SAMPLE	%DIFF
		LOWER	UPPER		
8 1,4-Dichlorobenze	7.26	6.76	7.76	7.26	-0.05
27 Naphthalene-d8	9.28	8.78	9.78	9.28	-0.04
42 Acenaphthene-d10	12.10	11.60	12.60	12.11	0.01
59 Phenanthrene-d10	14.44	13.94	14.94	14.45	0.01
69 Chrysene-d12	18.71	18.21	19.21	18.71	0.01
134 Di-n-octylphthala	19.87	19.37	20.37	19.87	0.01
77 Perylene-d12	20.84	20.34	21.34	20.85	0.03

AREA UPPER LIMIT = +100% of internal standard area.
 AREA LOWER LIMIT = - 50% of internal standard area.
 RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
 RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

Analytical Resources, Inc.

RECOVERY REPORT

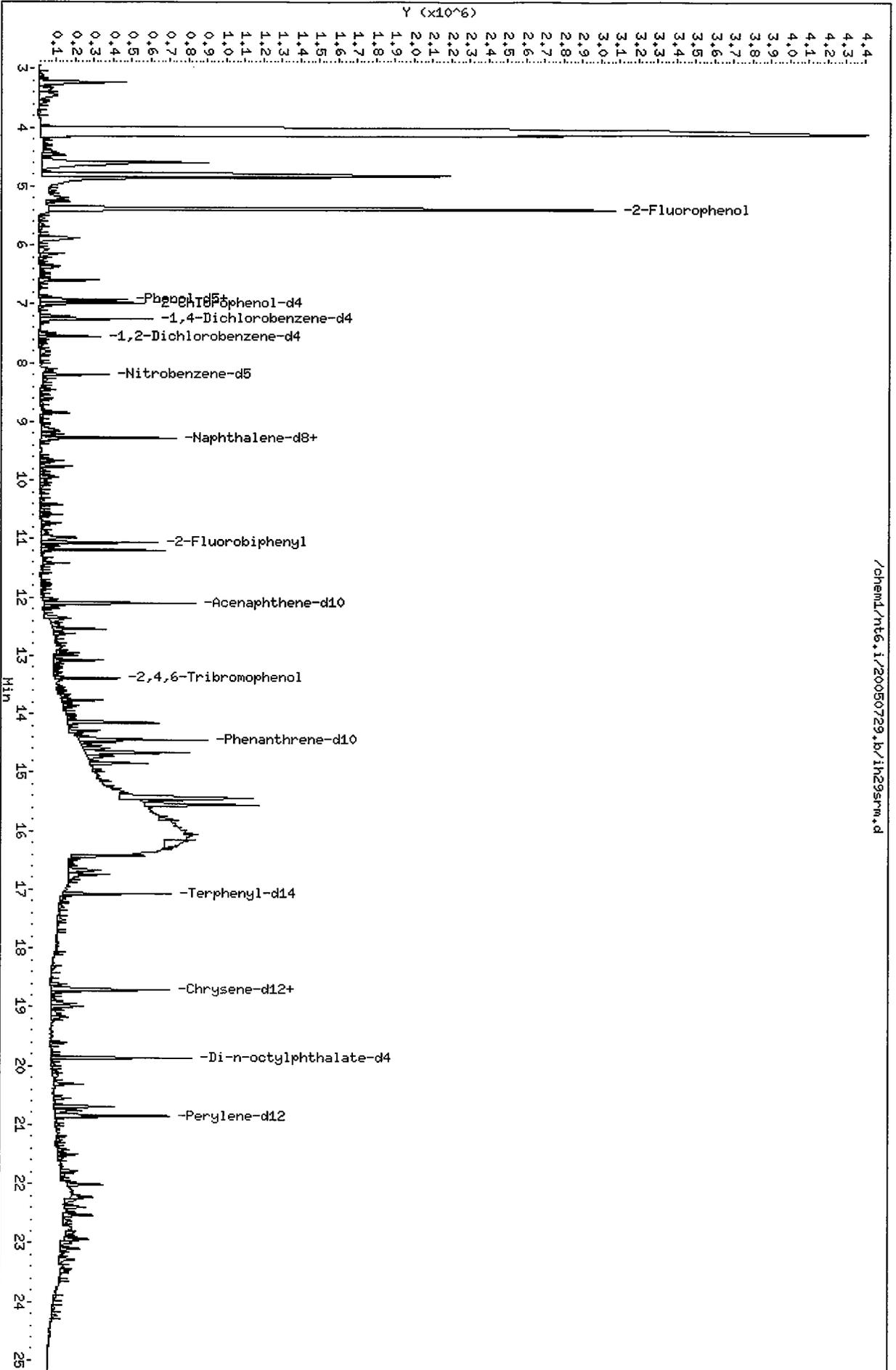
Client Name: ANCHOR
 Sample Matrix: SOLID
 Lab Smp Id: IH29SRM
 Level: LOW
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 SpikeList File: SONICMS.spk
 Sublist File: PSDDA.sub
 Method File: /chem1/nt6.i/20050729.b/SW846.m
 Misc Info: 05-11910

Client SDG: IH29
 Fraction: SV
 Client Smp ID: SQ-1
 Operator: LJR/VS
 SampleType: SRM
 Quant Type: ISTD

SURROGATE COMPOUND	CONC ADDED ug/kg	CONC RECOVERED ug/kg	% RECOVERED	LIMITS
\$ 1 2-Fluorophenol	1045	508.8	48.68	24-112
\$ 2 Phenol-d5	1045	683.1	65.36	29-109
\$ 5 2-Chlorophenol-d4	1045	699.0	66.88	34-101
\$ 10 1,2-Dichlorobenzen	696.8	426.2	61.17	30-84
\$ 18 Nitrobenzene-d5	696.8	437.3	62.76	28-103
\$ 36 2-Fluorobiphenyl	696.8	461.6	66.25	33-104
\$ 55 2,4,6-Tribromophen	1045	828.8	79.30	27-134
\$ 66 Terphenyl-d14	696.8	496.1	71.21	31-120

Client ID: SQ-1
Sample Info: IH29SRM
Volume Injected (uL): 1.0
Column phase: RTX-5

Instrument: nt6.i
Operator: LJR/VJS
Column diameter: 0.32



Date : 29-JUL-2005 17:27

Client ID: SQ-1

Instrument: nt6.i

Sample Info: IH29SRM

Volume Injected (uL): 1.0

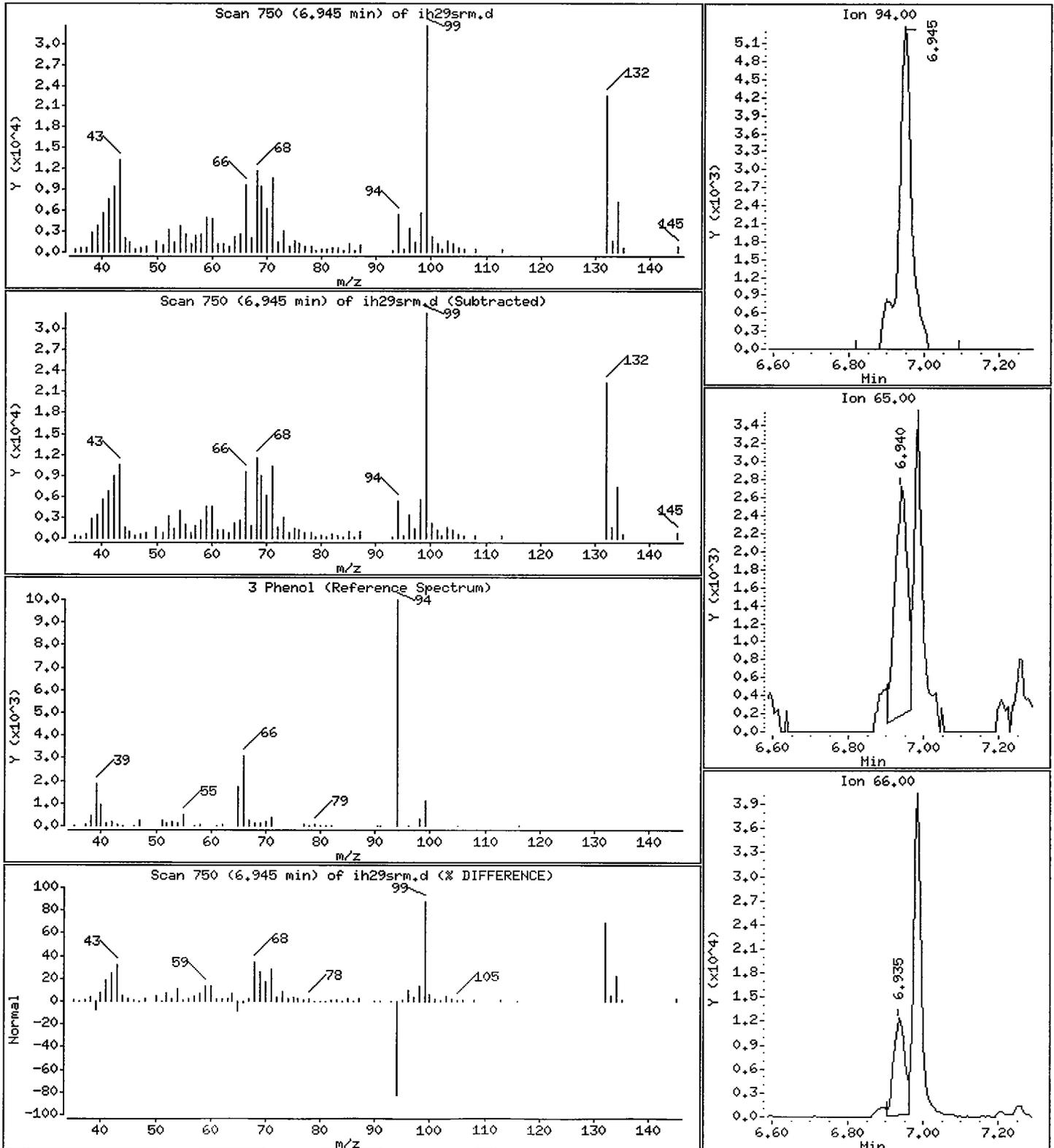
Operator: LJR/VS

Column phase: RTX-5

Column diameter: 0.32

3 Phenol

Concentration: 28.31 ug/kg



Date : 29-JUL-2005 17:27

Client ID: SQ-1

Instrument: nt6.i

Sample Info: IH29SRM

Volume Injected (uL): 1.0

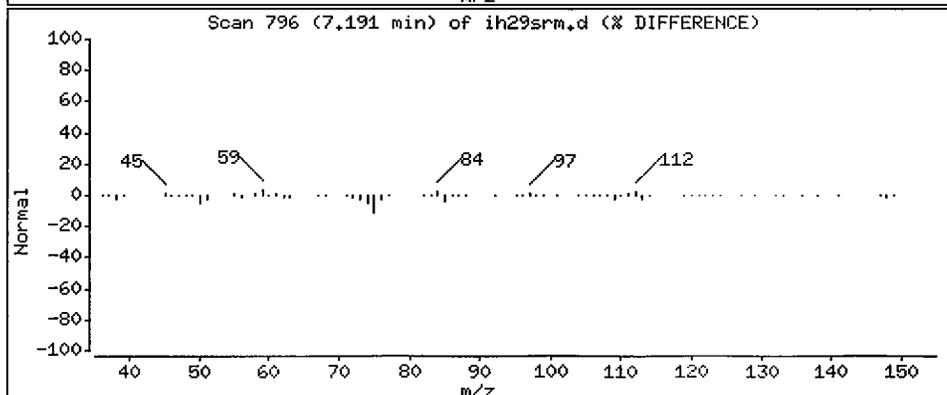
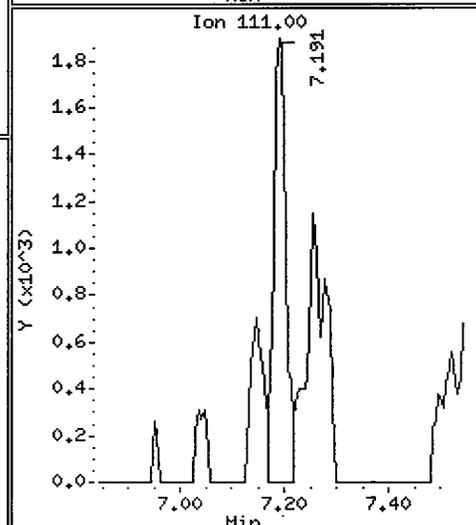
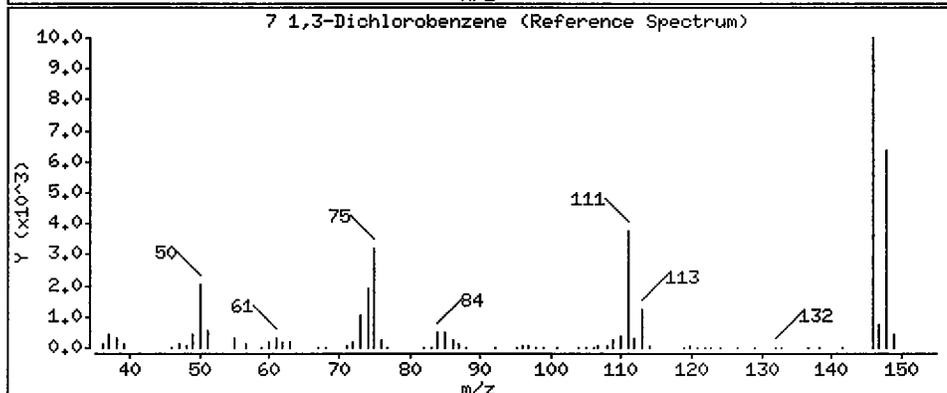
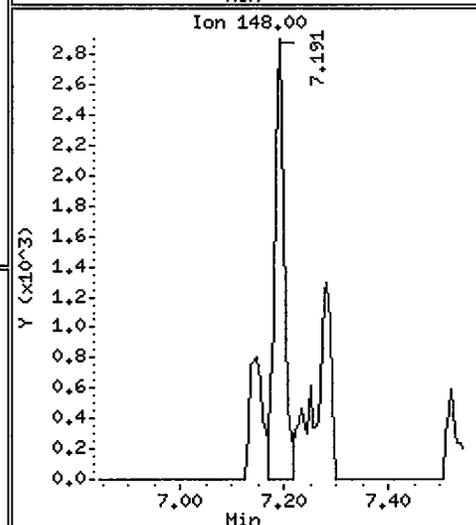
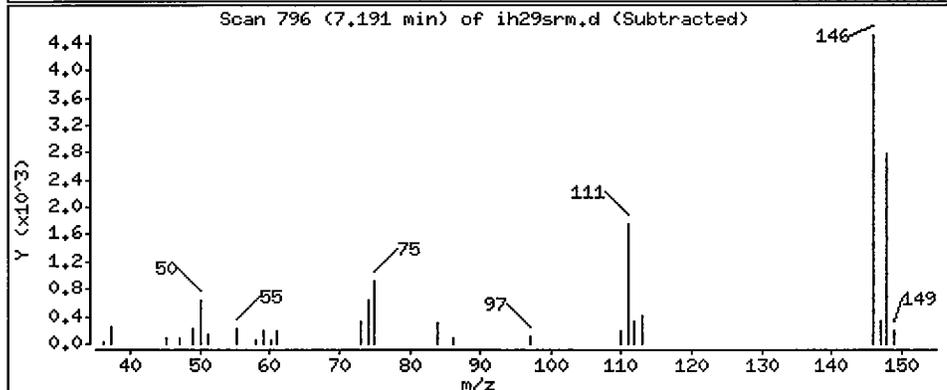
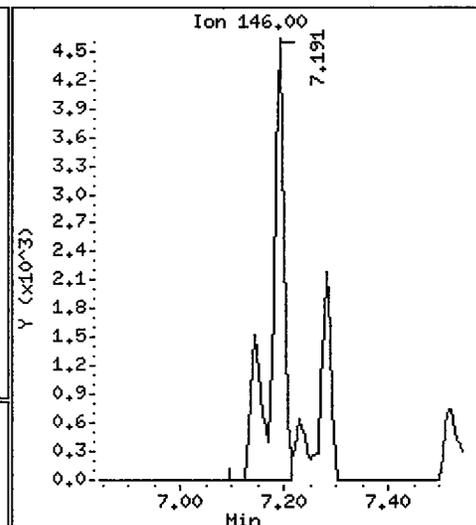
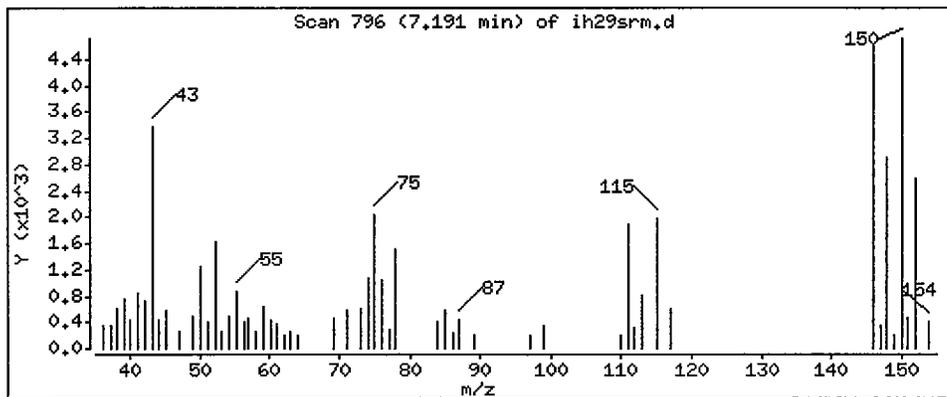
Operator: LJR/VS

Column phase: RTX-5

Column diameter: 0.32

7 1,3-Dichlorobenzene

Concentration: 20.62 ug/kg



Date : 29-JUL-2005 17:27

Client ID: SQ-1

Instrument: nt6.i

Sample Info: IH29SRM

Volume Injected (uL): 1.0

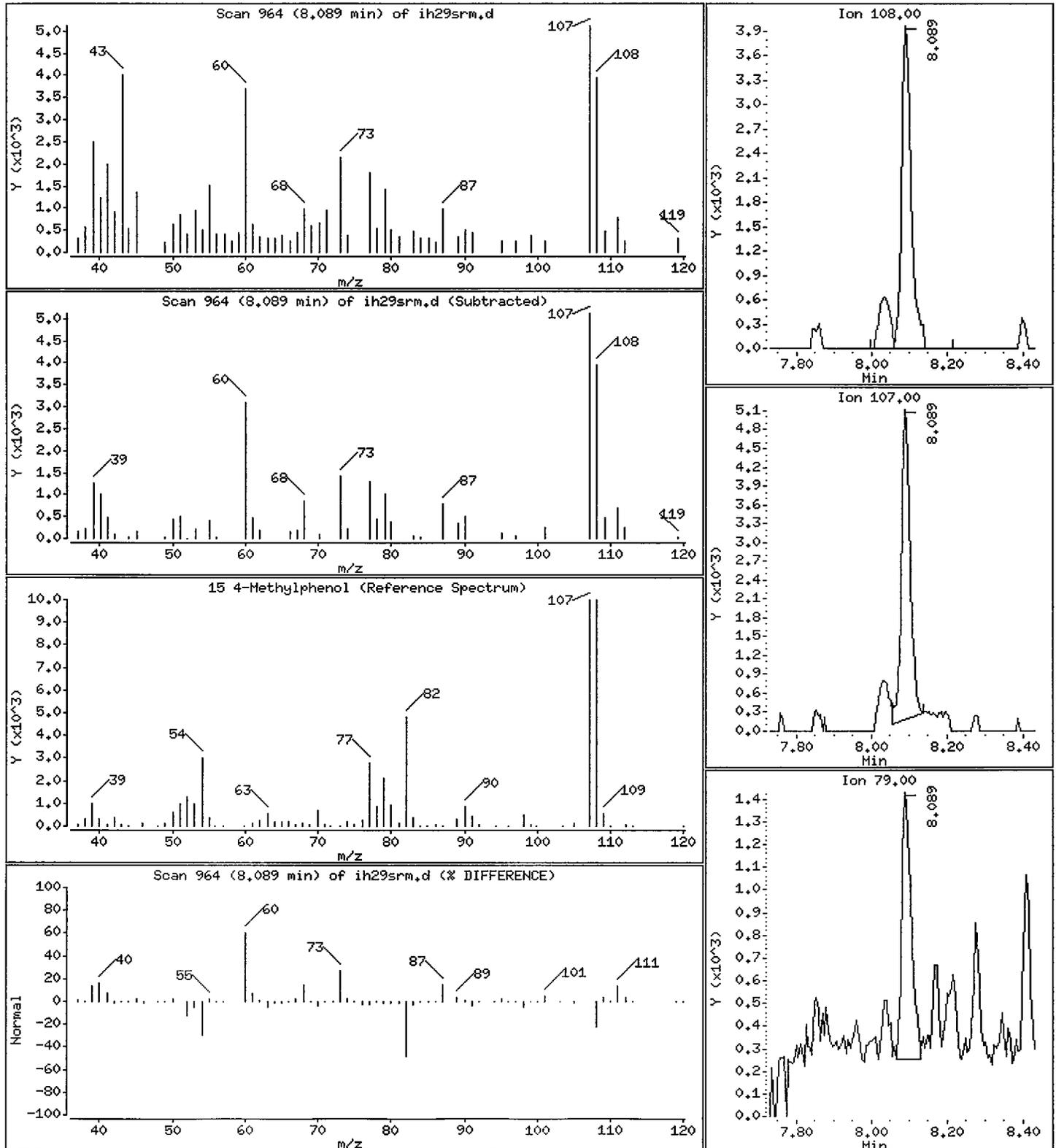
Operator: LJR/VS

Column phase: RTX-5

Column diameter: 0.32

15 4-Methylphenol

Concentration: 27.06 ug/kg



Date : 29-JUL-2005 17:27

Client ID: SQ-1

Instrument: nt6.i

Sample Info: IH29SRM

Volume Injected (uL): 1.0

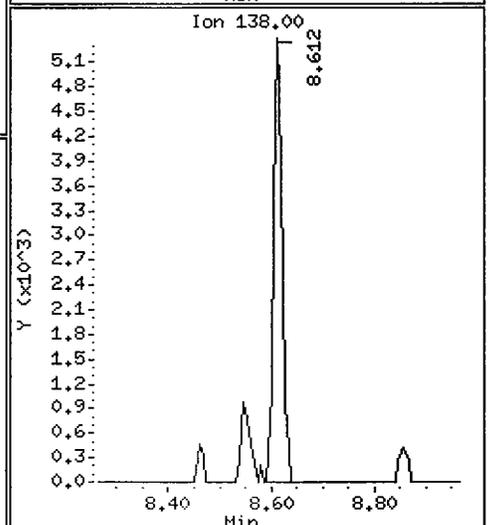
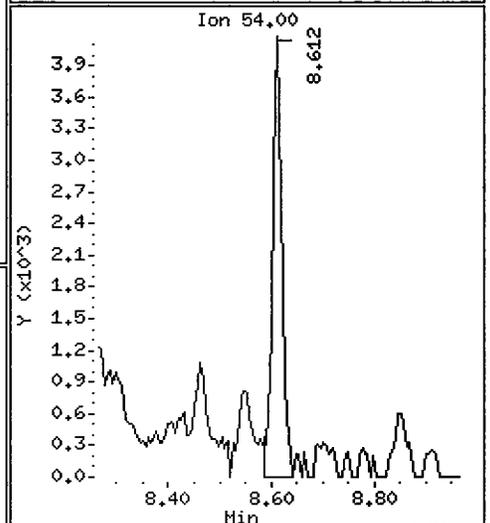
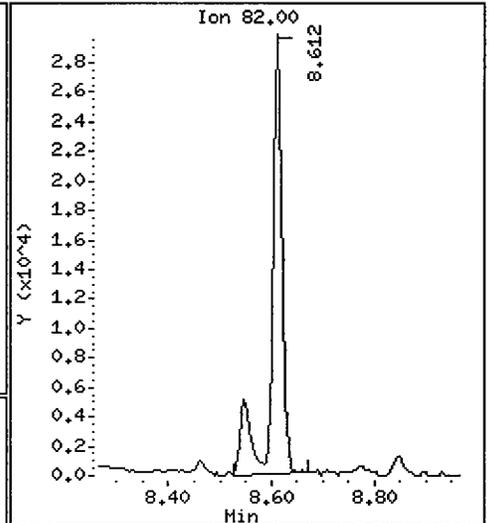
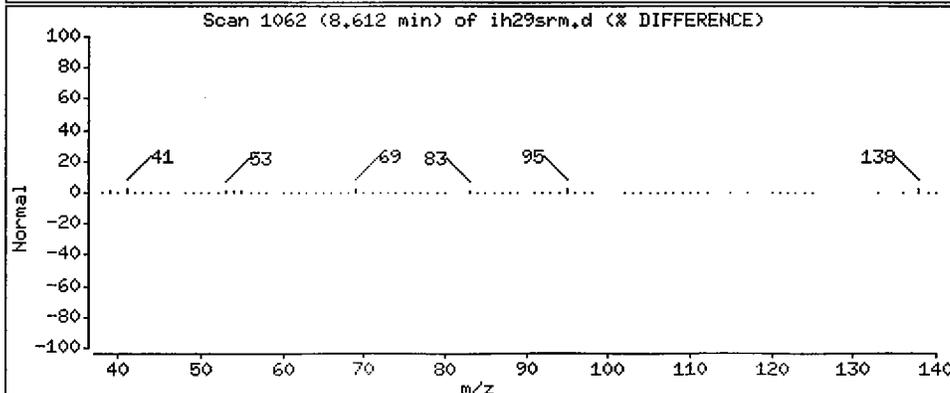
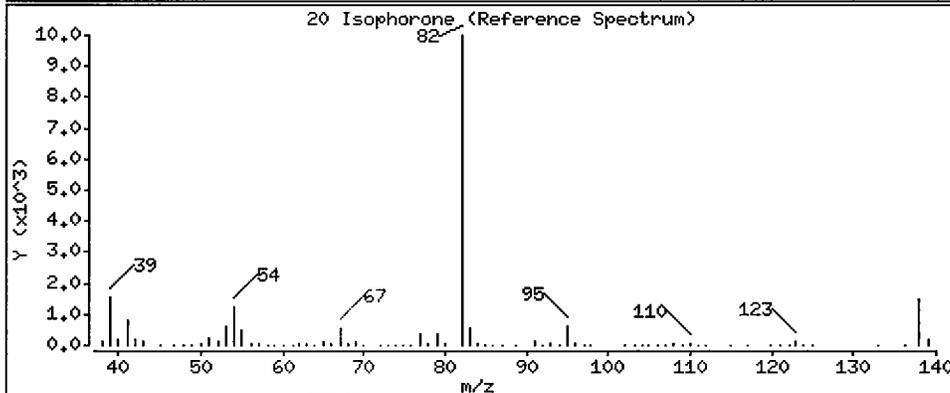
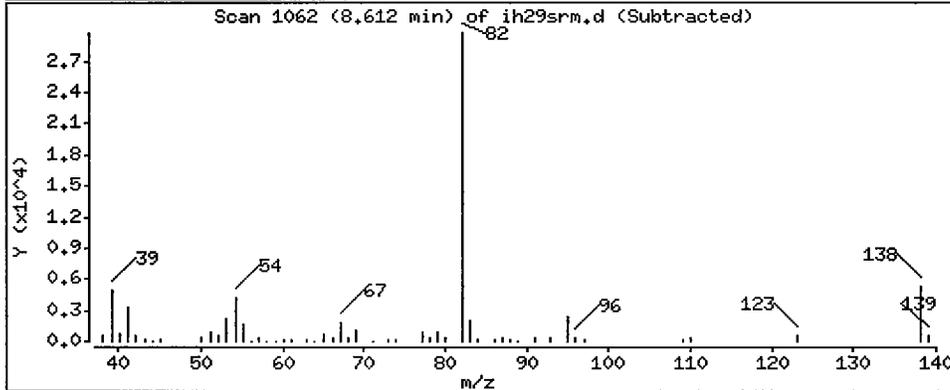
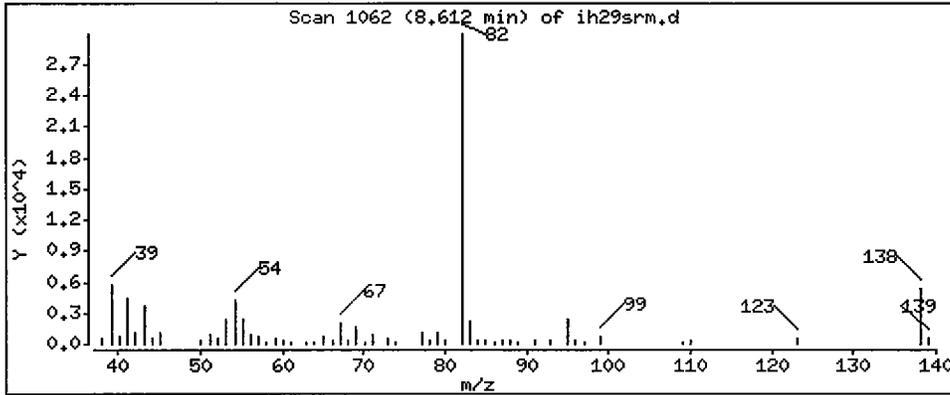
Operator: LJR/VS

Column phase: RTX-5

Column diameter: 0.32

20 Isophorone

Concentration: 59.91 ug/kg



Date : 29-JUL-2005 17:27

Client ID: SQ-1

Instrument: nt6.i

Sample Info: IH29SRM

Volume Injected (uL): 1.0

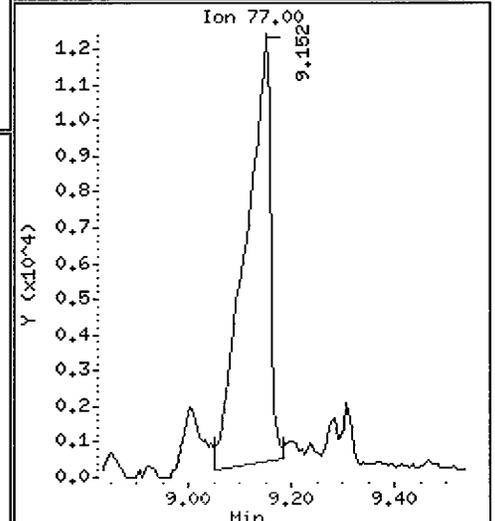
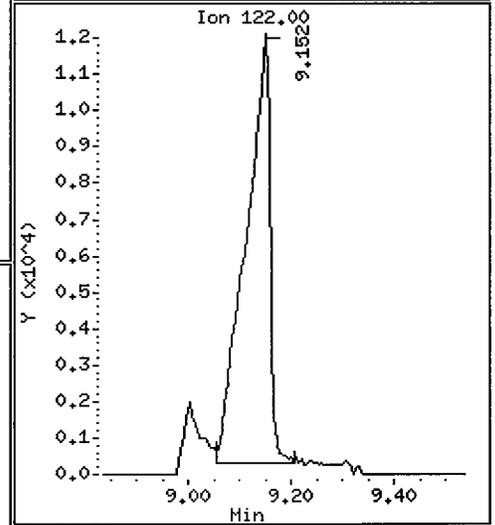
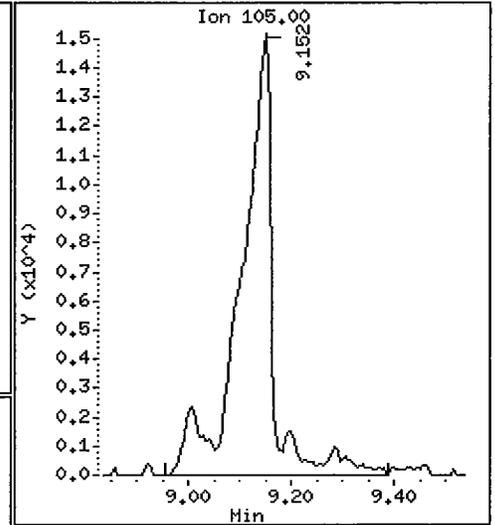
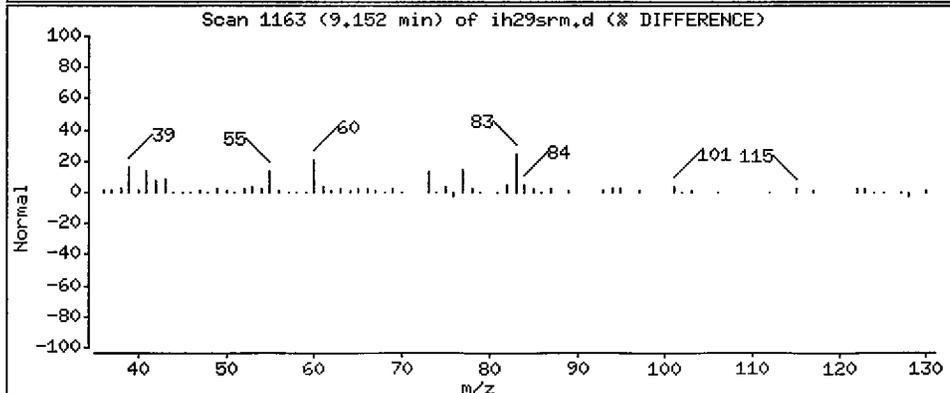
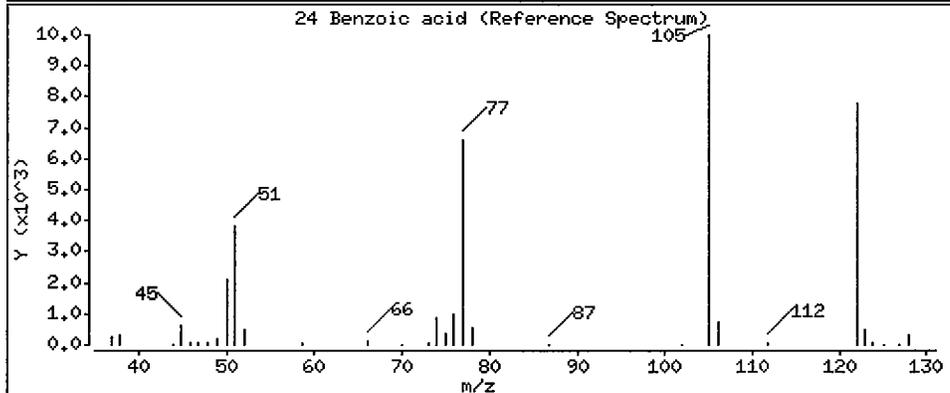
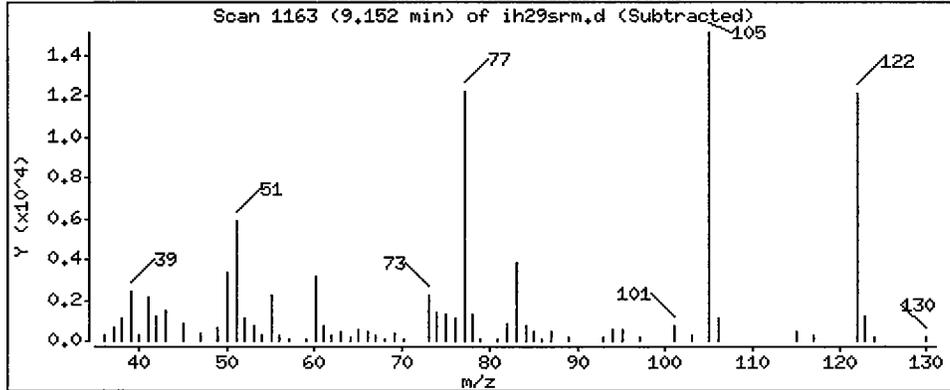
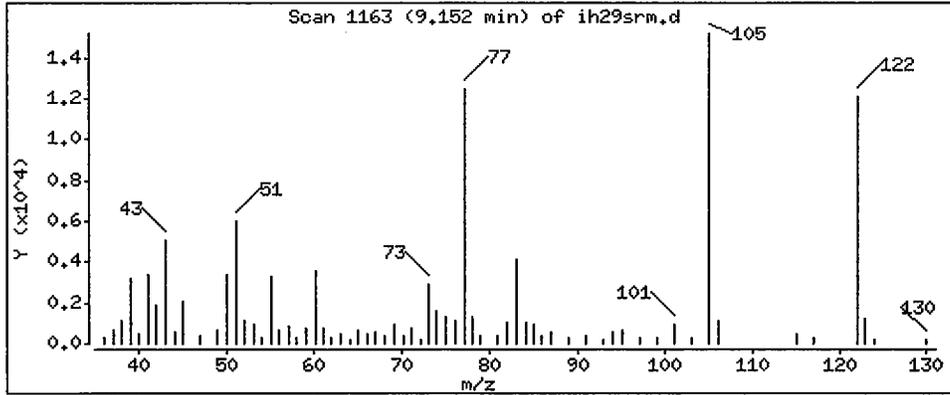
Operator: LJR/VS

Column phase: RTX-5

Column diameter: 0.32

24 Benzoic acid

Concentration: 307.9 ug/kg



Date : 29-JUL-2005 17:27

Client ID: SQ-1

Instrument: nt6.i

Sample Info: IH29SRM

Volume Injected (uL): 1.0

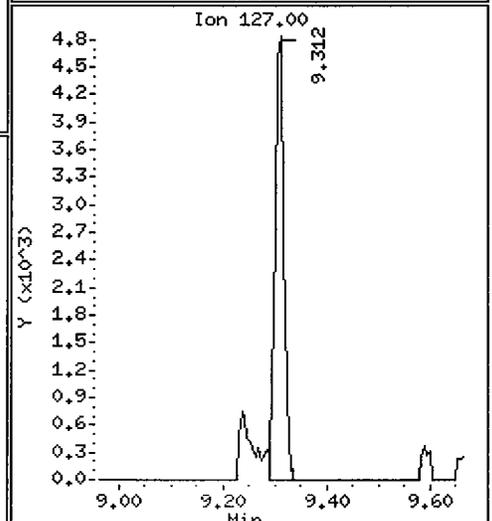
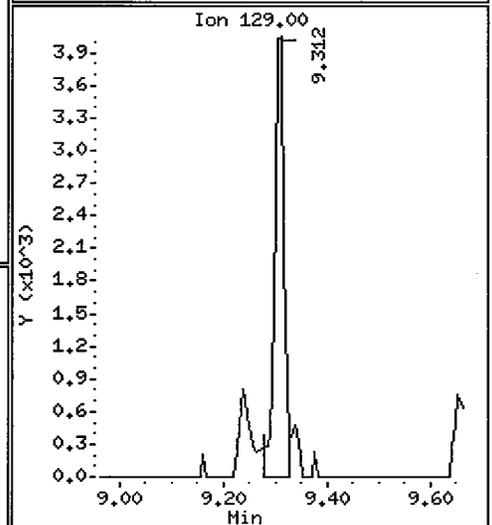
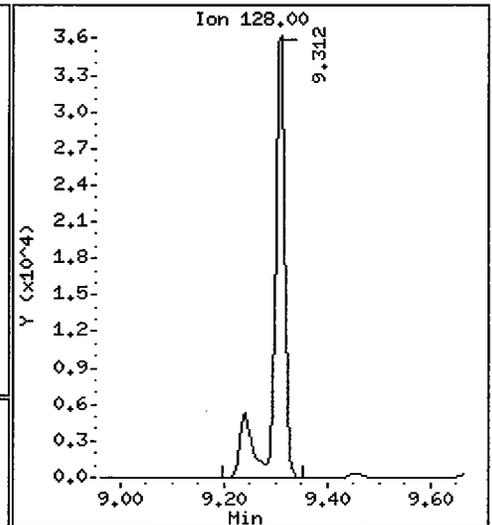
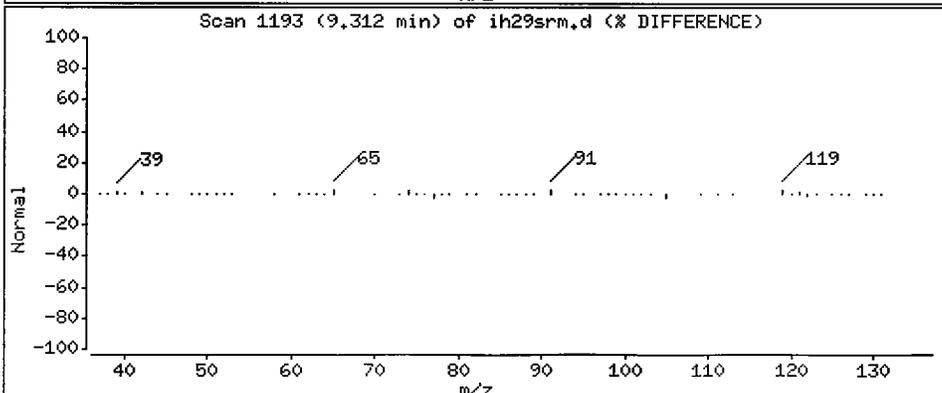
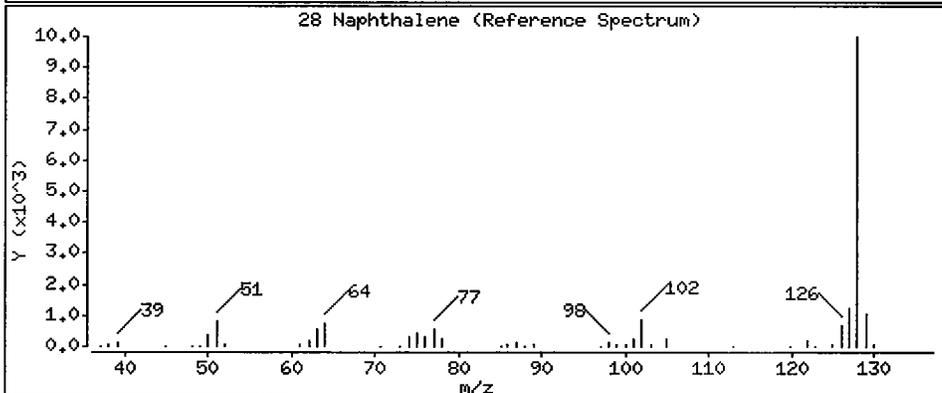
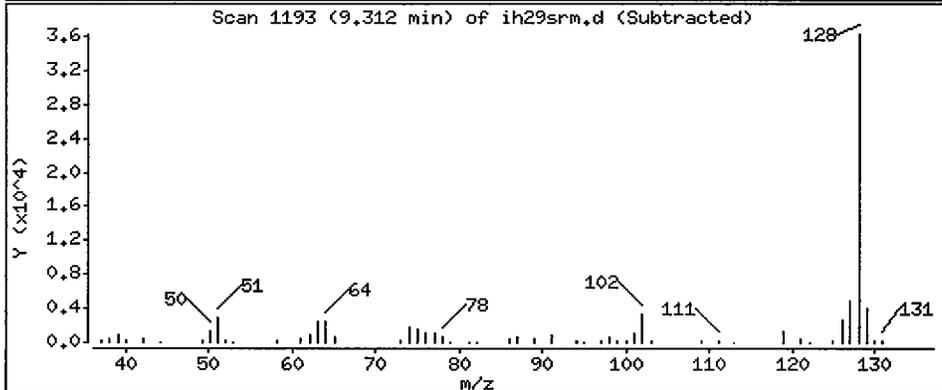
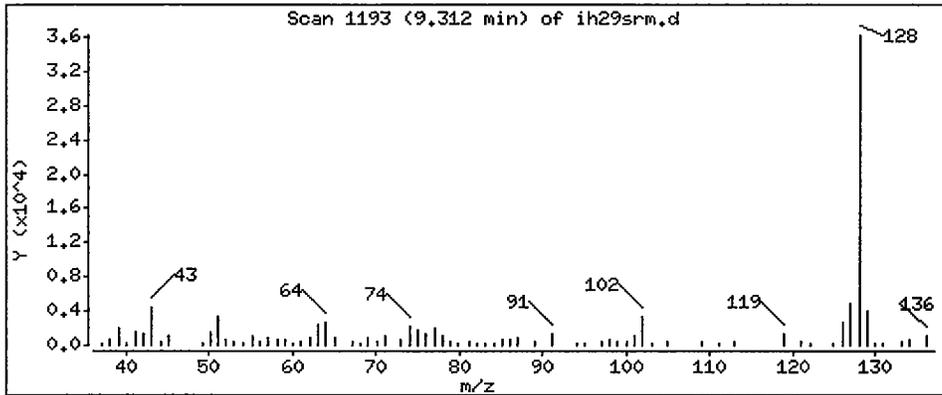
Operator: LJR/VS

Column phase: RTX-5

Column diameter: 0.32

28 Naphthalene

Concentration: 52.81 ug/kg



Date : 29-JUL-2005 17:27

Client ID: SQ-1

Instrument: nt6.i

Sample Info: IH29SRH

Volume Injected (uL): 1.0

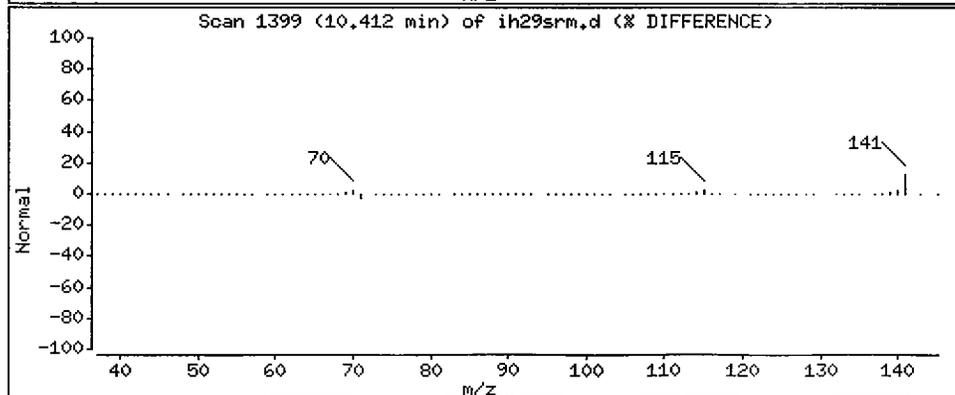
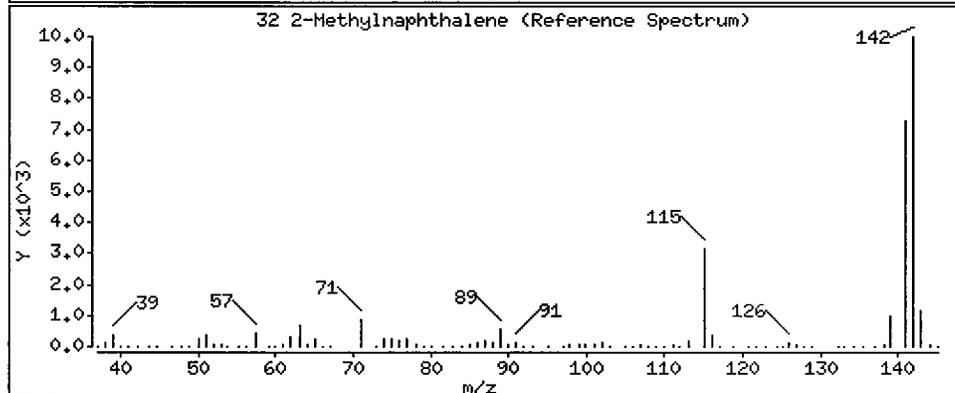
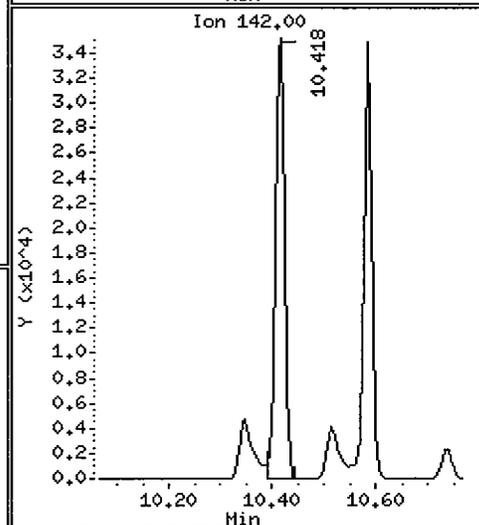
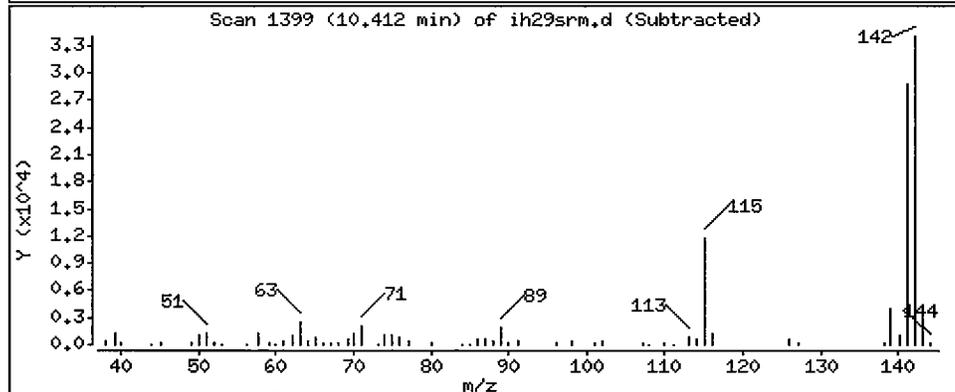
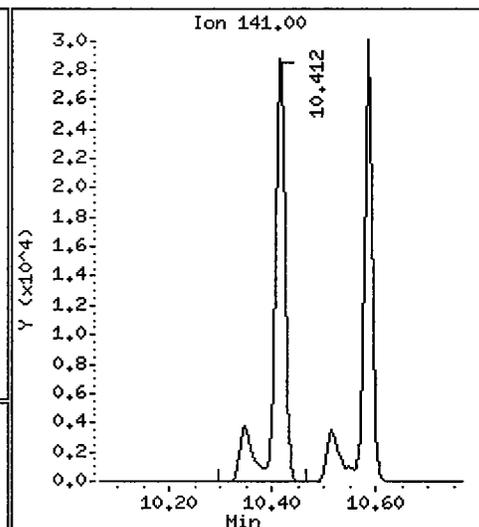
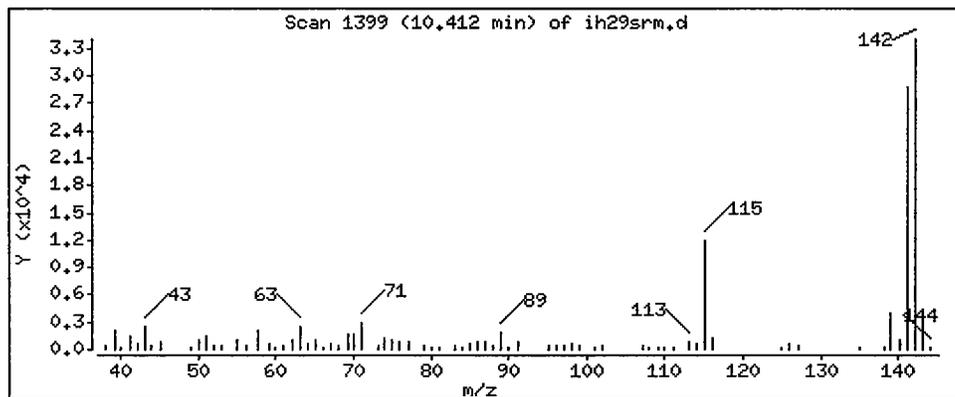
Operator: LJR/VS

Column phase: RTX-5

Column diameter: 0.32

32 2-Methylnaphthalene

Concentration: 83.73 ug/kg



Date : 29-JUL-2005 17:27

Client ID: SQ-1

Instrument: nt6.i

Sample Info: IH29SRM

Volume Injected (uL): 1.0

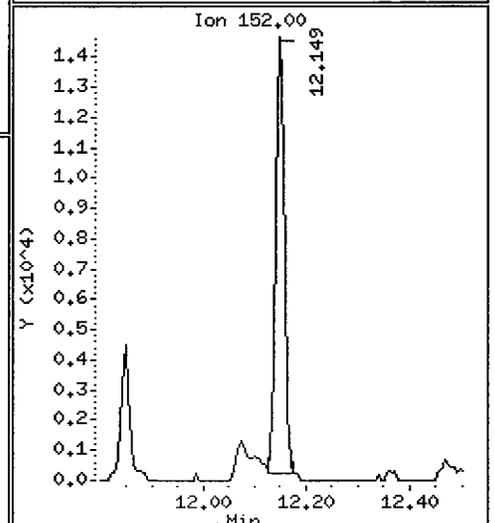
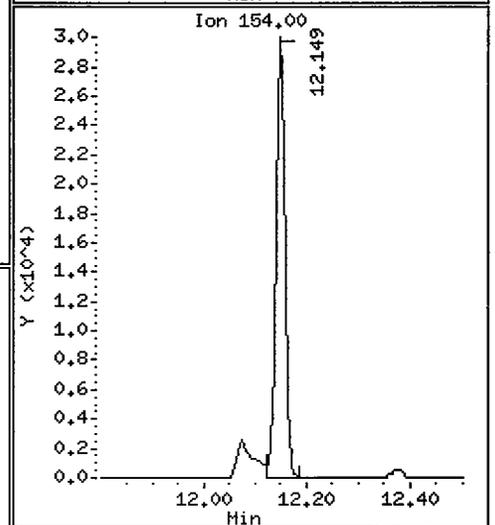
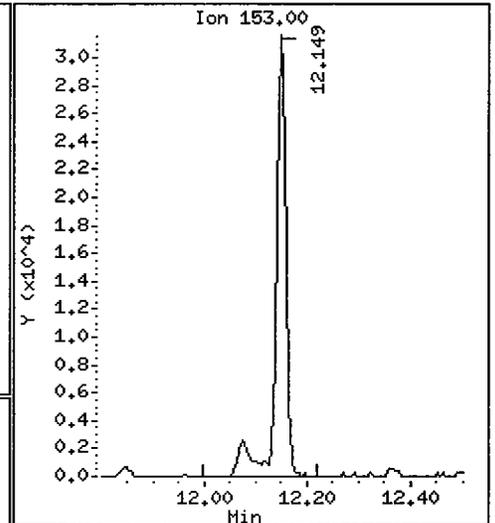
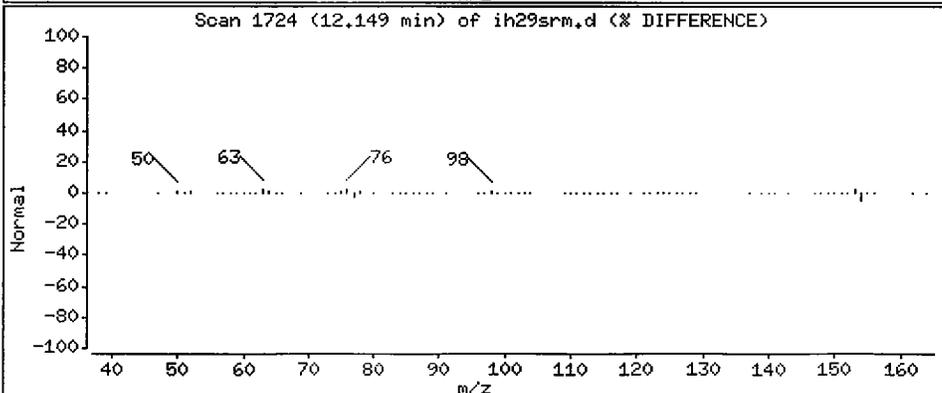
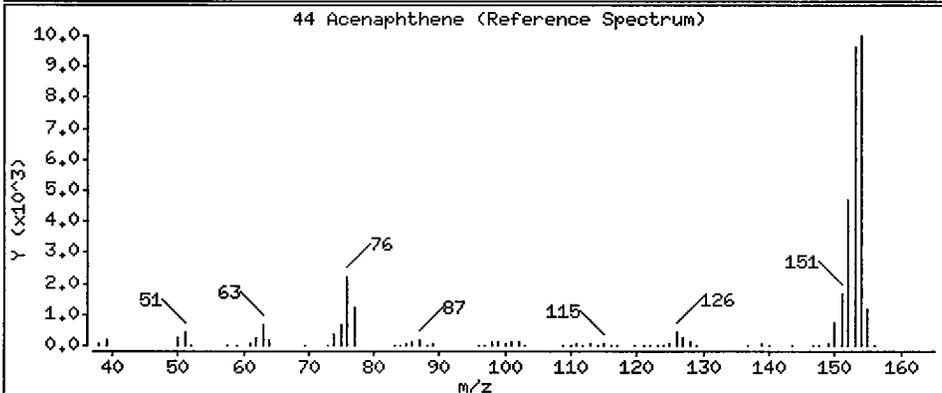
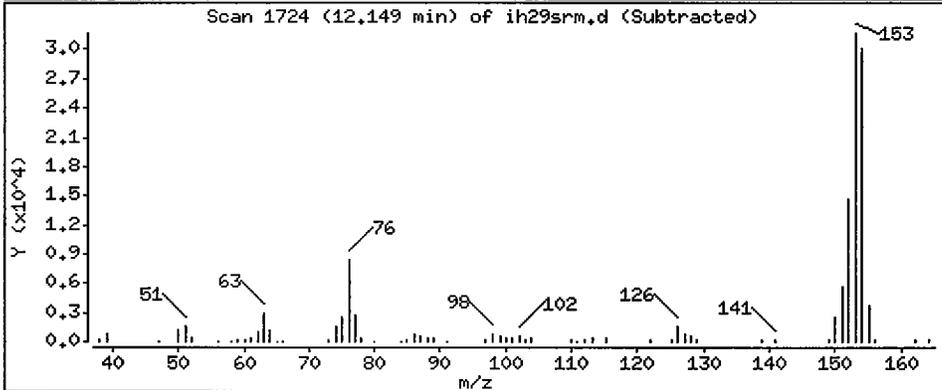
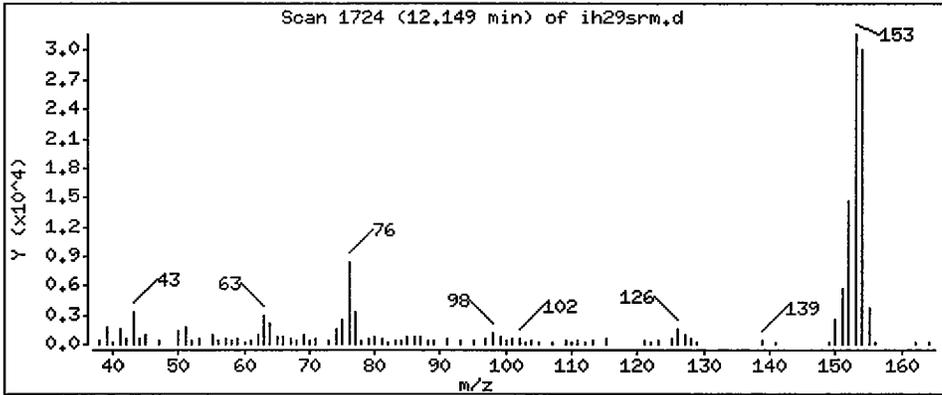
Operator: LJR/VS

Column phase: RTX-5

Column diameter: 0.32

44 Acenaphthene

Concentration: 75.30 ug/kg



Date : 29-JUL-2005 17:27

Client ID: SQ-1

Instrument: nt6.i

Sample Info: IH29SRM

Volume Injected (uL): 1.0

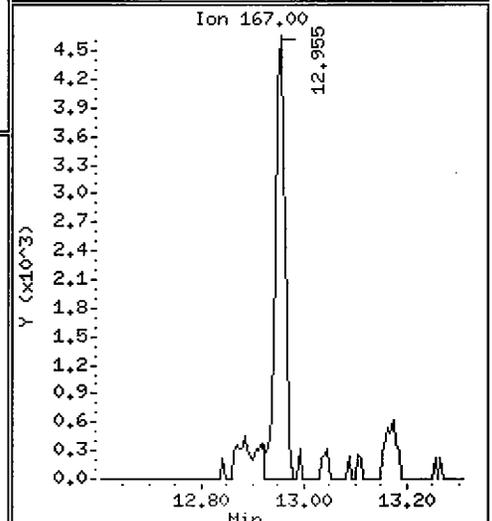
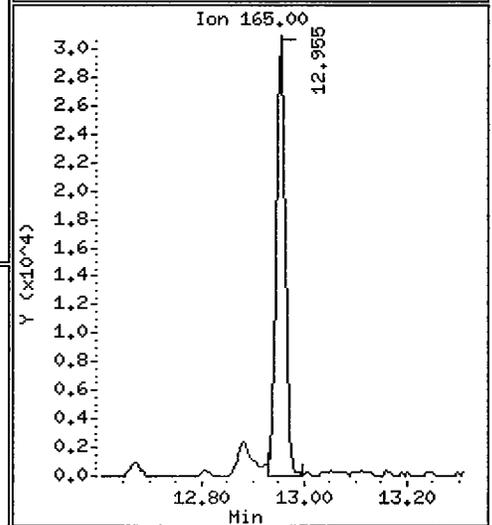
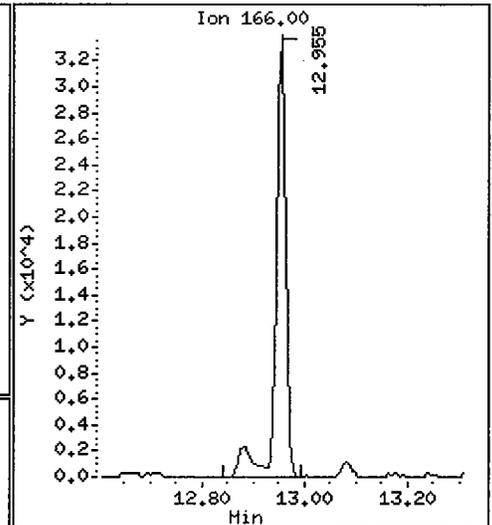
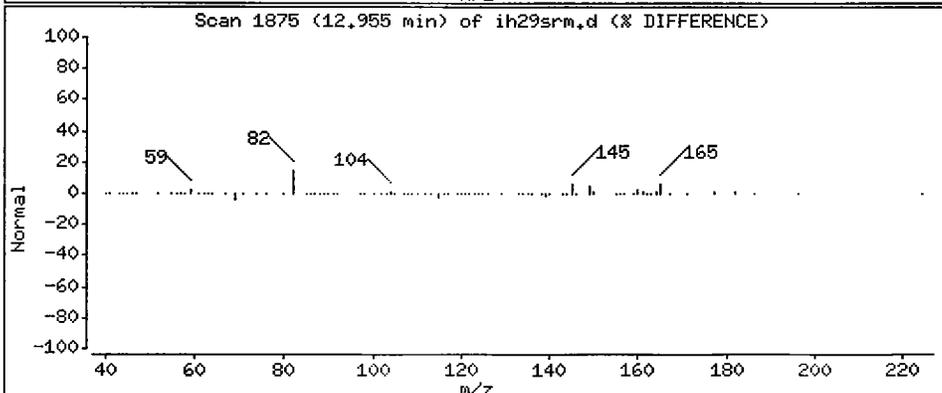
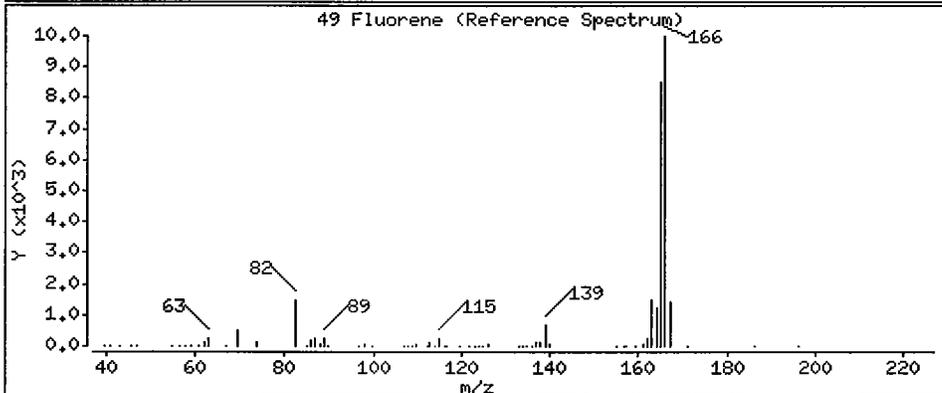
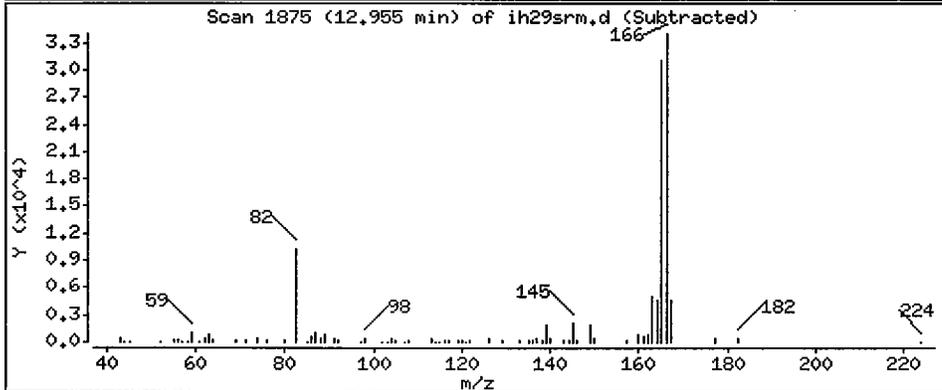
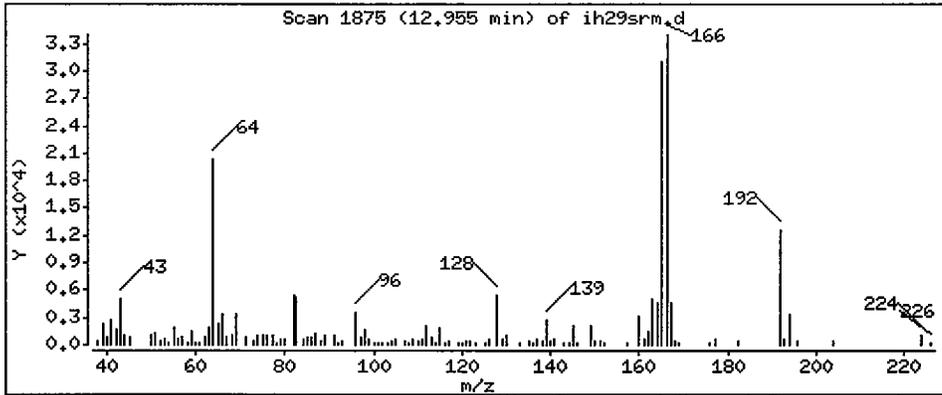
Operator: LJR/VS

Column phase: RTX-5

Column diameter: 0.32

49 Fluorene

Concentration: 53.99 ug/kg



Date: 29-JUL-2005 17:27

Client ID: SQ-1

Instrument: nt6.i

Sample Info: IH29SRM

Volume Injected (uL): 1.0

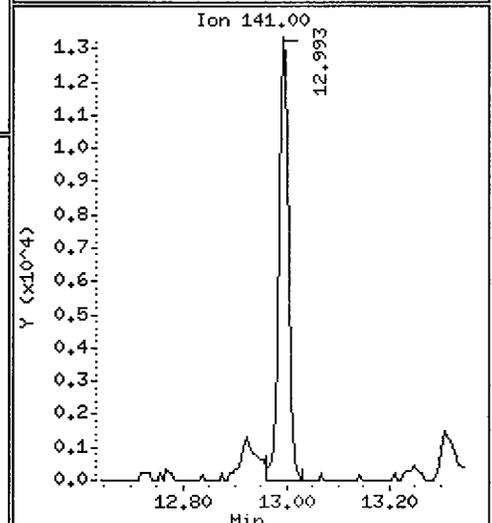
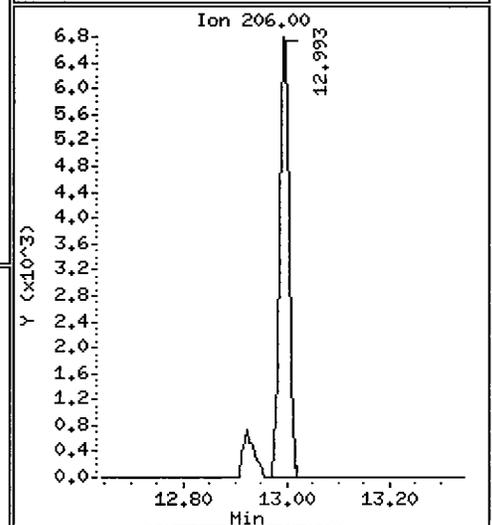
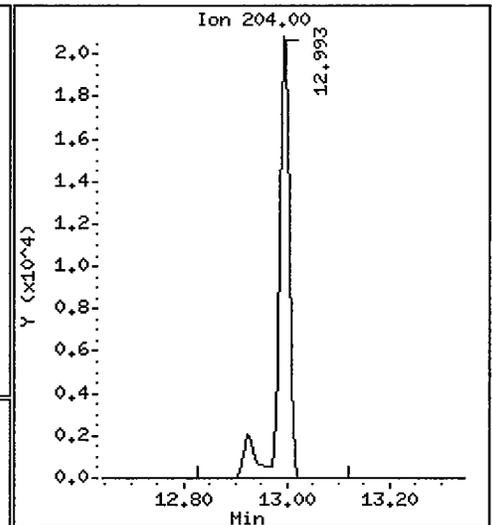
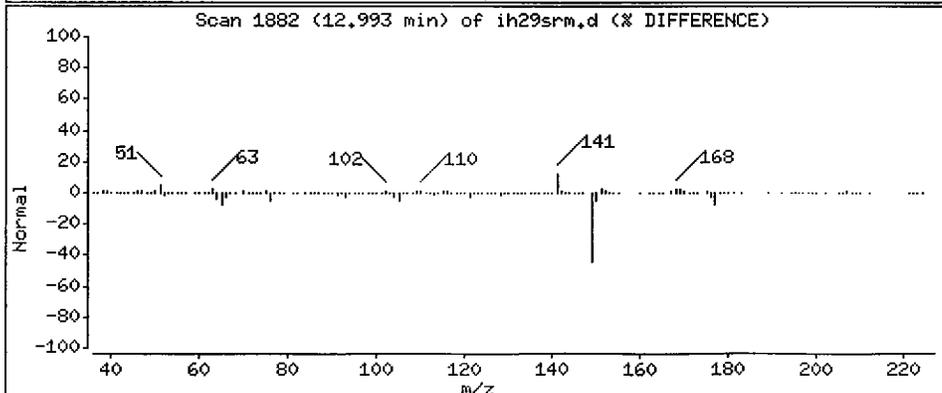
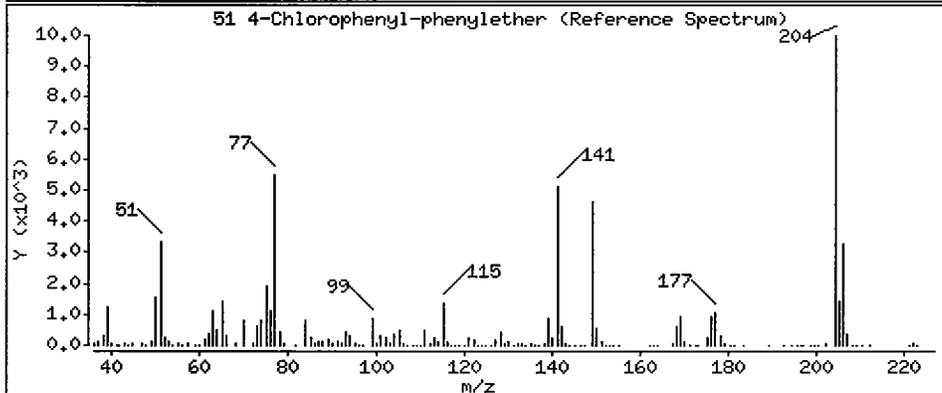
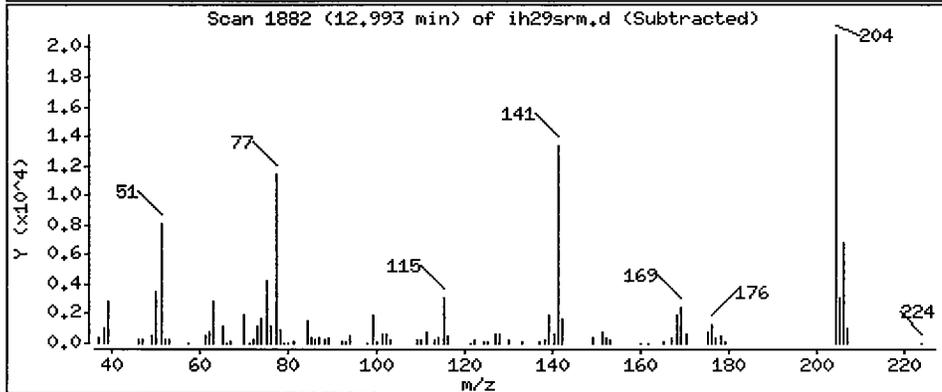
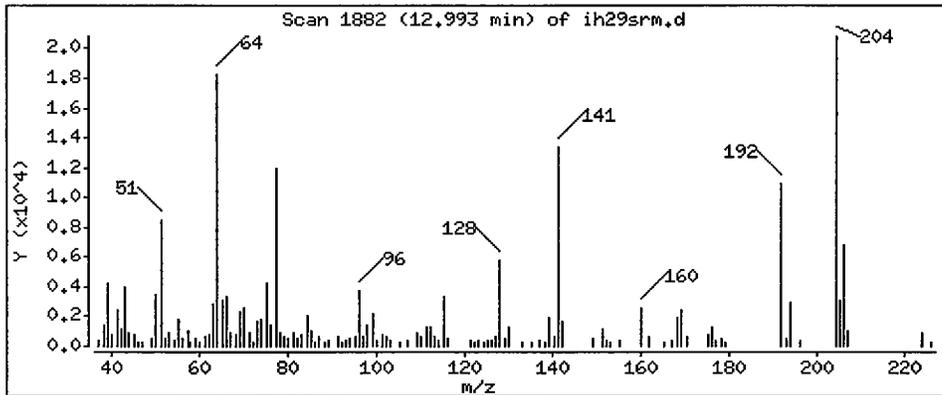
Operator: LJR/VS

Column phase: RTX-5

Column diameter: 0.32

51 4-Chlorophenyl-phenylether

Concentration: 105.8 ug/kg



Date : 29-JUL-2005 17:27

Client ID: SQ-1

Instrument: nt6.i

Sample Info: IH29SRM

Volume Injected (uL): 1.0

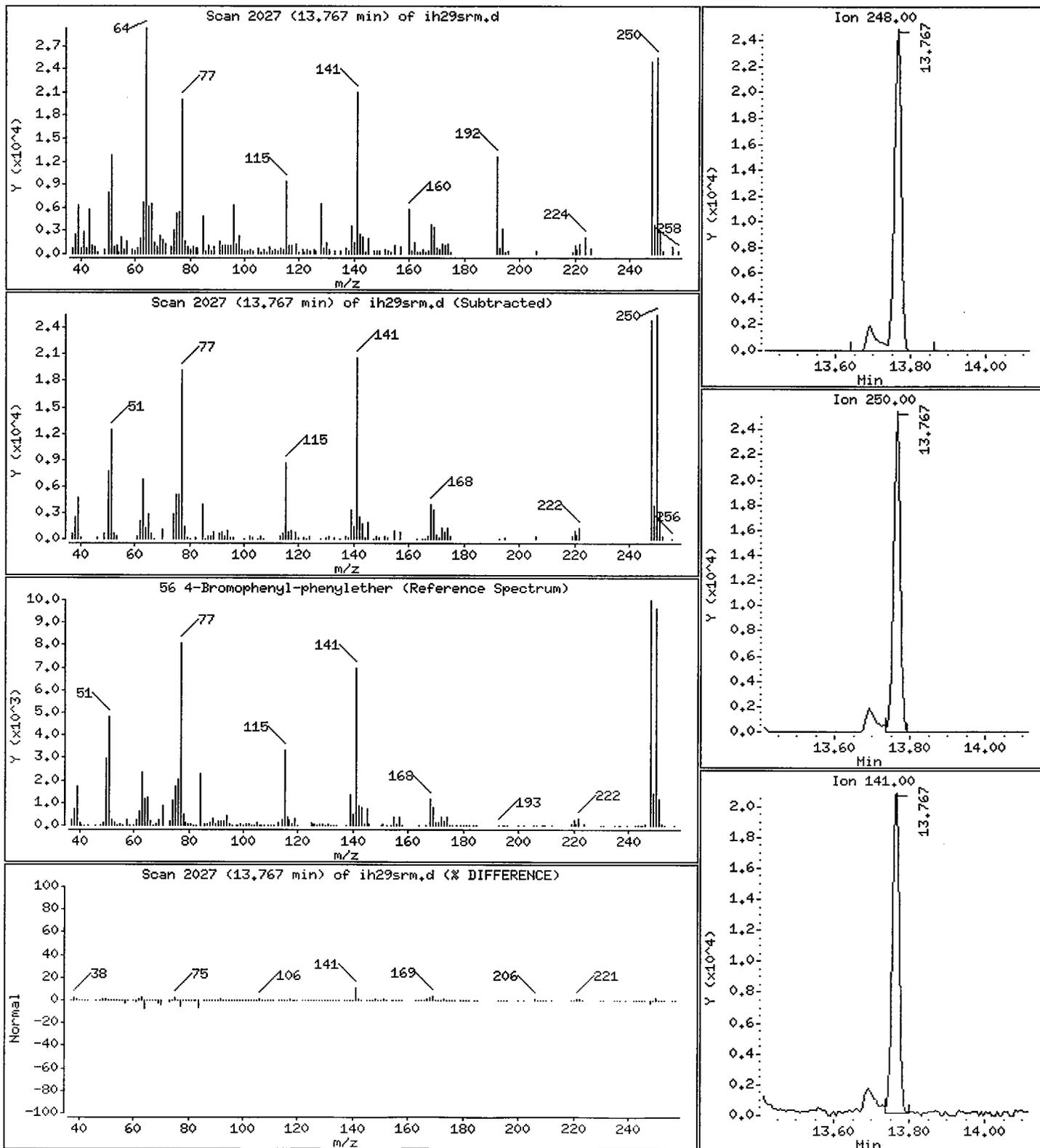
Operator: LJR/VS

Column phase: RTX-5

Column diameter: 0.32

56 4-Bromophenyl-phenylether

Concentration: 243.0 ug/kg



Date : 29-JUL-2005 17:27

Client ID: SQ-1

Instrument: nt6.i

Sample Info: IH29SRM

Volume Injected (uL): 1.0

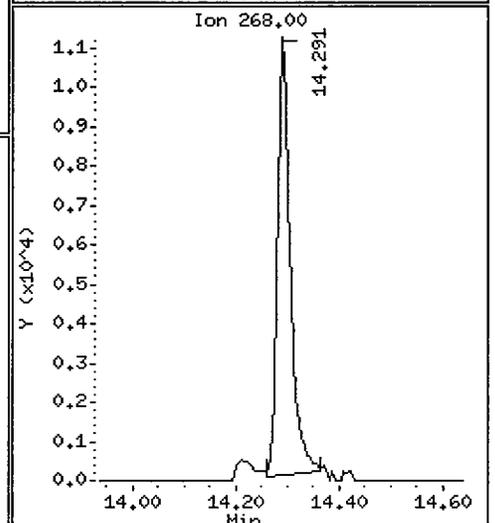
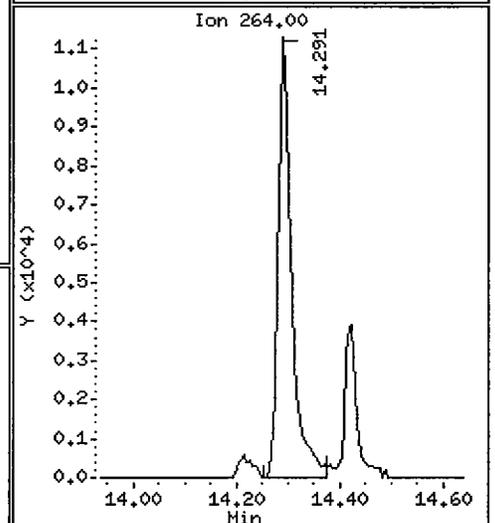
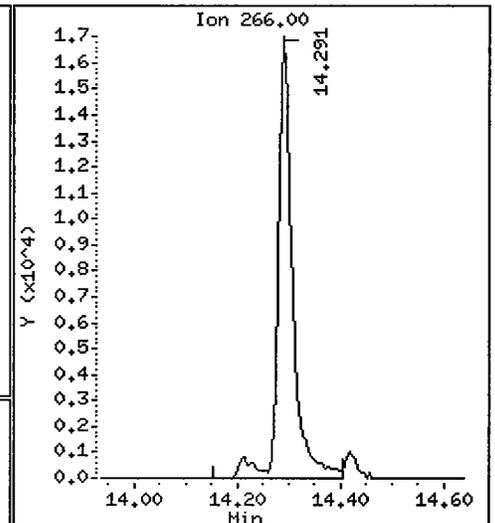
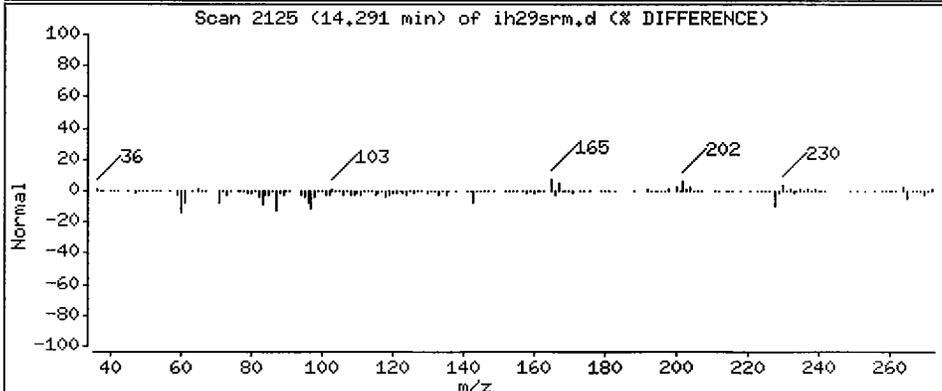
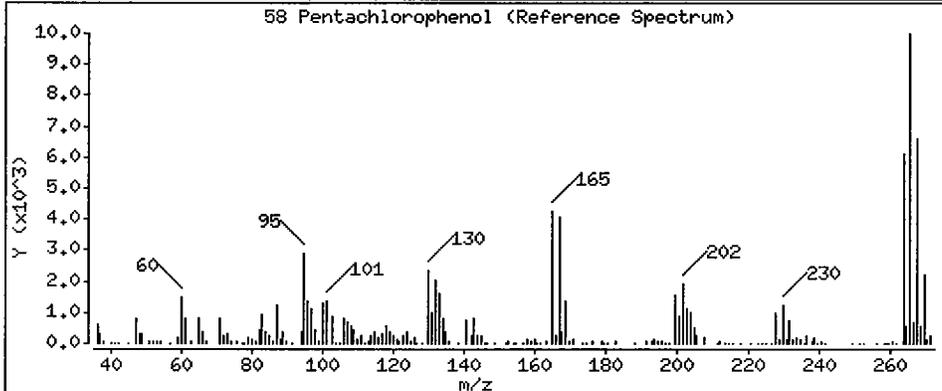
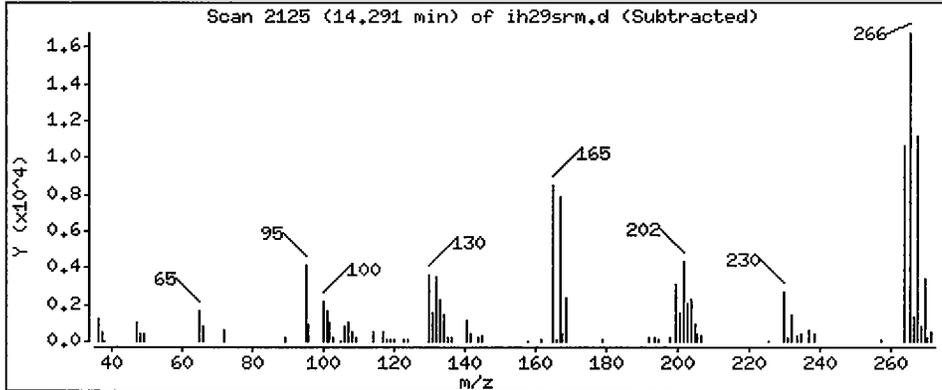
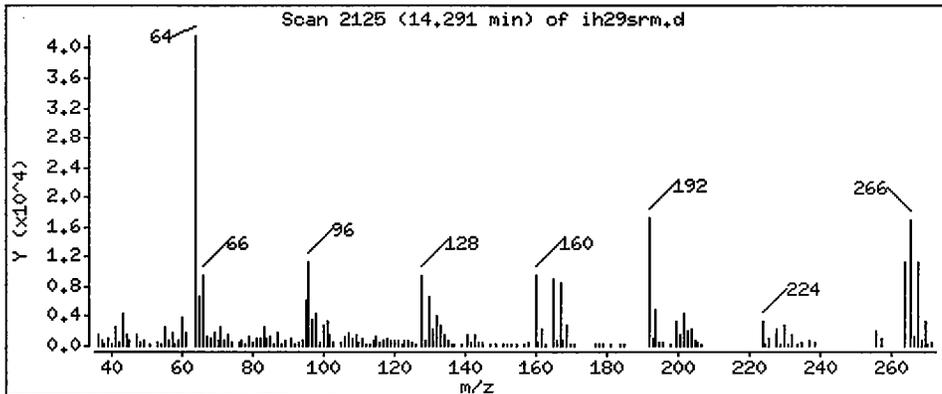
Operator: LJR/VS

Column phase: RTX-5

Column diameter: 0.32

58 Pentachlorophenol

Concentration: 463.4 ug/kg



Date: 29-JUL-2005 17:27

Client ID: SQ-1

Instrument: nt6.i

Sample Info: IH29SRM

Volume Injected (uL): 1.0

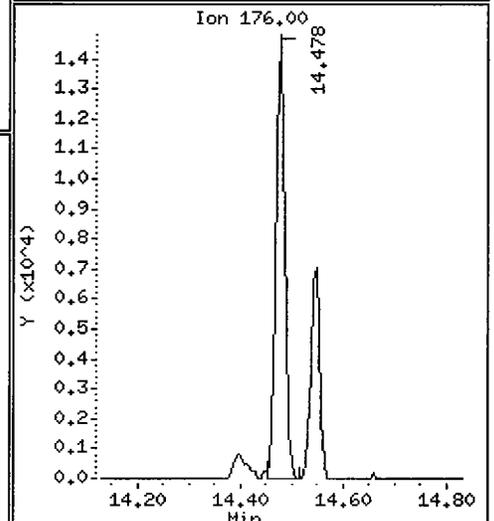
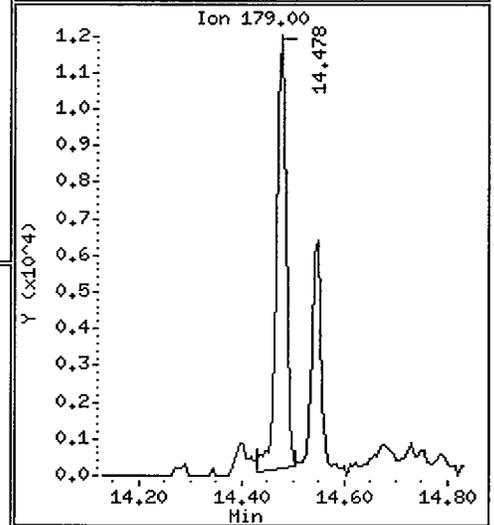
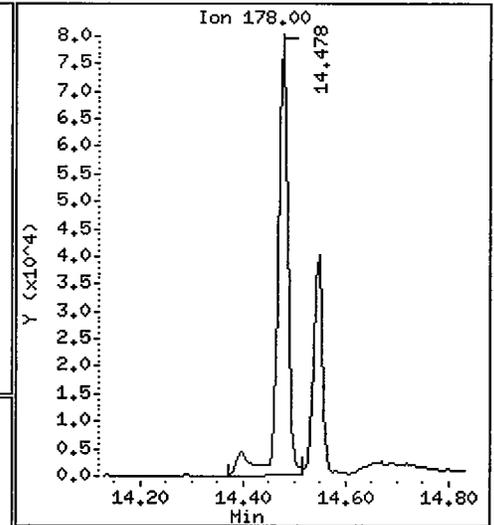
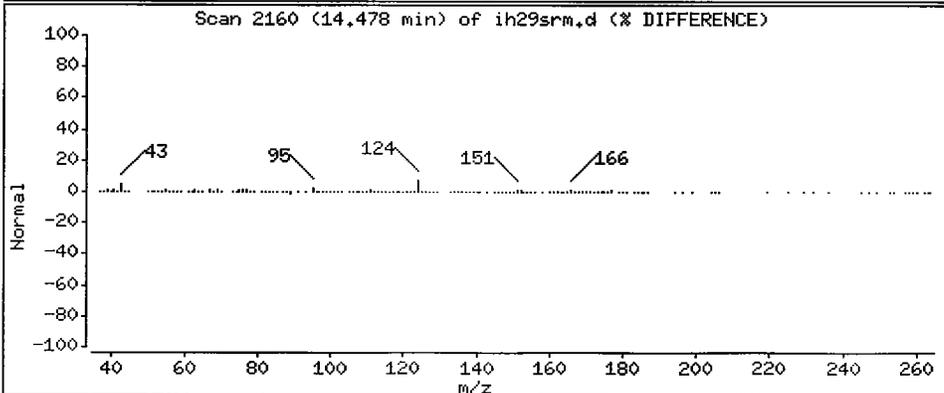
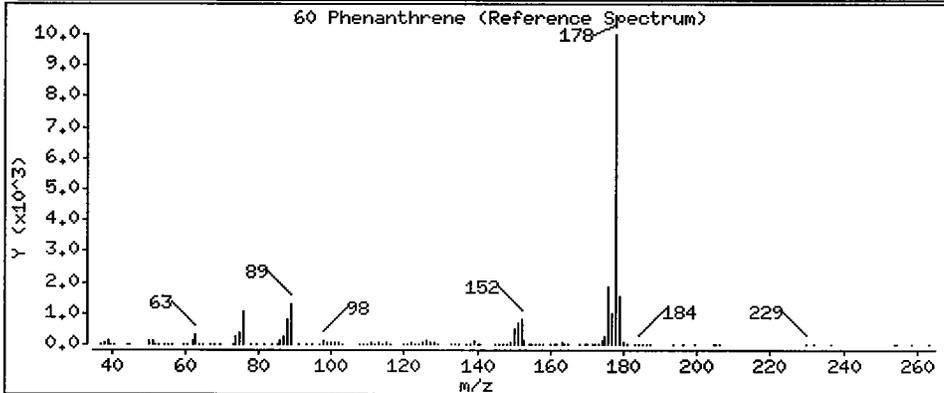
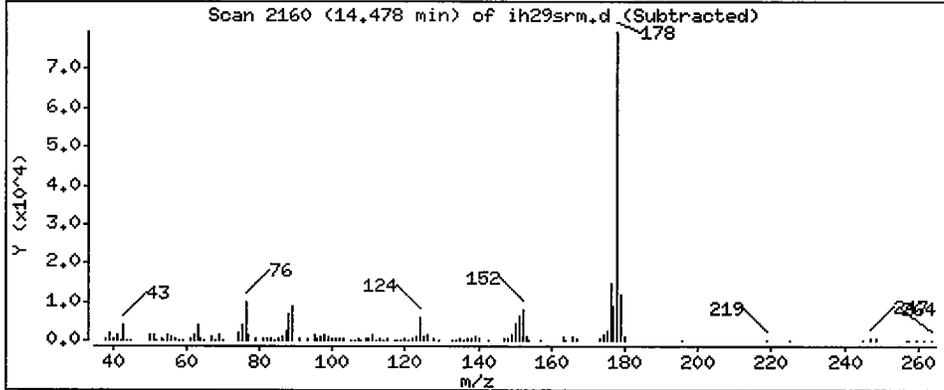
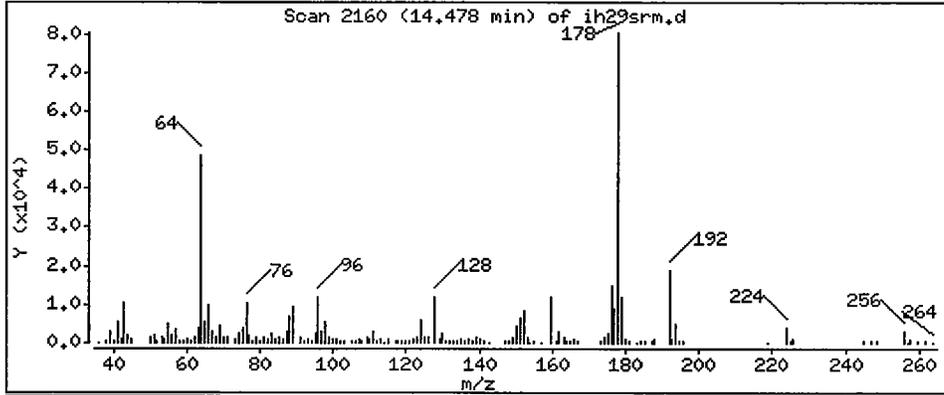
Operator: LJR/VS

Column phase: RTX-5

Column diameter: 0.32

60 Phenanthrene

Concentration: 142.2 ug/kg



Date : 29-JUL-2005 17:27

Client ID: SQ-1

Instrument: nt6.i

Sample Info: IH29SRM

Volume Injected (uL): 1.0

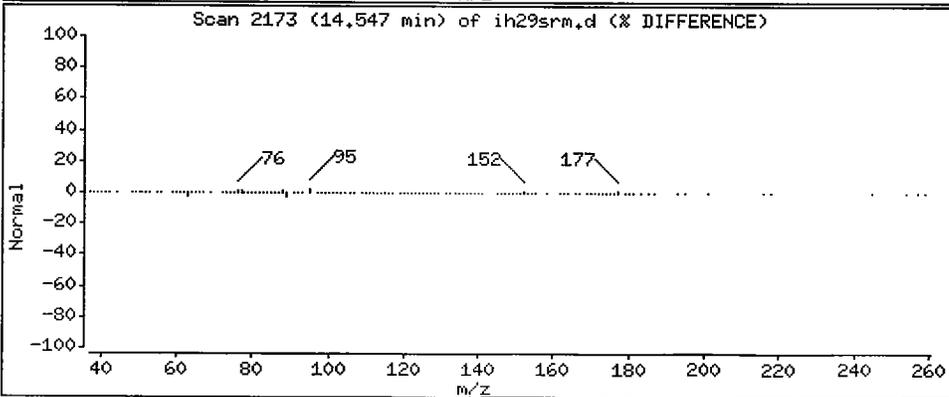
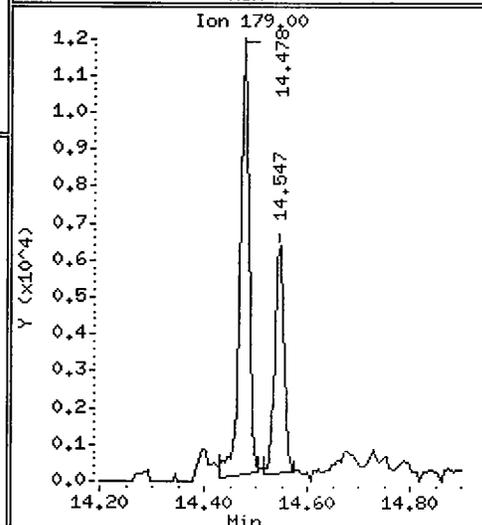
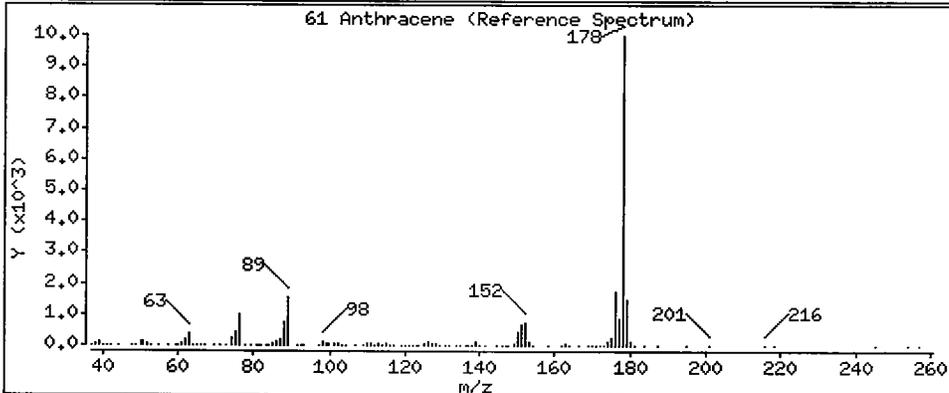
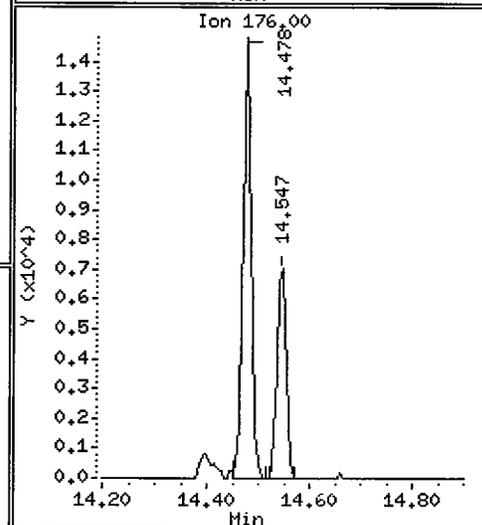
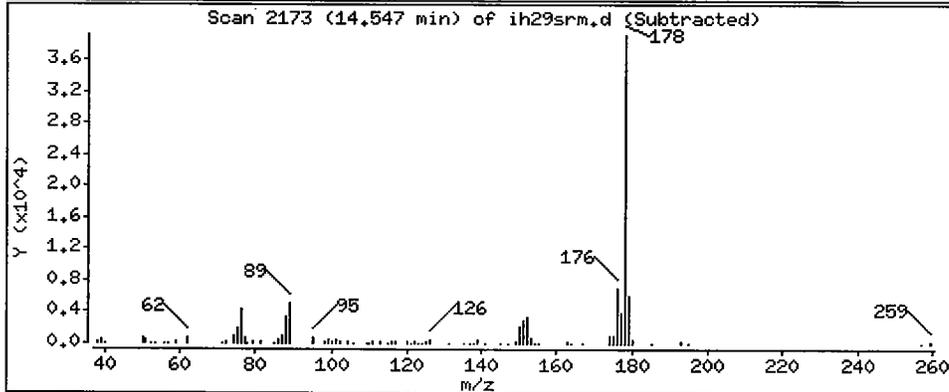
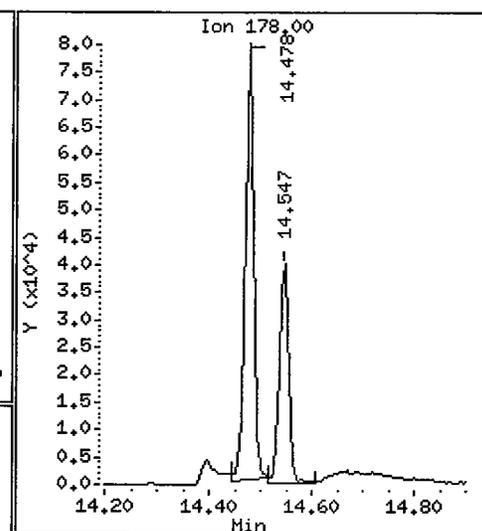
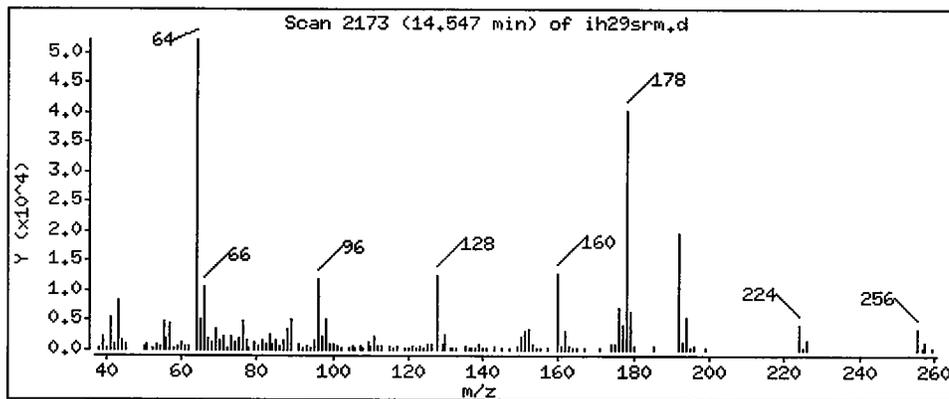
Operator: LJR/VS

Column phase: RTX-5

Column diameter: 0.32

61 Anthracene

Concentration: 63.28 ug/kg



Date : 29-JUL-2005 17:27

Client ID: SQ-1

Instrument: nt6.i

Sample Info: IH29SRM

Volume Injected (uL): 1.0

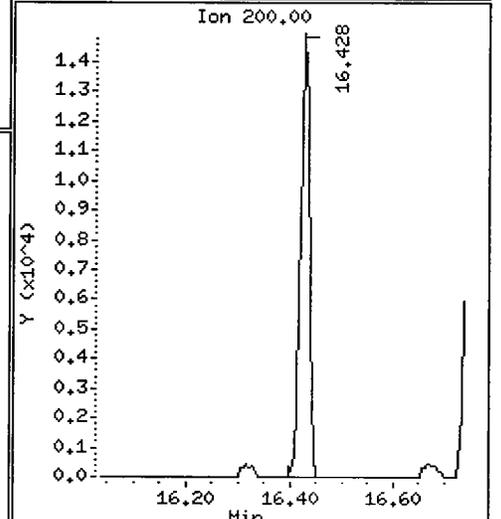
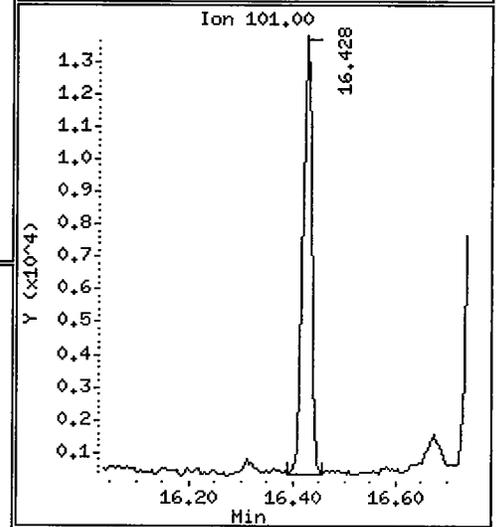
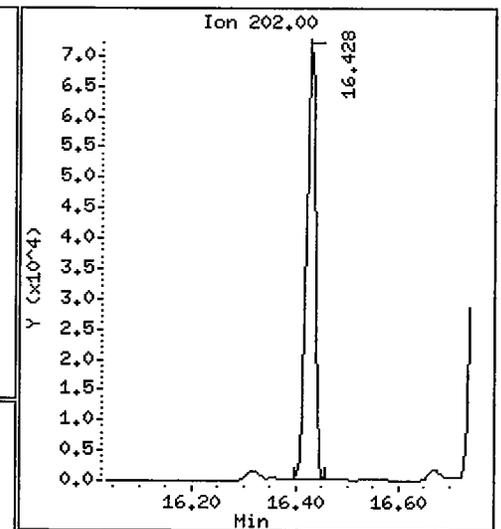
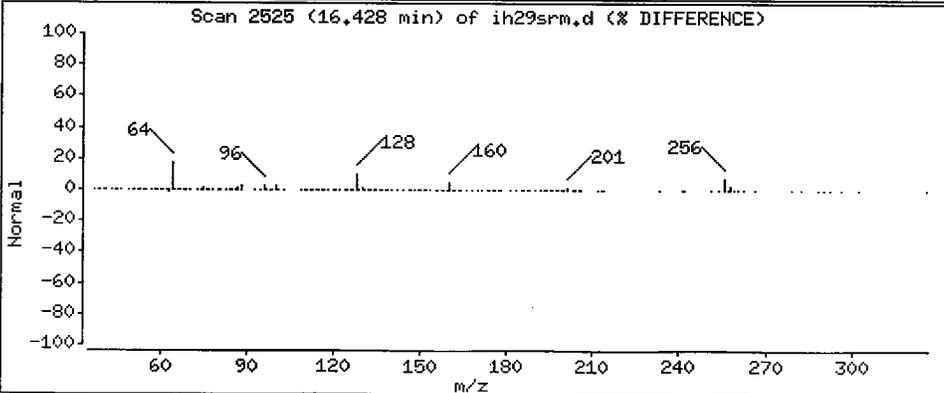
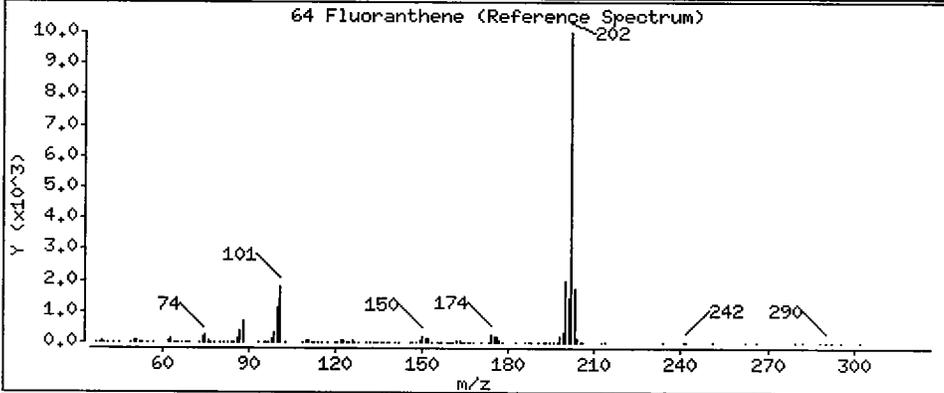
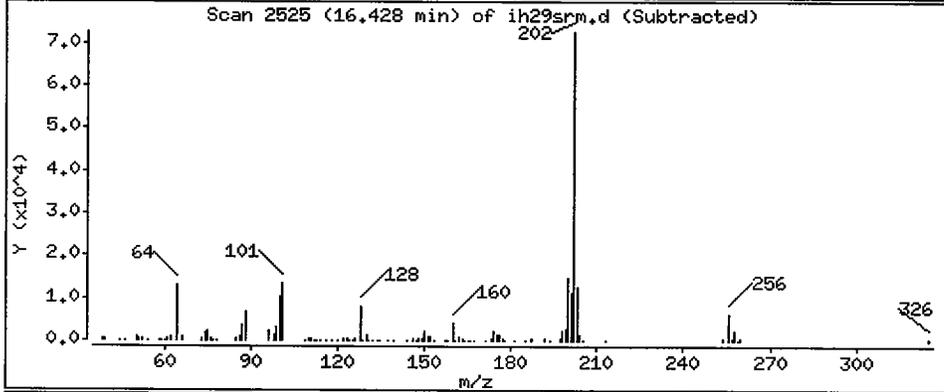
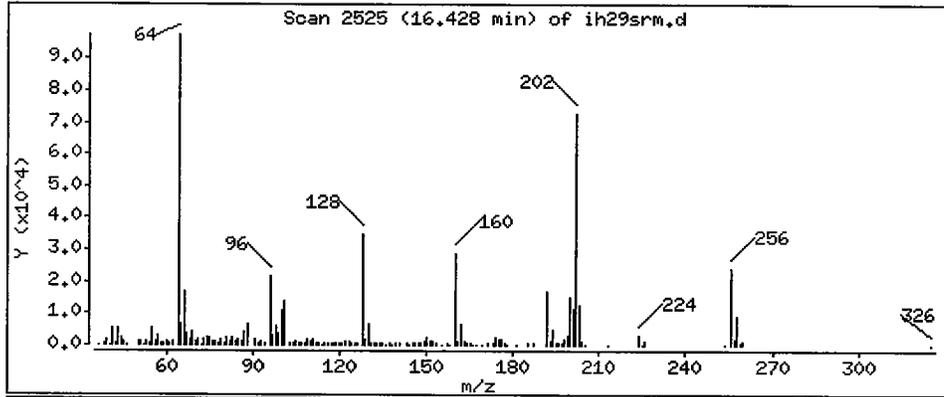
Operator: LJR/WS

Column phase: RTX-5

Column diameter: 0.32

64 Fluoranthene

Concentration: 111.4 ug/kg



Date : 29-JUL-2005 17:27

Client ID: SQ-1

Instrument: nt6.i

Sample Info: IH29SRM

Volume Injected (uL): 1.0

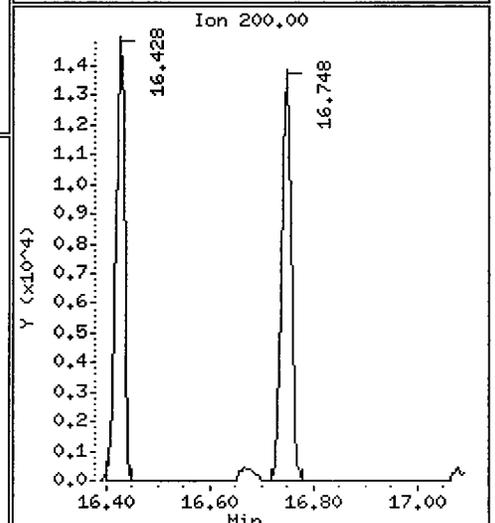
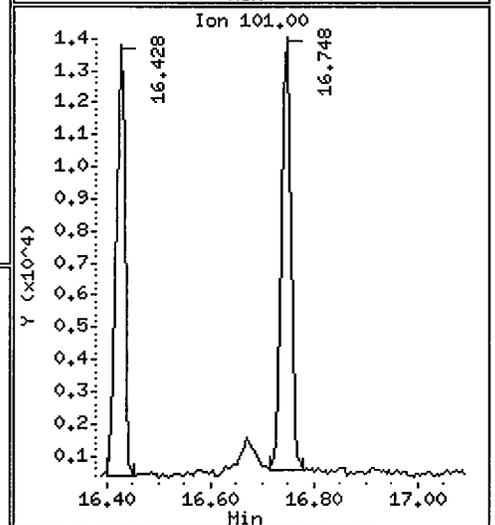
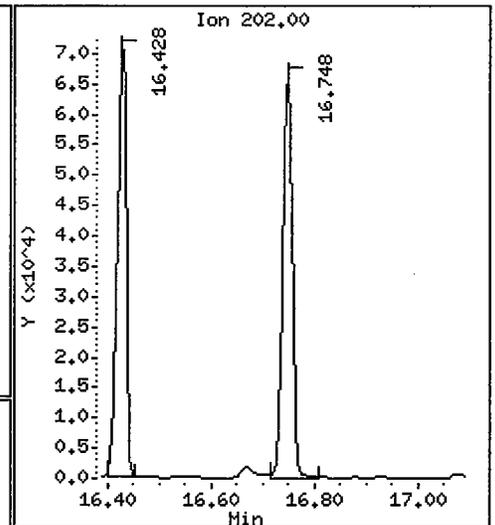
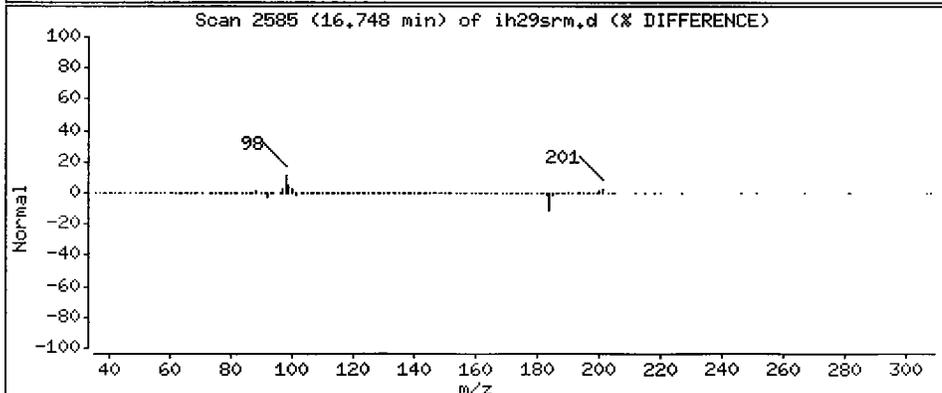
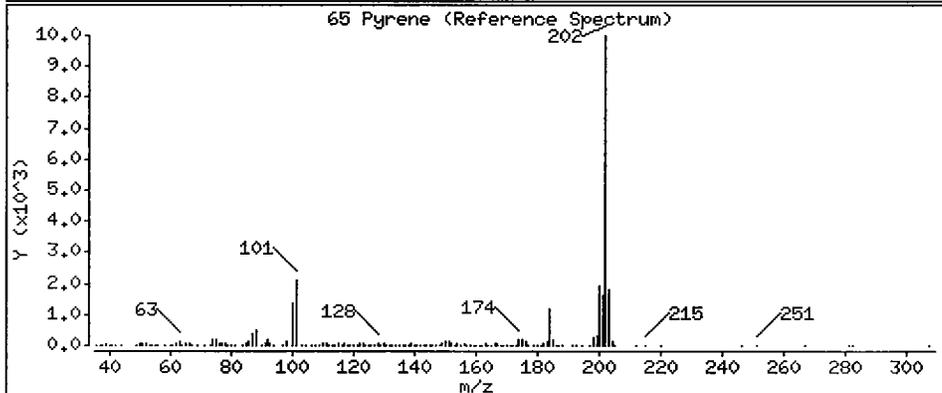
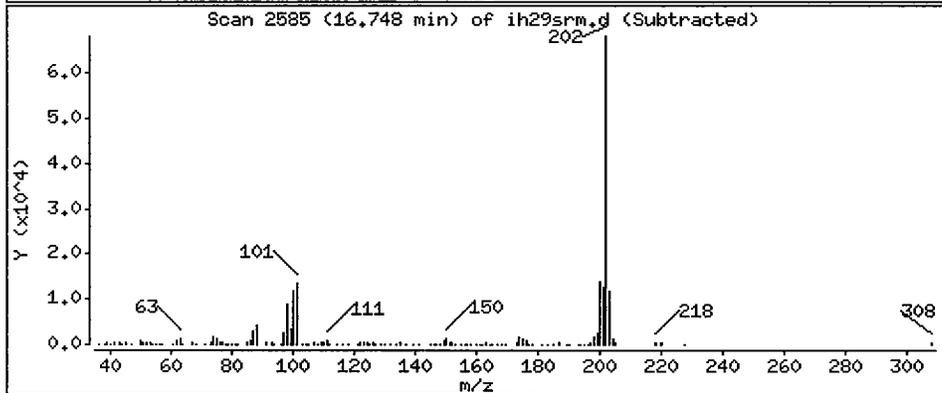
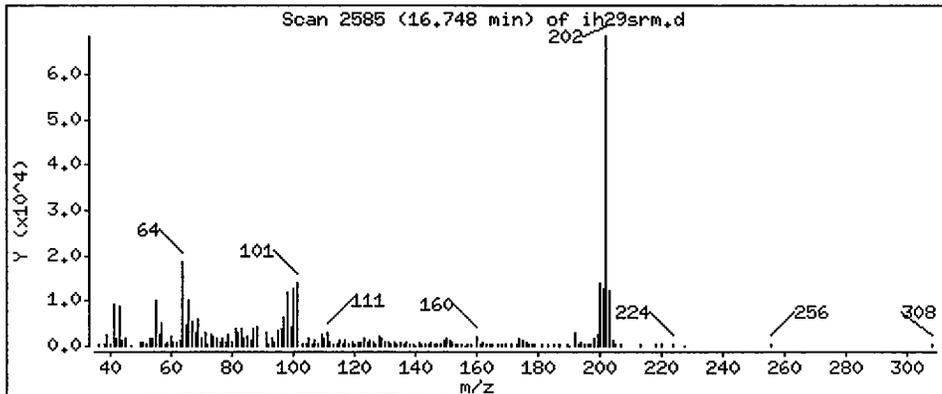
Operator: LJR/VS

Column phase: RTX-5

Column diameter: 0.32

65 Pyrene

Concentration: 109.3 ug/kg



Date : 29-JUL-2005 17:27

Client ID: SQ-1

Instrument: nt6.i

Sample Info: IH29SRM

Volume Injected (uL): 1.0

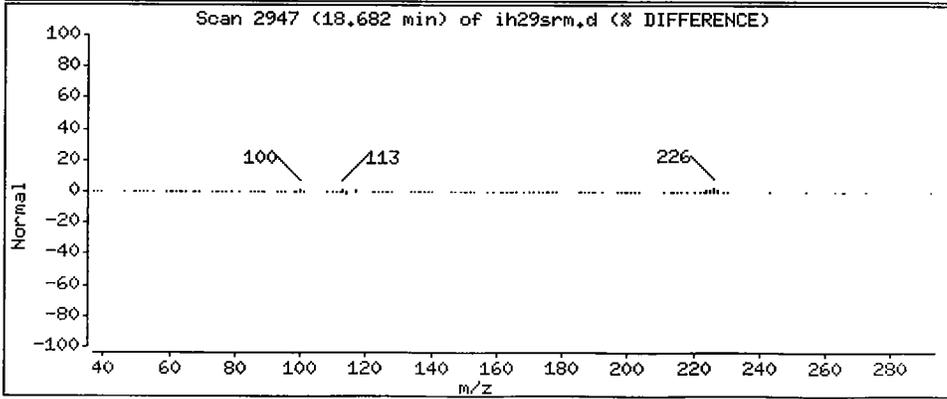
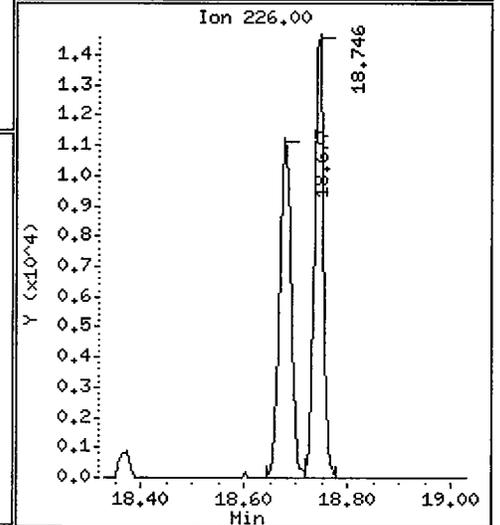
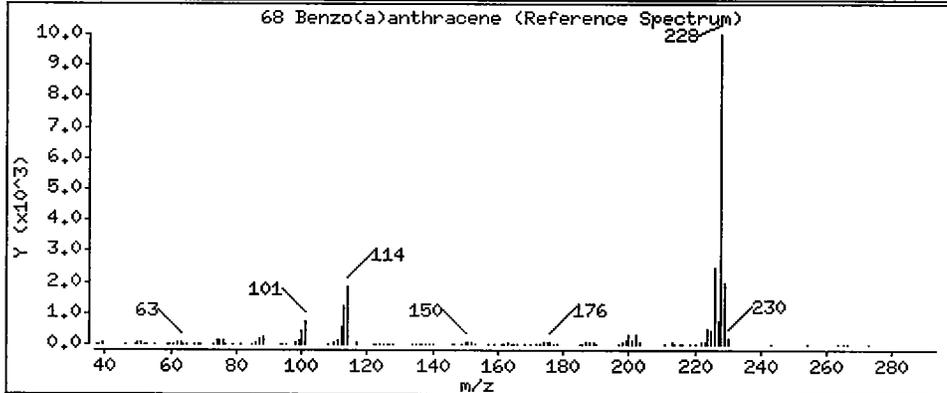
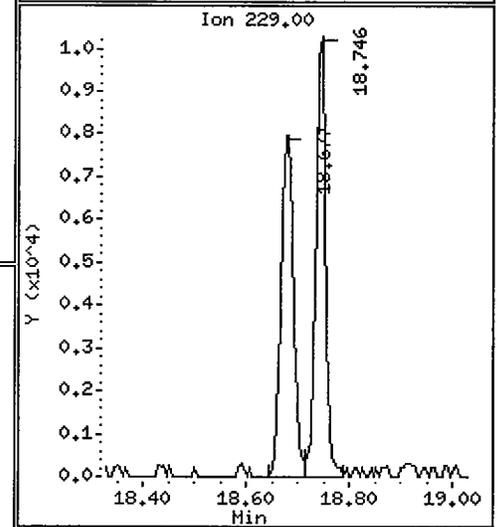
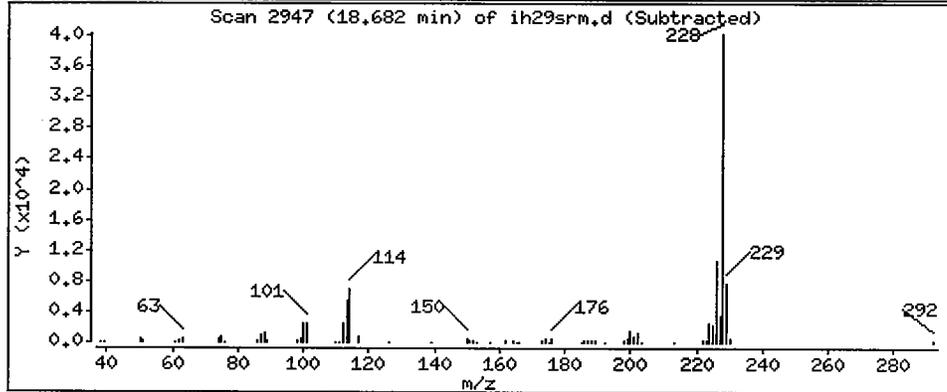
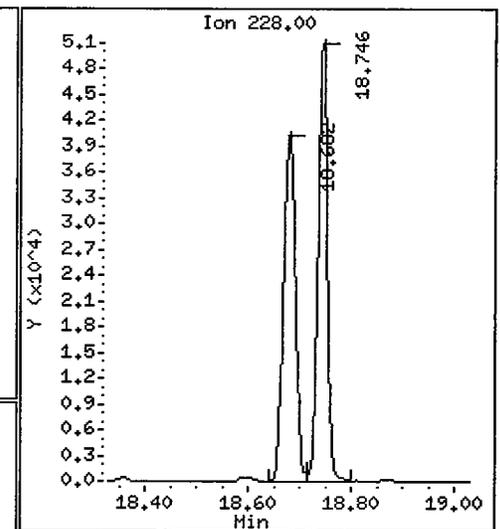
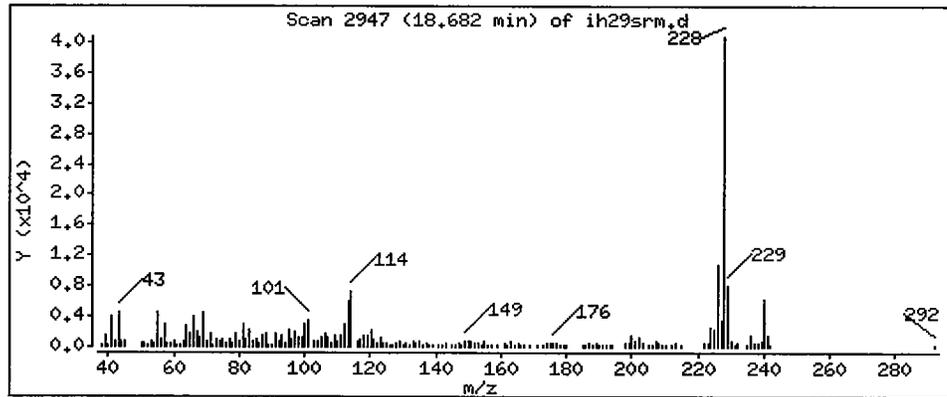
Operator: LJR/VS

Column phase: RTX-5

Column diameter: 0.32

68 Benzo(a)anthracene

Concentration: 93.62 ug/kg



Date : 29-JUL-2005 17:27

Client ID: SQ-1

Instrument: nt6.i

Sample Info: IH29SRH

Volume Injected (uL): 1.0

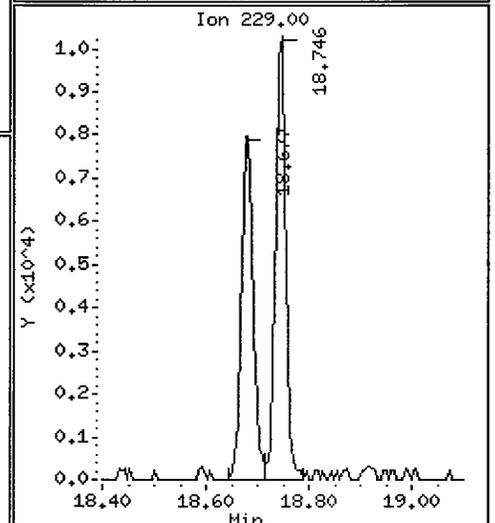
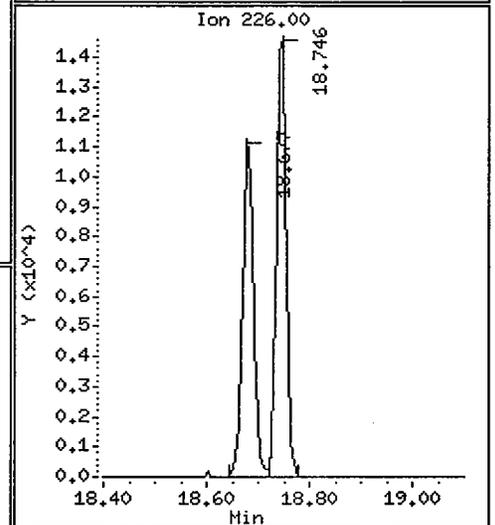
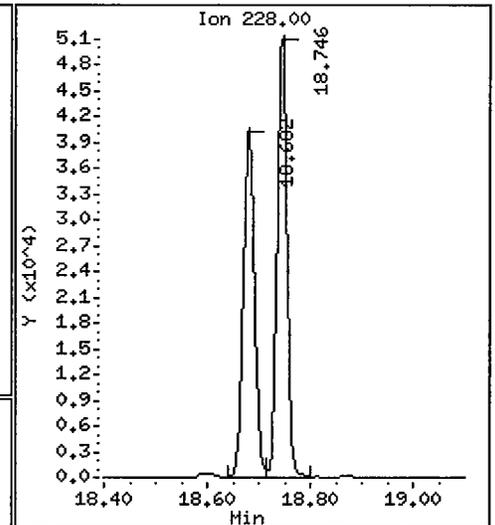
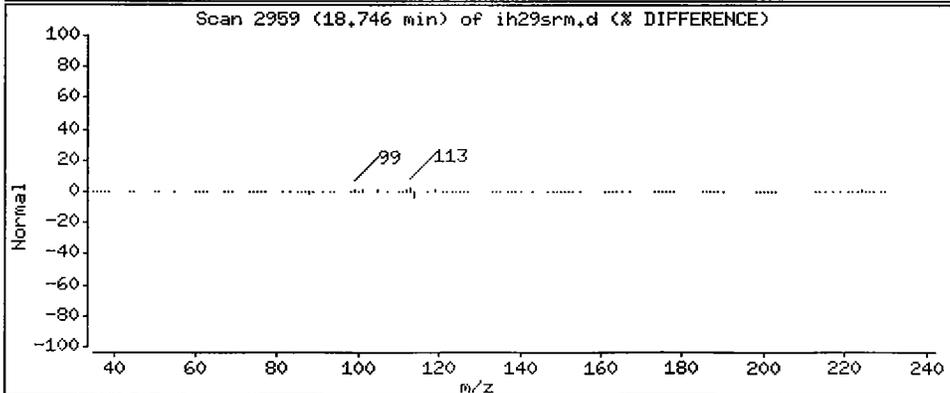
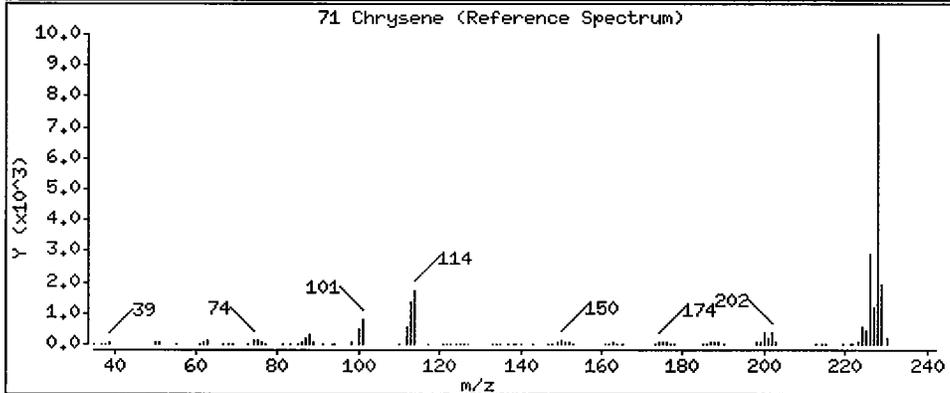
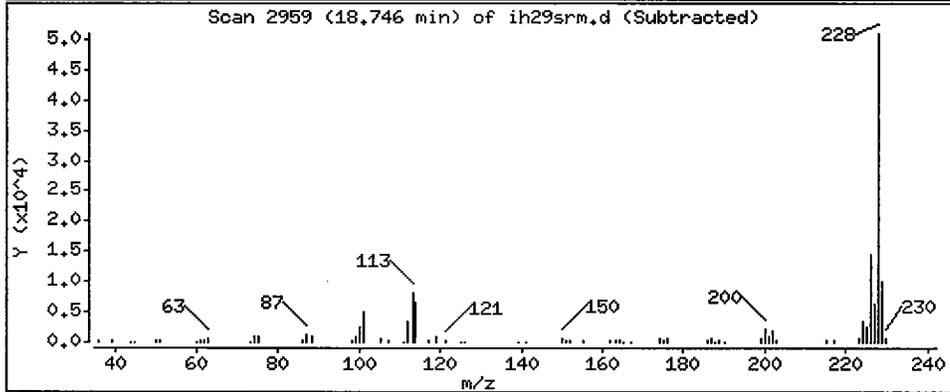
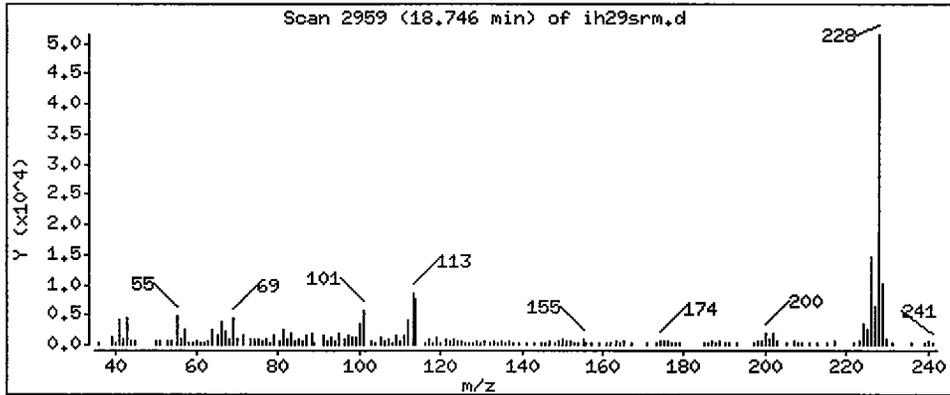
Operator: LJR/VS

Column phase: RTX-5

Column diameter: 0.32

71 Chrysene

Concentration: 100.3 ug/kg



Date : 29-JUL-2005 17:27

Client ID: SQ-1

Instrument: nt6.i

Sample Info: IH29SRM

Volume Injected (uL): 1.0

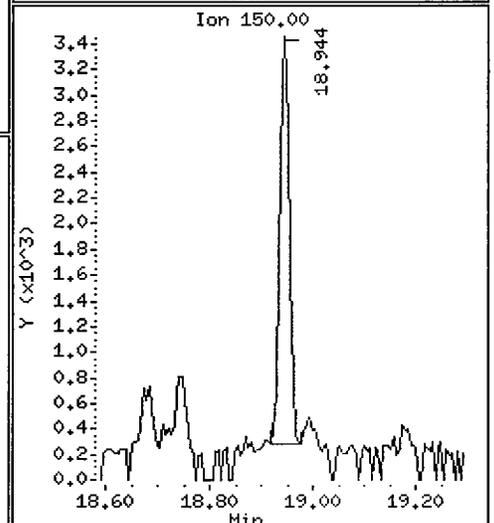
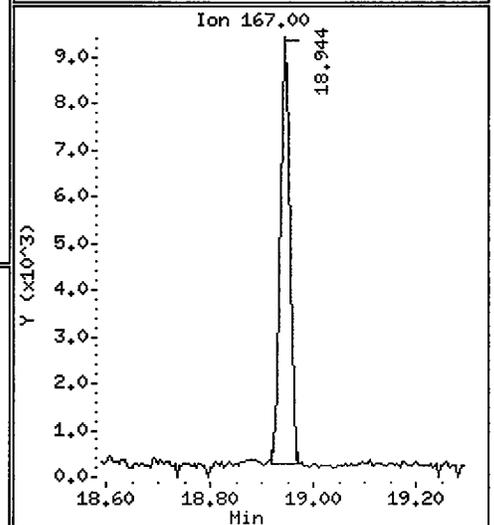
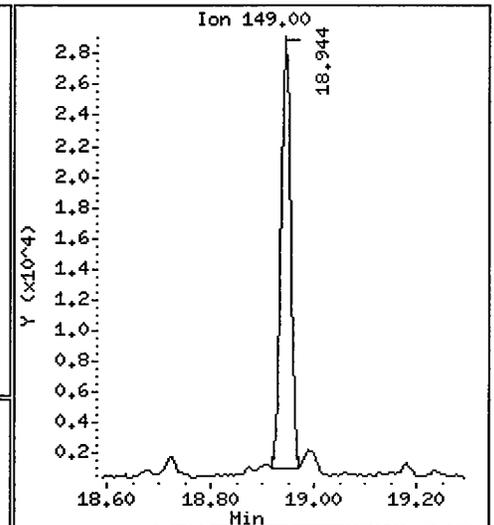
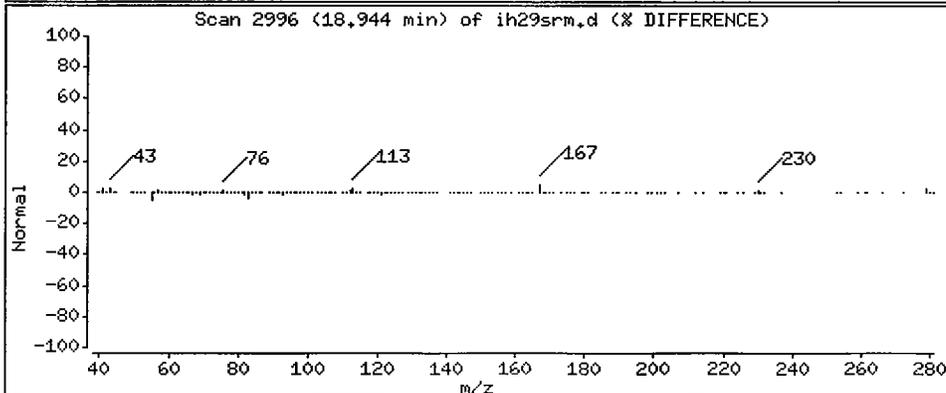
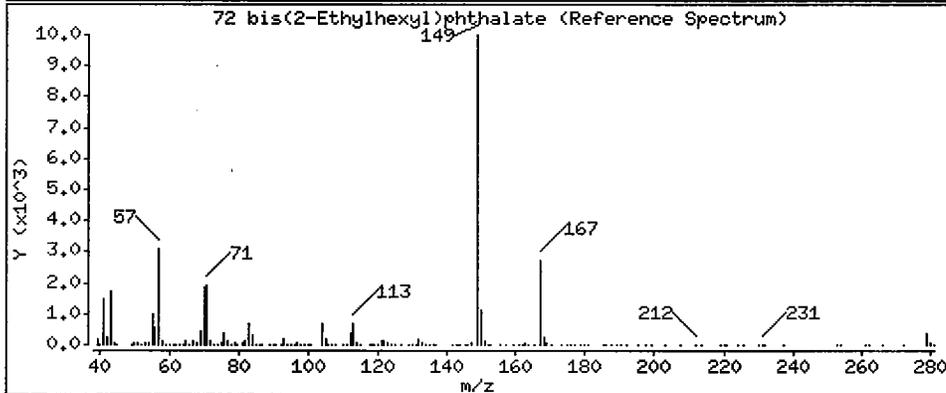
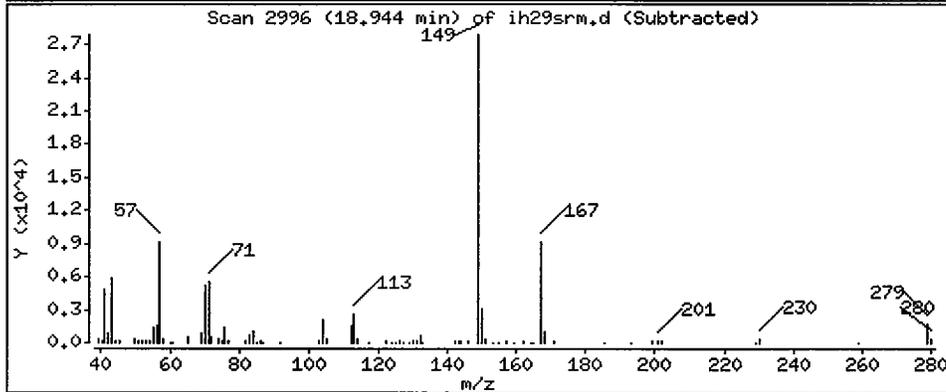
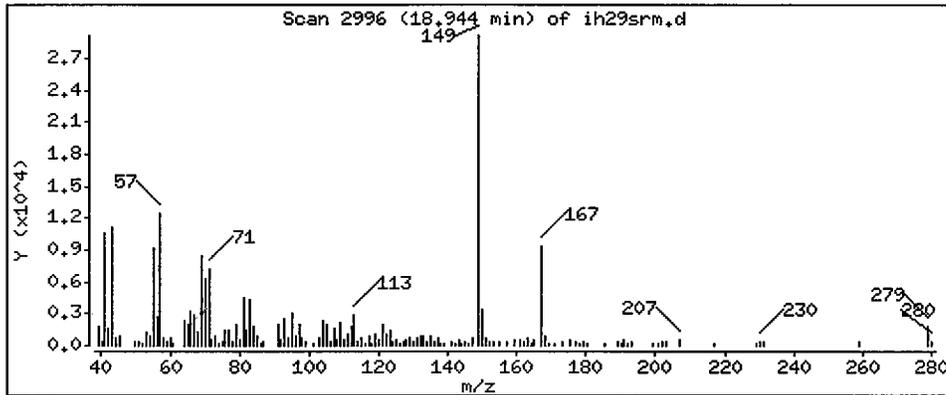
Operator: LJR/VS

Column phase: RTX-5

Column diameter: 0.32

72 bis(2-Ethylhexyl)phthalate

Concentration: 71.63 ug/kg



Date : 29-JUL-2005 17:27

Client ID: SQ-1

Instrument: nt6.i

Sample Info: IH29SRM

Volume Injected (uL): 1.0

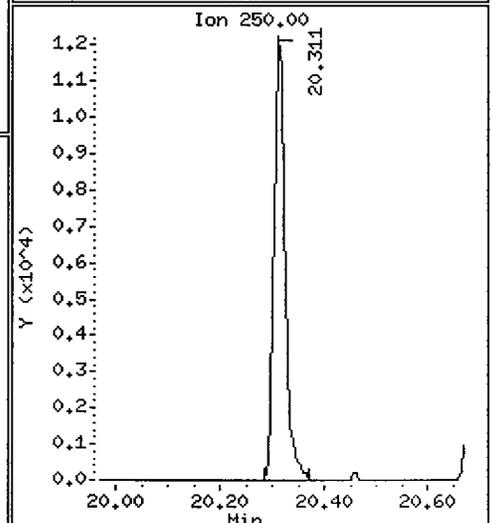
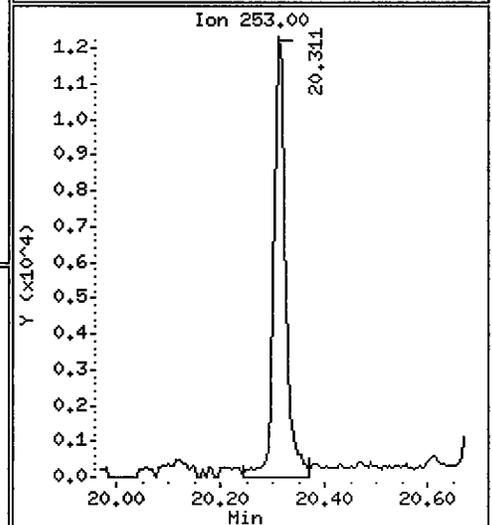
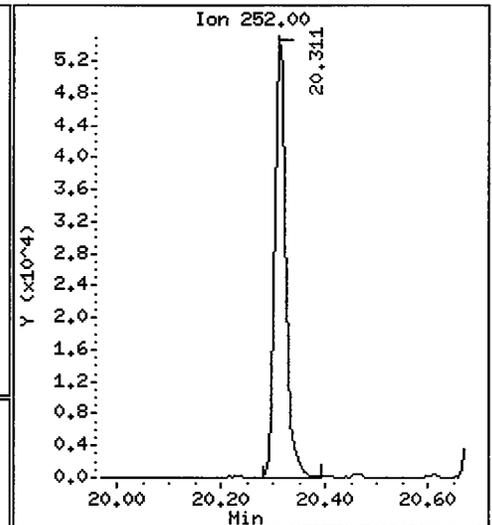
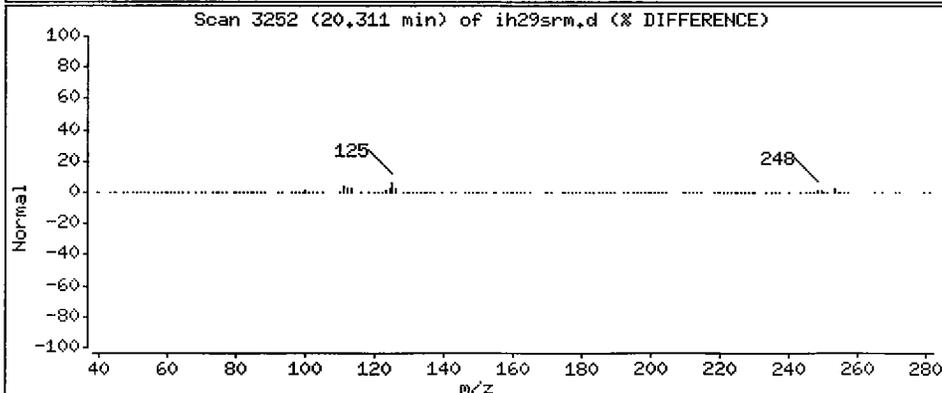
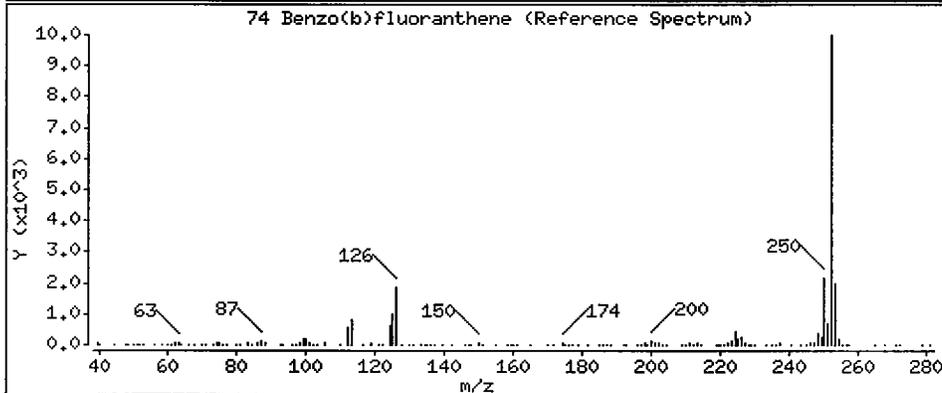
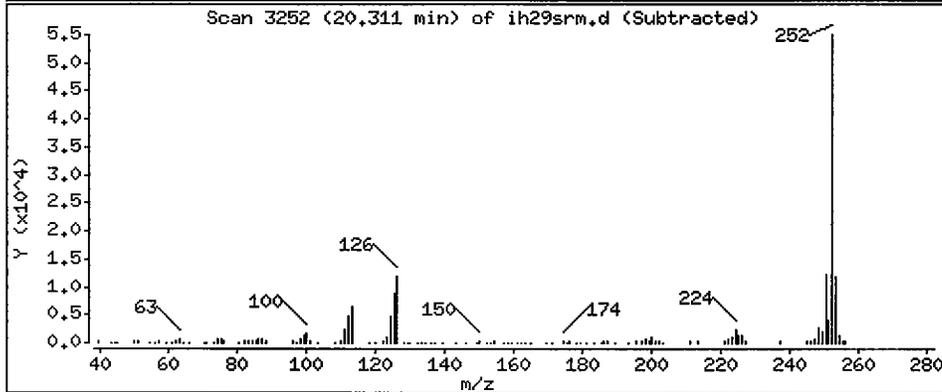
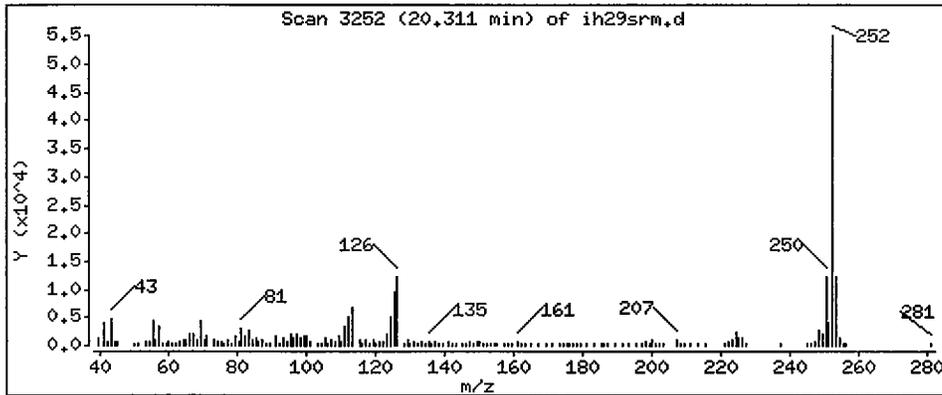
Operator: LJR/VS

Column phase: RTX-5

Column diameter: 0.32

74 Benzo(b)fluoranthene

Concentration: 107.4 ug/kg



Date: 29-JUL-2005 17:27

Client ID: SQ-1

Instrument: nt6.i

Sample Info: IH29SRM

Volume Injected (uL): 1.0

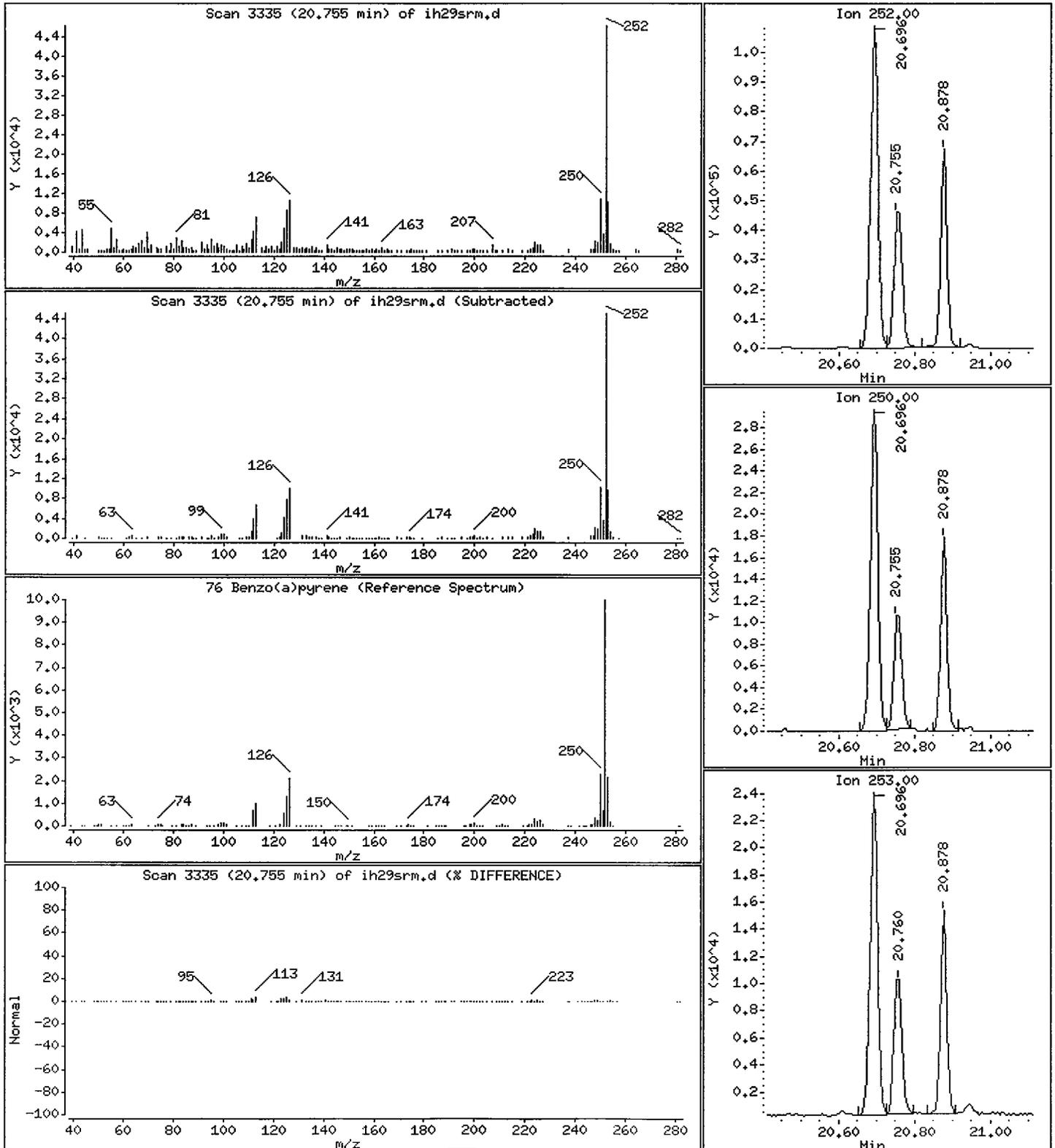
Operator: LJR/VS

Column phase: RTX-5

Column diameter: 0.32

76 Benzo(a)pyrene

Concentration: 100.5 ug/kg



Date : 29-JUL-2005 17:27

Client ID: SQ-1

Instrument: nt6,i

Sample Info: IH29SRM

Volume Injected (uL): 1.0

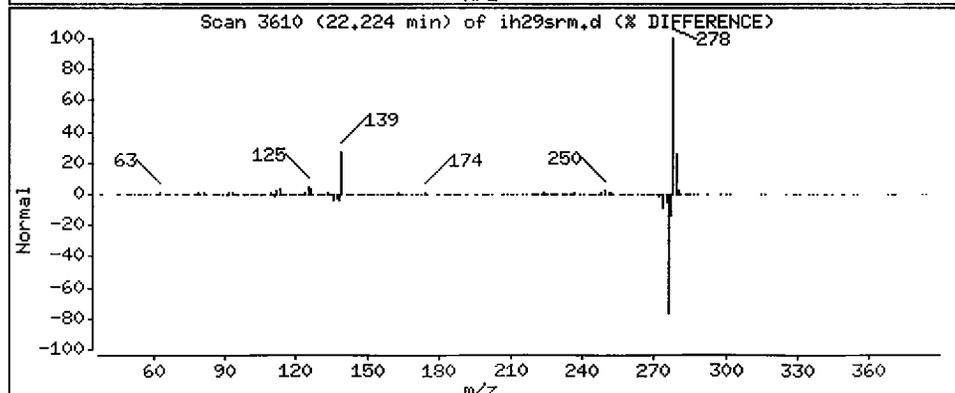
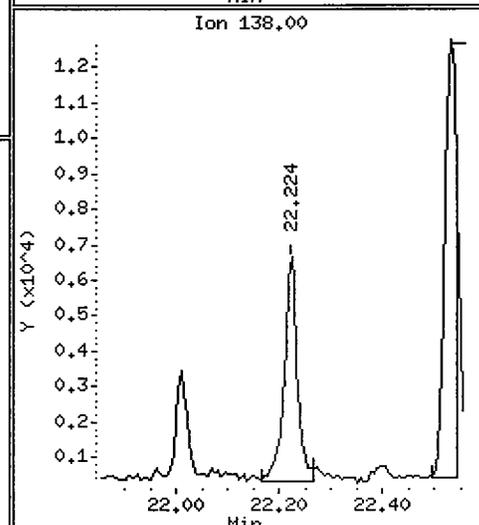
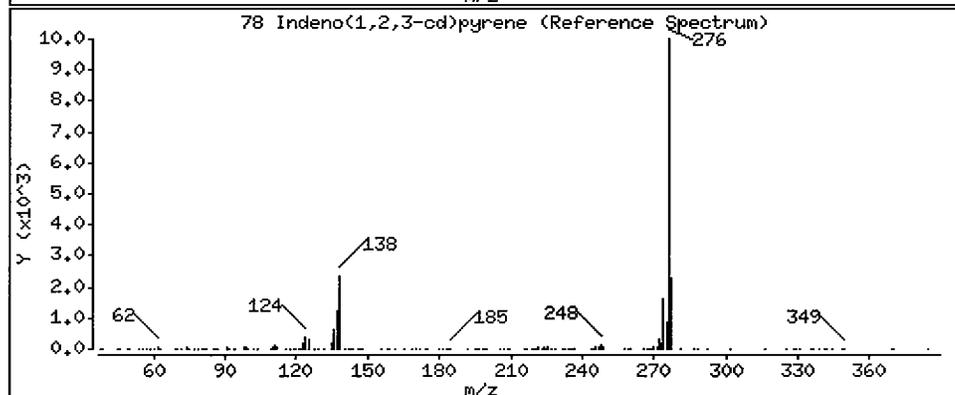
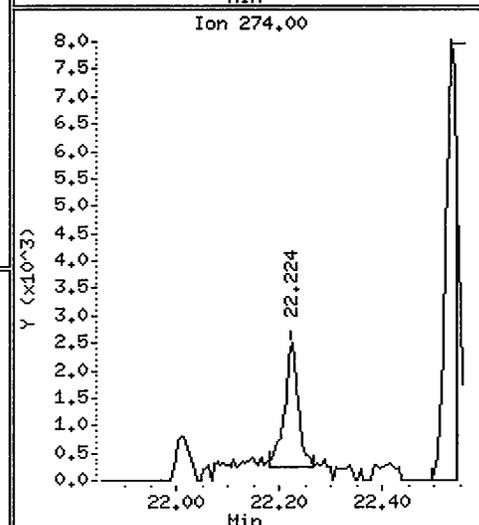
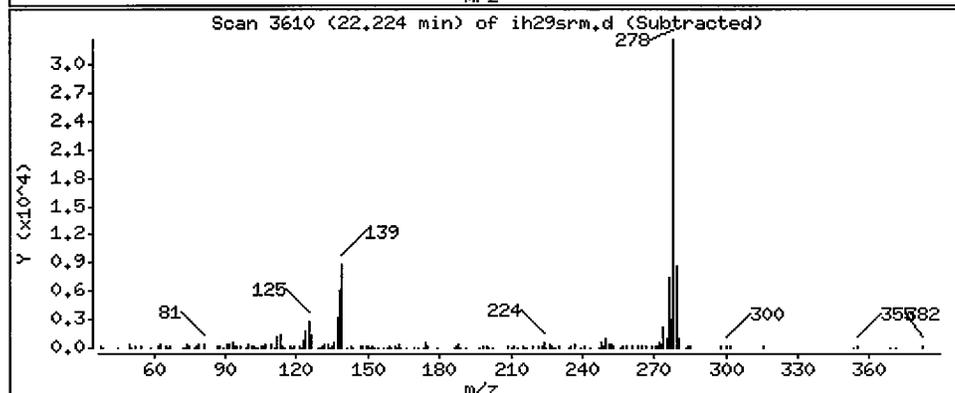
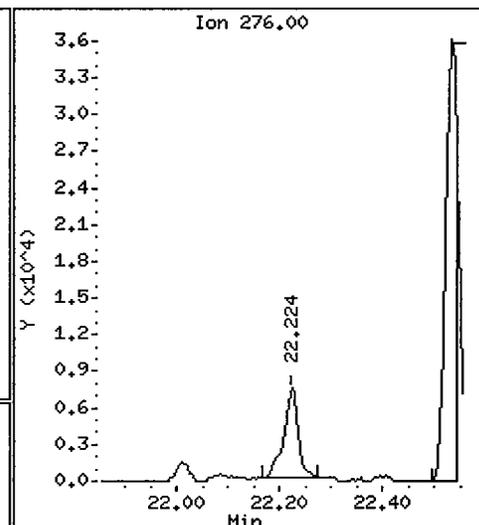
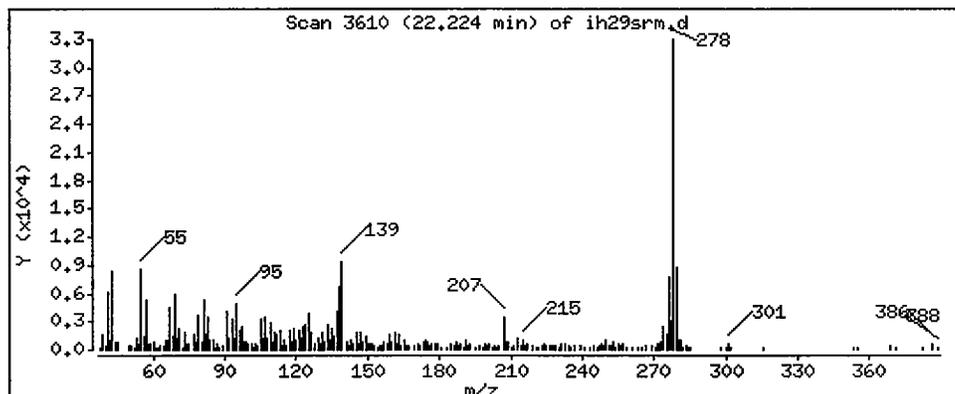
Operator: LJR/VS

Column phase: RTX-5

Column diameter: 0.32

78 Indeno(1,2,3-cd)pyrene

Concentration: 21.59 ug/kg



Date : 29-JUL-2005 17:27

Client ID: SQ-1

Instrument: nt6.i

Sample Info: IH29SRM

Volume Injected (uL): 1.0

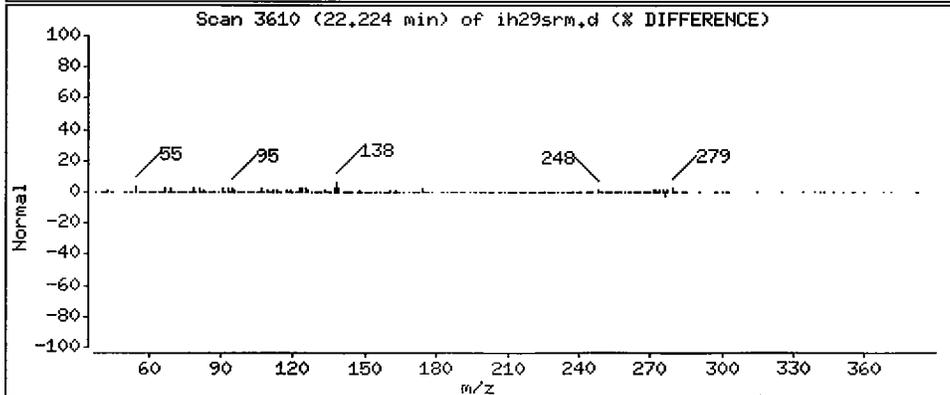
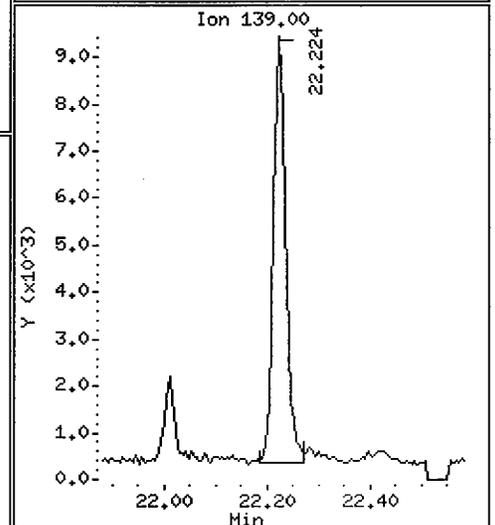
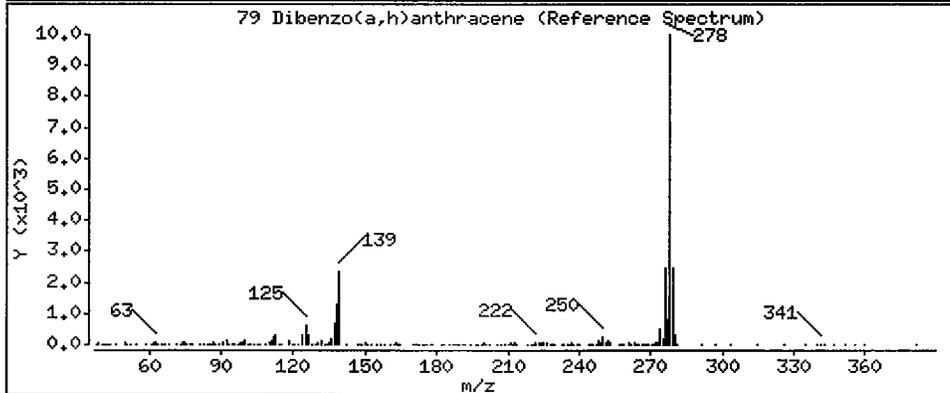
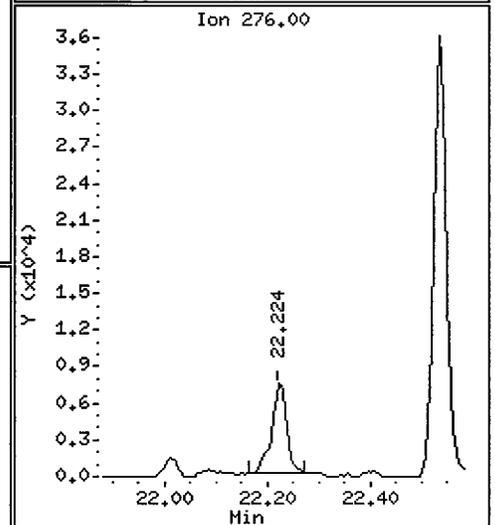
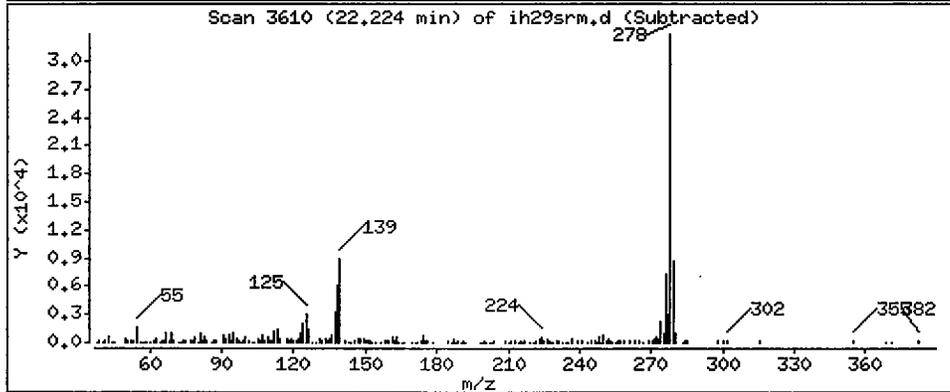
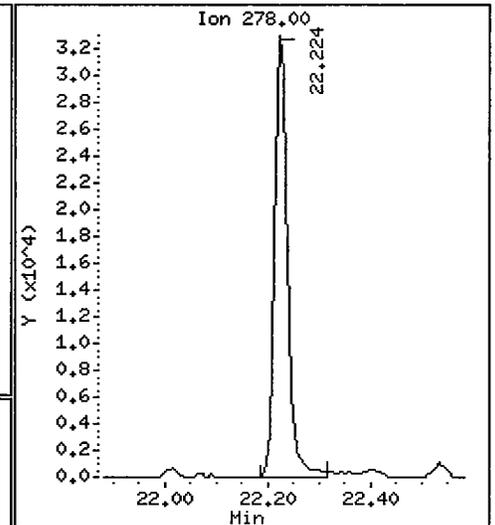
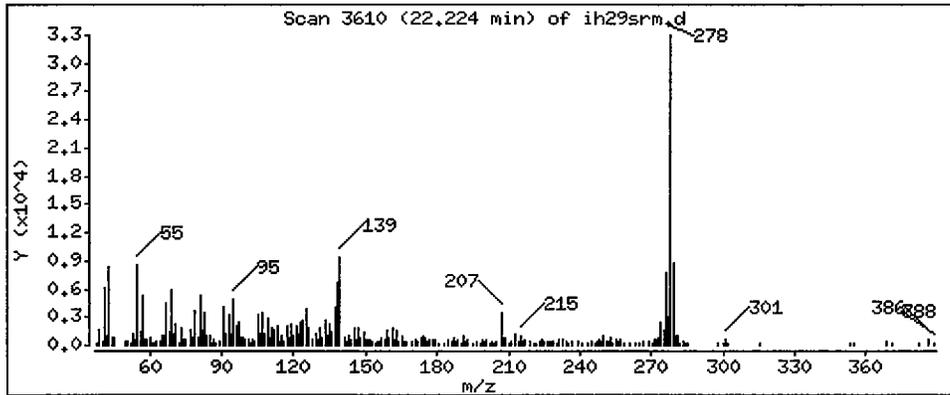
Operator: LJR/VS

Column phase: RTX-5

Column diameter: 0.32

79 Dibenzo(a,h)anthracene

Concentration: 101.5 ug/kg



Date : 29-JUL-2005 17:27

Client ID: SQ-1

Instrument: nt6.i

Sample Info: IH29SRM

Volume Injected (uL): 1.0

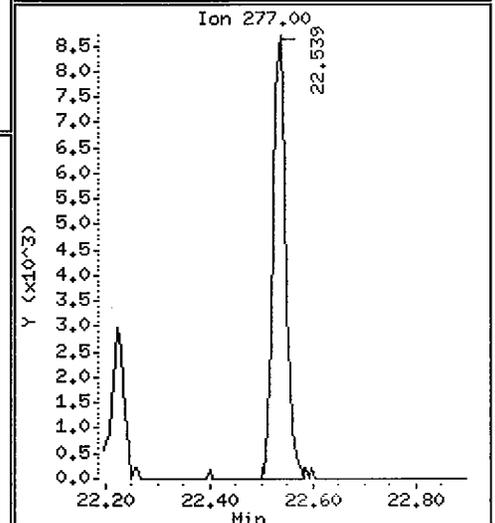
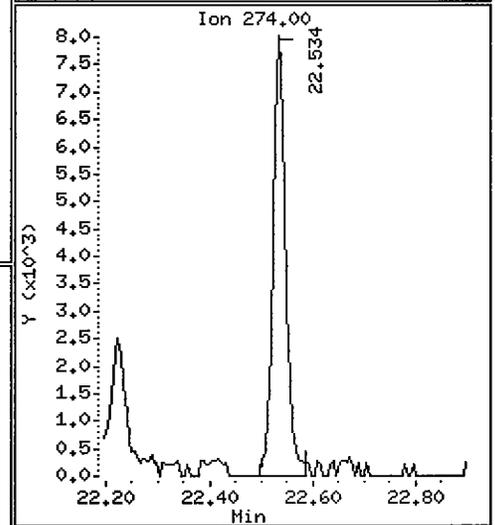
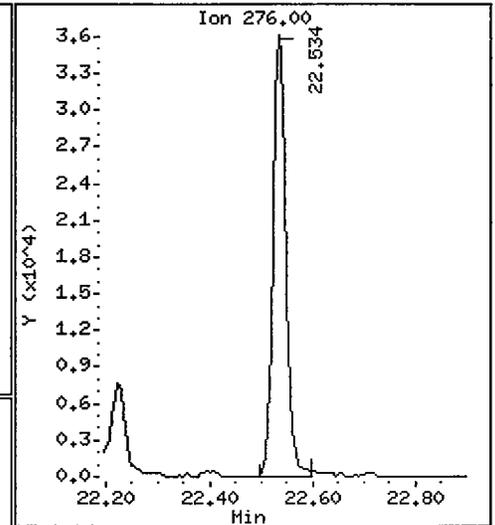
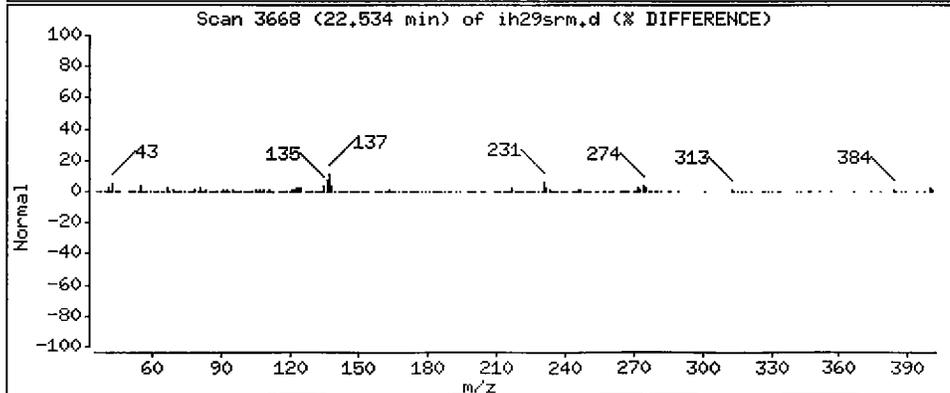
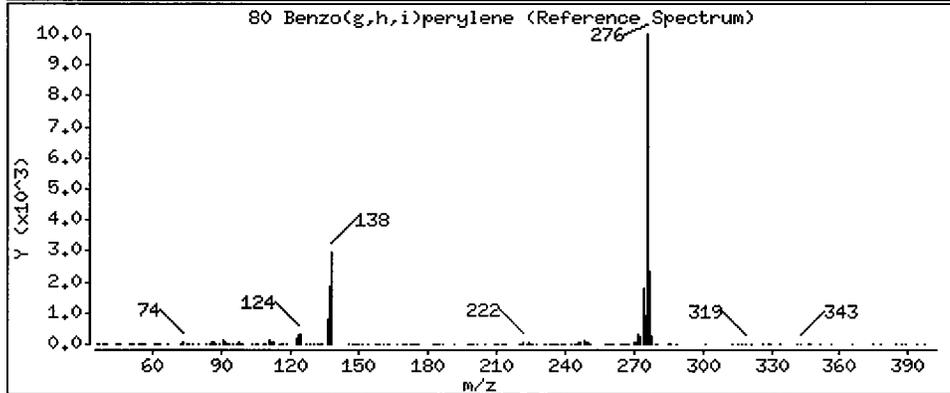
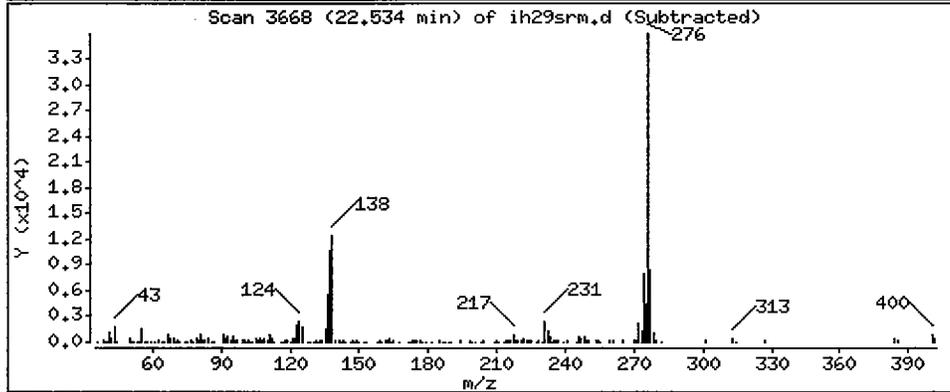
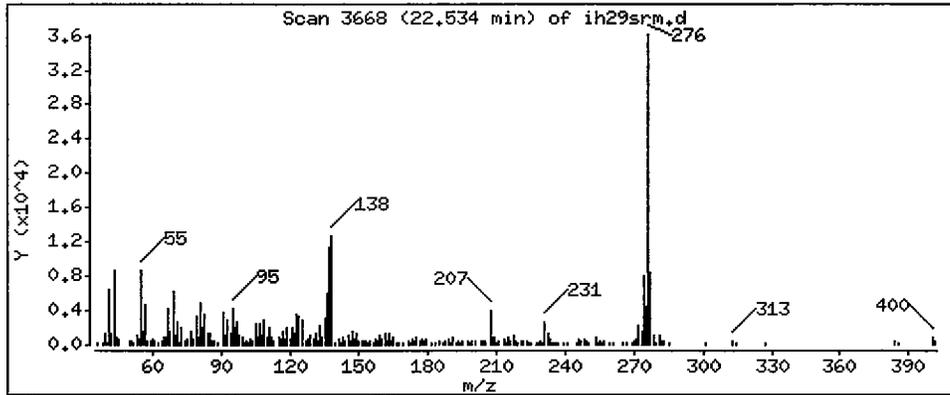
Operator: LJR/VS

Column phase: RTX-5

Column diameter: 0.32

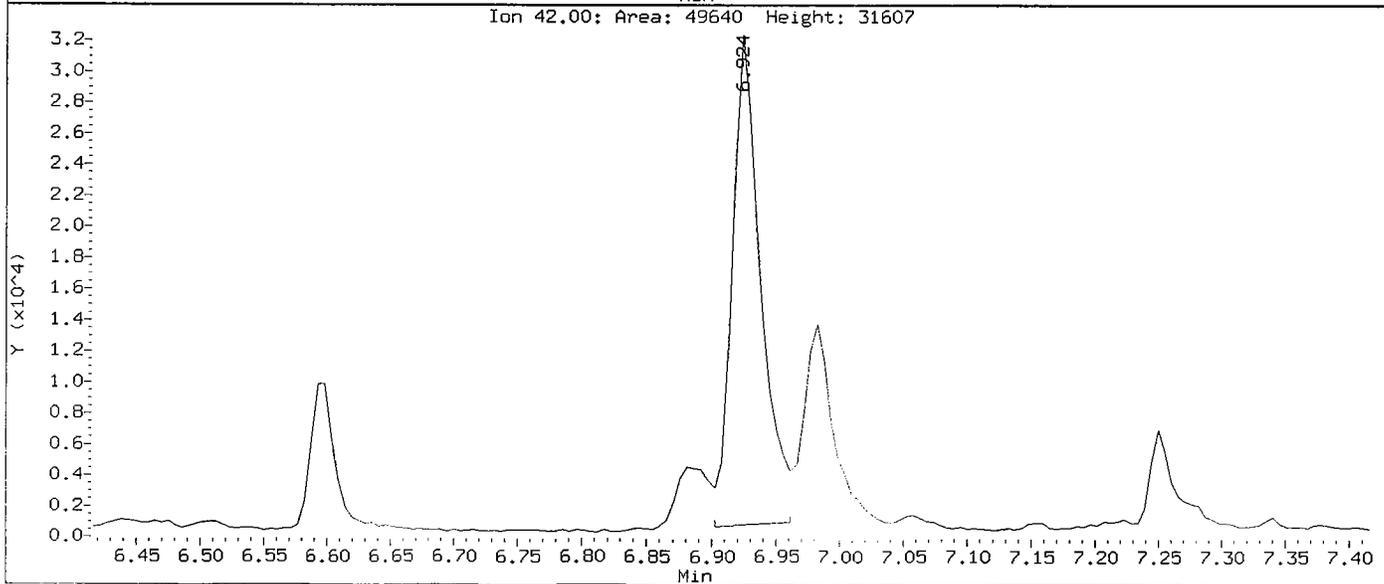
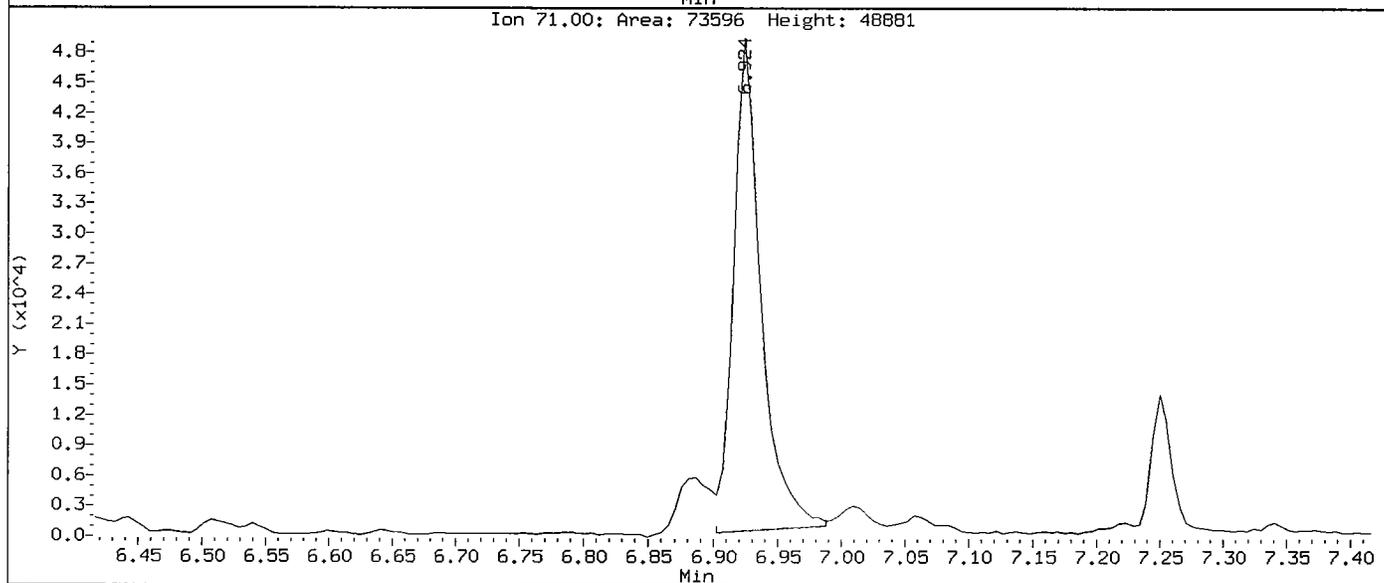
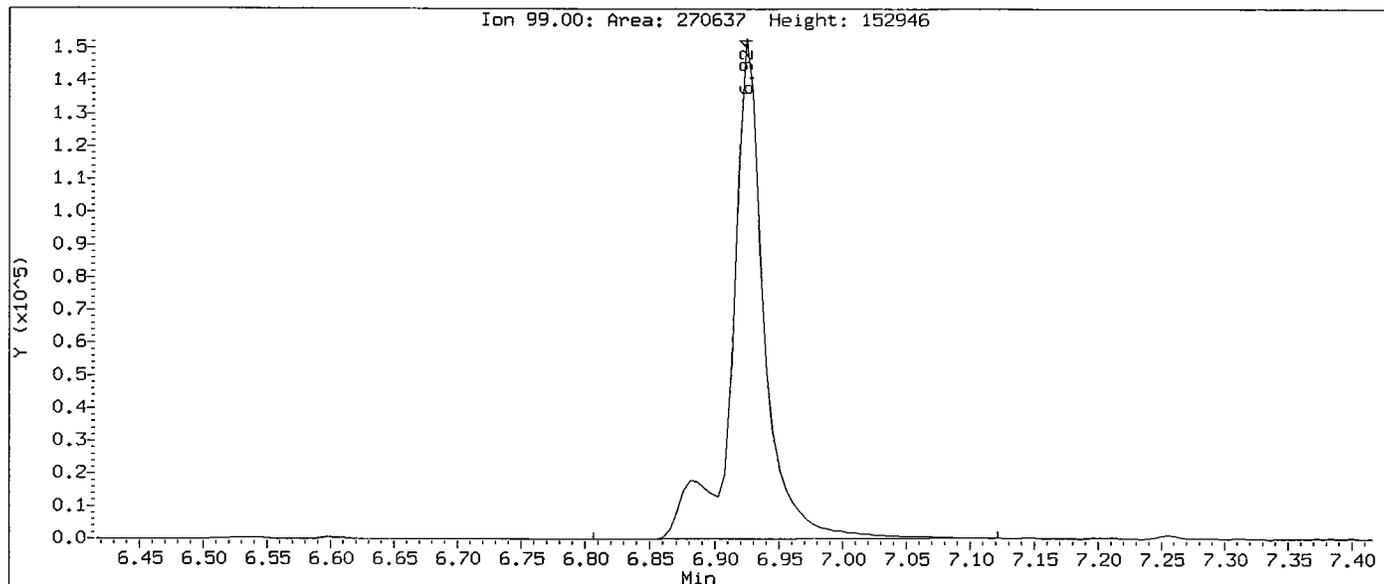
80 Benzo(g,h,i)perylene

Concentration: 102.0 ug/kg



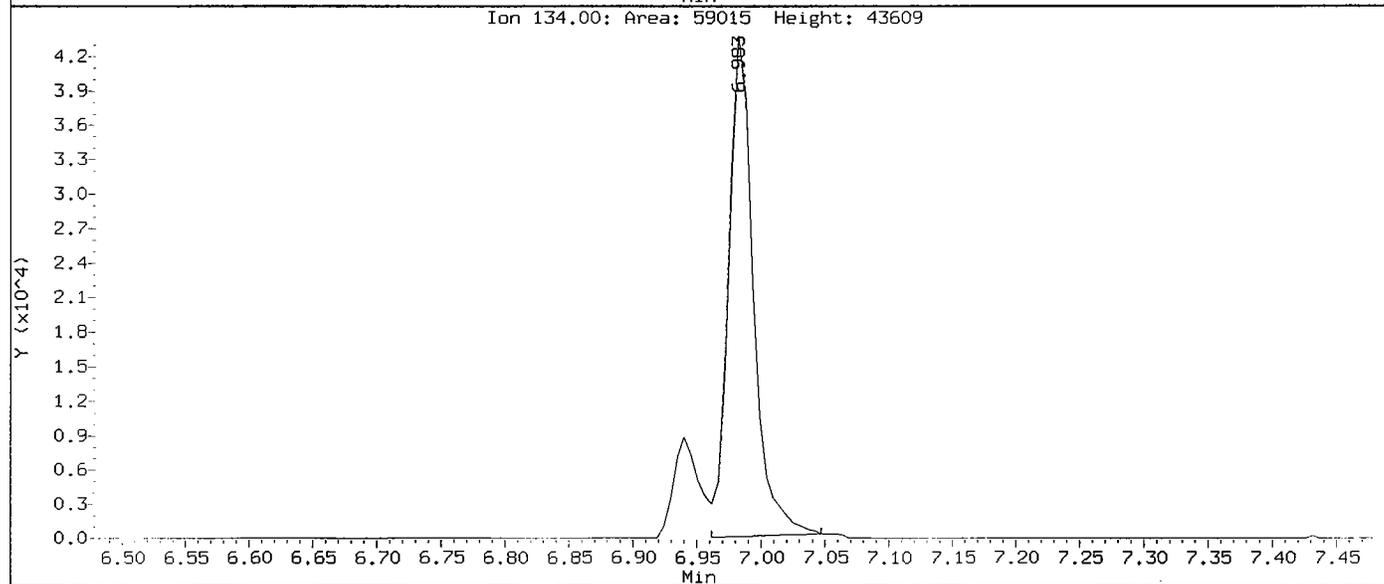
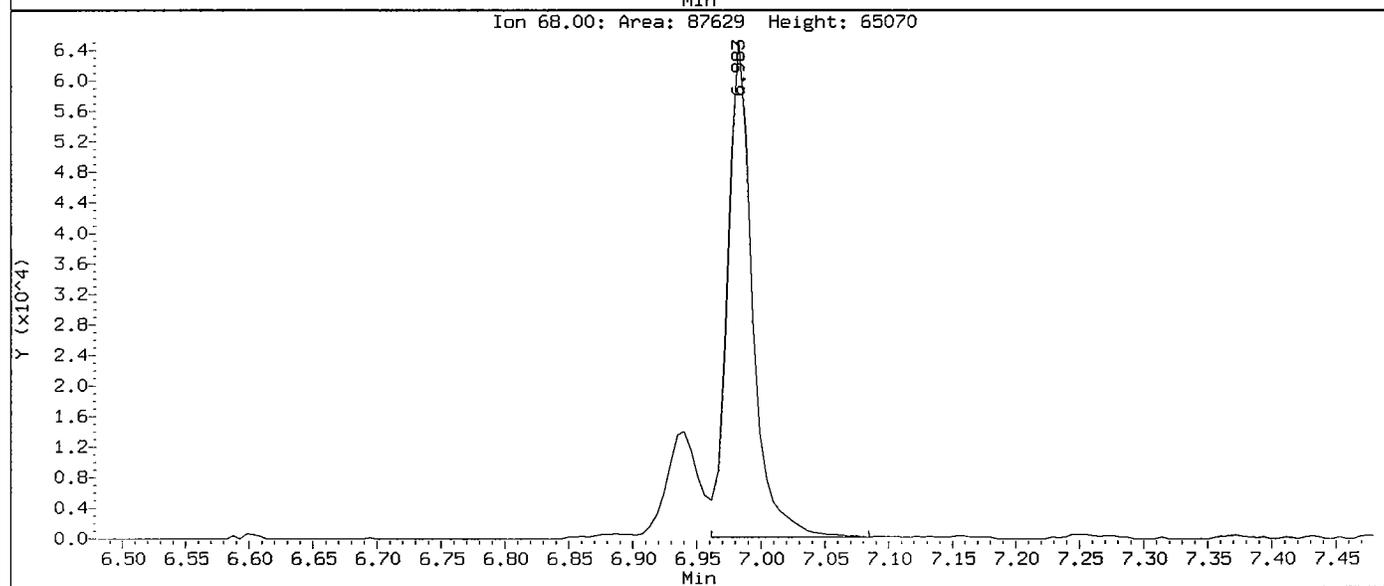
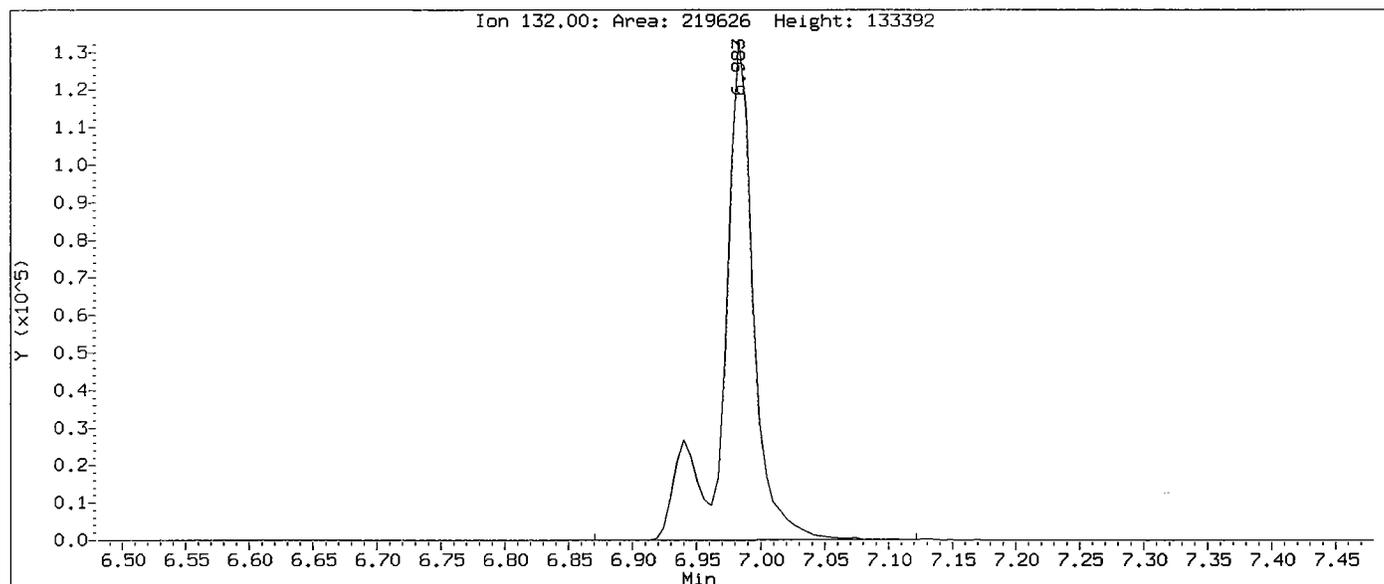
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Injection Date: 29-JUL-2005 17:27
Instrument: nt6.i
Client Sample ID: SQ-1

Compound: Phenol-d5
CAS Number:



Data File: /chem1/nt6.i/20050729.b/ih29srm.d
Injection Date: 29-JUL-2005 17:27
Instrument: nt6.i
Client Sample ID: SQ-1

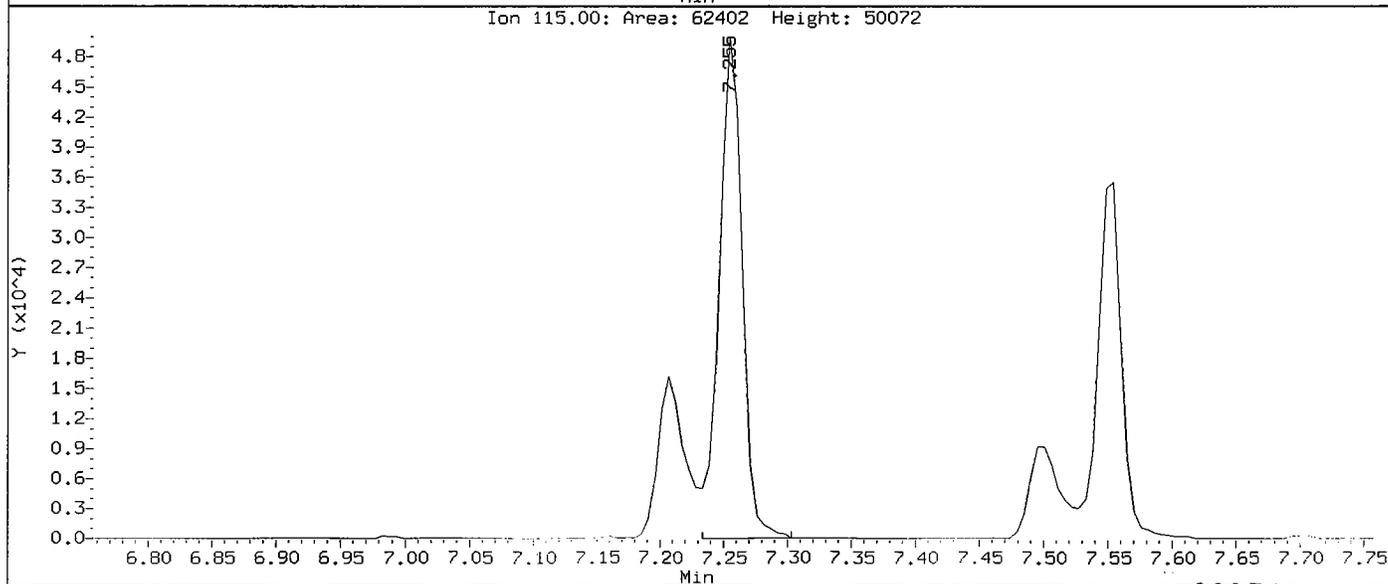
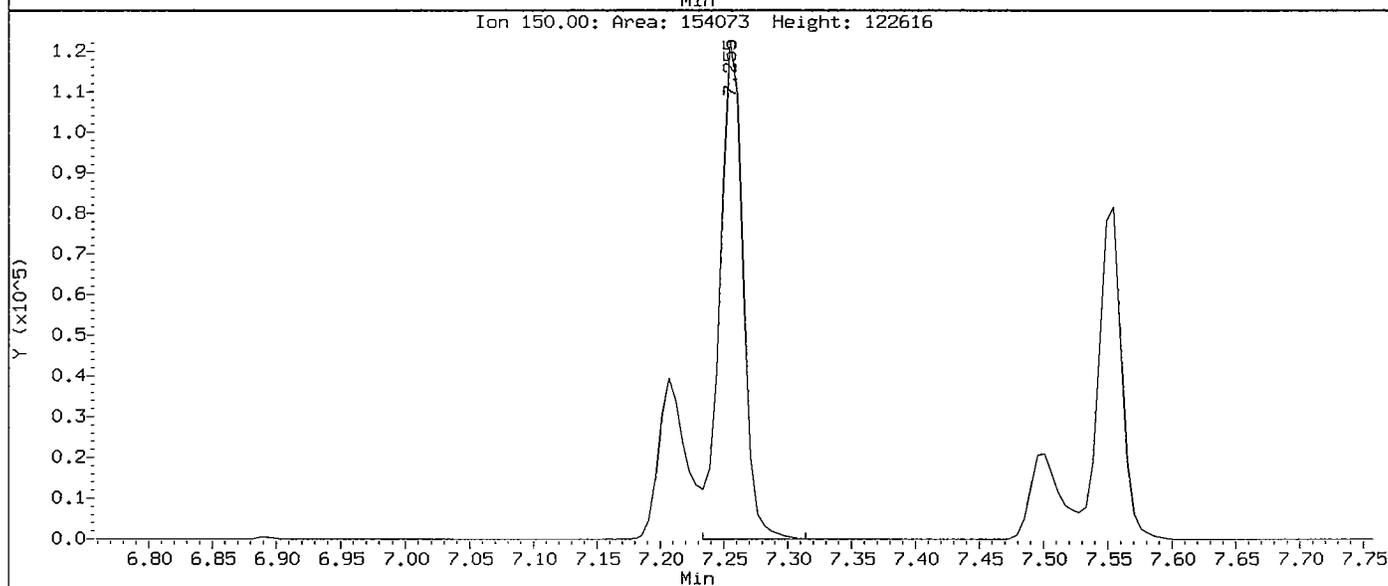
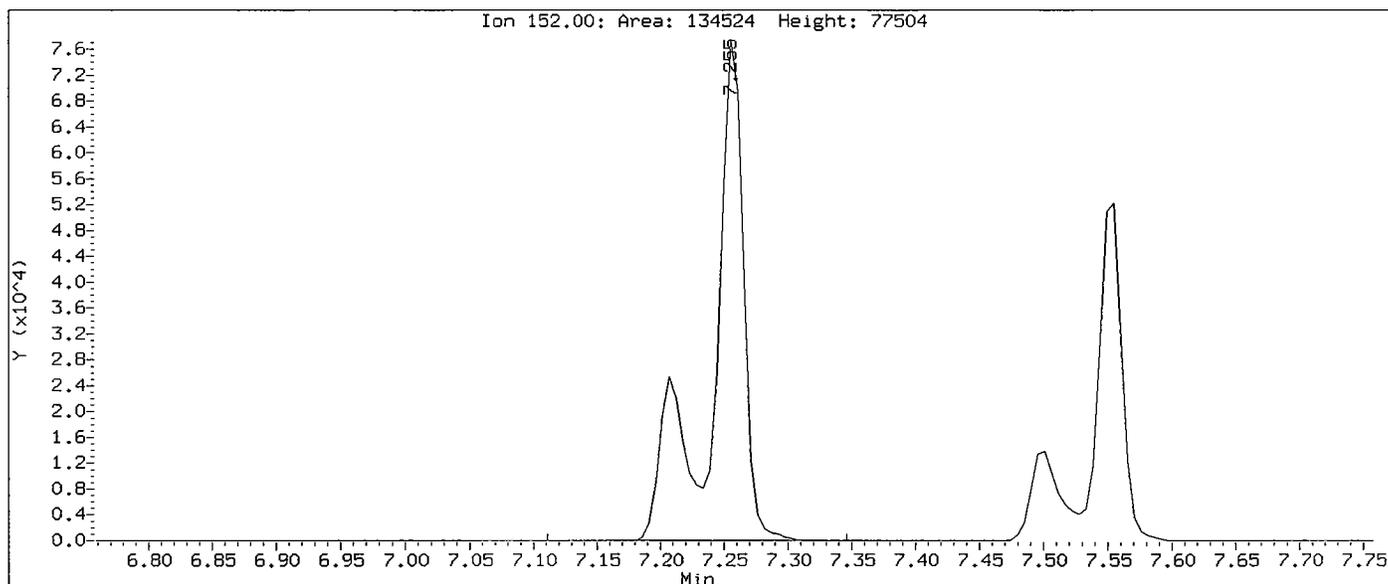
Compound: 2-Chlorophenol-d4
CAS Number:



000544

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Injection Date: 29-JUL-2005 17:27
Instrument: nt6.i
Client Sample ID: SQ-1

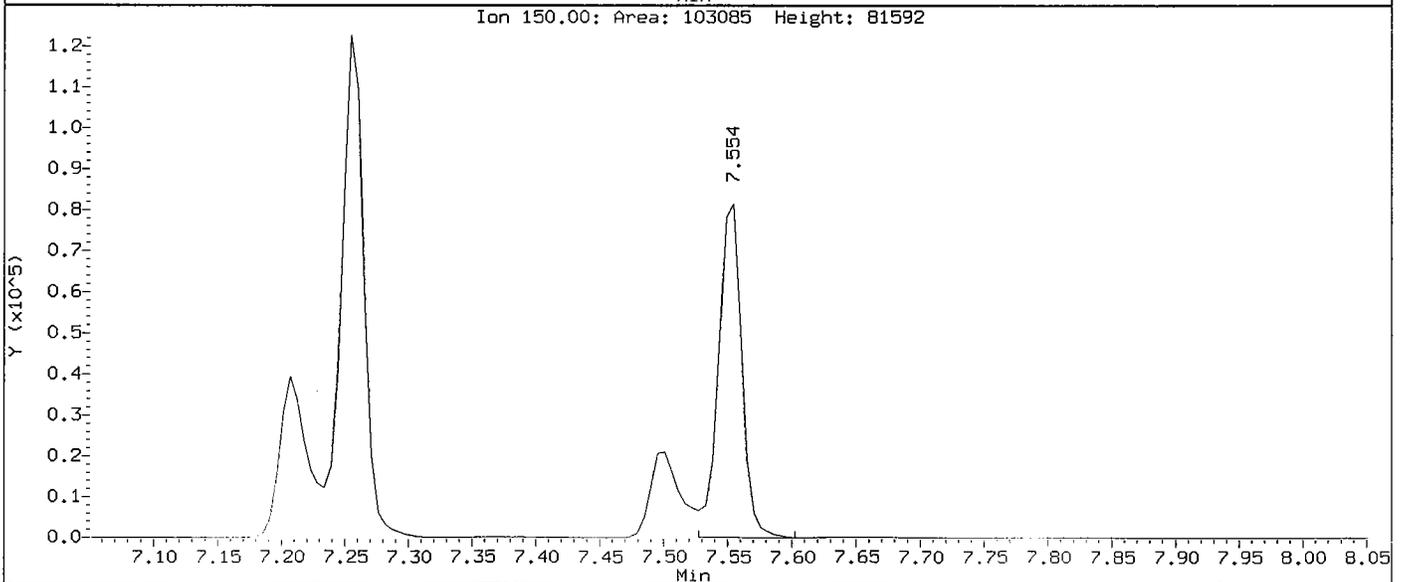
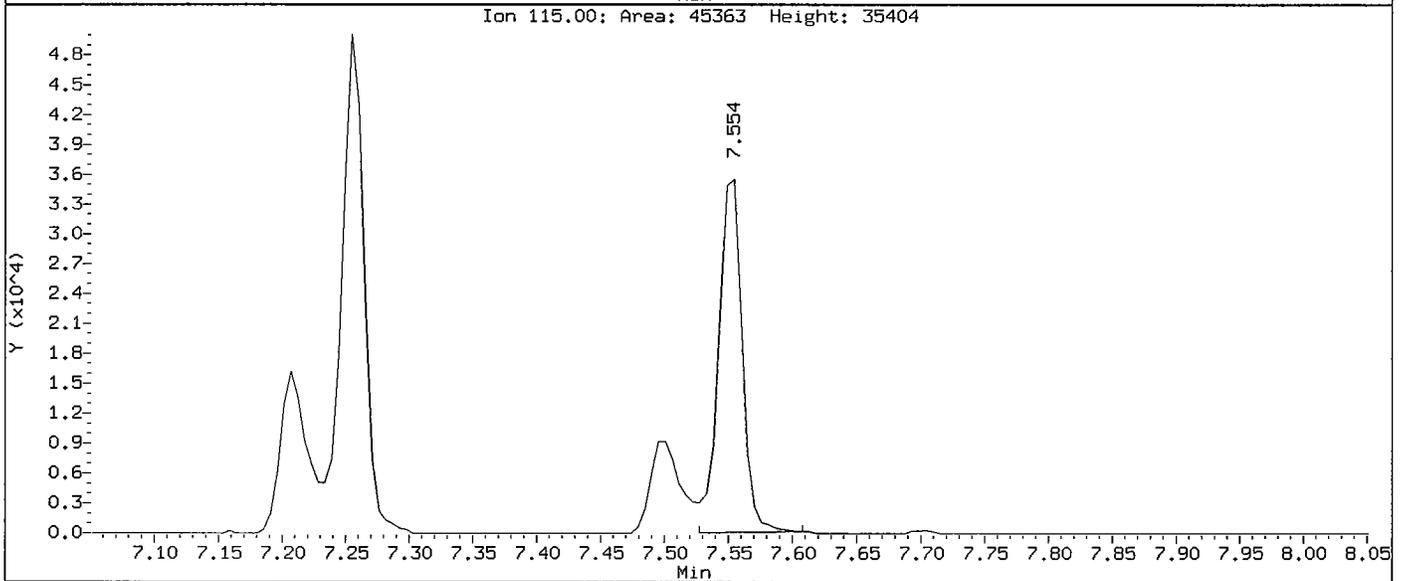
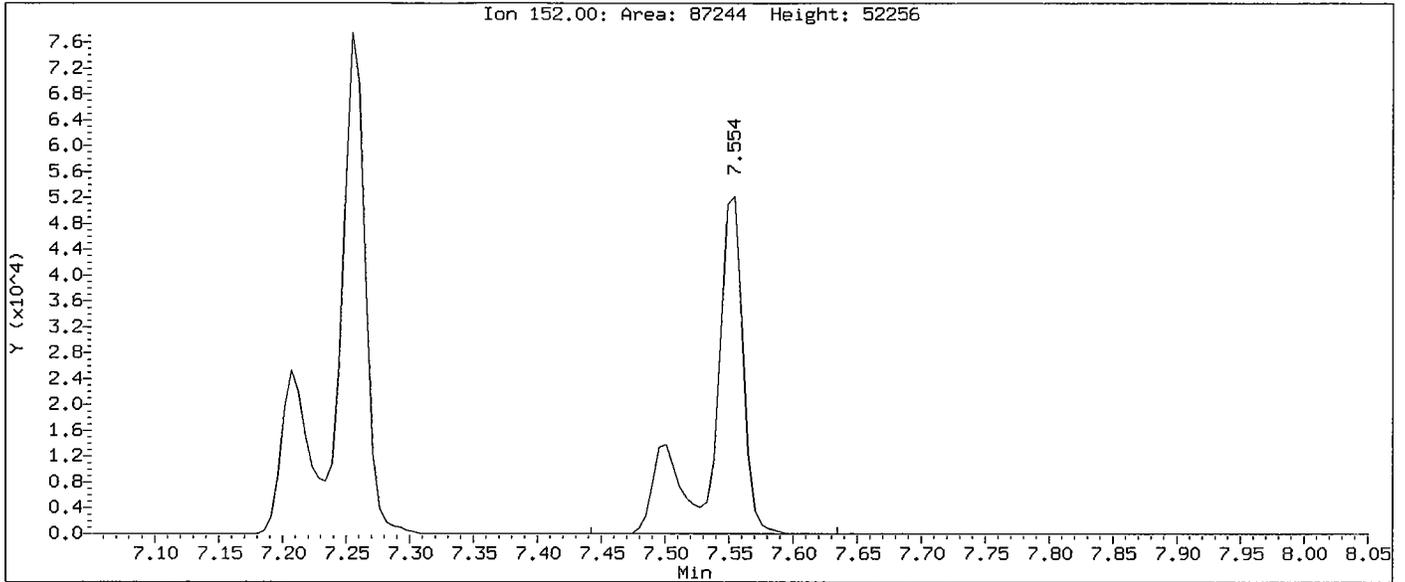
Compound: 1,4-Dichlorobenzene-d4
CAS Number: 3855-82-1



000545

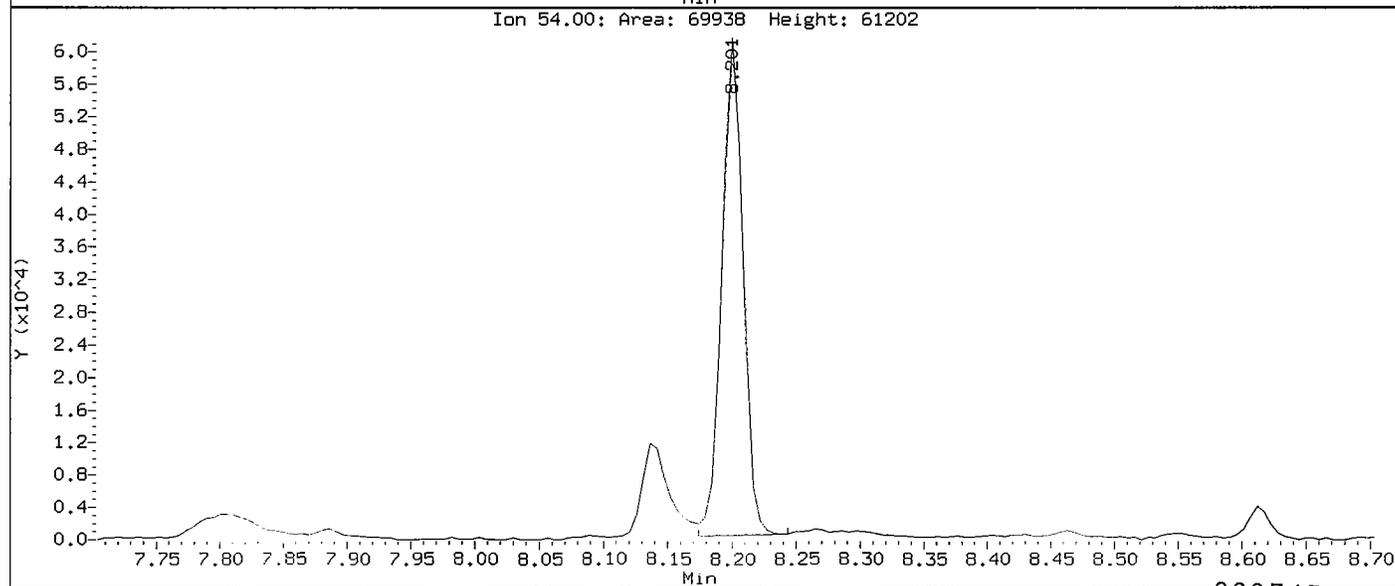
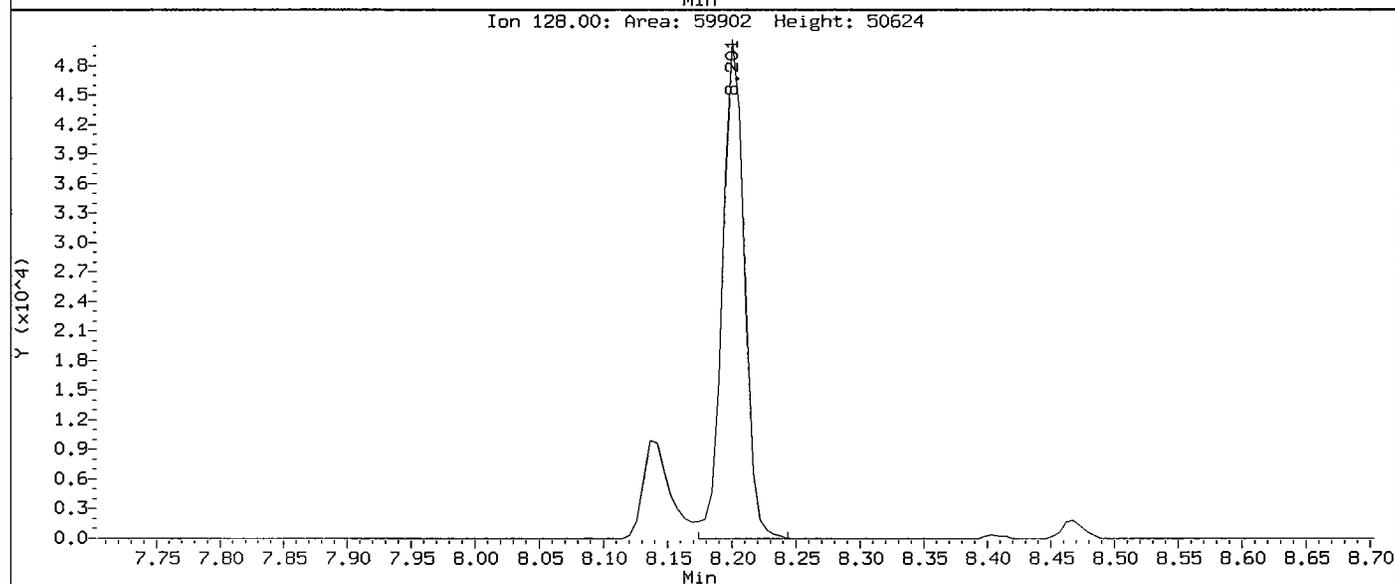
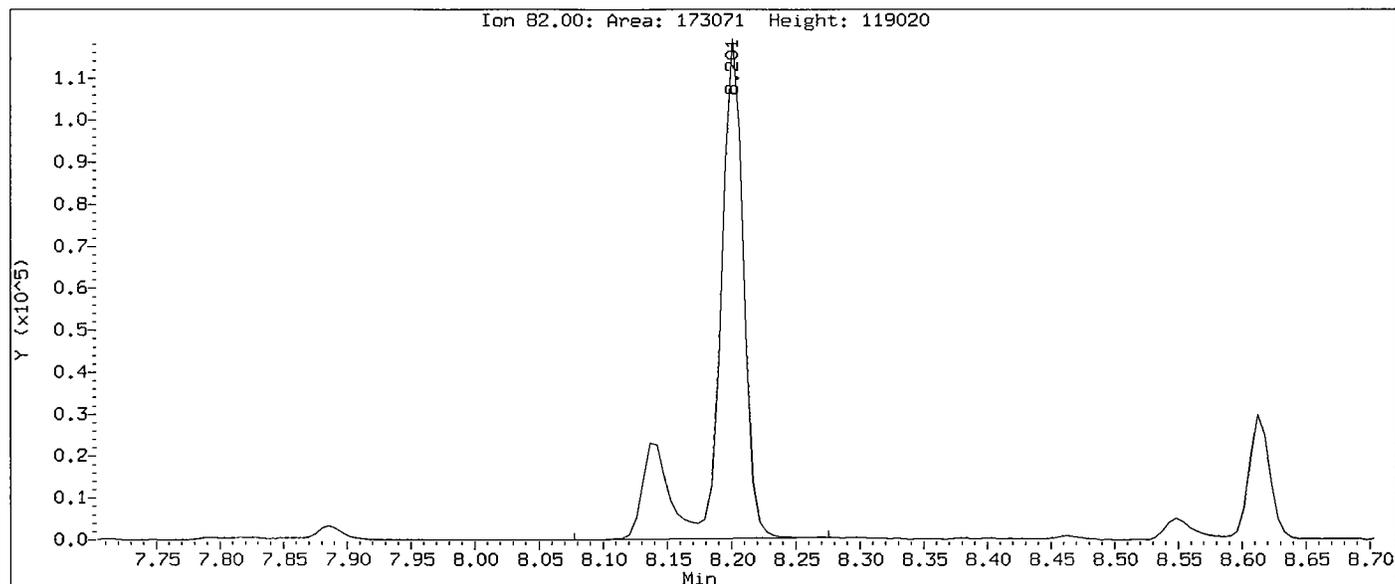
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Injection Date: 29-JUL-2005 17:27
Instrument: nt6.1
Client Sample ID: SQ-1

Compound: 1,2-Dichlorobenzene-d4
CAS Number: 2199-69-1



Data File: /chem1/nt6.i/20050729.b/ih29srm.d
Injection Date: 29-JUL-2005 17:27
Instrument: nt6.i
Client Sample ID: SQ-1

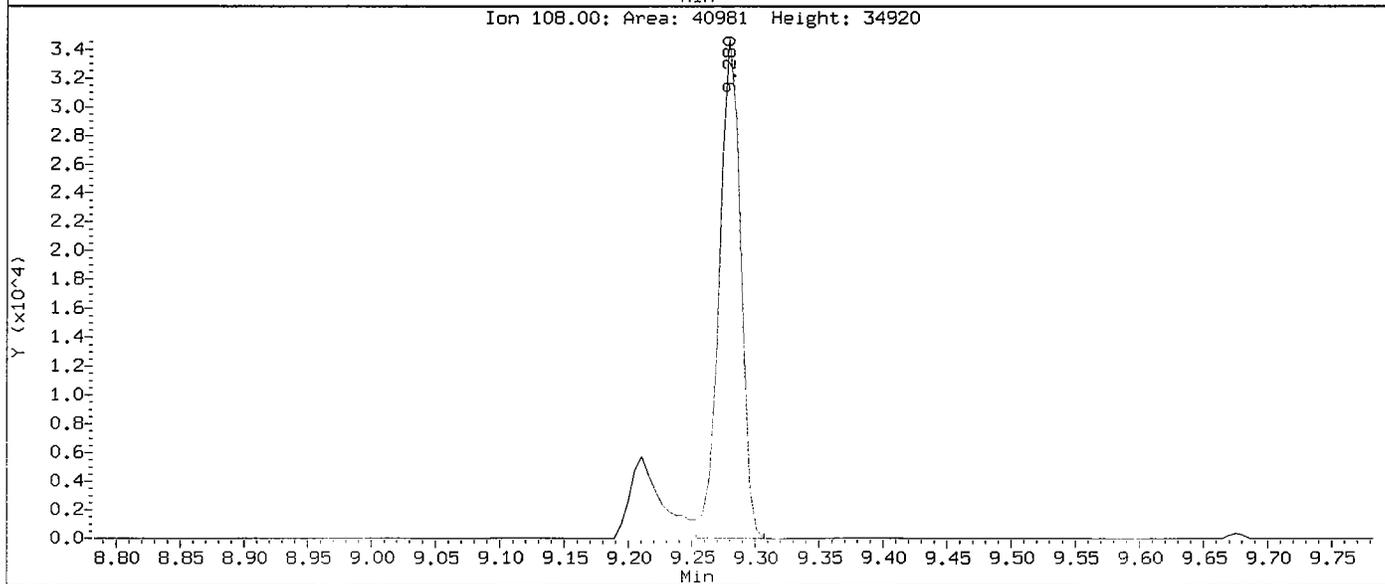
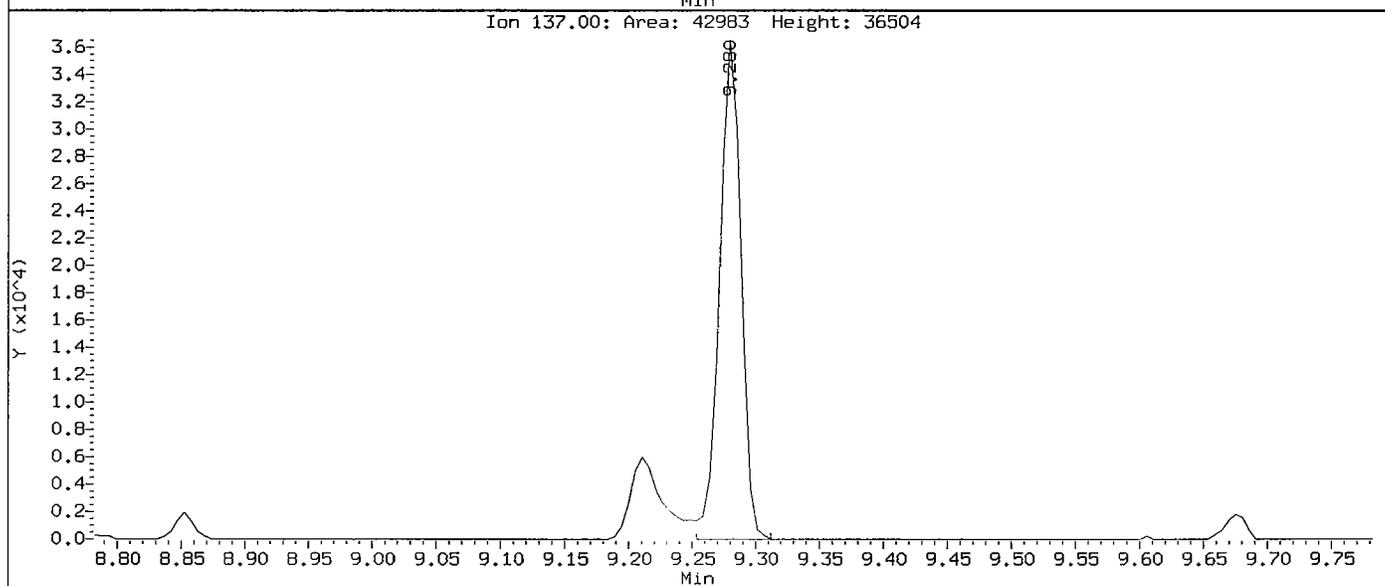
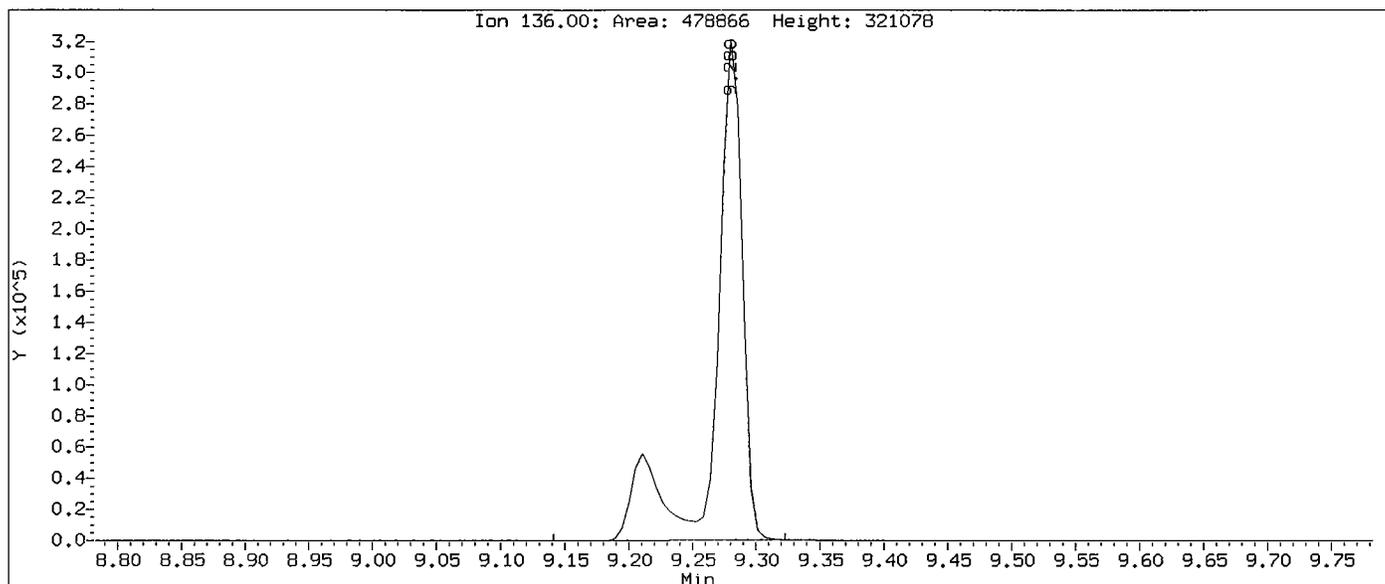
Compound: Nitrobenzene-d5
CAS Number: 4165-60-0



000547

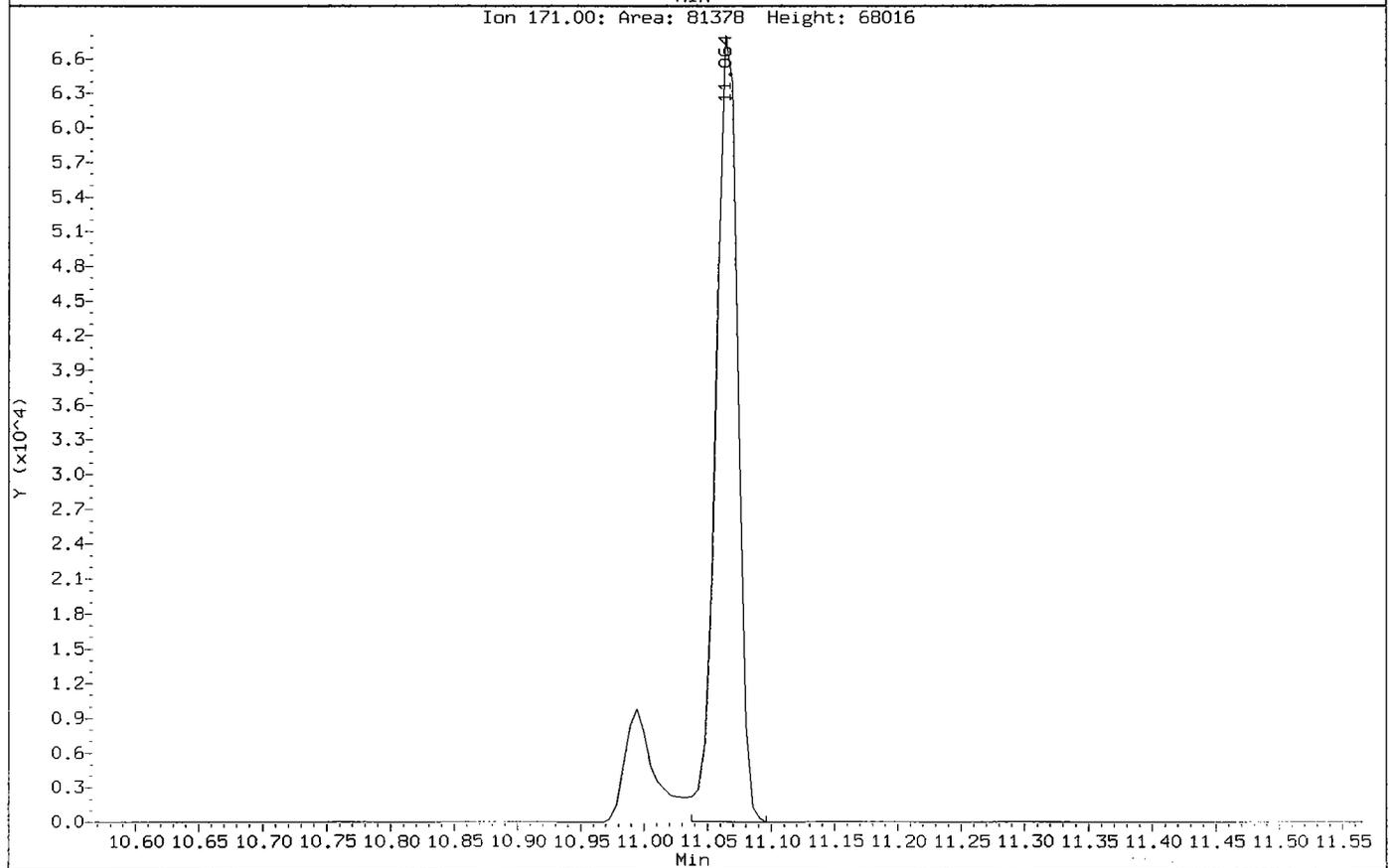
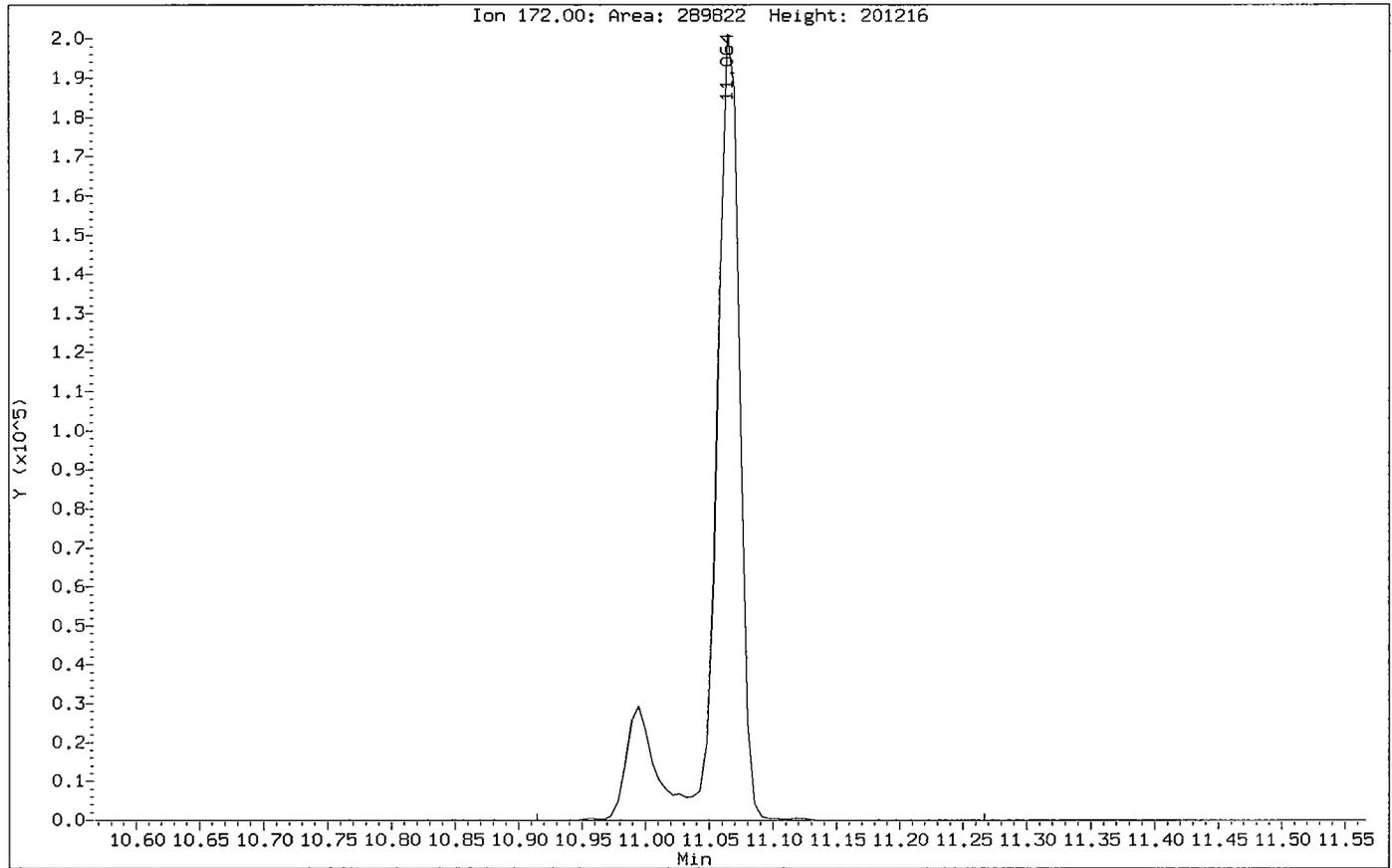
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Injection Date: 29-JUL-2005 17:27
Instrument: nt6.1
Client Sample ID: SQ-1

Compound: Naphthalene-d8
CAS Number: 1146-65-2



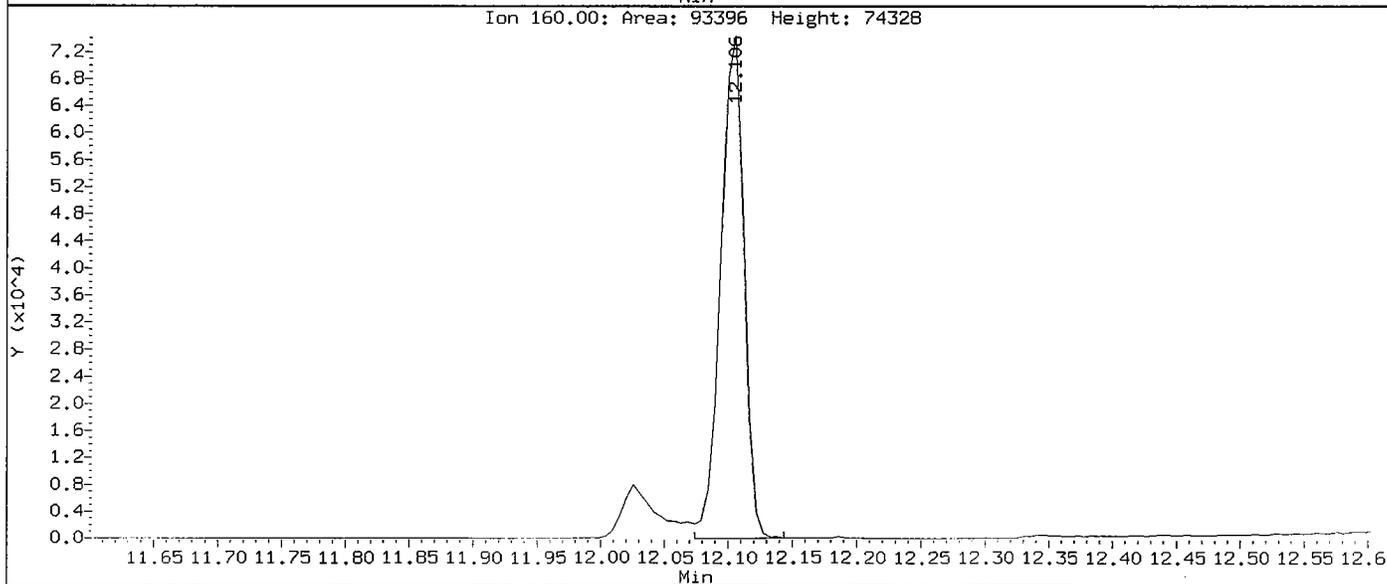
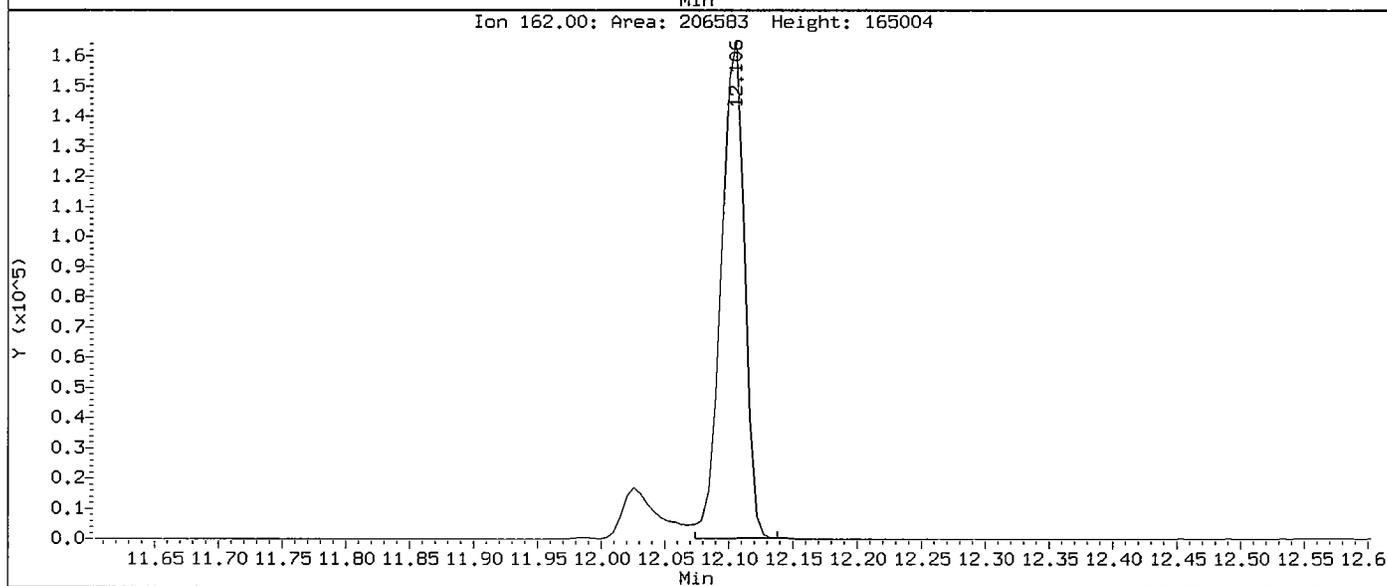
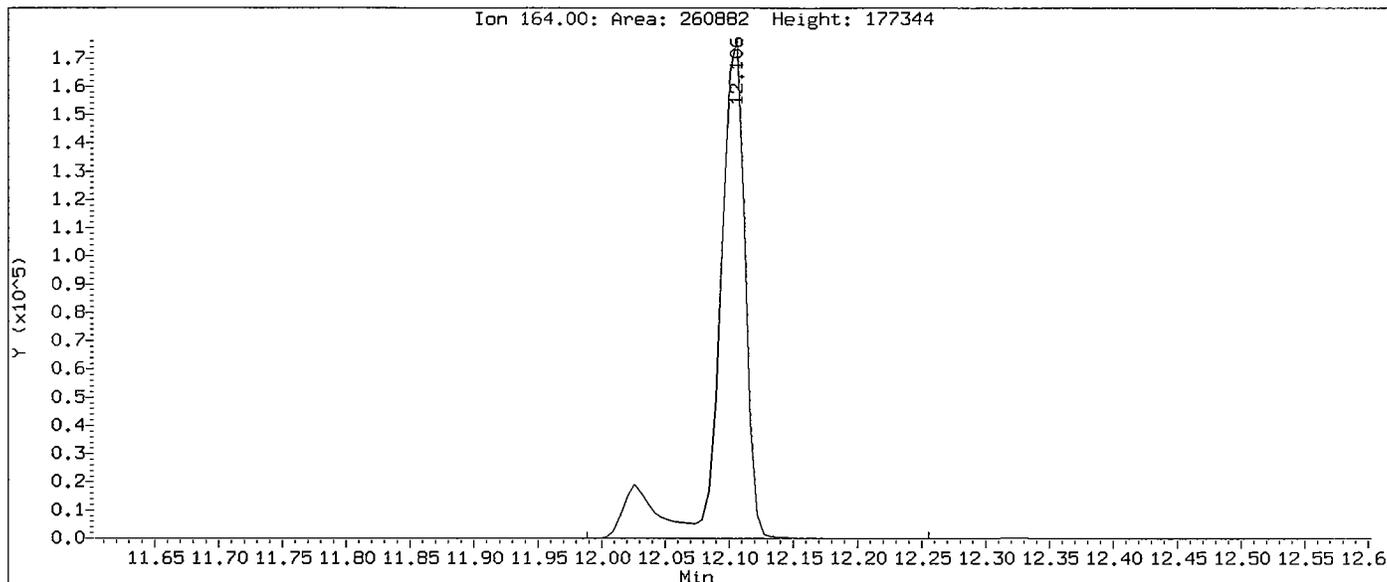
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Injection Date: 29-JUL-2005 17:27
Instrument: nt6.i
Client Sample ID: SQ-1

Compound: 2-Fluorobiphenyl
CAS Number: 321-60-8



Data File: /chem1/nt6.i/20050729_b/ih29srm.d
Injection Date: 29-JUL-2005 17:27
Instrument: nt6.i
Client Sample ID: SQ-1

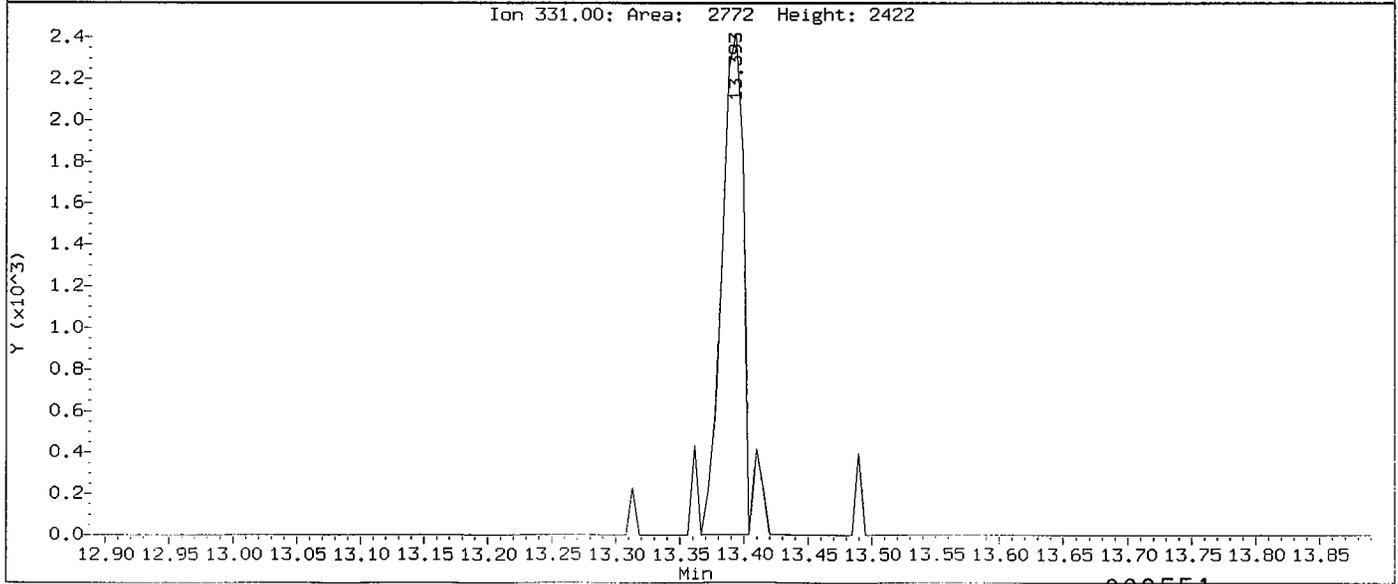
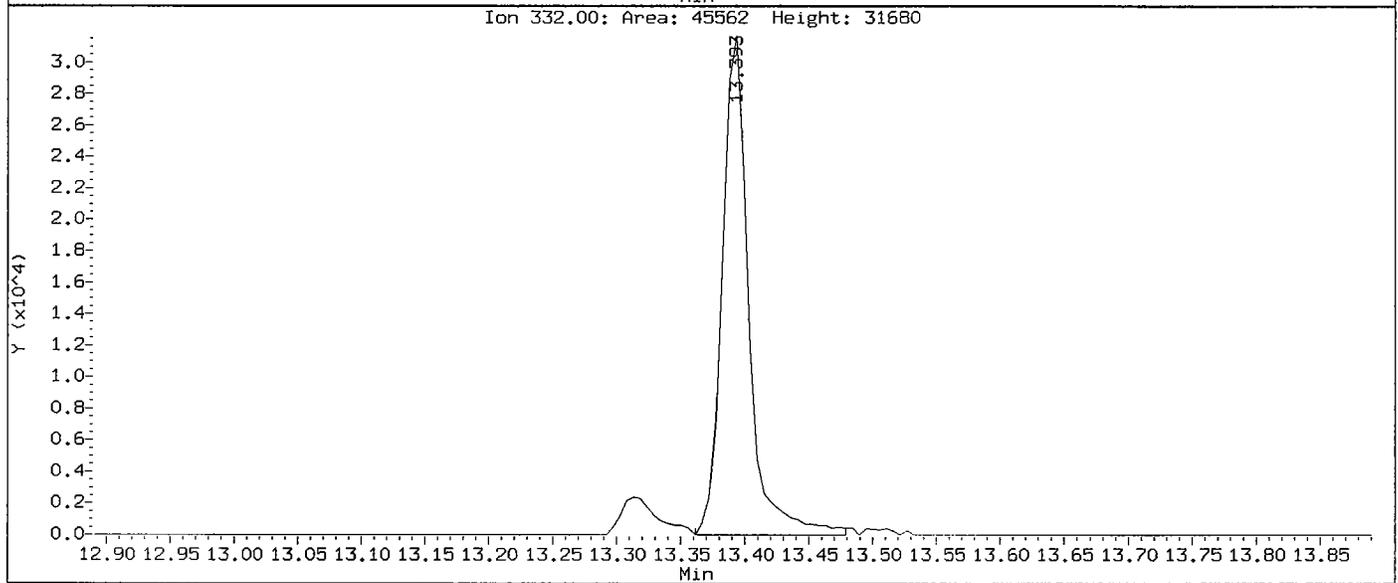
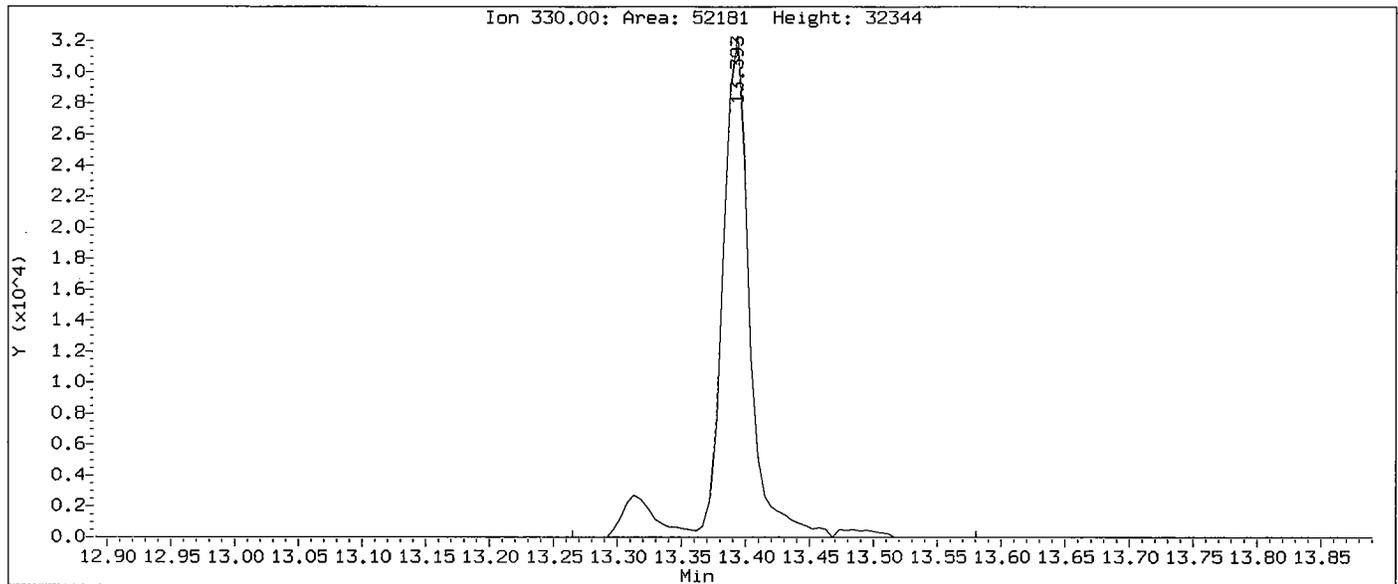
Compound: Acenaphthene-d10
CAS Number:



000550

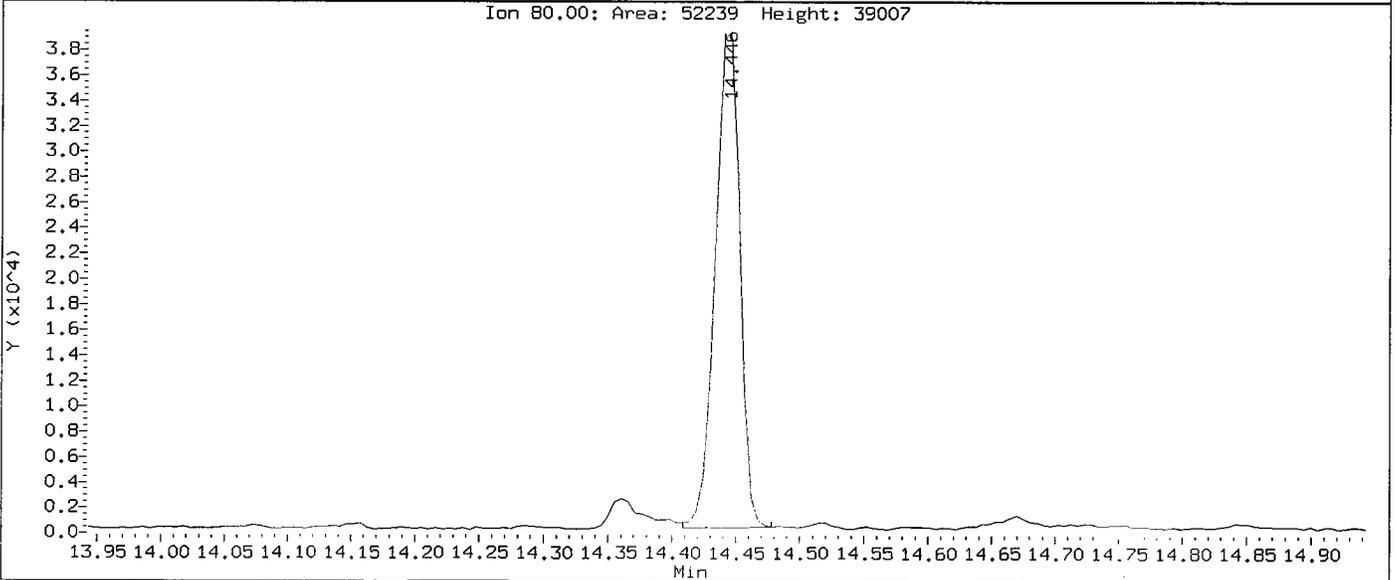
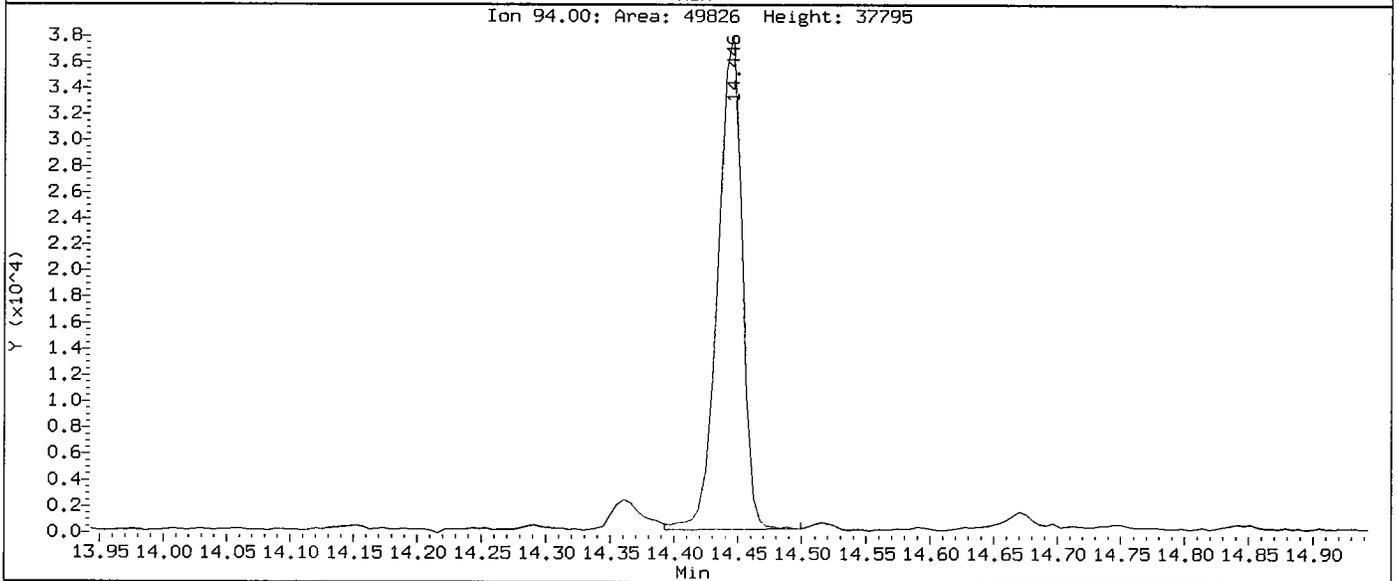
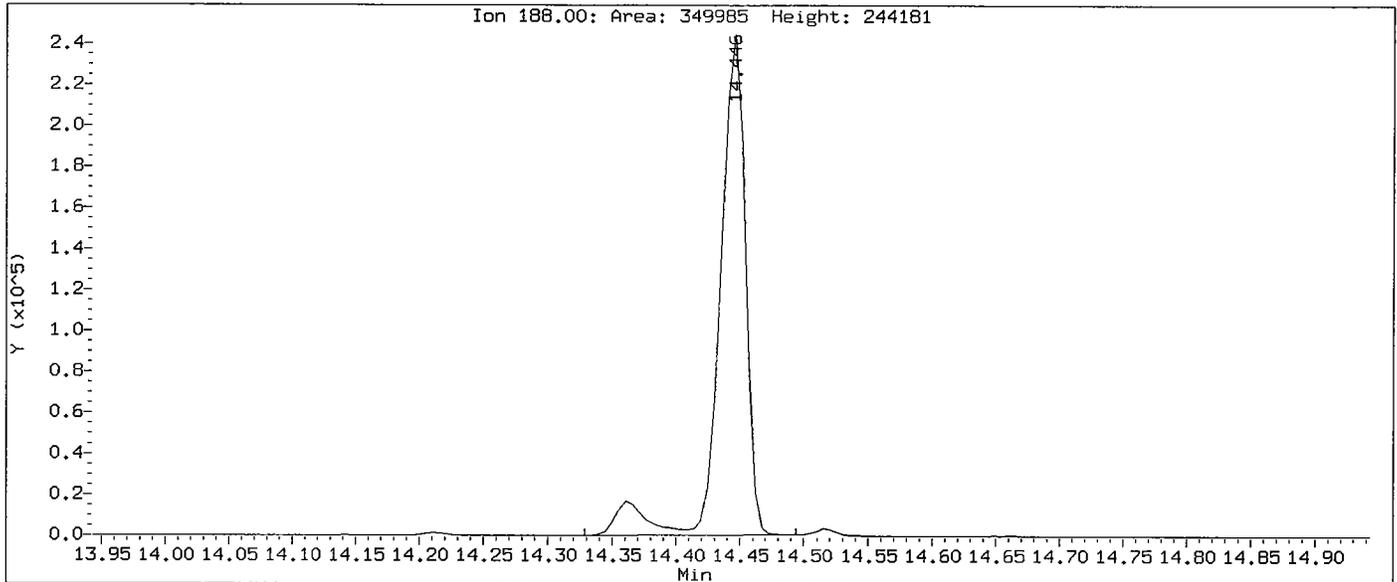
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Injection Date: 29-JUL-2005 17:27
Instrument: nt6.i
Client Sample ID: SQ-1

Compound: 2,4,6-Tribromophenol
CAS Number: 118-79-6



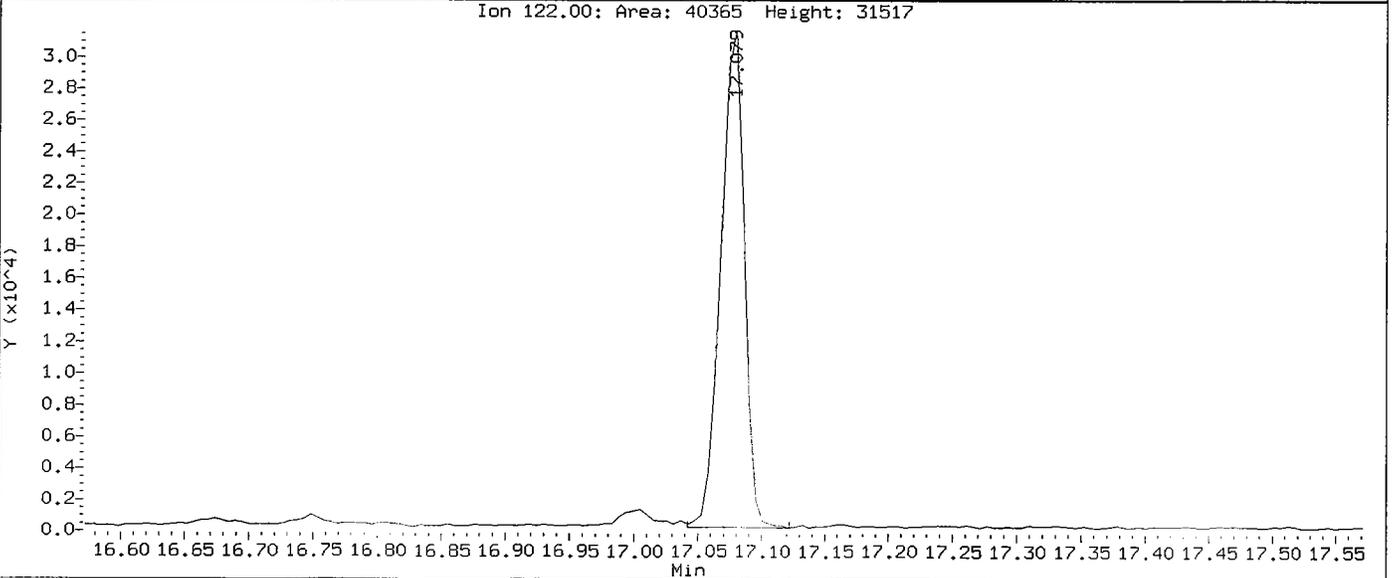
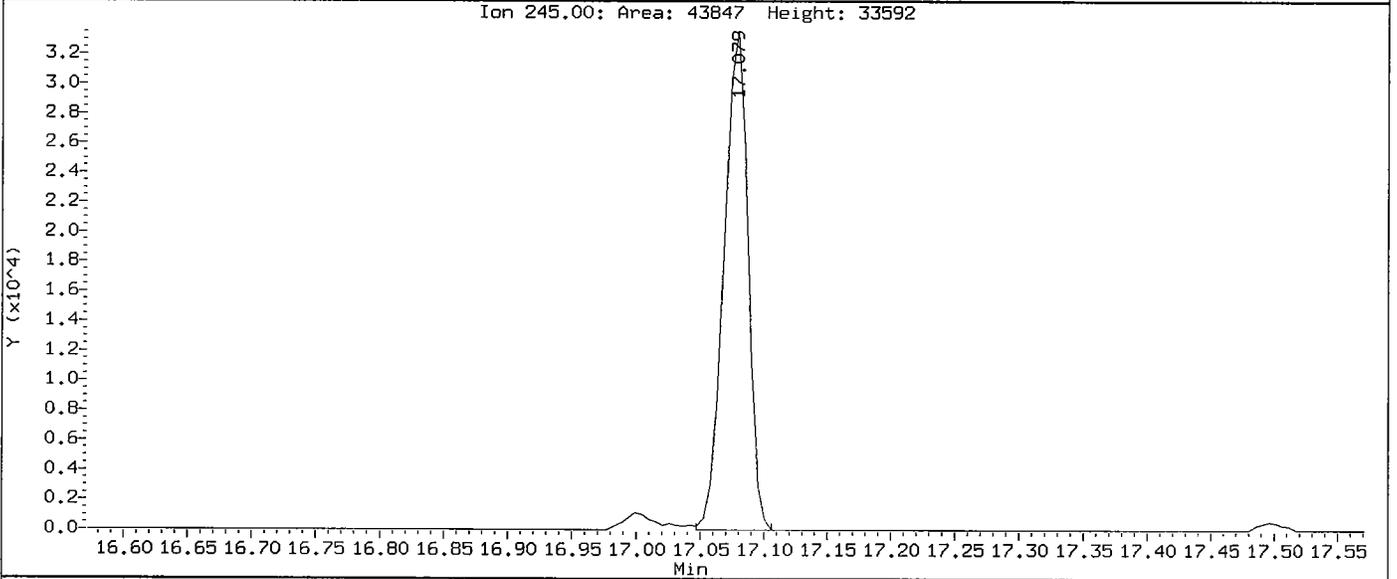
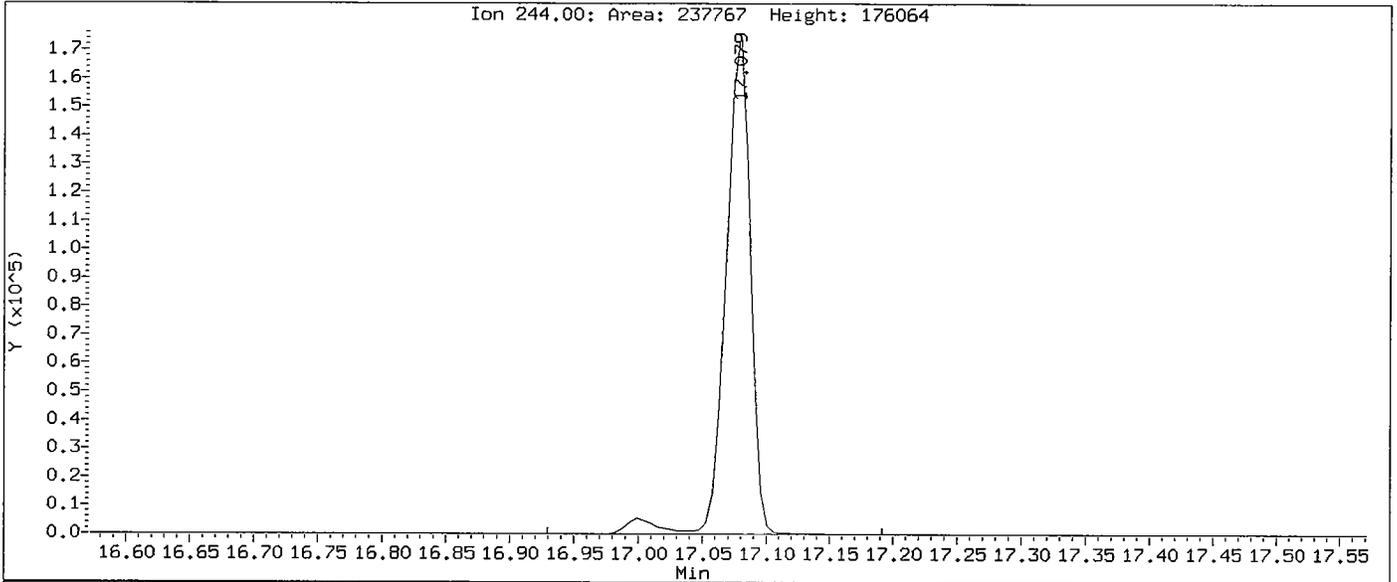
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Injection Date: 29-JUL-2005 17:27
Instrument: nt6.1
Client Sample ID: SQ-1

Compound: Phenanthrene-d10
CAS Number:



Data File: /chem1/nt6.i/20050729.b/ih29srm.d
Injection Date: 29-JUL-2005 17:27
Instrument: nt6.i
Client Sample ID: SQ-1

Compound: Terphenyl-d14
CAS Number:



Analytical Resources, Inc.

Semivolatile Report SW846 Method 8270C
 Data file : /chem1/nt6.i/20050729.b/ih29sb.d
 Lab Smp Id: IH29LCSS1 Client Smp ID: IH29LCSS1
 Inj Date : 29-JUL-2005 16:53
 Operator : LJR/VS Inst ID: nt6.i
 Smp Info : IH29LCSS1
 Misc Info : 05-11910
 Comment : 1ul Injection
 Method : /chem1/nt6.i/20050729.b/SW846.m
 Meth Date : 02-Aug-2005 11:32 jeff Quant Type: ISTD
 Cal Date : 18-JUL-2005 15:41 Cal File: 0800718.d
 Als bottle: 2 QC Sample: LCS
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: PSDDAMBLCS.sub
 Target Version: 3.50

LJR
8/2/05

Concentration Formula: Amt * DF * Vt / (Ws * (100 - M) / 100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	500.00000	Volume of final extract (uL)
Ws	25.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable

Local Compound Variable

Compounds	QUANT SIG	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
						ON-COLUMN (ug/mL)	FINAL (ug/kg)
\$ 1 2-Fluorophenol	112	5.395	5.363	(0.743)	160357	16.8915	337.8
\$ 2 Phenol-d5	99	6.923	6.917	(0.954)	267433	24.2383	484.8 (M)
3 Phenol	94	6.945	6.938	(0.957)	324766	26.0045	520.1 (M)
\$ 5 2-Chlorophenol-d4	132	6.982	6.981	(0.962)	203138	23.2165	464.3 (M)
4 Bis(2-Chloroethyl)ether	93	Compound Not Detected.					
6 2-Chlorophenol	128	7.003	7.003	(0.965)	226743	24.0202	480.4 (M)
7 1,3-Dichlorobenzene	146	Compound Not Detected.					
* 8 1,4-Dichlorobenzene-d4	152	7.260	7.259	(1.000)	134415	20.0000	(M)
9 1,4-Dichlorobenzene	146	7.281	7.286	(1.003)	148293	14.5121	290.2 (M)
\$ 10 1,2-Dichlorobenzene-d4	152	7.554	7.553	(1.040)	81624	14.3196	286.4 (M)
12 1,2-Dichlorobenzene	146	Compound Not Detected.					
11 Benzyl alcohol	108	Compound Not Detected.					
14 2,2'-oxybis(1-Chloropropane)	45	Compound Not Detected.					
13 2-Methylphenol	108	Compound Not Detected.					
17 Hexachloroethane	117	Compound Not Detected.					

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RSPONSE	CONCENTRATIONS		
						ON-COLUMN (ug/mL)	FINAL (ug/kg)	
16 N-Nitroso-di-n-propylamine	70	8.045	8.055	(1.108)	111606	15.2173	304.3 (M)	
15 4-Methylphenol	108	Compound Not Detected.						
\$ 18 Nitrobenzene-d5	82	8.200	8.205	(0.884)	155459	14.1599	283.2 (M)	
19 Nitrobenzene	77	Compound Not Detected.						
20 Isophorone	82	Compound Not Detected.						
21 2-Nitrophenol	139	Compound Not Detected.						
22 2,4-Dimethylphenol	107	Compound Not Detected.						
23 Bis(2-Chloroethoxy)methane	93	Compound Not Detected.						
24 Benzoic acid	105	Compound Not Detected.						
25 2,4-Dichlorophenol	162	Compound Not Detected.						
26 1,2,4-Trichlorobenzene	180	9.231	9.236	(0.995)	110755	15.2332	304.7 (M)	
* 27 Naphthalene-d8	136	9.279	9.284	(1.000)	476616	20.0000	(M)	
28 Naphthalene	128	Compound Not Detected.						
29 4-Chloroaniline	127	Compound Not Detected.						
30 Hexachlorobutadiene	225	Compound Not Detected.						
31 4-Chloro-3-methylphenol	107	10.326	10.331	(1.113)	225543	30.8390	616.8 (M)	
32 2-Methylnaphthalene	141	Compound Not Detected.						
33 Hexachlorocyclopentadiene	237	Compound Not Detected.						
34 2,4,6-Trichlorophenol	196	Compound Not Detected.						
35 2,4,5-Trichlorophenol	196	Compound Not Detected.						
\$ 36 2-Fluorobiphenyl	172	11.063	11.068	(0.914)	269063	15.3274	306.5 (M)	
37 2-Chloronaphthalene	162	Compound Not Detected.						
38 2-Nitroaniline	65	Compound Not Detected.						
39 Dimethylphthalate	163	Compound Not Detected.						
40 Acenaphthylene	152	Compound Not Detected.						
41 2,6-Dinitrotoluene	165	Compound Not Detected.						
* 42 Acenaphthene-d10	164	12.100	12.104	(1.000)	261699	20.0000	(M)	
43 3-Nitroaniline	138	Compound Not Detected.						
44 Acenaphthene	153	12.153	12.152	(1.004)	262074	16.6413	332.8 (M)	
45 2,4-Dinitrophenol	184	Compound Not Detected.						
46 Dibenzofuran	168	Compound Not Detected.						
47 4-Nitrophenol	109	12.490	12.510	(1.032)	64185	36.1008	722.0 (M)	
48 2,4-Dinitrotoluene	165	12.538	12.537	(1.036)	95879	20.1544	403.1 (M)	
50 Diethylphthalate	149	Compound Not Detected.						
49 Fluorene	166	Compound Not Detected.						
51 4-Chlorophenyl-phenylether	204	Compound Not Detected.						
52 4-Nitroaniline	138	Compound Not Detected.						
53 4,6-Dinitro-2-methylphenol	198	Compound Not Detected.						
54 N-Nitrosodiphenylamine	169	Compound Not Detected.						
\$ 55 2,4,6-Tribromophenol	330	13.387	13.392	(1.106)	53623	30.4646	609.3 (M)	
56 4-Bromophenyl-phenylether	248	Compound Not Detected.						
57 Hexachlorobenzene	284	Compound Not Detected.						
58 Pentachlorophenol	266	14.285	14.289	(0.989)	76111	36.6126	732.3 (M)	
* 59 Phenanthrene-d10	188	14.440	14.444	(1.000)	365025	20.0000	(M)	
60 Phenanthrene	178	Compound Not Detected.						
61 Anthracene	178	Compound Not Detected.						
62 Carbazole	167	Compound Not Detected.						

Compounds	QUANT SIG	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
						ON-COLUMN (ug/mL)	FINAL (ug/kg)
63 Di-n-butylphthalate	149				Compound Not Detected.		
64 Fluoranthene	202				Compound Not Detected.		
65 Pyrene	202	16.737	16.741	(0.895)	422735	18.9381	378.8 (M)
\$ 66 Terphenyl-d14	244	17.073	17.073	(0.913)	264233	19.0822	381.6 (M)
67 Butylbenzylphthalate	149				Compound Not Detected.		
68 Benzo(a)anthracene	228				Compound Not Detected.		
* 69 Chrysene-d12	240	18.703	18.707	(1.000)	257516	20.0008	(M)
70 3,3'-Dichlorobenzidine	252				Compound Not Detected.		
71 Chrysene	228				Compound Not Detected.		
72 bis(2-Ethylhexyl)phthalate	149				Compound Not Detected.		
* 134 Di-n-octylphthalate-d4	153	19.862	19.866	(1.000)	454049	20.0000	
73 Di-n-octylphthalate	149				Compound Not Detected.		
74 Benzo(b)fluoranthene	252				Compound Not Detected.		
75 Benzo(k)fluoranthene	252				Compound Not Detected.		
76 Benzo(a)pyrene	252				Compound Not Detected.		
* 77 Perylene-d12	264	20.840	20.844	(1.000)	262420	20.0000	
78 Indeno(1,2,3-cd)pyrene	276				Compound Not Detected.		
79 Dibenzo(a,h)anthracene	278				Compound Not Detected.		
80 Benzo(g,h,i)perylene	276				Compound Not Detected.		

QC Flag Legend

M - Compound response manually integrated.

Analytical Resources, Inc.
 INTERNAL STANDARD COMPOUNDS
 AREA AND RT SUMMARY

Instrument ID: nt6.i
 Lab File ID: ih29sb.d
 Lab Smp Id: IH29LCSS1
 Analysis Type: SV
 Quant Type: ISTD
 Operator: LJR/VS
 Method File: /chem1/nt6.i/20050729.b/SW846.m
 Misc Info: 05-11910

Calibration Date: 29-JUL-2005
 Calibration Time: 15:44
 Client Smp ID: IH29LCSS1
 Level: LOW
 Sample Type: Solid

COMPOUND	STANDARD	AREA LIMIT		SAMPLE	%DIFF
		LOWER	UPPER		
8 1,4-Dichlorobenze	108502	54251	217004	134415	23.88
27 Naphthalene-d8	392657	196328	785314	476616	21.38
42 Acenaphthene-d10	220694	110347	441388	261699	18.58
59 Phenanthrene-d10	307459	153730	614918	365025	18.72
69 Chrysene-d12	220907	110454	441814	257516	16.57
134 Di-n-octylphthala	371940	185970	743880	454049	22.08
77 Perylene-d12	239558	119779	479116	262420	9.54

COMPOUND	STANDARD	RT LIMIT		SAMPLE	%DIFF
		LOWER	UPPER		
8 1,4-Dichlorobenze	7.26	6.76	7.76	7.26	0.01
27 Naphthalene-d8	9.28	8.78	9.78	9.28	-0.05
42 Acenaphthene-d10	12.10	11.60	12.60	12.10	-0.04
59 Phenanthrene-d10	14.44	13.94	14.94	14.44	-0.03
69 Chrysene-d12	18.71	18.21	19.21	18.70	-0.02
134 Di-n-octylphthala	19.87	19.37	20.37	19.86	-0.02
77 Perylene-d12	20.84	20.34	21.34	20.84	-0.02

AREA UPPER LIMIT = +100% of internal standard area.
 AREA LOWER LIMIT = - 50% of internal standard area.
 RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
 RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

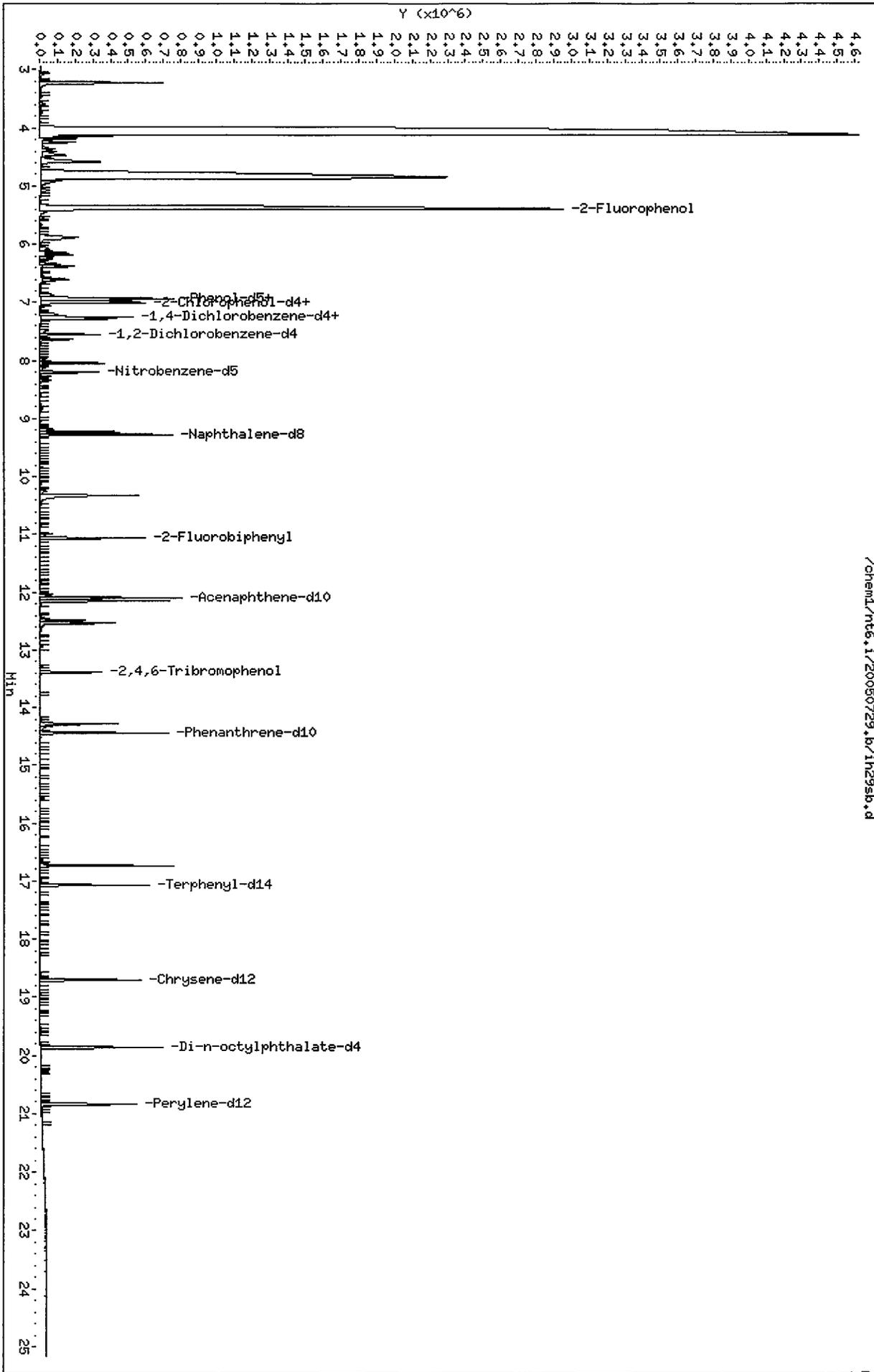
Analytical Resources, Inc.

RECOVERY REPORT

Client Name: ANCHOR Client SDG: IH29
 Sample Matrix: SOLID Fraction: SV
 Lab Smp Id: IH29LCSS1 Client Smp ID: IH29LCSS1
 Level: LOW Operator: LJR/VS
 Data Type: MS DATA SampleType: LCS
 SpikeList File: PSDDALCS.spk Quant Type: ISTD
 Sublist File: PSDDAMBLCS.sub
 Method File: /chem1/nt6.i/20050729.b/SW846.m
 Misc Info: 05-11910

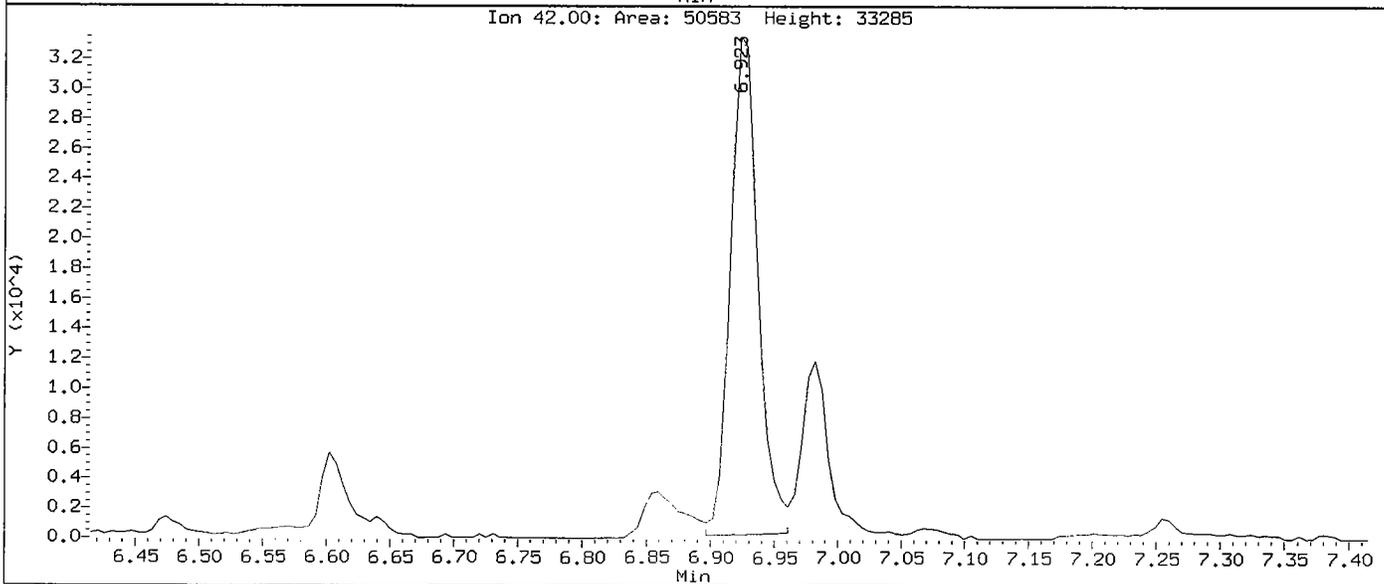
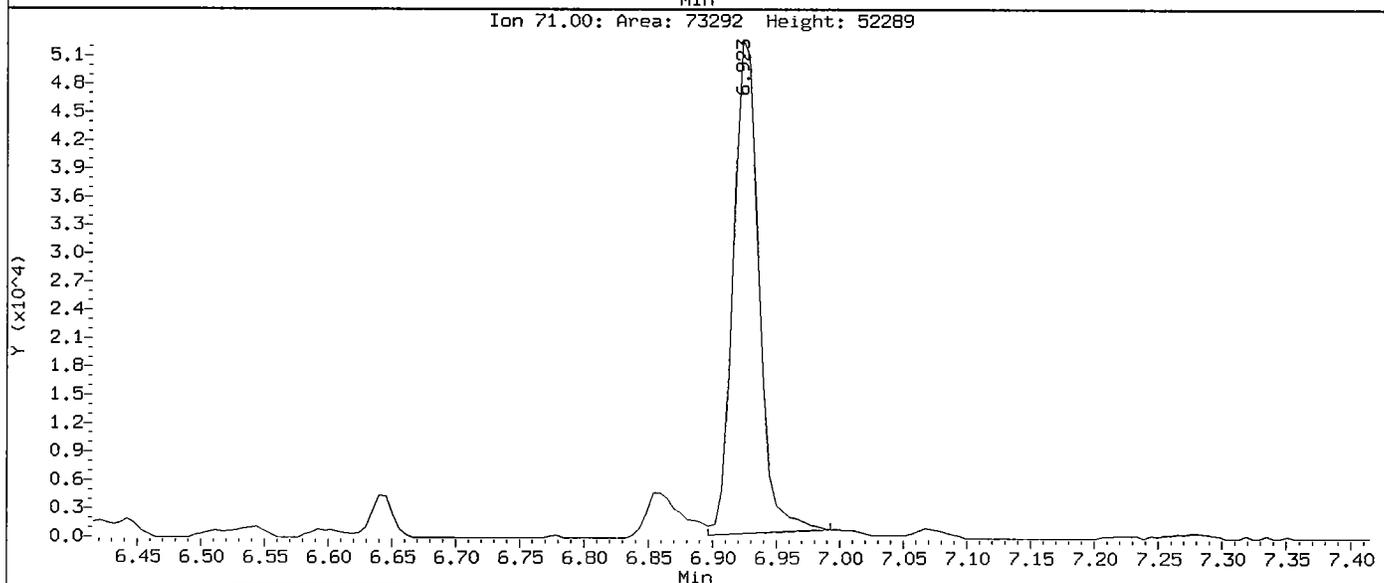
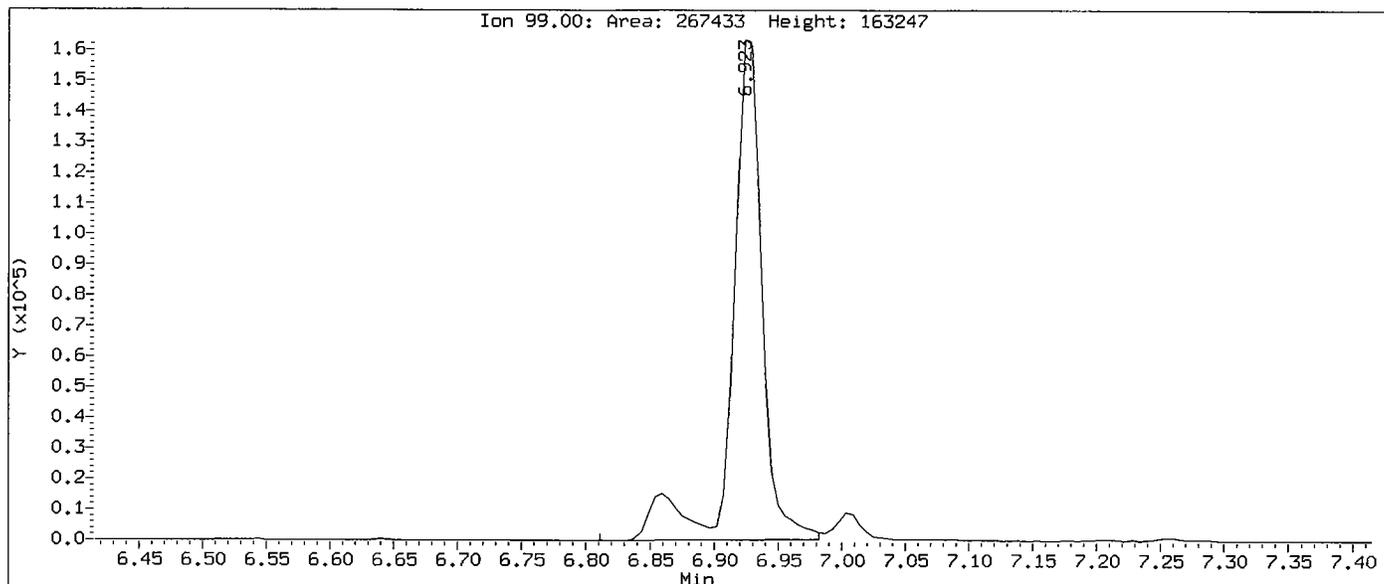
SPIKE COMPOUND	CONC ADDED ug/kg	CONC RECOVERED ug/kg	% RECOVERED	LIMITS
3 Phenol	750.0	520.1	69.35	46-100
6 2-Chlorophenol	750.0	480.4	64.05	47-98
9 1,4-Dichlorobenzen	500.0	290.2	58.05	42-85
16 N-Nitroso-di-n-pro	500.0	304.3	60.87	17-94
26 1,2,4-Trichloroben	500.0	304.7	60.93	42-94
31 4-Chloro-3-methylp	750.0	616.8	82.24	47-98
44 Acenaphthene	500.0	332.8	66.57	49-96
47 4-Nitrophenol	750.0	722.0	96.27	24-132
48 2,4-Dinitrotoluene	500.0	403.1	80.62	34-104
58 Pentachlorophenol	750.0	732.3	97.63	41-124
65 Pyrene	500.0	378.8	75.75	58-100

SURROGATE COMPOUND	CONC ADDED ug/kg	CONC RECOVERED ug/kg	% RECOVERED	LIMITS
\$ 1 2-Fluorophenol	750.0	337.8	45.04	36-100
\$ 2 Phenol-d5	750.0	484.8	64.64	45-91
\$ 5 2-Chlorophenol-d4	750.0	464.3	61.91	46-89
\$ 10 1,2-Dichlorobenzen	500.0	286.4	57.28	41-86
\$ 18 Nitrobenzene-d5	500.0	283.2	56.64	39-93
\$ 36 2-Fluorobiphenyl	500.0	306.5	61.31	40-95
\$ 55 2,4,6-Tribromophen	750.0	609.3	81.24	34-110
\$ 66 Terphenyl-d14	500.0	381.6	76.33	46-116



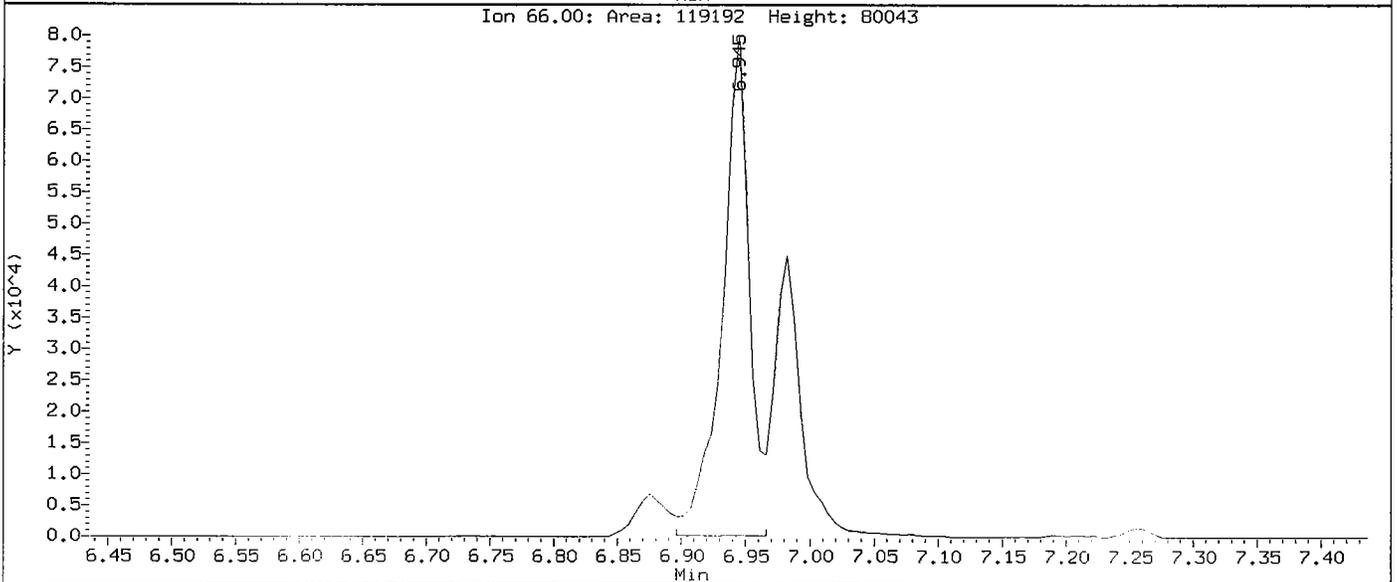
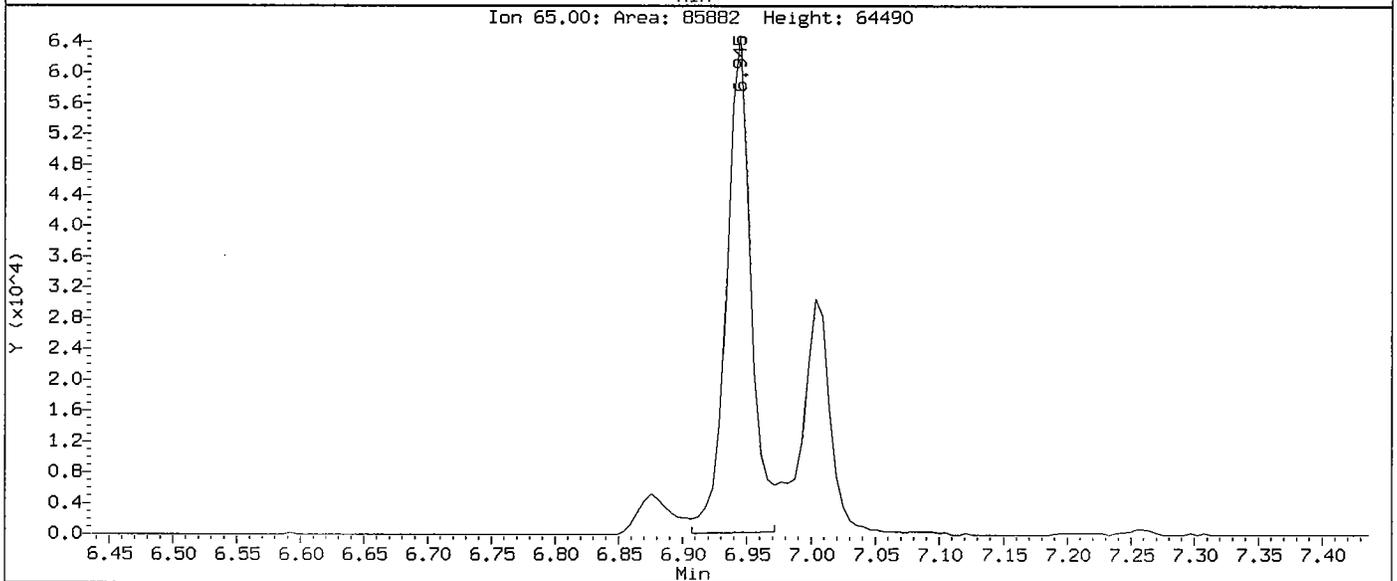
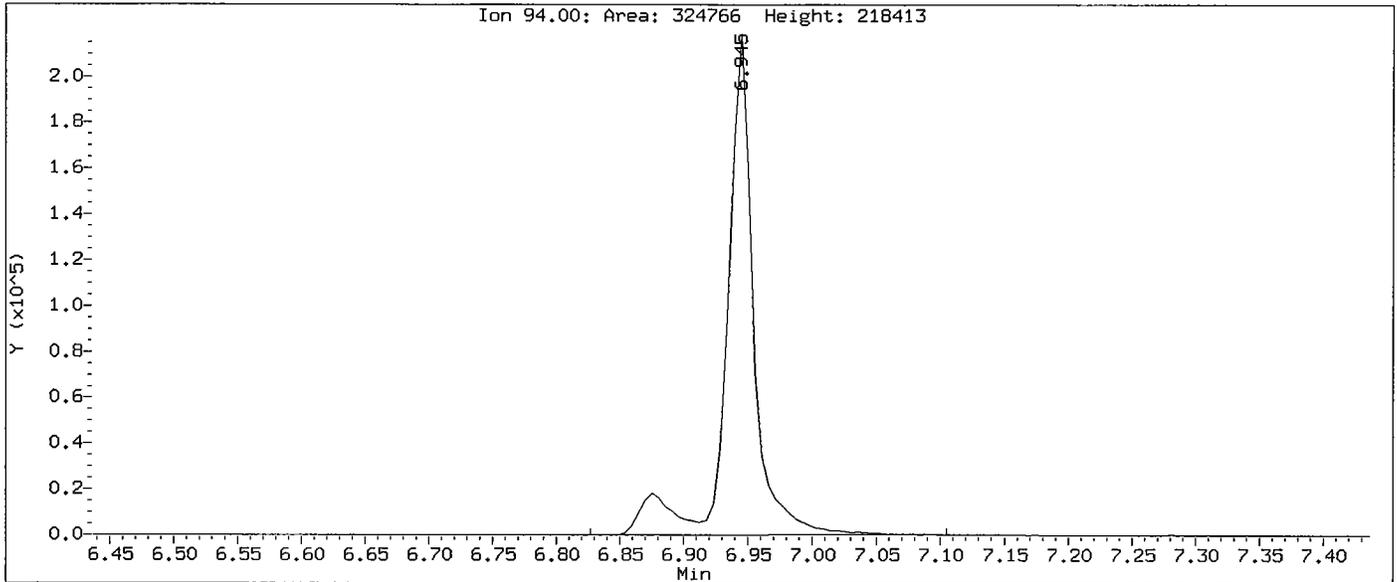
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Injection Date: 29-JUL-2005 16:53
Instrument: nt6.i
Client Sample ID: IH29LCSS1

Compound: Phenol-d5
CAS Number:



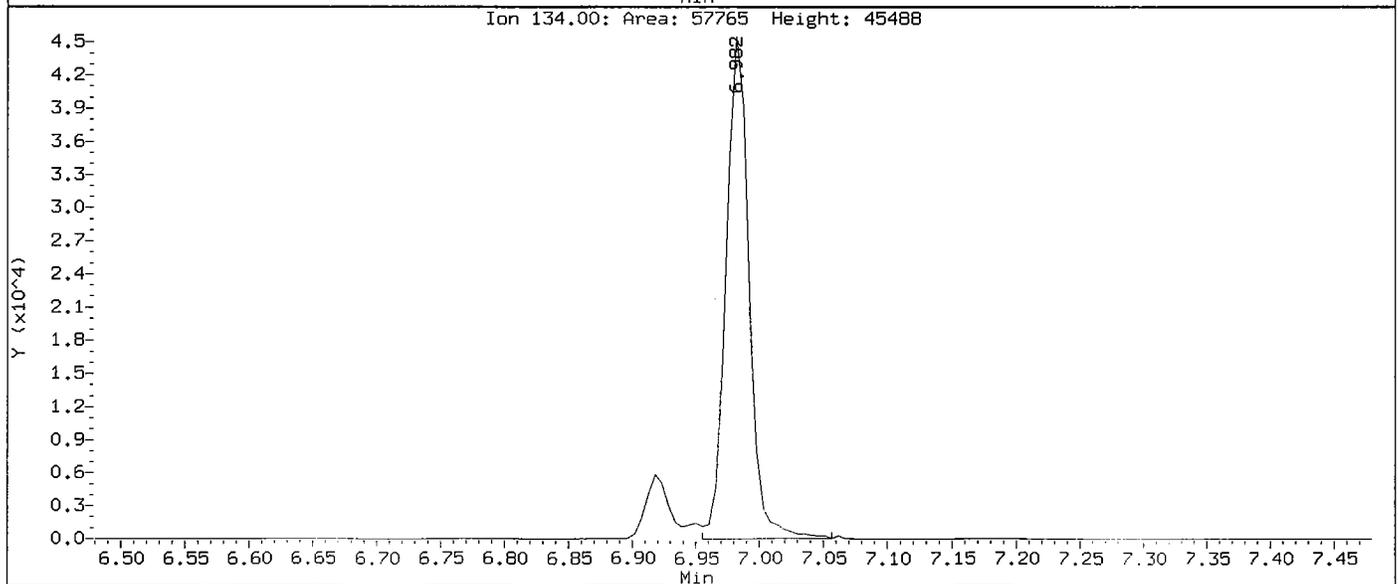
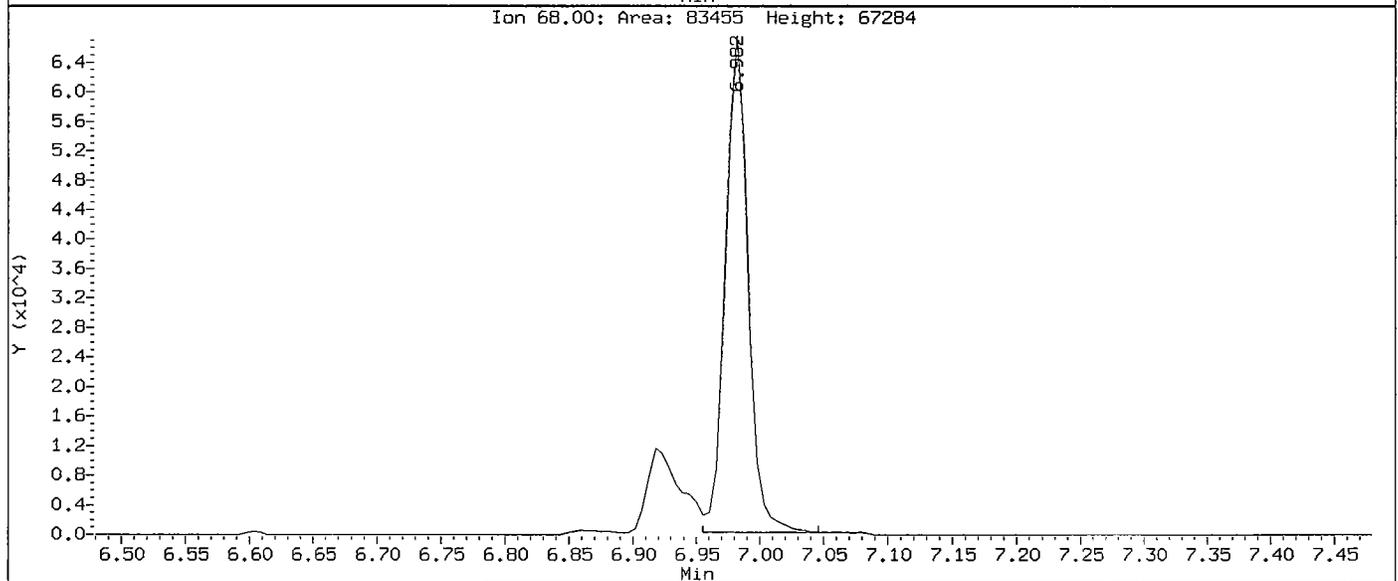
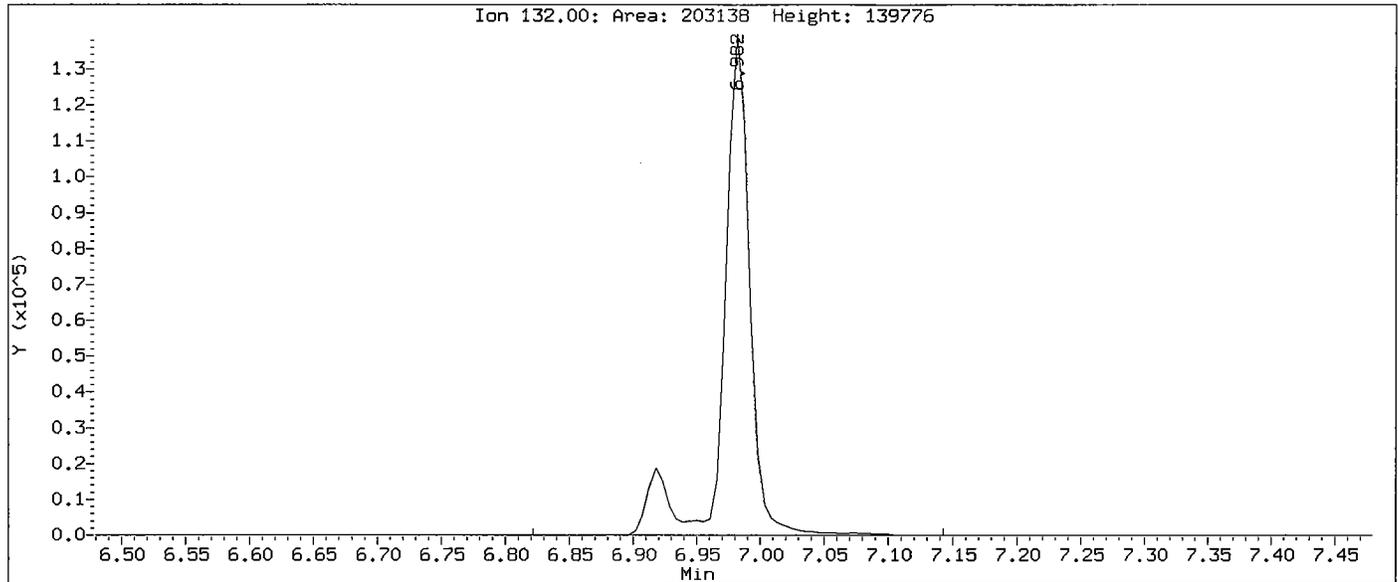
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Instrument: nt6.i
Client Sample ID: IH29LCSS1

Compound: Phenol
CAS Number: 108-95-2



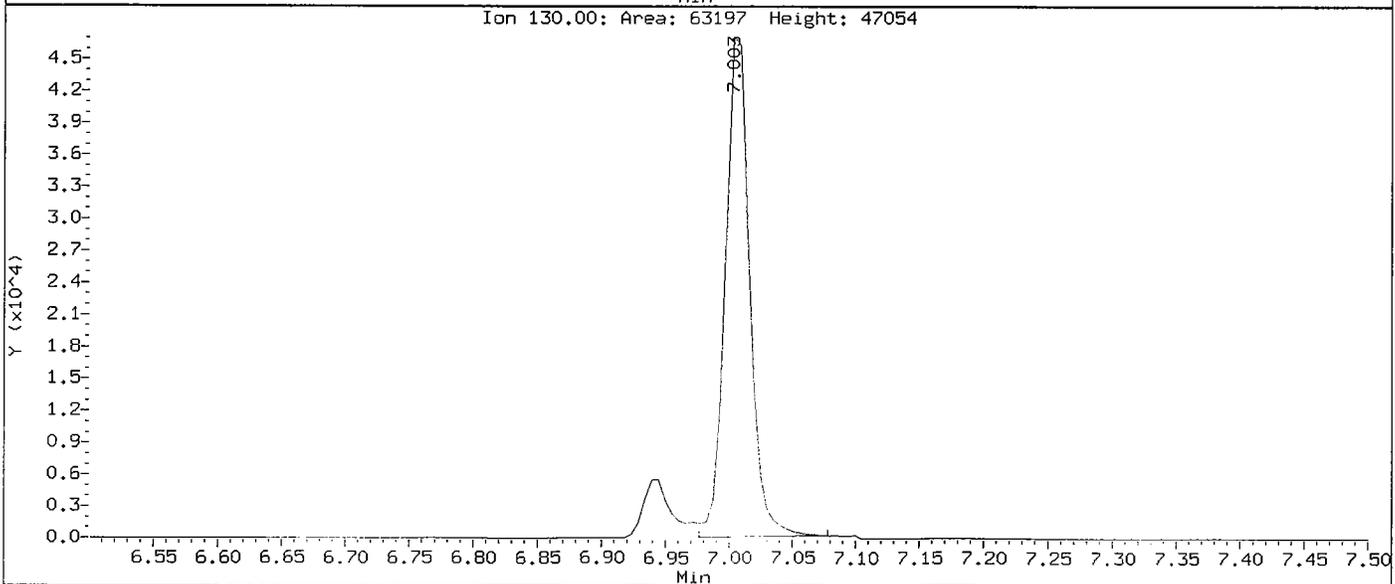
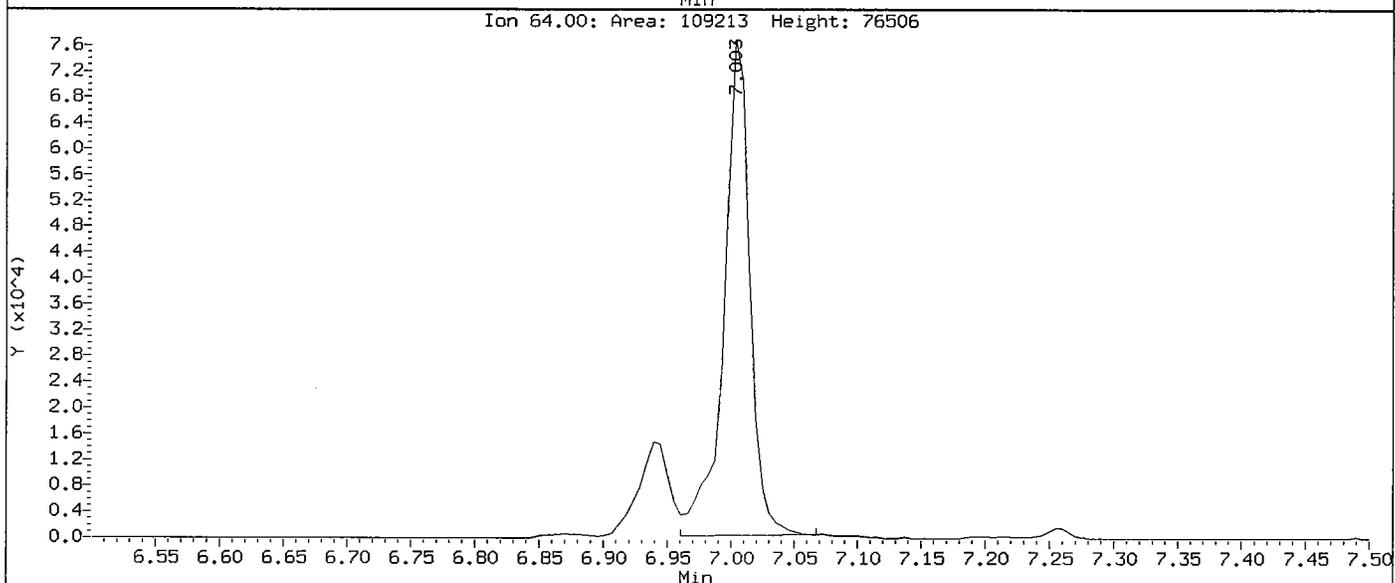
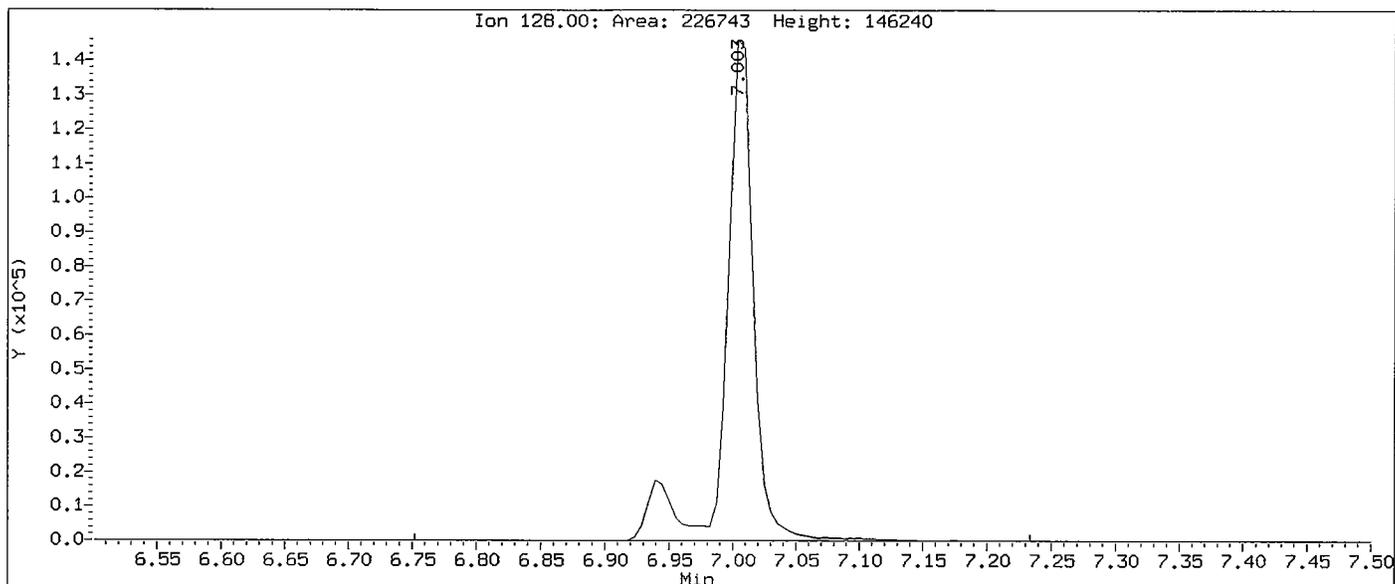
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Injection Date: 29-JUL-2005 16:53
Instrument: nt6.i
Client Sample ID: IH29LCSS1

Compound: 2-Chlorophenol-d4
CAS Number:



Data File: /chem1/nt6.1/20050729.b/ih29sb.d
Injection Date: 29-JUL-2005 16:53
Instrument: nt6.i
Client Sample ID: IH29LCSS1

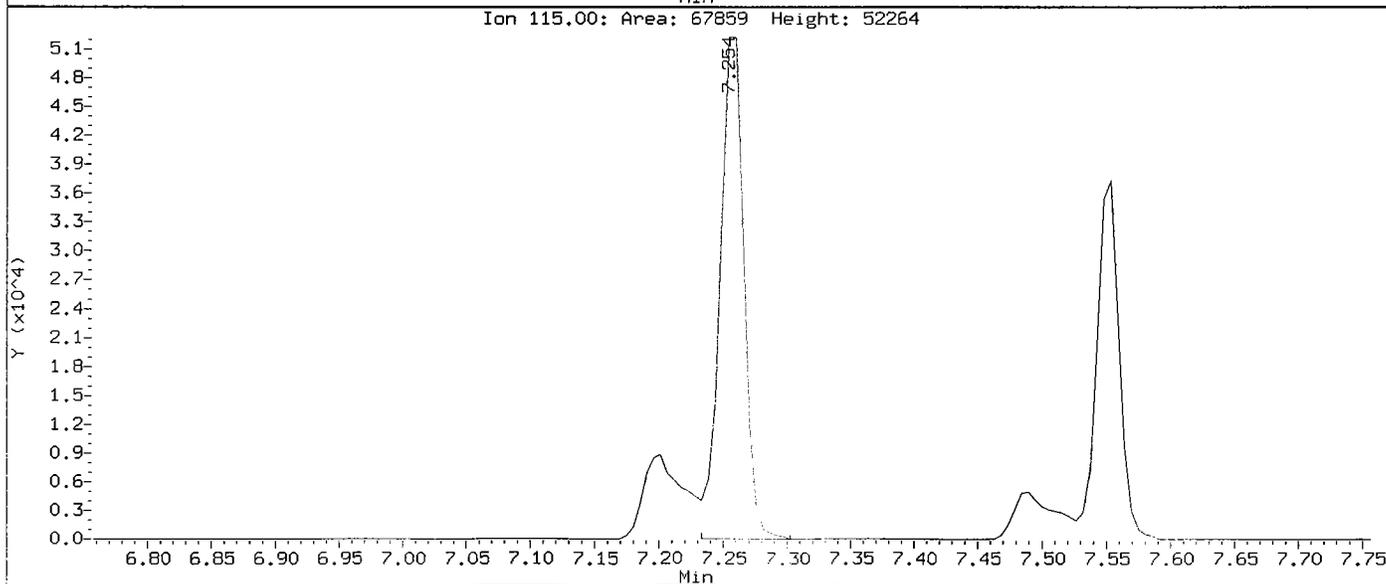
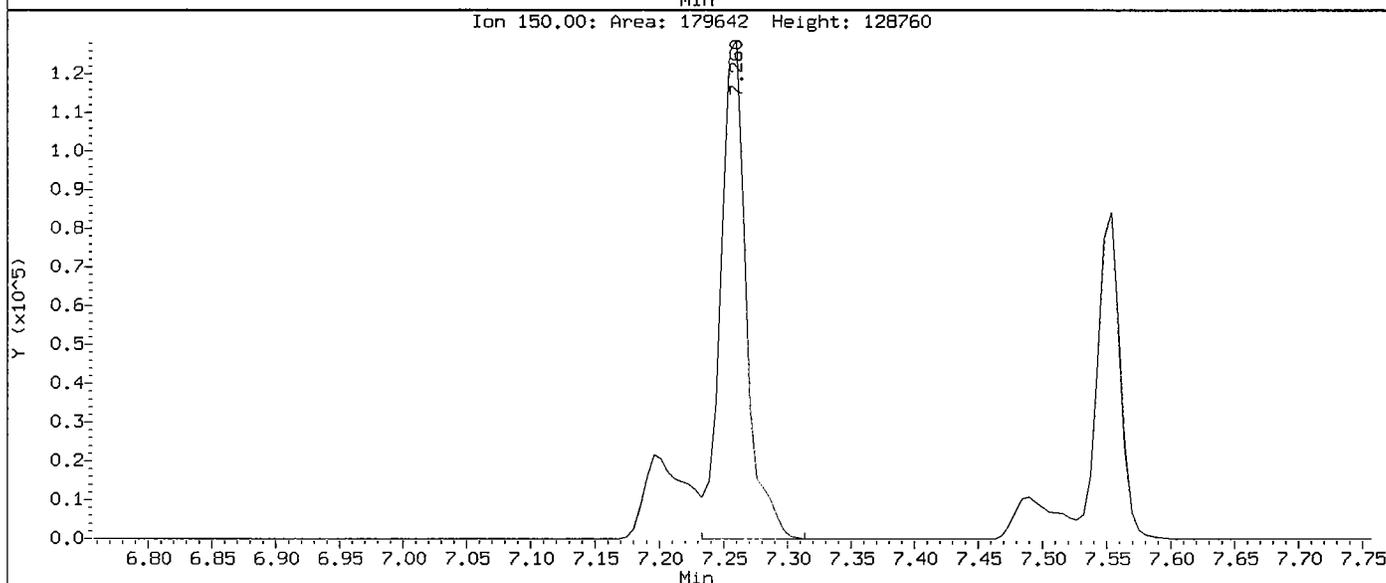
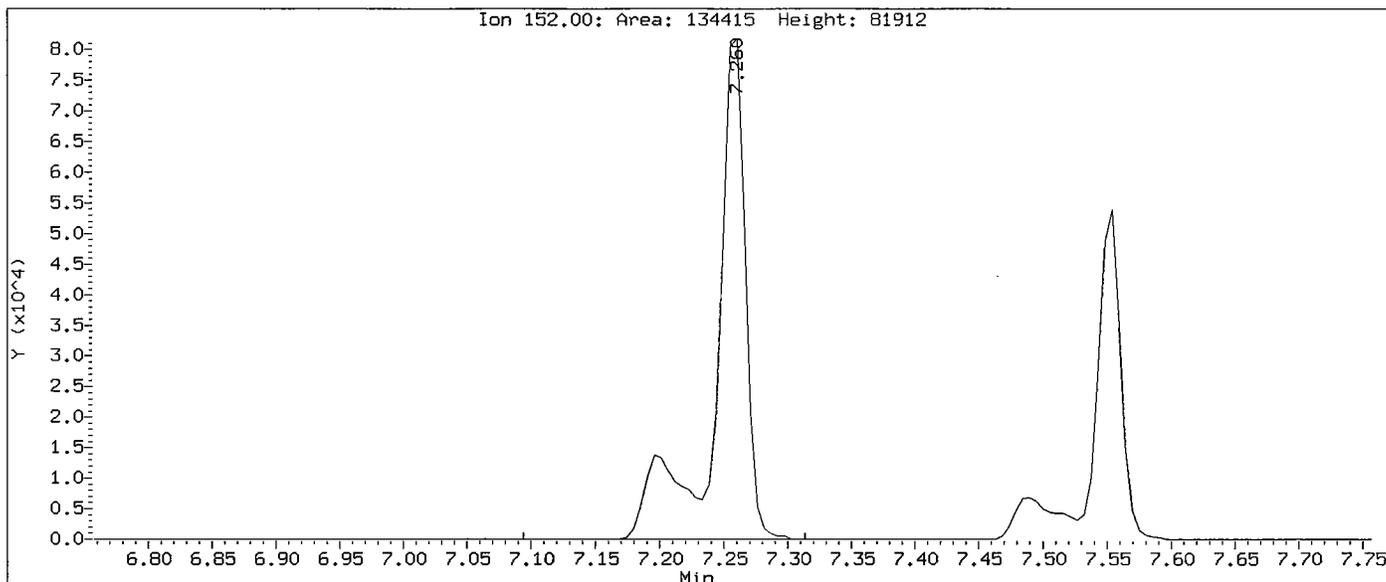
Compound: 2-Chlorophenol
CAS Number: 95-57-8



000563

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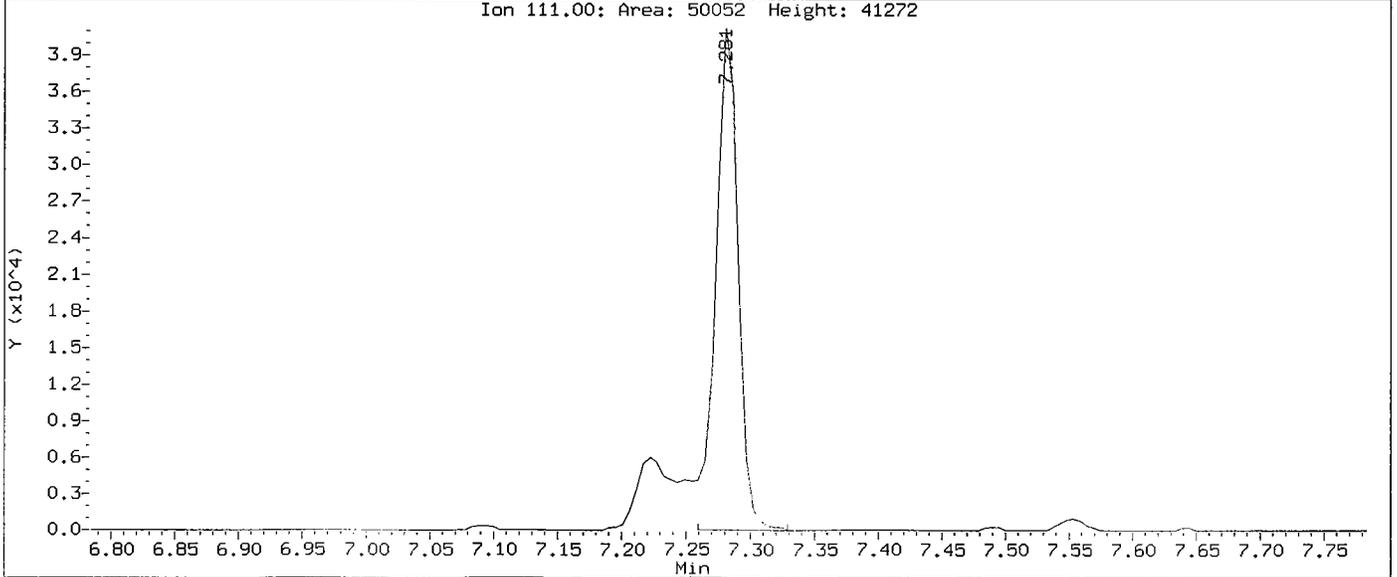
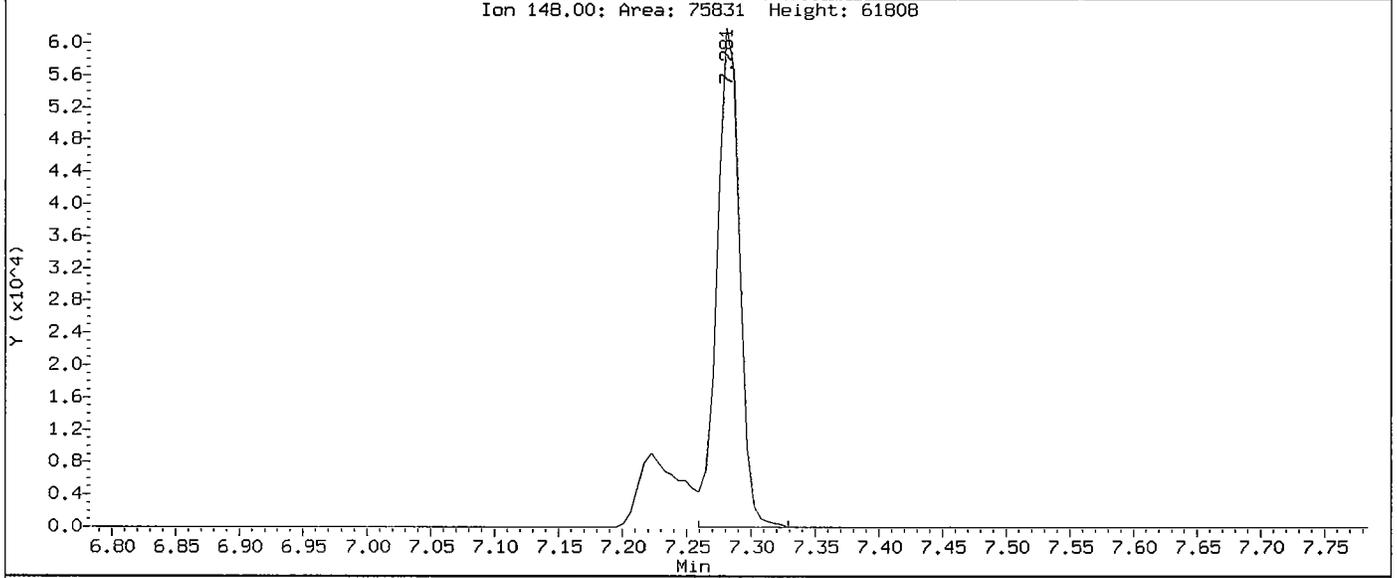
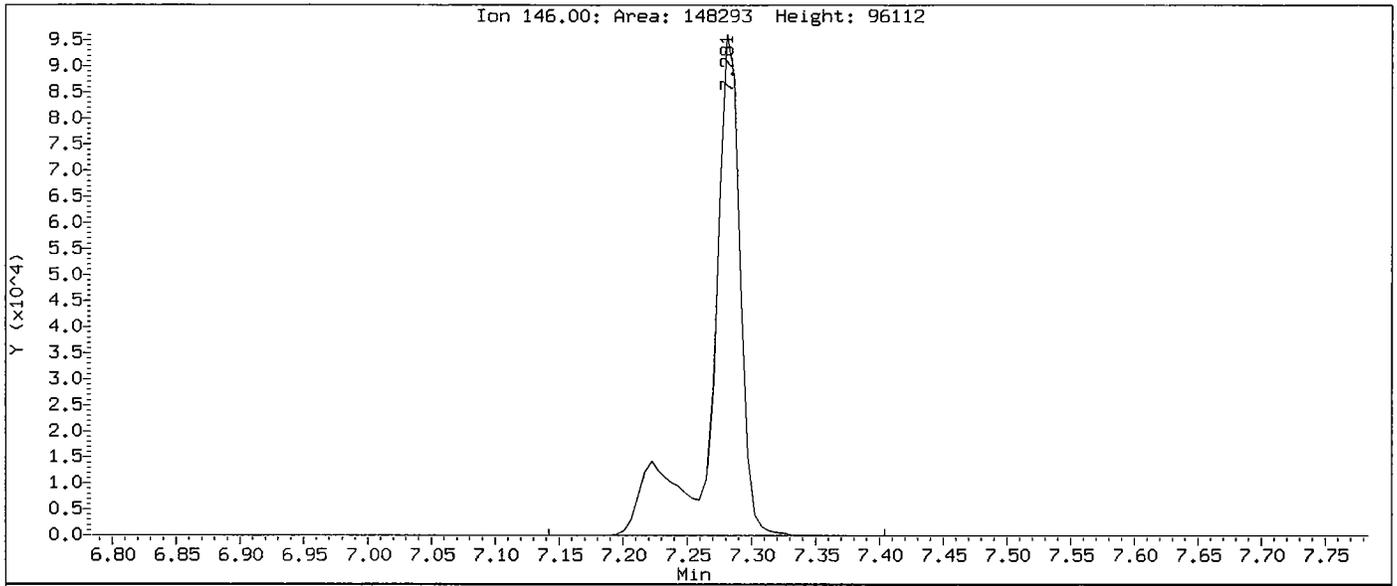
Compound: 1,4-Dichlorobenzene-d4
CAS Number: 3855-82-1



000564

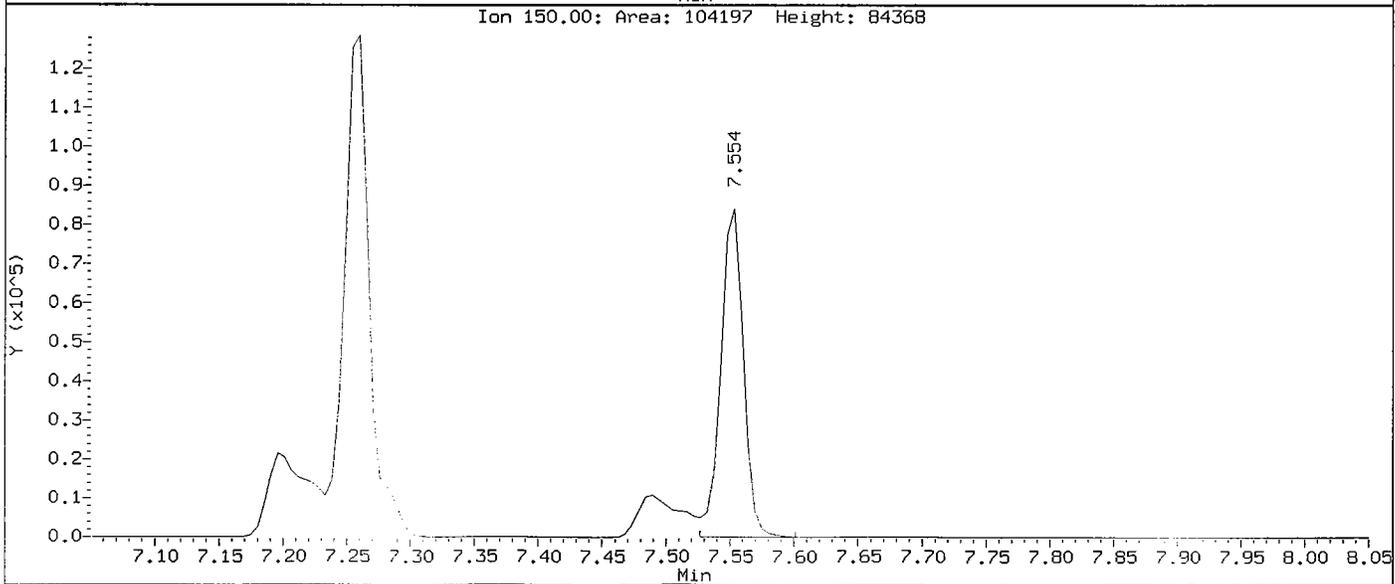
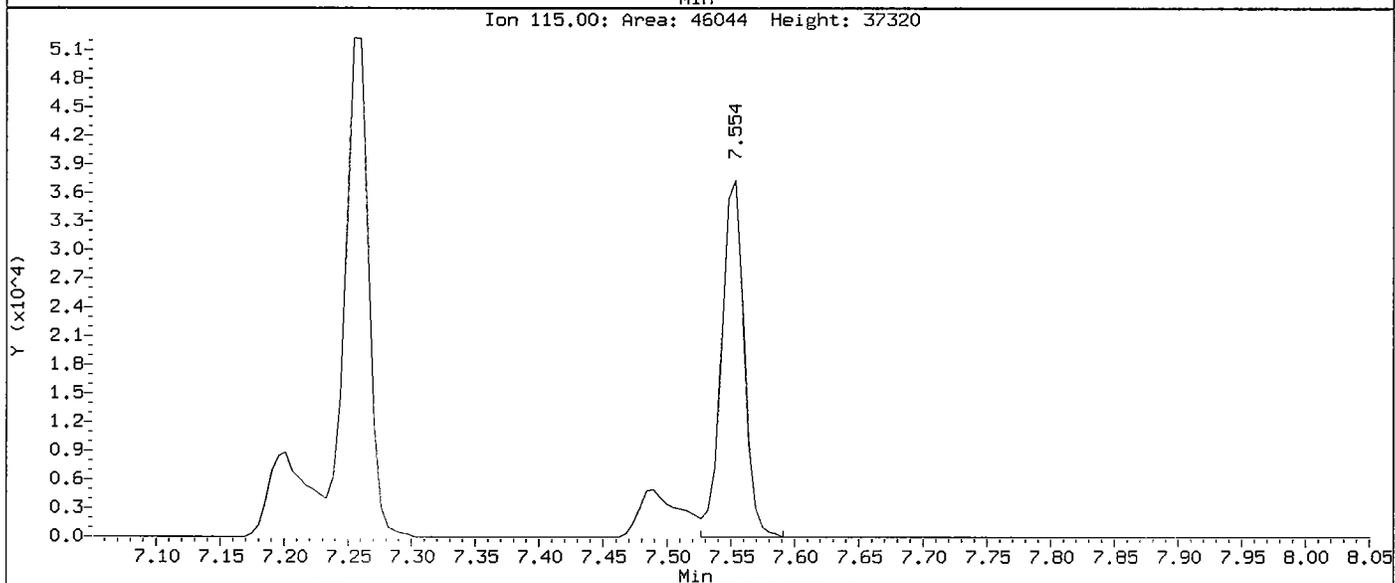
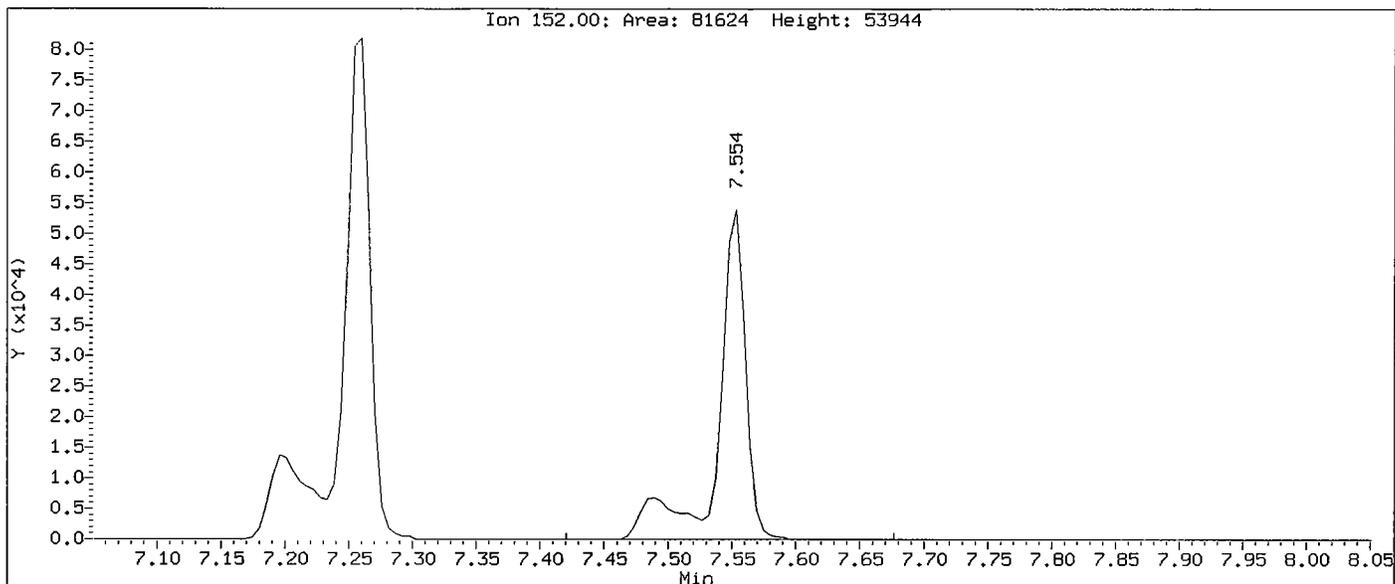
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Injection Date: 29-JUL-2005 16:53
Instrument: nt6.i
Client Sample ID: IH29LCSS1

Compound: 1,4-Dichlorobenzene
CAS Number: 106-46-7



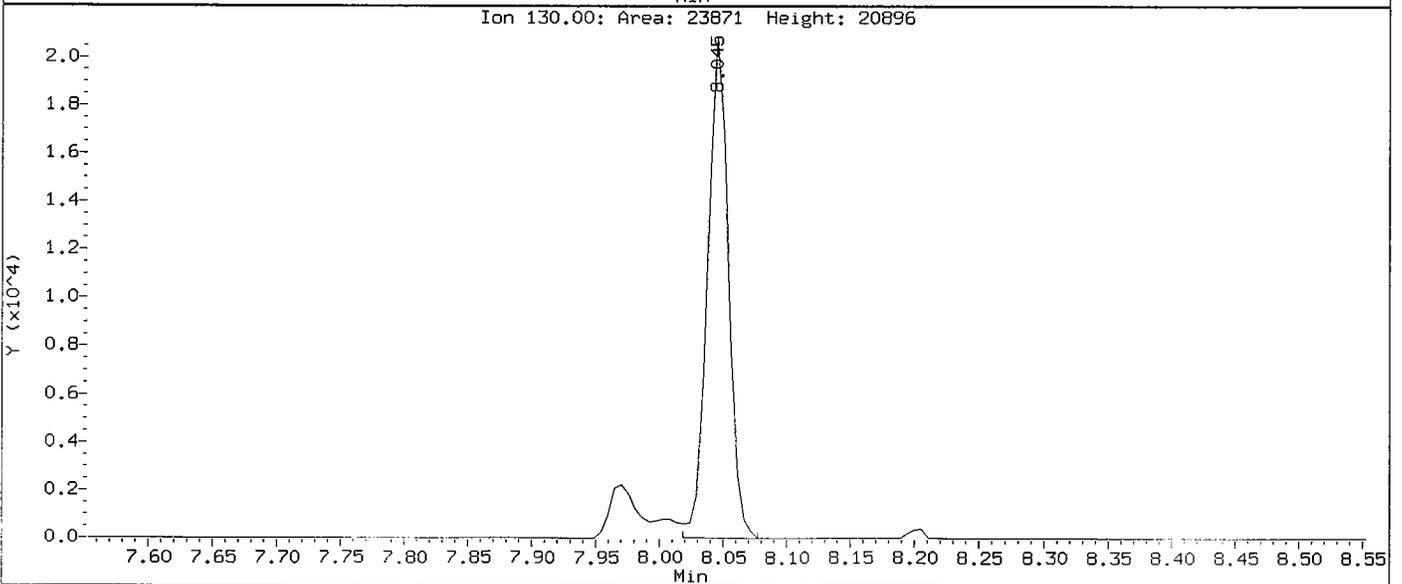
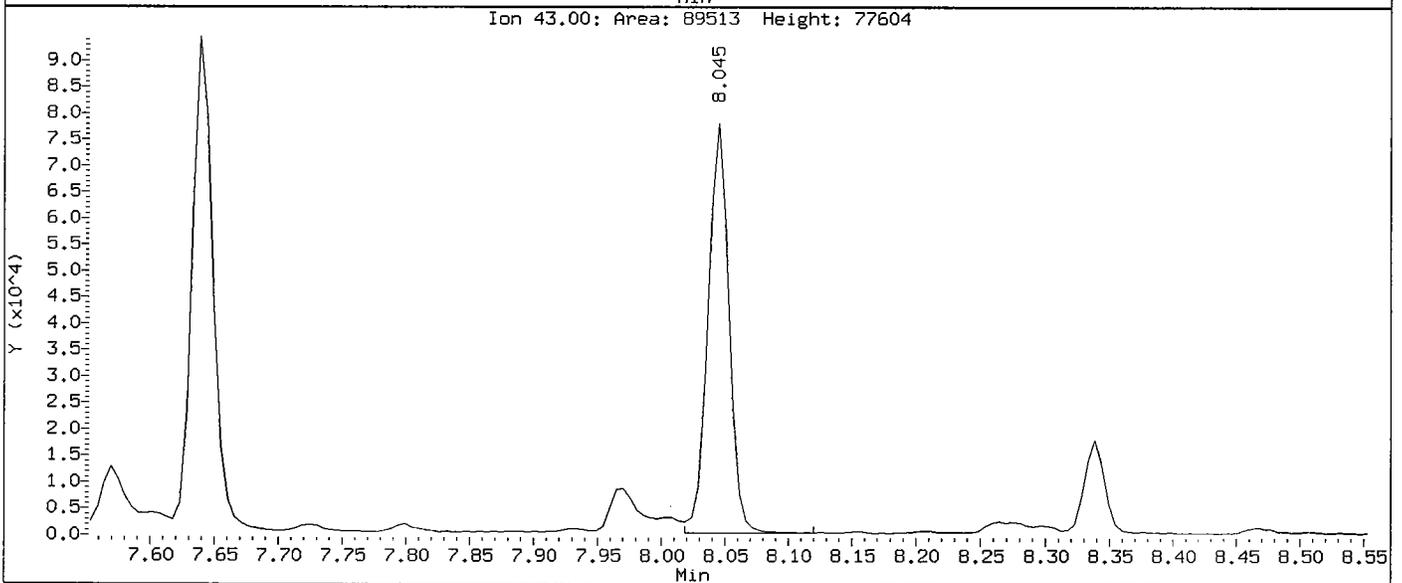
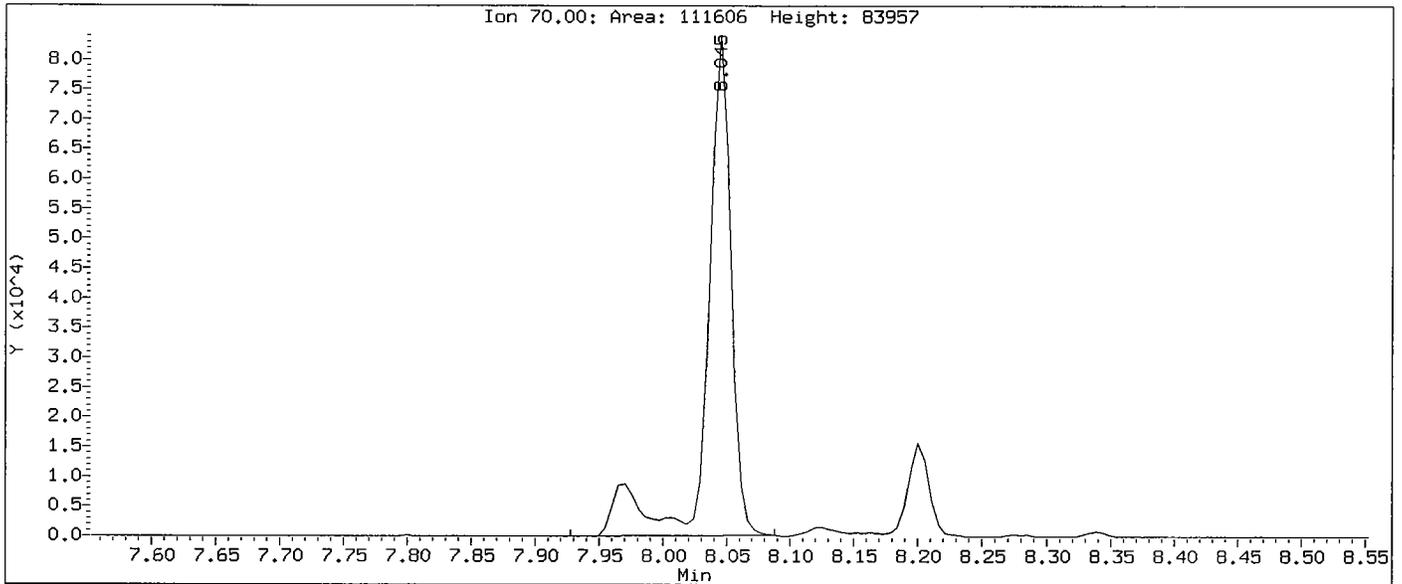
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Injection Date: 29-JUL-2005 16:53
Instrument: nt6.i
Client Sample ID: IH29LCS51

Compound: 1,2-Dichlorobenzene-d4
CAS Number: 2199-69-1



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Injection Date: 29-JUL-2005 16:53
Instrument: nt6.i
Client Sample ID: IH29LC551

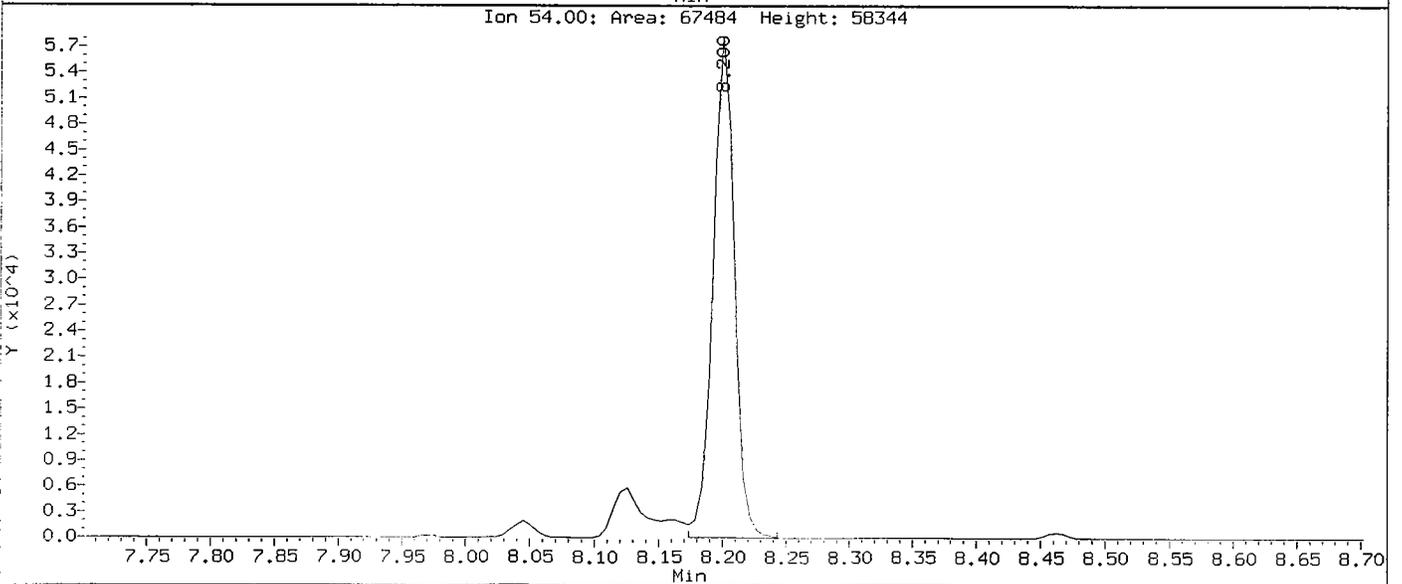
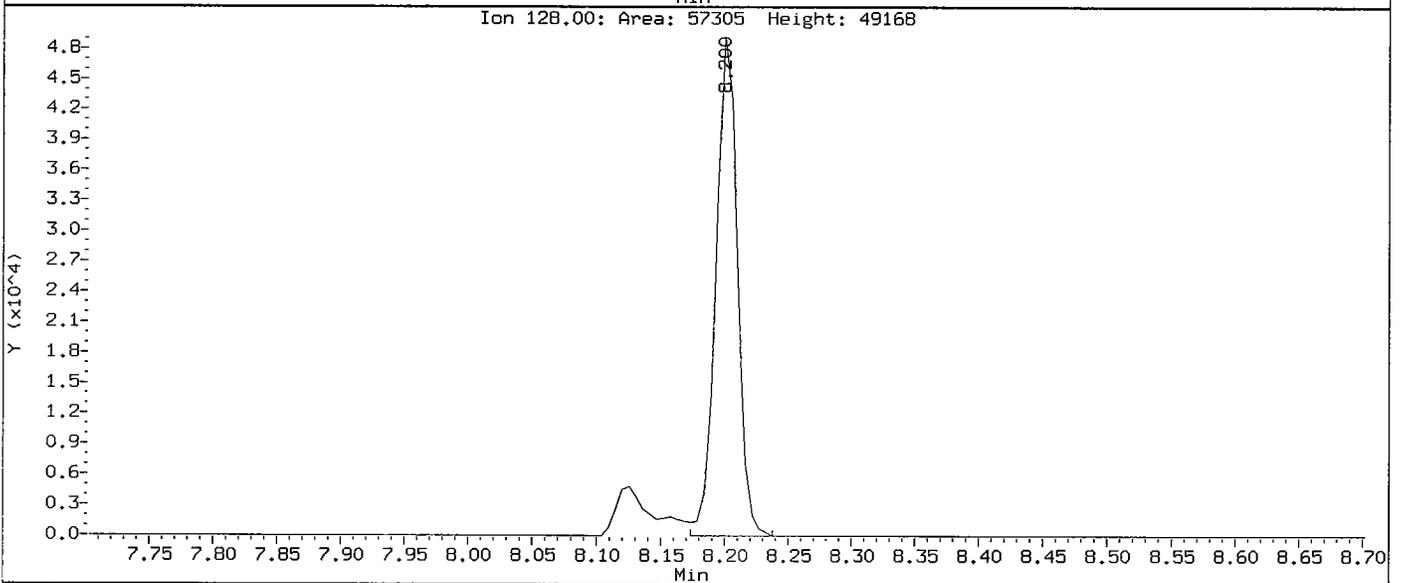
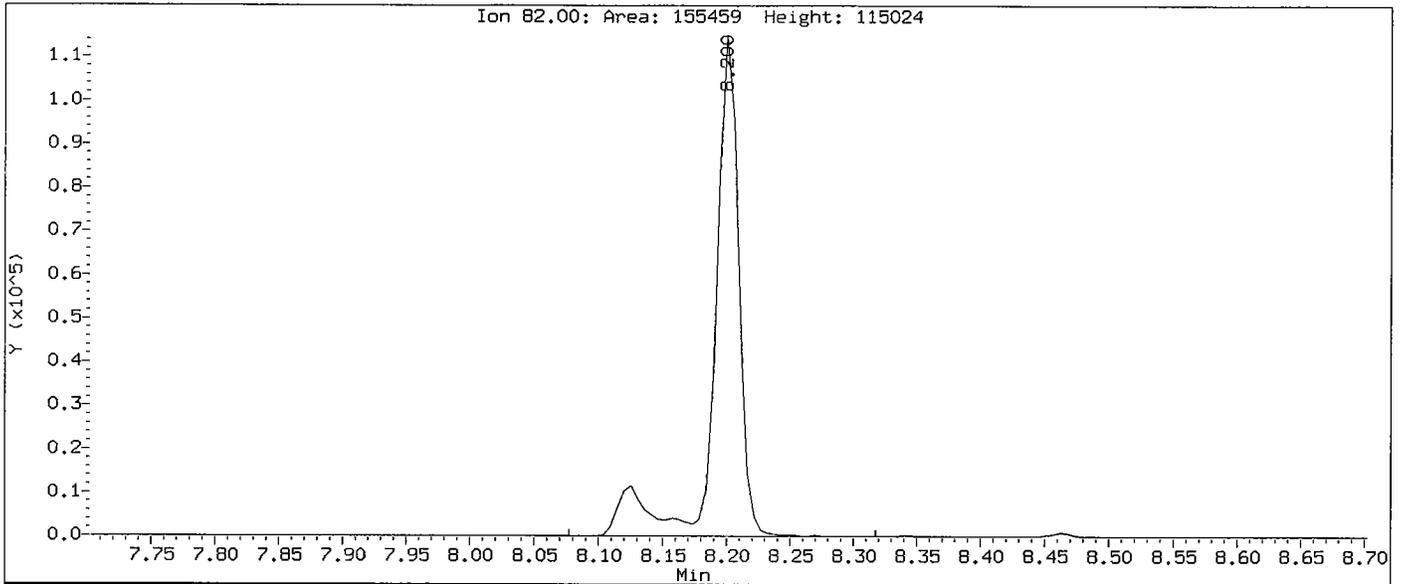
Compound: N-Nitroso-di-n-propylamine
CAS Number: 621-64-7



000567

Data File: /chem1/nt6.i/20050729.b/ih29sb.d
Injection Date: 29-JUL-2005 16:53
Instrument: nt6.i
Client Sample ID: IH29LCSS1

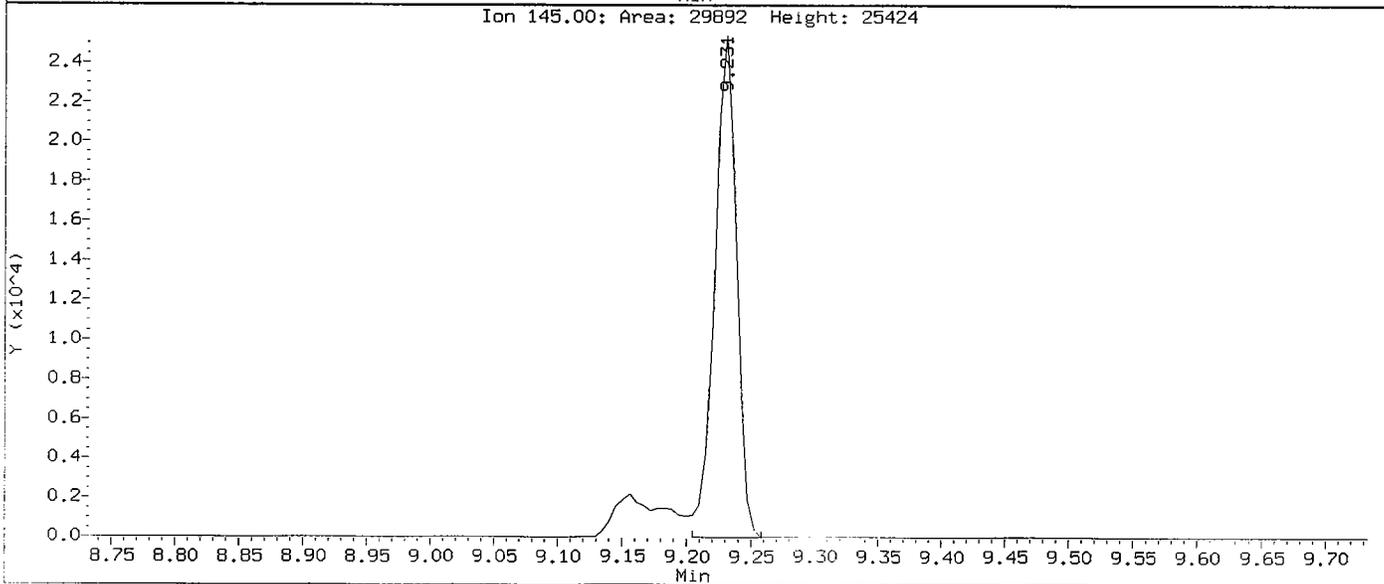
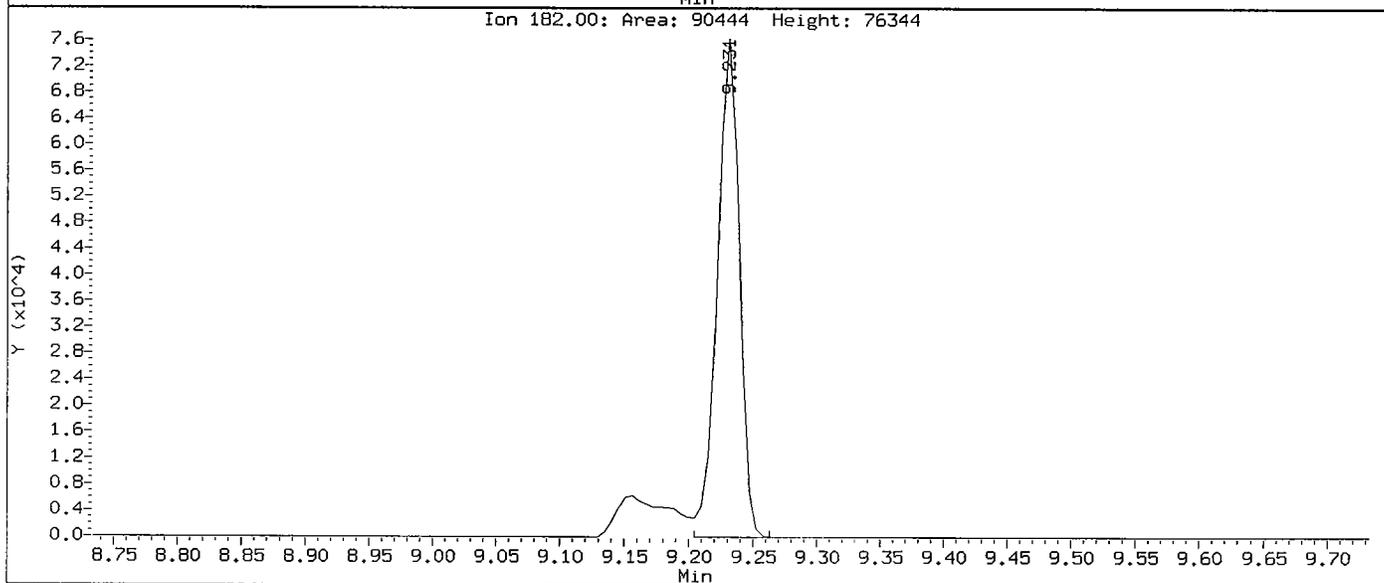
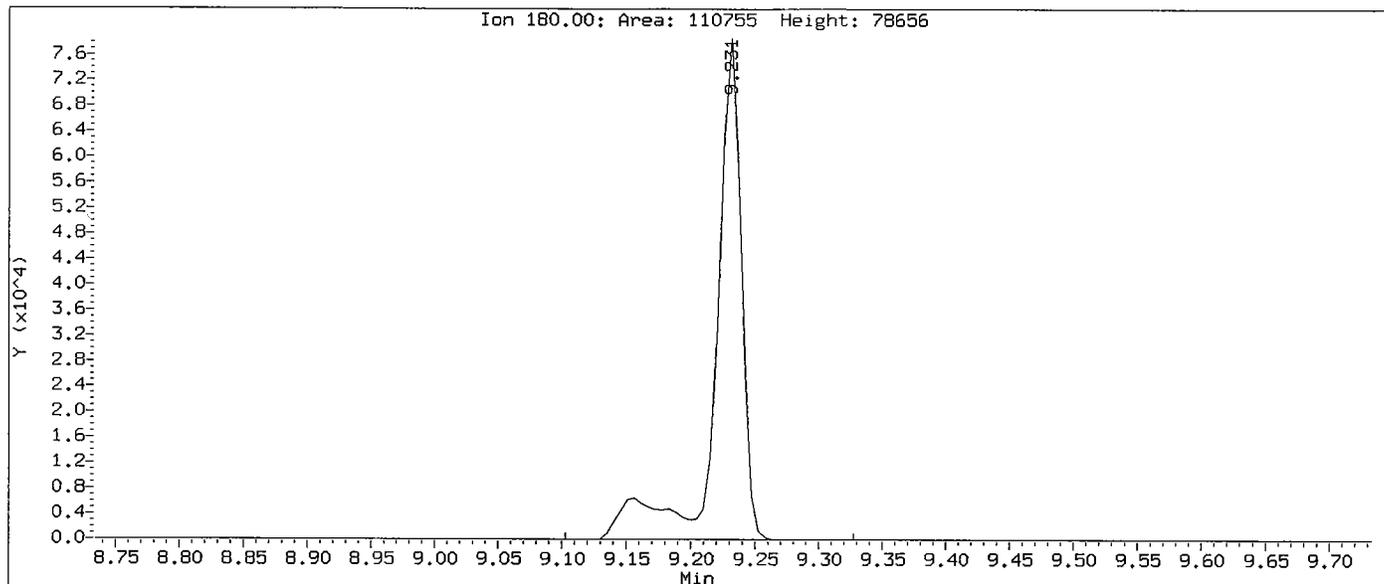
Compound: Nitrobenzene-d5
CAS Number: 4165-60-0



000568

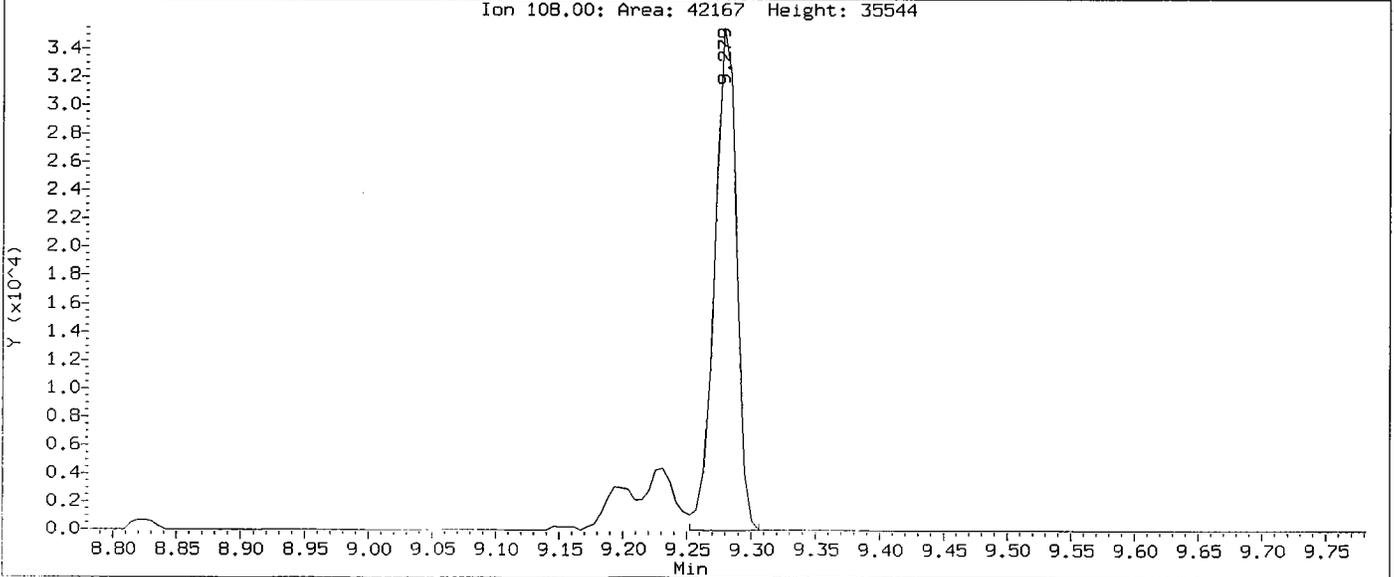
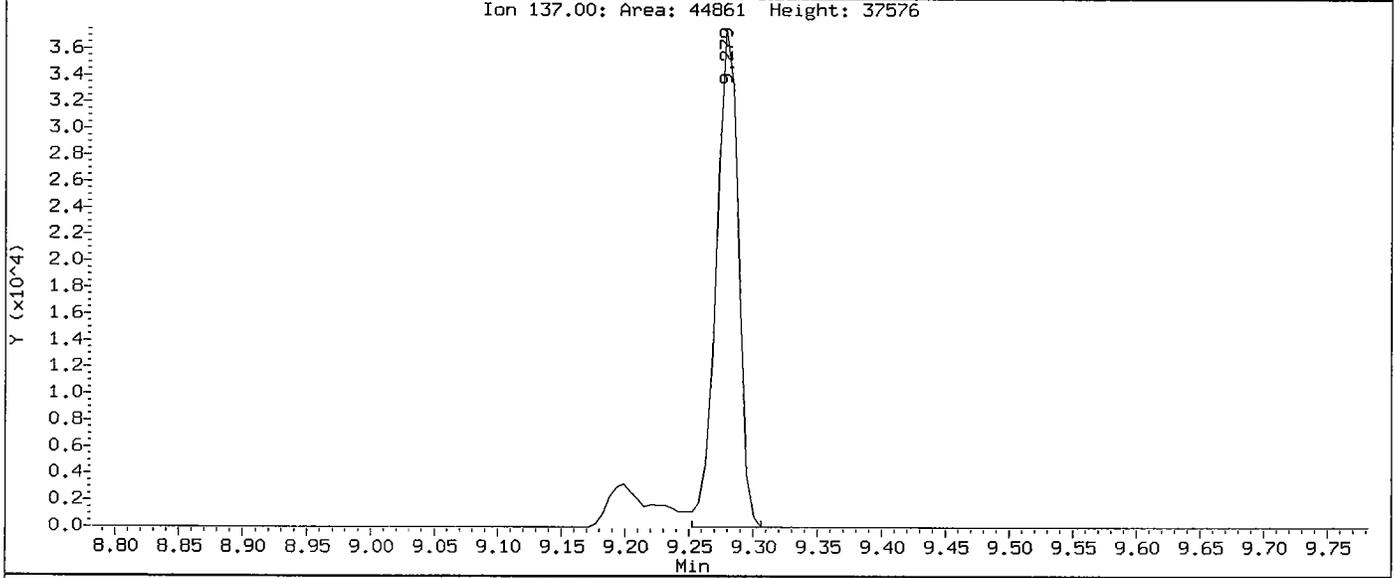
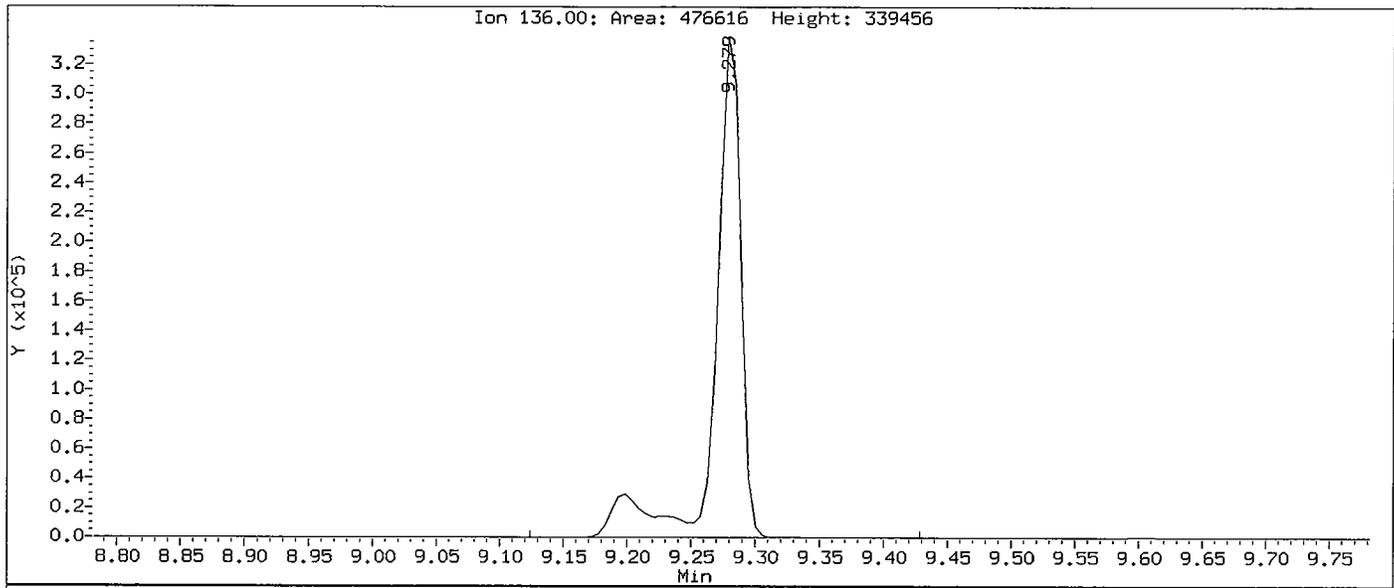
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Instrument: nt6.i
Client Sample ID: IH29LCSS1

Compound: 1,2,4-Trichlorobenzene
CAS Number: 120-82-1



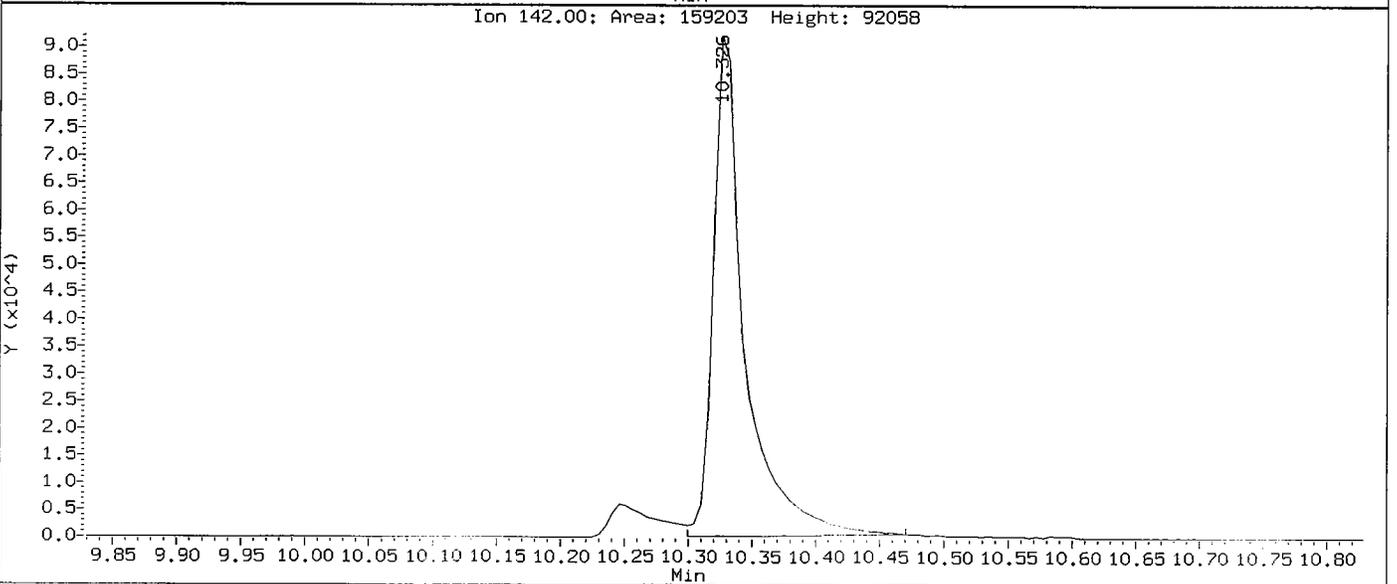
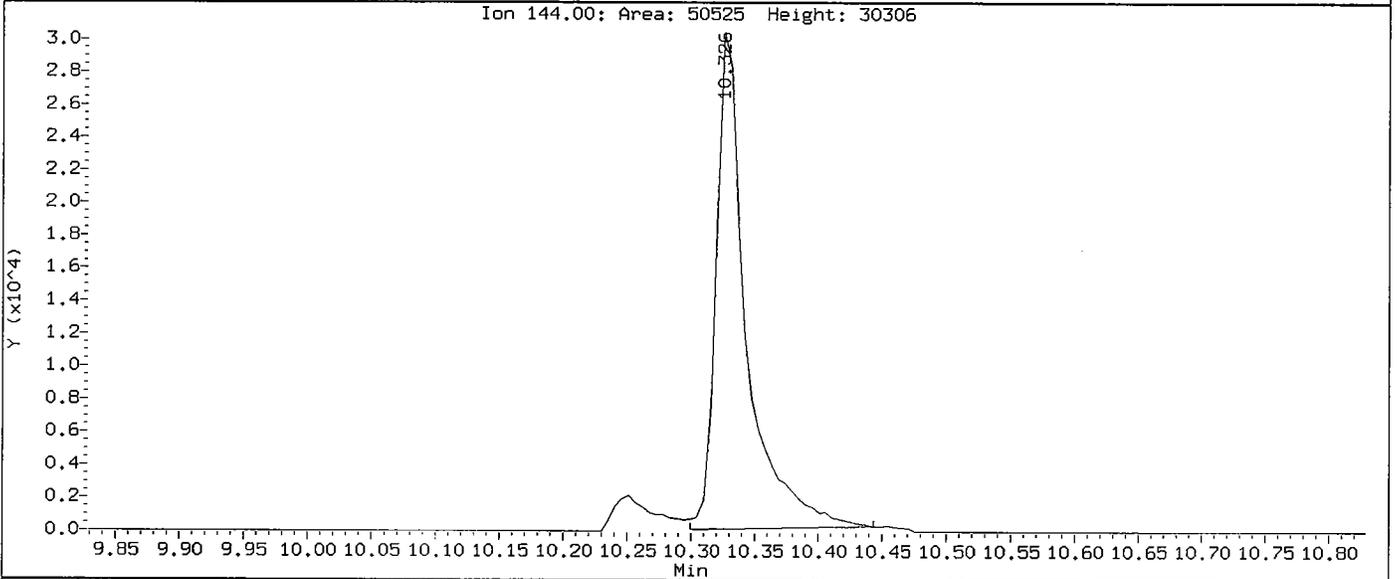
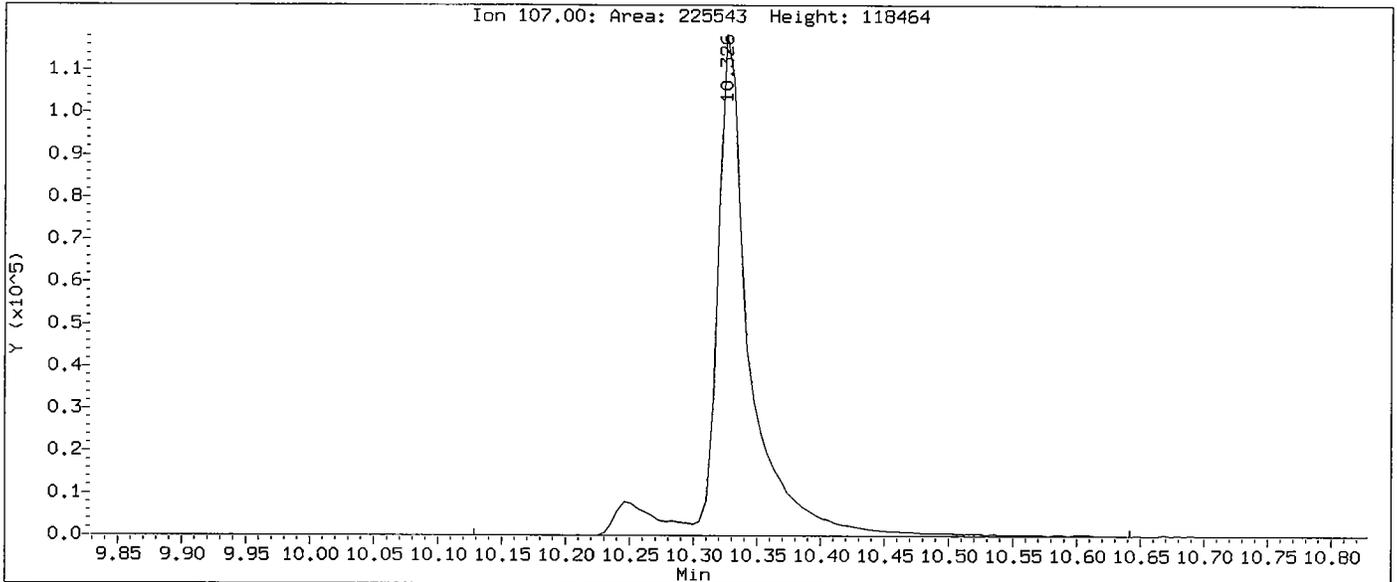
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Injection Date: 29-JUL-2005 16:53
Instrument: nt6.i
Client Sample ID: IH29LCSS1

Compound: Naphthalene-d8
CAS Number: 1146-65-2



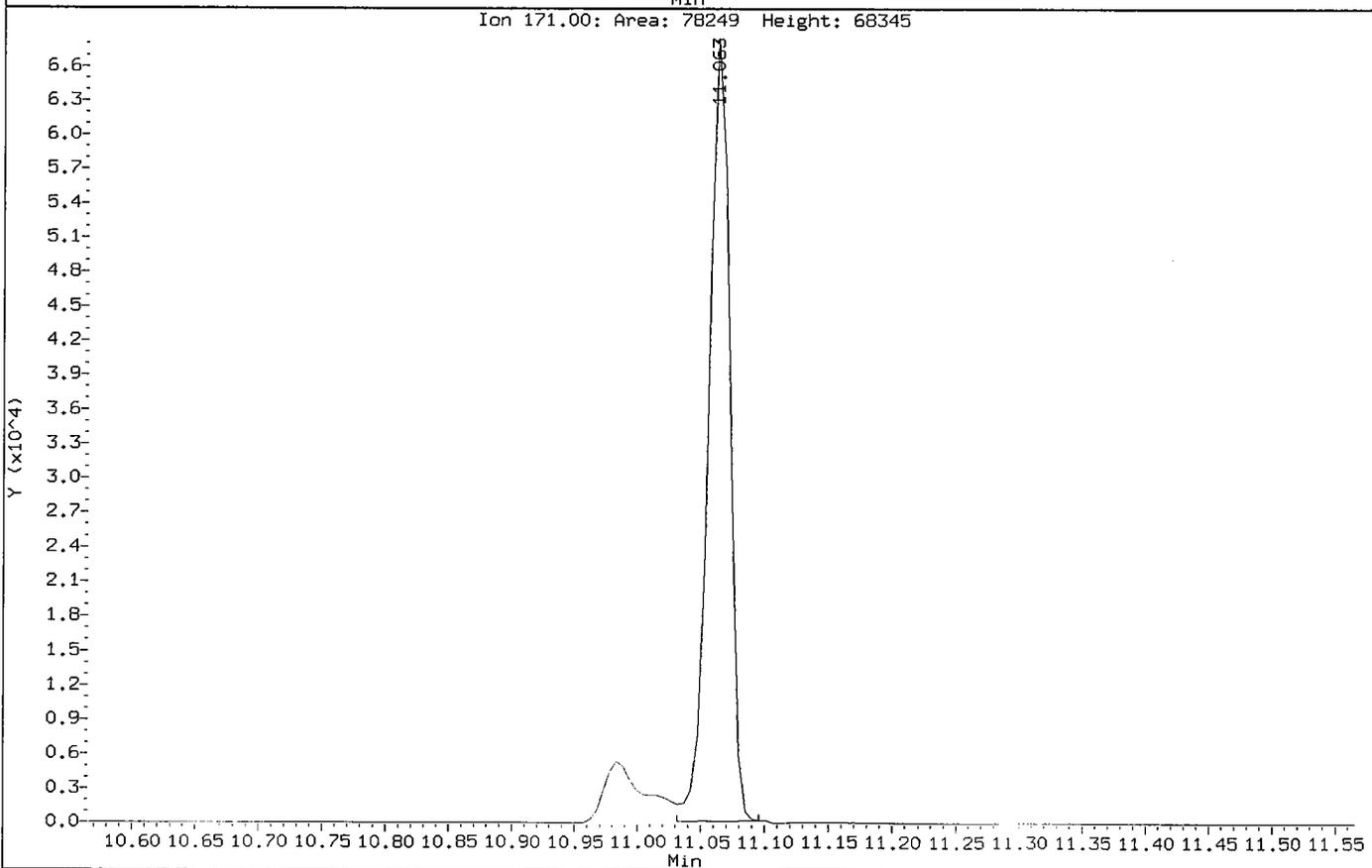
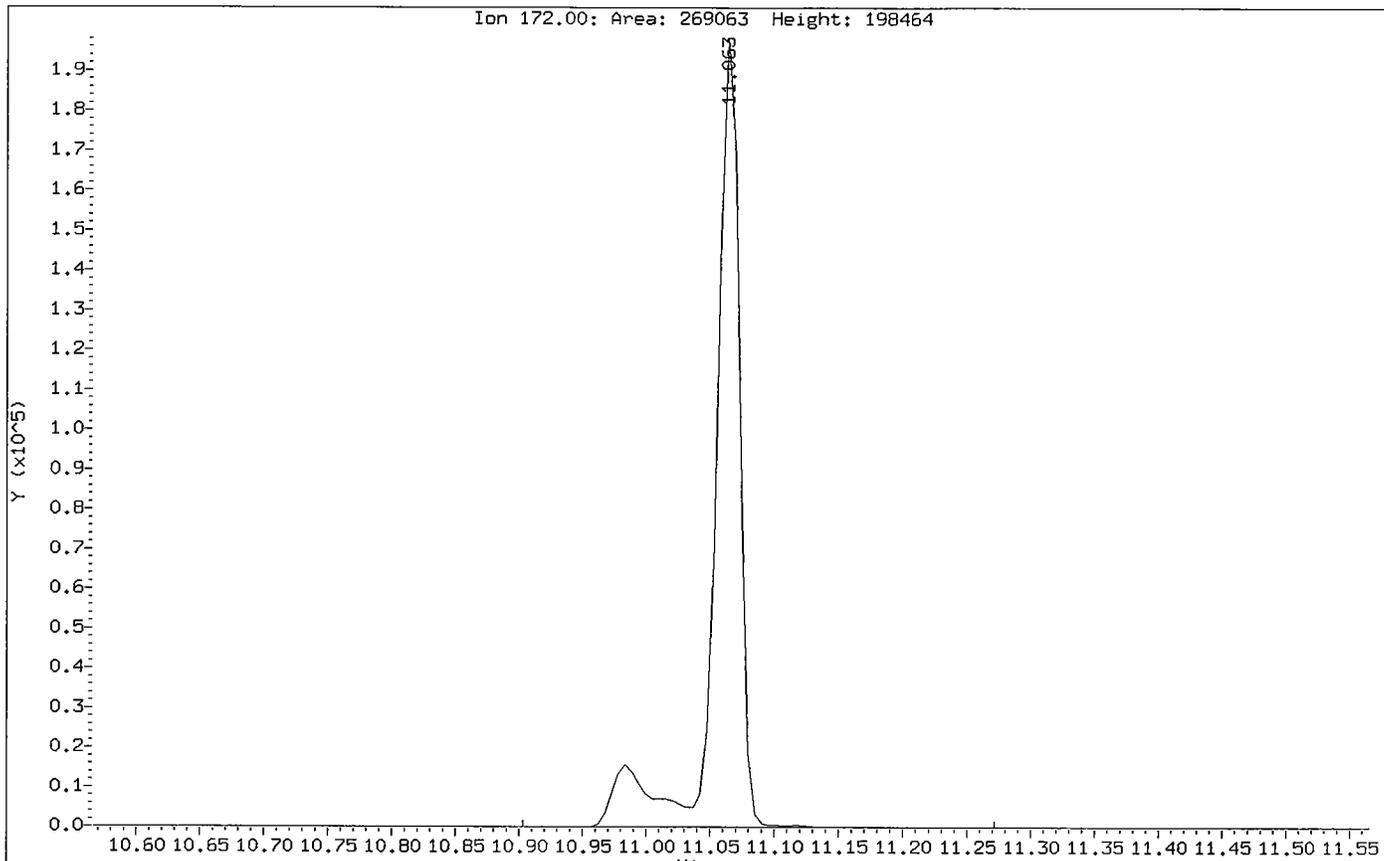
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Instrument: nt6.i
Client Sample ID: IH29LCSS1

Compound: 4-Chloro-3-methylphenol
CAS Number: 59-50-7



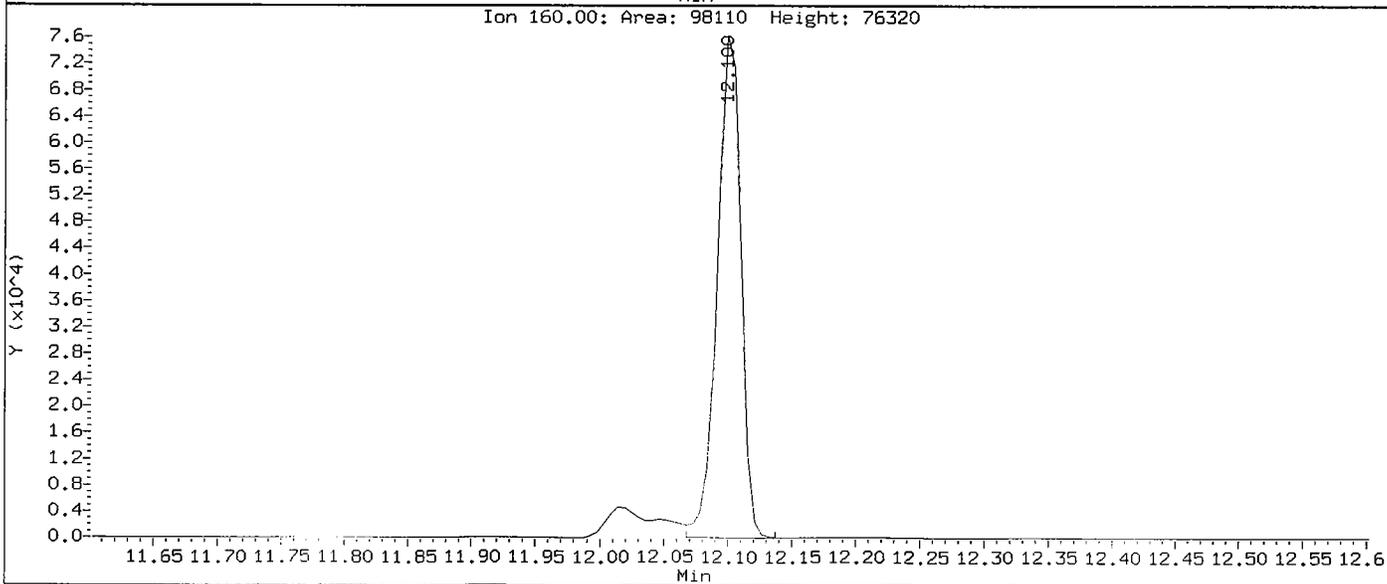
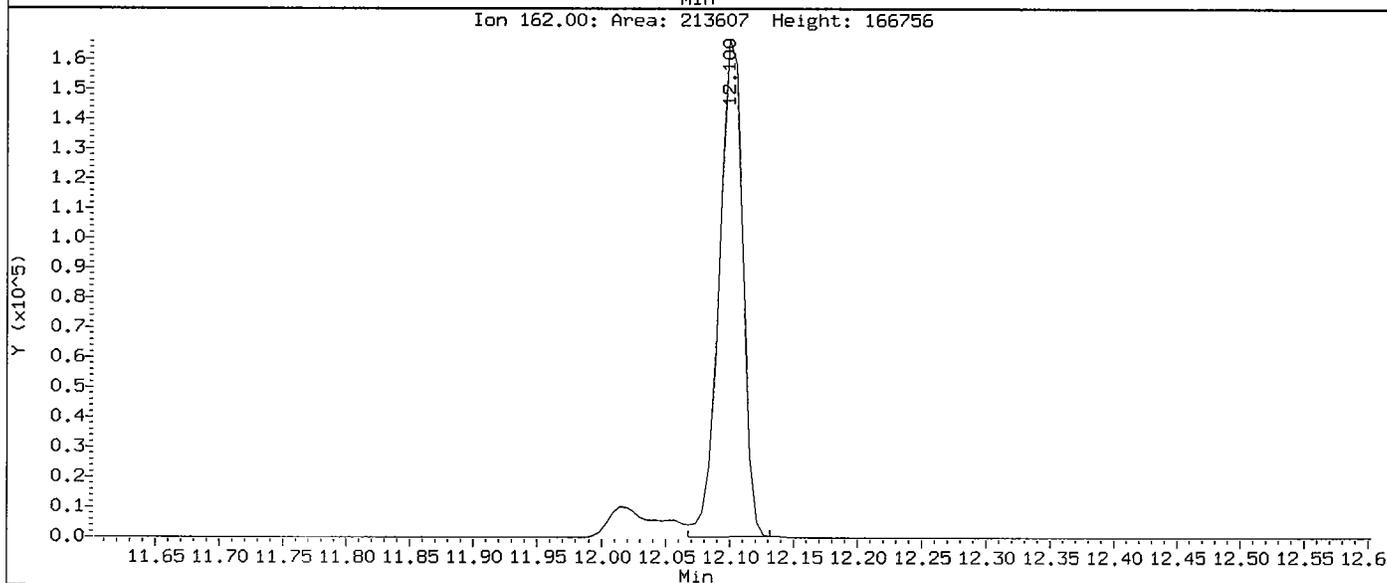
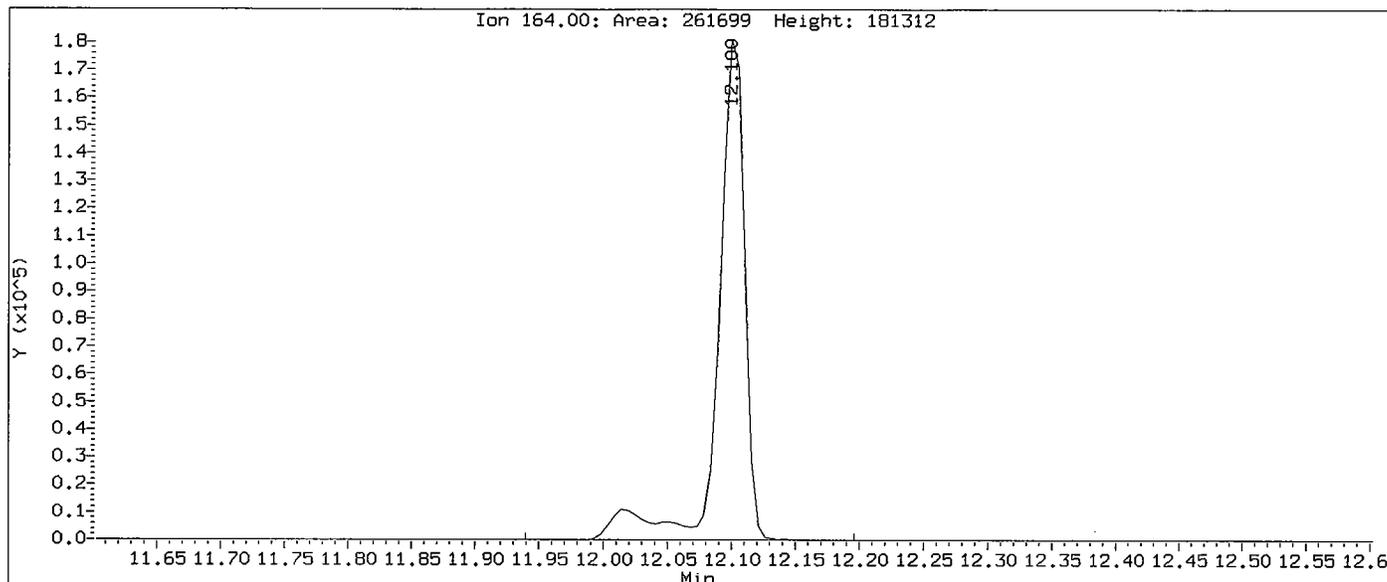
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Instrument: nt6.i
Client Sample ID: IH29LCSS1

Compound: 2-Fluorobiphenyl
CAS Number: 321-60-8



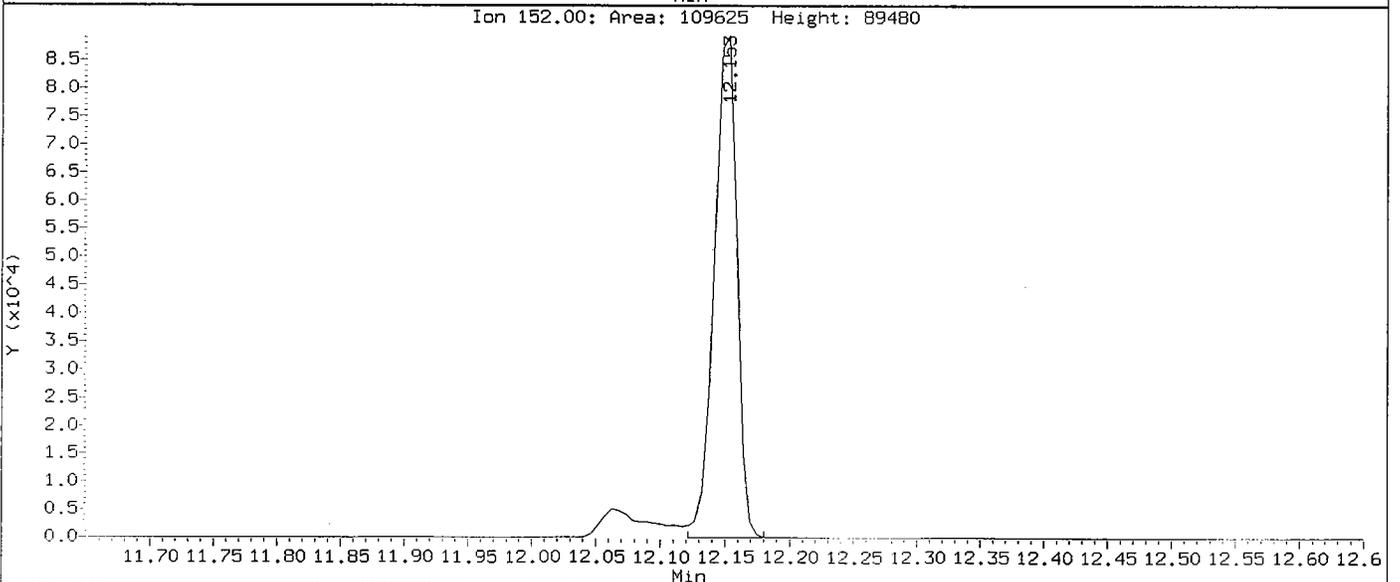
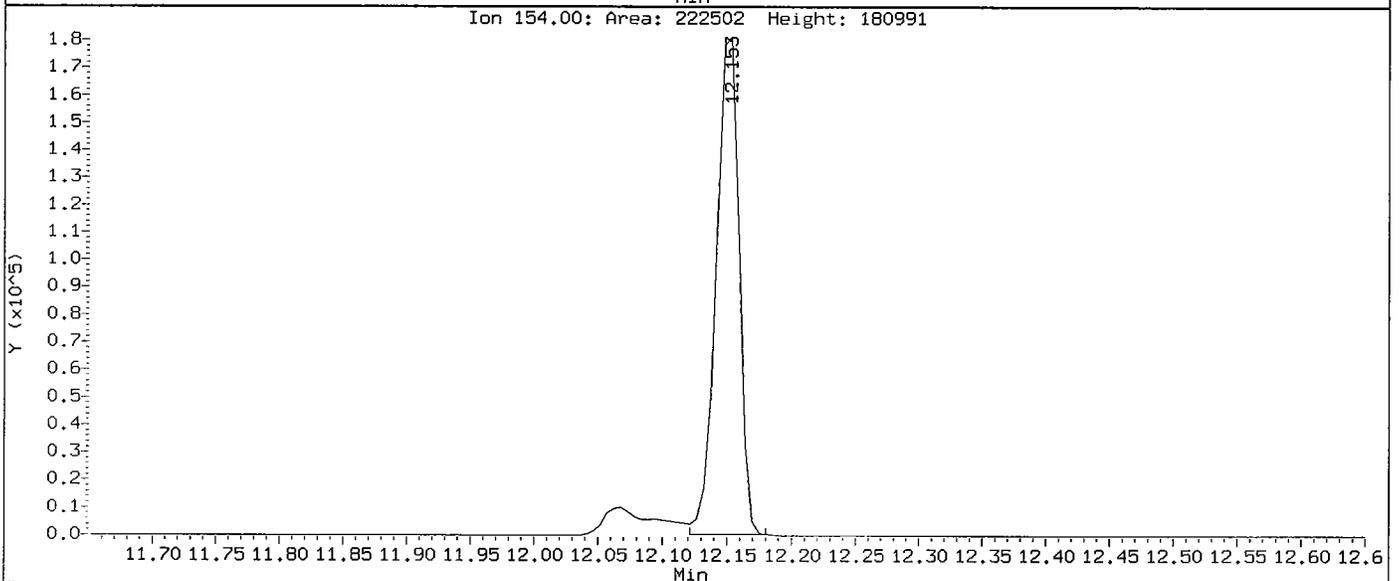
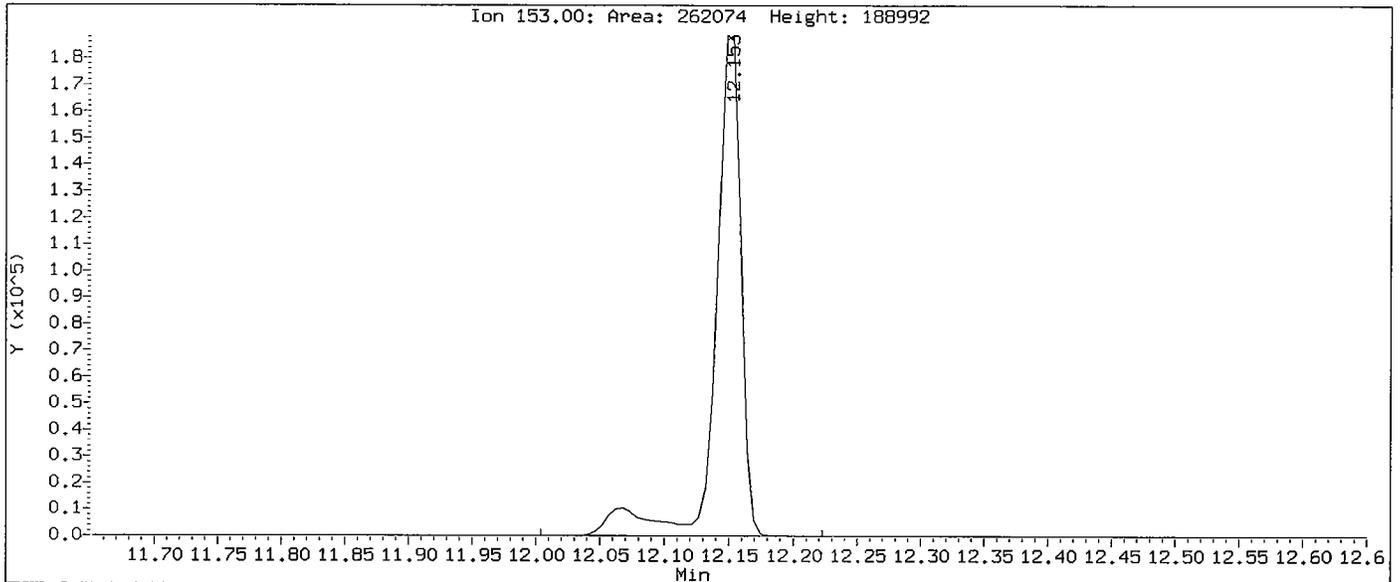
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Compound: Acenaphthene-d10
CAS Number:



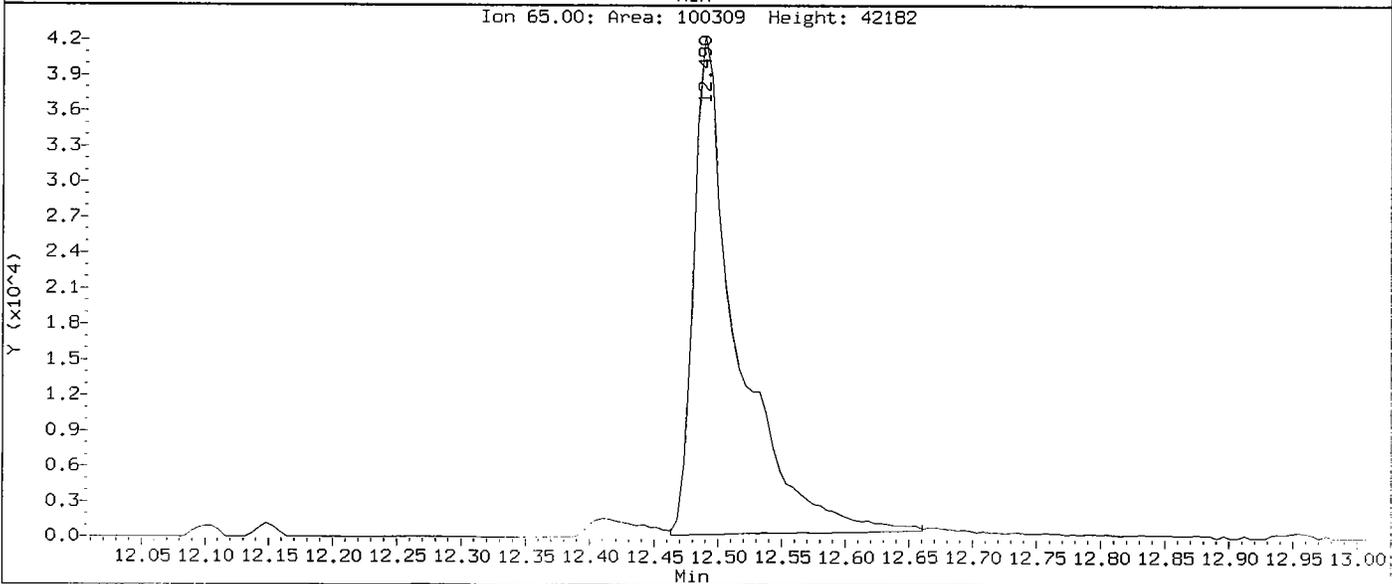
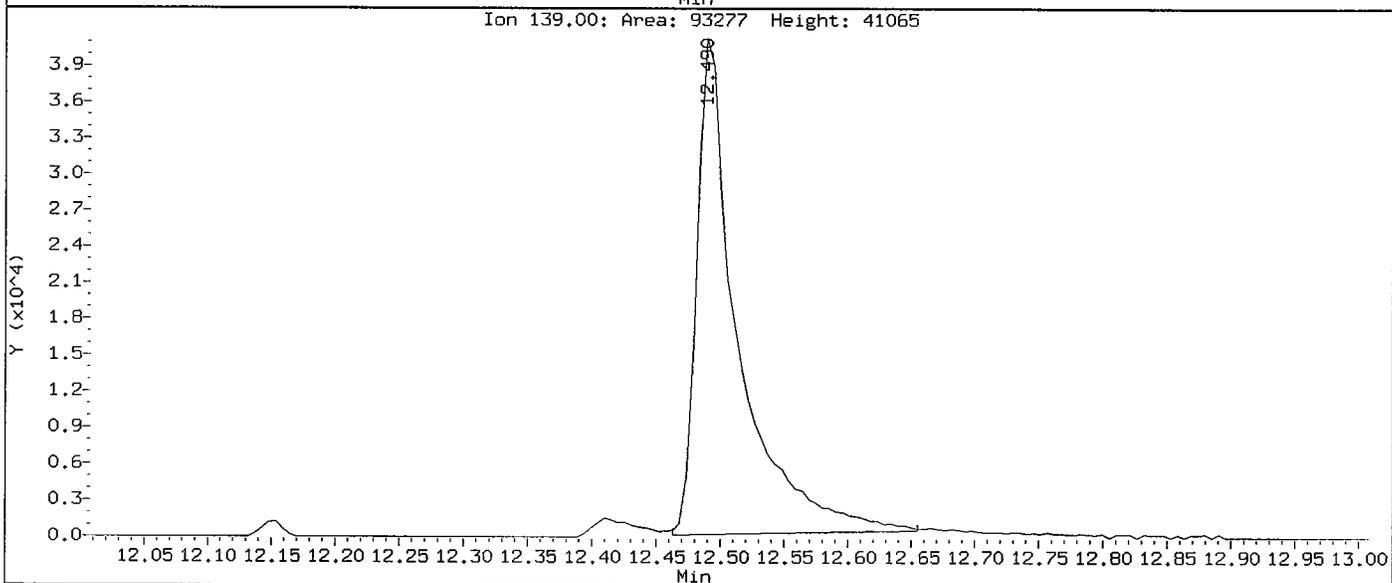
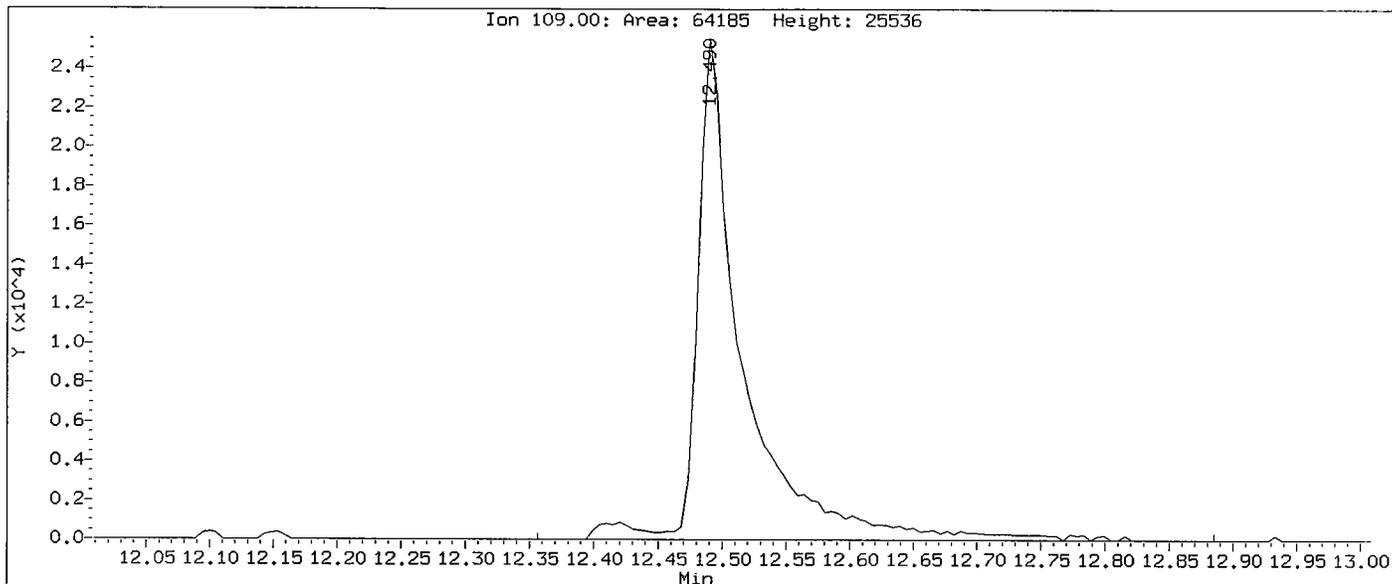
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Injection Date: 29-JUL-2005 16:53
Instrument: nt6.i
Client Sample ID: IH29LCSS1

Compound: Acenaphthene
CAS Number: 83-32-9



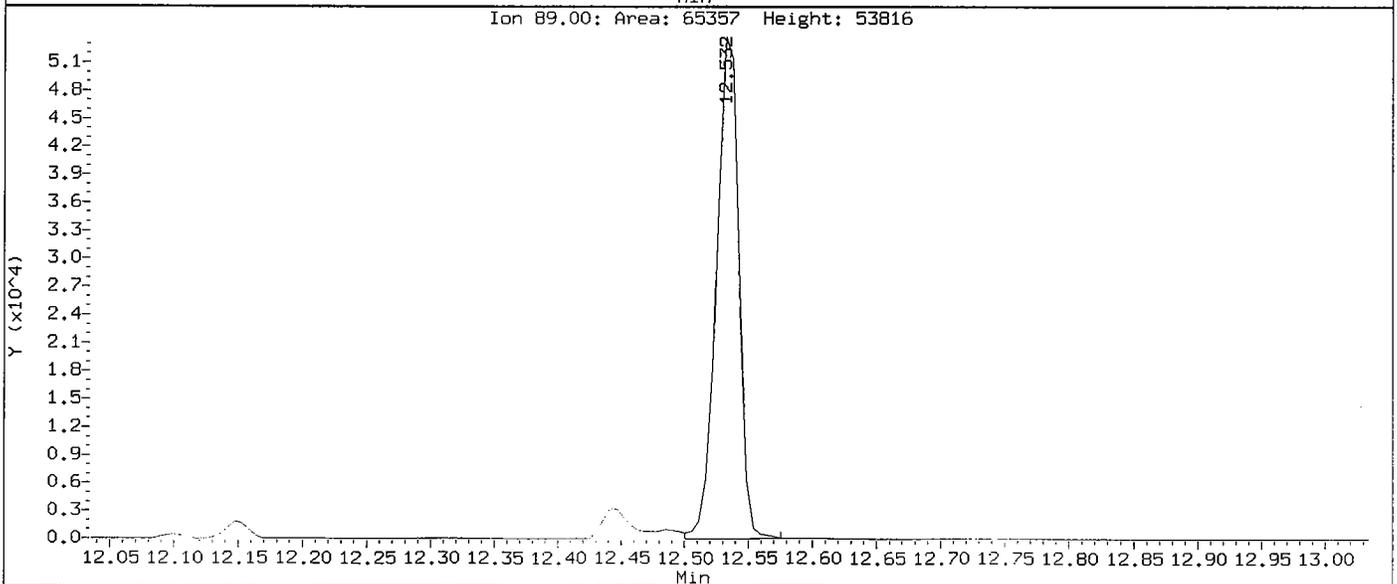
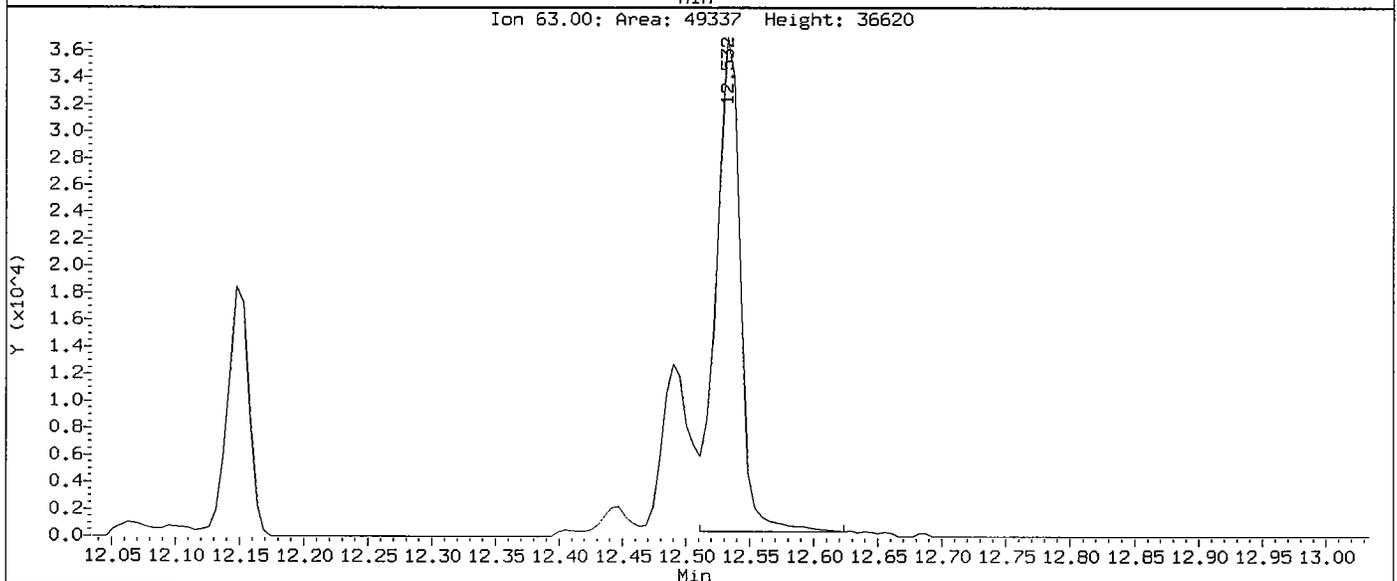
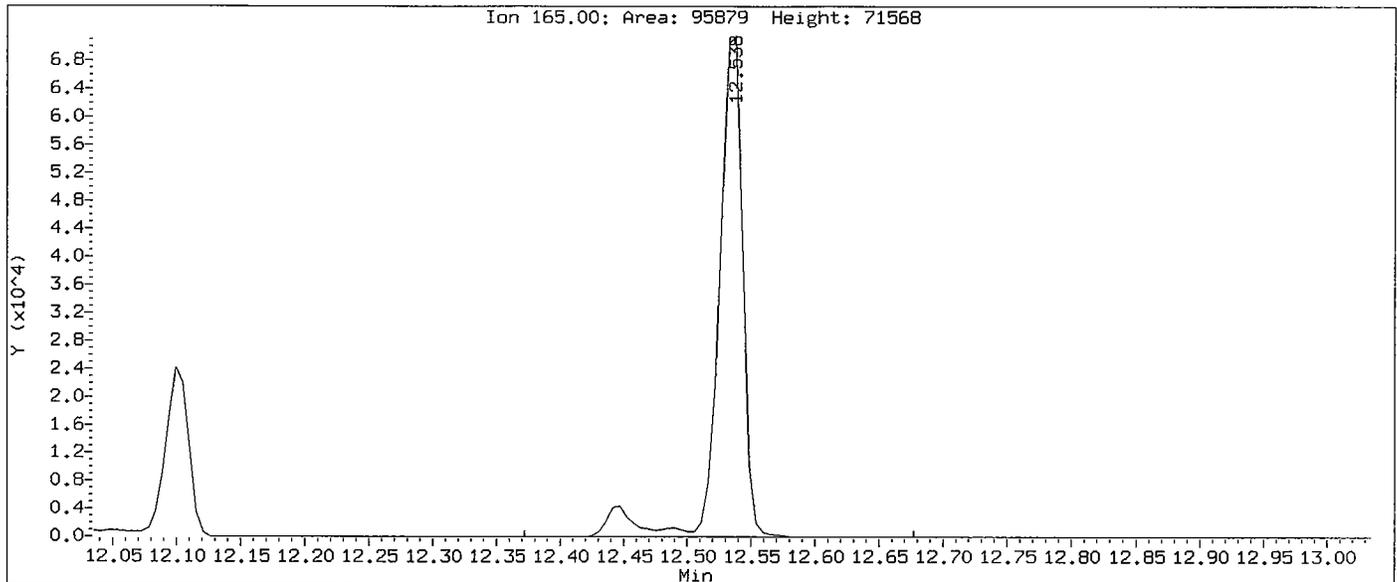
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Injection Date: 29-JUL-2005 16:53
Instrument: nt6.i
Client Sample ID: IH29LCSS1

Compound: 4-Nitrophenol
CAS Number: 100-02-7



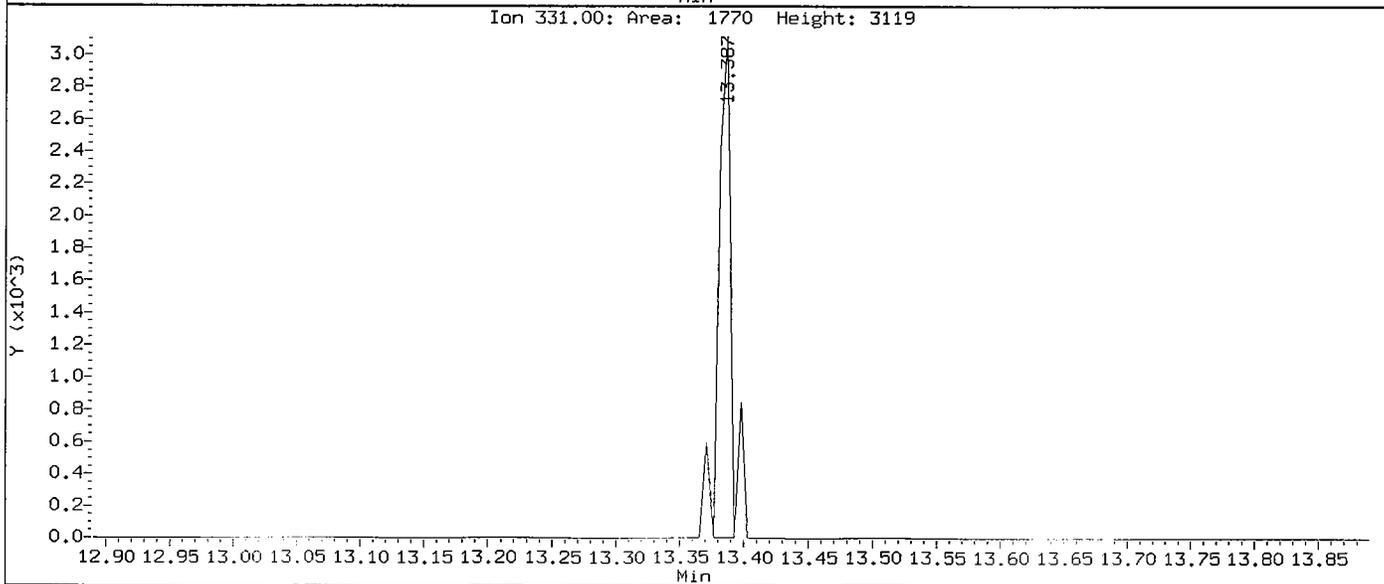
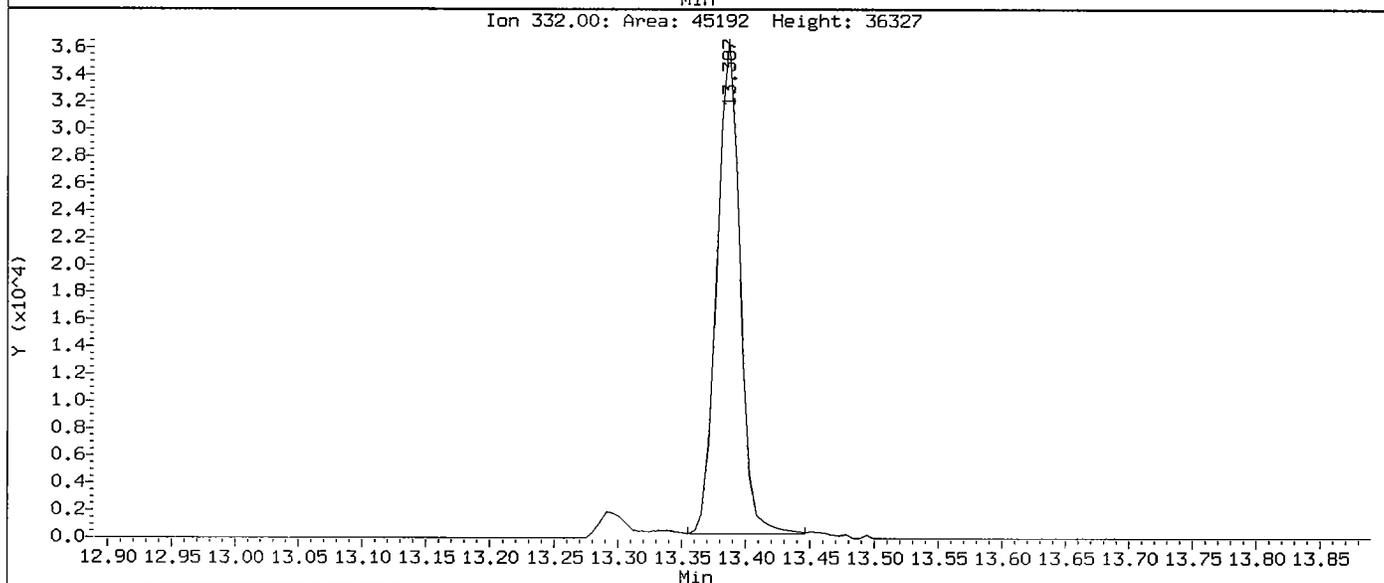
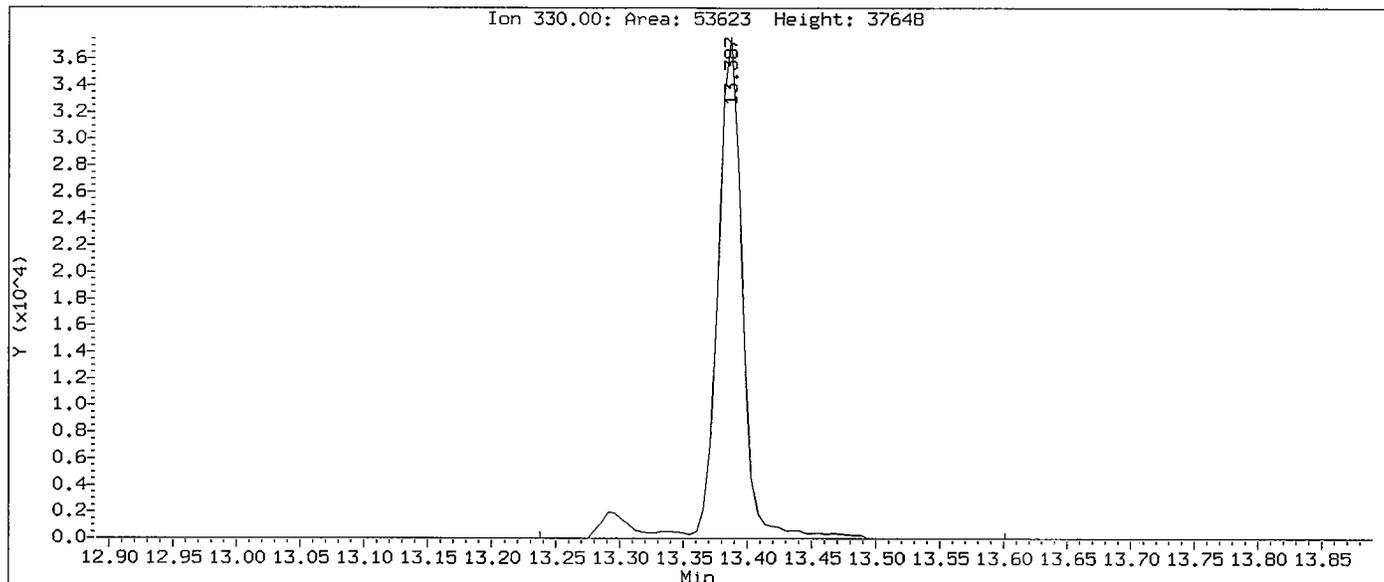
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Instrument: nt6.i
Client Sample ID: IH29LCSS1

Compound: 2,4-Dinitrotoluene
CAS Number: 121-14-2



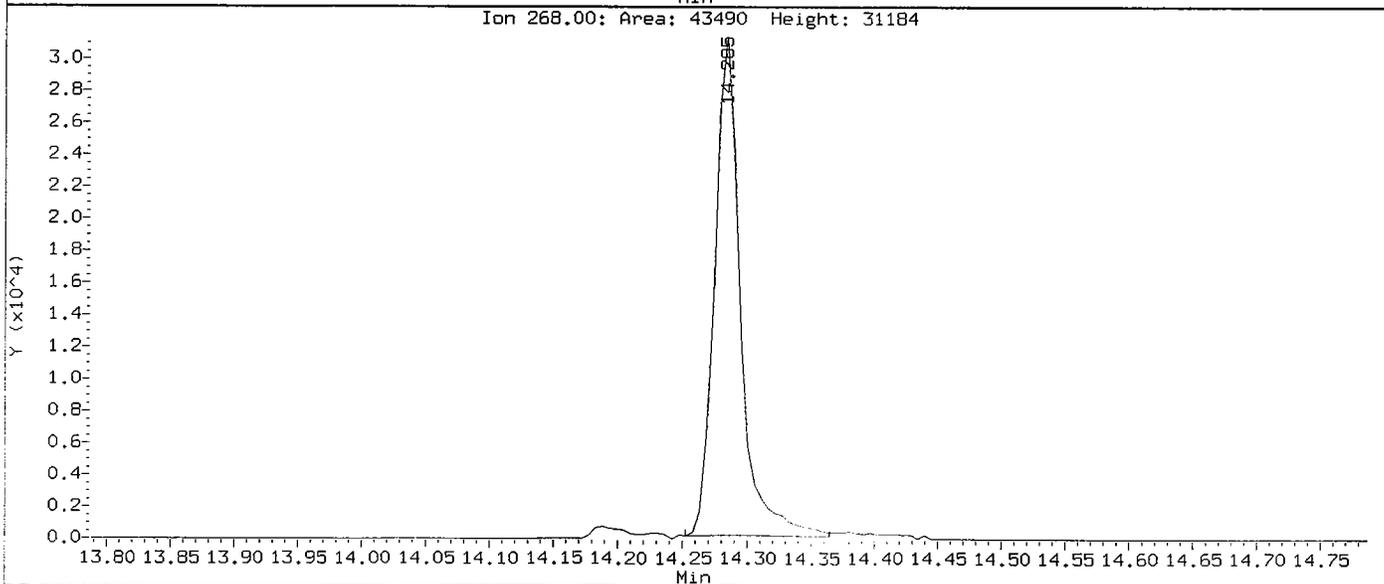
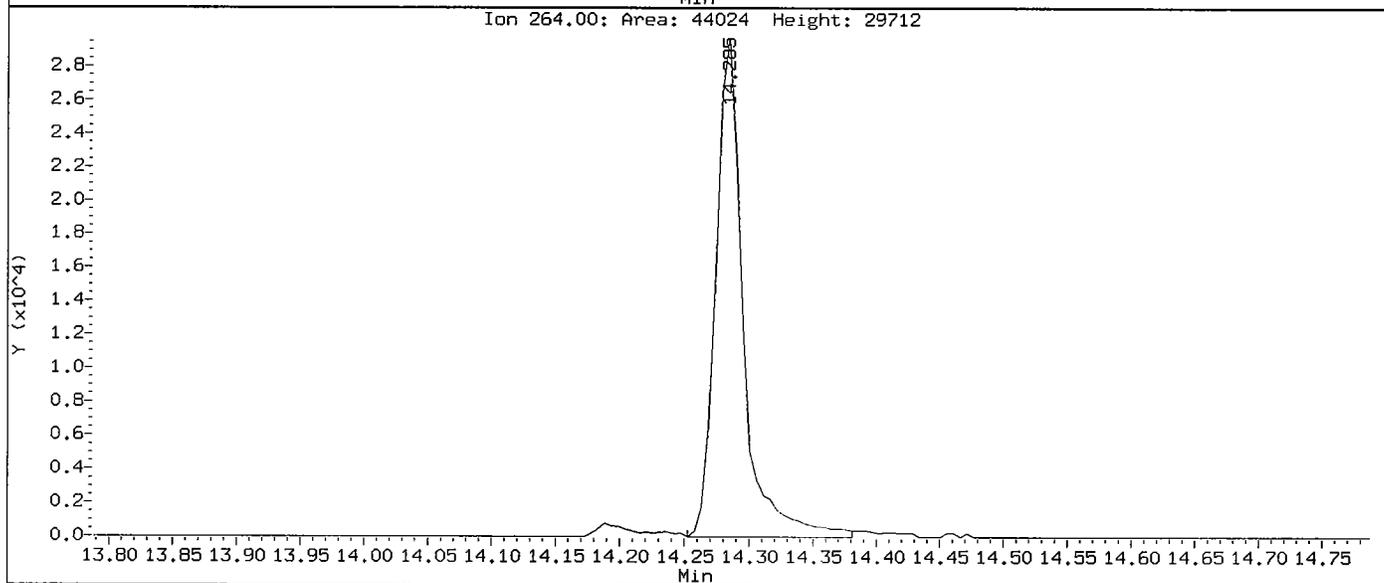
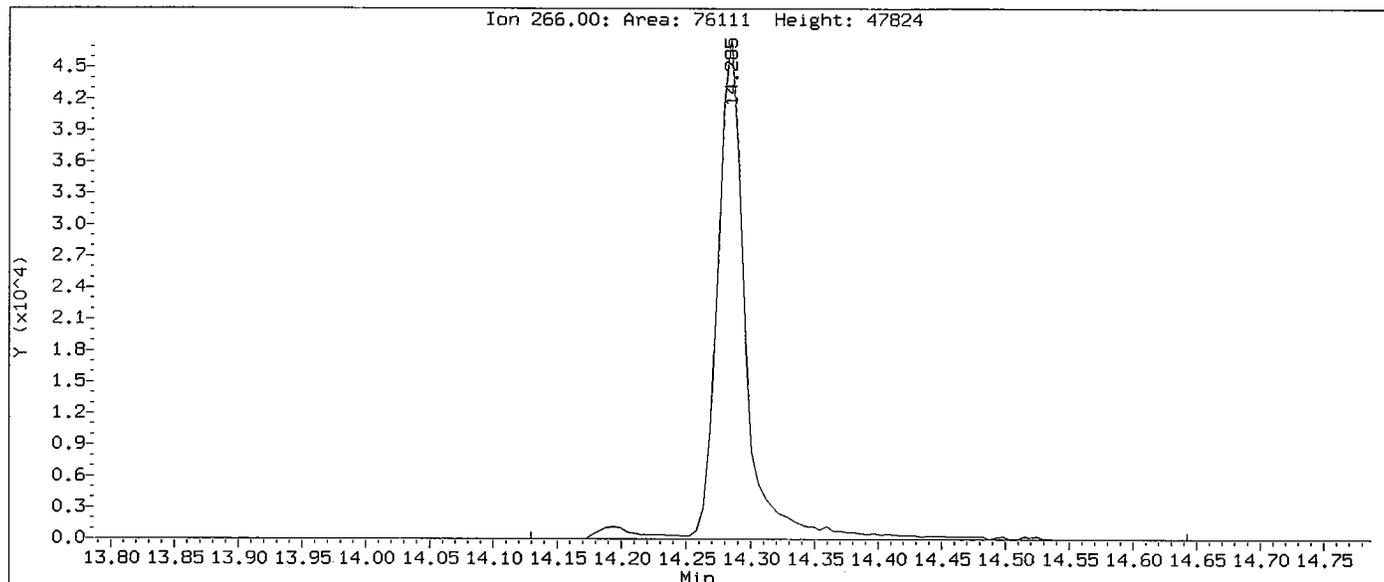
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Injection Date: 29-JUL-2005 16:53
Instrument: nt6.i
Client Sample ID: IH29LCSS1

Compound: 2,4,6-Tribromophenol
CAS Number: 118-79-6



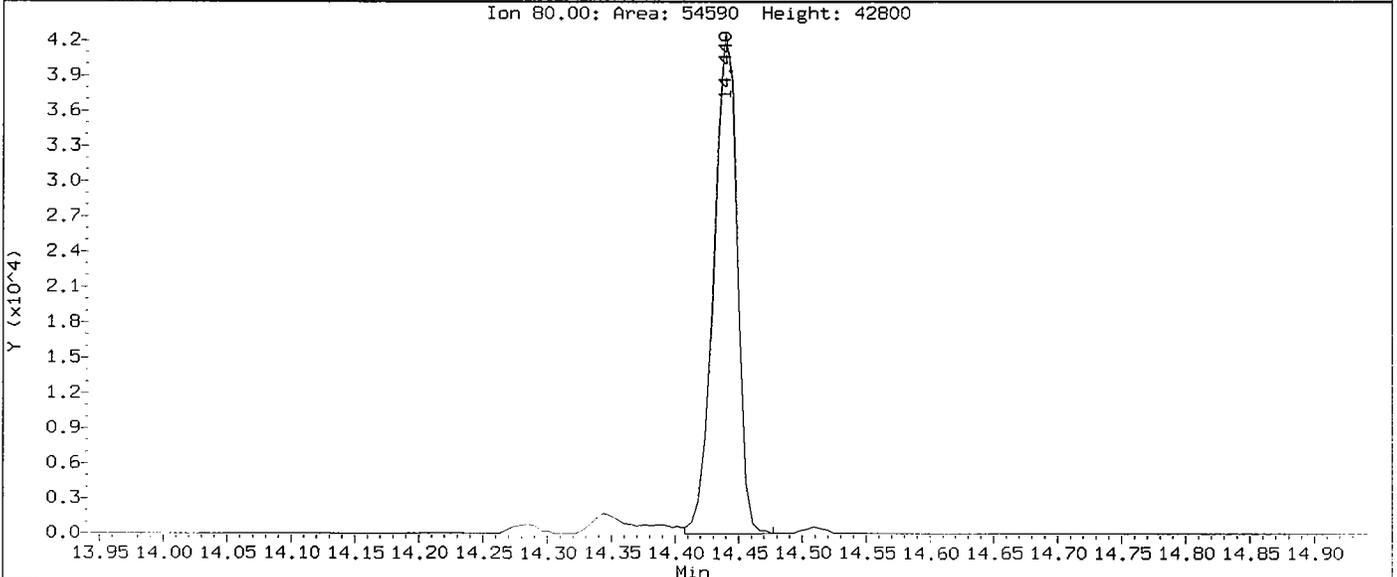
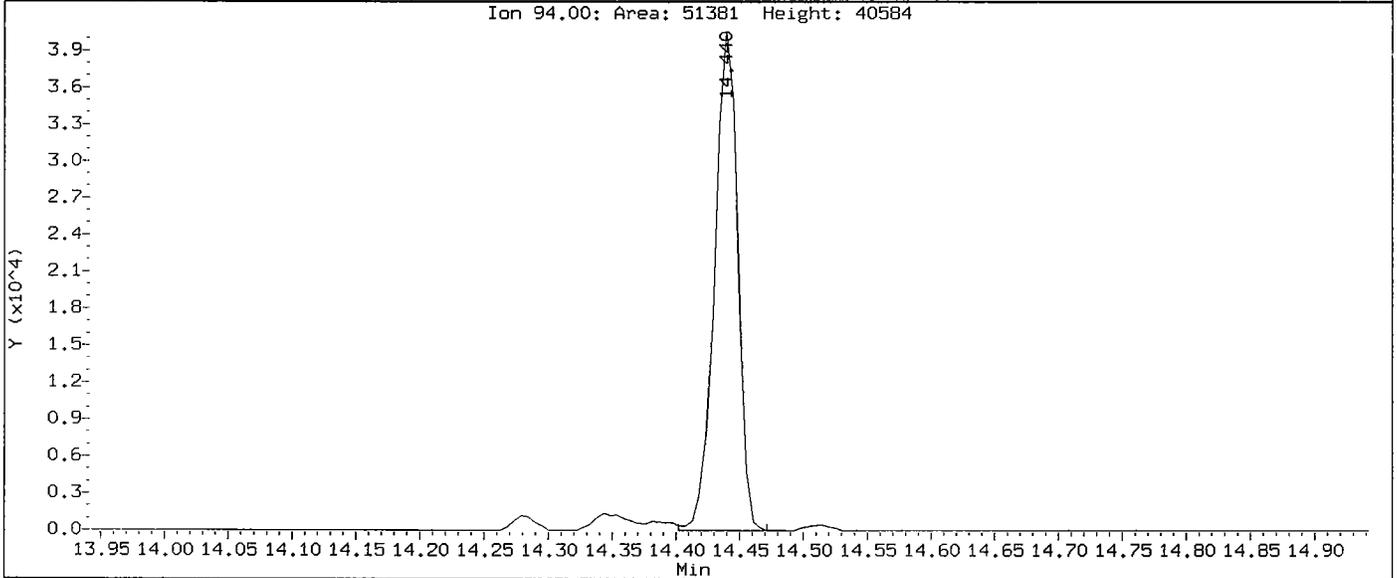
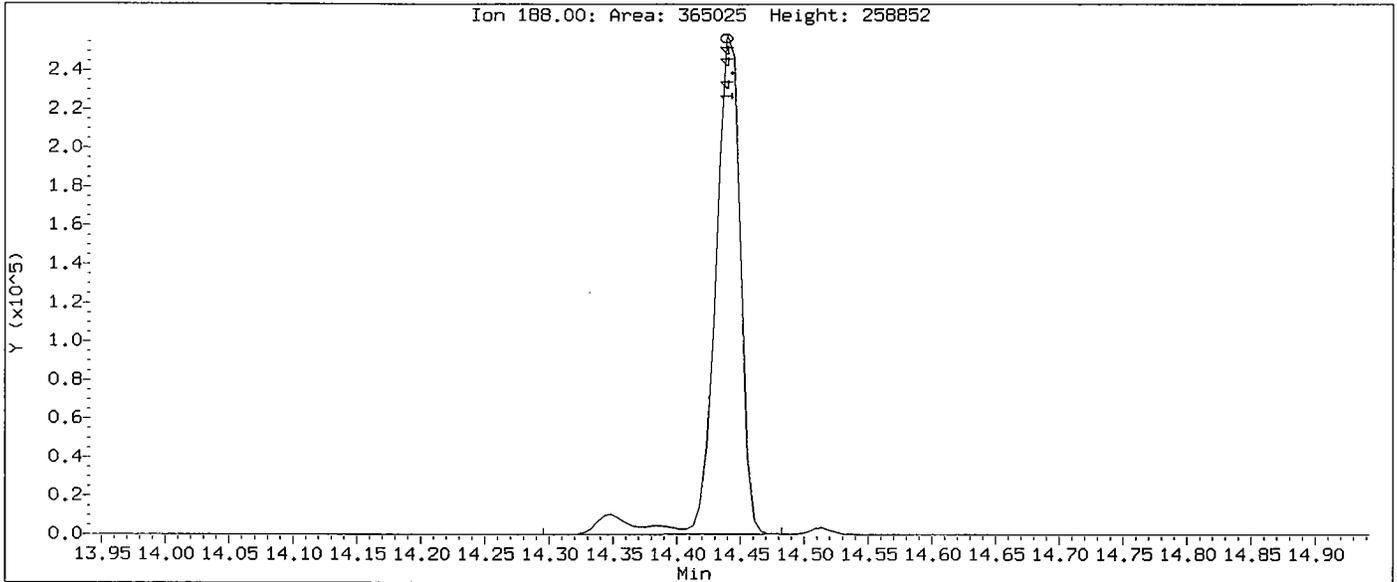
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Instrument: nt6.1
Client Sample ID: IH29LCSS1

Compound: Pentachlorophenol
CAS Number: 87-86-5



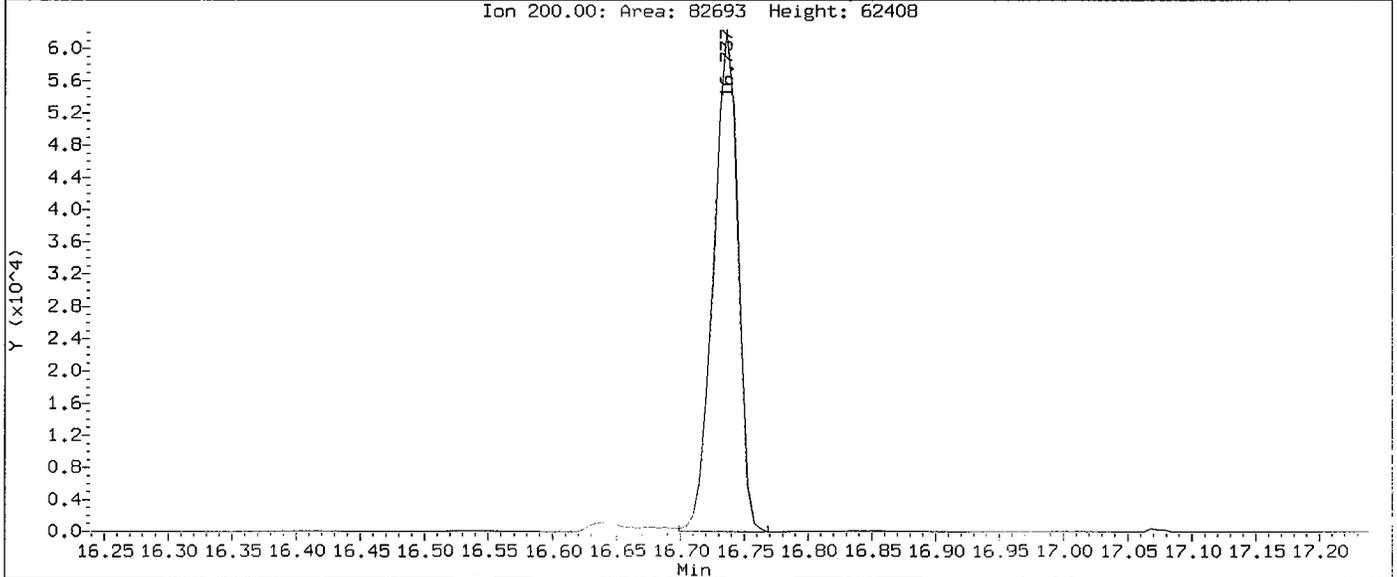
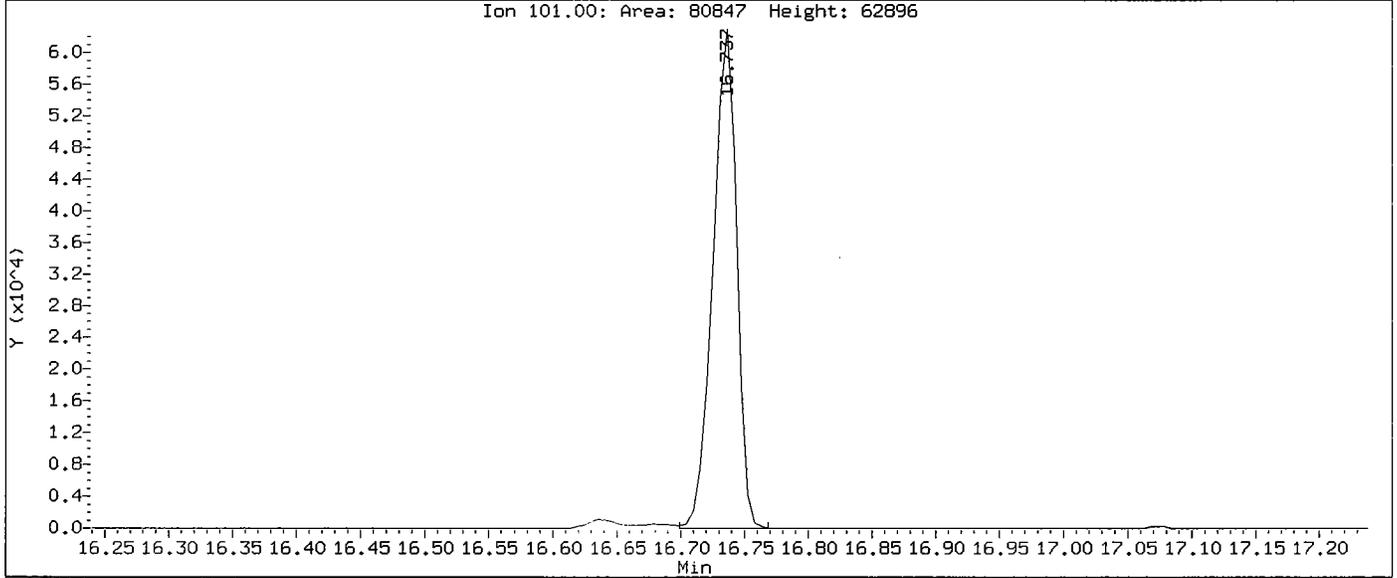
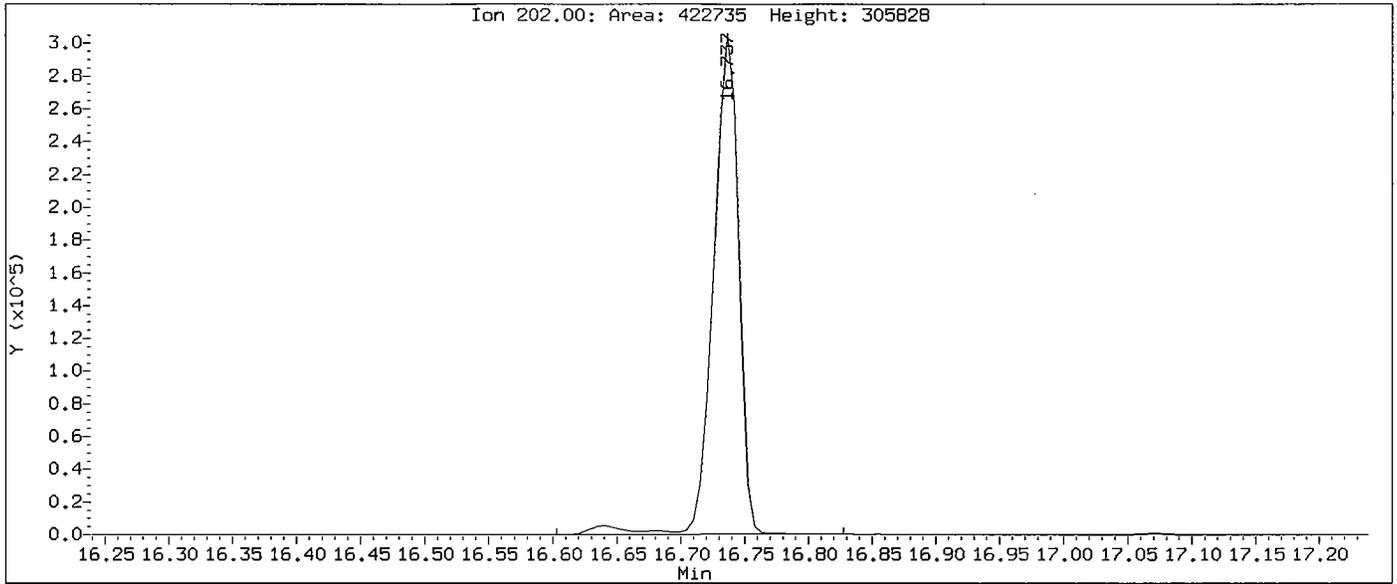
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Client Sample ID: IH29LCSS1

Compound: Phenanthrene-d10
CAS Number:



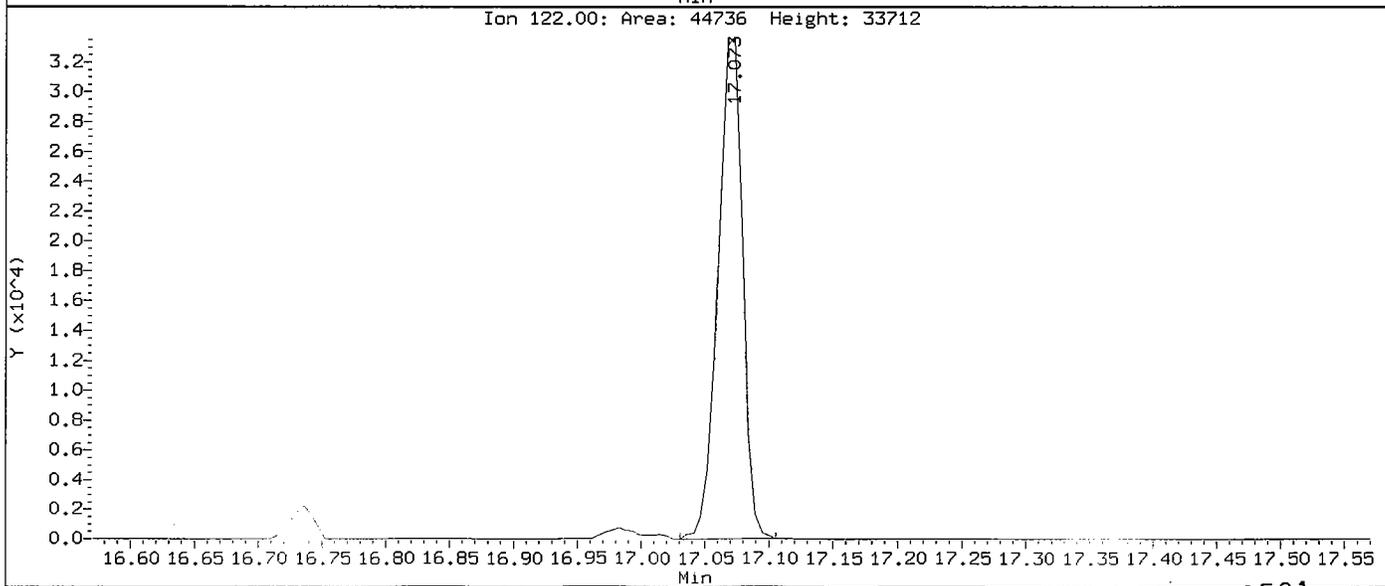
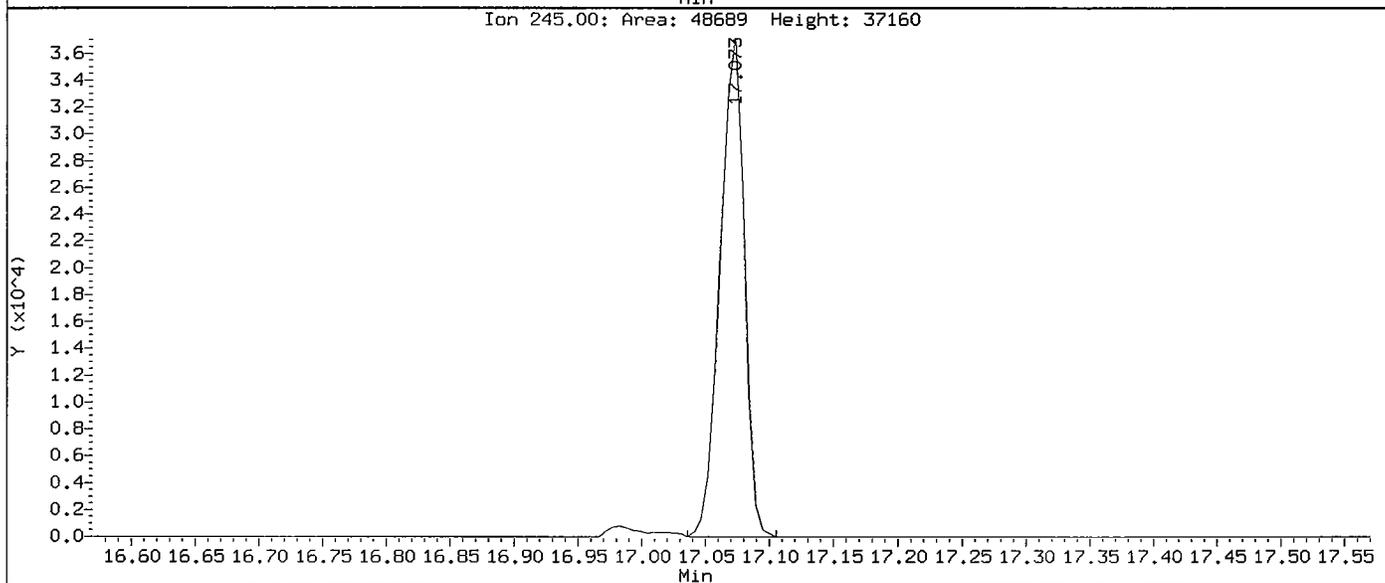
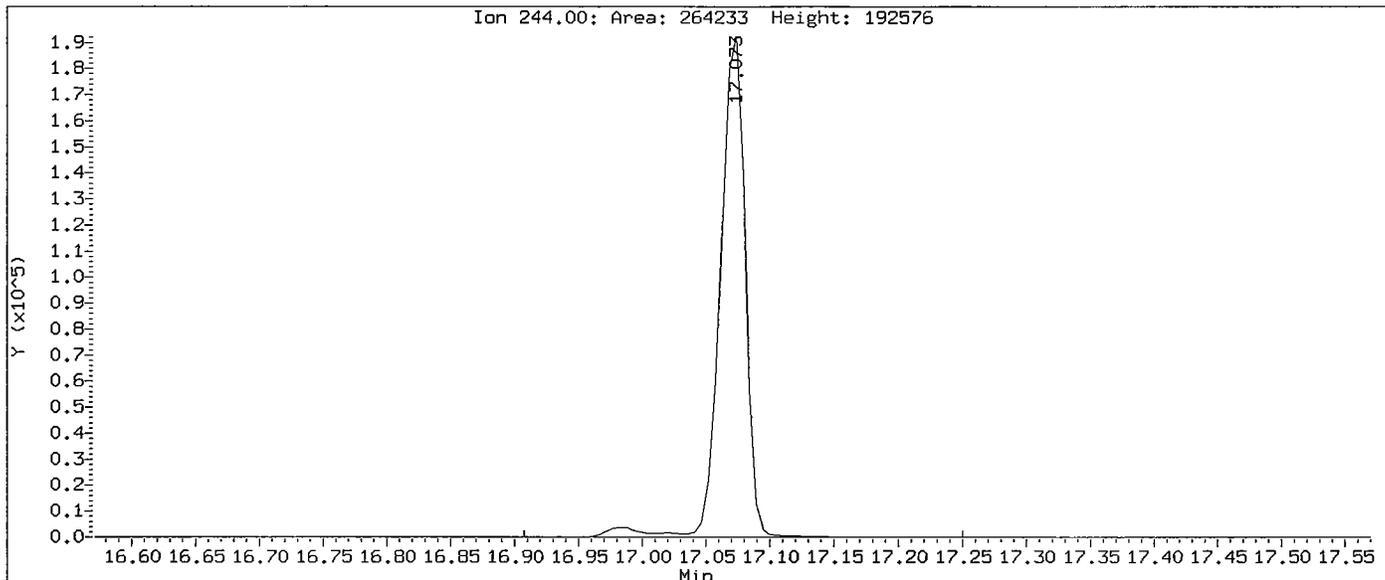
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Injection Date: 29-JUL-2005 16:53
Instrument: nt6.i
Client Sample ID: IH29LCSS1

Compound: Pyrene
CAS Number: 129-00-0



Data File: /chem1/nt6.1/20050729.b/ih29sb.d
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Instrument: nt6.i
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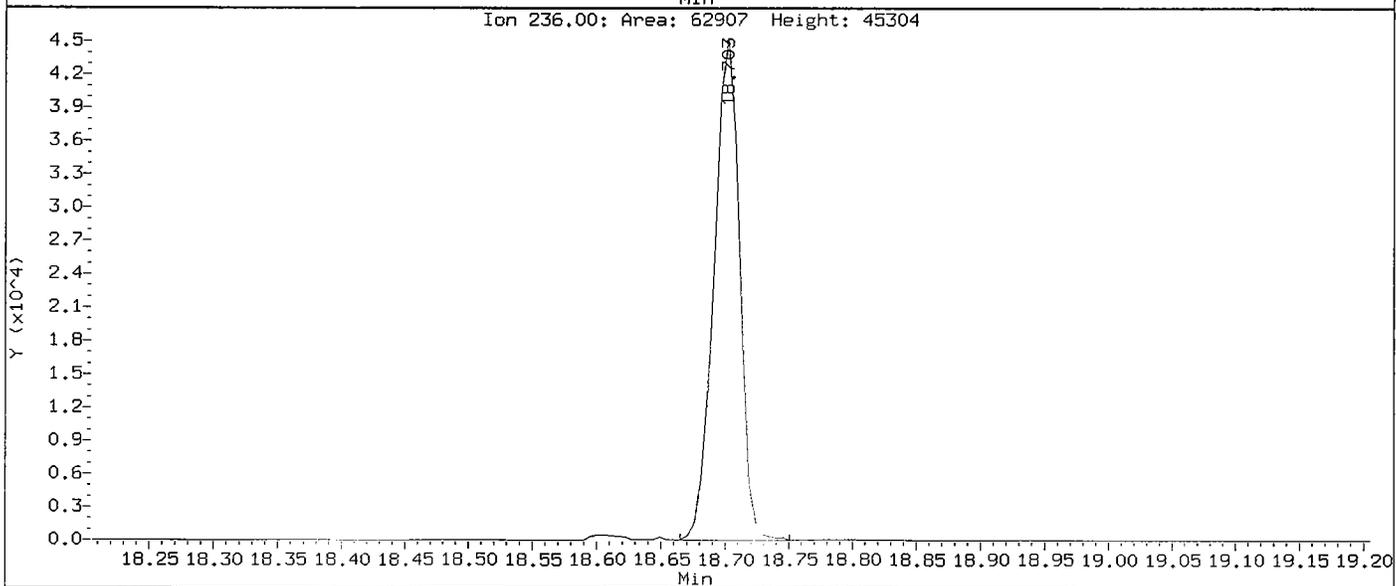
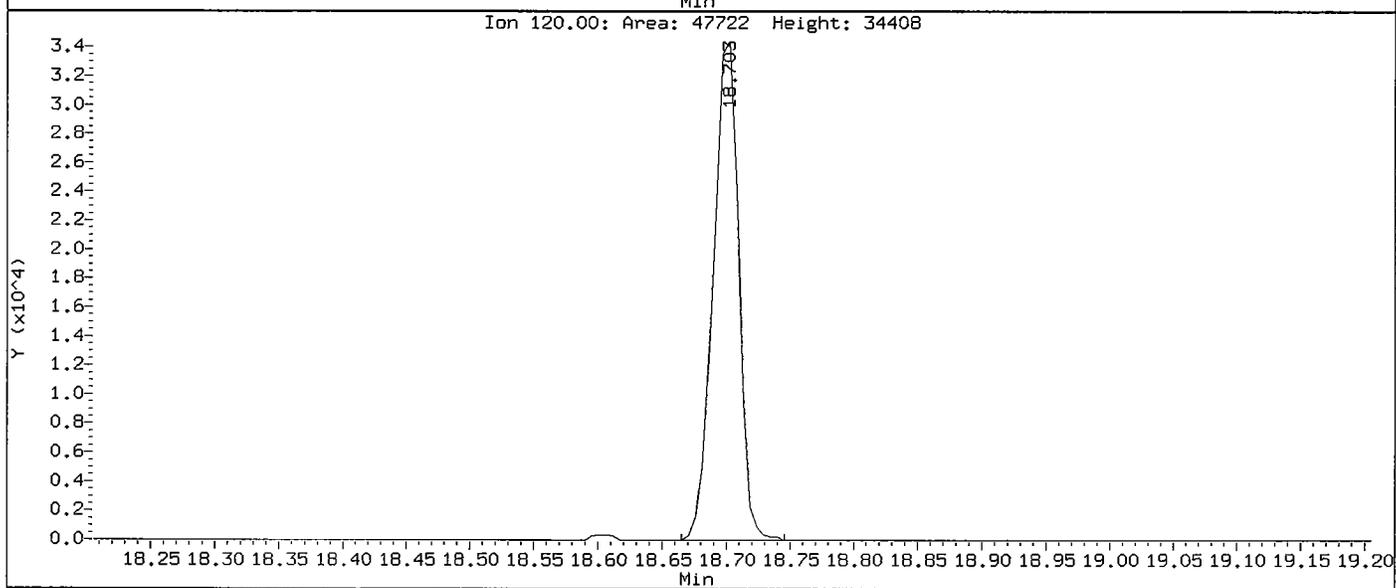
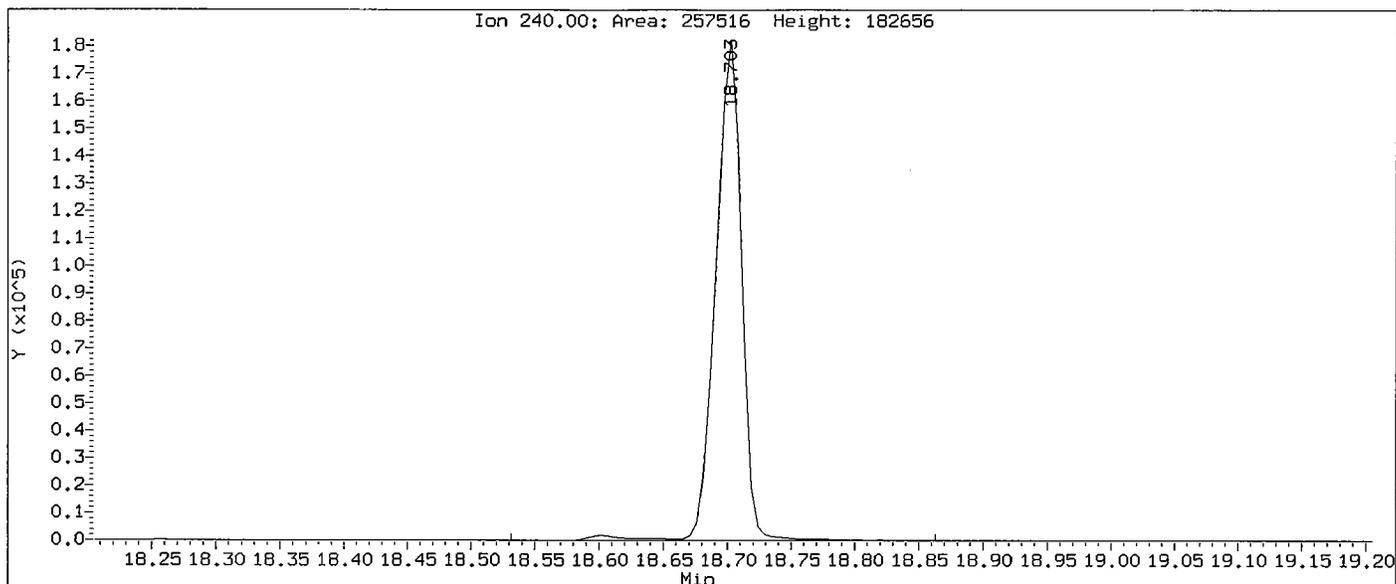
Compound: Terphenyl-d14
CAS Number:



000581

Data File: /chem1/nt6.1/20050729.b/ih29sb.d
Injection Date: 29-JUL-2005 16:53
Instrument: nt6.1
Client Sample ID: IH29LCSS1

Compound: Chrysene-d12
CAS Number:



**Semivolatile Organics Analysis
Extraction Bench Sheets and Run Logs**

**prepared
for**

ANCHOR ENVIRONMENTAL

KC FORMER SCOTT MILL , 00010501/T2

ARI JOB NO. IH29

**prepared
by**

Analytical Resources, Inc.

QA LIMs # _____

EXT LIMs # _____

Bid # SV 727A-01

(8270) BAN Skydrol/Phenol - Soil/Sediment/Tissue

In House _____ /PSDDA Medium Level _____

(3550B) Microtip _____

(3550B) Macrotip /Tissuemizer _____

Med. Shakeout _____ Client Name: _____

KD

Turbovap

ANALYTICAL
RESOURCES
INCORPORATED



ANCHOR ENV.

ARI Job No(s): IH29

Extraction Requirements (ARI Lab ID)	Sample Client ID	Amount Extracted	GPC Aliquot #1/#2	Silica-gel Aliquot Y/N	Final Effective Volume	Aliquot Volume For Analysis	Time Extracted Comments
MB: <u>IH29</u>	<u>7/27/05</u>	<u>25.00g</u>			<u>0.5 mL</u>	<u>0.5 mL</u>	
SB: <u>7/27/05</u>	<u>SBS</u>	<u>25.00g</u>					
<u>501</u>		<u>30.04g</u>					
<u>A Checked</u>		<u>35.04g</u>					
<u>B</u>		<u>33.02g</u>					
<u>C</u>		<u>32.04g</u>					
<u>CMS</u>		<u>32.00g</u>					
<u>CMSd</u>		<u>32.00g</u>					
<u>D</u>		<u>39.00g</u>					
<u>E</u>		<u>33.00g</u>					
<u>F</u>		<u>32.02g</u>					
<u>G</u>		<u>40.04g</u>					
<u>H</u>		<u>39.04g</u>					
<u>I</u>		<u>42.00g</u>					
<u>J</u>		<u>36.04g</u>					
<u>L</u>		<u>wipes</u>					
<u>M</u>		<u>wipes</u>					
<u>HMS</u>		<u>39.00g</u>					<u>4.29g 95. FILTERS</u>
<u>HMSd</u>		<u>39.04g</u>					<u>1.56g 95. FILTERS</u>

7/27/05 J.F. Date/Analyst:

Surrogate Amount: 125 µL Added by: J /Spk. Witness CP
 Concentration: 100/150 µg/mL ID: 1336-03A

Spike Amount: 125 µL Added by: J /Spk. Witness CP
 Concentration: 100/150 µg/mL ID: 1259-D/B

Xtra Spike Amount: _____ Added by: _____ /Spk. Witness _____
 Concentration: _____ ID: _____

(DCM) solvent ID: E2340
 (1:1DCM/Acetone) Reagent ID: F201
 (95:5DCM/Hexane) Reagent ID: F188
 Neutral glasswool ID: 5124#1519#7
 0.05% HCL/acetone Reagent ID: F191
 Na2So4 ID: 7/27/03 17118 #7
 3% Silica gel ID: N/A
 8:2:9Ether/Meoh/DCM ID: N/A

3009F

" ACIDITY " Revision 8
wool. 7/29/03
000584

See notes



**GC- MS Semi-Volatile Organics Instrument Logbook
for NT-6**

Date: 7/18/05 Analyst: LTK
 Analysis: BANS GC Program: ABN10L
 GC Column No.: 693016 Column Type: RTX-5 (1.30m 0.32mm ID 0.25um df)
 ICal date: 7/18/05 EM Voltage: 1094

Instrument Tune (.U or .CT): 0250718

DFTPP Tuning File : 0250718

DFTPP Tuning Time: 1503

CCal Standard: _____

Maintenance

New column. New inlet seal. New split line. Cleaned the split
 arm. New liner + wool. Cleaned MS source and lenses. New
 filaments.

LTK
7/19/05

Maintenance Verification: 0250718

(Identify ICal or CCal that demonstrates instrument is in control)

Every line on this form must contain information or be lined out. Make sure all information is legible. Start a new page for each QC period



GC- MS Semi-Volatile Organics Instrument Logbook for NT-6

Time	Filename	LabID	ClientId	DF															
1	1503	0250718.d	ABN 25	ABN 25	1	7.84	99236	9.87	351454	12.70	182658	15.06	260034	19.34	179938	21.49	233857	20.46	368961
2	1541	0800718.d	ABN 80	ABN 80	1	7.85	105374	9.88	377856	12.71	203187	15.07	276488	19.36	166620	21.51	266118	20.47	362853
3	1615	0010718.d	ABN 1	ABN 1	1	7.84	103769	9.86	363093	12.70	191698	15.05	260976	19.34	225185	21.49	226401	20.45	445394
4	1649	0400718.d	ABN 40	ABN 40	1	7.84	103223	9.87	366079	12.70	187633	15.06	260564	19.35	166499	21.49	236401	20.46	350762
5	1723	0050718.d	ABN 5	ABN 5	1	7.83	103172	9.86	359640	12.70	188635	15.05	258372	19.34	208417	21.49	238218	20.45	423943
6	1757	0100718.d	ABN 10	ABN 10	1	7.84	104854	9.87	362567	12.70	184957	15.05	255069	19.34	195131	21.49	238853	20.45	402599
7	1831	icv0718.d	ABN ICV	ABN ICV	1	7.84	96165	9.87	346612	12.70	180878	15.06	258824	19.34	183559	21.49	229280	20.45	375005

*LTK
TUMPOS*



**GC- MS Semi-Volatile Organics Instrument Logbook
for NT-6**

Date: 7/29/05 Analyst: LJK
 Analysis: SANS GC Program: ABNUL
 GC Column No.: 69306 Column Type: RX-5 (430m, 6.32mm ID, 0.25µm df.)
 ICal date: 7/18/05 EM Voltage: 1094

Instrument Tune (U or .CT): 050718

DFTPP Tuning File : CC0729

DFTPP Tuning Time: 1544
(1345-1, I2379-I2384, I2313) 20x

CCal Standard: (1340-1, 1340-2, 1341-1, 1338-1) 20x

Maintenance

New liner + wool. Clipped column. Cleaned inlet seal.

(Large diagonal scribble covering the maintenance section)

LJK
8/1/05

Maintenance Verification: CC0729

(Identify ICal or CCal that demonstrates instrument is in control)

Every line on this form must contain information or be lined out. Make sure all information is legible. Start a new page for each QC period



GC- MS Semi-Volatile Organics Instrument Logbook for NT-6

Time	Filename	LabID	ClientID	DF														
1 1544	cc0729.d	ABN 25		1	7.26	108502	9.28	392657	12.10	220694	14.44	307459	18.71	220907	20.84	239558	19.87	371940
2 1619	ih29mb.d	IH29MBS1	IH29MBS1	1	7.26	124957	9.28	448987	12.10	245311	14.44	338392	18.70	231058	19.86	414417	20.84	244488
3 1653	ih29ab.d	IH29LCSS1	IH29LCSS1	1	7.26	134415	9.28	476616	12.10	261699	14.44	365025	18.70	257516	19.86	454049	20.84	262420
4 1727	ih29arm.d	IH29SRM	SQ-1	1	7.26	134524	9.28	478866	12.11	260882	14.45	349985	18.71	248396	19.87	469002	20.85	302186
5 1801	ig97bd1.d	IG97B	AKT01-B	3	7.26	125916	9.28	444220	12.10	243143	14.44	329744	18.71	232200	19.87	453619	20.85	285421
6 1834	ig97ddl.d	IG97D	AKB03-A	3	7.26	132337	9.28	464032	12.10	254011	14.44	341109	18.71	229948	19.87	448174	20.85	285420
7 1908	ig97Ed1.d	IG97F	AKB03-C	3	7.26	134860	9.28	474209	12.10	257994	14.44	347921	18.71	242299	19.87	471277	20.85	296355
8 1942	ih29a.d	IH29A	AN-RI-SBDC-01A	1	7.25	143201	9.28	508871	12.10	275163	14.44	373365	18.71	267781	19.87	511442	20.86	320350
9 2015	ih29b.d	IH29B	AN-RI-SBDC-01B	1	7.25	151729	9.28	532249	12.10	289193	14.44	376207	18.70	265143	19.86	492909	20.85	323966
10 2048	ih29c.d	IH29C	AN-RI-SBDC-01C	1	7.25	150097	9.28	521035	12.10	276749	14.44	361505	18.70	261720	19.86	490397	20.85	321206
11 2121	ih29d.d	IH29D	AN-RI-SBDC-03A	3	7.26	133856	9.28	458977	12.10	244152	14.44	322015	18.75	248895	19.89	562885	20.89	258678
12 2154	ih29e.d	IH29E	AN-RI-SBDC-03B	1	7.26	146423	9.28	513089	12.10	270792	14.44	354626	18.71	289409	19.87	526883	20.85	313178
13 2227	ih29f.d	IH29F	AN-RI-SBDC-03C	1	7.26	150835	9.28	528876	12.10	286089	14.44	369485	18.71	297905	19.86	532109	20.85	318113
14 2300	ih29g.d	IH29G	AN-RI-SBDC-04A	3	7.26	140358	9.28	487607	12.10	262926	14.44	338211	18.71	288336	19.87	532967	20.86	313785
15 2333	ih29h.d	IH29H	AN-RI-SBDC-04B	3	7.26	142580	9.28	490439	12.10	265193	14.44	349612	18.71	304152	19.86	546643	20.85	328822
16 0005	ih29hme.d	IH29HMS	AN-RI-SBDC-04B MS	3	7.26	139663	9.28	485691	12.10	265792	14.44	341129	18.71	295847	19.86	522967	20.85	317927
17 0038	ih29hmd.d	IH29HMSD	AN-RI-SBDC-04B MSD	3	7.25	132920	9.28	465725	12.10	255174	14.44	335666	18.71	289505	19.86	509991	20.85	294966
18 0111	ih29i.d	IH29I	AN-RI-SBDC-04C	3	7.26	138330	9.28	469055	12.10	251871	14.44	328712	18.70	292362	19.86	509553	20.85	307336
19 0143	ih29j.d	IH29J	AN-RI-SBDC-05-SS	3	7.26	142756	9.28	485014	12.10	263903	14.44	341445	18.71	308349	19.87	564938	20.85	313077
20 0216	ih29l.d	IH29L	Filter-Wipe-050714	1	7.25	148577	9.28	442619	12.10	257736	14.44	346631	18.71	311959	19.86	547054	20.84	304980
21 0249	ih29m.d	IH29M	Filter-Blank-050714	1	7.25	146872	9.28	405577	12.10	281345	14.44	359244	18.71	309085	19.86	543220	20.84	310971

000588



**GC- MS Semi-Volatile Organics Instrument Logbook
for NT-6**

Date: 8/1/05 Analyst: LJK
 Analysis: BAND GC Program: ABNUL
 GC Column No.: 69301L Column Type: RTX-5 (1.50m, 0.32mm ID, 0.25um df)
 ICal date: 7/18/05 EM Voltage: 109A

Instrument Tune (U or .CT): 050718

DFTPP Tuning File: CC0801

DFTPP Tuning Time: 1503

CCal Standard: (1310-1, 1340-2, 1341-1, 1338-1)20A

Maintenance

New liner + wool. Clipped column. Cleaned inlet seq.

[Large diagonal scribble covering multiple lines]

LJK
8/1/05

Maintenance Verification: CC0801

(Identify ICal or CCal that demonstrates instrument is in control)

Every line on this form must contain information or be lined out. Make sure all information is legible. Start a new page for each QC period

**PCB Analysis
QC Summary Data**

**prepared
for**

ANCHOR ENVIRONMENTAL

KC FORMER SCOTT MILL , 00010501/T2

ARI JOB NO. IH29

**prepared
by**

Analytical Resources, Inc.

SW8082/PCB SOIL/SEDIMENTS SURROGATE RECOVERY SUMMARY

Matrix: Sediment

QC Report No: IH29-Anchor Environmental
Project: KC Former Scott Mill
00010501/T2

<u>Client ID</u>	<u>DCBP</u>	<u>TCMX</u>	<u>TOT OUT</u>
AN-RI-SEDC-01A	97.0%	91.0%	0
AN-RI-SEDC-01B	96.8%	91.0%	0
MB-072605	106%	96.2%	0
LCS-072605	106%	93.8%	0
SRM SQ-1	104%	111%	0
AN-RI-SEDC-01C	103%	92.2%	0
AN-RI-SEDC-01C MS	97.0%	91.8%	0
AN-RI-SEDC-01C MSD	101%	92.2%	0
AN-RI-SEDC-03A	94.0%	82.8%	0
AN-RI-SEDC-03B	92.5%	81.0%	0
AN-RI-SEDC-03C	98.5%	89.2%	0
AN-RI-SEDC-04A	88.5%	88.5%	0
AN-RI-SEDC-04B	104%	99.5%	0
AN-RI-SEDC-04C	92.0%	92.8%	0
AN-RI-SEDS-05-SS	95.0%	76.5%	0

LCS/MB LIMITS QC LIMITS

(DCBP) = Decachlorobiphenyl (49-140) (30-164)
(TCMX) = Tetrachlorometaxylene (30-135) (26-143)

Prep Method: SW3550B
Log Number Range: 05-11903 to 05-11912

SW8082/PCB WIPES SURROGATE RECOVERY SUMMARY

Matrix: Wipe

QC Report No: IH29-Anchor Environmental
Project: KC Former Scott Mill
00010501/T2

<u>Client ID</u>	<u>DCBP</u>	<u>TCMX</u>	<u>TOT OUT</u>
Filter-Wipe-050714	101%	95.0%	0
Filter-Blank-050714	101%	93.8%	0

LCS/MB LIMITS QC LIMITS

(DCBP) = Decachlorobiphenyl (70-141) (20-148)
(TCMX) = Tetrachlorometaxylene (73-129) (20-137)

Prep Method: SW3550B
Log Number Range: 05-11914 to 05-11915

ORGANICS ANALYSIS DATA SHEET

PSDDA PCB by GC/ECD

Page 1 of 1

Sample ID: AN-RI-SEDC-01C
MS/MSD

Lab Sample ID: IH29C

LIMS ID: 05-11905

Matrix: Sediment

Data Release Authorized: *AS*

Reported: 08/02/05

QC Report No: IH29-Anchor Environmental

Project: KC Former Scott Mill

00010501/T2

Date Sampled: 07/15/05

Date Received: 07/18/05

Date Extracted MS/MSD: 07/26/05

Sample Amount MS: 25.8 g-dry-wt

MSD: 25.8 g-dry-wt

Date Analyzed MS: 07/30/05 00:37

Final Extract Volume MS: 5.0 mL

MSD: 07/30/05 00:54

MSD: 5.0 mL

Instrument/Analyst MS: ECD5/PK

Dilution Factor MS: 1.00

MSD: ECD5/PK

MSD: 1.00

GPC Cleanup: No

Silica Gel: No

Sulfur Cleanup: Yes

pH: 8.1

Acid Cleanup: Yes

Percent Moisture: 20.1%

Florisil Cleanup: No

Analyte	Sample	MS	Spike Added-MS	MS Recovery	MSD	Spike Added-MSD	MSD Recovery	RPD
Aroclor 1016	< 19.2 U	81.3	99.3	81.9%	83.4	99.3	84.0%	2.6%
Aroclor 1260	< 19.2 U	92.5	99.3	93.2%	95.2	99.3	95.9%	2.9%

Results reported in $\mu\text{g}/\text{kg}$ (ppb)

RPD calculated using sample concentrations per SW846.

ORGANICS ANALYSIS DATA SHEET

PSDDA PCB by GC/ECD

Page 1 of 1

Sample ID: LCS-072605

LAB CONTROL

Lab Sample ID: LCS-072605

LIMS ID: 05-11905

Matrix: Sediment

Data Release Authorized: 

Reported: 08/02/05

QC Report No: IH29-Anchor Environmental

Project: KC Former Scott Mill

00010501/T2

Date Sampled: NA

Date Received: NA

Date Extracted: 07/26/05

Date Analyzed: 07/29/05 23:12

Instrument/Analyst: ECD5/PK

GPC Cleanup: No

Sulfur Cleanup: Yes

Acid Cleanup: Yes

Florisil Cleanup: No

Sample Amount: 25.0 g-dry-wt

Final Extract Volume: 5.0 mL

Dilution Factor: 1.00

Silica Gel: No

pH: NA

Percent Moisture: NA

Analyte	Lab Control	Spike Added	Recovery
Aroclor 1016	88.2	102	86.5%
Aroclor 1260	100	102	98.0%

PCB Surrogate Recovery

Decachlorobiphenyl	106%
Tetrachlorometaxylene	93.8%

Results reported in $\mu\text{g}/\text{kg}$ (ppb)

4
PCB METHOD BLANK SUMMARY

BLANK NO.

IH29MBS1

Lab Name: ANALYTICAL RESOURCES, INC	Client: ANCHOR
ARI Job No.: IH28	Project: KC FORMER SCOTT MILL
Lab Sample ID: IH29MBS1	Lab File ID: 0729B034
Date Extracted: 07/26/05	Matrix: SOLID
Date Analyzed: 07/29/05	Instrument ID: ECD5
Time Analyzed: 2255	GC Columns: CLP-PEST/ZB35

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	CLIENT SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED
=====			
01	IH29LCSS1	IH29LCSS1	07/29/05
02	SQ-1	IH28SRM	07/29/05
03	AN-RI-SEDC-01A	IH29A	07/29/05
04	AN-RI-SEDC-01B	IH29B	07/30/05
05	AN-RI-SEDC-01C	IH29C	07/30/05
06	AN-RI-SEDC-01C MS	IH29CMS	07/30/05
07	AN-RI-SEDC-01C MSD	IH29CMSD	07/30/05
08	AN-RI-SEDC-03A	IH29D	07/30/05
09	AN-RI-SEDC-03B	IH29E	07/30/05
10	AN-RI-SEDC-03C	IH29F	07/30/05
11	AN-RI-SEDC-04A	IH29G	07/30/05
12	AN-RI-SEDC-04B	IH29H	07/30/05
13	AN-RI-SEDC-04C	IH29I	07/30/05
14	AN-RI-SEDS-05-SS	IH29J	07/30/05
15	FILTER-WIPE-050714	IH29L	07/30/05
16	FILTER-BLANK-050714	IH29M	07/30/05

FORM 8
PCB ANALYTICAL SEQUENCE

Lab Name: ANALYTICAL RESOURCES, INC

Client: ANCHOR

ARI Job No.: IH28

Project: KC FORMER SCOTT MILL

GC Column: CLP-PEST

Instrument ID: ECD5

Init. Calib. Date(s): 07/20/05

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS,
SAMPLES, AND STANDARDS IS GIVEN BELOW:

MEAN SURROGATE RT FROM INITIAL CALIBRATION						
TCX: 3.54			DCB: 10.31			
Client	LAB	DATE	TIME	TCX	DCB	
SAMPLE NO.	SAMPLE ID	ANALYZED	ANALYZED	RT	#	RT #
01	ZZZZZ	07/20/05	1601	3.55		10.31
02	AR1660 0.5	07/20/05	1618	3.53		10.31
03	AR1660 .02	07/20/05	1635	3.53		10.31
04	AR1660 1.0	07/20/05	1652	3.53		10.31
05	AR1660 .25	07/20/05	1709	3.53		10.31
06	AR1660 0.1	07/20/05	1726	3.53		10.31
07	ZZZZZ	07/20/05	1743	3.51		10.31
08	AR12421	07/20/05	1800	3.54		10.31
09	AR12481	07/20/05	1817	3.55		10.31
10	AR12541	07/20/05	1834	3.56		10.31
11	AR21621	07/20/05	1851	3.54		10.31
12	AR32681	07/20/05	1908	3.54		10.31
13	AR166017	07/29/05	1300	3.55		10.31
14	AR12549	07/29/05	1317	3.56		10.31
15	IH28MBS1	07/29/05	1623	3.56		10.31
16	IH28LCSS1	07/29/05	1641	3.56		10.31
17	SQ-1	07/29/05	1658	3.56		10.31
18	AN-RI-SEDC-0	07/29/05	1715	3.56		10.31
19	AN-RI-SEDC-0	07/29/05	1732	3.56		10.31
20	AN-RI-SEDC-0	07/29/05	1749	3.56		10.31
21	AN-RI-SEDC-0	07/29/05	1806	3.56		10.31
22	AN-RI-SEDC-0	07/29/05	1823	3.56		10.31
23	AN-RI-SEDC-0	07/29/05	1840	3.56		10.32
24	AN-RI-SEDC-0	07/29/05	1857	3.56		10.31
25	AN-RI-SEDC-0	07/29/05	1914	3.56		10.32
26	AN-RI-SEDC-0	07/29/05	1931	3.56		10.31
27	AN-RI-SEDC-0	07/29/05	1948	3.56		10.31
28	AN-RI-SEDC-0	07/29/05	2005	3.56		10.31
29	AN-RI-SEDC-0	07/29/05	2022	3.56		10.31
30	AN-RI-SEDC-0	07/29/05	2039	3.56		10.31
31	AN-RI-SEDC-0	07/29/05	2056	3.56		10.31
32	AN-RI-SEDC-0	07/29/05	2113	3.56		10.31
33	AN-RI-SEDCZ-	07/29/05	2130	3.56		10.31
34	AN-RI-SEDCZ-	07/29/05	2147	3.56		10.31
35	AR12429	07/29/05	2221	3.57		10.32
36	AR166018	07/29/05	2238	3.56		10.32

RT LIMITS

TCX = Tetrachloro-m-xylene (+/- 0.05 MINUTES)
 DCB = Decachlorobiphenyl (+/- 0.05 MINUTES)

* Values outside of QC limits.

FORM 8
PCB ANALYTICAL SEQUENCE

Lab Name: ANALYTICAL RESOURCES, INC

Client: ANCHOR

ARI Job No.: IH28

Project: KC FORMER SCOTT MILL

GC Column: CLP-PEST

Instrument ID: ECD5

Init. Calib. Date(s): 07/20/05

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS,
SAMPLES, AND STANDARDS IS GIVEN BELOW:

MEAN SURROGATE RT FROM INITIAL CALIBRATION					
		TCX: 3.54		DCB: 10.31	
Client SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	TCX RT #	DCB RT #
37	IH29MBS1	IH29MBS1	07/29/05	2255	3.56 10.32
38	IH29LCSS1	IH29LCSS1	07/29/05	2312	3.56 10.32
39	SQ-1	IH29SRM	07/29/05	2329	3.57 10.31
40	AN-RI-SEDC-0	IH29A	07/29/05	2346	3.56 10.31
41	AN-RI-SEDC-0	IH29B	07/30/05	0003	3.56 10.32
42	AN-RI-SEDC-0	IH29C	07/30/05	0020	3.56 10.31
43	AN-RI-SEDC-0	IH29CMS	07/30/05	0037	3.56 10.31
44	AN-RI-SEDC-0	IH29CMSD	07/30/05	0054	3.56 10.32
45	AN-RI-SEDC-0	IH29D	07/30/05	0111	3.57 10.31
46	AN-RI-SEDC-0	IH29E	07/30/05	0128	3.56 10.31
47	AN-RI-SEDC-0	IH29F	07/30/05	0145	3.56 10.31
48	AN-RI-SEDC-0	IH29G	07/30/05	0202	3.56 10.31
49	AN-RI-SEDC-0	IH29H	07/30/05	0219	3.56 10.31
50	AN-RI-SEDC-0	IH29I	07/30/05	0236	3.57 10.32
51	AN-RI-SEDS-0	IH29J	07/30/05	0253	3.56 10.31
52	FILTER-WIPE-	IH29L	07/30/05	0310	3.57 10.32
53	FILTER-BLANK	IH29M	07/30/05	0327	3.56 10.32
54		AR12489	07/30/05	0418	3.56 10.32
55		AR166019	07/30/05	0435	3.57 10.32

RT LIMITS

TCX = Tetrachloro-m-xylene (+/- 0.05 MINUTES)
 DCB = Decachlorobiphenyl (+/- 0.05 MINUTES)

* Values outside of QC limits.

FORM 8
PCB ANALYTICAL SEQUENCE

Lab Name: ANALYTICAL RESOURCES, INC

Client: ANCHOR

ARI Job No.: IH28

Project: KC FORMER SCOTT MILL

GC Column: ZB35

Instrument ID: ECD5

Init. Calib. Date(s): 07/20/05

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS,
SAMPLES, AND STANDARDS IS GIVEN BELOW:

MEAN SURROGATE RT FROM INITIAL CALIBRATION					
		TCX: 4.73		DCB: 12.28	
Client	LAB	DATE	TIME	TCX	DCB
SAMPLE NO.	SAMPLE ID	ANALYZED	ANALYZED	RT #	RT #

01	ZZZZZ	07/20/05	1601	4.72	12.28
02	AR1660 0.5	07/20/05	1618	4.72	12.28
03	AR1660 .02	07/20/05	1635	4.72	12.27
04	AR1660 1.0	07/20/05	1652	4.72	12.27
05	AR1660 .25	07/20/05	1709	4.72	12.27
06	AR1660 0.1	07/20/05	1726	4.72	12.28
07	ZZZZZ	07/20/05	1743		12.28
08	AR12421	07/20/05	1800	4.73	12.27
09	AR12481	07/20/05	1817	4.73	12.28
10	AR12541	07/20/05	1834	4.74	12.28
11	AR21621	07/20/05	1851	4.73	12.28
12	AR32681	07/20/05	1908	4.73	12.28
13	AR166017	07/29/05	1300	4.74	12.28
14	AR12549	07/29/05	1317	4.74	12.28
15	IH28MBS1	07/29/05	1623	4.74	12.28
16	IH28LCSS1	07/29/05	1641	4.74	12.28
17	SQ-1	07/29/05	1658	4.74	12.28
18	AN-RI-SEDC-0	07/29/05	1715	4.74	12.28
19	AN-RI-SEDC-0	07/29/05	1732	4.74	12.28
20	AN-RI-SEDC-0	07/29/05	1749	4.74	12.28
21	AN-RI-SEDC-0	07/29/05	1806	4.74	12.28
22	AN-RI-SEDC-0	07/29/05	1823	4.74	12.28
23	AN-RI-SEDC-0	07/29/05	1840	4.74	12.28
24	AN-RI-SEDC-0	07/29/05	1857	4.74	12.28
25	AN-RI-SEDC-0	07/29/05	1914	4.74	12.29
26	AN-RI-SEDC-0	07/29/05	1931	4.74	12.28
27	AN-RI-SEDC-0	07/29/05	1948	4.74	12.28
28	AN-RI-SEDC-0	07/29/05	2005	4.74	12.28
29	AN-RI-SEDC-0	07/29/05	2022	4.74	12.28
30	AN-RI-SEDC-0	07/29/05	2039	4.74	12.28
31	AN-RI-SEDC-0	07/29/05	2056	4.74	12.28
32	AN-RI-SEDC-0	07/29/05	2113	4.74	12.28
33	AN-RI-SEDCZ-	07/29/05	2130	4.74	12.28
34	AN-RI-SEDCZ-	07/29/05	2147	4.74	12.28
35	AR12429	07/29/05	2221	4.74	12.28
36	AR166018	07/29/05	2238	4.74	12.29

RT LIMITS

TCX = Tetrachloro-m-xylene (+/- 0.05 MINUTES)
DCB = Decachlorobiphenyl (+/- 0.05 MINUTES)

* Values outside of QC limits.

FORM 8
PCB ANALYTICAL SEQUENCE

Lab Name: ANALYTICAL RESOURCES, INC

Client: ANCHOR

ARI Job No.: IH28

Project: KC FORMER SCOTT MILL

GC Column: ZB35

Instrument ID: ECD5

Init. Calib. Date(s): 07/20/05

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS,
SAMPLES, AND STANDARDS IS GIVEN BELOW:

MEAN SURROGATE RT FROM INITIAL CALIBRATION							
TCX: 4.73			DCB: 12.28				
Client SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	TCX RT	#	DCB RT	#
37	IH29MBS1	IH29MBS1	07/29/05	2255	4.74	12.29	
38	IH29LCSS1	IH29LCSS1	07/29/05	2312	4.74	12.28	
39	SQ-1	IH29SRM	07/29/05	2329	4.75	12.28	
40	AN-RI-SEDC-0	IH29A	07/29/05	2346	4.74	12.28	
41	AN-RI-SEDC-0	IH29B	07/30/05	0003	4.74	12.28	
42	AN-RI-SEDC-0	IH29C	07/30/05	0020	4.74	12.28	
43	AN-RI-SEDC-0	IH29CMS	07/30/05	0037	4.74	12.28	
44	AN-RI-SEDC-0	IH29CMSD	07/30/05	0054	4.74	12.29	
45	AN-RI-SEDC-0	IH29D	07/30/05	0111	4.75	12.28	
46	AN-RI-SEDC-0	IH29E	07/30/05	0128	4.74	12.28	
47	AN-RI-SEDC-0	IH29F	07/30/05	0145	4.74	12.28	
48	AN-RI-SEDC-0	IH29G	07/30/05	0202	4.74	12.28	
49	AN-RI-SEDC-0	IH29H	07/30/05	0219	4.74	12.28	
50	AN-RI-SEDC-0	IH29I	07/30/05	0236	4.75	12.28	
51	AN-RI-SEDC-0	IH29J	07/30/05	0253	4.74	12.28	
52	FILTER-WIPE-	IH29L	07/30/05	0310	4.75	12.28	
53	FILTER-BLANK	IH29M	07/30/05	0327	4.74	12.28	
54		AR12489	07/30/05	0418	4.74	12.29	
55		AR166019	07/30/05	0435	4.74	12.29	

RT LIMITS

TCX = Tetrachloro-m-xylene (+/- 0.05 MINUTES)
 DCB = Decachlorobiphenyl (+/- 0.05 MINUTES)

* Values outside of QC limits.

**PCB Analysis
Sample Data**

**prepared
for**

ANCHOR ENVIRONMENTAL

KC FORMER SCOTT MILL , 00010501/T2

ARI JOB NO. IH29

**prepared
by**

Analytical Resources, Inc.



Data Reporting Qualifiers

Effective 12/28/04

Inorganic Data

- U Indicates that the target analyte was not detected at the reported concentration
- * Duplicate RPD is not within established control limits
- B Reported value is less than the CRDL but \geq the Reporting Limit
- N Matrix Spike recovery not within established control limits
- NA Not Applicable, analyte not spiked
- H The natural concentration of the spiked element is so much greater than the concentration spiked that an accurate determination of spike recovery is not possible
- L Analyte concentration is ≤ 5 times the Reporting Limit and the replicate control limit defaults to ± 1 RL instead of the normal 20% RPD

Organic Data

- U Indicates that the target analyte was not detected at the reported concentration
- * Flagged value is not within established control limits
- B Analyte detected in an associated Method Blank at a concentration greater than one-half of ARI's Reporting Limit or 5% of the regulatory limit or 5% of the analyte concentration in the sample.
- J Estimated concentration when the value is less than ARI's established reporting limits
- D The spiked compound was not detected due to sample extract dilution
- NR Spiked compound recovery is not reported due to chromatographic interference
- E Estimated concentration calculated for an analyte response above the valid instrument calibration range. A dilution is required to obtain an accurate quantification of the analyte.
- S Indicates an analyte response that has saturated the detector. The calculated concentration is not valid; a dilution is required to obtain valid quantification of the analyte



- NA The flagged analyte was not analyzed for
- NS The flagged analyte was not spiked into the sample
- M Estimated value for an analyte detected and confirmed by an analyst but with low spectral match parameters. This flag is used only for GC-MS analyses
- N The analysis indicates the presence of an analyte for which there is presumptive evidence to make a "tentative identification"
- Y The analyte is not detected at or above the reported concentration. The reporting limit is raised due to chromatographic interference. The Y flag is equivalent to the U flag with a raised reporting limit.
- C The analyte was positively identified on only one of two chromatographic columns. Chromatographic interference prevented a positive identification on the second column
- P The analyte was detected on both chromatographic columns but the quantified values differ by $\geq 40\%$ RPD with no obvious chromatographic interference

Geotechnical Data

- SM Sample matrix was not appropriate for the requested analysis. This normally refers to samples contaminated with an organic product that interferes with the sieving process and/or moisture content, porosity and saturation calculations
- SS Sample did not contain the proportion of "fines" required to perform the pipette portion of the grain size analysis
- W Weight of sample in some pipette aliquots was below the level required for accurate weighting
- F Samples were frozen prior to particle size determination

ORGANICS ANALYSIS DATA SHEET

PSDDA PCB by GC/ECD

Page 1 of 1

Sample ID: AN-RI-SEDC-01A
SAMPLE

Lab Sample ID: IH29A

LIMS ID: 05-11903

Matrix: Sediment

Data Release Authorized:

Reported: 08/02/05

QC Report No: IH29-Anchor Environmental

Project: KC Former Scott Mill

00010501/T2

Date Sampled: 07/15/05

Date Received: 07/18/05

Date Extracted: 07/26/05

Date Analyzed: 07/29/05 23:46

Instrument/Analyst: ECD5/PK

GPC Cleanup: No

Sulfur Cleanup: Yes

Acid Cleanup: Yes

Florisil Cleanup: No

Sample Amount: 25.9 g-dry-wt

Final Extract Volume: 5.0 mL

Dilution Factor: 1.00

Silica Gel: No

pH: 7.2

Percent Moisture: 27.0%

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	19	< 19 U
53469-21-9	Aroclor 1242	19	< 19 U
12672-29-6	Aroclor 1248	19	< 19 U
11097-69-1	Aroclor 1254	19	< 19 U
11096-82-5	Aroclor 1260	19	< 19 U
11104-28-2	Aroclor 1221	19	< 19 U
11141-16-5	Aroclor 1232	19	< 19 U

Reported in $\mu\text{g}/\text{kg}$ (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	97.0%
Tetrachlorometaxylene	91.0%

Analytical Resources Inc.
Dual Column PCB Quantitation Report

Data file 1: 20050720.b/0729-1.b/0729B037.d
Data file 2: 20050720.b/0729-2.b/0729B037.d
Method: /chem2/ecd5.i/20050720.b/PCB1.m
Compound Sublist: PCB
Instrument, Inj. Vol.: ecd5.i, 3ul
Quant Method: Internal Std

ARI ID: IH29A
Client ID: AN-RI-SEDC-01A
Injection Date: 29-JUL-2005 23:46
Report Date: 08/02/2005 09:57
Matrix: SOIL
Dilution Factor: 1.000

RT	CLP Col Shift	Response	RT	ZB35 Col Shift	Response	CLP on col	ZB35 on col	RPD	Compound/Flag
3.561	0.019	73426774	4.742	0.013	12803522	0.0356	0.0364	2.3	Tetrachloro-m-xylene
10.313	0.006	53529154	12.283	0.007	6446437	0.0388	0.0377	2.9	Decachlorobiphenyl

- * Indicates RPD > 40%
- M Indicates Column 1 peak was manually integrated
- N Indicates Column 2 peak was manually integrated

SURROGATE PERCENT RECOVERY

SURROGATE	Col1	Col2
Tetrachloro-m-xylene	88.9	91.0
Decachlorobiphenyl	97.1	94.3

INTERNAL STANDARD SUMMARY

Standard Cpnd	Column 1		%D
	Standard Area*	Sample Area	
Bromo-Nitrobenzene	125791287	145936430	16.0
Hexabromobiphenyl	62776174	86942104	38.5

Standard Cpnd	Column 2		%D
	Standard Area*	Sample Area	
Bromo-Nitrobenzene	23643829	25829116	9.2
Hexabromobiphenyl	10484374	11301350	7.8

- * Standard Areas taken from Initial Cal Level 4
Initial Calibration Date: 20-JUL-2005
- <- Indicates standard response outside Limits (-50 to +100%)

CLP Col					ZB35 Col					
Aroclor	Peak#	RT	Shift	Area	Amount	Peak#	RT	Shift	Area	Amount
Aroclor-1016	1	---			0.000	1	---			0.000
Aroclor-1016	2	---			0.000	2	---			0.000
Aroclor-1016	3	---			0.000	3	---			0.000
Aroclor-1016	4	---			0.000	4	---			0.000
CollAve: <3 Quant Peaks						Col2Ave: <3 Quant Peaks				
Aroclor-1221	1	---			0.000	1	5.219	-0.041	236482	0.064
Aroclor-1221	2	---			0.000	2	5.437	-0.026	376275	0.171
Aroclor-1221	3	---			0.000	3	5.515	-0.042	333587	0.046
CollAve: <3 Quant Peaks						Col2Ave: 0.093				
Aroclor-1232	1	---			0.000	1	---			0.000
Aroclor-1232	2	---			0.000	2	---			0.000
Aroclor-1232	3	---			0.000	3	---			0.000
Aroclor-1232	4	---			0.000	4	---			0.000
CollAve: <3 Quant Peaks						Col2Ave: <3 Quant Peaks				
Aroclor-1242	1	---			0.000	1	---			0.000
Aroclor-1242	2	---			0.000	2	---			0.000
Aroclor-1242	3	---			0.000	3	---			0.000
Aroclor-1242	4	---			0.000	4	---			0.000
Aroclor-1242	NS	---			----	5	---			0.000
CollAve: <3 Quant Peaks						Col2Ave: <3 Quant Peaks				
Aroclor-1248	1	---			0.000	1	---			0.000
Aroclor-1248	2	---			0.000	2	---			0.000
Aroclor-1248	3	---			0.000	3	---			0.000
Aroclor-1248	4	---			0.000	4	---			0.000
CollAve: <3 Quant Peaks						Col2Ave: <3 Quant Peaks				
Aroclor-1254	1	6.664	0.008	556664	0.005	1	---			0.000
Aroclor-1254	2	7.006	0.022	517191	0.010	2	---			0.000
Aroclor-1254	3	7.132	0.003	359815	0.003	3	---			0.000
Aroclor-1254	4	7.460	0.004	370432	0.004	4	---			0.000
Total CollAve (4 peaks): 0.006						Col2Ave: <3 Quant Peaks				
Aroclor-1260	1	---			0.000	1	---			0.000
Aroclor-1260	2	---			0.000	2	---			0.000
Aroclor-1260	3	---			0.000	3	---			0.000
Aroclor-1260	4	---			0.000	4	---			0.000
Aroclor-1260	5	---			0.000	5	---			0.000
CollAve: <3 Quant Peaks						Col2Ave: <3 Quant Peaks				
Aroclor-1262	1	---			0.000	1	---			0.000
Aroclor-1262	2	---			0.000	2	---			0.000
Aroclor-1262	3	---			0.000	3	---			0.000
Aroclor-1262	4	---			0.000	4	---			0.000
CollAve: <3 Quant Peaks						Col2Ave: <3 Quant Peaks				
Aroclor-1268	1	---			0.000	1	---			0.000
Aroclor-1268	2	---			0.000	2	---			0.000
Aroclor-1268	3	---			0.000	3	---			0.000
Aroclor-1268	4	---			0.000	4	---			0.000
CollAve: <3 Quant Peaks						Col2Ave: <3 Quant Peaks				

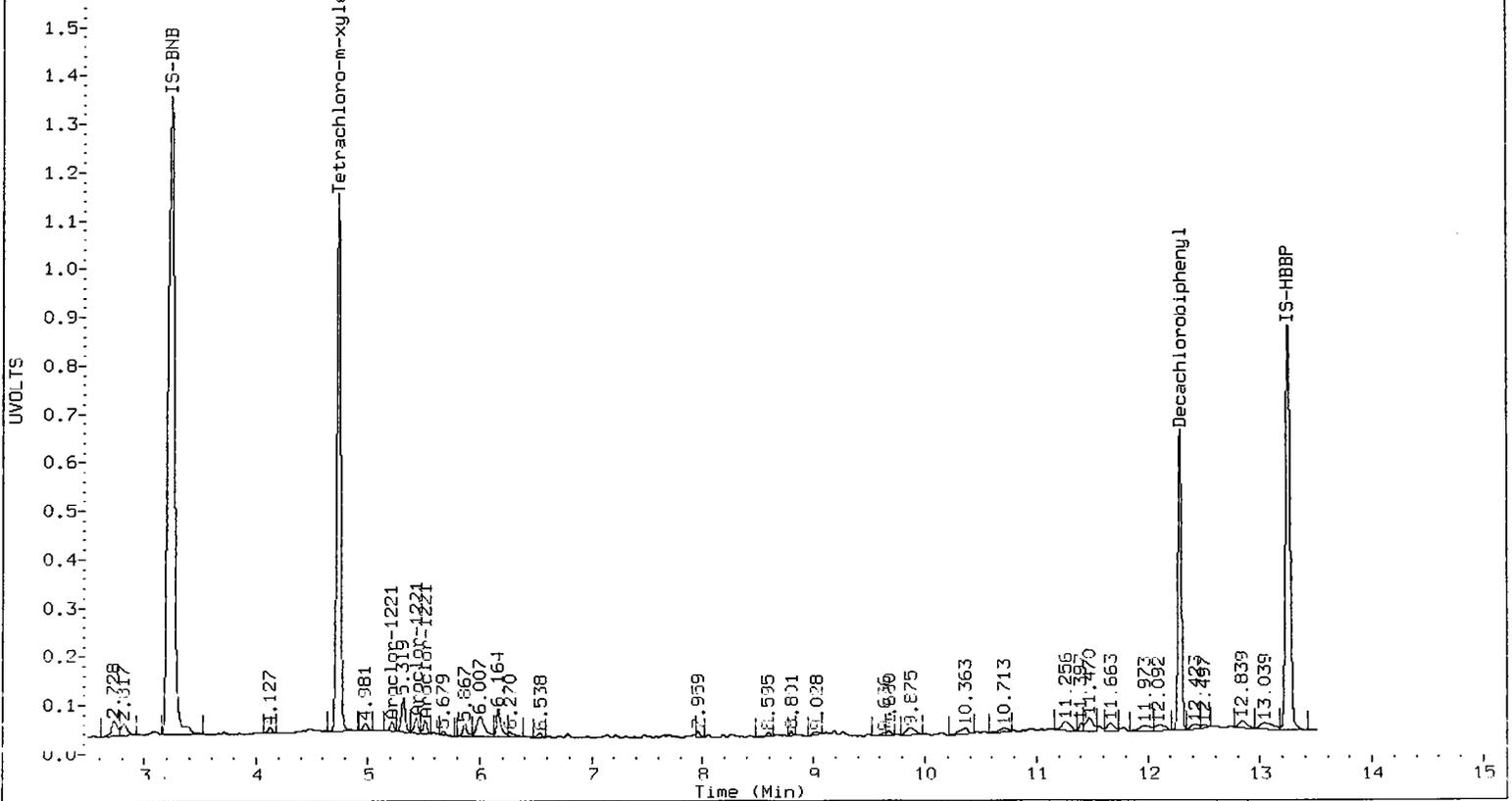
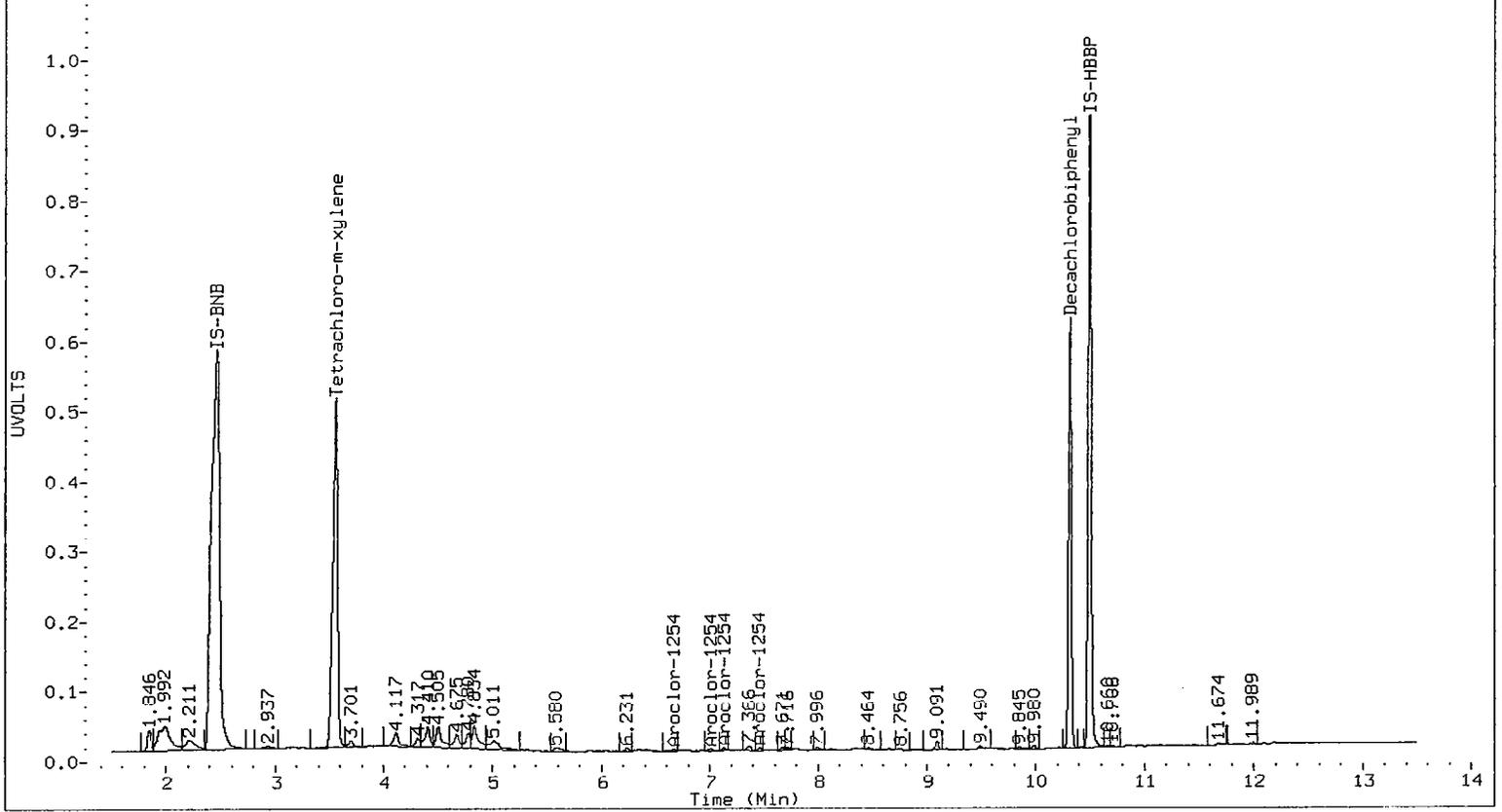
Total PCB Area Coll1 (3.642 - 10.391) = 97368246

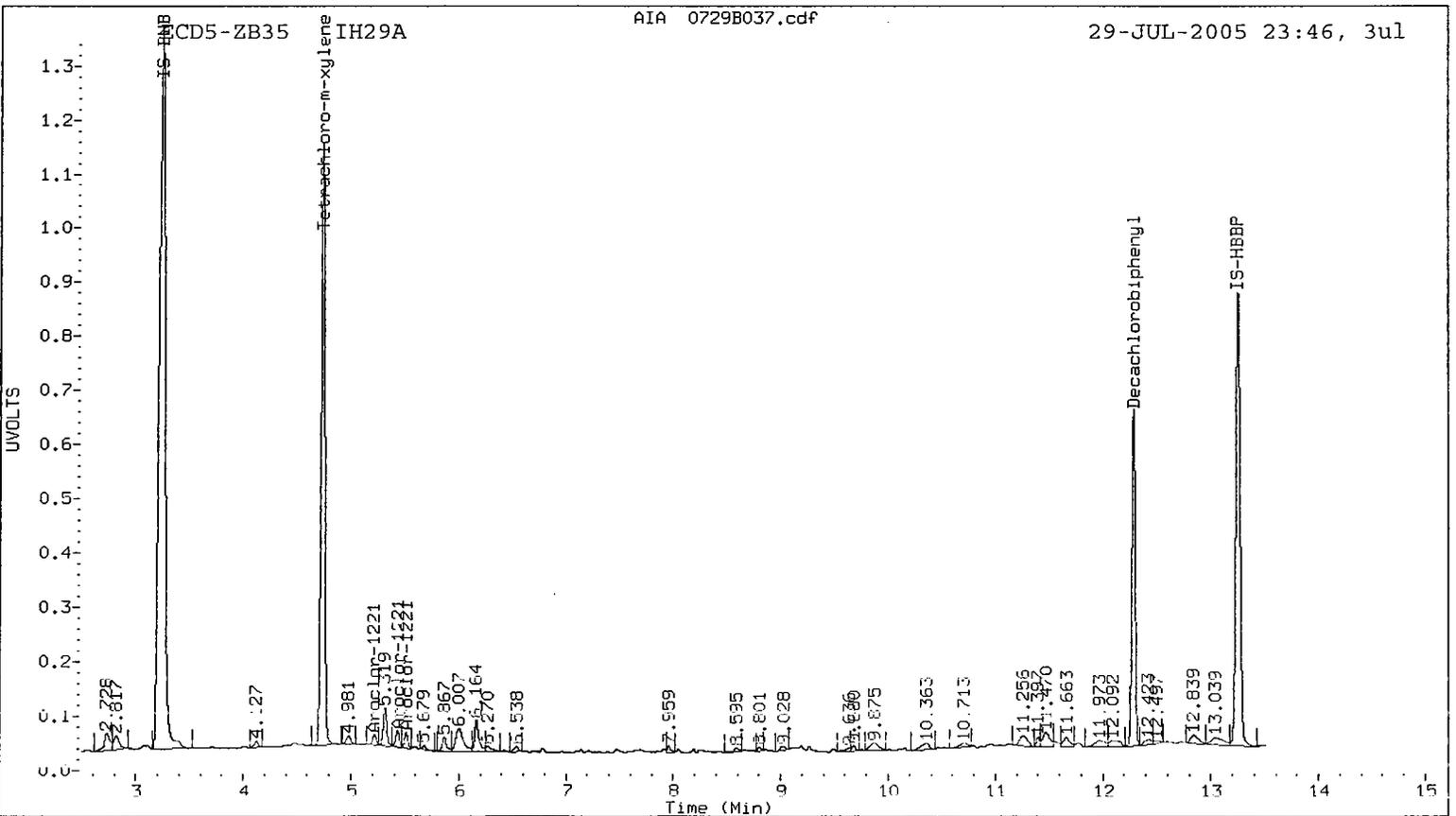
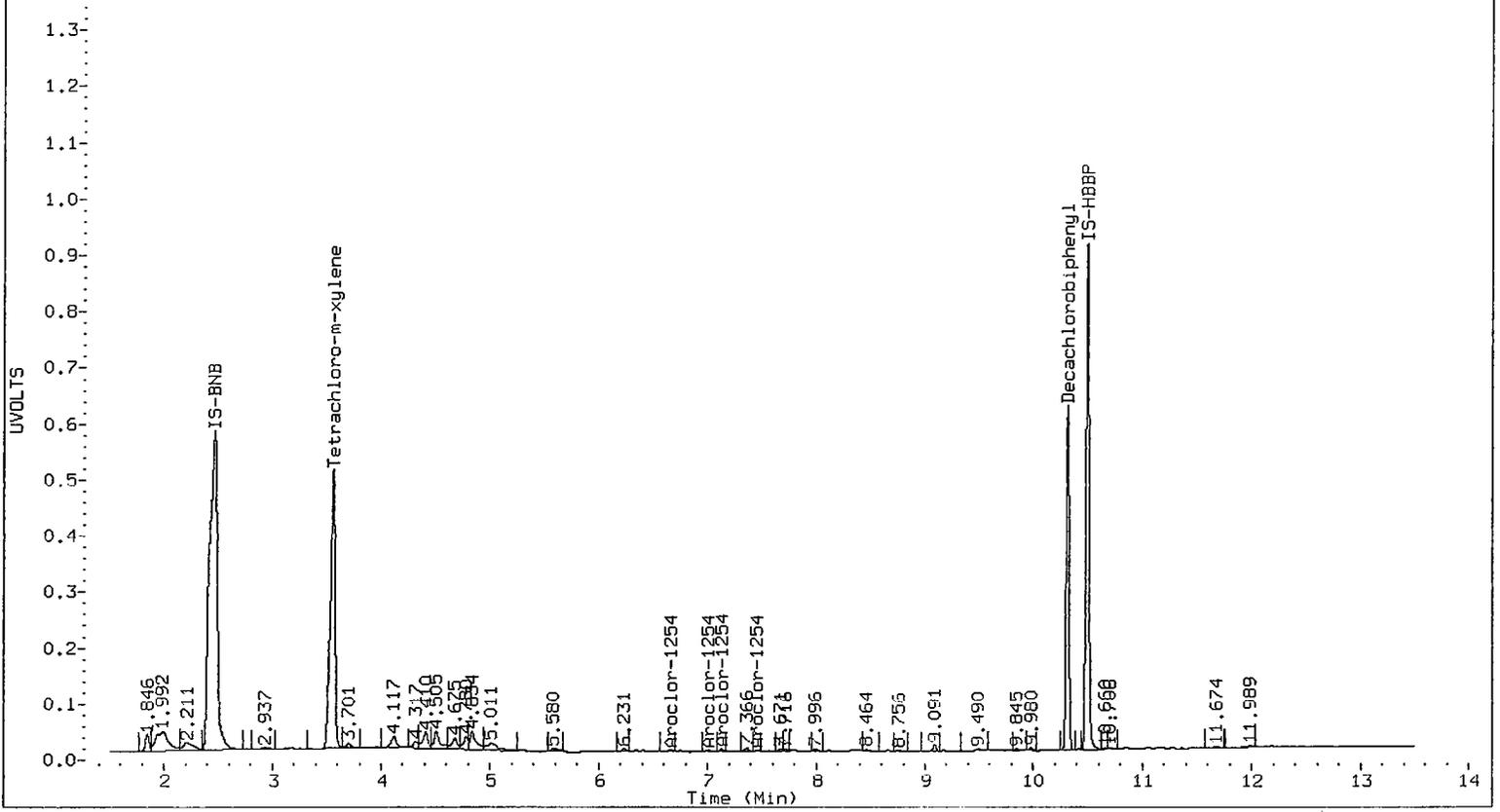
Coll1 Total PCB = 0.1 ppm*

Total PCB Area Coll2 (4.829 - 10.391) = 5827690

Coll2 Total PCB = 0.1 ppm*

* Quantitated against AR1660 0.5ppm in 1cal





ORGANICS ANALYSIS DATA SHEET

PSDDA PCB by GC/ECD

Page 1 of 1



Sample ID: AN-RI-SEDC-01B

SAMPLE

Lab Sample ID: IH29B

LIMS ID: 05-11904

Matrix: Sediment

Data Release Authorized:

Reported: 08/02/05

QC Report No: IH29-Anchor Environmental

Project: KC Former Scott Mill

00010501/T2

Date Sampled: 07/15/05

Date Received: 07/18/05

Date Extracted: 07/26/05

Date Analyzed: 07/30/05 00:03

Instrument/Analyst: ECD5/PK

GPC Cleanup: No

Sulfur Cleanup: Yes

Acid Cleanup: Yes

Florisil Cleanup: No

Sample Amount: 25.8 g-dry-wt

Final Extract Volume: 5.0 mL

Dilution Factor: 1.00

Silica Gel: No

pH: 7.5

Percent Moisture: 22.0%

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	19	< 19 U
53469-21-9	Aroclor 1242	19	< 19 U
12672-29-6	Aroclor 1248	19	< 19 U
11097-69-1	Aroclor 1254	19	< 19 U
11096-82-5	Aroclor 1260	19	< 19 U
11104-28-2	Aroclor 1221	19	< 19 U
11141-16-5	Aroclor 1232	19	< 19 U

Reported in $\mu\text{g}/\text{kg}$ (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	96.8%
Tetrachlorometaxylene	91.0%

Analytical Resources Inc.
Dual Column PCB Quantitation Report

Data file 1: 20050720.b/0729-1.b/0729B038.d
Data file 2: 20050720.b/0729-2.b/0729B038.d
Method: /chem2/ecd5.i/20050720.b/PCB1.m
Compound Sublist: PCB
Instrument, Inj. Vol.: ecd5.i, 3ul
Quant Method: Internal Std

ARI ID: IH29B
Client ID: AN-RI-SEDC-01B
Injection Date: 30-JUL-2005 00:03
Report Date: 08/02/2005 09:57
Matrix: SOIL
Dilution Factor: 1.000

RT	CLP Col Shift Response	ZB35 Col Shift Response	RT	ZB35 Col Shift Response	CLP on col	ZB35 on col	RPD	Compound/Flag
3.563	0.021 76434428	4.743 0.015 13206470	4.743	0.015 13206470	0.0349	0.0364	4.2	Tetrachloro-m-xylene
10.316	0.009 63347011	12.285 0.009 6413912	12.285	0.009 6413912	0.0387	0.0371	4.2	Decachlorobiphenyl

- * Indicates RPD > 40%
- M Indicates Column 1 peak was manually integrated
- N Indicates Column 2 peak was manually integrated

SURROGATE PERCENT RECOVERY

SURROGATE	Col1	Col2
Tetrachloro-m-xylene	87.2	90.9
Decachlorobiphenyl	96.7	92.8

INTERNAL STANDARD SUMMARY

Standard Cpnd	Column 1		%D
	Standard Area*	Sample Area	
Bromo-Nitrobenzene	125791287	154886155	23.1
Hexabromobiphenyl	62776174	103275153	64.5

Standard Cpnd	Column 2		%D
	Standard Area*	Sample Area	
Bromo-Nitrobenzene	23643829	26650274	12.7
Hexabromobiphenyl	10484374	11432992	9.0

- * Standard Areas taken from Initial Cal Level 4
Initial Calibration Date: 20-JUL-2005
- <- Indicates standard response outside Limits (-50 to +100%)

CLP Col

ZB35 Col

Aroclor	Peak#	RT	Shift	Area	Amount	Peak#	RT	Shift	Area	Amount
Aroclor-1016	1	---			0.000	1	---			0.000
Aroclor-1016	2	---			0.000	2	---			0.000
Aroclor-1016	3	---			0.000	3	---			0.000
Aroclor-1016	4	---			0.000	4	---			0.000
CollAve: <3 Quant Peaks						Col2Ave: <3 Quant Peaks				
Aroclor-1221	1	---			0.000	1	---			0.000
Aroclor-1221	2	---			0.000	2	---			0.000
Aroclor-1221	3	---			0.000	3	---			0.000
CollAve: <3 Quant Peaks						Col2Ave: <3 Quant Peaks				
Aroclor-1232	1	---			0.000	1	---			0.000
Aroclor-1232	2	---			0.000	2	---			0.000
Aroclor-1232	3	---			0.000	3	---			0.000
Aroclor-1232	4	---			0.000	4	---			0.000
CollAve: <3 Quant Peaks						Col2Ave: <3 Quant Peaks				
Aroclor-1242	1	---			0.000	1	---			0.000
Aroclor-1242	2	---			0.000	2	---			0.000
Aroclor-1242	3	---			0.000	3	---			0.000
Aroclor-1242	4	---			0.000	4	---			0.000
Aroclor-1242	NS	---			----	5	---			0.000
CollAve: <3 Quant Peaks						Col2Ave: <3 Quant Peaks				
Aroclor-1248	1	---			0.000	1	---			0.000
Aroclor-1248	2	---			0.000	2	---			0.000
Aroclor-1248	3	---			0.000	3	---			0.000
Aroclor-1248	4	---			0.000	4	---			0.000
CollAve: <3 Quant Peaks						Col2Ave: <3 Quant Peaks				
Aroclor-1254	1	---			0.000	1	---			0.000
Aroclor-1254	2	---			0.000	2	---			0.000
Aroclor-1254	3	---			0.000	3	---			0.000
Aroclor-1254	4	---			0.000	4	---			0.000
CollAve: <3 Quant Peaks						Col2Ave: <3 Quant Peaks				
Aroclor-1260	1	---			0.000	1	---			0.000
Aroclor-1260	2	---			0.000	2	---			0.000
Aroclor-1260	3	---			0.000	3	---			0.000
Aroclor-1260	4	---			0.000	4	---			0.000
Aroclor-1260	5	---			0.000	5	---			0.000
CollAve: <3 Quant Peaks						Col2Ave: <3 Quant Peaks				
Aroclor-1262	1	---			0.000	1	---			0.000
Aroclor-1262	2	---			0.000	2	---			0.000
Aroclor-1262	3	---			0.000	3	---			0.000
Aroclor-1262	4	---			0.000	4	---			0.000
CollAve: <3 Quant Peaks						Col2Ave: <3 Quant Peaks				
Aroclor-1268	1	---			0.000	1	---			0.000
Aroclor-1268	2	---			0.000	2	---			0.000
Aroclor-1268	3	---			0.000	3	---			0.000
Aroclor-1268	4	---			0.000	4	---			0.000
CollAve: <3 Quant Peaks						Col2Ave: <3 Quant Peaks				

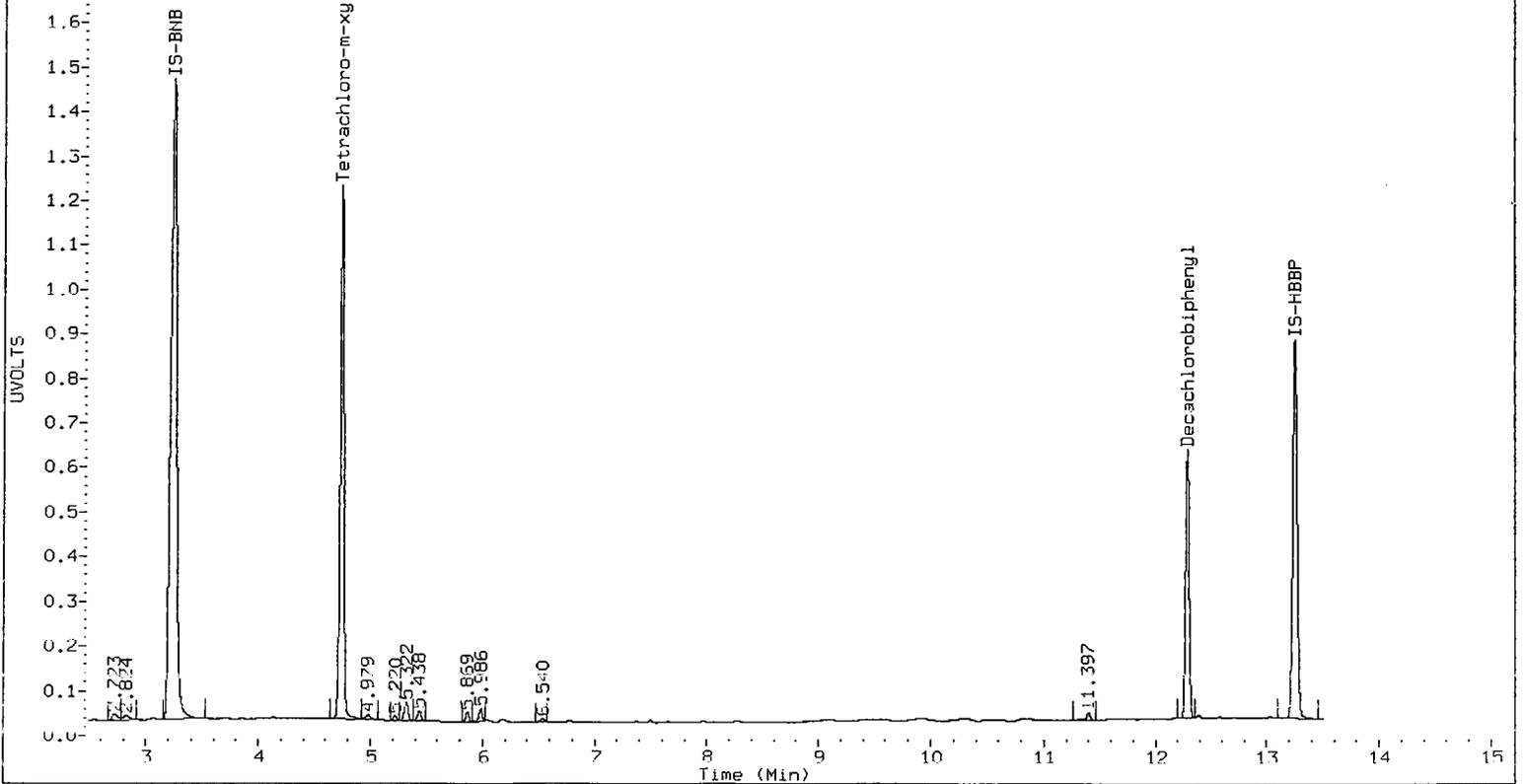
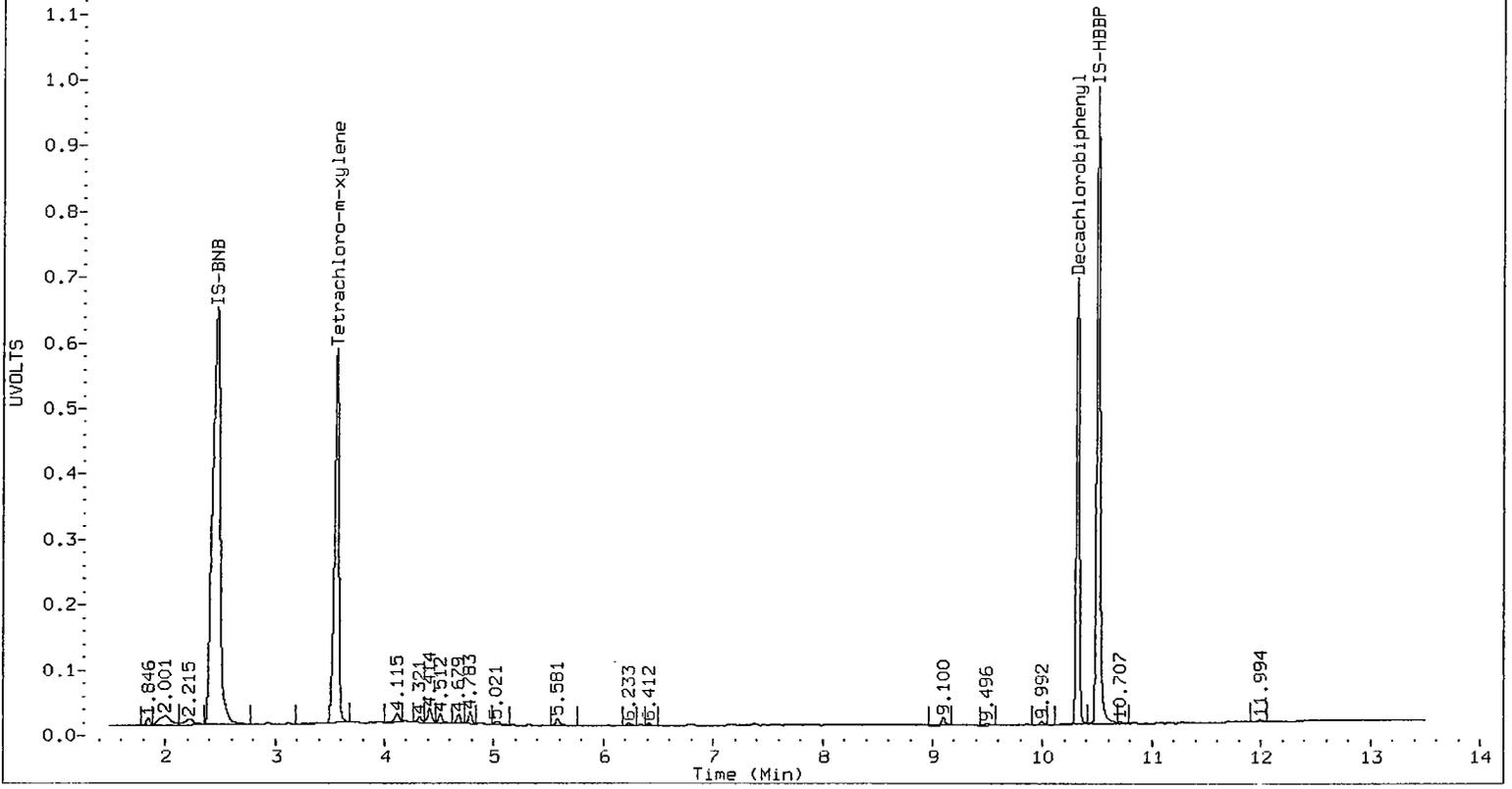
Total PCB Area Col1 (3.642 - 10.391) = 79748809

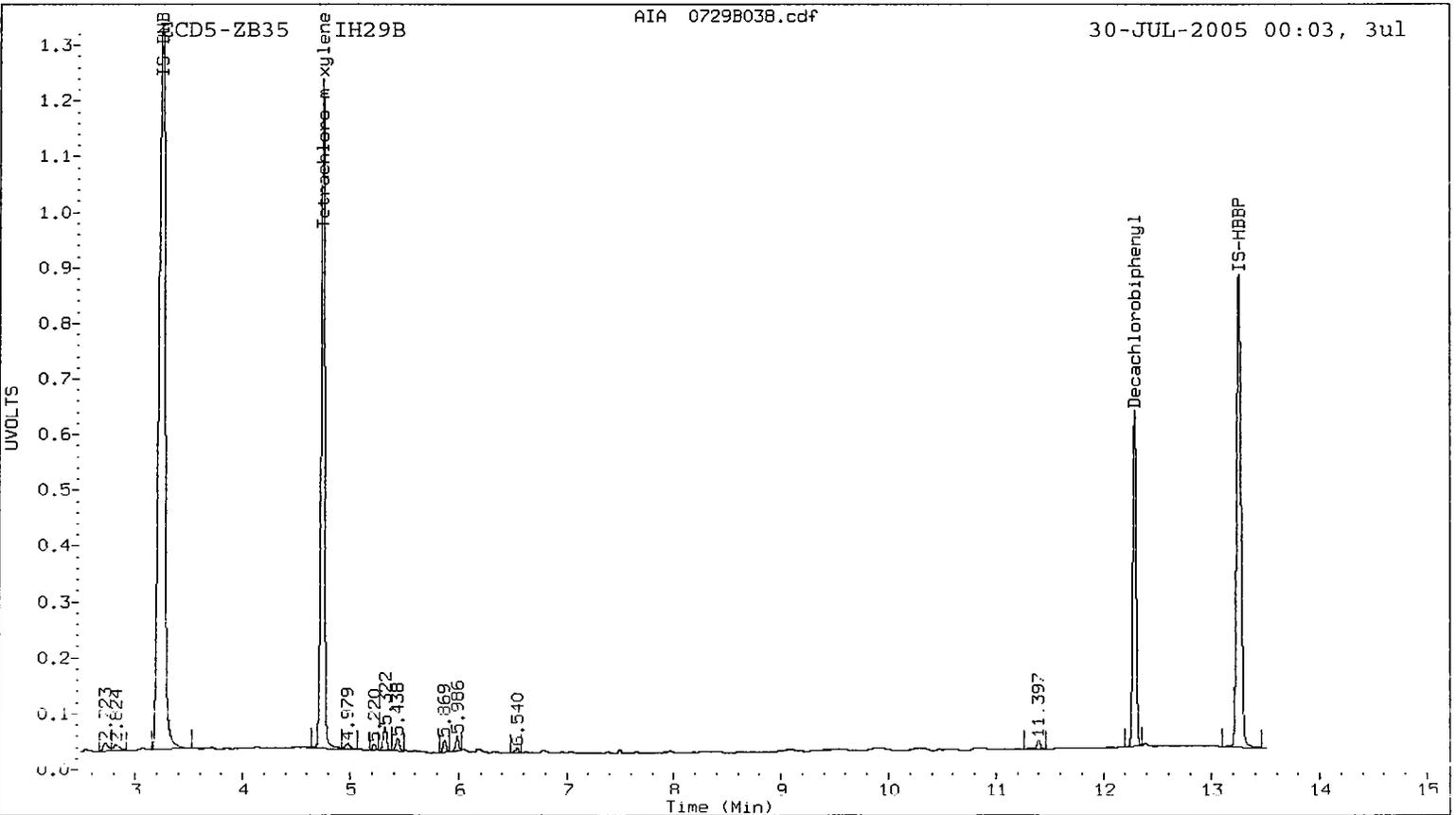
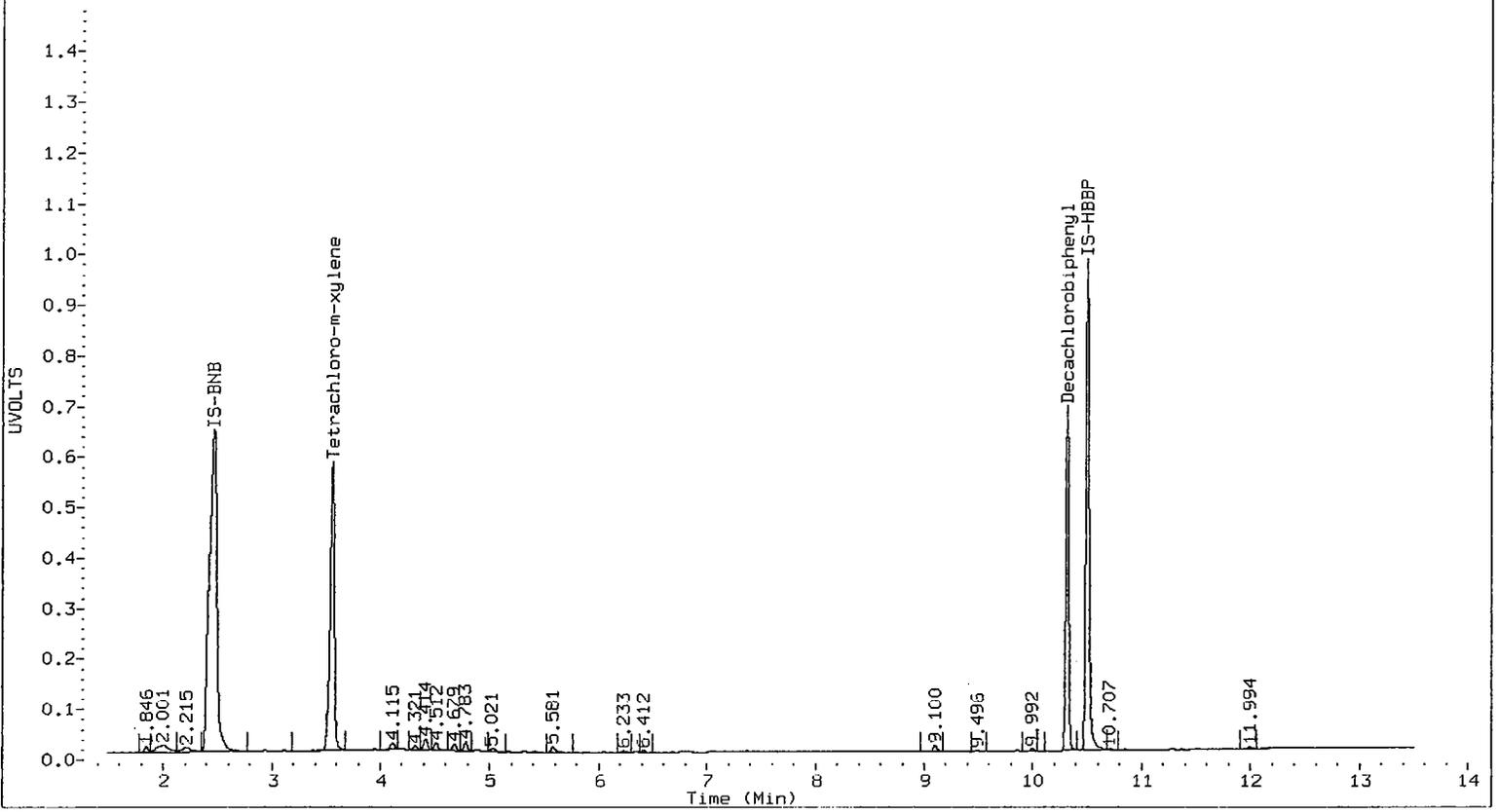
Col1 Total PCB = 0.1 ppm*

Total PCB Area Col2 (4.829 - 10.391) = 1605070

Col2 Total PCB = 0.0 ppm*

* Quantitated against AR1660 0.5ppm in icai





ORGANICS ANALYSIS DATA SHEET

PSDDA PCB by GC/ECD

Page 1 of 1

Sample ID: AN-RI-SEDC-01C

SAMPLE

Lab Sample ID: IH29C

LIMS ID: 05-11905

Matrix: Sediment

Data Release Authorized: 

Reported: 08/02/05

QC Report No: IH29-Anchor Environmental

Project: KC Former Scott Mill

00010501/T2

Date Sampled: 07/15/05

Date Received: 07/18/05

Date Extracted: 07/26/05

Date Analyzed: 07/30/05 00:20

Instrument/Analyst: ECD5/PK

GPC Cleanup: No

Sulfur Cleanup: Yes

Acid Cleanup: Yes

Florisil Cleanup: No

Sample Amount: 26.1 g-dry-wt

Final Extract Volume: 5.0 mL

Dilution Factor: 1.00

Silica Gel: No

pH: 8.1

Percent Moisture: 20.1%

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	19	< 19 U
53469-21-9	Aroclor 1242	19	< 19 U
12672-29-6	Aroclor 1248	19	< 19 U
11097-69-1	Aroclor 1254	19	< 19 U
11096-82-5	Aroclor 1260	19	< 19 U
11104-28-2	Aroclor 1221	19	< 19 U
11141-16-5	Aroclor 1232	19	< 19 U

Reported in $\mu\text{g}/\text{kg}$ (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	103%
Tetrachlorometaxylene	92.2%

Analytical Resources Inc.
Dual Column PCB Quantitation Report

Data file 1: 20050720.b/0729-1.b/0729B039.d
Data file 2: 20050720.b/0729-2.b/0729B039.d
Method: /chem2/ecd5.i/20050720.b/PCB1.m
Compound Sublist: PCB
Instrument, Inj. Vol.: ecd5.i, 3ul
Quant Method: Internal Std

ARI ID: IH29C
Client ID: AN-RI-SEDC-01C
Injection Date: 30-JUL-2005 00:20
Report Date: 08/02/2005 09:57
Matrix: SOIL
Dilution Factor: 1.000

RT	CLP Col Shift Response	ZB35 Col Shift Response	RT	ZB35 Col Shift Response	CLP on col	ZB35 on col	RPD	Compound/Flag
3.564	0.022 78784157	4.744 0.015 13515588	10.314	0.007 68773372	0.0369	0.0367	0.4	Tetrachloro-m-xylene
					0.0412	0.0389	5.7	Decachlorobiphenyl

- * Indicates RPD > 40%
- M Indicates Column 1 peak was manually integrated
- N Indicates Column 2 peak was manually integrated

SURROGATE PERCENT RECOVERY

SURROGATE	Col1	Col2
Tetrachloro-m-xylene	92.2	91.8
Decachlorobiphenyl	103.1	97.4

INTERNAL STANDARD SUMMARY

Standard Cpnd	Column 1		%D
	Standard Area*	Sample Area	
Bromo-Nitrobenzene	125791287	150954252	20.0
Hexabromobiphenyl	62776174	105217068	67.6

Standard Cpnd	Column 2		%D
	Standard Area*	Sample Area	
Bromo-Nitrobenzene	23643829	27007333	14.2
Hexabromobiphenyl	10484374	11346025	8.2

- * Standard Areas taken from Initial Cal Level 4
Initial Calibration Date: 20-JUL-2005
- <- Indicates standard response outside Limits (-50 to +100%)

CLP Col

ZB35 Col

Aroclor	Peak#	RT	Shift	Area	Amount	Peak#	RT	Shift	Area	Amount
Aroclor-1016	1	---			0.000	1	---			0.000
Aroclor-1016	2	---			0.000	2	---			0.000
Aroclor-1016	3	---			0.000	3	---			0.000
Aroclor-1016	4	---			0.000	4	---			0.000
CollAve: <3 Quant Peaks						Col2Ave: <3 Quant Peaks				
Aroclor-1221	1	---			0.000	1	---			0.000
Aroclor-1221	2	---			0.000	2	---			0.000
Aroclor-1221	3	---			0.000	3	---			0.000
CollAve: <3 Quant Peaks						Col2Ave: <3 Quant Peaks				
Aroclor-1232	1	4.116	0.040	7954134	0.202	1	---			0.000
Aroclor-1232	2	---			0.000	2	---			0.000
Aroclor-1232	3	5.171	-0.016	2021048	0.034	3	---			0.000
Aroclor-1232	4	5.320	-0.038	1970865	0.075	4	---			0.000
Total CollAve (3 peaks): 0.104						Col2Ave: <3 Quant Peaks				
Aroclor-1242	1	4.116	0.037	7954134	0.265	1	---			0.000
Aroclor-1242	2	5.171	-0.018	2021048	0.019	2	---			0.000
Aroclor-1242	3	5.320	-0.039	1970865	0.039	3	---			0.000
Aroclor-1242	4	---			0.000	4	---			0.000
Aroclor-1242	NS	---			----	5	---			0.000
Total CollAve (3 peaks): 0.108						Col2Ave: <3 Quant Peaks				
Aroclor-1248	1	---			0.000	1	---			0.000
Aroclor-1248	2	---			0.000	2	---			0.000
Aroclor-1248	3	---			0.000	3	---			0.000
Aroclor-1248	4	---			0.000	4	---			0.000
CollAve: <3 Quant Peaks						Col2Ave: <3 Quant Peaks				
Aroclor-1254	1	---			0.000	1	---			0.000
Aroclor-1254	2	---			0.000	2	---			0.000
Aroclor-1254	3	---			0.000	3	---			0.000
Aroclor-1254	4	---			0.000	4	---			0.000
CollAve: <3 Quant Peaks						Col2Ave: <3 Quant Peaks				
Aroclor-1260	1	---			0.000	1	---			0.000
Aroclor-1260	2	---			0.000	2	---			0.000
Aroclor-1260	3	---			0.000	3	---			0.000
Aroclor-1260	4	---			0.000	4	---			0.000
Aroclor-1260	5	---			0.000	5	---			0.000
CollAve: <3 Quant Peaks						Col2Ave: <3 Quant Peaks				
Aroclor-1262	1	---			0.000	1	---			0.000
Aroclor-1262	2	---			0.000	2	---			0.000
Aroclor-1262	3	---			0.000	3	---			0.000
Aroclor-1262	4	---			0.000	4	---			0.000
CollAve: <3 Quant Peaks						Col2Ave: <3 Quant Peaks				
Aroclor-1268	1	---			0.000	1	---			0.000
Aroclor-1268	2	---			0.000	2	---			0.000
Aroclor-1268	3	---			0.000	3	---			0.000
Aroclor-1268	4	---			0.000	4	---			0.000
CollAve: <3 Quant Peaks						Col2Ave: <3 Quant Peaks				

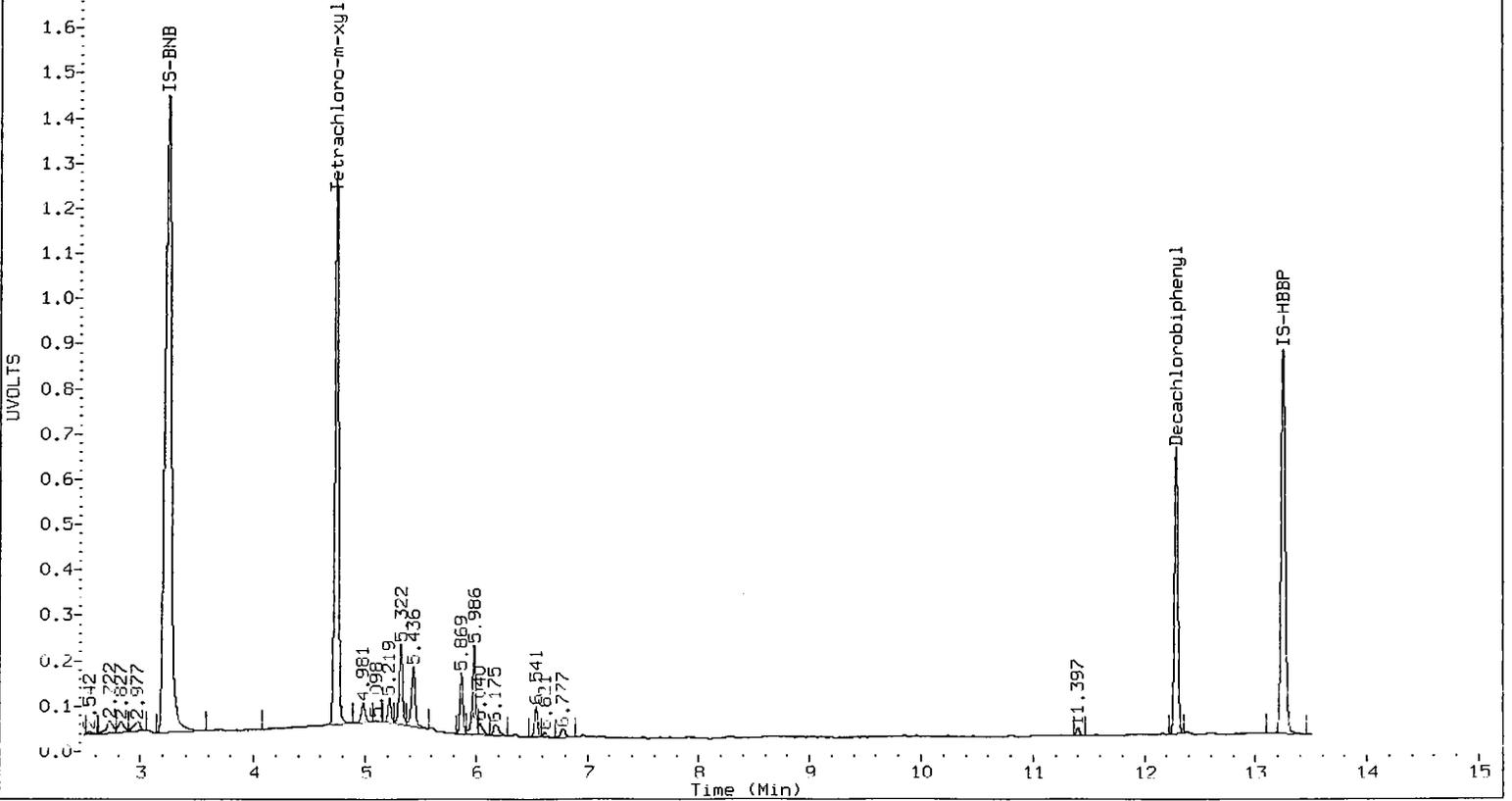
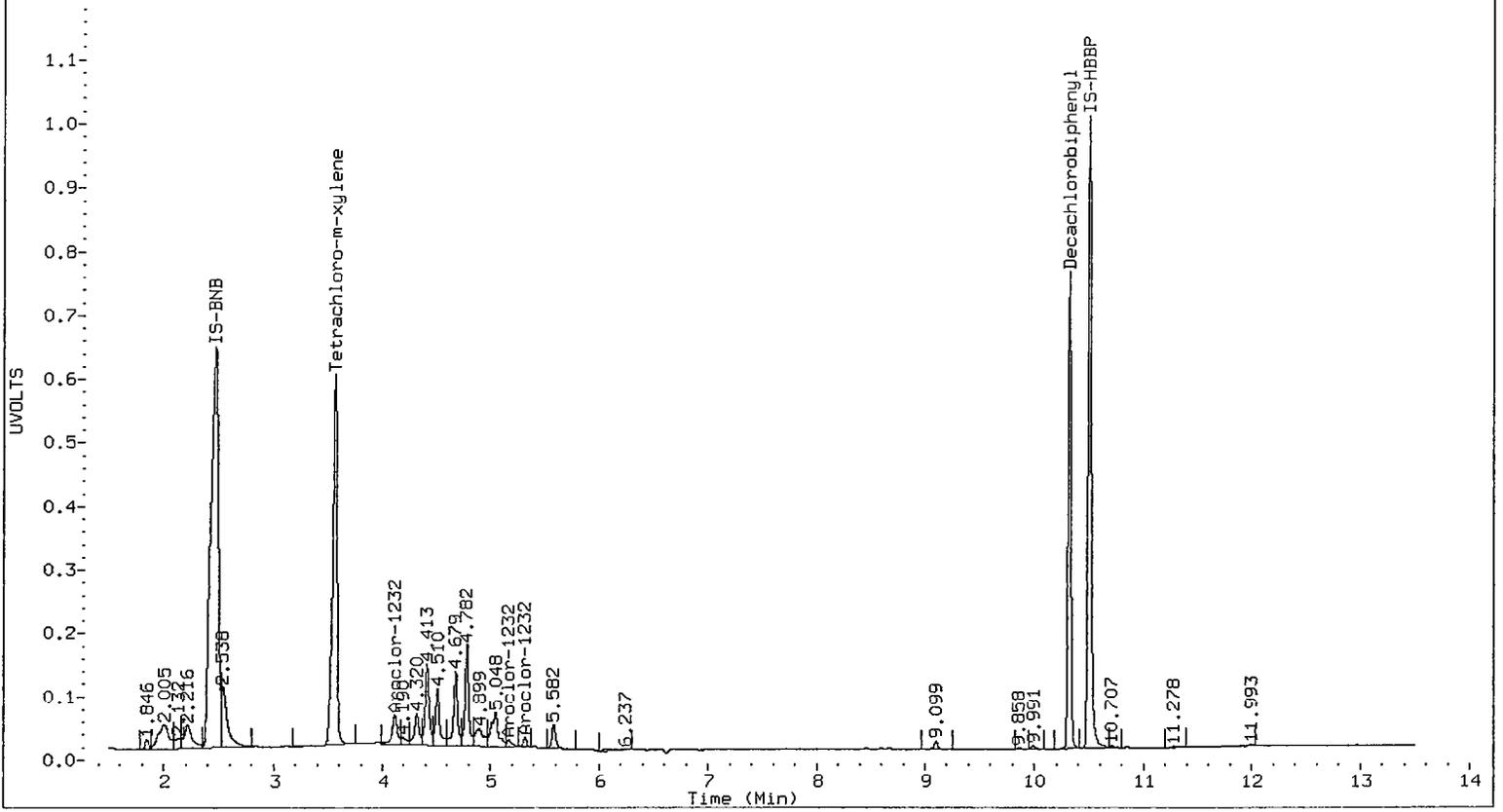
Total PCB Area Col1 (3.642 - 10.391) = 184978265

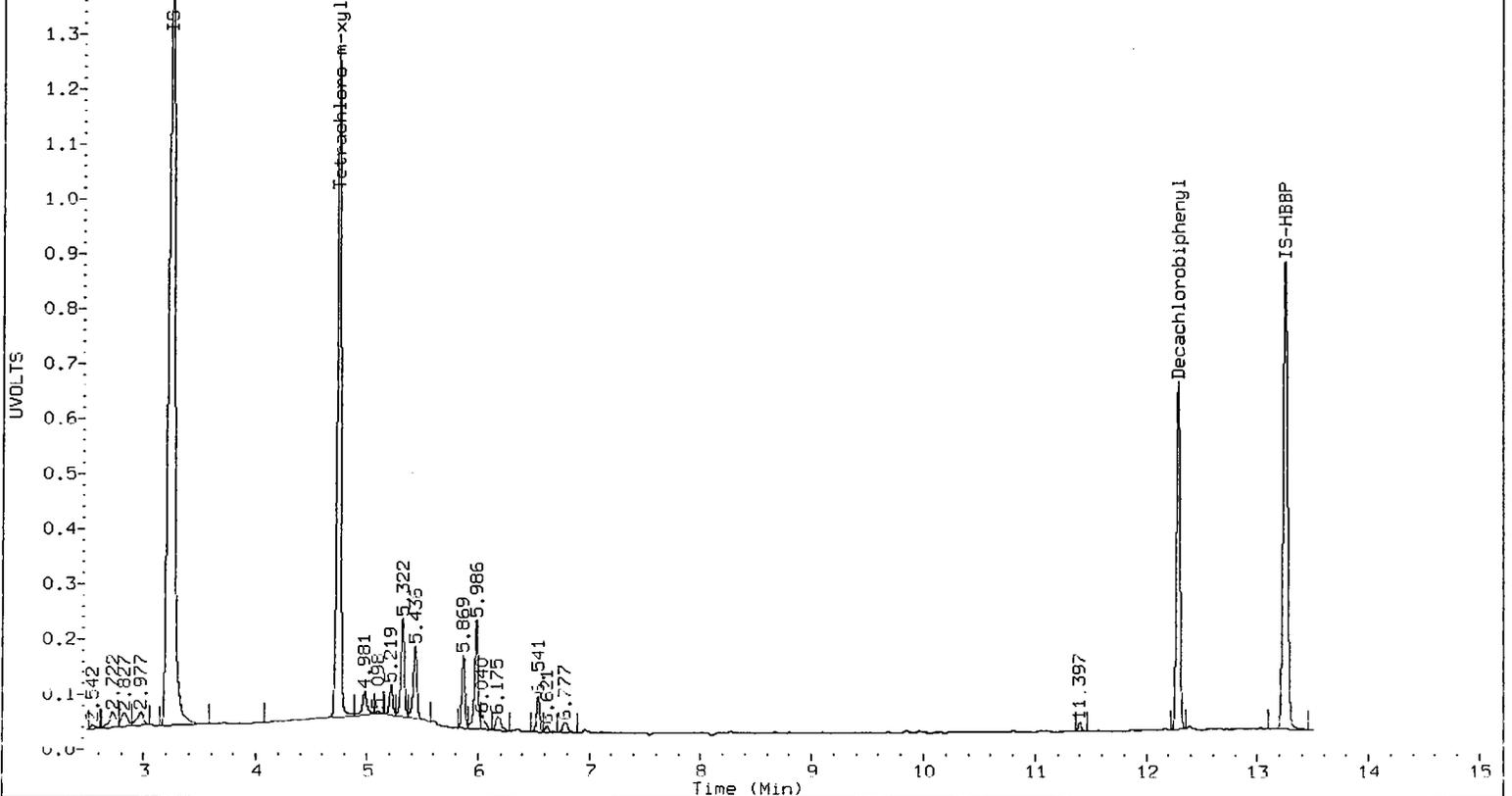
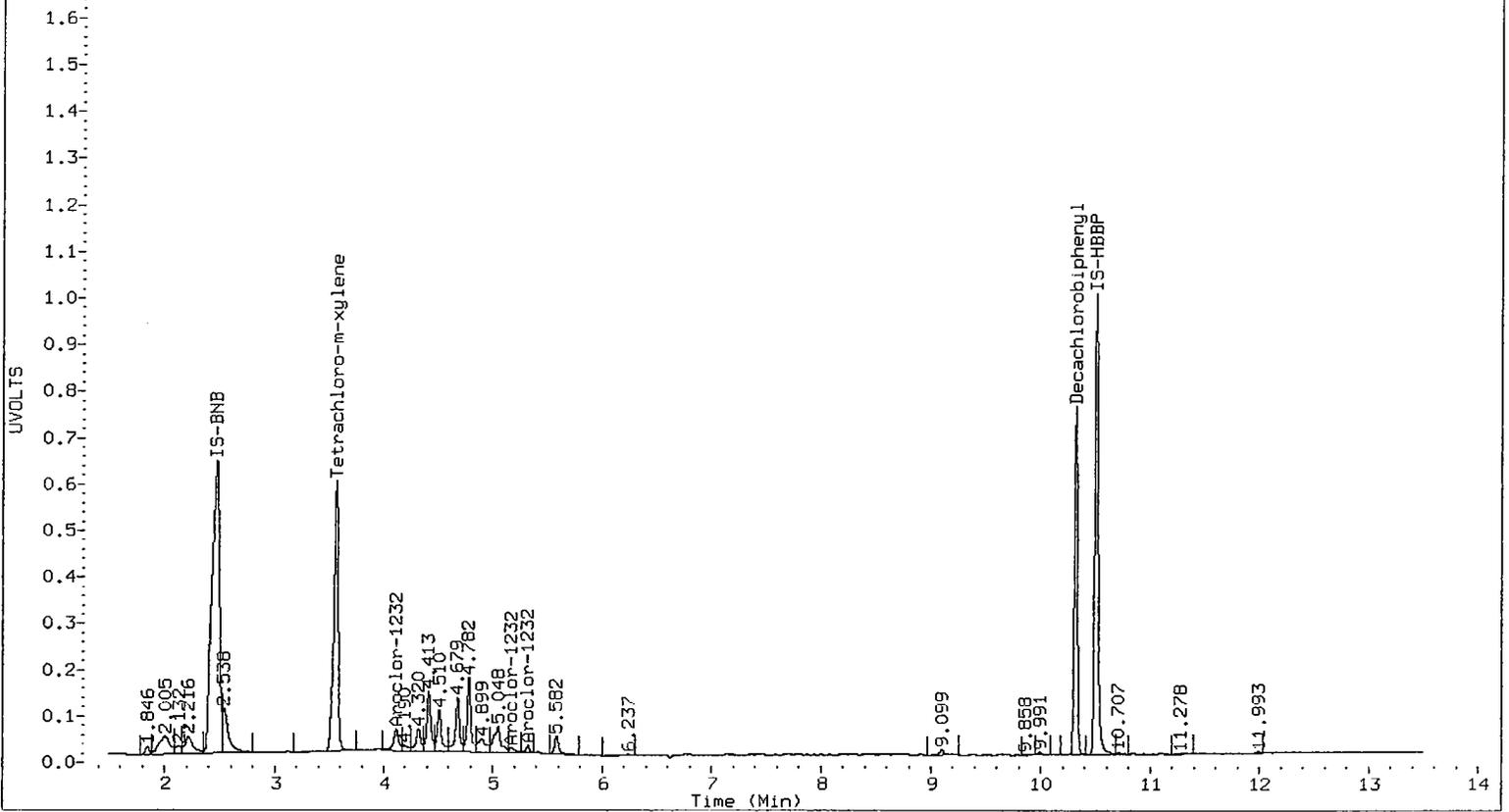
Col1 Total PCB = 0.2 ppm*

Total PCB Area Col2 (4.829 - 10.391) = 10079837

Col2 Total PCB = 0.1 ppm*

* Quantitated against AR1660 0.5ppm in Ical





ORGANICS ANALYSIS DATA SHEET

PSDDA PCB by GC/ECD

Page 1 of 1

Sample ID: AN-RI-SEDC-03A
SAMPLE

Lab Sample ID: IH29D

LIMS ID: 05-11906

Matrix: Sediment

Data Release Authorized: 

Reported: 08/02/05

QC Report No: IH29-Anchor Environmental

Project: KC Former Scott Mill

00010501/T2

Date Sampled: 07/15/05

Date Received: 07/18/05

Date Extracted: 07/26/05

Date Analyzed: 07/30/05 01:11

Instrument/Analyst: ECD5/PK

GPC Cleanup: No

Sulfur Cleanup: Yes

Acid Cleanup: Yes

Florisil Cleanup: No

Sample Amount: 25.2 g-dry-wt

Final Extract Volume: 5.0 mL

Dilution Factor: 1.00

Silica Gel: No

pH: 7.4

Percent Moisture: 35.7%

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	20	< 20 U
53469-21-9	Aroclor 1242	20	< 20 U
12672-29-6	Aroclor 1248	20	< 20 U
11097-69-1	Aroclor 1254	20	50 P
11096-82-5	Aroclor 1260	20	< 20 U
11104-28-2	Aroclor 1221	20	< 20 U
11141-16-5	Aroclor 1232	20	< 20 U

Reported in $\mu\text{g}/\text{kg}$ (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	94.0%
Tetrachlorometaxylene	82.8%

Analytical Resources Inc.
Dual Column PCB Quantitation Report

Data file 1: 20050720.b/0729-1.b/0729B042.d
Data file 2: 20050720.b/0729-2.b/0729B042.d
Method: /chem2/ecd5.i/20050720.b/PCB1.m
Compound Sublist: PCB
Instrument, Inj. Vol.: ecd5.i, 3ul
Quant Method: Internal Std

ARI ID: IH29D
Client ID: AN-RI-SEDC-03A
Injection Date: 30-JUL-2005 01:11
Report Date: 08/02/2005 09:57
Matrix: SOIL
Dilution Factor: 1.000

RT	CLP Col Shift Response	ZB35 Col Shift Response	RT	CLP on col	ZB35 on col	RPD	Compound/Flag
3.567	0.025 65087191	4.745 0.017 10490991	4.745	0.0314	0.0331	5.1	Tetrachloro-m-xylene M
10.313	0.006 49781726	12.285 0.010 6522030	12.285	0.0376	0.0368	2.0	Decachlorobiphenyl

- * Indicates RPD > 40%
- M Indicates Column 1 peak was manually integrated
- N Indicates Column 2 peak was manually integrated

SURROGATE PERCENT RECOVERY

SURROGATE	Col1	Col2
Tetrachloro-m-xylene	78.6	82.7
Decachlorobiphenyl	93.9	92.1

INTERNAL STANDARD SUMMARY

Standard Cpnd	Column 1		%D
	Standard Area*	Sample Area	
Bromo-Nitrobenzene	125791287	146330183	16.3
Hexabromobiphenyl	62776174	83581250	33.1

Standard Cpnd	Column 2		%D
	Standard Area*	Sample Area	
Bromo-Nitrobenzene	23643829	23275113	-1.6
Hexabromobiphenyl	10484374	11713826	11.7

- * Standard Areas taken from Initial Cal Level 4
Initial Calibration Date: 20-JUL-2005
- <- Indicates standard response outside Limits (-50 to +100%)

CLP Col					ZB35 Col					
Aroclor	Peak#	RT	Shift	Area	Amount	Peak#	RT	Shift	Area	Amount
Aroclor-1016	1	---			0.000	1	6.162	0.016	205118	0.020
Aroclor-1016	2	5.180	-0.004	1003437	0.007	2	6.714	0.009	340619	0.015
Aroclor-1016	3	5.378	0.023	546154	0.009	3	6.904	0.010	108174	0.013
Aroclor-1016	4	5.883	0.012	3728119	0.067	4	7.523	0.012	678629	0.117
Total CollAve (3 peaks): 0.028					Total Col2Ave (4 peaks): 0.041					RPD = 39
Corrected Ave: < 3 Peaks					Corrected Ave (3 peaks): 0.016					
Aroclor-1221	1	---			0.000	1	5.220	-0.040	212138	0.064
Aroclor-1221	2	---			0.000	2	5.438	-0.024	132774	0.067
Aroclor-1221	3	---			0.000	3	5.520	-0.037	155191	0.024
CollAve: <3 Quant Peaks					Col2Ave: 0.051					
Aroclor-1232	1	4.105	0.029	14251740	0.373	1	5.520	-0.036	155191	0.029
Aroclor-1232	2	---			0.000	2	6.162	0.013	205118	0.041
Aroclor-1232	3	5.180	-0.007	1003437	0.018	3	6.714	0.008	340619	0.037
Aroclor-1232	4	5.378	0.020	546154	0.022	4	7.065	0.011	73621	0.034
Total CollAve (3 peaks): 0.137					Total Col2Ave (4 peaks): 0.035					RPD = 118*
Corrected Ave: < 3 Peaks					Corrected Ave (4 peaks): 0.035					
Aroclor-1242	1	4.105	0.026	14251740	0.489	1	5.520	-0.037	155191	0.041
Aroclor-1242	2	5.180	-0.009	1003437	0.010	2	6.714	0.008	340619	0.020
Aroclor-1242	3	5.378	0.019	546154	0.011	3	6.904	0.009	108174	0.016
Aroclor-1242	4	5.883	0.009	3728119	0.081	4	7.065	0.012	73621	0.018
Aroclor-1242	NS	---			---	5	7.523	0.011	678629	0.134
Total CollAve (4 peaks): 0.148					Total Col2Ave (5 peaks): 0.046					RPD = 105*
Corrected Ave (3 peaks): 0.034					Corrected Ave (4 peaks): 0.024					RPD = 35
Aroclor-1248	1	5.180	-0.005	1003437	0.012	1	6.714	0.010	340619	0.027
Aroclor-1248	2	5.883	0.009	3728119	0.051	2	7.142	0.010	1297804	0.190
Aroclor-1248	3	5.987	0.007	1667383	0.039	3	7.523	0.010	678629	0.086
Aroclor-1248	4	6.401	0.005	6802334	0.098	4	7.921	0.008	1138218	0.103
Total CollAve (4 peaks): 0.050					Total Col2Ave (4 peaks): 0.102					RPD = 68*
Corrected Ave (3 peaks): 0.034					Corrected Ave (3 peaks): 0.072					RPD = 72*
Aroclor-1254	1	6.663	0.007	17387370	0.166	1	8.192	0.007	2122966	0.218
Aroclor-1254	2	6.990	0.006	9542803	0.183	2	8.666	0.006	1993998	0.267
Aroclor-1254	3	7.135	0.006	13643062	0.128	3	8.801	0.007	3555153	0.244
Aroclor-1254	4	7.460	0.004	13338068	0.157	4	9.492	0.008	2423937	0.286
Total CollAve (4 peaks): 0.159					Total Col2Ave (4 peaks): 0.254					RPD = 46*
Corrected Ave (4 peaks): 0.159					Corrected Ave (4 peaks): 0.254					RPD = 46*
Aroclor-1260	1	8.091	-0.024	3501116	0.050	1	9.756	0.007	198337	0.025
Aroclor-1260	2	8.407	0.009	1970217	0.027	2	10.159	0.011	1018901	0.109
Aroclor-1260	3	8.758	0.005	3059349	0.019	3	10.371	0.009	534797	0.028
Aroclor-1260	4	9.085	0.005	3640422	0.030	4	10.794	-0.018	325325	0.065
Aroclor-1260	5	9.171	0.009	1063502	0.027	5	10.874	0.007	357575	0.030
Total CollAve (5 peaks): 0.031					Total Col2Ave (5 peaks): 0.051					RPD = 51*
Corrected Ave (5 peaks): 0.031					Corrected Ave (4 peaks): 0.037					RPD = 19
Aroclor-1262	1	8.091	-0.025	3501116	0.029	1	10.159	0.012	1018901	0.072
Aroclor-1262	2	8.758	0.004	3059349	0.013	2	10.371	0.009	534797	0.019
Aroclor-1262	3	9.171	0.009	1063502	0.011	3	10.874	0.006	357575	0.020
Aroclor-1262	4	9.785	0.006	854820	0.014	4	11.474	0.006	184220	0.021
Total CollAve (4 peaks): 0.017					Total Col2Ave (4 peaks): 0.033					RPD = 65*
Corrected Ave (3 peaks): 0.013					Corrected Ave (3 peaks): 0.020					RPD = 45*
Aroclor-1268	1	9.171	0.014	1063502	0.005	1	10.794	-0.015	325325	0.012
Aroclor-1268	2	---			0.000	2	10.874	0.006	357575	0.014
Aroclor-1268	3	9.785	0.007	854820	0.013	3	11.226	0.017	71199	0.003
Aroclor-1268	4	10.082	-0.016	834322	0.002	4	---			0.000
Total CollAve (3 peaks): 0.006					Total Col2Ave (3 peaks): 0.010					RPD = 40
Corrected Ave: < 3 Peaks					Corrected Ave (3 peaks): 0.010					

Total PCB Area Col1 (3.642 - 10.391) = 317751469

Col1 Total PCB = 0.4 ppm*

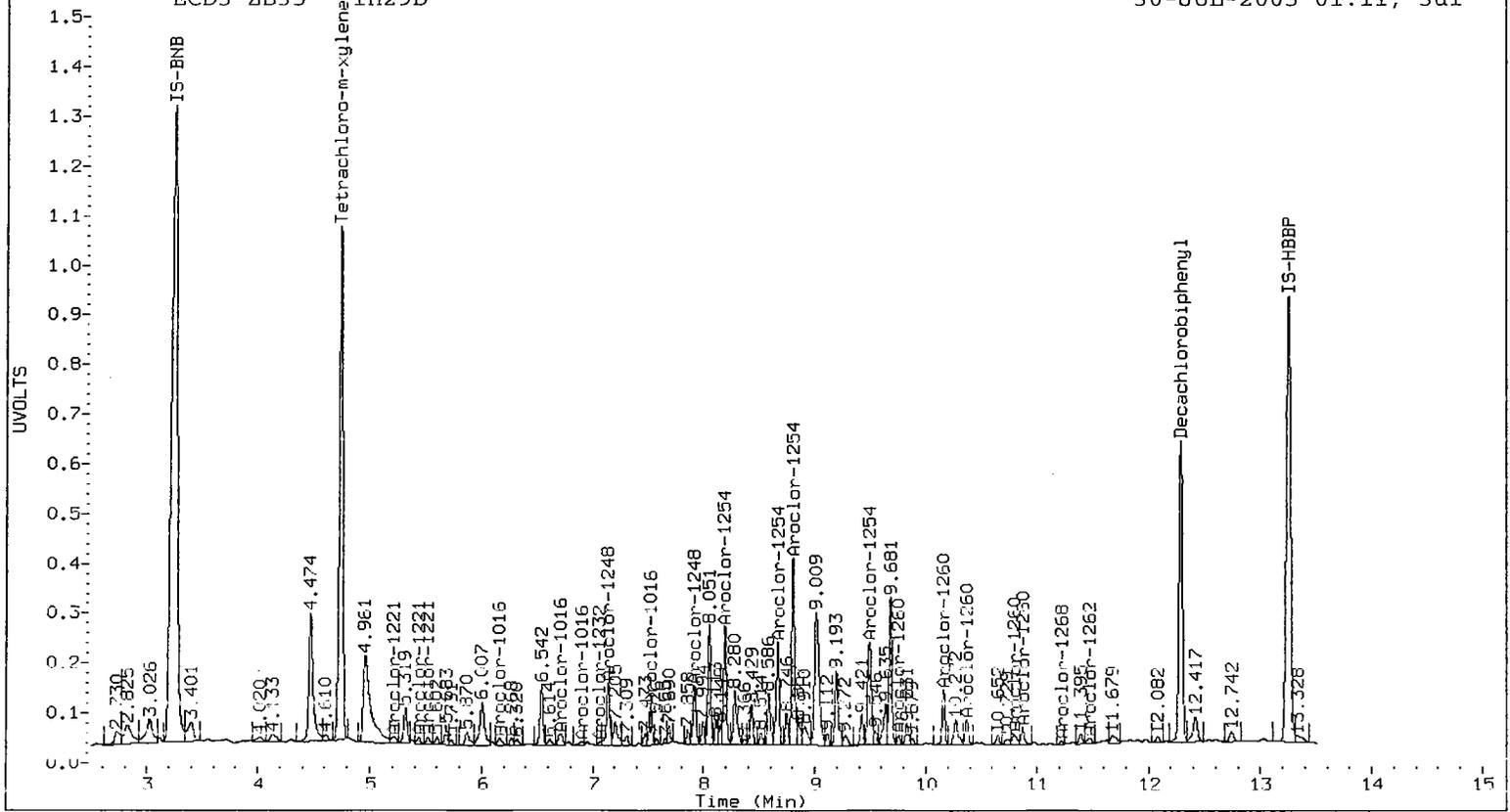
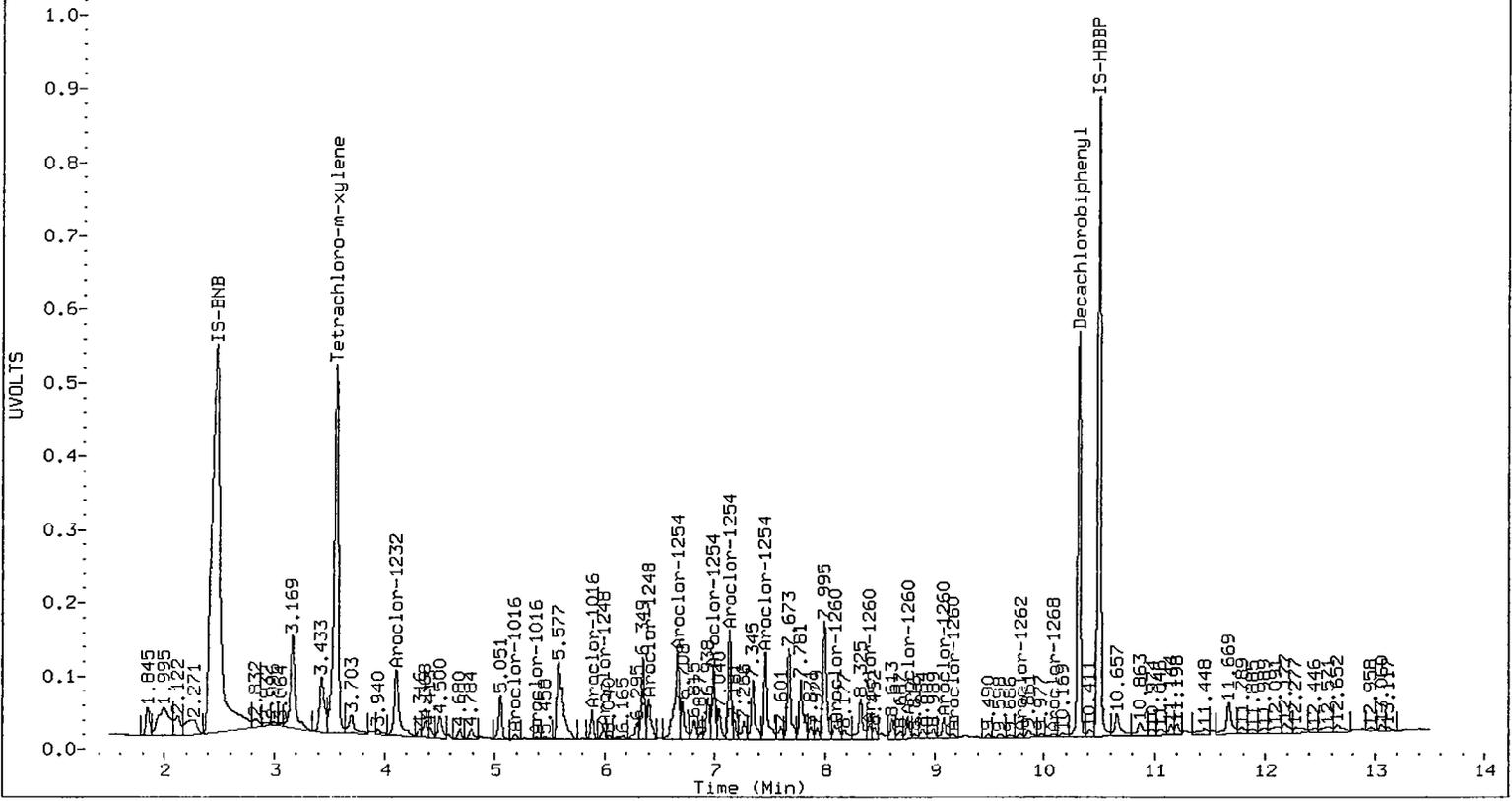
Total PCB Area Col2 (4.829 - 10.391) = 46512564

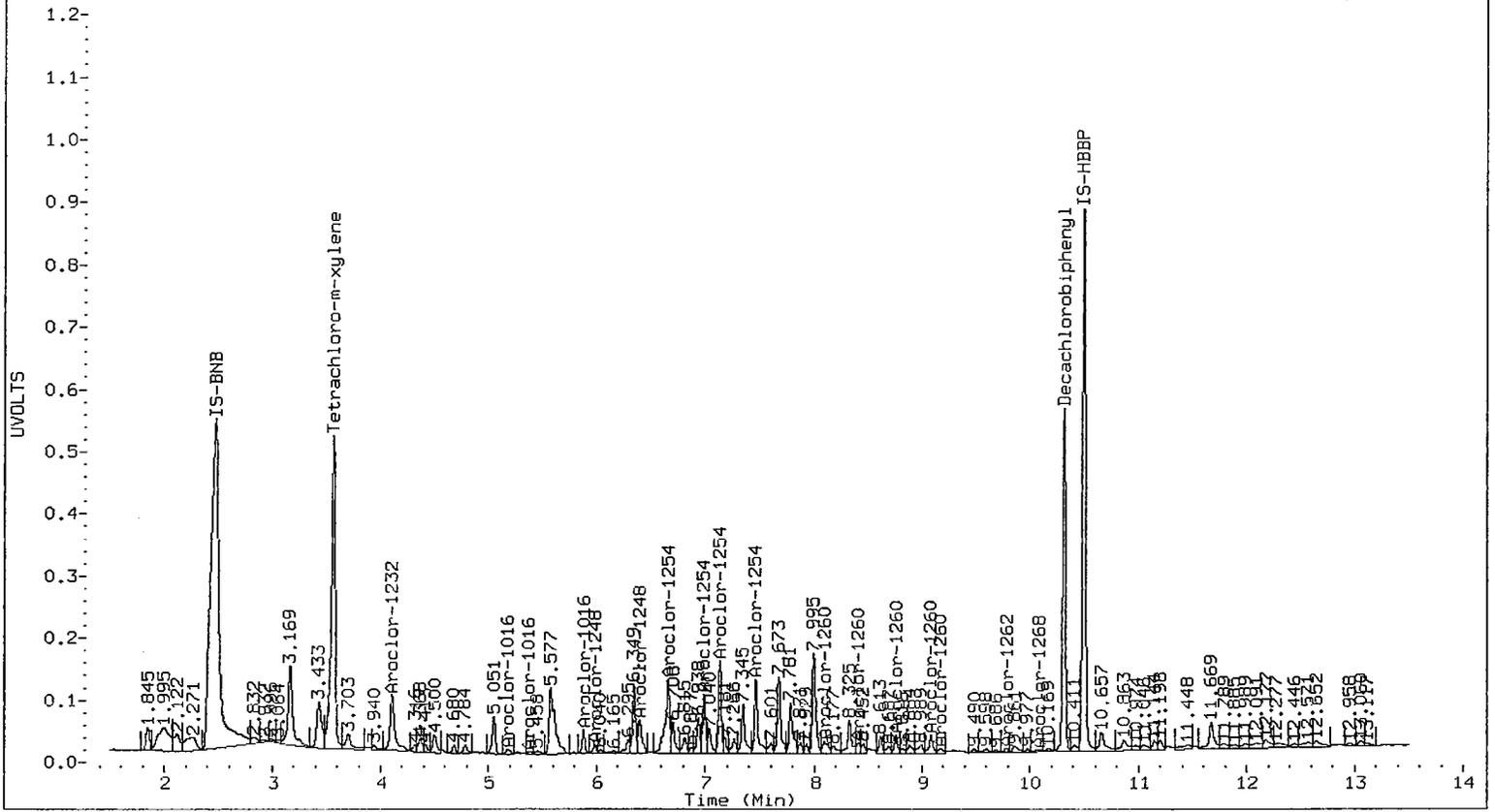
Col2 Total PCB = 0.4 ppm*

* Quantitated against AR1660 0.5ppm in Ical

PCB-Form 10 Mod.

000622





ORGANICS ANALYSIS DATA SHEET

PSDDA PCB by GC/ECD

Page 1 of 1

Sample ID: AN-RI-SEDC-03B
SAMPLE

Lab Sample ID: IH29E

LIMS ID: 05-11907

Matrix: Sediment

Data Release Authorized: 

Reported: 08/02/05

QC Report No: IH29-Anchor Environmental

Project: KC Former Scott Mill

00010501/T2

Date Sampled: 07/15/05

Date Received: 07/18/05

Date Extracted: 07/26/05

Date Analyzed: 07/30/05 01:28

Instrument/Analyst: ECD5/PK

GPC Cleanup: No

Sulfur Cleanup: Yes

Acid Cleanup: Yes

Florisil Cleanup: No

Sample Amount: 25.5 g-dry-wt

Final Extract Volume: 5.0 mL

Dilution Factor: 1.00

Silica Gel: No

pH: 8.3

Percent Moisture: 23.1%

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	20	< 20 U
53469-21-9	Aroclor 1242	20	< 20 U
12672-29-6	Aroclor 1248	20	< 20 U
11097-69-1	Aroclor 1254	20	< 20 U
11096-82-5	Aroclor 1260	20	< 20 U
11104-28-2	Aroclor 1221	20	< 20 U
11141-16-5	Aroclor 1232	20	< 20 U

Reported in $\mu\text{g}/\text{kg}$ (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	92.5%
Tetrachlorometaxylene	81.0%

Analytical Resources Inc.
Dual Column PCB Quantitation Report

Data file 1: 20050720.b/0729-1.b/0729B043.d
Data file 2: 20050720.b/0729-2.b/0729B043.d
Method: /chem2/ecd5.i/20050720.b/PCB1.m
Compound Sublist: PCB
Instrument, Inj. Vol.: ecd5.i, 3ul
Quant Method: Internal Std

ARI ID: IH29E
Client ID: AN-RI-SEDC-03B
Injection Date: 30-JUL-2005 01:28
Report Date: 08/02/2005 09:57
Matrix: SOIL
Dilution Factor: 1.000

CLP Col			ZB35 Col			CLP	ZB35	RPD	Compound/Flag
RT	Shift	Response	RT	Shift	Response	on col	on col		
3.564	0.022	70869145	4.743	0.014	11343246	0.0287	0.0324	12.1	Tetrachloro-m-xylene M
10.313	0.006	54271913	12.283	0.008	6144331	0.0370	0.0349	5.8	Decachlorobiphenyl

- * Indicates RPD > 40%
- M Indicates Column 1 peak was manually integrated
- N Indicates Column 2 peak was manually integrated

SURROGATE PERCENT RECOVERY

SURROGATE	Col1	Col2
Tetrachloro-m-xylene	71.7	80.9
Decachlorobiphenyl	92.5	87.2

INTERNAL STANDARD SUMMARY

Standard Cpnd	Column 1		%D
	Standard Area*	Sample Area	
Bromo-Nitrobenzene	125791287	174690806	38.9
Hexabromobiphenyl	62776174	92545445	47.4

Standard Cpnd	Column 2		%D
	Standard Area*	Sample Area	
Bromo-Nitrobenzene	23643829	25722488	8.8
Hexabromobiphenyl	10484374	11645099	11.1

- * Standard Areas taken from Initial Cal Level 4
- Initial Calibration Date: 20-JUL-2005
- <- Indicates standard response outside Limits (-50 to +100%)

CLP Col

ZB35 Col

Aroclor	Peak#	RT	Shift	Area	Amount	Peak#	RT	Shift	Area	Amount
---------	-------	----	-------	------	--------	-------	----	-------	------	--------

Aroclor-1016 1	---				0.000	1	---			0.000
Aroclor-1016 2	5.171	-0.013	1177814	0.007		2	---			0.000
Aroclor-1016 3	5.315	-0.040	1741800	0.024		3	---			0.000
Aroclor-1016 4	5.881	0.010	1663859	0.025		4	---			0.000
Total CollAve (3 peaks): 0.019						Col2Ave: <3 Quant Peaks				

Aroclor-1221 1	---				0.000	1	---			0.000
Aroclor-1221 2	---				0.000	2	---			0.000
Aroclor-1221 3	---				0.000	3	---			0.000
CollAve: <3 Quant Peaks						Col2Ave: <3 Quant Peaks				

Aroclor-1232 1	4.107	0.031	12020795	0.264		1	---			0.000
Aroclor-1232 2	---			0.000		2	---			0.000
Aroclor-1232 3	5.171	-0.016	1177814	0.017		3	---			0.000
Aroclor-1232 4	5.315	-0.043	1741800	0.058		4	---			0.000
Total CollAve (3 peaks): 0.113						Col2Ave: <3 Quant Peaks				

Aroclor-1242 1	4.107	0.028	12020795	0.346		1	---			0.000
Aroclor-1242 2	5.171	-0.018	1177814	0.010		2	---			0.000
Aroclor-1242 3	5.315	-0.044	1741800	0.030		3	---			0.000
Aroclor-1242 4	5.881	0.007	1663859	0.030		4	---			0.000
Aroclor-1242 NS	---			----		5	---			0.000
Total CollAve (4 peaks): 0.104						Col2Ave: <3 Quant Peaks				

Aroclor-1248 1	5.171	-0.014	1177814	0.012		1	---			0.000
Aroclor-1248 2	5.881	0.007	1663859	0.019		2	7.140	0.008	128893	0.017
Aroclor-1248 3	5.980	0.000	595031	0.012		3	7.522	0.009	45042	0.005
Aroclor-1248 4	6.402	0.006	865579	0.010		4	7.920	0.008	135466	0.011
Total CollAve (4 peaks): 0.013						Total Col2Ave (3 peaks): 0.011 RPD = 18				
Corrected Ave (4 peaks): 0.013						Corrected Ave (3 peaks): 0.011 RPD = 18				

Aroclor-1254 1	6.663	0.007	2608489	0.021		1	8.191	0.005	199755	0.019
Aroclor-1254 2	6.991	0.007	1273808	0.021		2	8.666	0.005	177554	0.022
Aroclor-1254 3	7.137	0.008	1755077	0.014		3	8.800	0.006	253065	0.016
Aroclor-1254 4	7.462	0.006	2366610	0.023		4	9.492	0.009	229234	0.025
Total CollAve (4 peaks): 0.020						Total Col2Ave (4 peaks): 0.020 RPD = 2				
Corrected Ave (4 peaks): 0.020						Corrected Ave (4 peaks): 0.020 RPD = 2				

Aroclor-1260 1	---			0.000		1	---			0.000
Aroclor-1260 2	---			0.000		2	10.157	0.009	125593	0.013
Aroclor-1260 3	---			0.000		3	10.368	0.006	104200	0.005
Aroclor-1260 4	---			0.000		4	10.800	-0.012	271365	0.055
Aroclor-1260 5	---			0.000		5	10.870	0.003	206208	0.017
CollAve: <3 Quant Peaks						Col2Ave: 0.023				

Aroclor-1262 1	---			0.000		1	10.157	0.010	125593	0.009
Aroclor-1262 2	---			0.000		2	10.368	0.006	104200	0.004
Aroclor-1262 3	---			0.000		3	10.870	0.001	206208	0.012
Aroclor-1262 4	---			0.000		4	---			0.000
CollAve: <3 Quant Peaks						Col2Ave: 0.008				

Aroclor-1268 1	---			0.000		1	---			0.000
Aroclor-1268 2	---			0.000		2	---			0.000
Aroclor-1268 3	---			0.000		3	---			0.000
Aroclor-1268 4	---			0.000		4	---			0.000
CollAve: <3 Quant Peaks						Col2Ave: <3 Quant Peaks				

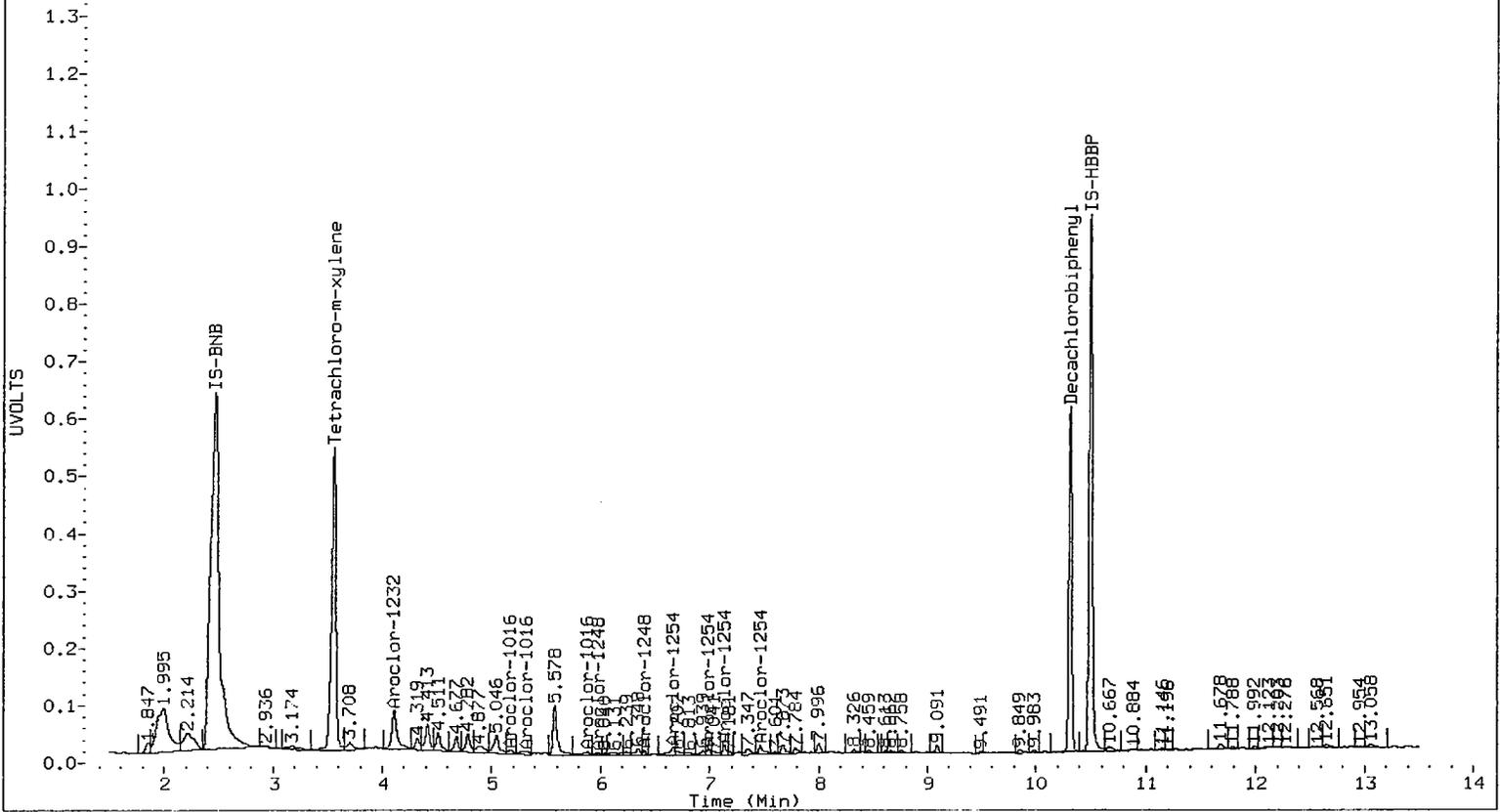
Total PCB Area Coll1 (3.642 - 10.391) = 149528775

Coll1 Total PCB = 0.2 ppm*

Total PCB Area Col2 (4.829 - 10.391) = 9076080

Col2 Total PCB = 0.1 ppm*

* Quantitated against AR1660 0.5ppm in ical



ORGANICS ANALYSIS DATA SHEET

PSDDA PCB by GC/ECD

Page 1 of 1

Sample ID: AN-RI-SEDC-03C

SAMPLE

Lab Sample ID: IH29F

LIMS ID: 05-11908

Matrix: Sediment

Data Release Authorized:

Reported: 08/02/05

QC Report No: IH29-Anchor Environmental

Project: KC Former Scott Mill

00010501/T2

Date Sampled: 07/15/05

Date Received: 07/18/05

Date Extracted: 07/26/05

Date Analyzed: 07/30/05 01:45

Instrument/Analyst: ECD5/PK

GPC Cleanup: No

Sulfur Cleanup: Yes

Acid Cleanup: Yes

Florisil Cleanup: No

Sample Amount: 25.6 g-dry-wt

Final Extract Volume: 5.0 mL

Dilution Factor: 1.00

Silica Gel: No

pH: 8.2

Percent Moisture: 20.5%

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	20	< 20 U
53469-21-9	Aroclor 1242	20	< 20 U
12672-29-6	Aroclor 1248	20	< 20 U
11097-69-1	Aroclor 1254	20	< 20 U
11096-82-5	Aroclor 1260	20	< 20 U
11104-28-2	Aroclor 1221	20	< 20 U
11141-16-5	Aroclor 1232	20	< 20 U

Reported in $\mu\text{g}/\text{kg}$ (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	98.5%
Tetrachlorometaxylene	89.2%

Analytical Resources Inc.
Dual Column PCB Quantitation Report

Data file 1: 20050720.b/0729-1.b/0729B044.d
Data file 2: 20050720.b/0729-2.b/0729B044.d
Method: /chem2/ecd5.i/20050720.b/PCB1.m
Compound Sublist: PCB
Instrument, Inj. Vol.: ecd5.i, 3ul
Quant Method: Internal Std

ARI ID: IH29F
Client ID: AN-RI-SEDC-03C
Injection Date: 30-JUL-2005 01:45
Report Date: 08/02/2005 09:57
Matrix: SOIL
Dilution Factor: 1.000

RT	CLP Col Shift Response	ZB35 Col Shift Response	CLP on col	ZB35 on col	RPD	Compound/Flag
3.562	0.020 77216122	4.743 0.014 12932618	0.0351	0.0357	1.8	Tetrachloro-m-xylene
10.315	0.008 66664508	12.283 0.008 6394281	0.0394	0.0369	6.7	Decachlorobiphenyl

- * Indicates RPD > 40%
- M Indicates Column 1 peak was manually integrated
- N Indicates Column 2 peak was manually integrated

SURROGATE PERCENT RECOVERY

SURROGATE	Col1	Col2
Tetrachloro-m-xylene	87.7	89.4
Decachlorobiphenyl	98.6	92.2

INTERNAL STANDARD SUMMARY

Standard Cpnd	Column 1		%D
	Standard Area*	Sample Area	
Bromo-Nitrobenzene	125791287	155480065	23.6
Hexabromobiphenyl	62776174	106661589	69.9

Standard Cpnd	Column 2		%D
	Standard Area*	Sample Area	
Bromo-Nitrobenzene	23643829	26557107	12.3
Hexabromobiphenyl	10484374	11468331	9.4

- * Standard Areas taken from Initial Cal Level 4
Initial Calibration Date: 20-JUL-2005
- <- Indicates standard response outside Limits (-50 to +100%)

CLP Col					ZB35 Col					
Aroclor	Peak#	RT	Shift	Area	Amount	Peak#	RT	Shift	Area	Amount
Aroclor-1016	1	---			0.000	1	---			0.000
Aroclor-1016	2	---			0.000	2	---			0.000
Aroclor-1016	3	---			0.000	3	---			0.000
Aroclor-1016	4	---			0.000	4	---			0.000
CollAve: <3 Quant Peaks						Col2Ave: <3 Quant Peaks				
Aroclor-1221	1	---			0.000	1	---			0.000
Aroclor-1221	2	---			0.000	2	---			0.000
Aroclor-1221	3	---			0.000	3	---			0.000
CollAve: <3 Quant Peaks						Col2Ave: <3 Quant Peaks				
Aroclor-1232	1	---			0.000	1	---			0.000
Aroclor-1232	2	---			0.000	2	---			0.000
Aroclor-1232	3	---			0.000	3	---			0.000
Aroclor-1232	4	---			0.000	4	---			0.000
CollAve: <3 Quant Peaks						Col2Ave: <3 Quant Peaks				
Aroclor-1242	1	---			0.000	1	---			0.000
Aroclor-1242	2	---			0.000	2	---			0.000
Aroclor-1242	3	---			0.000	3	---			0.000
Aroclor-1242	4	---			0.000	4	---			0.000
Aroclor-1242	NS	---			----	5	---			0.000
CollAve: <3 Quant Peaks						Col2Ave: <3 Quant Peaks				
Aroclor-1248	1	---			0.000	1	---			0.000
Aroclor-1248	2	---			0.000	2	---			0.000
Aroclor-1248	3	---			0.000	3	---			0.000
Aroclor-1248	4	---			0.000	4	---			0.000
CollAve: <3 Quant Peaks						Col2Ave: <3 Quant Peaks				
Aroclor-1254	1	---			0.000	1	---			0.000
Aroclor-1254	2	---			0.000	2	---			0.000
Aroclor-1254	3	---			0.000	3	---			0.000
Aroclor-1254	4	---			0.000	4	---			0.000
CollAve: <3 Quant Peaks						Col2Ave: <3 Quant Peaks				
Aroclor-1260	1	---			0.000	1	---			0.000
Aroclor-1260	2	---			0.000	2	---			0.000
Aroclor-1260	3	---			0.000	3	---			0.000
Aroclor-1260	4	---			0.000	4	---			0.000
Aroclor-1260	5	---			0.000	5	---			0.000
CollAve: <3 Quant Peaks						Col2Ave: <3 Quant Peaks				
Aroclor-1262	1	---			0.000	1	---			0.000
Aroclor-1262	2	---			0.000	2	---			0.000
Aroclor-1262	3	---			0.000	3	---			0.000
Aroclor-1262	4	---			0.000	4	---			0.000
CollAve: <3 Quant Peaks						Col2Ave: <3 Quant Peaks				
Aroclor-1268	1	---			0.000	1	---			0.000
Aroclor-1268	2	---			0.000	2	---			0.000
Aroclor-1268	3	---			0.000	3	---			0.000
Aroclor-1268	4	---			0.000	4	---			0.000
CollAve: <3 Quant Peaks						Col2Ave: <3 Quant Peaks				

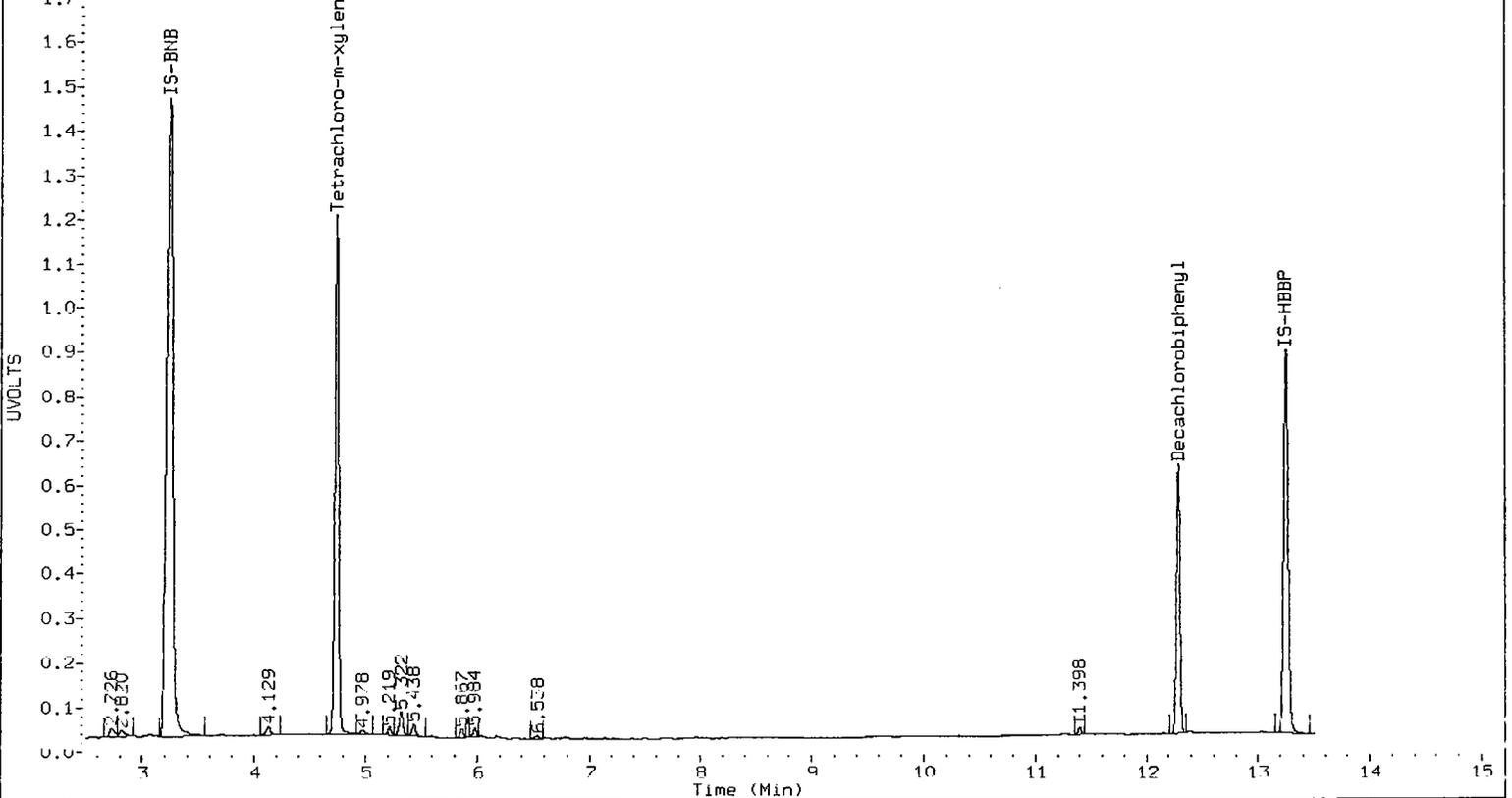
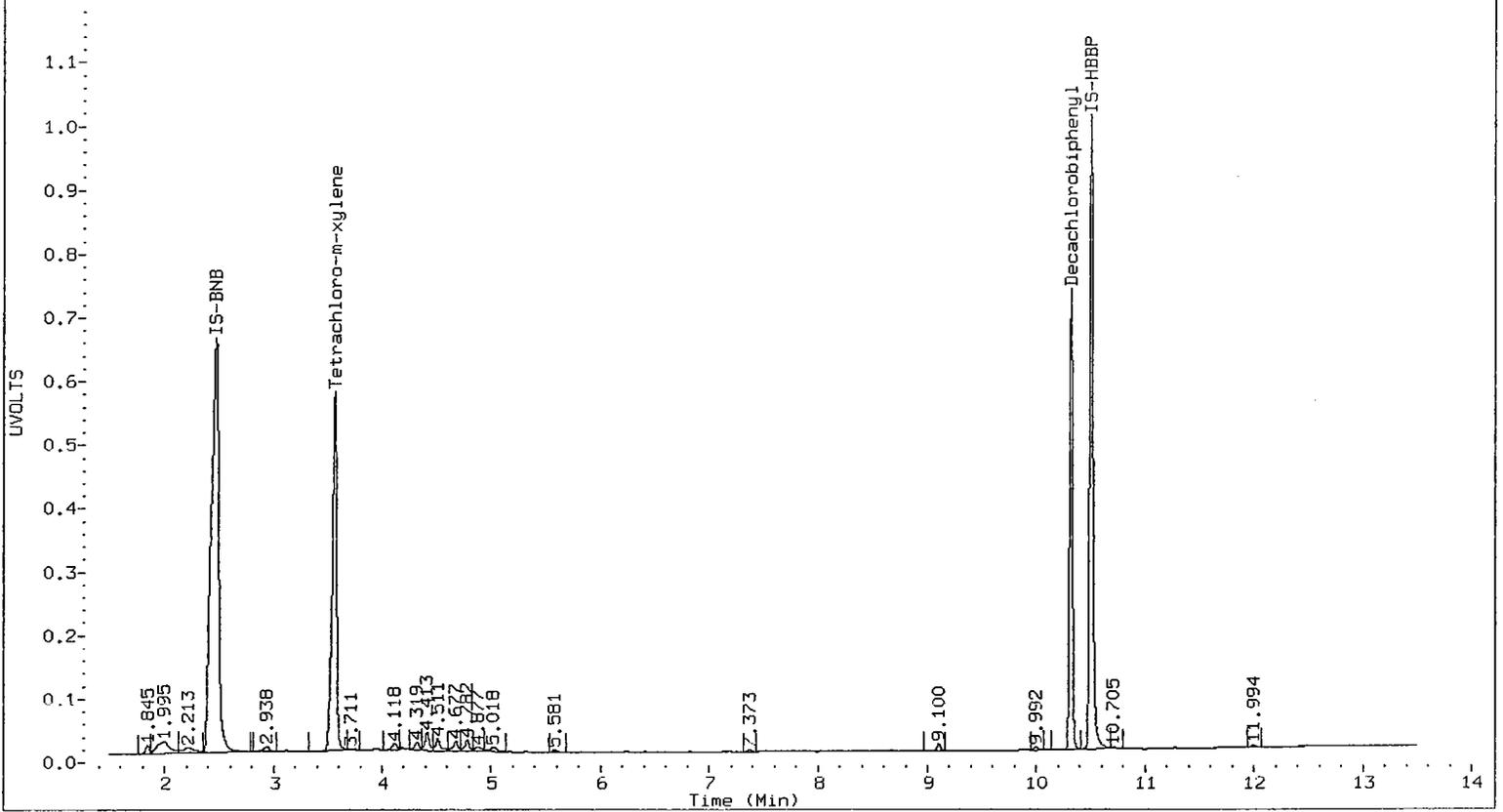
Total PCB Area Col1 (3.642 - 10.391) = 89028156

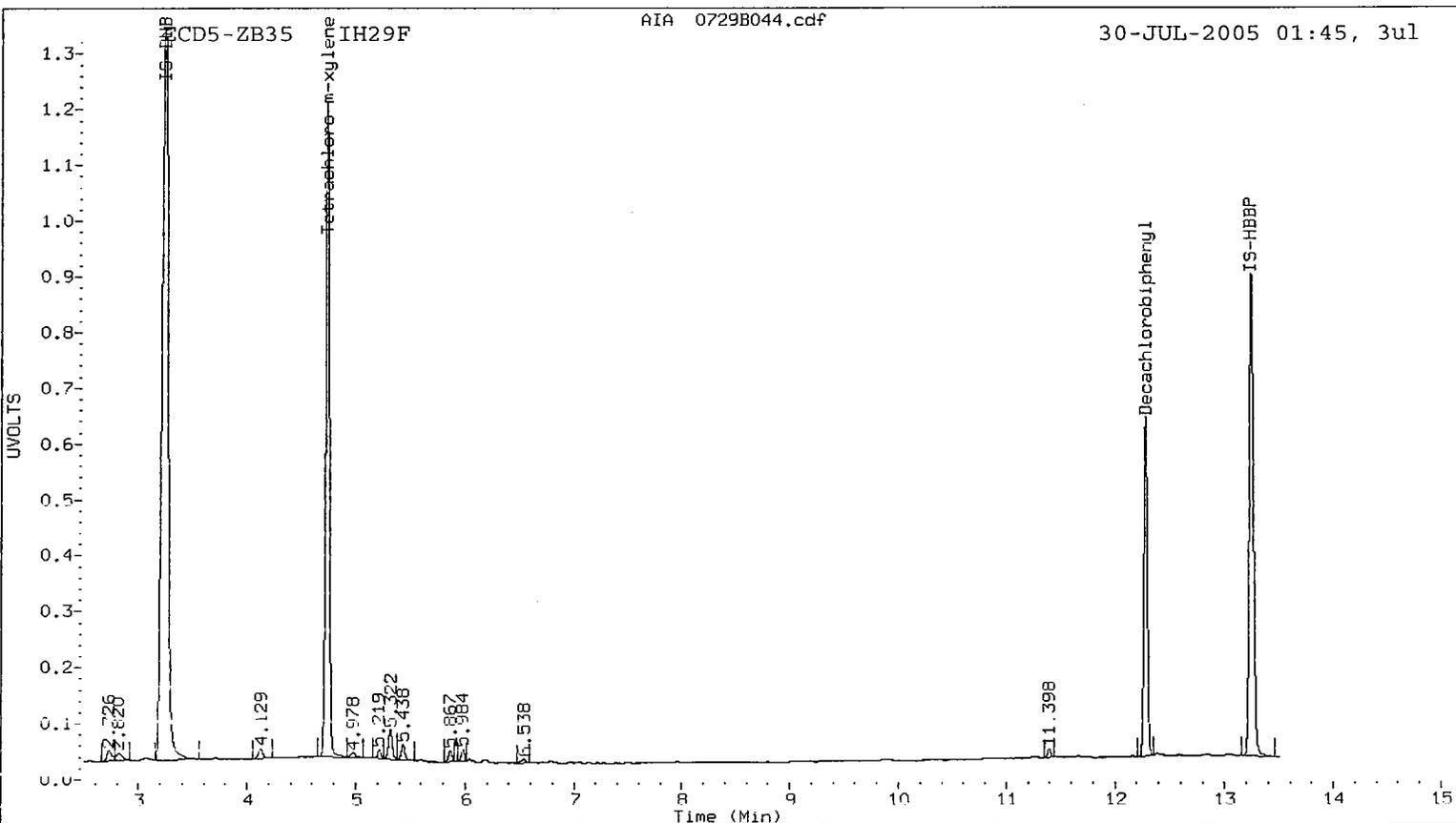
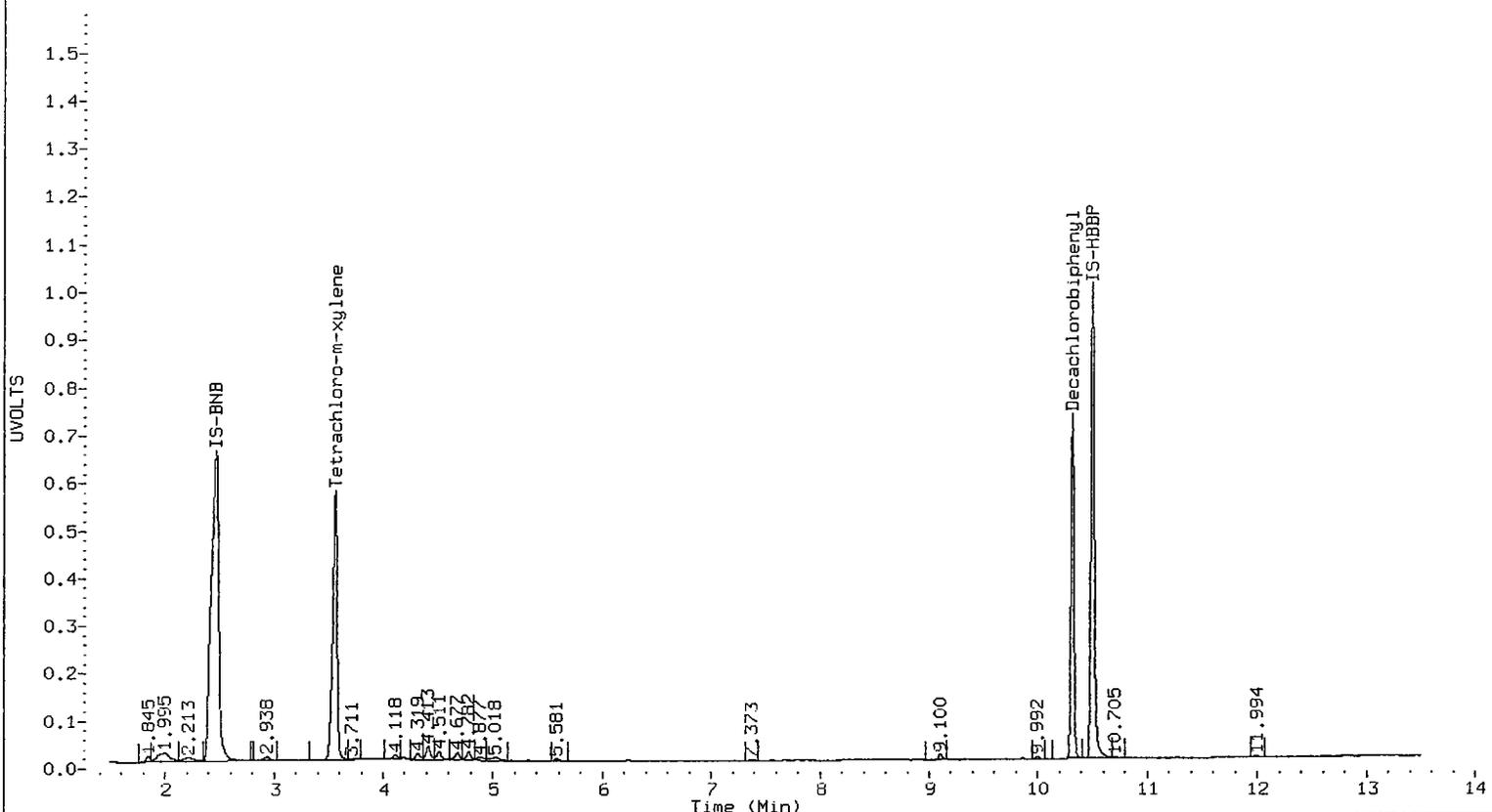
Col1 Total PCB = 0.1 ppm*

Total PCB Area Col2 (4.829 - 10.391) = 1774712

Col2 Total PCB = 0.0 ppm*

* Quantitated against AK1660 0.5ppm in icai





ORGANICS ANALYSIS DATA SHEET

PSDDA PCB by GC/ECD

Page 1 of 1



Sample ID: AN-RI-SEDC-04A

SAMPLE

Lab Sample ID: IH29G

LIMS ID: 05-11909

Matrix: Sediment

Data Release Authorized: *[Signature]*

Reported: 08/02/05

QC Report No: IH29-Anchor Environmental

Project: KC Former Scott Mill

00010501/T2

Date Sampled: 07/15/05

Date Received: 07/18/05

Date Extracted: 07/26/05

Date Analyzed: 07/30/05 02:02

Instrument/Analyst: ECD5/PK

GPC Cleanup: No

Sulfur Cleanup: Yes

Acid Cleanup: Yes

Florisil Cleanup: No

Sample Amount: 25.8 g-dry-wt

Final Extract Volume: 5.0 mL

Dilution Factor: 1.00

Silica Gel: No

pH: 7.9

Percent Moisture: 36.9%

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	19	< 19 U
53469-21-9	Aroclor 1242	19	< 19 U
12672-29-6	Aroclor 1248	19	< 19 U
11097-69-1	Aroclor 1254	19	< 19 U
11096-82-5	Aroclor 1260	19	< 19 U
11104-28-2	Aroclor 1221	19	< 19 U
11141-16-5	Aroclor 1232	19	< 19 U

Reported in $\mu\text{g}/\text{kg}$ (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	88.5%
Tetrachlorometaxylene	88.5%

Analytical Resources Inc.
Dual Column PCB Quantitation Report

Data file 1: 20050720.b/0729-1.b/0729B045.d
Data file 2: 20050720.b/0729-2.b/0729B045.d
Method: /chem2/ecd5.i/20050720.b/PCB1.m
Compound Sublist: PCB
Instrument, Inj. Vol.: ecd5.i, 3ul
Quant Method: Internal Std

ARI ID: IH29G
Client ID: AN-RI-SEDC-04A
Injection Date: 30-JUL-2005 02:02
Report Date: 08/02/2005 09:57
Matrix: SOIL
Dilution Factor: 1.000

RT	CLP Col Shift Response	ZB35 Col Shift Response	RT	ZB35 Col Shift Response	CLP on col	ZB35 on col	RPD	Compound/Flag
3.562	0.020 68995218	4.742 0.013 11826343	10.312	0.005 49477375	0.0348	0.0354	1.8	Tetrachloro-m-xylene
					0.0354	0.0340	4.0	Decachlorobiphenyl

- * Indicates RPD > 40%
- M Indicates Column 1 peak was manually integrated
- N Indicates Column 2 peak was manually integrated

SURROGATE PERCENT RECOVERY

SURROGATE	Col1	Col2
Tetrachloro-m-xylene	86.9	88.5
Decachlorobiphenyl	88.5	85.1

INTERNAL STANDARD SUMMARY

Standard Cpnd	Column 1		%D
	Standard Area*	Sample Area	
Bromo-Nitrobenzene	125791287	140237248	11.5
Hexabromobiphenyl	62776174	88164648	40.4

Standard Cpnd	Column 2		%D
	Standard Area*	Sample Area	
Bromo-Nitrobenzene	23643829	24532106	3.8
Hexabromobiphenyl	10484374	11422856	9.0

- * Standard Areas taken from Initial Cal Level 4
Initial Calibration Date: 20-JUL-2005
- <- Indicates standard response outside Limits (-50 to +100%)

CLP Col					ZB35 Col					
Aroclor	Peak#	RT	Shift	Area	Amount	Peak#	RT	Shift	Area	Amount
Aroclor-1016	1	---			0.000	1	---			0.000
Aroclor-1016	2	---			0.000	2	---			0.000
Aroclor-1016	3	---			0.000	3	---			0.000
Aroclor-1016	4	---			0.000	4	---			0.000
CollAve: <3 Quant Peaks						Col2Ave: <3 Quant Peaks				
Aroclor-1221	1	---			0.000	1	---			0.000
Aroclor-1221	2	---			0.000	2	---			0.000
Aroclor-1221	3	---			0.000	3	---			0.000
CollAve: <3 Quant Peaks						Col2Ave: <3 Quant Peaks				
Aroclor-1232	1	---			0.000	1	---			0.000
Aroclor-1232	2	---			0.000	2	---			0.000
Aroclor-1232	3	---			0.000	3	---			0.000
Aroclor-1232	4	---			0.000	4	---			0.000
CollAve: <3 Quant Peaks						Col2Ave: <3 Quant Peaks				
Aroclor-1242	1	---			0.000	1	---			0.000
Aroclor-1242	2	---			0.000	2	---			0.000
Aroclor-1242	3	---			0.000	3	---			0.000
Aroclor-1242	4	---			0.000	4	---			0.000
Aroclor-1242	NS	---			----	5	---			0.000
CollAve: <3 Quant Peaks						Col2Ave: <3 Quant Peaks				
Aroclor-1248	1	---			0.000	1	---			0.000
Aroclor-1248	2	---			0.000	2	---			0.000
Aroclor-1248	3	---			0.000	3	---			0.000
Aroclor-1248	4	---			0.000	4	---			0.000
CollAve: <3 Quant Peaks						Col2Ave: <3 Quant Peaks				
Aroclor-1254	1	---			0.000	1	---			0.000
Aroclor-1254	2	---			0.000	2	---			0.000
Aroclor-1254	3	---			0.000	3	---			0.000
Aroclor-1254	4	---			0.000	4	---			0.000
CollAve: <3 Quant Peaks						Col2Ave: <3 Quant Peaks				
Aroclor-1260	1	---			0.000	1	---			0.000
Aroclor-1260	2	---			0.000	2	---			0.000
Aroclor-1260	3	---			0.000	3	---			0.000
Aroclor-1260	4	---			0.000	4	---			0.000
Aroclor-1260	5	---			0.000	5	---			0.000
CollAve: <3 Quant Peaks						Col2Ave: <3 Quant Peaks				
Aroclor-1262	1	---			0.000	1	---			0.000
Aroclor-1262	2	---			0.000	2	---			0.000
Aroclor-1262	3	---			0.000	3	---			0.000
Aroclor-1262	4	---			0.000	4	---			0.000
CollAve: <3 Quant Peaks						Col2Ave: <3 Quant Peaks				
Aroclor-1268	1	---			0.000	1	---			0.000
Aroclor-1268	2	---			0.000	2	---			0.000
Aroclor-1268	3	---			0.000	3	---			0.000
Aroclor-1268	4	---			0.000	4	---			0.000
CollAve: <3 Quant Peaks						Col2Ave: <3 Quant Peaks				

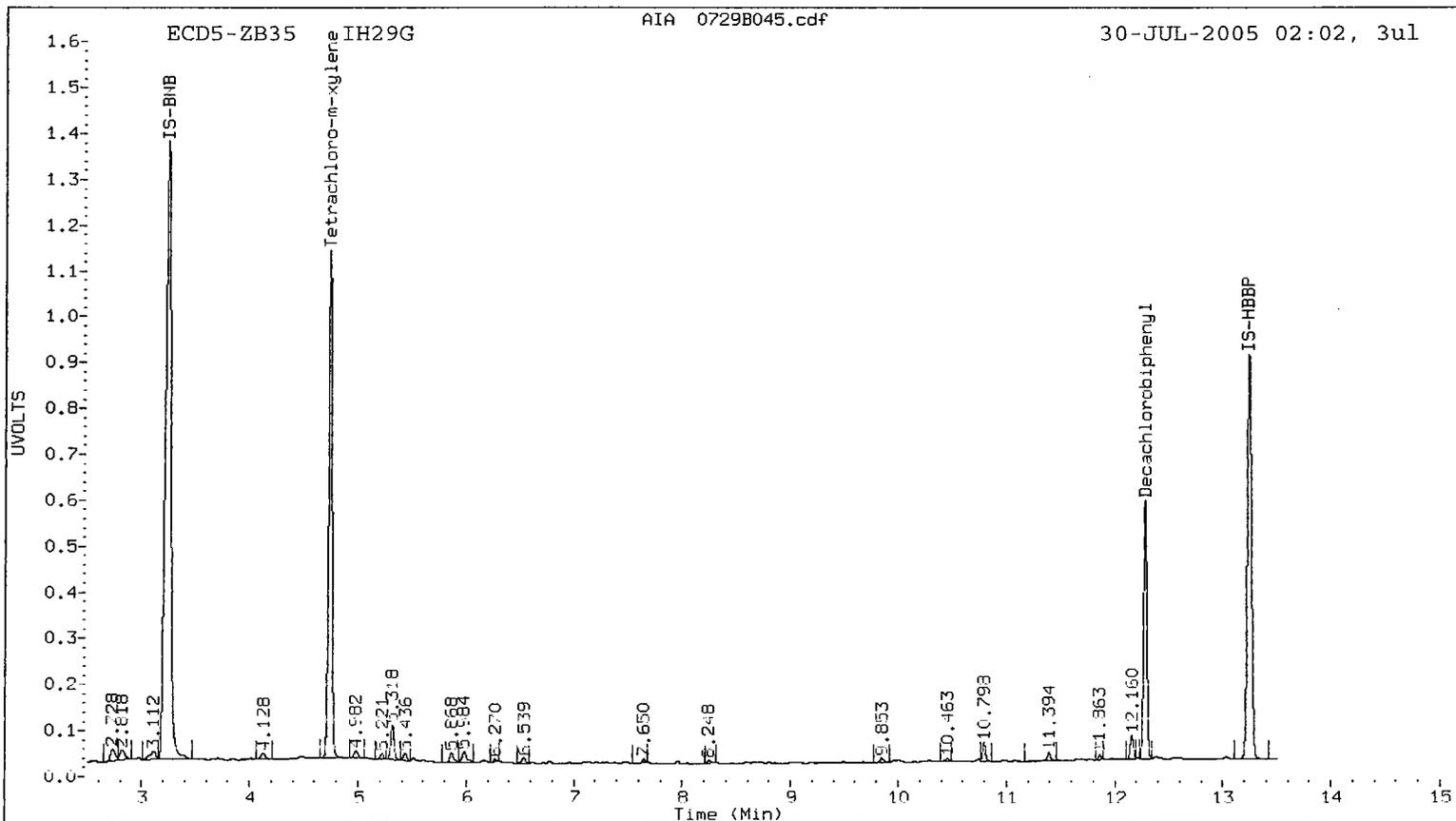
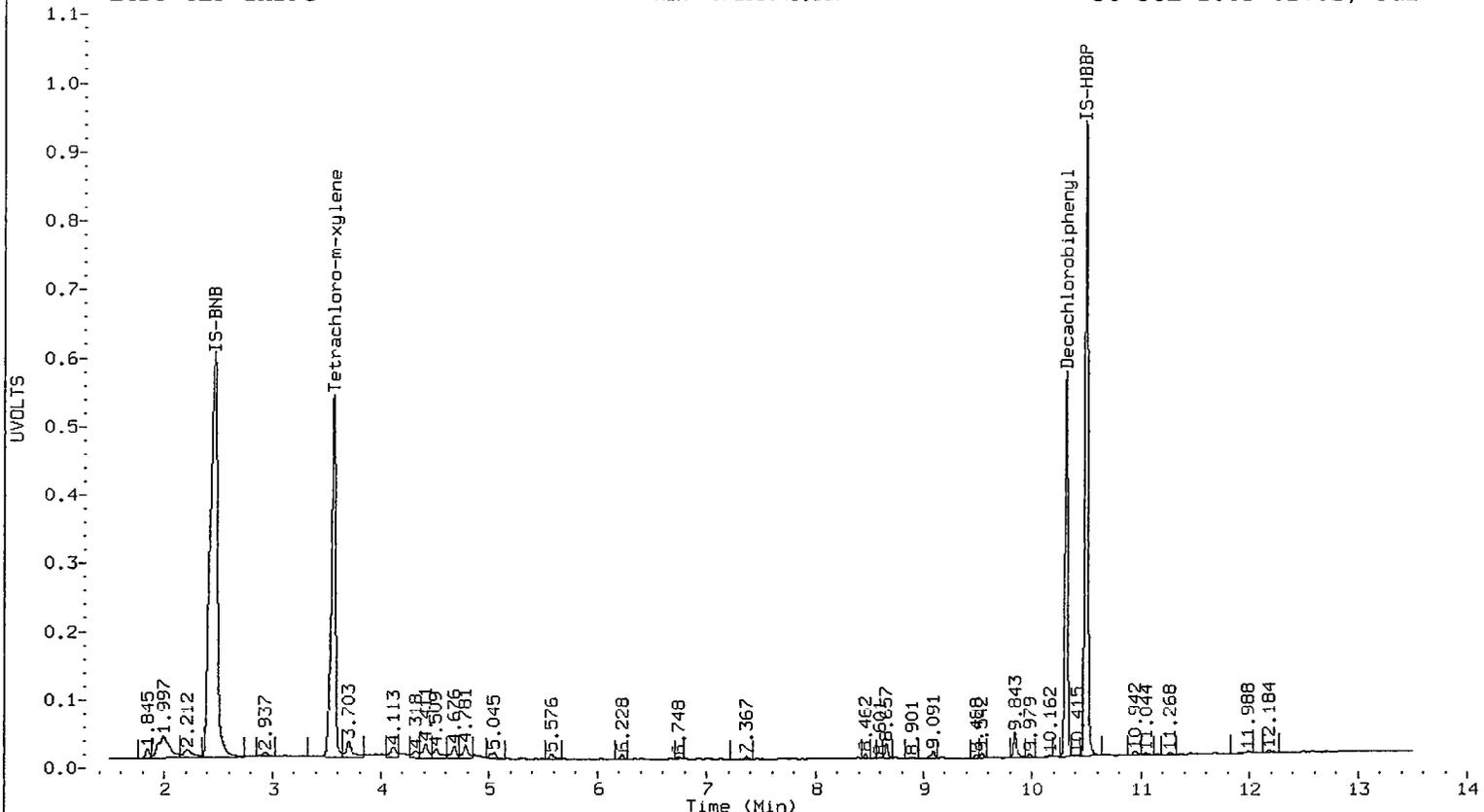
Total PCB Area Col1 (3.642 - 10.391) = 87528750

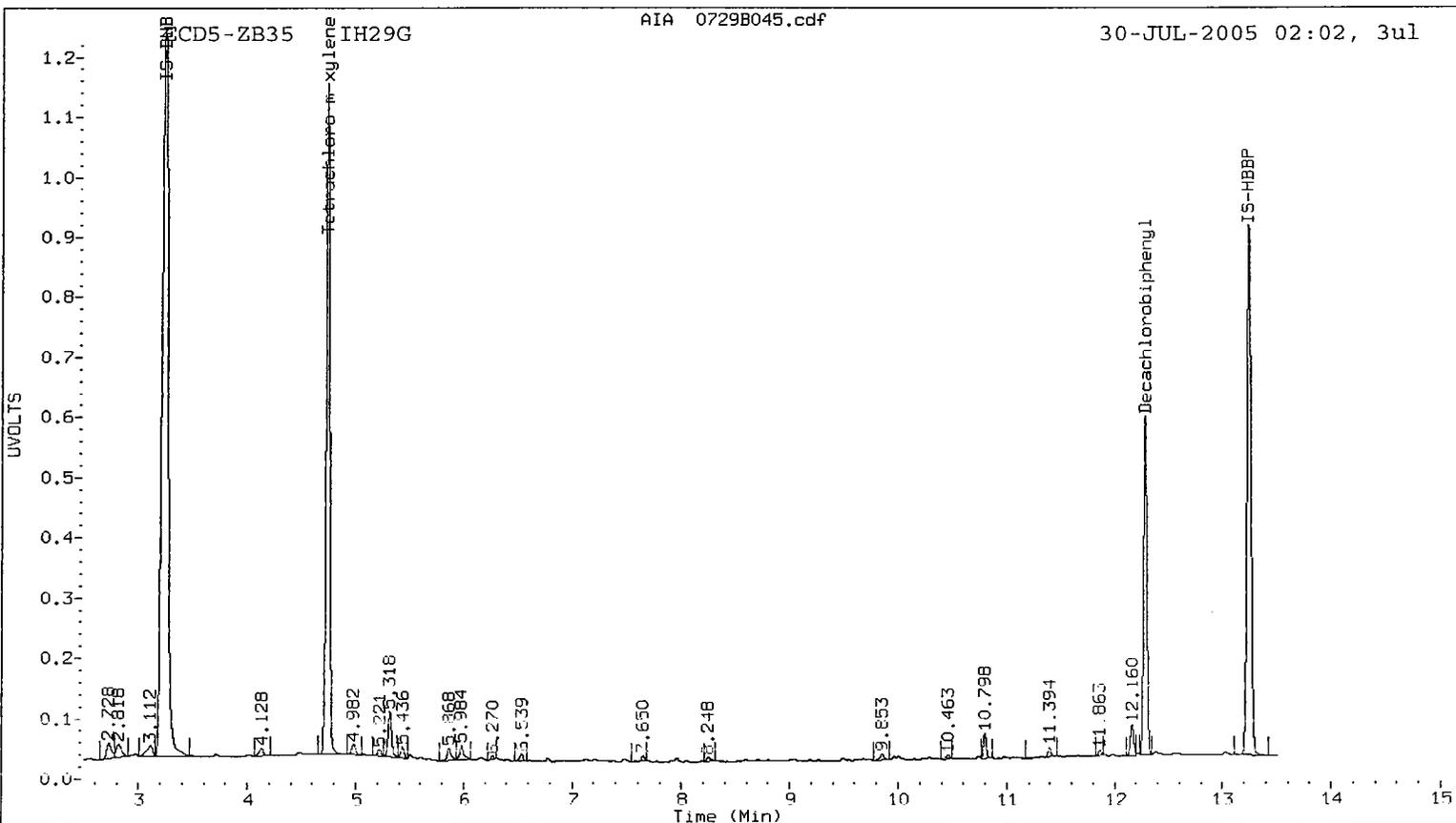
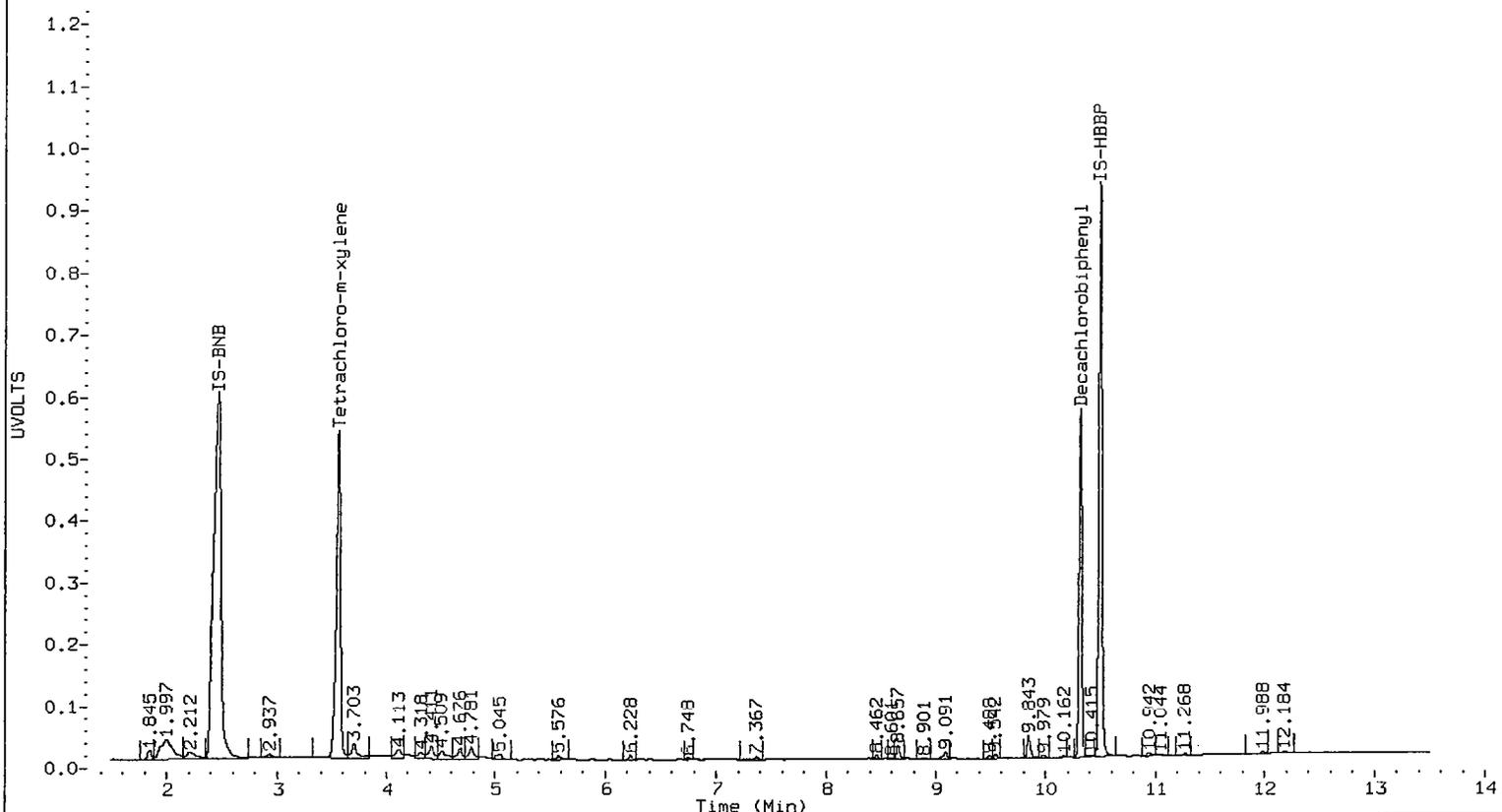
Col1 Total PCB = 0.1 ppm*

Total PCB Area Col2 (4.829 - 10.391) = 2505028

Col2 Total PCB = 0.0 ppm*

* Quantitated against ARI660 0.5ppm in 1cal





ORGANICS ANALYSIS DATA SHEET

PSDDA PCB by GC/ECD

Page 1 of 1



Sample ID: AN-RI-SEDC-04B

SAMPLE

Lab Sample ID: IH29H

LIMS ID: 05-11910

Matrix: Sediment

Data Release Authorized:

Reported: 08/02/05

QC Report No: IH29-Anchor Environmental

Project: KC Former Scott Mill

00010501/T2

Date Sampled: 07/15/05

Date Received: 07/18/05

Date Extracted: 07/26/05

Date Analyzed: 07/30/05 02:19

Instrument/Analyst: ECD5/PK

GPC Cleanup: No

Sulfur Cleanup: Yes

Acid Cleanup: Yes

Florisil Cleanup: No

Sample Amount: 25.6 g-dry-wt

Final Extract Volume: 5.0 mL

Dilution Factor: 1.00

Silica Gel: No

pH: 7.6

Percent Moisture: 35.1%

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	20	< 20 U
53469-21-9	Aroclor 1242	20	< 20 U
12672-29-6	Aroclor 1248	20	< 20 U
11097-69-1	Aroclor 1254	20	< 20 U
11096-82-5	Aroclor 1260	20	< 20 U
11104-28-2	Aroclor 1221	20	< 20 U
11141-16-5	Aroclor 1232	20	< 20 U

Reported in $\mu\text{g}/\text{kg}$ (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	104%
Tetrachlorometaxylene	99.5%

Analytical Resources Inc.
Dual Column PCB Quantitation Report

Data file 1: 20050720.b/0729-1.b/0729B046.d
Data file 2: 20050720.b/0729-2.b/0729B046.d
Method: /chem2/ecd5.i/20050720.b/PCB1.m
Compound Sublist: PCB
Instrument, Inj. Vol.: ecd5.i, 3ul
Quant Method: Internal Std

ARI ID: IH29H
Client ID: AN-RI-SEDC-04B
Injection Date: 30-JUL-2005 02:19
Report Date: 08/02/2005 09:57
Matrix: SOIL
Dilution Factor: 1.000

CLP Col			ZB35 Col			CLP	ZB35	RPD	Compound/Flag
RT	Shift	Response	RT	Shift	Response	on col	on col		
3.565	0.023	72715354	4.744	0.015	12543014	0.0391	0.0398	1.9	Tetrachloro-m-xylene
10.314	0.007	57575587	12.284	0.009	6329049	0.0415	0.0403	2.9	Decachlorobiphenyl

- * Indicates RPD > 40%
- M Indicates Column 1 peak was manually integrated
- N Indicates Column 2 peak was manually integrated

SURROGATE PERCENT RECOVERY

SURROGATE	Col1	Col2
Tetrachloro-m-xylene	97.6	99.5
Decachlorobiphenyl	103.7	100.7

INTERNAL STANDARD SUMMARY

Standard Cpnd	Column 1		%D
	Standard Area*	Sample Area	
Bromo-Nitrobenzene	125791287	131593134	4.6
Hexabromobiphenyl	62776174	87575969	39.5

Standard Cpnd	Column 2		%D
	Standard Area*	Sample Area	
Bromo-Nitrobenzene	23643829	23126508	-2.2
Hexabromobiphenyl	10484374	10390717	-0.9

- * Standard Areas taken from Initial Cal Level 4
- Initial Calibration Date: 20-JUL-2005
- <- Indicates standard response outside Limits (-50 to +100%)

CLP Col				ZB35 Col						
Aroclor	Peak#	RT	Shift	Area	Amount	Peak#	RT	Shift	Area	Amount
Aroclor-1016	1	---			0.000	1	---			0.000
Aroclor-1016	2	---			0.000	2	---			0.000
Aroclor-1016	3	---			0.000	3	---			0.000
Aroclor-1016	4	---			0.000	4	---			0.000
CollAve: <3 Quant Peaks					Coll2Ave: <3 Quant Peaks					
Aroclor-1221	1	---			0.000	1	---			0.000
Aroclor-1221	2	---			0.000	2	---			0.000
Aroclor-1221	3	---			0.000	3	---			0.000
CollAve: <3 Quant Peaks					Coll2Ave: <3 Quant Peaks					
Aroclor-1232	1	---			0.000	1	---			0.000
Aroclor-1232	2	---			0.000	2	---			0.000
Aroclor-1232	3	---			0.000	3	---			0.000
Aroclor-1232	4	---			0.000	4	---			0.000
CollAve: <3 Quant Peaks					Coll2Ave: <3 Quant Peaks					
Aroclor-1242	1	---			0.000	1	---			0.000
Aroclor-1242	2	---			0.000	2	---			0.000
Aroclor-1242	3	---			0.000	3	---			0.000
Aroclor-1242	4	---			0.000	4	---			0.000
Aroclor-1242	NS	---			----	5	---			0.000
CollAve: <3 Quant Peaks					Coll2Ave: <3 Quant Peaks					
Aroclor-1248	1	---			0.000	1	---			0.000
Aroclor-1248	2	---			0.000	2	---			0.000
Aroclor-1248	3	---			0.000	3	---			0.000
Aroclor-1248	4	---			0.000	4	---			0.000
CollAve: <3 Quant Peaks					Coll2Ave: <3 Quant Peaks					
Aroclor-1254	1	---			0.000	1	---			0.000
Aroclor-1254	2	---			0.000	2	---			0.000
Aroclor-1254	3	---			0.000	3	---			0.000
Aroclor-1254	4	---			0.000	4	---			0.000
CollAve: <3 Quant Peaks					Coll2Ave: <3 Quant Peaks					
Aroclor-1260	1	---			0.000	1	---			0.000
Aroclor-1260	2	---			0.000	2	---			0.000
Aroclor-1260	3	---			0.000	3	---			0.000
Aroclor-1260	4	---			0.000	4	---			0.000
Aroclor-1260	5	---			0.000	5	---			0.000
CollAve: <3 Quant Peaks					Coll2Ave: <3 Quant Peaks					
Aroclor-1262	1	---			0.000	1	---			0.000
Aroclor-1262	2	---			0.000	2	---			0.000
Aroclor-1262	3	---			0.000	3	---			0.000
Aroclor-1262	4	---			0.000	4	---			0.000
CollAve: <3 Quant Peaks					Coll2Ave: <3 Quant Peaks					
Aroclor-1268	1	---			0.000	1	---			0.000
Aroclor-1268	2	---			0.000	2	---			0.000
Aroclor-1268	3	---			0.000	3	---			0.000
Aroclor-1268	4	---			0.000	4	---			0.000
CollAve: <3 Quant Peaks					Coll2Ave: <3 Quant Peaks					

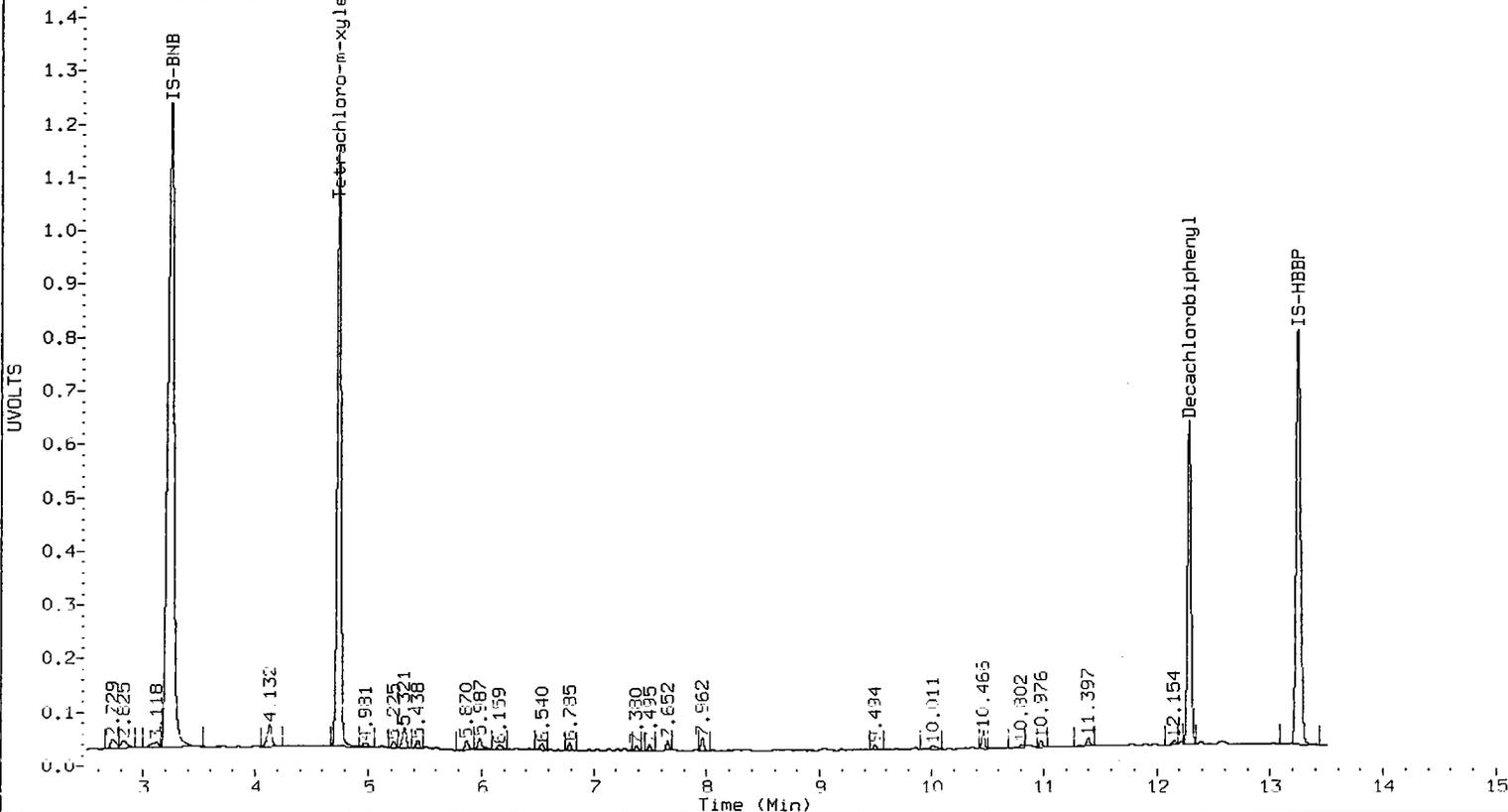
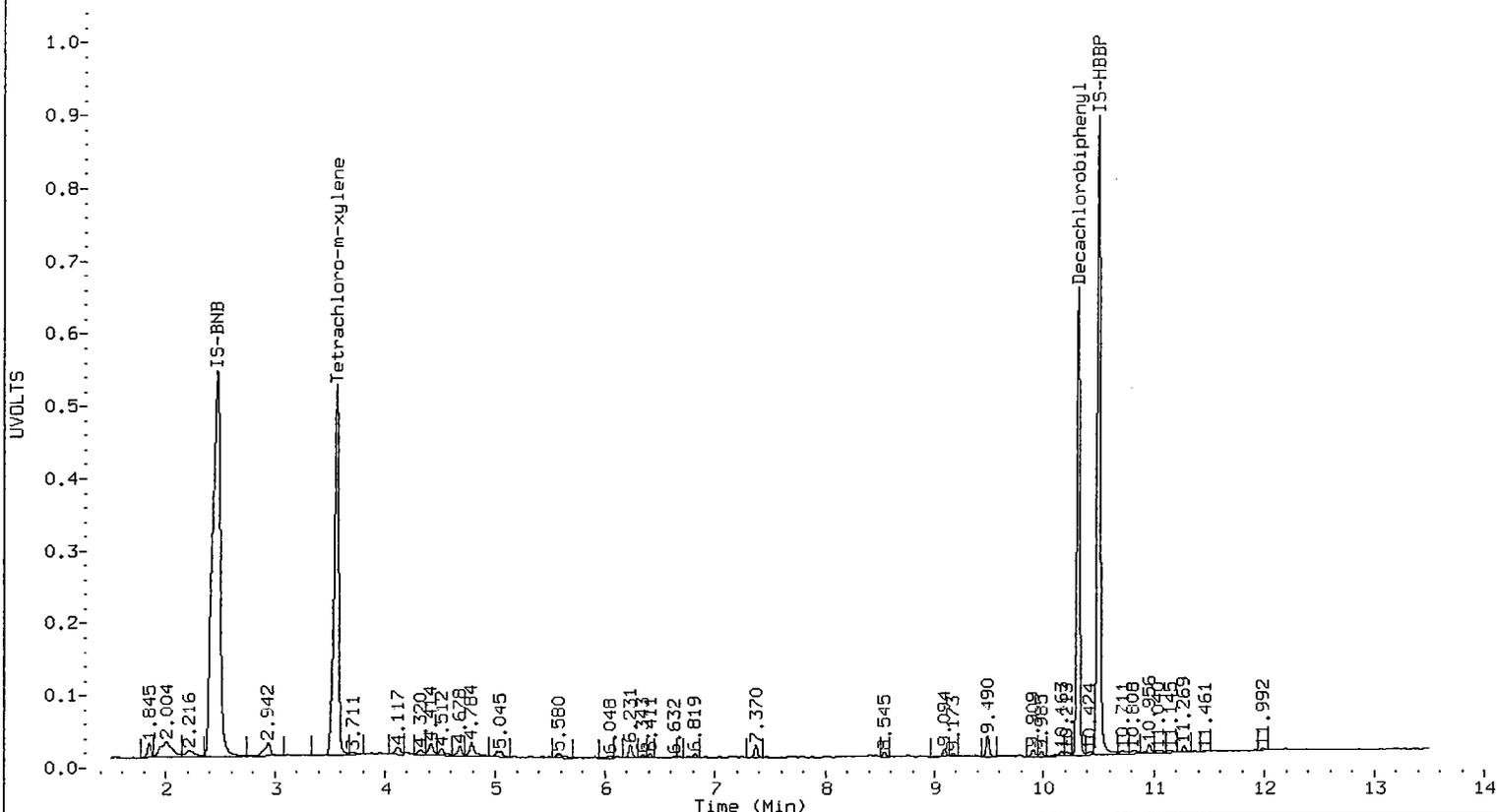
Total PCB Area Col1 (3.642 - 10.391) = 89236542

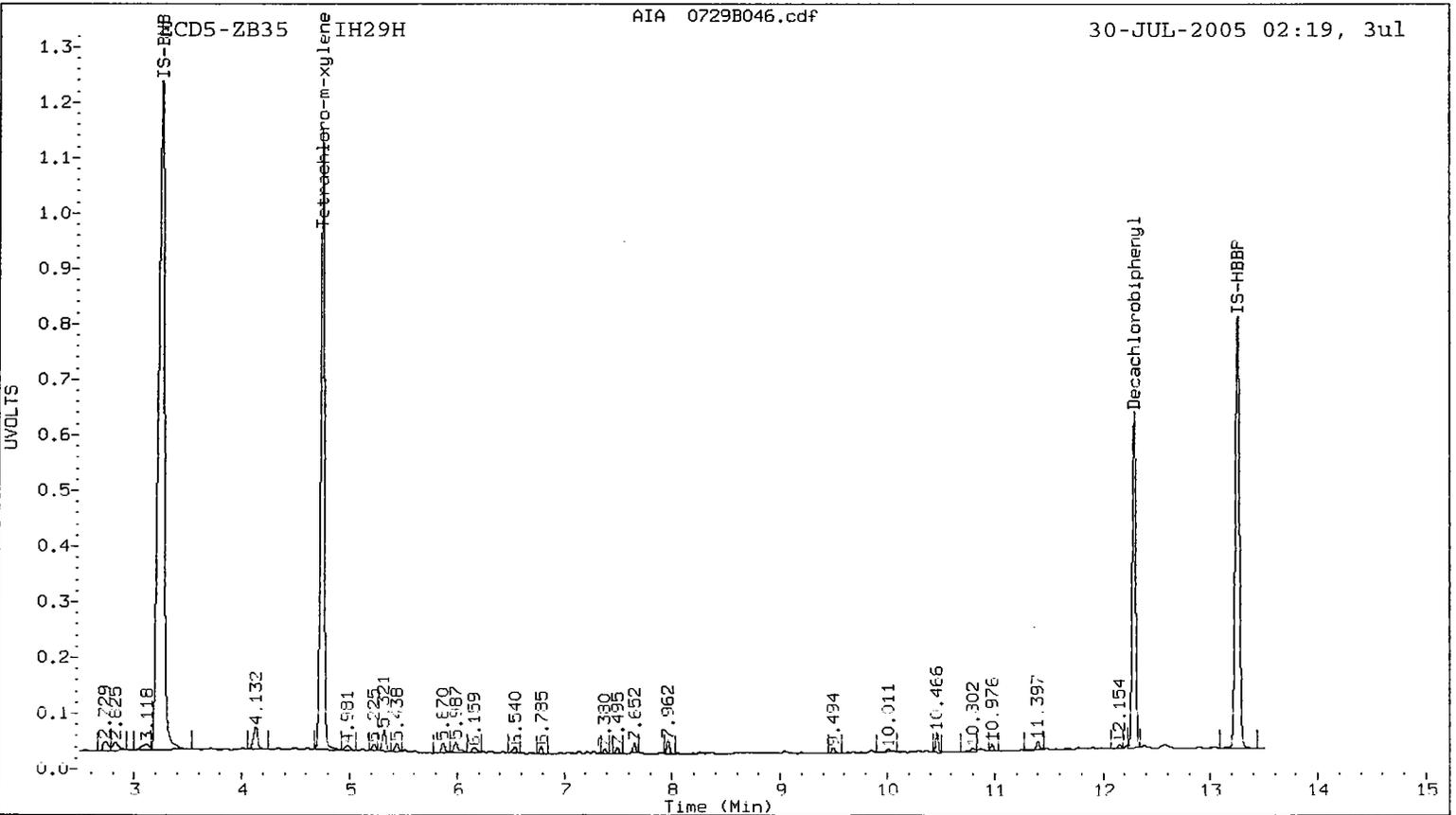
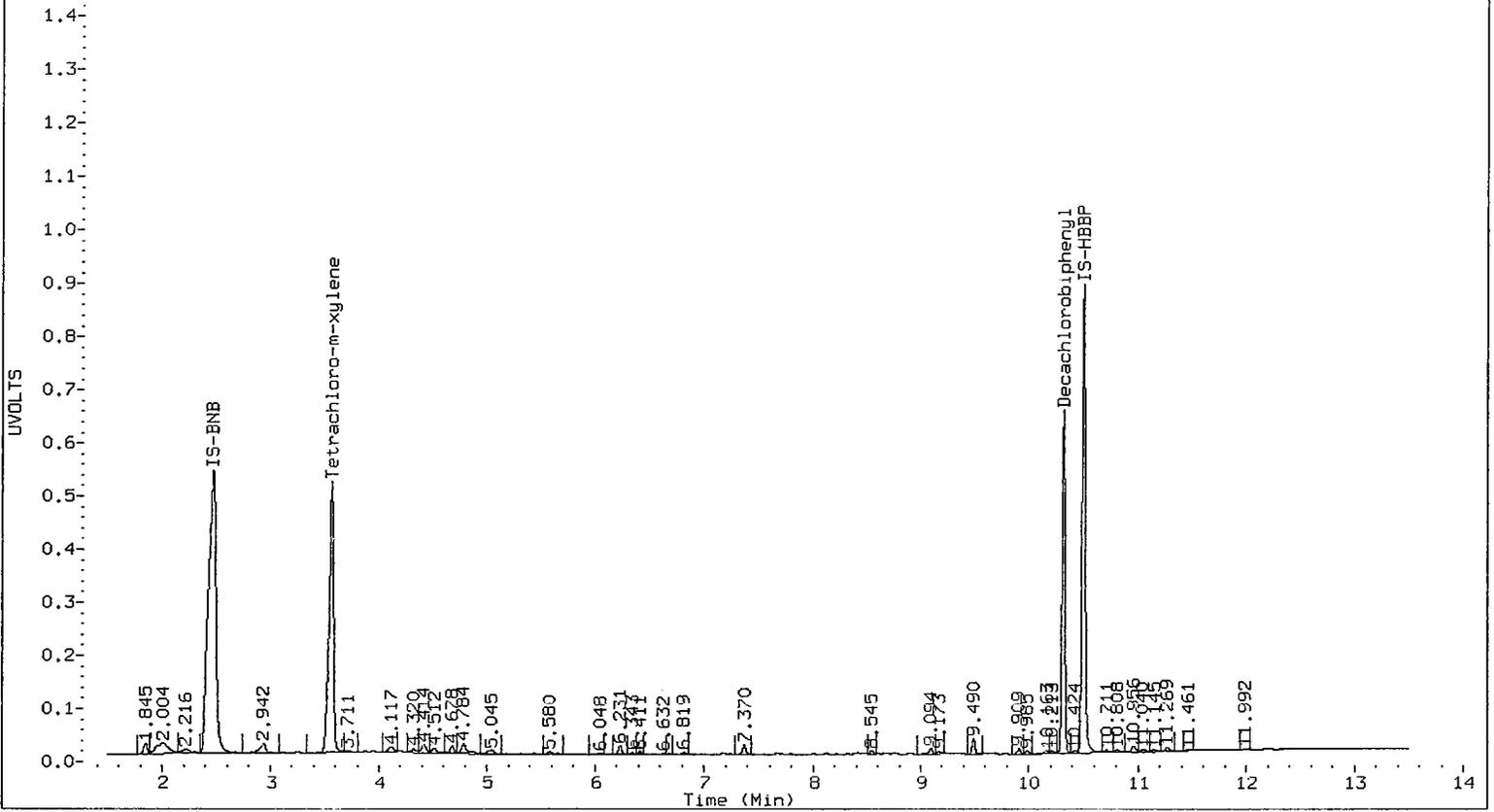
Col1 Total PCB = 0.1 ppm*

Total PCB Area Col2 (4.829 - 10.391) = 2594591

Col2 Total PCB = 0.0 ppm*

* Quantitated against AR1660 0.5ppm in 1cal





Sample ID: AN-RI-SEDC-04C
SAMPLE

Lab Sample ID: IH29I
LIMS ID: 05-11911
Matrix: Sediment
Data Release Authorized:
Reported: 08/02/05

QC Report No: IH29-Anchor Environmental
Project: KC Former Scott Mill
00010501/T2
Date Sampled: 07/15/05
Date Received: 07/18/05

Date Extracted: 07/26/05
Date Analyzed: 07/30/05 02:36
Instrument/Analyst: ECD5/PK
GPC Cleanup: No
Sulfur Cleanup: Yes
Acid Cleanup: Yes
Florisil Cleanup: No

Sample Amount: 25.6 g-dry-wt
Final Extract Volume: 5.0 mL
Dilution Factor: 1.00
Silica Gel: No
pH: 8.1
Percent Moisture: 39.5%

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	20	< 20 U
53469-21-9	Aroclor 1242	20	< 20 U
12672-29-6	Aroclor 1248	20	< 20 U
11097-69-1	Aroclor 1254	20	< 20 U
11096-82-5	Aroclor 1260	20	< 20 U
11104-28-2	Aroclor 1221	20	< 20 U
11141-16-5	Aroclor 1232	20	< 20 U

Reported in $\mu\text{g}/\text{kg}$ (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	92.0%
Tetrachlorometaxylene	92.8%

Analytical Resources Inc.
Dual Column PCB Quantitation Report

Data file 1: 20050720.b/0729-1.b/0729B047.d
Data file 2: 20050720.b/0729-2.b/0729B047.d
Method: /chem2/ecd5.i/20050720.b/PCB1.m
Compound Sublist: PCB
Instrument, Inj. Vol.: ecd5.i, 3ul
Quant Method: Internal Std

ARI ID: IH29I
Client ID: AN-RI-SEDC-04C
Injection Date: 30-JUL-2005 02:36
Report Date: 08/02/2005 09:57
Matrix: SOIL
Dilution Factor: 1.000

RT	CLP Col Shift Response	ZB35 Col Shift Response	RT	ZB35 Col Shift Response	CLP on col	ZB35 on col	RPD	Compound/Flag
3.566	0.024 73316356	4.745 0.016 13108915	10.315	0.008 62273267	0.0343	0.0371	7.7	Tetrachloro-m-xylene
					0.0368	0.0359	2.4	Decachlorobiphenyl

- * Indicates RPD > 40%
- M Indicates Column 1 peak was manually integrated
- N Indicates Column 2 peak was manually integrated

SURROGATE PERCENT RECOVERY

SURROGATE	Col1	Col2
Tetrachloro-m-xylene	85.8	92.7
Decachlorobiphenyl	91.9	89.7

INTERNAL STANDARD SUMMARY

Standard Cpnd	Column 1		%D
	Standard Area*	Sample Area	
Bromo-Nitrobenzene	125791287	150925340	20.0
Hexabromobiphenyl	62776174	106858280	70.2

Standard Cpnd	Column 2		%D
	Standard Area*	Sample Area	
Bromo-Nitrobenzene	23643829	25961699	9.8
Hexabromobiphenyl	10484374	11601859	10.7

- * Standard Areas taken from Initial Cal Level 4
Initial Calibration Date: 20-JUL-2005
- <- Indicates standard response outside Limits (-50 to +100%)

CLP Col					ZB35 Col					
Aroclor	Peak#	RT	Shift	Area	Amount	Peak#	RT	Shift	Area	Amount
Aroclor-1016	1	---			0.000	1	---			0.000
Aroclor-1016	2	---			0.000	2	---			0.000
Aroclor-1016	3	---			0.000	3	---			0.000
Aroclor-1016	4	---			0.000	4	---			0.000
CollAve: <3 Quant Peaks						Col2Ave: <3 Quant Peaks				
Aroclor-1221	1	---			0.000	1	---			0.000
Aroclor-1221	2	---			0.000	2	---			0.000
Aroclor-1221	3	---			0.000	3	---			0.000
CollAve: <3 Quant Peaks						Col2Ave: <3 Quant Peaks				
Aroclor-1232	1	---			0.000	1	---			0.000
Aroclor-1232	2	---			0.000	2	---			0.000
Aroclor-1232	3	---			0.000	3	---			0.000
Aroclor-1232	4	---			0.000	4	---			0.000
CollAve: <3 Quant Peaks						Col2Ave: <3 Quant Peaks				
Aroclor-1242	1	---			0.000	1	---			0.000
Aroclor-1242	2	---			0.000	2	---			0.000
Aroclor-1242	3	---			0.000	3	---			0.000
Aroclor-1242	4	---			0.000	4	---			0.000
Aroclor-1242	NS	---			----	5	---			0.000
CollAve: <3 Quant Peaks						Col2Ave: <3 Quant Peaks				
Aroclor-1248	1	---			0.000	1	---			0.000
Aroclor-1248	2	---			0.000	2	---			0.000
Aroclor-1248	3	---			0.000	3	---			0.000
Aroclor-1248	4	---			0.000	4	---			0.000
CollAve: <3 Quant Peaks						Col2Ave: <3 Quant Peaks				
Aroclor-1254	1	---			0.000	1	---			0.000
Aroclor-1254	2	---			0.000	2	---			0.000
Aroclor-1254	3	---			0.000	3	---			0.000
Aroclor-1254	4	---			0.000	4	---			0.000
CollAve: <3 Quant Peaks						Col2Ave: <3 Quant Peaks				
Aroclor-1260	1	---			0.000	1	---			0.000
Aroclor-1260	2	---			0.000	2	---			0.000
Aroclor-1260	3	8.762	0.009	481822	0.002	3	---			0.000
Aroclor-1260	4	9.097	0.017	1686042	0.011	4	---			0.000
Aroclor-1260	5	9.175	0.013	367525	0.007	5	---			0.000
Total CollAve (3 peaks): 0.007						Col2Ave: <3 Quant Peaks				
Aroclor-1262	1	---			0.000	1	---			0.000
Aroclor-1262	2	8.762	0.008	481822	0.002	2	---			0.000
Aroclor-1262	3	9.175	0.013	367525	0.003	3	---			0.000
Aroclor-1262	4	9.784	0.005	359181	0.004	4	---			0.000
Total CollAve (3 peaks): 0.003						Col2Ave: <3 Quant Peaks				
Aroclor-1268	1	---			0.000	1	---			0.000
Aroclor-1268	2	---			0.000	2	---			0.000
Aroclor-1268	3	---			0.000	3	---			0.000
Aroclor-1268	4	---			0.000	4	---			0.000
CollAve: <3 Quant Peaks						Col2Ave: <3 Quant Peaks				

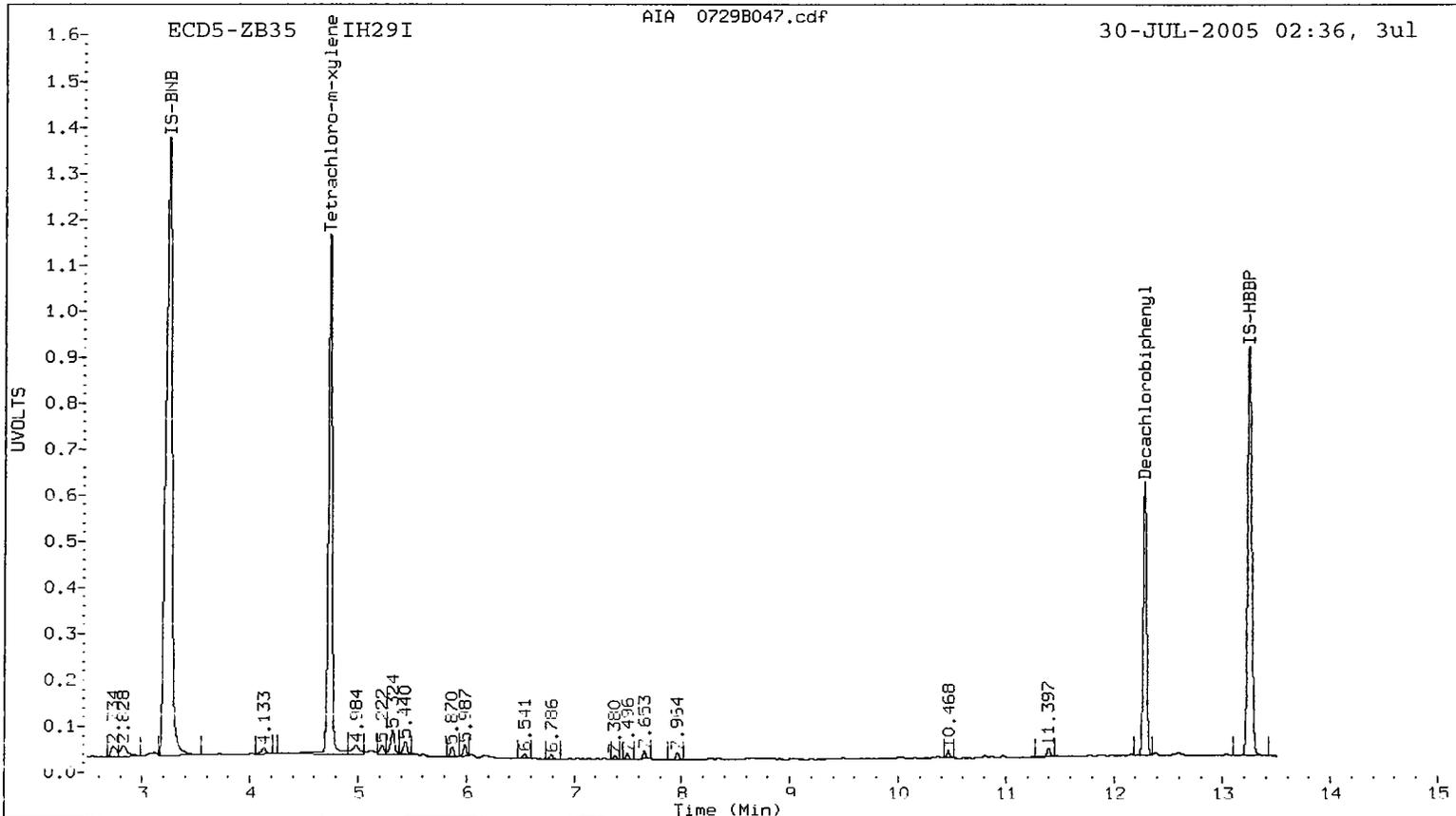
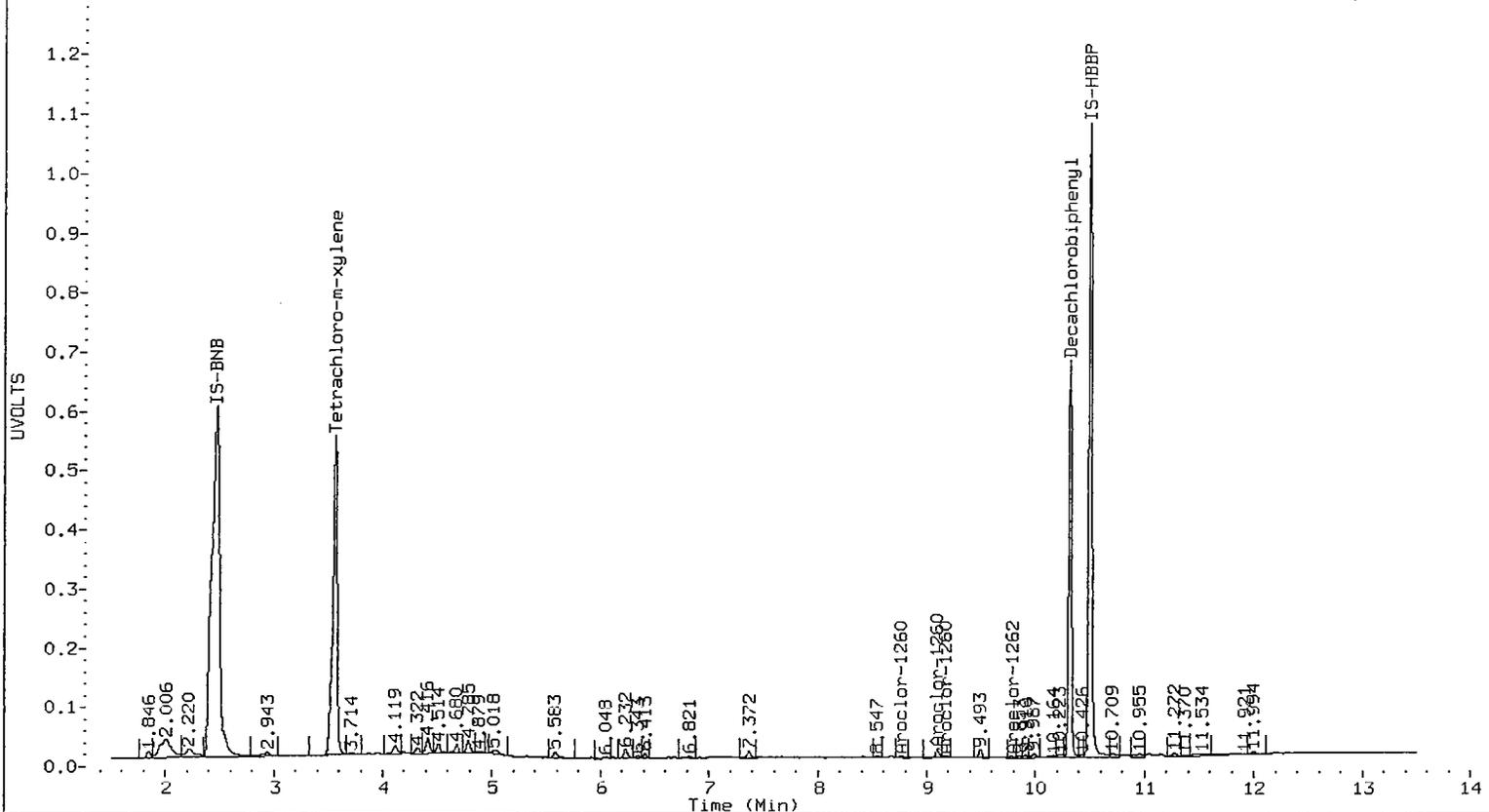
Total PCB Area Col1 (3.642 - 10.391) = 95426691

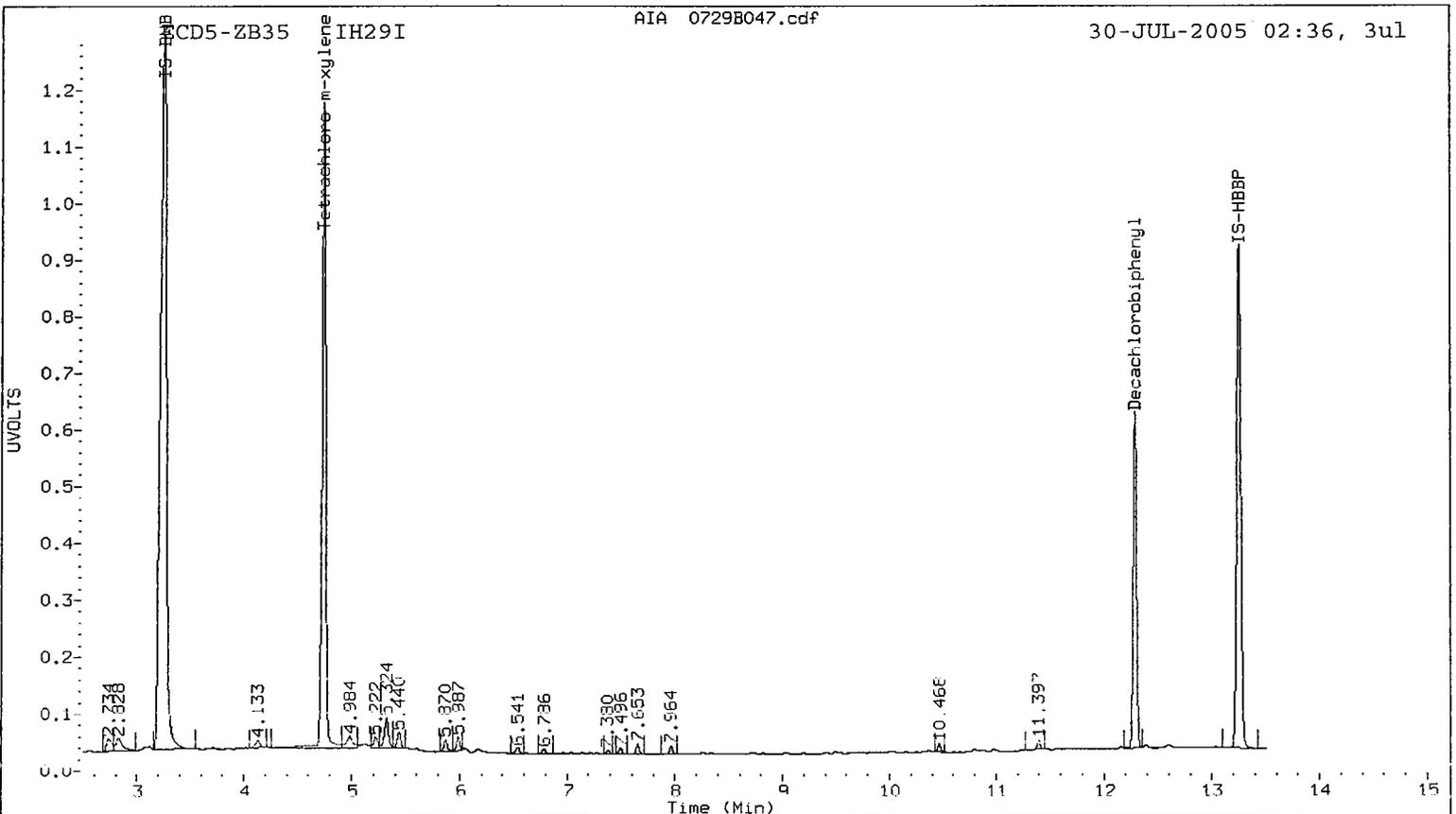
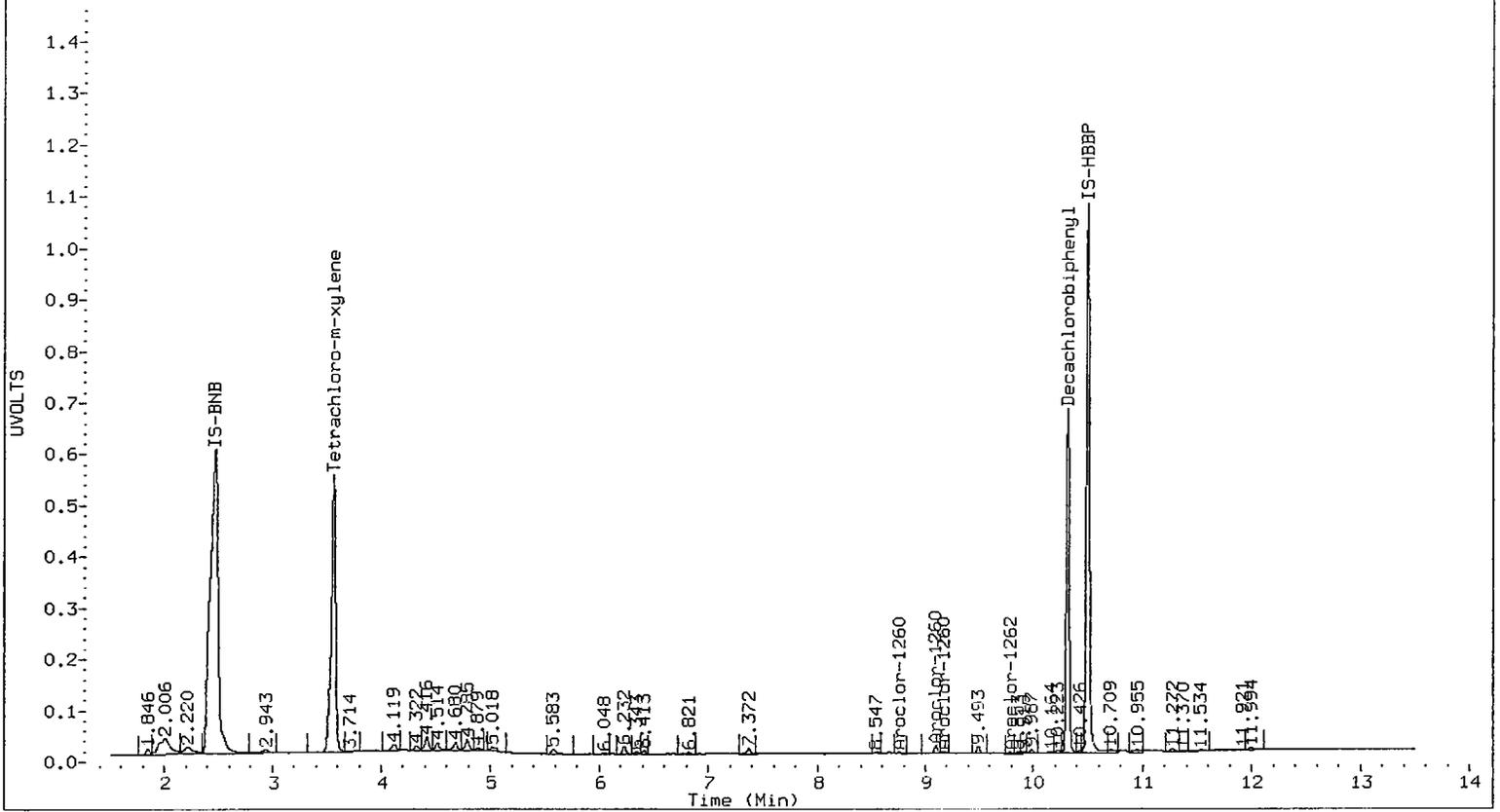
Col1 Total PCB = 0.1 ppm*

Total PCB Area Col2 (4.829 - 10.391) = 2914329

Col2 Total PCB = 0.0 ppm*

* Quantitated against AR1660 0.5ppm in 1cal





Sample ID: AN-RI-SEDS-05-SS
SAMPLE

Lab Sample ID: IH29J
LIMS ID: 05-11912
Matrix: Sediment
Data Release Authorized:
Reported: 08/02/05

QC Report No: IH29-Anchor Environmental
Project: KC Former Scott Mill
00010501/T2
Date Sampled: 07/14/05
Date Received: 07/18/05

Date Extracted: 07/26/05
Date Analyzed: 07/30/05 02:53
Instrument/Analyst: ECD5/PK
GPC Cleanup: No
Sulfur Cleanup: Yes
Acid Cleanup: Yes
Florisil Cleanup: No

Sample Amount: 25.6 g-dry-wt
Final Extract Volume: 5.0 mL
Dilution Factor: 1.00
Silica Gel: No
pH: 6.7
Percent Moisture: 30.2%

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	20	< 20 U
53469-21-9	Aroclor 1242	20	< 20 U
12672-29-6	Aroclor 1248	20	< 20 U
11097-69-1	Aroclor 1254	20	< 20 U
11096-82-5	Aroclor 1260	20	< 20 U
11104-28-2	Aroclor 1221	20	< 20 U
11141-16-5	Aroclor 1232	20	< 20 U

Reported in $\mu\text{g}/\text{kg}$ (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	95.0%
Tetrachlorometaxylene	76.5%

Analytical Resources Inc.
Dual Column PCB Quantitation Report

Data file 1: 20050720.b/0729-1.b/0729B048.d
 Data file 2: 20050720.b/0729-2.b/0729B048.d
 Method: /chem2/ecd5.i/20050720.b/PCB1.m
 Compound Sublist: PCB
 Instrument, Inj. Vol.: ecd5.i, 3ul
 Quant Method: Internal Std

ARI ID: IH29J
 Client ID: AN-RI-SEDS-05-SS
 Injection Date: 30-JUL-2005 02:53
 Report Date: 08/02/2005 09:57
 Matrix: SOIL
 Dilution Factor: 1.000

RT	CLP Col Shift Response	ZB35 Col Shift Response	RT	CLP on col	ZB35 on col	RPD	Compound/Flag
3.562	0.020 64310676	4.743 0.014 10253088	10.313	0.0301	0.0306	1.5	Tetrachloro-m-xylene M
	0.006 48504127	12.283 0.008 6488330		0.0380	0.0368	3.2	Decachlorobiphenyl

- * Indicates RPD > 40%
- M Indicates Column 1 peak was manually integrated
- N Indicates Column 2 peak was manually integrated

SURROGATE PERCENT RECOVERY

SURROGATE	Col1	Col2
Tetrachloro-m-xylene	75.3	76.4
Decachlorobiphenyl	95.1	92.1

INTERNAL STANDARD SUMMARY

Standard Cpnd	Column 1		%D
	Standard Area*	Sample Area	
Bromo-Nitrobenzene	125791287	150841091	19.9
Hexabromobiphenyl	62776174	80457639	28.2

Standard Cpnd	Column 2		%D
	Standard Area*	Sample Area	
Bromo-Nitrobenzene	23643829	24613253	4.1
Hexabromobiphenyl	10484374	11653524	11.2

- * Standard Areas taken from Initial Cal Level 4
- Initial Calibration Date: 20-JUL-2005
- <- Indicates standard response outside Limits (-50 to +100%)

CLP Col				ZB35 Col						
Aroclor	Peak#	RT	Shift	Area	Amount	Peak#	RT	Shift	Area	Amount
Aroclor-1016	1	---			0.000	1	---			0.000
Aroclor-1016	2	---			0.000	2	---			0.000
Aroclor-1016	3	---			0.000	3	---			0.000
Aroclor-1016	4	---			0.000	4	---			0.000
CollAve: <3 Quant Peaks				Col2Ave: <3 Quant Peaks						
Aroclor-1221	1	---			0.000	1	---			0.000
Aroclor-1221	2	---			0.000	2	---			0.000
Aroclor-1221	3	---			0.000	3	---			0.000
CollAve: <3 Quant Peaks				Col2Ave: <3 Quant Peaks						
Aroclor-1232	1	---			0.000	1	---			0.000
Aroclor-1232	2	---			0.000	2	---			0.000
Aroclor-1232	3	---			0.000	3	---			0.000
Aroclor-1232	4	---			0.000	4	---			0.000
CollAve: <3 Quant Peaks				Col2Ave: <3 Quant Peaks						
Aroclor-1242	1	---			0.000	1	---			0.000
Aroclor-1242	2	---			0.000	2	---			0.000
Aroclor-1242	3	---			0.000	3	---			0.000
Aroclor-1242	4	---			0.000	4	---			0.000
Aroclor-1242	NS	---			----	5	---			0.000
CollAve: <3 Quant Peaks				Col2Ave: <3 Quant Peaks						
Aroclor-1248	1	---			0.000	1	---			0.000
Aroclor-1248	2	---			0.000	2	---			0.000
Aroclor-1248	3	---			0.000	3	---			0.000
Aroclor-1248	4	---			0.000	4	---			0.000
CollAve: <3 Quant Peaks				Col2Ave: <3 Quant Peaks						
Aroclor-1254	1	---			0.000	1	---			0.000
Aroclor-1254	2	---			0.000	2	---			0.000
Aroclor-1254	3	---			0.000	3	---			0.000
Aroclor-1254	4	---			0.000	4	---			0.000
CollAve: <3 Quant Peaks				Col2Ave: <3 Quant Peaks						
Aroclor-1260	1	---			0.000	1	---			0.000
Aroclor-1260	2	---			0.000	2	---			0.000
Aroclor-1260	3	---			0.000	3	---			0.000
Aroclor-1260	4	---			0.000	4	---			0.000
Aroclor-1260	5	---			0.000	5	---			0.000
CollAve: <3 Quant Peaks				Col2Ave: <3 Quant Peaks						
Aroclor-1262	1	---			0.000	1	---			0.000
Aroclor-1262	2	---			0.000	2	---			0.000
Aroclor-1262	3	---			0.000	3	---			0.000
Aroclor-1262	4	---			0.000	4	---			0.000
CollAve: <3 Quant Peaks				Col2Ave: <3 Quant Peaks						
Aroclor-1268	1	---			0.000	1	---			0.000
Aroclor-1268	2	---			0.000	2	---			0.000
Aroclor-1268	3	---			0.000	3	---			0.000
Aroclor-1268	4	---			0.000	4	---			0.000
CollAve: <3 Quant Peaks				Col2Ave: <3 Quant Peaks						

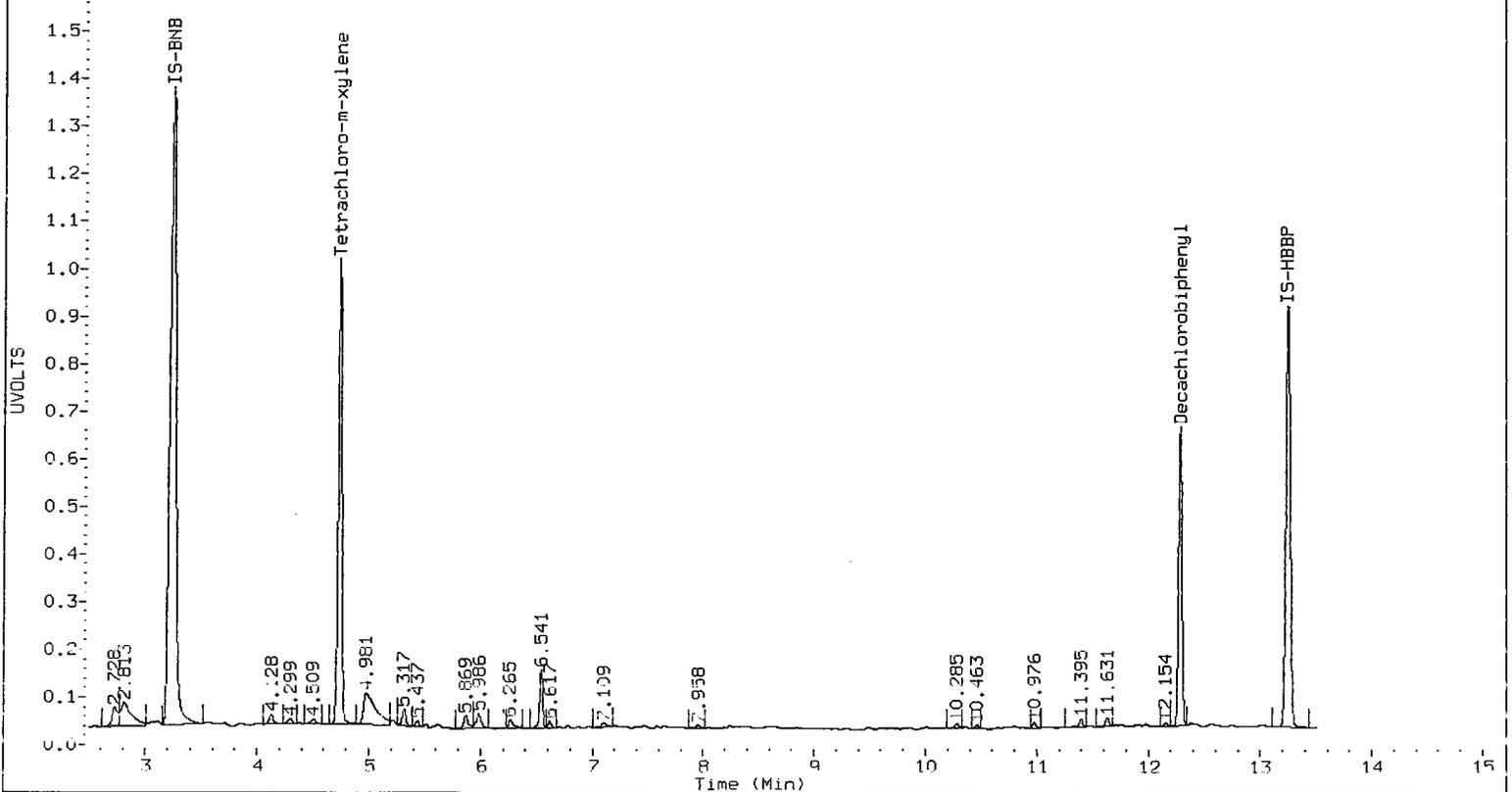
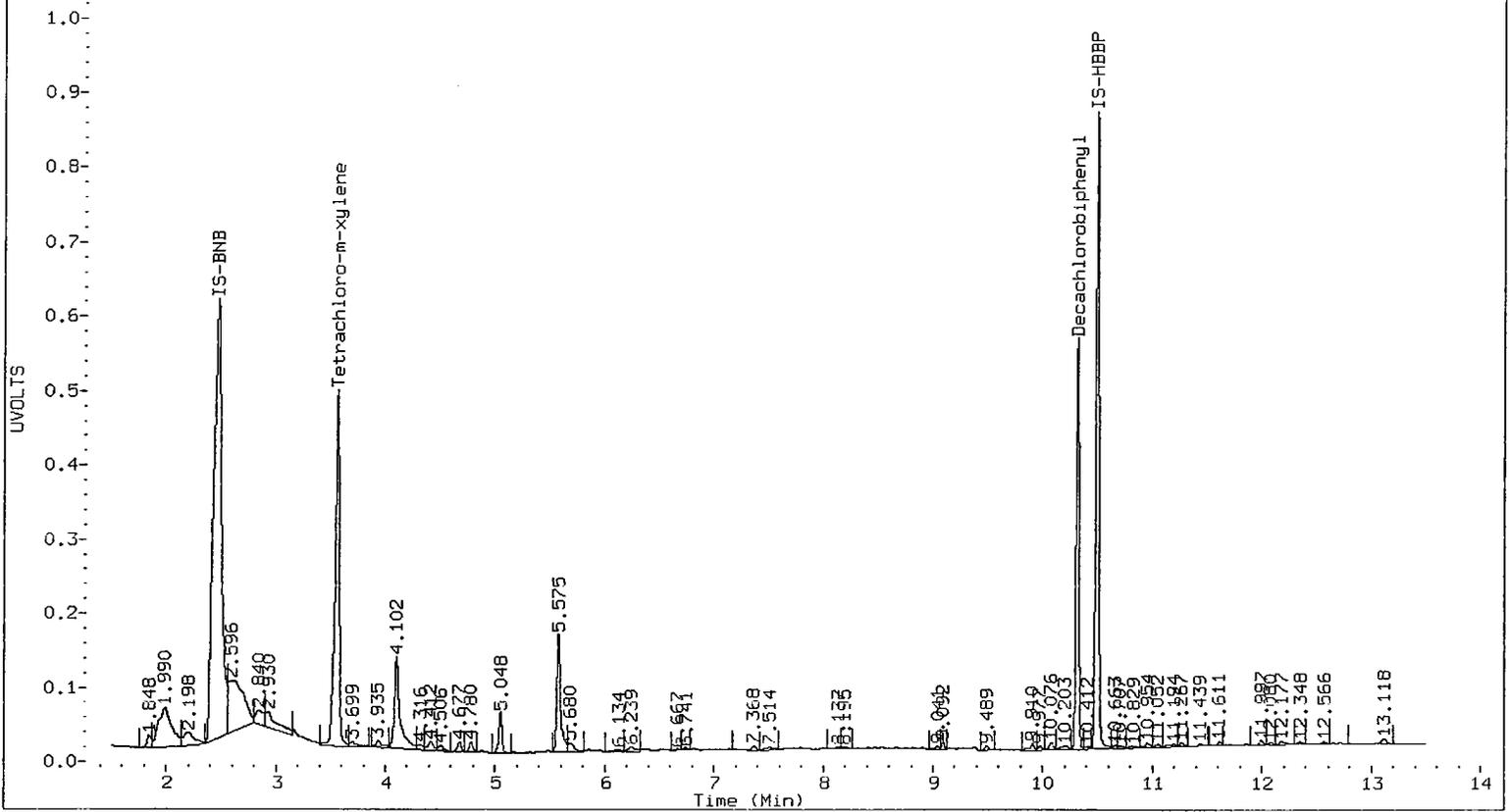
Total PCB Area Col1 (3.642 - 10.391) = 120642247

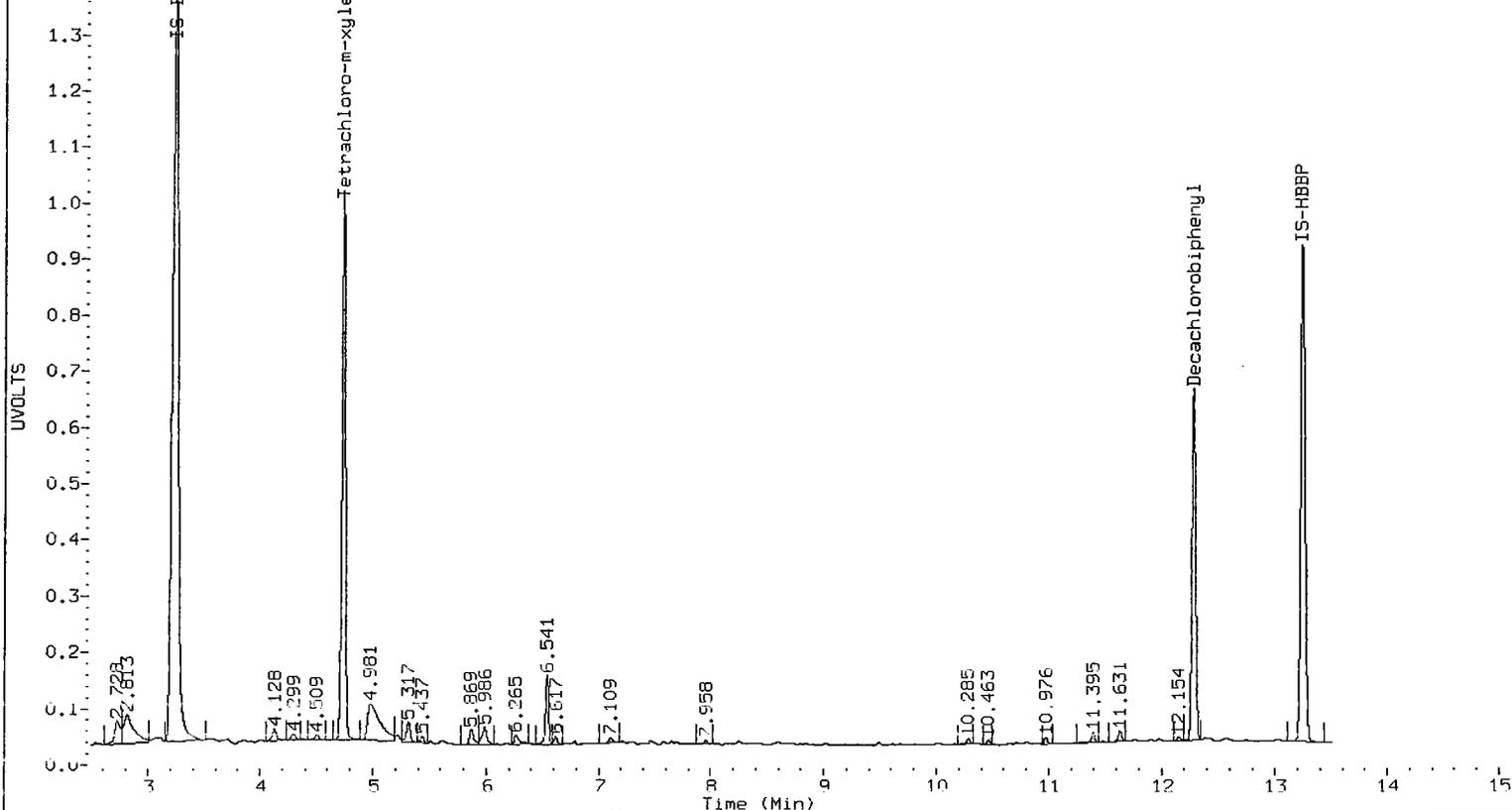
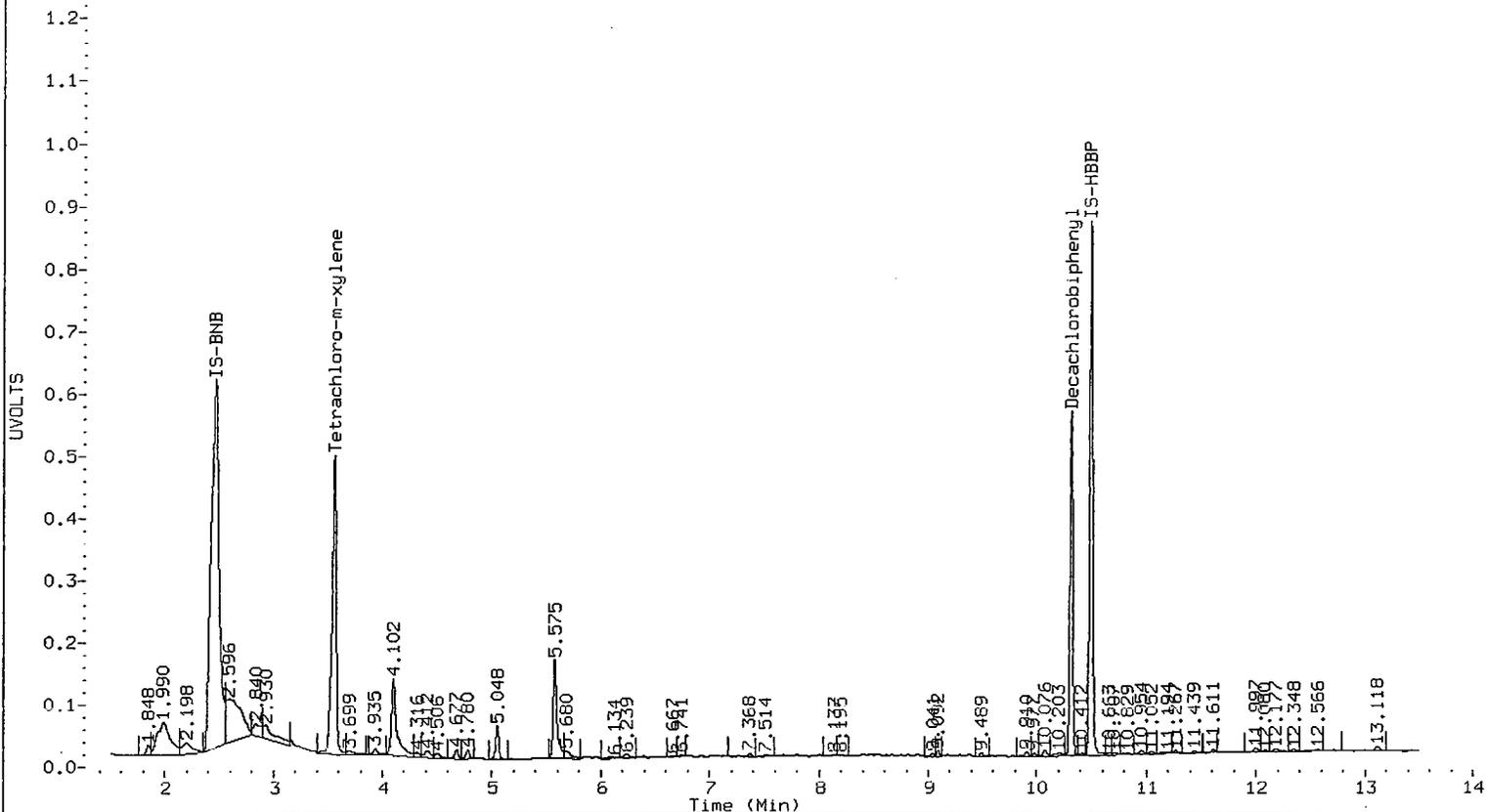
Col1 Total PCB = 0.1 ppm*

Total PCB Area Col2 (4.829 - 10.391) = 5860753

Col2 Total PCB = 0.1 ppm*

* Quantitated against AR1600 0.5ppm in ical





Sample ID: Filter-Wipe-050714
SAMPLE

Lab Sample ID: IH29L
LIMS ID: 05-11914
Matrix: Wipe
Data Release Authorized: *AB*
Reported: 08/02/05

QC Report No: IH29-Anchor Environmental
Project: KC Former Scott Mill
00010501/T2
Date Sampled: 07/14/05
Date Received: 07/18/05

Date Extracted: 07/26/05
Date Analyzed: 07/30/05 03:10
Instrument/Analyst: ECD5/PK
GPC Cleanup: No
Sulfur Cleanup: Yes
Acid Cleanup: Yes

Sample Amount: 1.00 Wipe
Final Extract Volume: 5.0 mL
Dilution Factor: 1.00
Silica Gel: No

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	0.5	< 0.5 U
53469-21-9	Aroclor 1242	0.5	< 0.5 U
12672-29-6	Aroclor 1248	0.5	< 0.5 U
11097-69-1	Aroclor 1254	0.5	< 0.5 U
11096-82-5	Aroclor 1260	0.5	< 0.5 U
11104-28-2	Aroclor 1221	0.5	< 0.5 U
11141-16-5	Aroclor 1232	0.5	< 0.5 U

Reported in Total μg

PCB Surrogate Recovery

Decachlorobiphenyl	101%
Tetrachlorometaxylene	95.0%

Analytical Resources Inc.
Dual Column PCB Quantitation Report

Data file 1: 20050720.b/0729-1.b/0729B049.d
 Data file 2: 20050720.b/0729-2.b/0729B049.d
 Method: /chem2/ecd5.i/20050720.b/PCB1.m
 Compound Sublist: PCB
 Instrument, Inj. Vol.: ecd5.i, 3ul
 Quant Method: Internal Std

ARI ID: IH29L
 Client ID: Filter-Wipe-050714
 Injection Date: 30-JUL-2005 03:10
 Report Date: 08/02/2005 09:58
 Matrix: SOIL
 Dilution Factor: 1.000

CLP Col			ZB35 Col			CLP	ZB35	RPD	Compound/Flag
RT	Shift	Response	RT	Shift	Response	on col	on col		
3.565	0.023	83401619	4.745	0.016	13545890	0.0380	0.0377	0.7	Tetrachloro-m-xylene
10.316	0.009	66142551	12.285	0.010	6708784	0.0403	0.0395	1.8	Decachlorobiphenyl

- * Indicates RPD > 40%
- M Indicates Column 1 peak was manually integrated
- N Indicates Column 2 peak was manually integrated

SURROGATE PERCENT RECOVERY

SURROGATE	Col1	Col2
Tetrachloro-m-xylene	95.0	94.3
Decachlorobiphenyl	100.6	98.9

INTERNAL STANDARD SUMMARY

Standard Cpnd	Column 1		%D
	Standard Area*	Sample Area	
Bromo-Nitrobenzene	125791287	155170035	23.4
Hexabromobiphenyl	62776174	103662043	65.1

Standard Cpnd	Column 2		%D
	Standard Area*	Sample Area	
Bromo-Nitrobenzene	23643829	26358558	11.5
Hexabromobiphenyl	10484374	11219802	7.0

- * Standard Areas taken from Initial Cal Level 4
- Initial Calibration Date: 20-JUL-2005
- <- Indicates standard response outside Limits (-50 to +100%)

CLP Col					ZB35 Col						
Aroclor	Peak#	RT	Shift	Area	Amount	Peak#	RT	Shift	Area	Amount	
Aroclor-1016	1	---			0.000	1	---			0.000	
Aroclor-1016	2	---			0.000	2	---			0.000	
Aroclor-1016	3	---			0.000	3	---			0.000	
Aroclor-1016	4	---			0.000	4	---			0.000	
CollAve: <3 Quant Peaks						Col2Ave: <3 Quant Peaks					
Aroclor-1221	1	---			0.000	1	---			0.000	
Aroclor-1221	2	---			0.000	2	---			0.000	
Aroclor-1221	3	---			0.000	3	---			0.000	
CollAve: <3 Quant Peaks						Col2Ave: <3 Quant Peaks					
Aroclor-1232	1	---			0.000	1	---			0.000	
Aroclor-1232	2	---			0.000	2	---			0.000	
Aroclor-1232	3	---			0.000	3	---			0.000	
Aroclor-1232	4	---			0.000	4	---			0.000	
CollAve: <3 Quant Peaks						Col2Ave: <3 Quant Peaks					
Aroclor-1242	1	---			0.000	1	---			0.000	
Aroclor-1242	2	---			0.000	2	---			0.000	
Aroclor-1242	3	---			0.000	3	---			0.000	
Aroclor-1242	4	---			0.000	4	---			0.000	
Aroclor-1242	NS	---			----	5	---			0.000	
CollAve: <3 Quant Peaks						Col2Ave: <3 Quant Peaks					
Aroclor-1248	1	---			0.000	1	---			0.000	
Aroclor-1248	2	---			0.000	2	---			0.000	
Aroclor-1248	3	---			0.000	3	---			0.000	
Aroclor-1248	4	---			0.000	4	---			0.000	
CollAve: <3 Quant Peaks						Col2Ave: <3 Quant Peaks					
Aroclor-1254	1	---			0.000	1	---			0.000	
Aroclor-1254	2	---			0.000	2	---			0.000	
Aroclor-1254	3	---			0.000	3	---			0.000	
Aroclor-1254	4	---			0.000	4	---			0.000	
CollAve: <3 Quant Peaks						Col2Ave: <3 Quant Peaks					
Aroclor-1260	1	8.161	0.046	547582	0.006	1	9.751	0.003	136389	0.018	
Aroclor-1260	2	8.408	0.010	1050907	0.011	2	---			0.000	
Aroclor-1260	3	---			0.000	3	10.397	0.035	81364	0.004	
Aroclor-1260	4	9.103	0.023	1096714	0.007	4	10.808	-0.005	93442	0.020	
Aroclor-1260	5	9.139	-0.023	1433082	0.029	5	10.850	-0.016	168843	0.015	
Total CollAve (4 peaks): 0.014					Total Col2Ave (4 peaks): 0.014					RPD = 5	
Corrected Ave (3 peaks): 0.008					Corrected Ave (4 peaks): 0.014					RPD = 52*	
Aroclor-1262	1	8.161	0.045	547582	0.004	1	---			0.000	
Aroclor-1262	2	---			0.000	2	---			0.000	
Aroclor-1262	3	9.139	-0.023	1433082	0.012	3	---			0.000	
Aroclor-1262	4	9.815	0.036	972829	0.012	4	---			0.000	
Total CollAve (3 peaks): 0.009					Col2Ave: <3 Quant Peaks						
Aroclor-1268	1	9.139	-0.018	1433082	0.005	1	---			0.000	
Aroclor-1268	2	9.364	-0.008	1266639	0.006	2	---			0.000	
Aroclor-1268	3	9.815	0.037	972829	0.012	3	---			0.000	
Aroclor-1268	4	---			0.000	4	---			0.000	
Total CollAve (3 peaks): 0.008					Col2Ave: <3 Quant Peaks						

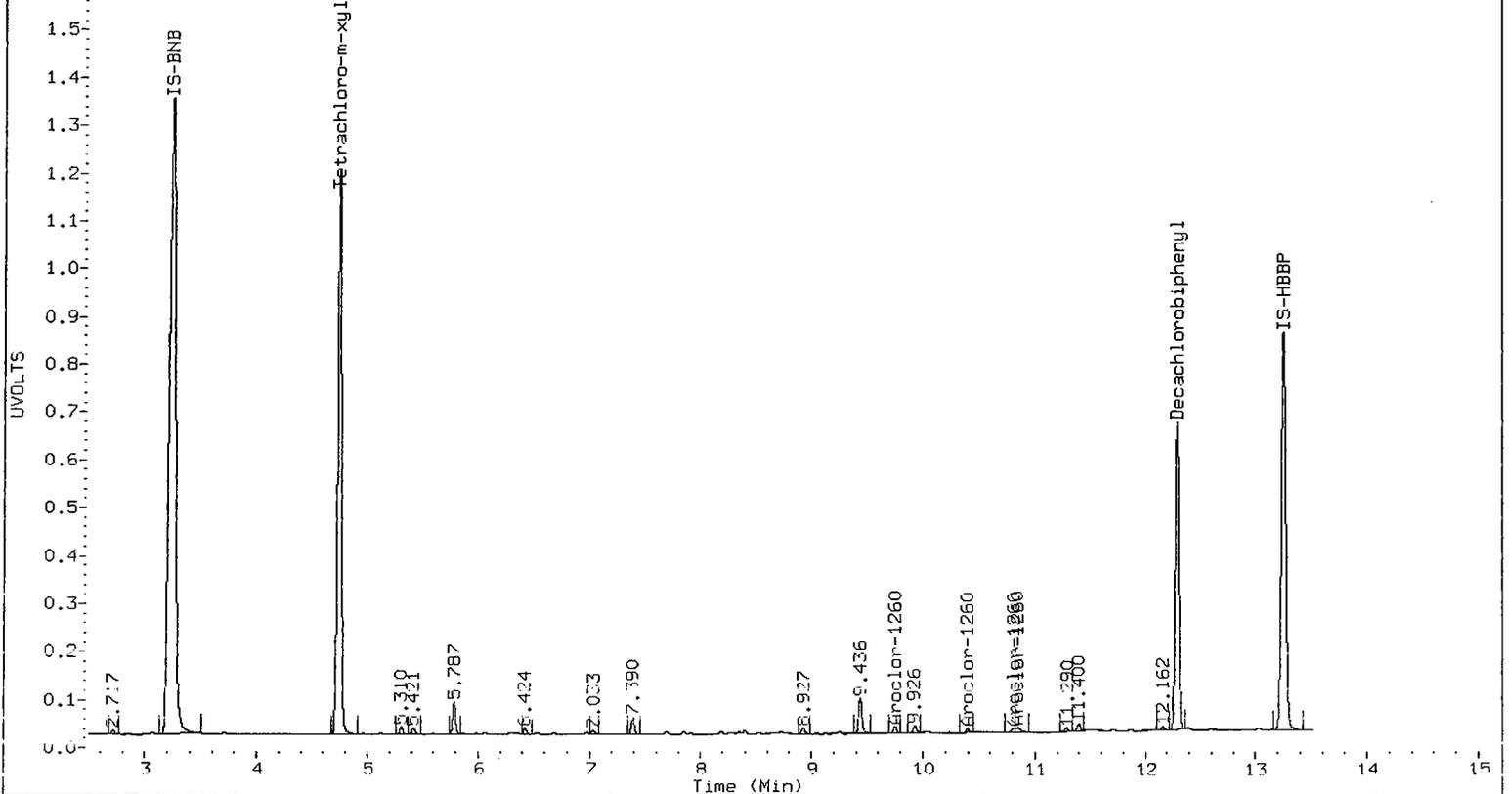
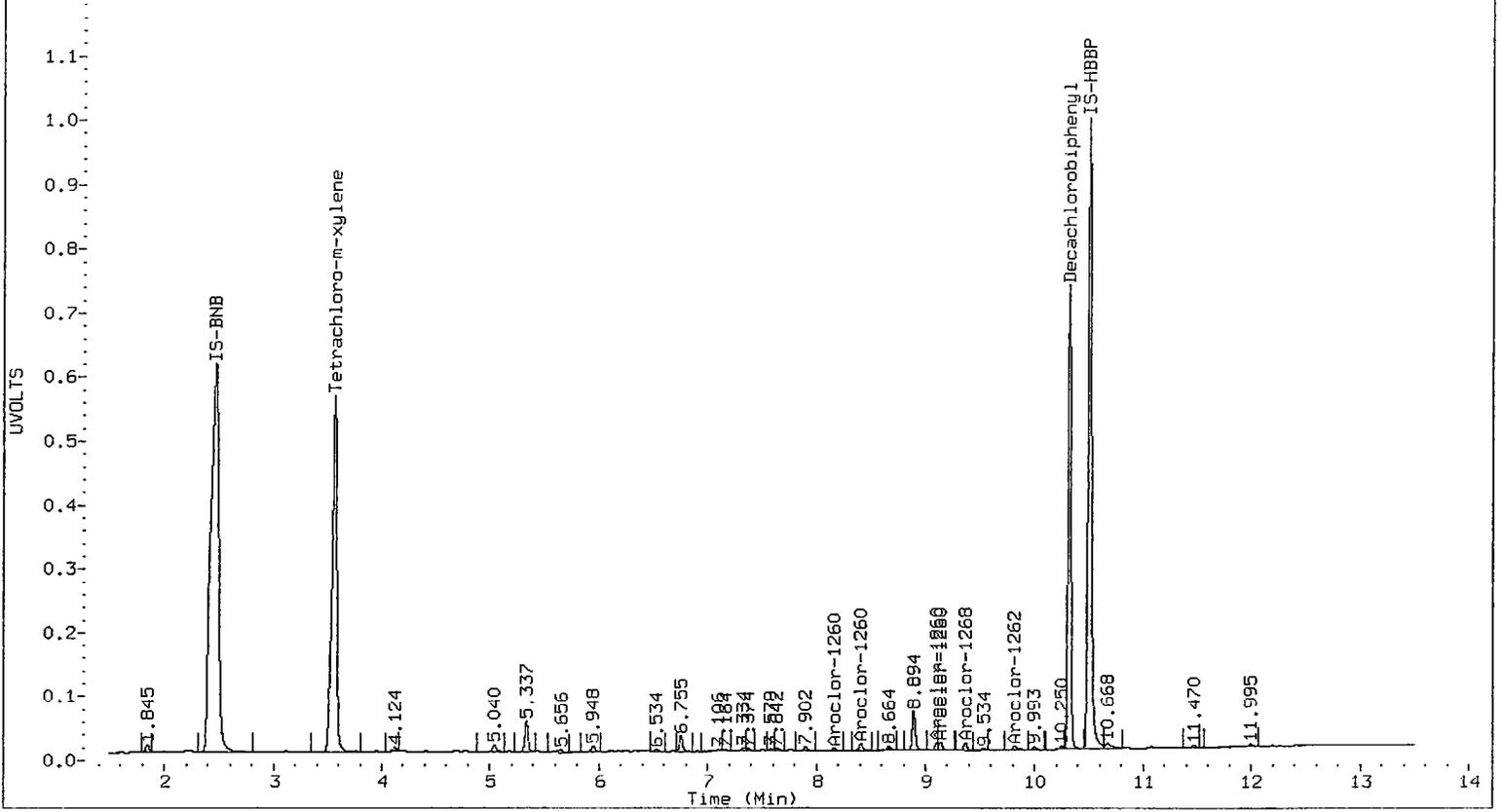
Total PCB Area Coll1 (3.642 - 10.391) = 96168714

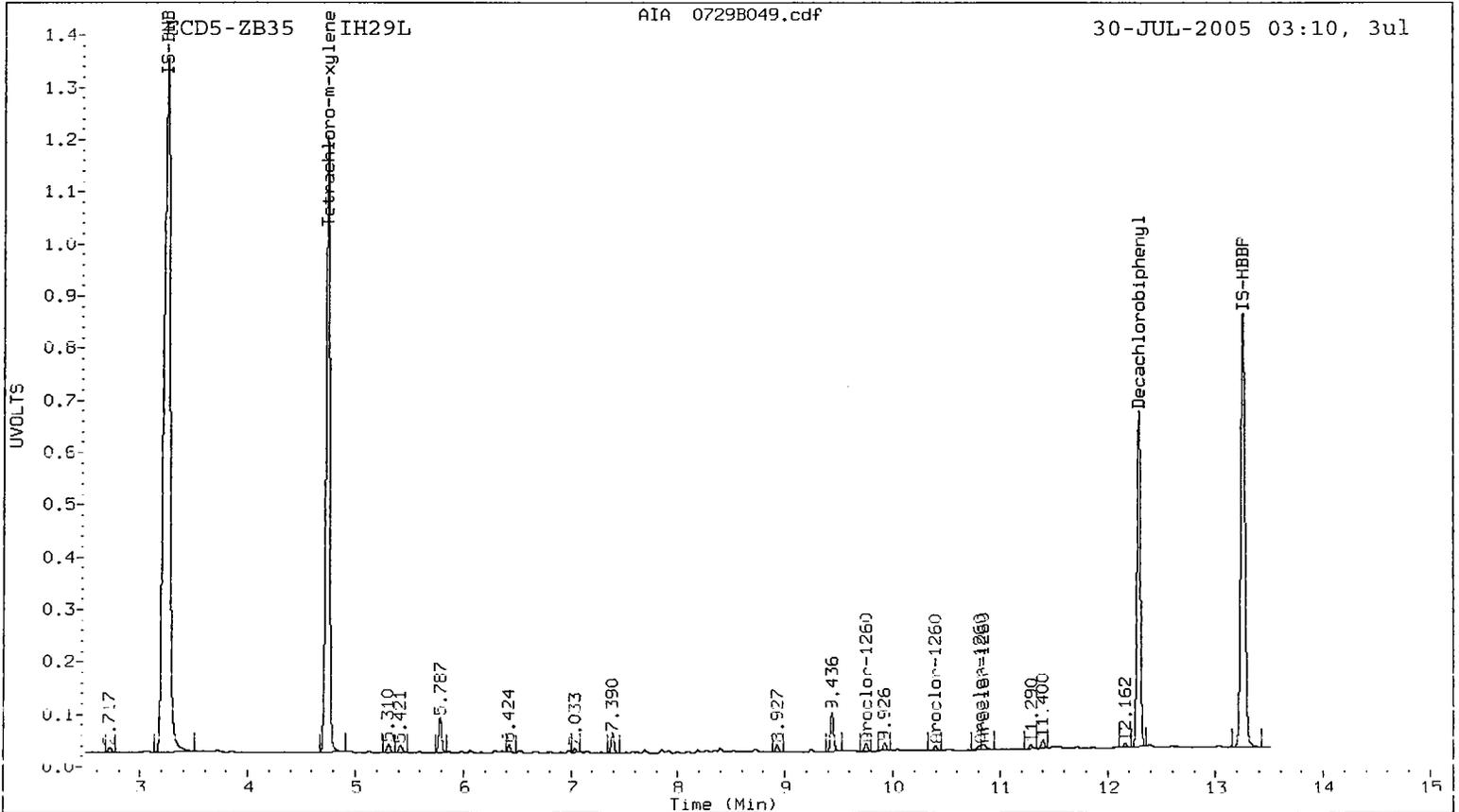
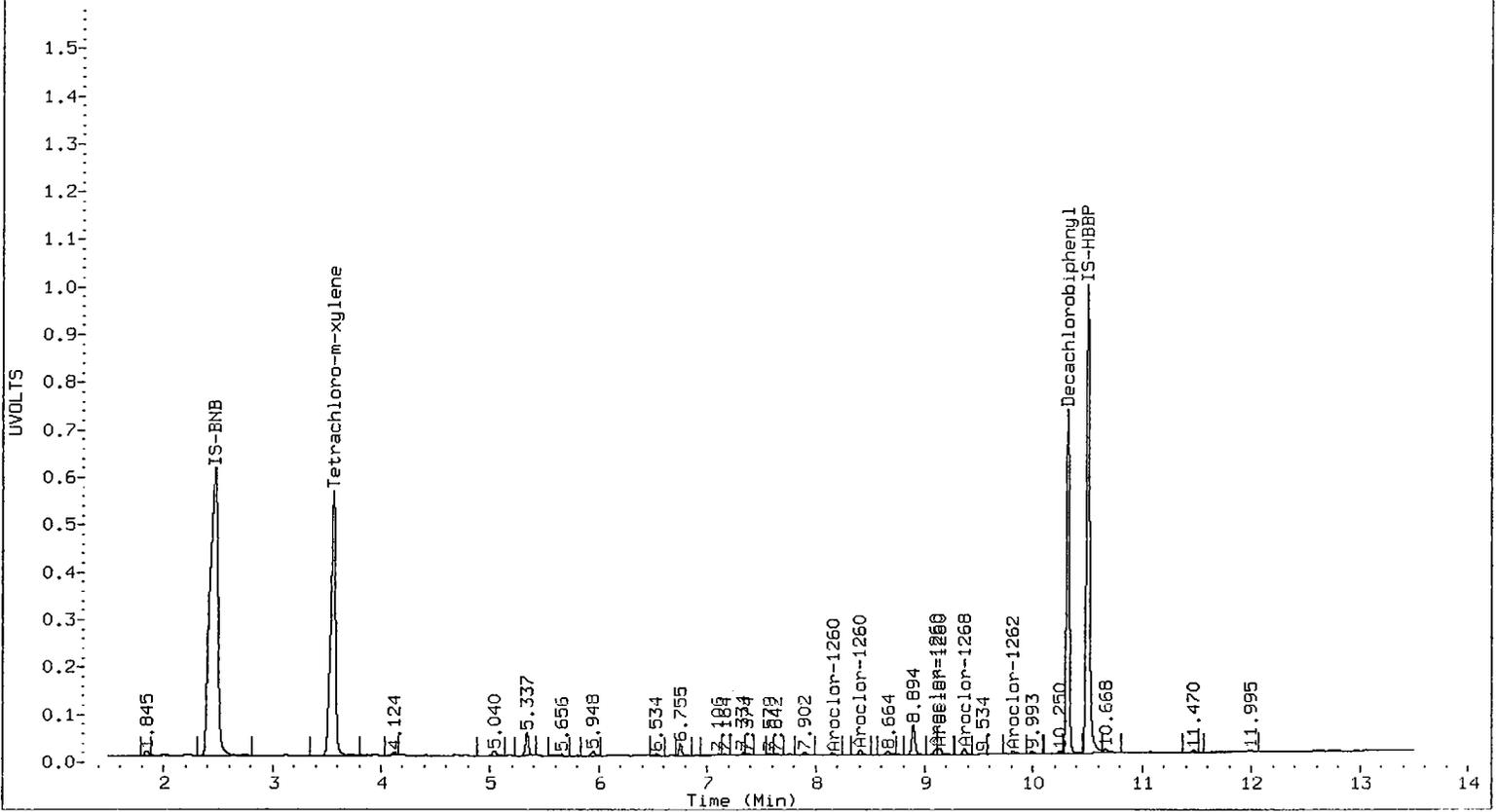
Coll1 Total PCB = 0.1 ppm*

Total PCB Area Col2 (4.829 - 10.391) = 2687778

Col2 Total PCB = 0.0 ppm*

* Quantitated against AR1660 0.5ppm in Ical





ORGANICS ANALYSIS DATA SHEET
PCB by GC/ECD Method SW8082
Page 1 of 1

Sample ID: Filter-Blank-050714
SAMPLE

Lab Sample ID: IH29M
LIMS ID: 05-11915
Matrix: Wipe
Data Release Authorized: *[Signature]*
Reported: 08/02/05

QC Report No: IH29-Anchor Environmental
Project: KC Former Scott Mill
00010501/T2
Date Sampled: 07/14/05
Date Received: 07/18/05

Date Extracted: 07/26/05
Date Analyzed: 07/30/05 03:27
Instrument/Analyst: ECD5/PK
GPC Cleanup: No
Sulfur Cleanup: Yes
Acid Cleanup: Yes

Sample Amount: 1.00 Wipe
Final Extract Volume: 5.0 mL
Dilution Factor: 1.00
Silica Gel: No

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	0.5	< 0.5 U
53469-21-9	Aroclor 1242	0.5	< 0.5 U
12672-29-6	Aroclor 1248	0.5	< 0.5 U
11097-69-1	Aroclor 1254	0.5	< 0.5 U
11096-82-5	Aroclor 1260	0.5	< 0.5 U
11104-28-2	Aroclor 1221	0.5	< 0.5 U
11141-16-5	Aroclor 1232	0.5	< 0.5 U

Reported in Total μg

PCB Surrogate Recovery

Decachlorobiphenyl	101%
Tetrachlorometaxylene	93.8%

Analytical Resources Inc.
Dual Column PCB Quantitation Report

Data file 1: 20050720.b/0729-1.b/0729B050.d
Data file 2: 20050720.b/0729-2.b/0729B050.d
Method: /chem2/ecd5.i/20050720.b/PCB1.m
Compound Sublist: PCB
Instrument, Inj. Vol.: ecd5.i, 3ul
Quant Method: Internal Std

ARI ID: IH29M
Client ID: Filter-Blank-050714
Injection Date: 30-JUL-2005 03:27
Report Date: 08/02/2005 09:58
Matrix: SOIL
Dilution Factor: 1.000

CLP Col			ZB35 Col			CLP	ZB35	RPD	Compound/Flag
RT	Shift	Response	RT	Shift	Response	on col	on col		
3.562	0.020	83836108	4.743	0.014	13698516	0.0375	0.0374	0.1	Tetrachloro-m-xylene
10.316	0.009	72780248	12.284	0.008	6841780	0.0404	0.0393	2.8	Decachlorobiphenyl

- * Indicates RPD > 40%
- M Indicates Column 1 peak was manually integrated
- N Indicates Column 2 peak was manually integrated

SURROGATE PERCENT RECOVERY

SURROGATE	Col1	Col2
Tetrachloro-m-xylene	93.7	93.6
Decachlorobiphenyl	101.0	98.3

INTERNAL STANDARD SUMMARY

Standard Cpnd	Column 1		%D
	Standard Area*	Sample Area	
Bromo-Nitrobenzene	125791287	158140724	25.7
Hexabromobiphenyl	62776174	113634136	81.0

Standard Cpnd	Column 2		%D
	Standard Area*	Sample Area	
Bromo-Nitrobenzene	23643829	26869211	13.6
Hexabromobiphenyl	10484374	11513885	9.8

- * Standard Areas taken from Initial Cal Level 4
Initial Calibration Date: 20-JUL-2005
- <- Indicates standard response outside Limits (-50 to +100%)

CLP Col				ZB35 Col						
Aroclor	Peak#	RT	Shift	Area	Amount	Peak#	RT	Shift	Area	Amount
Aroclor-1016	1	---			0.000	1	---			0.000
Aroclor-1016	2	---			0.000	2	---			0.000
Aroclor-1016	3	---			0.000	3	---			0.000
Aroclor-1016	4	---			0.000	4	---			0.000
CollAve: <3 Quant Peaks					Col2Ave: <3 Quant Peaks					
Aroclor-1221	1	---			0.000	1	---			0.000
Aroclor-1221	2	---			0.000	2	---			0.000
Aroclor-1221	3	---			0.000	3	---			0.000
CollAve: <3 Quant Peaks					Col2Ave: <3 Quant Peaks					
Aroclor-1232	1	---			0.000	1	---			0.000
Aroclor-1232	2	---			0.000	2	---			0.000
Aroclor-1232	3	---			0.000	3	---			0.000
Aroclor-1232	4	---			0.000	4	---			0.000
CollAve: <3 Quant Peaks					Col2Ave: <3 Quant Peaks					
Aroclor-1242	1	---			0.000	1	---			0.000
Aroclor-1242	2	---			0.000	2	---			0.000
Aroclor-1242	3	---			0.000	3	---			0.000
Aroclor-1242	4	---			0.000	4	---			0.000
Aroclor-1242	NS	---			----	5	---			0.000
CollAve: <3 Quant Peaks					Col2Ave: <3 Quant Peaks					
Aroclor-1248	1	---			0.000	1	---			0.000
Aroclor-1248	2	---			0.000	2	---			0.000
Aroclor-1248	3	---			0.000	3	---			0.000
Aroclor-1248	4	---			0.000	4	---			0.000
CollAve: <3 Quant Peaks					Col2Ave: <3 Quant Peaks					
Aroclor-1254	1	---			0.000	1	---			0.000
Aroclor-1254	2	---			0.000	2	---			0.000
Aroclor-1254	3	---			0.000	3	---			0.000
Aroclor-1254	4	---			0.000	4	---			0.000
CollAve: <3 Quant Peaks					Col2Ave: <3 Quant Peaks					
Aroclor-1260	1	---			0.000	1	---			0.000
Aroclor-1260	2	---			0.000	2	---			0.000
Aroclor-1260	3	---			0.000	3	---			0.000
Aroclor-1260	4	---			0.000	4	---			0.000
Aroclor-1260	5	---			0.000	5	---			0.000
CollAve: <3 Quant Peaks					Col2Ave: <3 Quant Peaks					
Aroclor-1262	1	---			0.000	1	---			0.000
Aroclor-1262	2	---			0.000	2	---			0.000
Aroclor-1262	3	---			0.000	3	---			0.000
Aroclor-1262	4	---			0.000	4	---			0.000
CollAve: <3 Quant Peaks					Col2Ave: <3 Quant Peaks					
Aroclor-1268	1	---			0.000	1	---			0.000
Aroclor-1268	2	---			0.000	2	---			0.000
Aroclor-1268	3	---			0.000	3	---			0.000
Aroclor-1268	4	---			0.000	4	---			0.000
CollAve: <3 Quant Peaks					Col2Ave: <3 Quant Peaks					

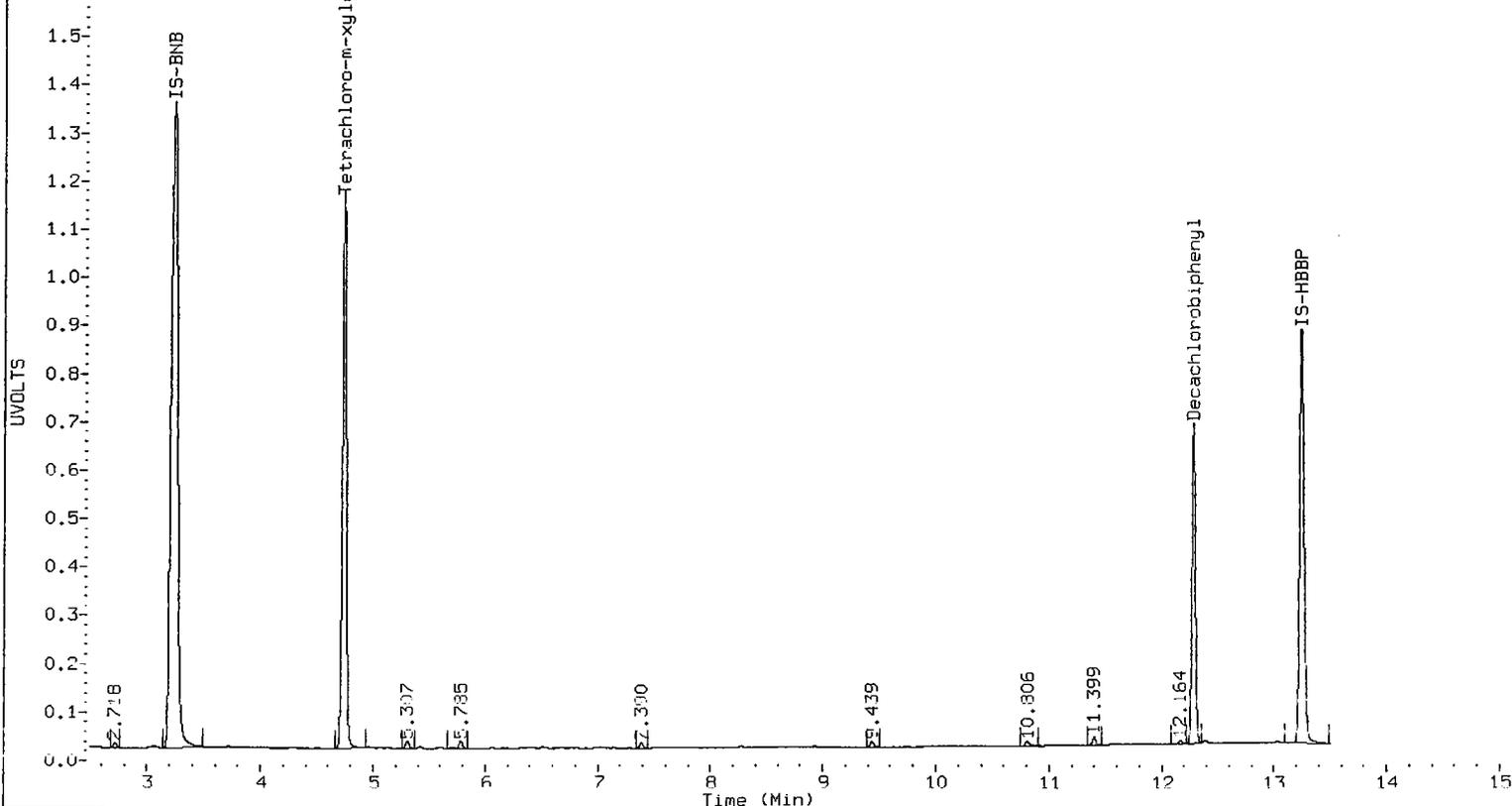
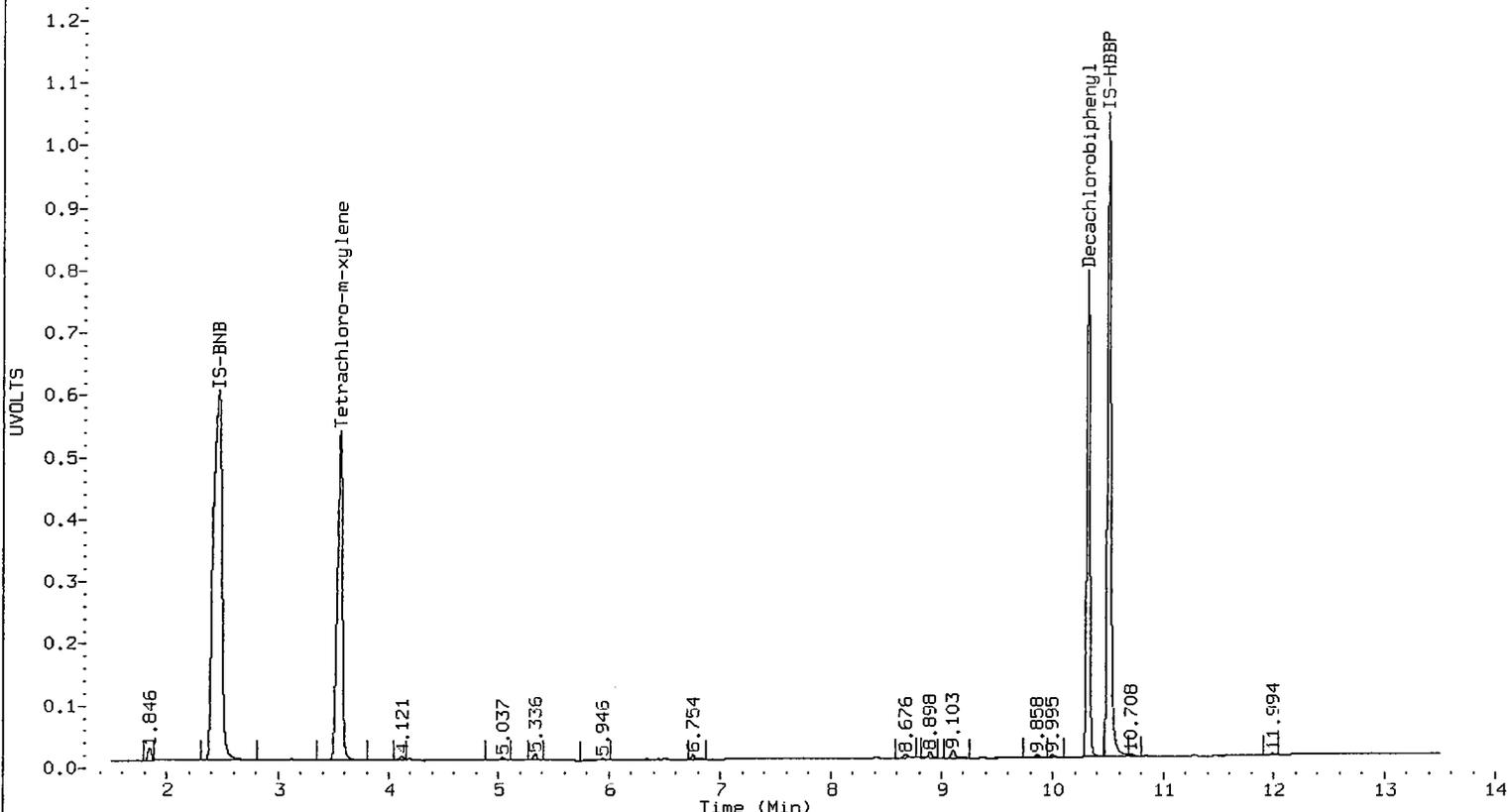
Total PCB Area Col1 (3.642 - 10.391) = 81051938

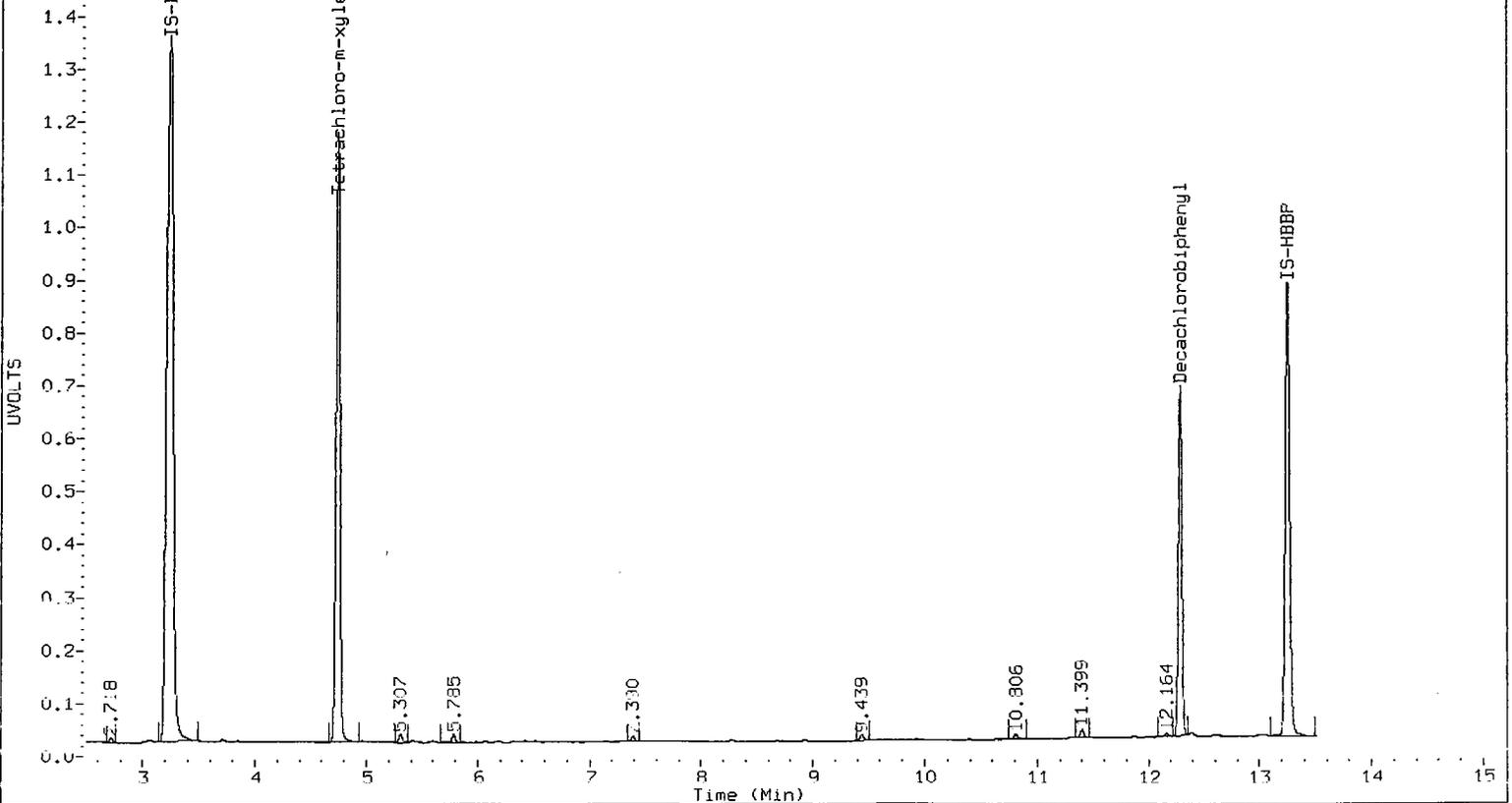
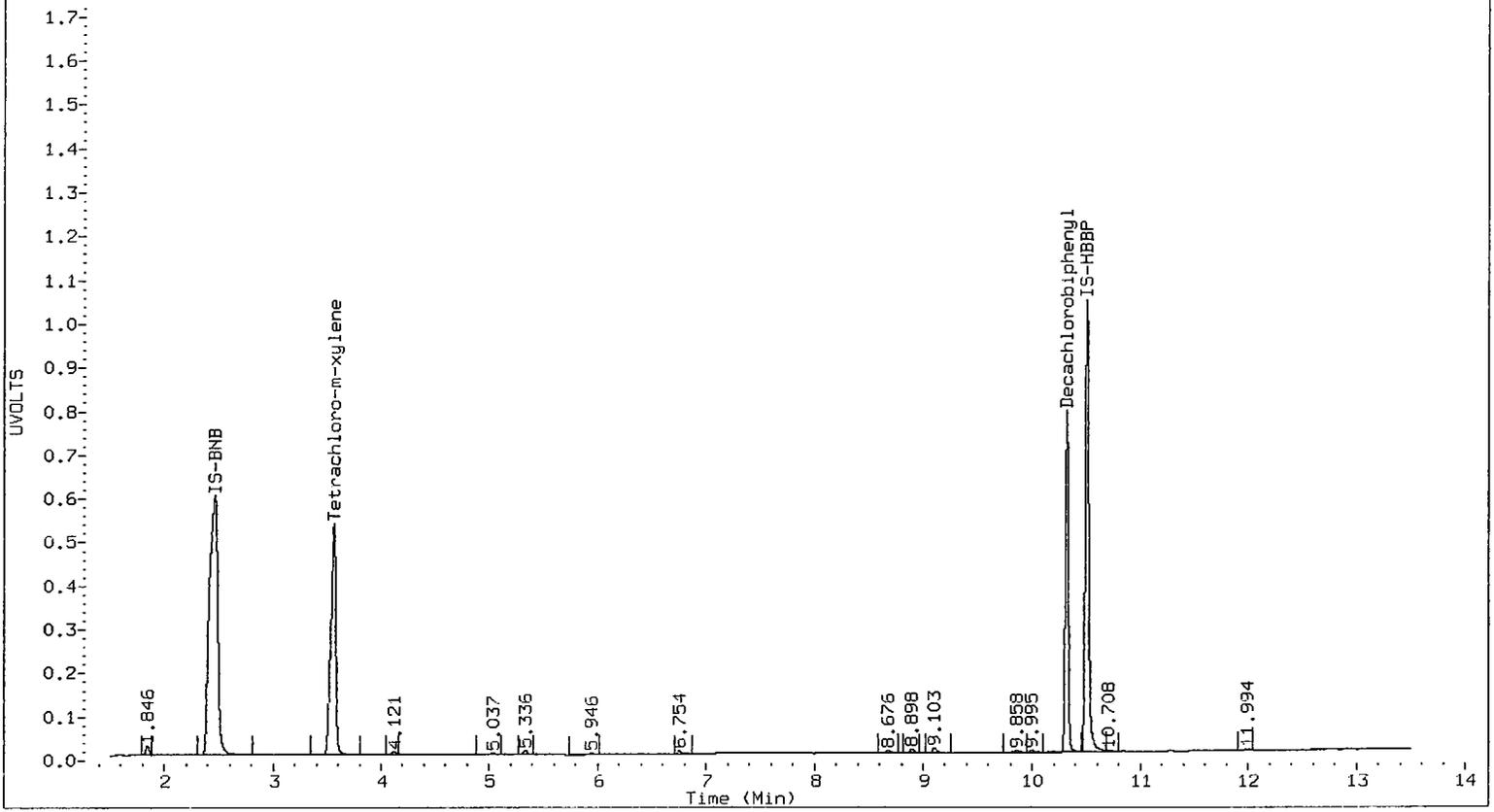
Col1 Total PCB = 0.1 ppm*

Total PCB Area Col2 (4.829 - 10.391) = 538341

Col2 Total PCB = 0.0 ppm*

* Quantitated against AR1660 0.5ppm in ical





**PCB Analysis
Standard Raw Data**

**prepared
for**

ANCHOR ENVIRONMENTAL

KC FORMER SCOTT MILL , 00010501/T2

ARI JOB NO. IH29

**prepared
by**

Analytical Resources, Inc.

6F
8082 INITIAL CALIBRATION OF AROCLOR 1016/1260

Lab Name: ANALYTICAL RESOURCES, INC

Client: ANCHOR

ARI Job No.: IH28

Project: KC FORMER SCOTT MILL

GC Column: CLP-PEST

Instrument ID: ECD5

Calibration Date: 07/20/05

SURROGATES

	RT WIN	LVL1	LVL2	LVL3	LVL4	LVL5	MEAN	%RSD
TCX	3.49- 3.59	0.9282	1.1622	1.2159	1.1692	1.1845	1.1320	10.2
DCB	10.26-10.36	1.0724	1.2754	1.3310	1.3108	1.3508	1.2681	8.9

Aroclor-1016		LVL1	LVL2	LVL3	LVL4	LVL5	MEAN	%RSD
Peak	RT WIN	.02	0.1	.25	0.5	1.0		
1	4.51- 4.61	0.0322	0.0365	0.0375	0.0353	0.0354	0.0354	5.6
2	5.13- 5.23	0.0688	0.0796	0.0818	0.0764	0.0768	0.0767	6.4
3	5.30- 5.41	0.0298	0.0340	0.0350	0.0325	0.0339	0.0330	6.1
4	5.82- 5.92	0.0280	0.0304	0.0314	0.0302	0.0319	0.0304	5.0

AROCLOR AVERAGE %RSD = 5.8

Aroclor-1260		LVL1	LVL2	LVL3	LVL4	LVL5	MEAN	%RSD
Peak	RT WIN	.02	0.1	.25	0.5	1.0		
1	8.06- 8.16	0.0578	0.0702	0.0699	0.0681	0.0672	0.0666	7.7
2	8.35- 8.45	0.0706	0.0705	0.0718	0.0716	0.0691	0.0707	1.6
3	8.70- 8.80	0.1262	0.1563	0.1617	0.1581	0.1534	0.1511	9.4
4	9.03- 9.13	0.1531	0.1130	0.1089	0.1027	0.1022	0.1160	18.3
5	9.11- 9.21	0.0424	0.0377	0.0376	0.0360	0.0364	0.0380	6.7

AROCLOR AVERAGE %RSD = 8.7

6F
8082 INITIAL CALIBRATION OF AROCLOR 1016/1260

Lab Name: ANALYTICAL RESOURCES, INC

Client: ANCHOR

ARI Job No.: IH28

Project: KC FORMER SCOTT MILL

GC Column: ZB35

Instrument ID: ECD5

Calibration Date: 07/20/05

SURROGATES

	RT WIN	LVL1	LVL2	LVL3	LVL4	LVL5	MEAN	%RSD
TCX	4.68- 4.78	0.9231	1.1195	1.1481	1.1133	1.1453	1.0899	8.7
DCB	12.23-12.33	1.1978	1.2038	1.2160	1.1882	1.2418	1.2095	1.7

Aroclor-1016		LVL1	LVL2	LVL3	LVL4	LVL5	MEAN	%RSD
Peak	RT WIN	.02	0.1	.25	0.5	1.0		
1	6.10- 6.20	0.0353	0.0379	0.0373	0.0347	0.0350	0.0360	4.0
2	6.66- 6.76	0.0774	0.0773	0.0773	0.0721	0.0745	0.0757	3.2
3	6.84- 6.94	0.0283	0.0291	0.0289	0.0277	0.0288	0.0286	1.9
4	7.46- 7.56	0.0170	0.0209	0.0210	0.0200	0.0210	0.0200	8.5

AROCLOR AVERAGE %RSD = 4.4

Aroclor-1260		LVL1	LVL2	LVL3	LVL4	LVL5	MEAN	%RSD
Peak	RT WIN	.02	0.1	.25	0.5	1.0		
1	9.70- 9.80	0.0496	0.0568	0.0546	0.0538	0.0554	0.0541	5.0
2	10.10-10.20	0.0576	0.0655	0.0673	0.0636	0.0666	0.0641	6.1
3	10.31-10.41	0.1158	0.1295	0.1346	0.1328	0.1385	0.1303	6.7
4	10.76-10.86	0.0328	0.0346	0.0350	0.0329	0.0345	0.0339	3.0
5	10.82-10.92	0.0708	0.0841	0.0863	0.0824	0.0864	0.0820	7.9

AROCLOR AVERAGE %RSD = 5.7

6G
8082 INITIAL CALIBRATION OF SINGLE POINT PCBs

Lab Name: ANALYTICAL RESOURCES, INC

Client: ANCHOR

ARI Job No.: IH28

Project: KC FORMER SCOTT MILL

GC Column: CLP-PEST

Instrument ID: ECD5

Calibration Date: 07/20/05

Aroclor-1221				Cal Factor
Peak	RT	RT WIN		
1	3.807	3.76-	3.86	0.01051
2	4.019	3.97-	4.07	0.00555
3	4.076	4.03-	4.13	0.02615
Aroclor-1232				Cal Factor
Peak	RT	RT WIN		
1	4.076	4.03-	4.13	0.02088
2	4.568	4.52-	4.62	0.01451
3	5.187	5.14-	5.24	0.03126
4	5.358	5.31-	5.41	0.01387
Aroclor-1242				Cal Factor
Peak	RT	RT WIN		
1	4.079	4.03-	4.13	0.01593
2	5.189	5.14-	5.24	0.05599
3	5.359	5.31-	5.41	0.02651
4	5.874	5.82-	5.92	0.02519
Aroclor-1248				Cal Factor
Peak	RT	RT WIN		
1	5.185	5.13-	5.24	0.04394
2	5.874	5.82-	5.92	0.04024
3	5.980	5.93-	6.03	0.02338
4	6.396	6.35-	6.45	0.03785

6G
8082 INITIAL CALIBRATION OF SINGLE POINT PCBs

Lab Name: ANALYTICAL RESOURCES, INC

Client: ANCHOR

ARI Job No.: IH28

Project: KC FORMER SCOTT MILL

GC Column: CLP-PEST

Instrument ID: ECD5

Calibration Date: 07/20/05

Aroclor-1254			
Peak	RT	RT WIN	Cal Factor
1	6.656	6.61- 6.71	0.05742
2	6.984	6.93- 7.03	0.02845
3	7.129	7.08- 7.18	0.05830
4	7.456	7.41- 7.51	0.04640
Aroclor-1262			
Peak	RT	RT WIN	Cal Factor
1	8.116	8.07- 8.17	0.11627
2	8.754	8.70- 8.80	0.21868
3	9.162	9.11- 9.21	0.08939
4	9.779	9.73- 9.83	0.06039
Aroclor-1268			
Peak	RT	RT WIN	Cal Factor
1	9.157	9.11- 9.21	0.21356
2	9.372	9.32- 9.42	0.16974
3	9.778	9.73- 9.83	0.06320
4	10.098	10.05-10.15	0.45389

6G
8082 INITIAL CALIBRATION OF SINGLE POINT PCBs

Lab Name: ANALYTICAL RESOURCES, INC

Client: ANCHOR

ARI Job No.: IH28

Project: KC FORMER SCOTT MILL

GC Column: ZB35

Instrument ID: ECD5

Calibration Date: 07/20/05

Aroclor-1221			
Peak	RT	RT WIN	Cal Factor
1	5.260	5.21- 5.31	0.01140
2	5.462	5.41- 5.51	0.00683
3	5.557	5.51- 5.61	0.02267
Aroclor-1232			
Peak	RT	RT WIN	Cal Factor
1	5.556	5.51- 5.61	0.01839
2	6.149	6.10- 6.20	0.01707
3	6.707	6.66- 6.76	0.03163
4	7.054	7.00- 7.10	0.00734
Aroclor-1242			
Peak	RT	RT WIN	Cal Factor
1	5.557	5.51- 5.61	0.01309
2	6.707	6.66- 6.76	0.05798
3	6.895	6.84- 6.94	0.02261
4	7.054	7.00- 7.10	0.01410
5	7.512	7.46- 7.56	0.01746
Aroclor-1248			
Peak	RT	RT WIN	Cal Factor
1	6.704	6.65- 6.75	0.04301
2	7.132	7.08- 7.18	0.02345
3	7.513	7.46- 7.56	0.02702
4	7.912	7.86- 7.96	0.03799

6G
8082 INITIAL CALIBRATION OF SINGLE POINT PCBs

Lab Name: ANALYTICAL RESOURCES, INC

Client: ANCHOR

ARI Job No.: IH28

Project: KC FORMER SCOTT MILL

GC Column: ZB35

Instrument ID: ECD5

Calibration Date: 07/20/05

Aroclor-1254			
Peak	RT	RT WIN	Cal Factor
1	8.186	8.14- 8.24	0.03340
2	8.661	8.61- 8.71	0.02564
3	8.794	8.74- 8.84	0.05016
4	9.484	9.43- 9.53	0.02909
Aroclor-1262			
Peak	RT	RT WIN	Cal Factor
1	10.147	10.10-10.20	0.09709
2	10.361	10.31-10.41	0.19409
3	10.868	10.82-10.92	0.12068
4	11.469	11.42-11.52	0.05879
Aroclor-1268			
Peak	RT	RT WIN	Cal Factor
1	10.809	10.76-10.86	0.19073
2	10.868	10.82-10.92	0.17428
3	11.208	11.16-11.26	0.14181
4	11.886	11.84-11.94	0.42924

Analytical Resources, Inc.

INITIAL CALIBRATION DATA

Start Cal Date : 20-JUL-2005 16:18
 End Cal Date : 20-JUL-2005 19:08
 Quant Method : ISTD
 Origin : Disabled
 Target Version : 3.50
 Integrator : HP Genie
 Method file : /chem2/ecd5.i/20050720.b/PCB1.m
 Cal Date : 21-Jul-2005 14:34 peter
 Curve Type : Average

BCTD 5 PCB CURVE 7/20/05

5 pts: .02 → 1.0

All Averaged

All < 20% RSD

Ⓢ New PS

Hexachlorobiphenyl

Calibration File Names:

Level 1: /chem2/ecd5.i/20050720.b/ical-1.b/0720B003.d
 Level 2: /chem2/ecd5.i/20050720.b/ical-1.b/0720B006.d
 Level 3: /chem2/ecd5.i/20050720.b/ical-1.b/0720B005.d
 Level 4: /chem2/ecd5.i/20050720.b/ical-1.b/0720B002.d
 Level 5: /chem2/ecd5.i/20050720.b/ical-1.b/0720B004.d
 Level 7: /chem2/ecd5.i/20050720.b/ical-1.b/0720B012.d

Compound	0.02000 Level 1	0.10000 Level 2	0.25000 Level 3	0.50000 Level 4	1.000 Level 5	0.50000 Level 7	RRF	% RSD
2 Aroclor-1221(1)	+++++	+++++	+++++	+++++	+++++	0.01051	0.01051	0.000
(2)	+++++	+++++	+++++	+++++	+++++	0.00555	0.00555	0.000
(3)	+++++	+++++	+++++	+++++	+++++	0.02615	0.02615	0.000
3 Aroclor-1242(1)	+++++	+++++	+++++	+++++	+++++	0.01593	0.01593	0.000
(2)	+++++	+++++	+++++	+++++	+++++	0.05599	0.05599	0.000
(3)	+++++	+++++	+++++	+++++	+++++	0.02651	0.02651	0.000
(4)	+++++	+++++	+++++	+++++	+++++	0.02519	0.02519	0.000
4 Aroclor-1232(1)	+++++	+++++	+++++	+++++	+++++	0.02088	0.02088	0.000
(2)	+++++	+++++	+++++	+++++	+++++	0.01451	0.01451	0.000
(3)	+++++	+++++	+++++	+++++	+++++	0.03126	0.03126	0.000
(4)	+++++	+++++	+++++	+++++	+++++	0.01387	0.01387	0.000
6 Aroclor-1248(1)	+++++	+++++	+++++	+++++	+++++	0.04394	0.04394	0.000
(2)	+++++	+++++	+++++	+++++	+++++	0.04024	0.04024	0.000
(3)	+++++	+++++	+++++	+++++	+++++	0.02338	0.02338	0.000
(4)	+++++	+++++	+++++	+++++	+++++	0.03785	0.03785	0.000
7 Aroclor-1016(1)	0.03221	0.03651	0.03750	0.03526	0.03541	+++++	0.03538	5.618
(2)	0.06878	0.07962	0.08177	0.07645	0.07683	+++++	0.07669	6.419
(3)	0.02978	0.03399	0.03502	0.03255	0.03389	+++++	0.03305	6.127
(4)	0.02796	0.03039	0.03136	0.03016	0.03190	+++++	0.03035	4.992
8 Aroclor-1254(1)	+++++	+++++	+++++	+++++	+++++	0.05742	0.05742	0.000
(2)	+++++	+++++	+++++	+++++	+++++	0.02845	0.02845	0.000

Analytical Resources, Inc.

INITIAL CALIBRATION DATA

Start Cal Date : 20-JUL-2005 16:18
 End Cal Date : 20-JUL-2005 19:08
 Quant Method : ISTD
 Origin : Disabled
 Target Version : 3.50
 Integrator : HP Genie
 Method file : /chem2/ecd5.i/20050720.b/PCB1.m
 Cal Date : 21-Jul-2005 14:34 peter
 Curve Type : Average

Compound	0.02000 Level 1	0.10000 Level 2	0.25000 Level 3	0.50000 Level 4	1.000 Level 5	0.50000 Level 7	RRF	% RSD
(3)	+++++	+++++	+++++	+++++	+++++	0.05830	0.05830	0.000
(4)	+++++	+++++	+++++	+++++	+++++	0.04640	0.04640	0.000
9 Aroclor-1260(1)	0.05777	0.07020	0.06995	0.06805	0.06716	+++++	0.06663	7.671
(2)	0.07059	0.07052	0.07181	0.07163	0.06906	+++++	0.07072	1.553
(3)	0.12619	0.15630	0.16166	0.15809	0.15337	+++++	0.15112	9.433
(4)	0.15313	0.11304	0.10887	0.10265	0.10218	+++++	0.11597	18.328
(5)	0.04241	0.03770	0.03759	0.03605	0.03645	+++++	0.03804	6.687
10 Aroclor-1262(1)	+++++	+++++	+++++	+++++	+++++	0.11627	0.11627	0.000
(2)	+++++	+++++	+++++	+++++	+++++	0.21868	0.21868	0.000
(3)	+++++	+++++	+++++	+++++	+++++	0.08939	0.08939	0.000
(4)	+++++	+++++	+++++	+++++	+++++	0.06039	0.06039	0.000
11 Aroclor-1268(1)	+++++	+++++	+++++	+++++	+++++	0.21356	0.21356	0.000
(2)	+++++	+++++	+++++	+++++	+++++	0.16974	0.16974	0.000
(3)	+++++	+++++	+++++	+++++	+++++	0.06320	0.06320	0.000
(4)	+++++	+++++	+++++	+++++	+++++	0.45389	0.45389	0.000
\$ 1 Tetrachloro-m-xylene	0.92824	1.16220	1.21588	1.16925	1.18446	+++++	1.13201	10.227
\$ 13 Decachlorobiphenyl	1.07241	1.27538	1.33104	1.31083	1.35081	+++++	1.26810	8.902

Analytical Resources, Inc.
 INITIAL CALIBRATION DATA

Start Cal Date : 20-JUL-2005 16:18
 End Cal Date : 20-JUL-2005 19:08
 Quant Method : ISTD
 Origin : Disabled
 Target Version : 3.50
 Integrator : HP Genie
 Method file : /chem2/ecd5.i/20050720.b/PCB2.m
 Cal Date : 21-Jul-2005 09:28 peter
 Curve Type : Average

Calibration File Names:
 Level 1: /chem2/ecd5.i/20050720.b/ical-2.b/0720B003.d
 Level 2: /chem2/ecd5.i/20050720.b/ical-2.b/0720B006.d
 Level 3: /chem2/ecd5.i/20050720.b/ical-2.b/0720B005.d
 Level 4: /chem2/ecd5.i/20050720.b/ical-2.b/0720B002.d
 Level 5: /chem2/ecd5.i/20050720.b/ical-2.b/0720B004.d
 Level 7: /chem2/ecd5.i/20050720.b/ical-2.b/0720B012.d

Compound	0.02000 Level 1	0.10000 Level 2	0.25000 Level 3	0.50000 Level 4	1.000 Level 5	0.50000 Level 7	RRF	% RSD
1 Aroclor-1221(1)	+++++	+++++	+++++	+++++	+++++	0.01140	0.01140	0.000
(2)	+++++	+++++	+++++	+++++	+++++	0.00683	0.00683	0.000
(3)	+++++	+++++	+++++	+++++	+++++	0.02267	0.02267	0.000
4 Aroclor-1232(1)	+++++	+++++	+++++	+++++	+++++	0.01839	0.01839	0.000
(2)	+++++	+++++	+++++	+++++	+++++	0.01707	0.01707	0.000
(3)	+++++	+++++	+++++	+++++	+++++	0.03163	0.03163	0.000
(4)	+++++	+++++	+++++	+++++	+++++	0.00734	0.00734	0.000
6 Aroclor-1248(1)	+++++	+++++	+++++	+++++	+++++	0.04301	0.04301	0.000
(2)	+++++	+++++	+++++	+++++	+++++	0.02345	0.02345	0.000
(3)	+++++	+++++	+++++	+++++	+++++	0.02702	0.02702	0.000
(4)	+++++	+++++	+++++	+++++	+++++	0.03799	0.03799	0.000
3 Aroclor-1242(1)	+++++	+++++	+++++	+++++	+++++	0.01309	0.01309	0.000
(2)	+++++	+++++	+++++	+++++	+++++	0.05798	0.05798	0.000
(3)	+++++	+++++	+++++	+++++	+++++	0.02261	0.02261	0.000
(4)	+++++	+++++	+++++	+++++	+++++	0.01410	0.01410	0.000
(5)	+++++	+++++	+++++	+++++	+++++	0.01746	0.01746	0.000
7 Aroclor-1016(1)	0.03527	0.03786	0.03732	0.03470	0.03505	+++++	0.03604	4.010
(2)	0.07742	0.07734	0.07733	0.07208	0.07446	+++++	0.07572	3.161
(3)	0.02832	0.02905	0.02891	0.02771	0.02880	+++++	0.02856	1.925
(4)	0.01704	0.02090	0.02100	0.02005	0.02097	+++++	0.01999	8.481
8 Aroclor-1254(1)	+++++	+++++	+++++	+++++	+++++	0.03340	0.03340	0.000

Analytical Resources, Inc.

INITIAL CALIBRATION DATA

Start Cal Date : 20-JUL-2005 16:18
 End Cal Date : 20-JUL-2005 19:08
 Quant Method : ISTD
 Origin : Disabled
 Target Version : 3.50
 Integrator : HP Genie
 Method file : /chem2/ecd5.i/20050720.b/PCB2.m
 Cal Date : 21-Jul-2005 09:28 peter
 Curve Type : Average

Compound	0.02000 Level 1	0.10000 Level 2	0.25000 Level 3	0.50000 Level 4	1.000 Level 5	0.50000 Level 7	RRF	% RSD
(2)	+++++	+++++	+++++	+++++	+++++	0.02564	0.02564	0.000
(3)	+++++	+++++	+++++	+++++	+++++	0.05016	0.05016	0.000
(4)	+++++	+++++	+++++	+++++	+++++	0.02909	0.02909	0.000
9 Aroclor-1260(1)	0.04960	0.05678	0.05464	0.05382	0.05541	+++++	0.05405	5.023
(2)	0.05764	0.06551	0.06726	0.06356	0.06663	+++++	0.06412	6.060
(3)	0.11581	0.12947	0.13463	0.13280	0.13855	+++++	0.13025	6.690
(4)	0.03278	0.03461	0.03497	0.03292	0.03446	+++++	0.03395	3.003
(5)	0.07077	0.08413	0.08626	0.08235	0.08640	+++++	0.08198	7.911
10 Aroclor-1262(1)	+++++	+++++	+++++	+++++	+++++	0.09709	0.09709	0.000
(2)	+++++	+++++	+++++	+++++	+++++	0.19409	0.19409	0.000
(3)	+++++	+++++	+++++	+++++	+++++	0.12068	0.12068	0.000
(4)	+++++	+++++	+++++	+++++	+++++	0.05879	0.05879	0.000
11 Aroclor-1268(1)	+++++	+++++	+++++	+++++	+++++	0.19073	0.19073	0.000
(2)	+++++	+++++	+++++	+++++	+++++	0.17428	0.17428	0.000
(3)	+++++	+++++	+++++	+++++	+++++	0.14181	0.14181	0.000
(4)	+++++	+++++	+++++	+++++	+++++	0.42924	0.42924	0.000
\$ 2 Tetrachloro-m-xylene	0.92312	1.11946	1.14807	1.11335	1.14529	+++++	1.08986	8.667
\$ 13 Decachlorobiphenyl	1.19778	1.20376	1.21599	1.18817	1.24179	+++++	1.20950	1.709

Analytical Resources Inc.
Dual Column PCB Quantitation Report

Data file 1: 20050720.b/ical-1.b/0720B001.d
Data file 2: 20050720.b/ical-2.b/0720B001.d
Method: /chem2/ecd5.i/20050720.b/PCB1.m
Compound Sublist: PCB
Instrument, Inj. Vol.: ecd5.i, 3ul
Quant Method: Internal Std

ARI ID: IB
Client ID:
Injection Date: 20-JUL-2005 16:01
Report Date: 07/21/2005 09:42
Matrix: NONE
Dilution Factor: 1.000

CLP Col			ZB35 Col			CLP	ZB35	RPD	Compound/Flag
RT	Shift	Response	RT	Shift	Response	on col	on col		
3.546	0.014	33949819	4.724	-0.004	6085759	0.0186	0.0180	3.1	Tetrachloro-m-xylene
10.312	0.006	36062057	12.277	0.002	5490330	0.0375	0.0365	2.9	Decachlorobiphenyl

- * Indicates RPD > 40%
- M Indicates Column 1 peak was manually integrated
- N Indicates Column 2 peak was manually integrated

SURROGATE PERCENT RECOVERY

SURROGATE	Col1	Col2
Tetrachloro-m-xylene	46.4	45.0
Decachlorobiphenyl	93.8	91.2

INTERNAL STANDARD SUMMARY

Column 1			
Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	125791287	129199467	2.7
Hexabromobiphenyl	62776174	60627707	-3.4
Column 2			
Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	23643829	24814304	5.0
Hexabromobiphenyl	10484374	9959189	-5.0

- * Standard Areas taken from Initial Cal Level 4
Initial Calibration Date: 20-JUL-2005
- <- Indicates standard response outside Limits (-50 to +100%)

CLP Col						ZB35 Col					
Aroclor	Peak#	RT	Shift	Area	Amount	Peak#	RT	Shift	Area	Amount	
=====											
Aroclor-1016	1	---			0.000	1	---			0.000	
Aroclor-1016	2	---			0.000	2	---			0.000	
Aroclor-1016	3	---			0.000	3	---			0.000	
Aroclor-1016	4	---			0.000	4	---			0.000	
					CollAve: <3 Quant Peaks						Col2Ave: <3 Quant Peaks
Aroclor-1221	1	---			0.000	1	---			0.000	
Aroclor-1221	2	---			0.000	2	---			0.000	
Aroclor-1221	3	---			0.000	3	---			0.000	
					CollAve: <3 Quant Peaks						Col2Ave: <3 Quant Peaks
Aroclor-1232	1	---			0.000	1	---			0.000	
Aroclor-1232	2	---			0.000	2	---			0.000	
Aroclor-1232	3	---			0.000	3	---			0.000	
Aroclor-1232	4	---			0.000	4	---			0.000	
					CollAve: <3 Quant Peaks						Col2Ave: <3 Quant Peaks
Aroclor-1242	1	---			0.000	1	---			0.000	
Aroclor-1242	2	---			0.000	2	---			0.000	
Aroclor-1242	3	---			0.000	3	---			0.000	
Aroclor-1242	4	---			0.000	4	---			0.000	
Aroclor-1242	NS	---			----	5	---			0.000	
					CollAve: <3 Quant Peaks						Col2Ave: <3 Quant Peaks
Aroclor-1248	1	---			0.000	1	---			0.000	
Aroclor-1248	2	---			0.000	2	---			0.000	
Aroclor-1248	3	---			0.000	3	---			0.000	
Aroclor-1248	4	---			0.000	4	---			0.000	
					CollAve: <3 Quant Peaks						Col2Ave: <3 Quant Peaks
Aroclor-1254	1	---			0.000	1	---			0.000	
Aroclor-1254	2	---			0.000	2	---			0.000	
Aroclor-1254	3	---			0.000	3	---			0.000	
Aroclor-1254	4	---			0.000	4	---			0.000	
					CollAve: <3 Quant Peaks						Col2Ave: <3 Quant Peaks
Aroclor-1260	1	---			0.000	1	---			0.000	
Aroclor-1260	2	---			0.000	2	---			0.000	
Aroclor-1260	3	---			0.000	3	---			0.000	
Aroclor-1260	4	---			0.000	4	---			0.000	
Aroclor-1260	5	---			0.000	5	---			0.000	
					CollAve: <3 Quant Peaks						Col2Ave: <3 Quant Peaks
Aroclor-1262	1	---			0.000	1	---			0.000	
Aroclor-1262	2	---			0.000	2	---			0.000	
Aroclor-1262	3	---			0.000	3	---			0.000	
Aroclor-1262	4	---			0.000	4	---			0.000	
					CollAve: <3 Quant Peaks						Col2Ave: <3 Quant Peaks
Aroclor-1268	1	---			0.000	1	---			0.000	
Aroclor-1268	2	---			0.000	2	---			0.000	
Aroclor-1268	3	---			0.000	3	---			0.000	
Aroclor-1268	4	---			0.000	4	---			0.000	
					CollAve: <3 Quant Peaks						Col2Ave: <3 Quant Peaks

Total PCB Area Col1 (3.632 - 10.391) = 38331110

Col1 Total PCB = 0.0 ppm*

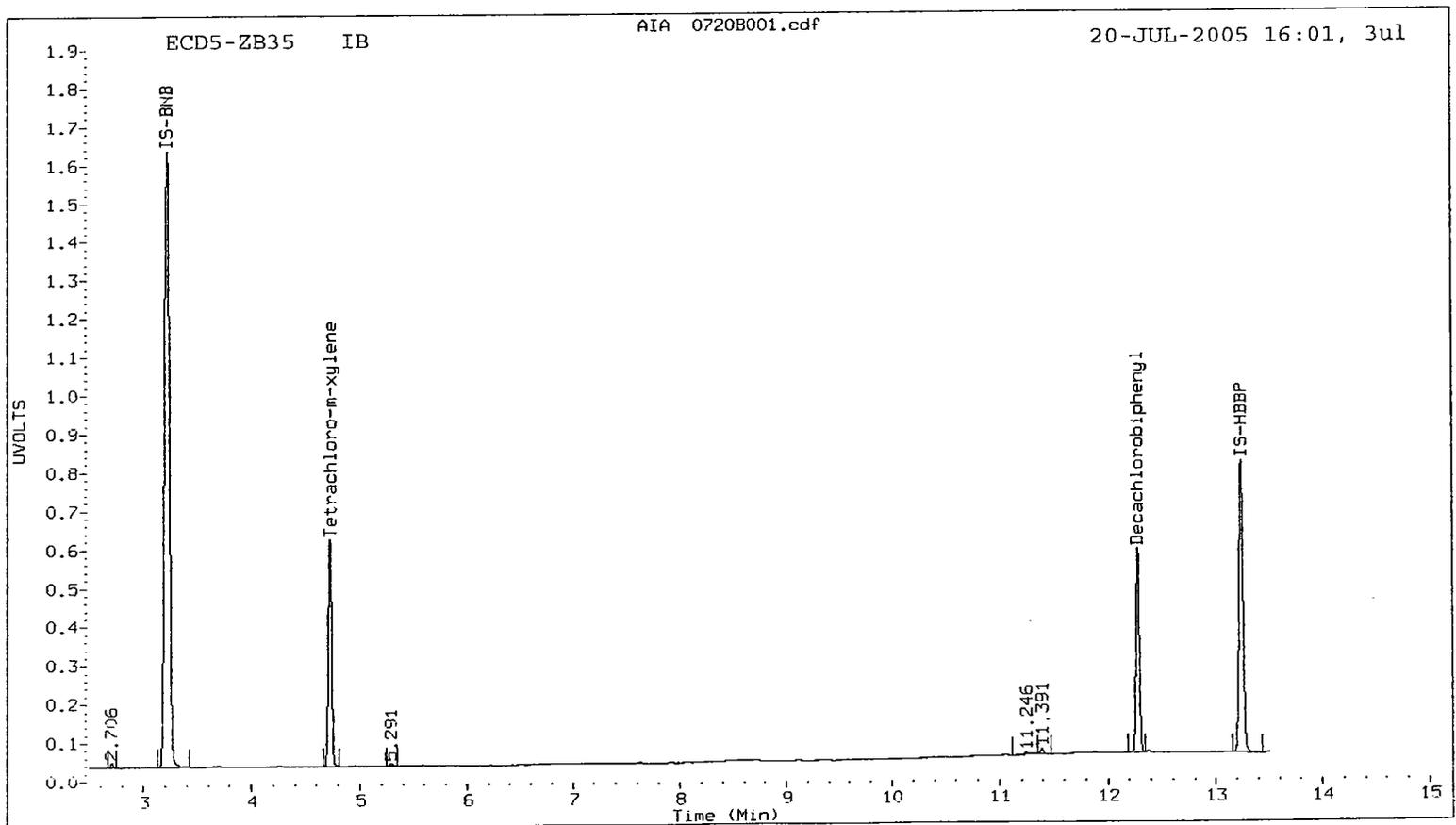
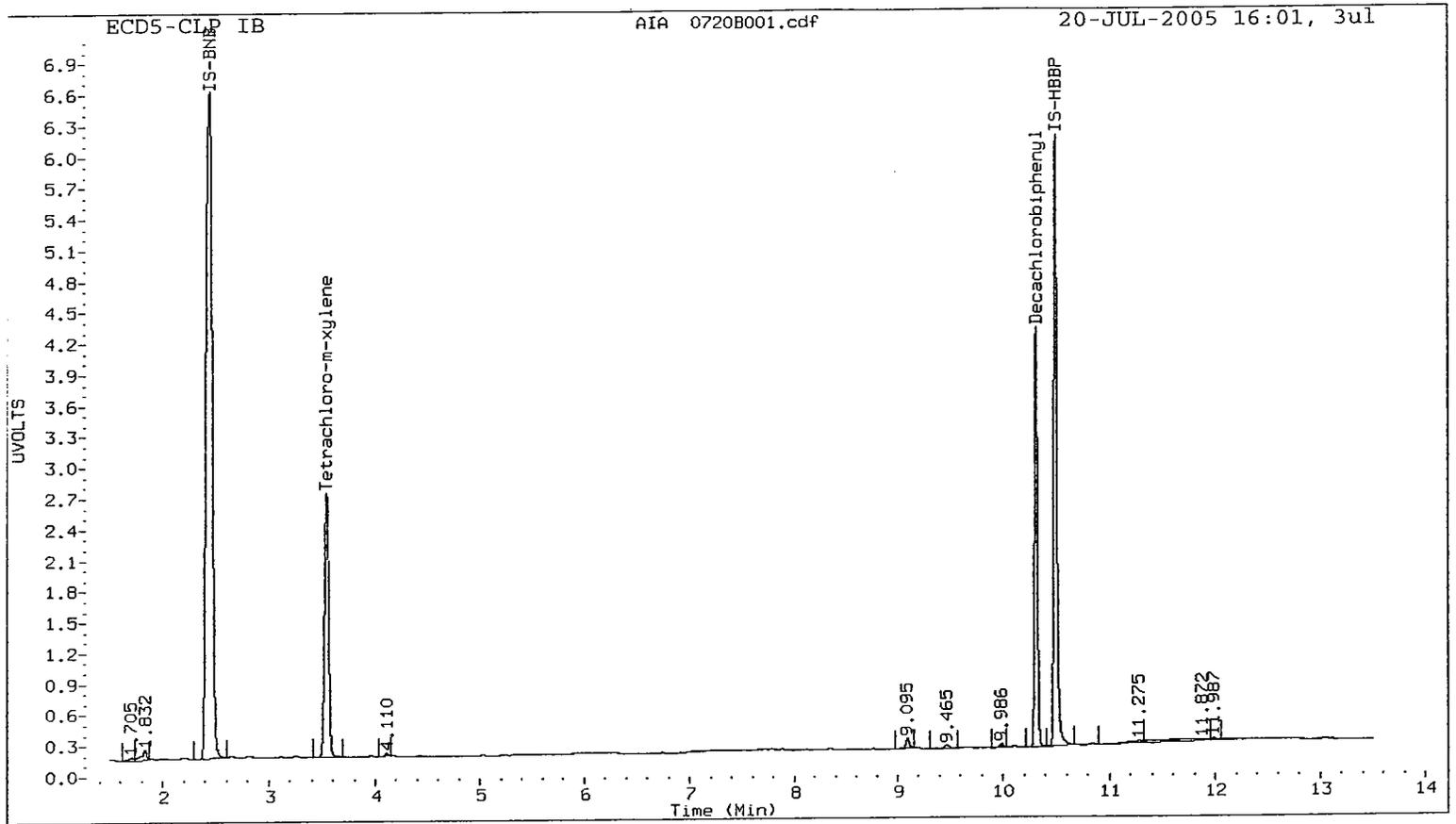
Total PCB Area Col2 (4.829 - 10.391) = 65770

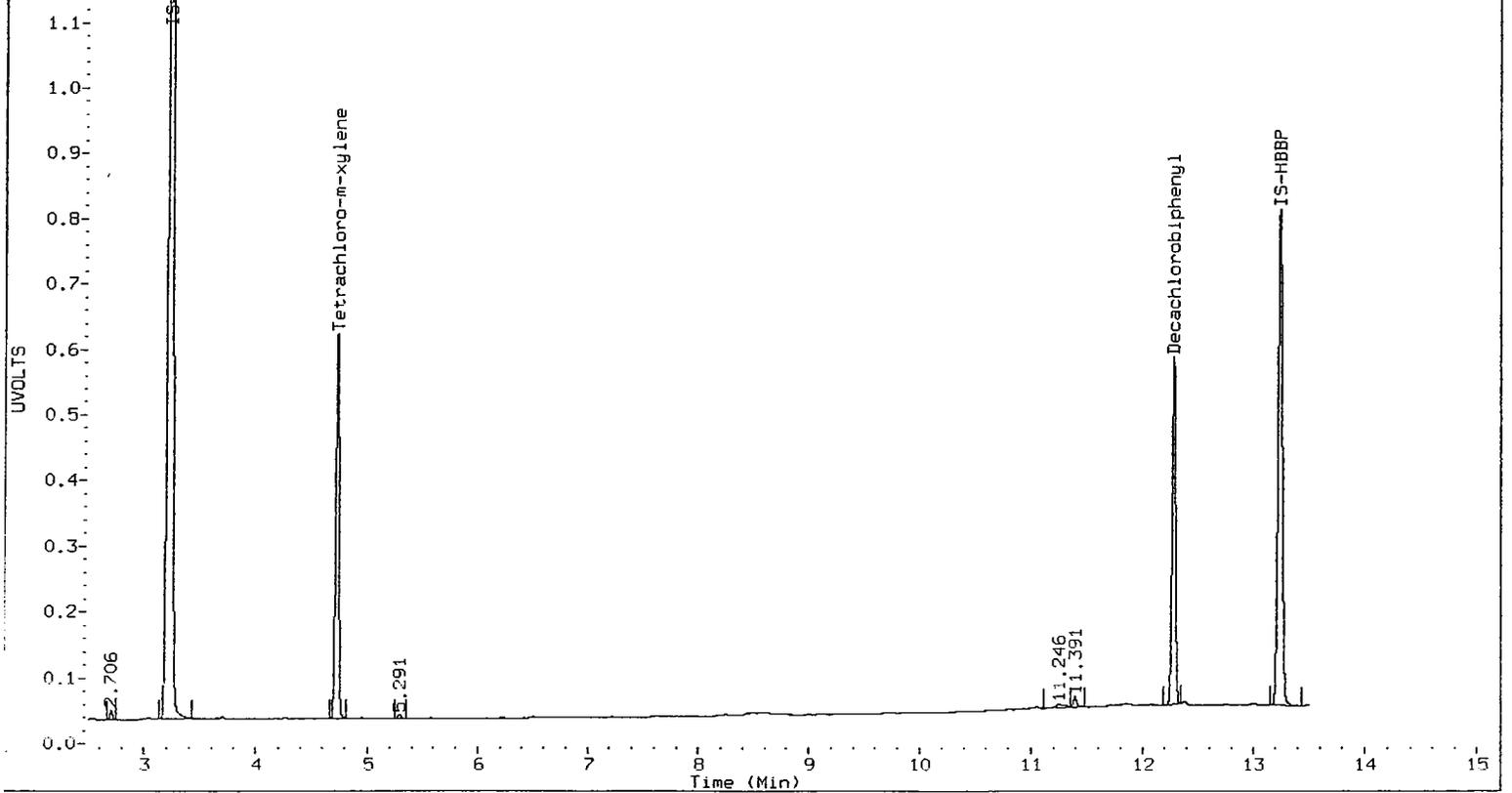
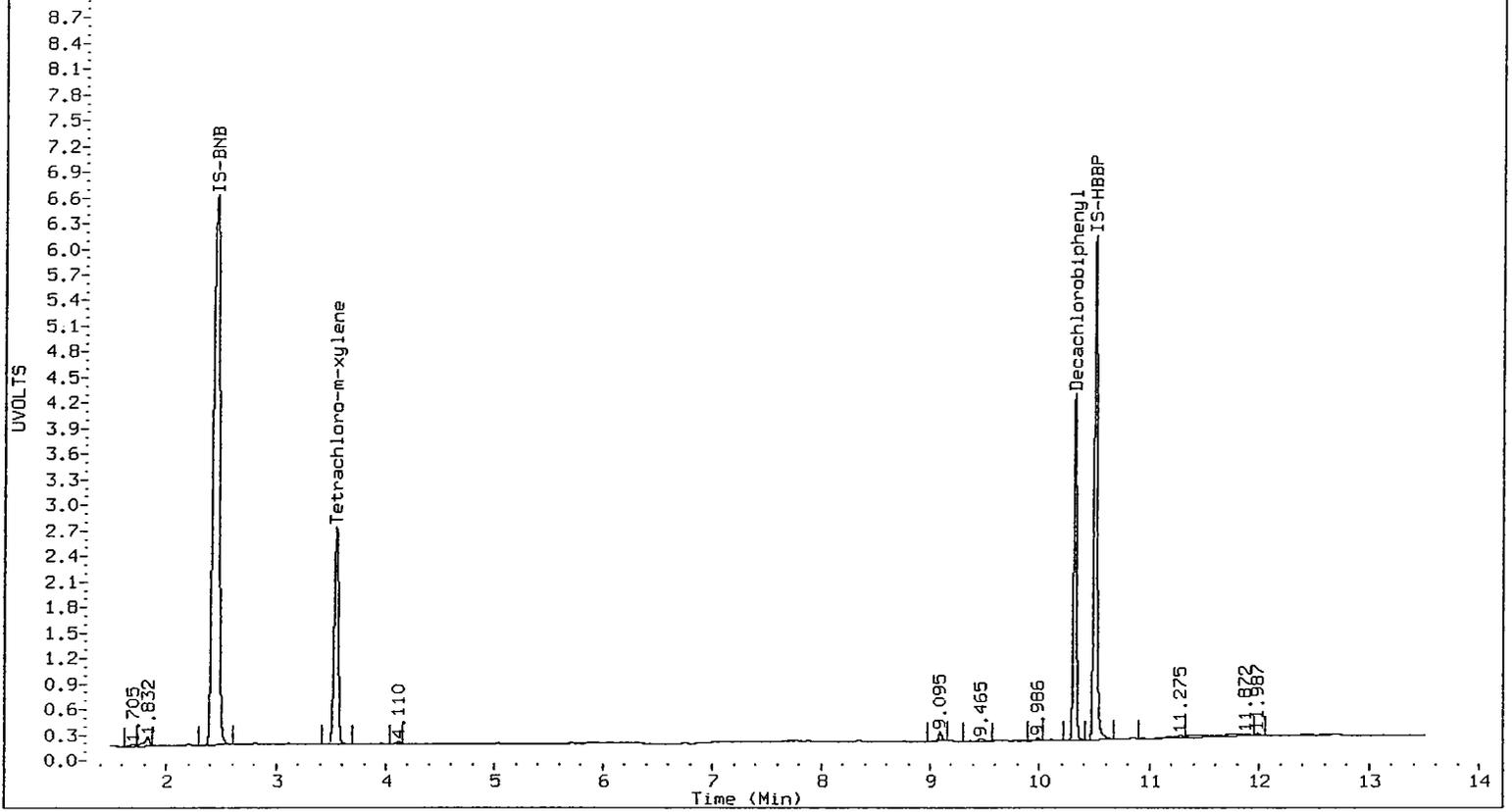
Col2 Total PCB = 0.0 ppm*

* Quantitated against AR1660 0.5ppm in Ical

PCB-Form 10 Mod.

000678





Analytical Resources Inc.
Dual Column PCB Quantitation Report

Data file 1: 20050720.b/ical-1.b/0720B002.d
Data file 2: 20050720.b/ical-2.b/0720B002.d
Method: /chem2/ecd5.i/20050720.b/PCB1.m
Compound Sublist: AR1660
Instrument, Inj. Vol.: ecd5.i, 3ul
Quant Method: Internal Std

ARI ID: AR1660 0.5
Client ID:
Injection Date: 20-JUL-2005 16:18
Report Date: 07/21/2005 09:42
Matrix: NONE
Dilution Factor: 1.000

RT	CLP Col Shift Response	ZB35 Col Shift Response	RT	CLP on col	ZB35 on col	RPD	Compound/Flag
3.533	0.001 73540662	4.723 -0.005 13161927	4.723	0.0413	0.0409	1.1	Tetrachloro-m-xylene
10.307	0.000 41144557	12.276 0.000 6228605	12.276	0.0413	0.0393	5.1	Decachlorobiphenyl

- * Indicates RPD > 40%
- M Indicates Column 1 peak was manually integrated
- N Indicates Column 2 peak was manually integrated

SURROGATE PERCENT RECOVERY

SURROGATE	Col1	Col2
Tetrachloro-m-xylene	103.3	102.2
Decachlorobiphenyl	103.4	98.2

INTERNAL STANDARD SUMMARY

Standard Cpnd	Column 1		%D
	Standard Area*	Sample Area	
Bromo-Nitrobenzene	125791287	125791287	0.0
Hexabromobiphenyl	62776174	62776174	0.0

Standard Cpnd	Column 2		%D
	Standard Area*	Sample Area	
Bromo-Nitrobenzene	23643829	23643829	0.0
Hexabromobiphenyl	10484374	10484374	0.0

- * Standard Areas taken from Initial Cal Level 4
Initial Calibration Date: 20-JUL-2005
- <- Indicates standard response outside Limits (-50 to +100%)

Aroclor	Peak#	CLP Col				ZB35 Col				
		RT	Shift	Area	Amount	Peak#	RT	Shift	Area	Amount
Aroclor-1016	1	4.564	0.001	27723565	0.498	1	6.146	-0.001	5127023	0.481
Aroclor-1016	2	5.185	0.001	60102328	0.498	2	6.704	-0.001	10651461	0.476
Aroclor-1016	3	5.355	0.000	25588881	0.492	3	6.892	-0.001	4094545	0.485
Aroclor-1016	4	5.871	0.000	23710011	0.497	4	7.511	0.000	2962145	0.501
Total Col1Ave (4 peaks): 0.497					Total Col2Ave (4 peaks): 0.486					RPD = 2
Corrected Ave (4 peaks): 0.497					Corrected Ave (4 peaks): 0.486					RPD = 2
Aroclor-1260	1	8.115	0.000	26700165	0.511	1	9.747	-0.001	3526872	0.498
Aroclor-1260	2	8.398	-0.001	28104777	0.506	2	10.147	-0.001	4164867	0.496
Aroclor-1260	3	8.753	0.000	62025296	0.523	3	10.361	-0.001	8702153	0.510
Aroclor-1260	4	9.077	-0.002	40276154	0.443	4	10.811	-0.001	2157366	0.485
Aroclor-1260	5	9.161	-0.001	14144202	0.474	5	10.866	-0.001	5396496	0.502
Total Col1Ave (5 peaks): 0.491					Total Col2Ave (5 peaks): 0.498					RPD = 1
Corrected Ave (5 peaks): 0.491					Corrected Ave (5 peaks): 0.498					RPD = 1

Total PCB Area Col1 (3.632 - 10.391) = 825374705

Col1 Total PCB = 1.0 ppm*

Total PCB Area Col2 (4.829 - 10.391) = 109672297

Col2 Total PCB = 1.0 ppm*

* Quantitated against AR1660 0.5ppm in Ical

Analytical Resources Inc.
Dual Column PCB Quantitation Report

Data file 1: 20050720.b/ical-1.b/0720B003.d
Data file 2: 20050720.b/ical-2.b/0720B003.d
Method: /chem2/ecd5.i/20050720.b/PCB1.m
Compound Sublist: AR1660
Instrument, Inj. Vol.: ecd5.i, 3ul
Quant Method: Internal Std

ARI ID: AR1660 .02
Client ID:
Injection Date: 20-JUL-2005 16:35
Report Date: 07/21/2005 09:42
Matrix: NONE
Dilution Factor: 1.000

RT	CLP Col Shift Response	ZB35 Col Shift Response	RT	ZB35 Col Shift Response	CLP on col	ZB35 on col	RPD	Compound/Flag	
3.526	-0.005	2511005	4.721	-0.008	470998	0.0013	0.0014	3.2	Tetrachloro-m-xylene
10.307	0.000	1564448	12.275	0.000	285148	0.0014	0.0016	15.8	Decachlorobiphenyl

- * Indicates RPD > 40%
- M Indicates Column 1 peak was manually integrated
- N Indicates Column 2 peak was manually integrated

SURROGATE PERCENT RECOVERY

SURROGATE	Col1	Col2
Tetrachloro-m-xylene	3.3	3.4
Decachlorobiphenyl	3.4	4.0

INTERNAL STANDARD SUMMARY

Standard Cpnd	Column 1		%D
	Standard Area*	Sample Area	
Bromo-Nitrobenzene	125791287	135256330	7.5
Hexabromobiphenyl	62776174	72940841	16.2

Standard Cpnd	Column 2		%D
	Standard Area*	Sample Area	
Bromo-Nitrobenzene	23643829	25511106	7.9
Hexabromobiphenyl	10484374	11903147	13.5

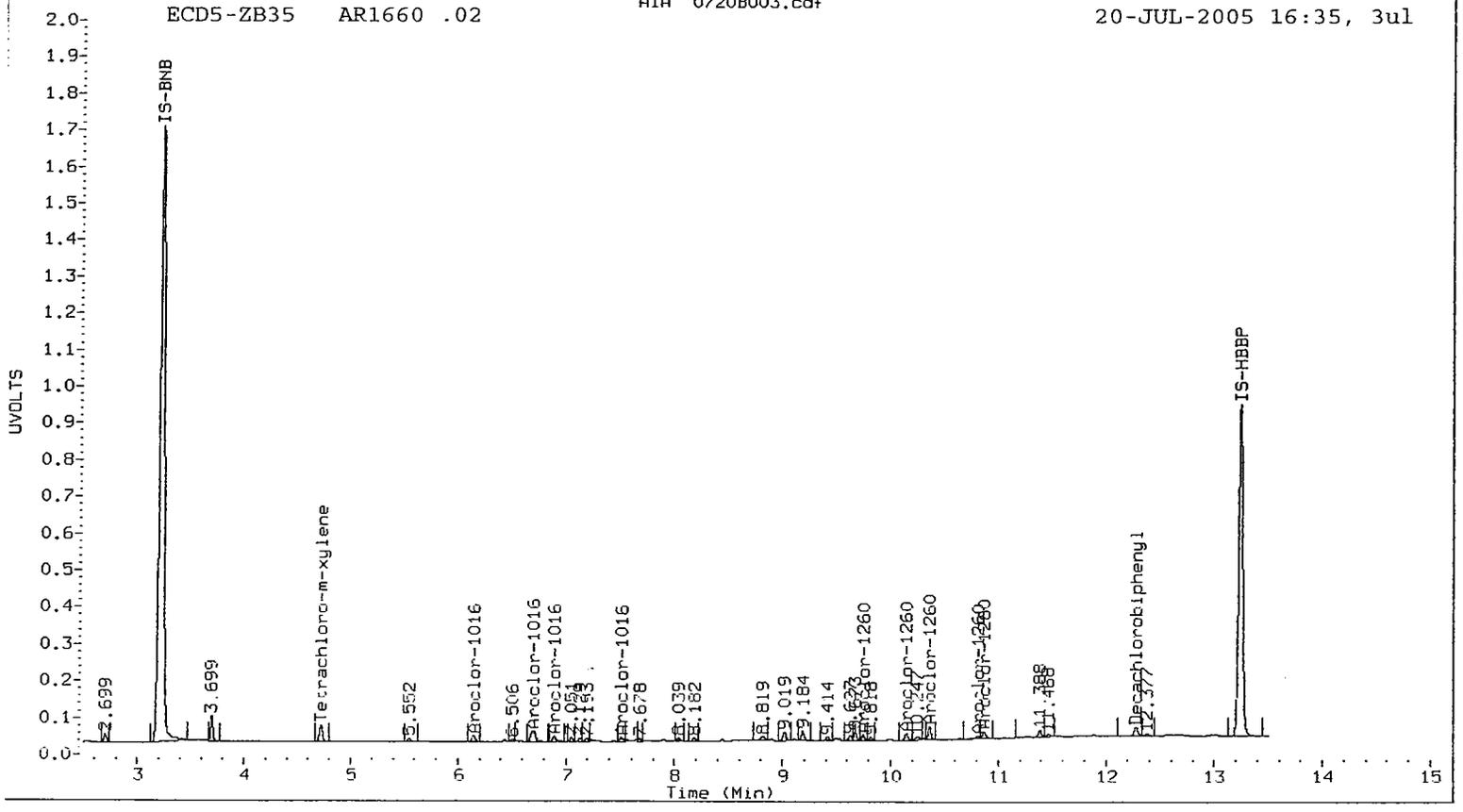
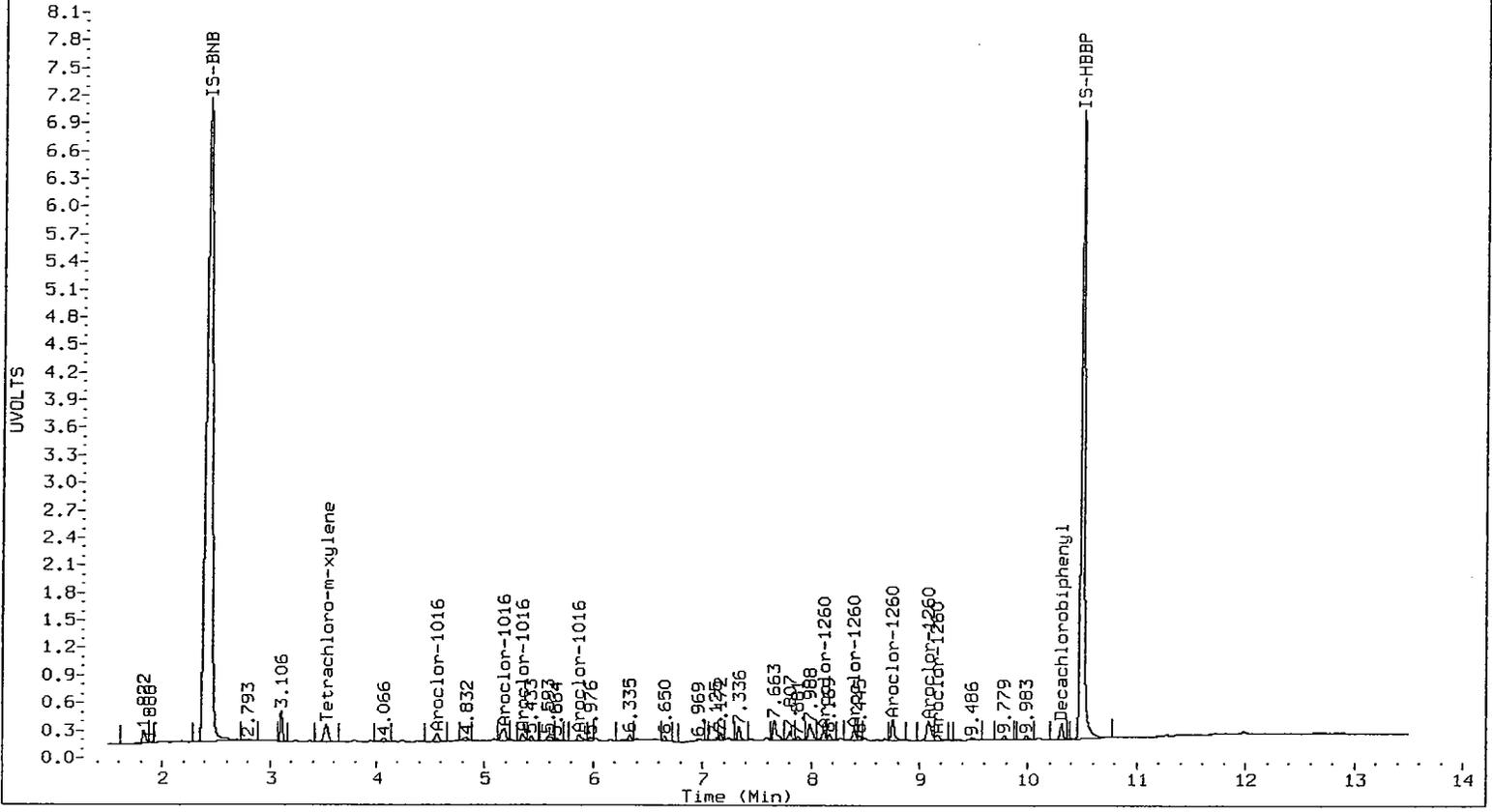
- * Standard Areas taken from Initial Cal Level 4
Initial Calibration Date: 20-JUL-2005
- <- Indicates standard response outside Limits (-50 to +100%)

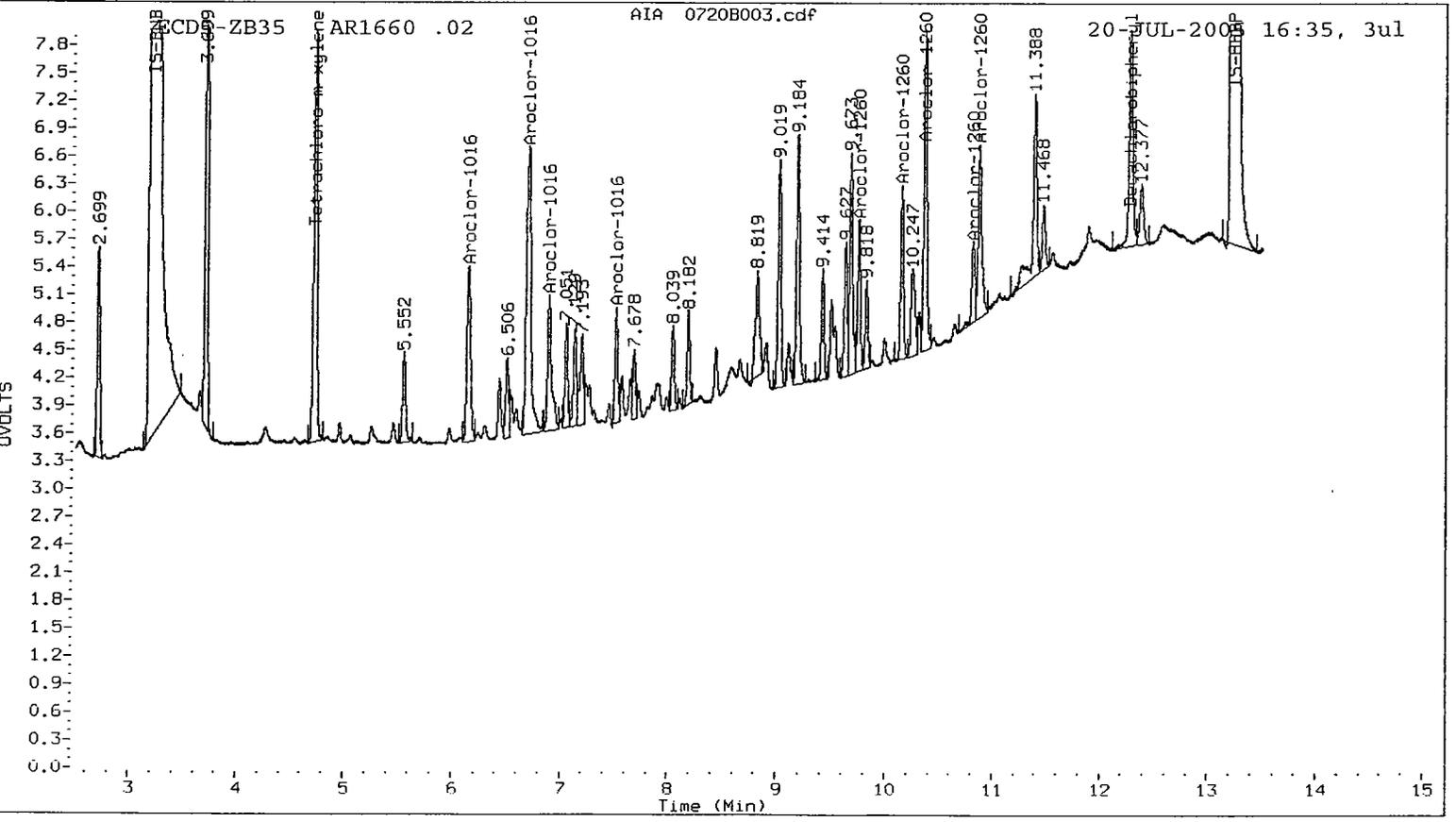
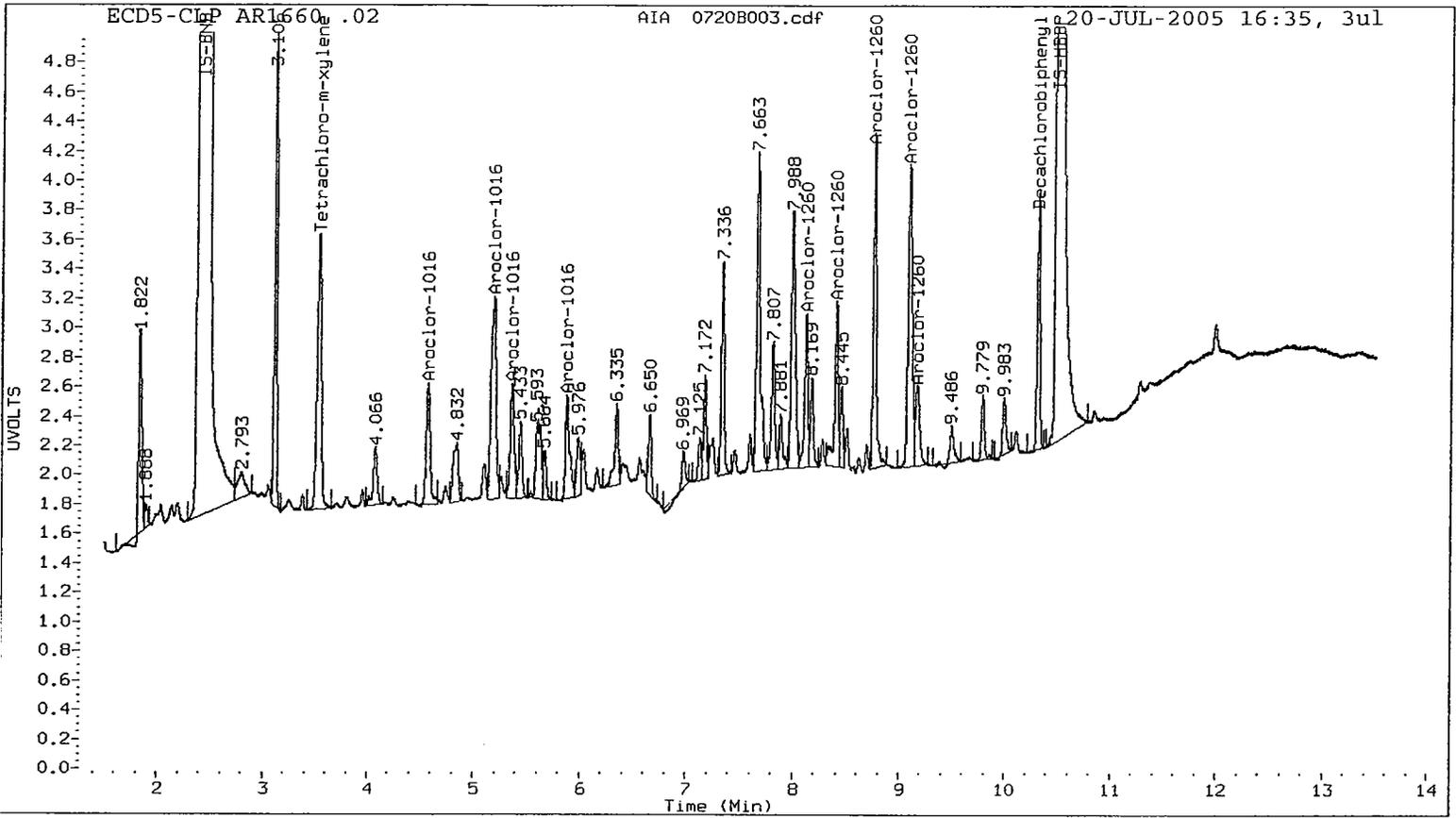
CLP Col						ZB35 Col					
Aroclor	Peak#	RT	Shift	Area	Amount	Peak#	RT	Shift	Area	Amount	
Aroclor-1016	1	4.560	-0.002	1089293	0.018	1	6.145	-0.001	224927	0.020	
Aroclor-1016	2	5.179	-0.004	2325877	0.018	2	6.705	0.000	493752	0.020	
Aroclor-1016	3	5.353	-0.002	1007133	0.018	3	6.892	-0.002	180618	0.020	
Aroclor-1016	4	5.869	-0.002	945341	0.018	4	7.511	-0.001	108698	0.017	
Total Col1Ave (4 peaks):					0.018	Total Col2Ave (4 peaks):					0.019
Corrected Ave (4 peaks):					0.018	Corrected Ave (4 peaks):					0.019
										RPD = 6	
										RPD = 6	
Aroclor-1260	1	8.114	-0.001	1053513	0.017	1	9.749	0.001	147609	0.018	
Aroclor-1260	2	8.397	-0.001	1287282	0.020	2	10.147	-0.002	171522	0.018	
Aroclor-1260	3	8.753	0.000	2301189	0.017	3	10.362	0.001	344622	0.018	
Aroclor-1260	4	9.084	0.005	2792294	0.026	4	10.810	-0.002	97535	0.019	
Aroclor-1260	5	9.163	0.001	773284	0.022	5	10.866	0.000	210596	0.017	
Total Col1Ave (5 peaks):					0.021	Total Col2Ave (5 peaks):					0.018
Corrected Ave (5 peaks):					0.021	Corrected Ave (5 peaks):					0.018
										RPD = 12	
										RPD = 12	

Total PCB Area Col1 (3.632 - 10.391) = 30801176 Col1 Total PCB = 0.0 ppm*

Total PCB Area Col2 (4.829 - 10.391) = 3731664 Col2 Total PCB = 0.0 ppm*

* Quantitated against AR1660 0.5ppm in Ical





Analytical Resources Inc.
Dual Column PCB Quantitation Report

Data file 1: 20050720.b/ical-1.b/0720B004.d
Data file 2: 20050720.b/ical-2.b/0720B004.d
Method: /chem2/ecd5.i/20050720.b/PCB1.m
Compound Sublist: AR1660
Instrument, Inj. Vol.: ecd5.i, 3ul
Quant Method: Internal Std

ARI ID: AR1660 1.0
Client ID:
Injection Date: 20-JUL-2005 16:52
Report Date: 07/21/2005 09:42
Matrix: NONE
Dilution Factor: 1.000

RT	CLP Col Shift Response	ZB35 Col Shift Response	CLP on col	ZB35 on col	RPD	Compound/Flag
3.531	-0.001 137129837	4.723 -0.006 25422077	0.0837	0.0841	0.4	Tetrachloro-m-xylene
10.306	-0.001 85168722	12.275 -0.001 12598791	0.0852	0.0821	3.7	Decachlorobiphenyl

- * Indicates RPD > 40%
- M Indicates Column 1 peak was manually integrated
- N Indicates Column 2 peak was manually integrated

SURROGATE PERCENT RECOVERY

SURROGATE	Col1	Col2
Tetrachloro-m-xylene	209.3	210.2
Decachlorobiphenyl	213.0	205.3

INTERNAL STANDARD SUMMARY

Standard Cpnd	Column 1		
	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	125791287	115773829	-8.0
Hexabromobiphenyl	62776174	63049981	0.4

Standard Cpnd	Column 2		
	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	23643829	22197126	-6.1
Hexabromobiphenyl	10484374	10145677	-3.2

- * Standard Areas taken from Initial Cal Level 4
Initial Calibration Date: 20-JUL-2005
- <- Indicates standard response outside Limits (-50 to +100%)

CLP Col					ZB35 Col					
Aroclor	Peak#	RT	Shift	Area	Amount	Peak#	RT	Shift	Area	Amount
Aroclor-1016	1	4.562	-0.001	51246173	1.001	1	6.146	0.000	9724764	0.973
Aroclor-1016	2	5.183	-0.001	111185907	1.002	2	6.704	-0.002	20660084	0.983
Aroclor-1016	3	5.353	-0.002	49045381	1.026	3	6.891	-0.002	7991145	1.008
Aroclor-1016	4	5.870	-0.001	46161926	1.051	4	7.510	-0.001	5819223	1.049
Total Col1Ave (4 peaks): 1.020					Total Col2Ave (4 peaks): 1.003					RPD = 2
Corrected Ave (4 peaks): 1.020					Corrected Ave (4 peaks): 1.003					RPD = 2
Aroclor-1260	1	8.113	-0.002	52927109	1.008	1	9.747	-0.001	7026849	1.025
Aroclor-1260	2	8.396	-0.002	54429923	0.977	2	10.147	-0.001	8449494	1.039
Aroclor-1260	3	8.751	-0.002	120873072	1.015	3	10.361	-0.001	17571030	1.064
Aroclor-1260	4	9.075	-0.004	80527104	0.881	4	10.811	-0.002	4370057	1.015
Aroclor-1260	5	9.160	-0.002	28724654	0.958	5	10.866	0.000	10957330	1.054
Total Col1Ave (5 peaks): 0.968					Total Col2Ave (5 peaks): 1.039					RPD = 7
Corrected Ave (5 peaks): 0.968					Corrected Ave (5 peaks): 1.039					RPD = 7

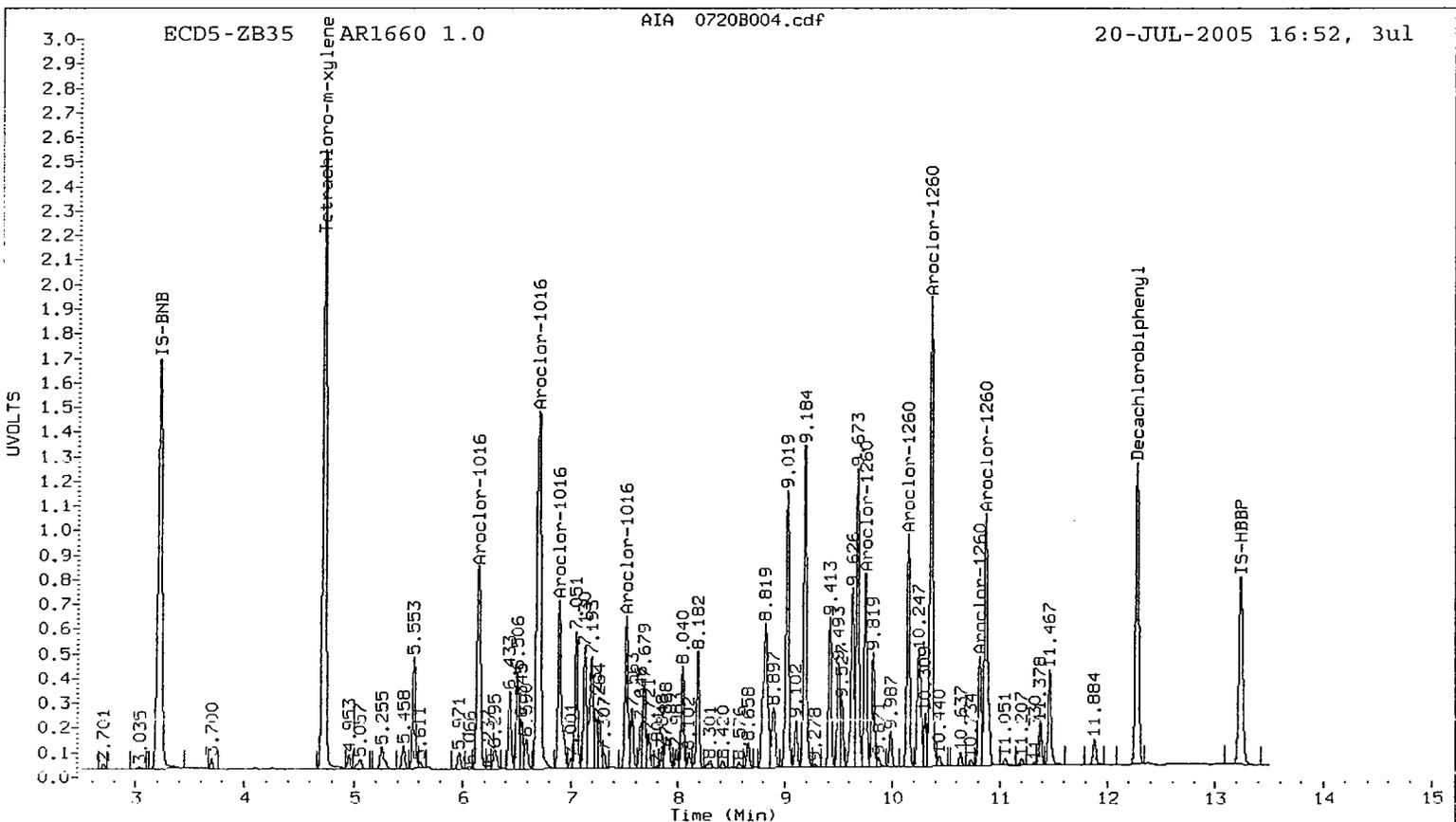
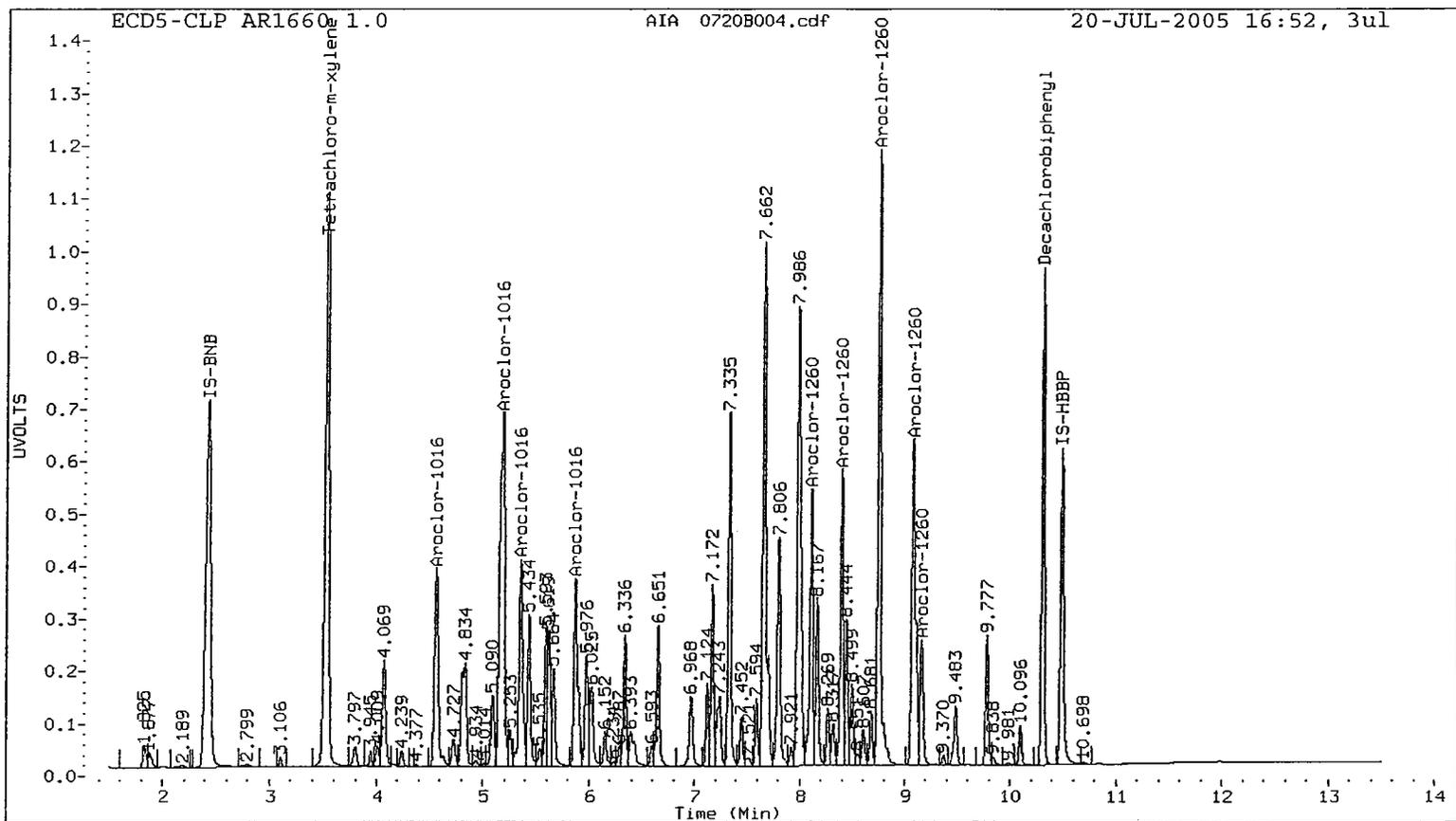
Total PCB Area Col1 (3.632 - 10.391) = 1609561371

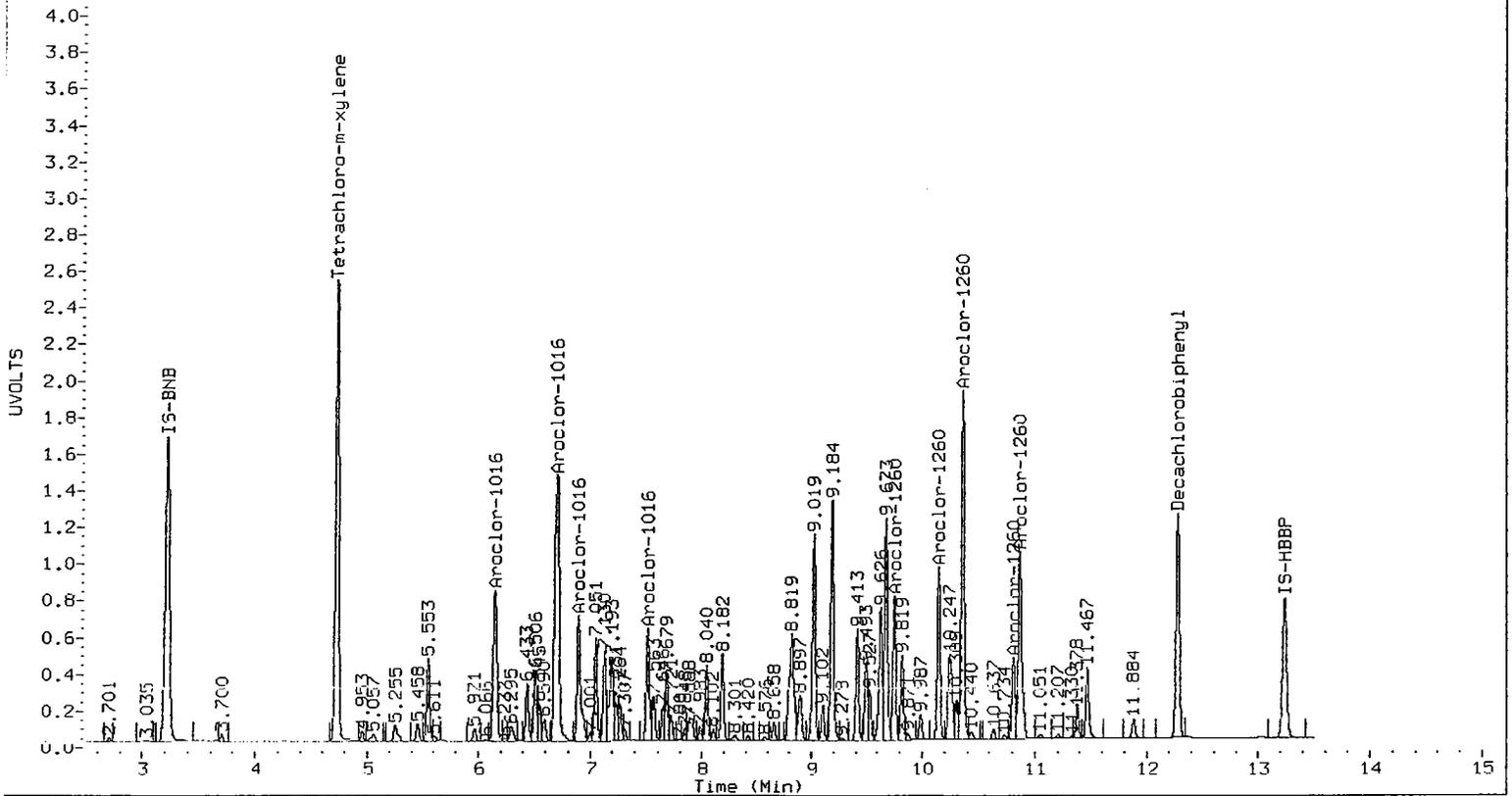
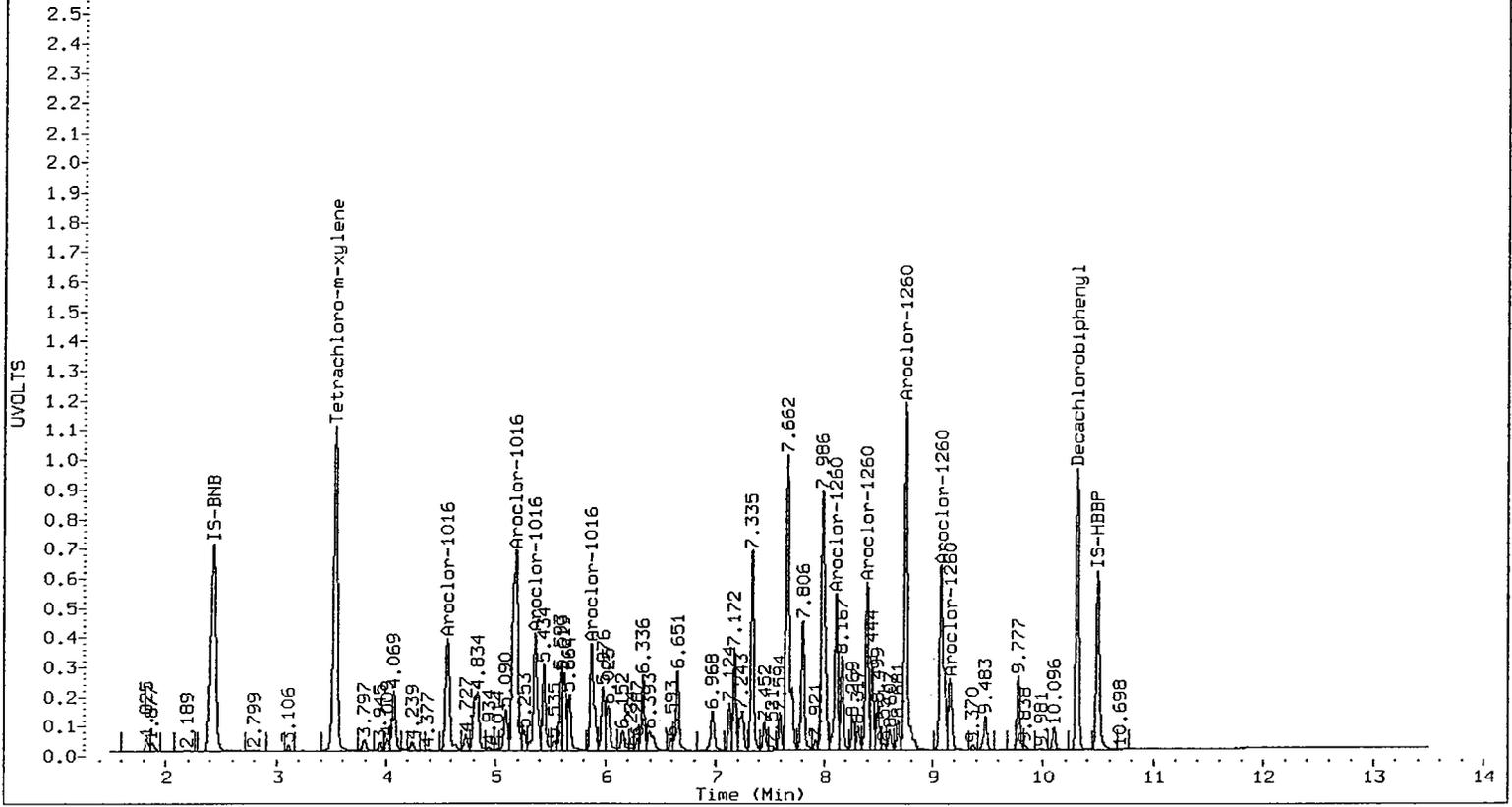
Col1 Total PCB = 2.0 ppm*

Total PCB Area Col2 (4.829 - 10.391) = 217591875

Col2 Total PCB = 2.0 ppm*

* Quantitated against AR1660 0.5ppm in Ical





Analytical Resources Inc.
Dual Column PCB Quantitation Report

Data file 1: 20050720.b/ical-1.b/0720B005.d
Data file 2: 20050720.b/ical-2.b/0720B005.d
Method: /chem2/ecd5.i/20050720.b/PCB1.m
Compound Sublist: AR1660
Instrument, Inj. Vol.: ecd5.i, 3ul
Quant Method: Internal Std

ARI ID: AR1660 .25
Client ID:
Injection Date: 20-JUL-2005 17:09
Report Date: 07/21/2005 09:42
Matrix: NONE
Dilution Factor: 1.000

RT	CLP Col Shift Response	ZB35 Col Shift Response	CLP on col	ZB35 on col	RPD	Compound/Flag
3.530	-0.002 36067136	4.722 -0.007 6459046	0.0215	0.0211	1.9	Tetrachloro-m-xylene
10.306	-0.001 21502344	12.274 -0.001 3115321	0.0210	0.0201	4.3	Decachlorobiphenyl

- * Indicates RPD > 40%
- M Indicates Column 1 peak was manually integrated
- N Indicates Column 2 peak was manually integrated

SURROGATE PERCENT RECOVERY

SURROGATE	Col1	Col2
Tetrachloro-m-xylene	53.7	52.7
Decachlorobiphenyl	52.5	50.3

INTERNAL STANDARD SUMMARY

Standard Cpnd	Column 1		
	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	125791287	118653403	-5.7
Hexabromobiphenyl	62776174	64618136	2.9

Standard Cpnd	Column 2		
	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	23643829	22504065	-4.8
Hexabromobiphenyl	10484374	10247842	-2.3

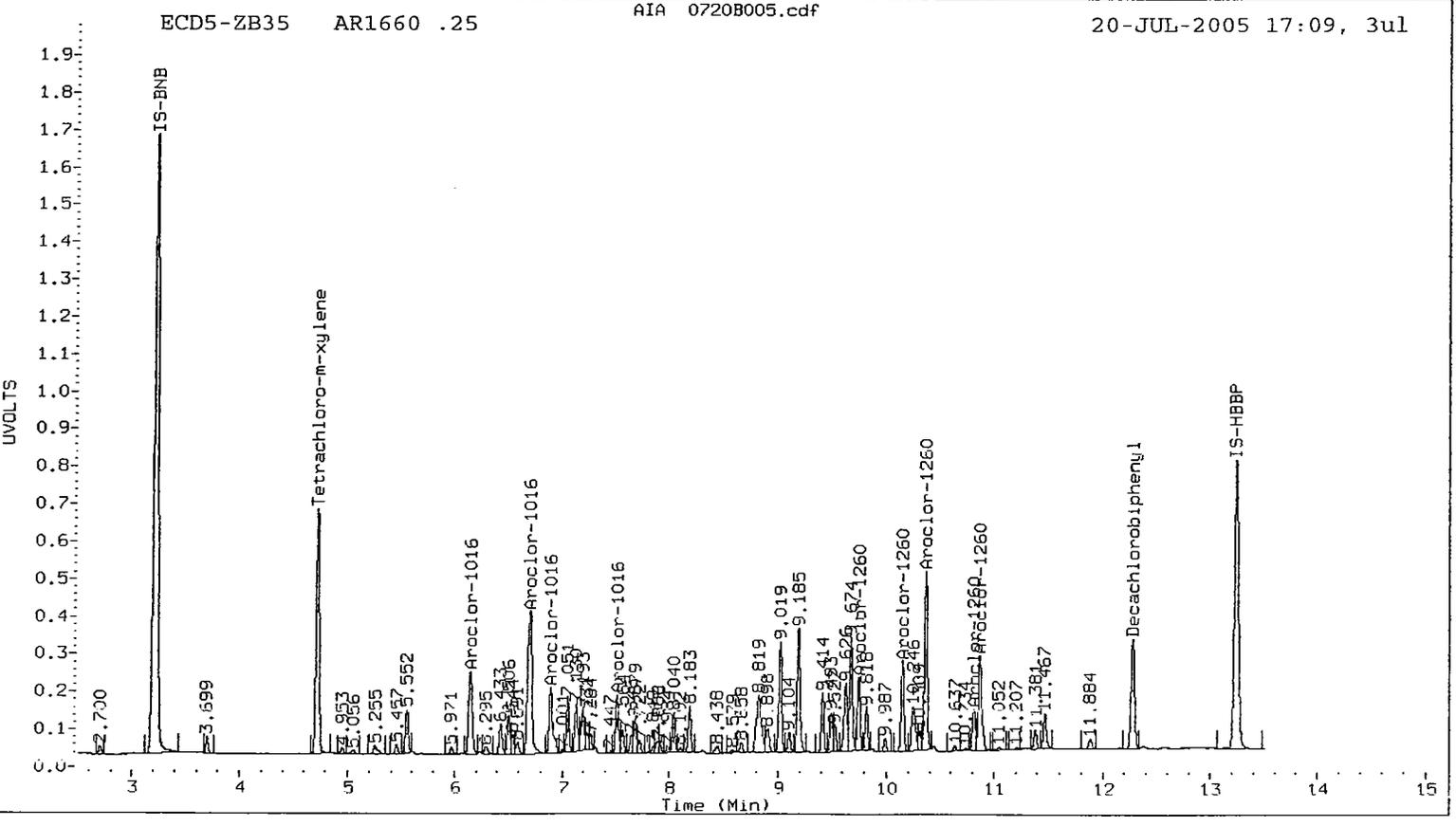
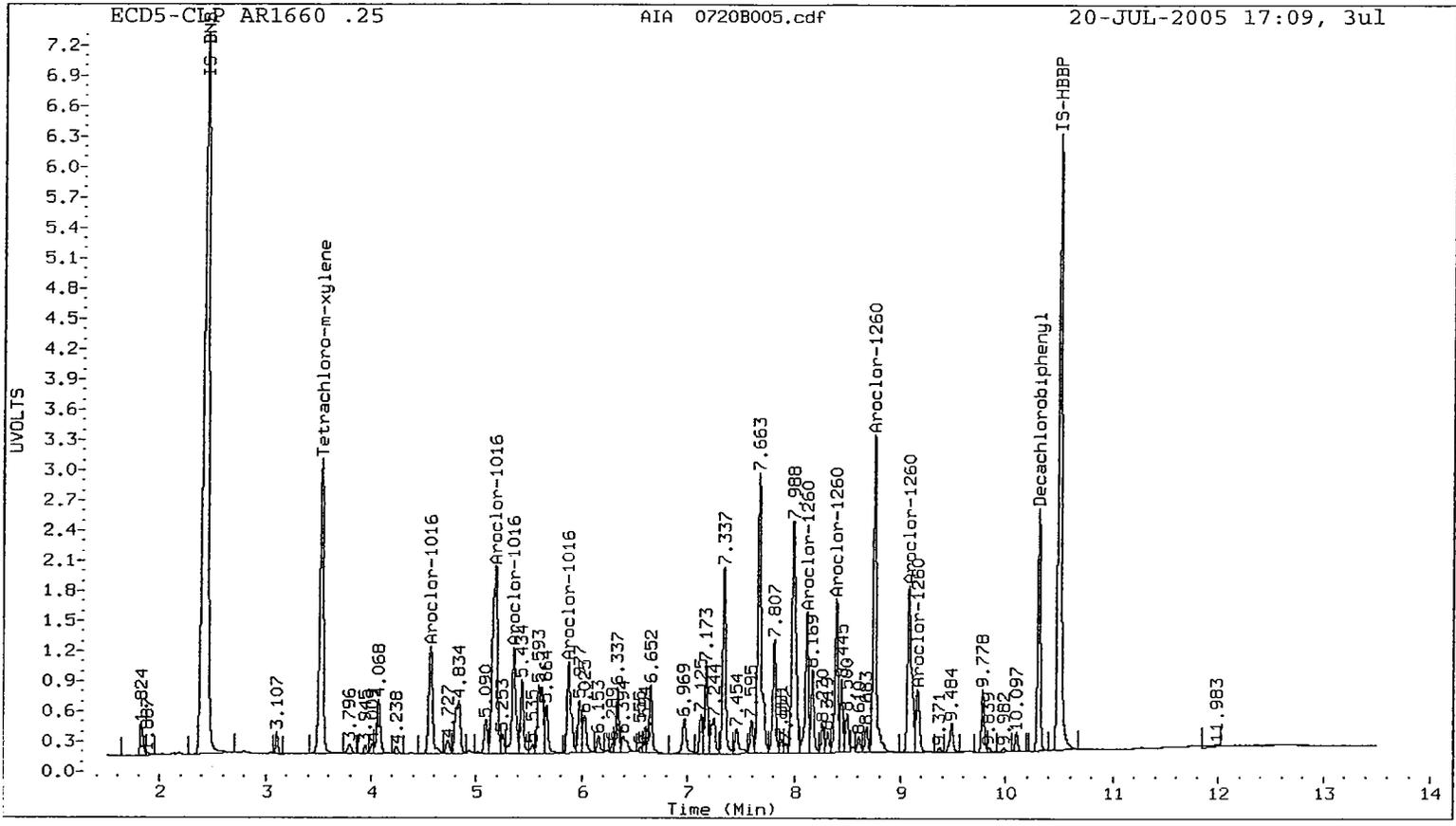
- * Standard Areas taken from Initial Cal Level 4
Initial Calibration Date: 20-JUL-2005
- <- Indicates standard response outside Limits (-50 to +100%)

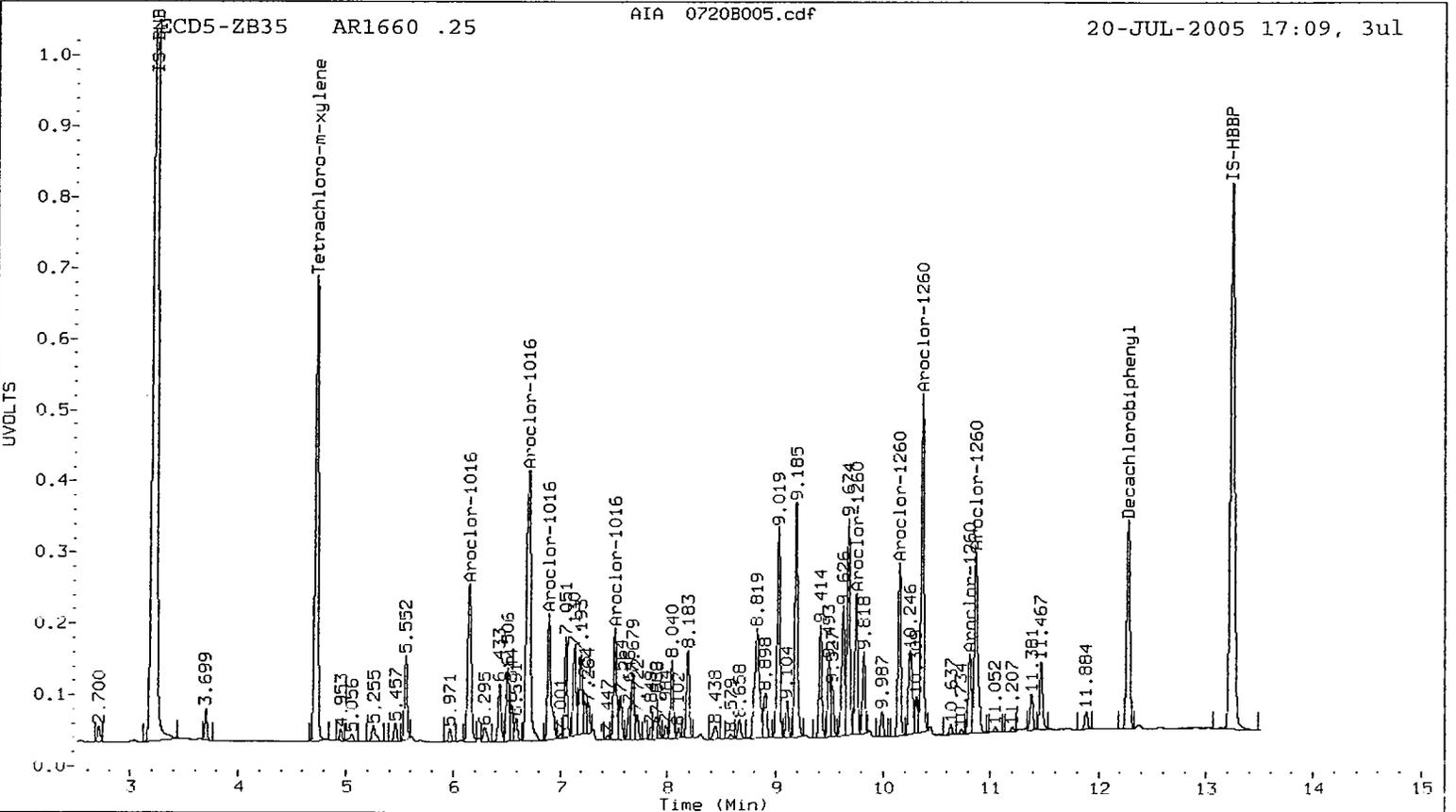
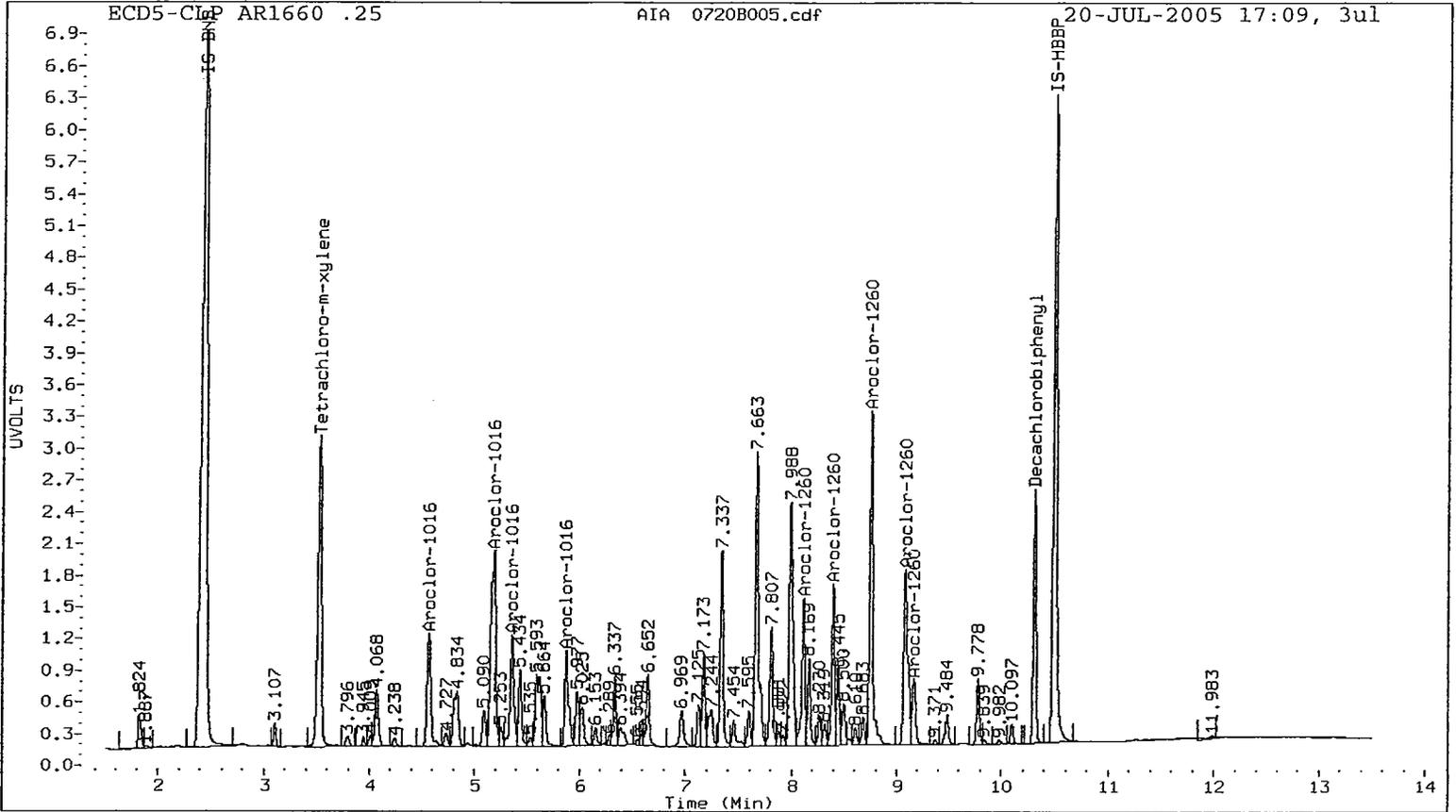
CLP Col					ZB35 Col					
Aroclor	Peak#	RT	Shift	Area	Amount	Peak#	RT	Shift	Area	Amount
Aroclor-1016	1	4.561	-0.001	13903521	0.265	1	6.145	-0.001	2624888	0.259
Aroclor-1016	2	5.183	-0.001	30319449	0.267	2	6.704	-0.002	5437914	0.255
Aroclor-1016	3	5.353	-0.001	12985457	0.265	3	6.892	-0.001	2033227	0.253
Aroclor-1016	4	5.870	-0.001	11628410	0.258	4	7.510	-0.001	1477017	0.263
Total Col1Ave (4 peaks): 0.264					Total Col2Ave (4 peaks): 0.257					RPD = 2
Corrected Ave (4 peaks): 0.264					Corrected Ave (4 peaks): 0.257					RPD = 2
Aroclor-1260	1	8.114	-0.001	14125106	0.262	1	9.747	-0.001	1749702	0.253
Aroclor-1260	2	8.397	-0.001	14500709	0.254	2	10.147	-0.001	2153982	0.262
Aroclor-1260	3	8.753	-0.001	32645227	0.267	3	10.361	0.000	4311313	0.258
Aroclor-1260	4	9.078	-0.002	21984115	0.235	4	10.812	-0.001	1119753	0.258
Aroclor-1260	5	9.162	0.000	7590763	0.247	5	10.866	0.000	2762436	0.263
Total Col1Ave (5 peaks): 0.253					Total Col2Ave (5 peaks): 0.259					RPD = 2
Corrected Ave (5 peaks): 0.253					Corrected Ave (5 peaks): 0.259					RPD = 2

Total PCB Area Col1 (3.632 - 10.391) = 426703104 Col1 Total PCB = 0.5 ppm*

Total PCB Area Col2 (4.829 - 10.391) = 54721576 Col2 Total PCB = 0.5 ppm*

* Quantitated against AR1660 0.5ppm in Ical





Analytical Resources Inc.
Dual Column PCB Quantitation Report

Data file 1: 20050720.b/ical-1.b/0720B006.d
Data file 2: 20050720.b/ical-2.b/0720B006.d
Method: /chem2/ecd5.i/20050720.b/PCB1.m
Compound Sublist: AR1660
Instrument, Inj. Vol.: ecd5.i, 3ul
Quant Method: Internal Std

ARI ID: AR1660 0.1
Client ID:
Injection Date: 20-JUL-2005 17:26
Report Date: 07/21/2005 09:42
Matrix: NONE
Dilution Factor: 1.000

RT	CLP Col Shift Response	ZB35 Col Shift Response	CLP on col	ZB35 on col	RPD	Compound/Flag
3.532	0.000 14413086	4.724 -0.005 2636973	0.0082	0.0082	0.0	Tetrachloro-m-xylene
10.307	0.000 8712943	12.275 0.000 1283137	0.0080	0.0080	1.0	Decachlorobiphenyl

- * Indicates RPD > 40%
- M Indicates Column 1 peak was manually integrated
- N Indicates Column 2 peak was manually integrated

SURROGATE PERCENT RECOVERY

SURROGATE	Col1	Col2
Tetrachloro-m-xylene	20.5	20.5
Decachlorobiphenyl	20.1	19.9

INTERNAL STANDARD SUMMARY

Standard Cpnd	Column 1		%D
	Standard Area*	Sample Area	
Bromo-Nitrobenzene	125791287	124015268	-1.4
Hexabromobiphenyl	62776174	68316179	8.8

Standard Cpnd	Column 2		%D
	Standard Area*	Sample Area	
Bromo-Nitrobenzene	23643829	23555728	-0.4
Hexabromobiphenyl	10484374	10659443	1.7

- * Standard Areas taken from Initial Cal Level 4
- Initial Calibration Date: 20-JUL-2005
- <- Indicates standard response outside Limits (-50 to +100%)

CLP Col					ZB35 Col					
Aroclor	Peak#	RT	Shift	Area	Amount	Peak#	RT	Shift	Area	Amount
Aroclor-1016	1	4.562	0.000	5660301	0.103	1	6.146	0.000	1114804	0.105
Aroclor-1016	2	5.184	0.000	12341879	0.104	2	6.706	0.000	2277166	0.102
Aroclor-1016	3	5.355	0.000	5269805	0.103	3	6.894	0.000	855477	0.102
Aroclor-1016	4	5.871	0.000	4710904	0.100	4	7.512	0.000	615262	0.105
Total Col1Ave (4 peaks): 0.103					Total Col2Ave (4 peaks): 0.103					RPD = 1
Corrected Ave (4 peaks): 0.103					Corrected Ave (4 peaks): 0.103					RPD = 1

Aroclor-1260	1	8.115	0.000	5994617	0.105	1	9.748	0.000	756602	0.105
Aroclor-1260	2	8.398	0.000	6021776	0.100	2	10.148	0.000	872856	0.102
Aroclor-1260	3	8.753	0.000	13347619	0.103	3	10.361	0.000	1725050	0.099
Aroclor-1260	4	9.080	0.000	9653138	0.097	4	10.812	0.000	461158	0.102
Aroclor-1260	5	9.162	0.000	3219196	0.099	5	10.867	0.000	1120920	0.103
Total Col1Ave (5 peaks): 0.101					Total Col2Ave (5 peaks): 0.102					RPD = 1
Corrected Ave (5 peaks): 0.101					Corrected Ave (5 peaks): 0.102					RPD = 1

Total PCB Area Col1 (3.632 - 10.391) = 179864320 Col1 Total PCB = 0.2 ppm*

Total PCB Area Col2 (4.829 - 10.391) = 22850867 Col2 Total PCB = 0.2 ppm*

* Quantitated against AR1660 0.5ppm in Ical

Analytical Resources Inc.
Dual Column PCB Quantitation Report

Data file 1: 20050720.b/ical-1.b/0720B007.d
Data file 2: 20050720.b/ical-2.b/0720B007.d
Method: /chem2/ecd5.i/20050720.b/PCB1.m
Compound Sublist: AR1660
Instrument, Inj. Vol.: ecd5.i, 3ul
Quant Method: Internal Std

ARI ID: ICV
Client ID:
Injection Date: 20-JUL-2005 17:43
Report Date: 07/21/2005 09:42
Matrix: NONE
Dilution Factor: 1.000

RT	CLP Col Shift	Response	RT	ZB35 Col Shift	Response	CLP on col	ZB35 on col	RPD	Compound/Flag
3.512	-0.020	1445928	----			0.0007	0.0000	---	Tetrachloro-m-xylene
10.307	0.000	475185	12.275	0.000	146235	0.0004	0.0008	69.3*	Decachlorobiphenyl A B

* Indicates RPD > 40%
M Indicates Column 1 peak was manually integrated
N Indicates Column 2 peak was manually integrated

SURROGATE PERCENT RECOVERY

SURROGATE	Col1	Col2
Tetrachloro-m-xylene	1.7	0.0
Decachlorobiphenyl	1.0	2.0

INTERNAL STANDARD SUMMARY

Standard Cpnd	Column 1		%D
	Standard Area*	Sample Area	
Bromo-Nitrobenzene	125791287	146514454	16.5
Hexabromobiphenyl	62776174	78779708	25.5

Standard Cpnd	Column 2		%D
	Standard Area*	Sample Area	
Bromo-Nitrobenzene	23643829	28431235	20.2
Hexabromobiphenyl	10484374	12338238	17.7

* Standard Areas taken from Initial Cal Level 4
Initial Calibration Date: 20-JUL-2005
<- Indicates standard response outside Limits (-50 to +100%)

CLP Col						ZB35 Col					
Aroclor	Peak#	RT	Shift	Area	Amount	Peak#	RT	Shift	Area	Amount	
Aroclor-1016	1	4.571	0.008	33073461	0.510	1	6.149	0.003	6280328	0.490	
Aroclor-1016	2	5.189	0.005	71054434	0.506	2	6.707	0.001	13052345	0.485	
Aroclor-1016	3	5.360	0.005	30486401	0.504	3	6.896	0.002	5042430	0.497	
Aroclor-1016	4	5.875	0.003	27984772	0.503	4	7.513	0.001	3499588	0.493	
Total Col1Ave (4 peaks):					0.506	Total Col2Ave (4 peaks):					0.491 RPD = 3
Corrected Ave (4 peaks):					0.506	Corrected Ave (4 peaks):					0.491 RPD = 3
Aroclor-1260	1	8.115	0.000	34001964	0.518	1	9.747	-0.001	4398419	0.528	
Aroclor-1260	2	8.398	-0.001	34966342	0.502	2	10.147	-0.001	5276893	0.534	
Aroclor-1260	3	8.753	-0.001	79306215	0.533	3	10.361	0.000	10918378	0.544	
Aroclor-1260	4	9.077	-0.003	54158312	0.474	4	10.811	-0.002	2762791	0.528	
Aroclor-1260	5	9.161	-0.001	19350551	0.517	5	10.867	0.000	6869176	0.543	
Total Col1Ave (5 peaks):					0.509	Total Col2Ave (5 peaks):					0.535 RPD = 5
Corrected Ave (5 peaks):					0.509	Corrected Ave (5 peaks):					0.535 RPD = 5

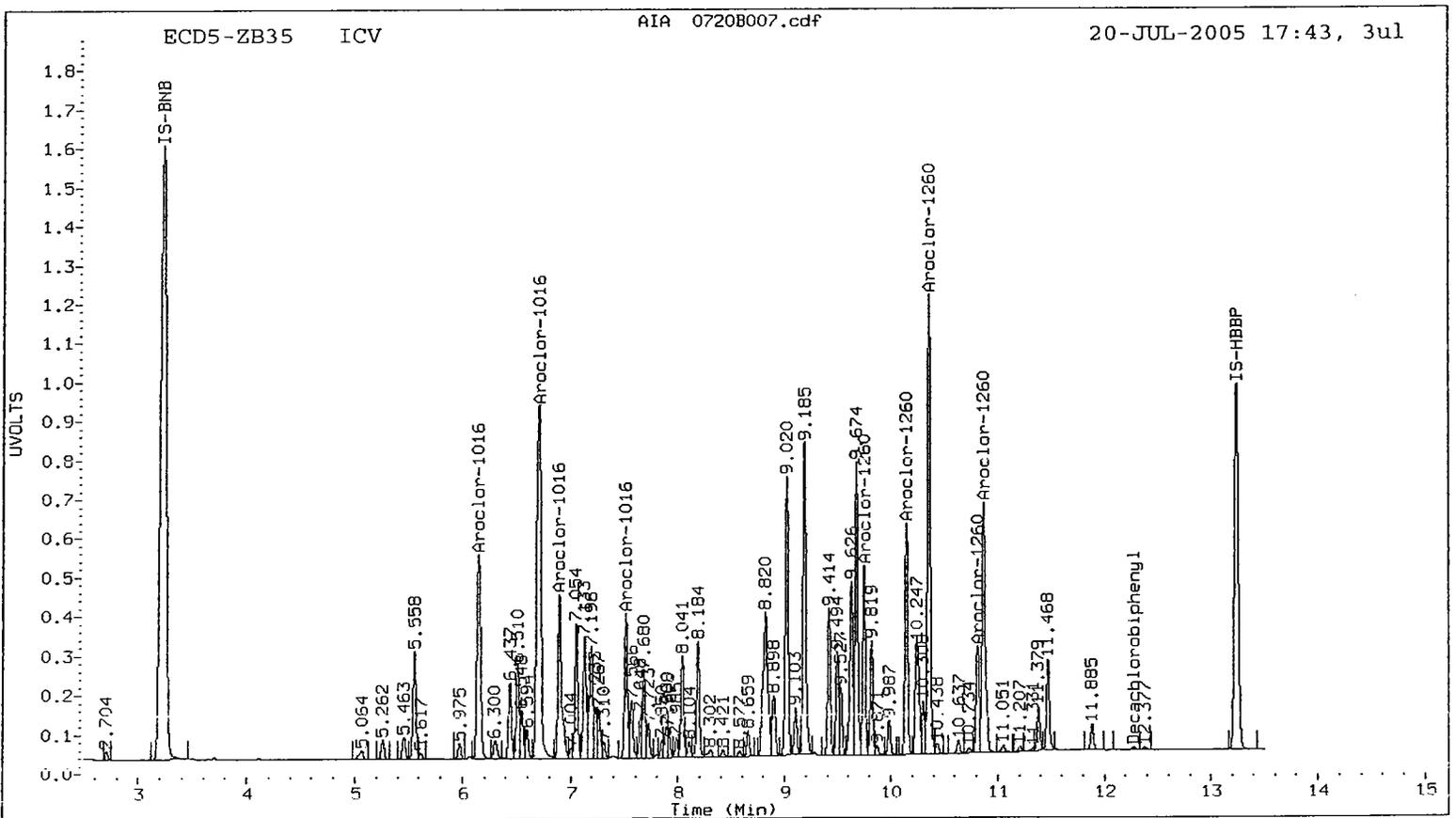
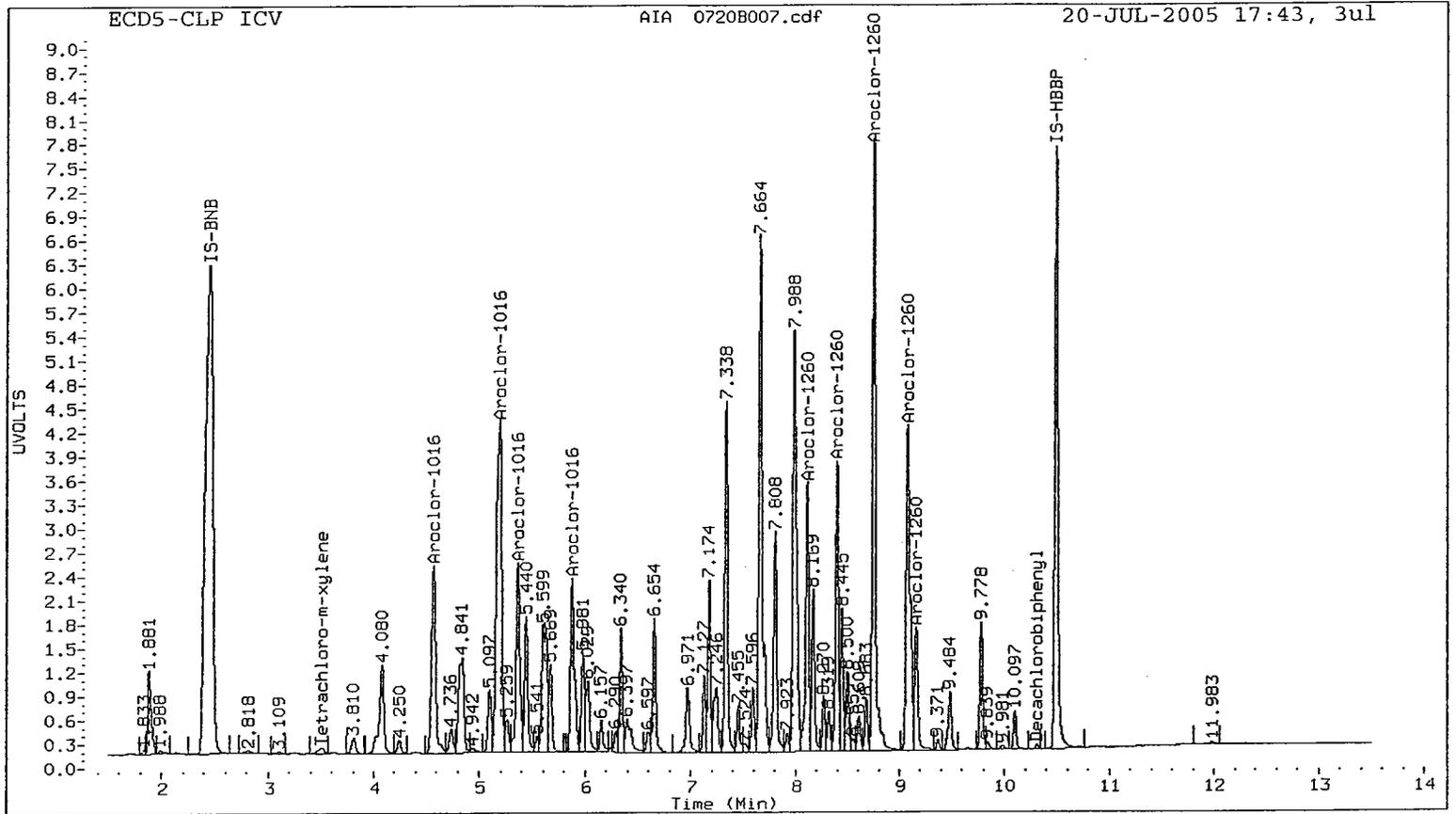
Total PCB Area Col1 (3.632 - 10.391) = 965267707

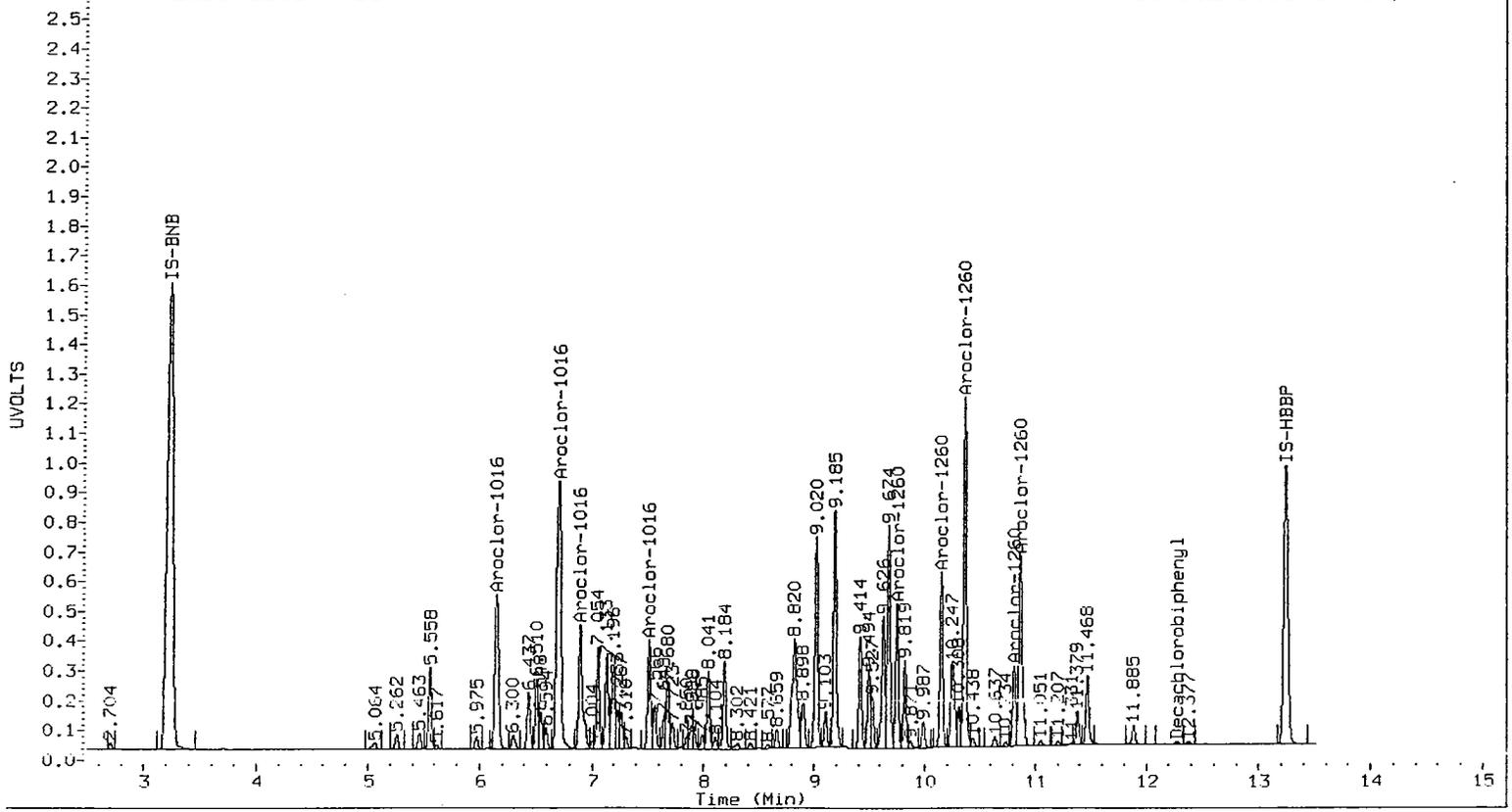
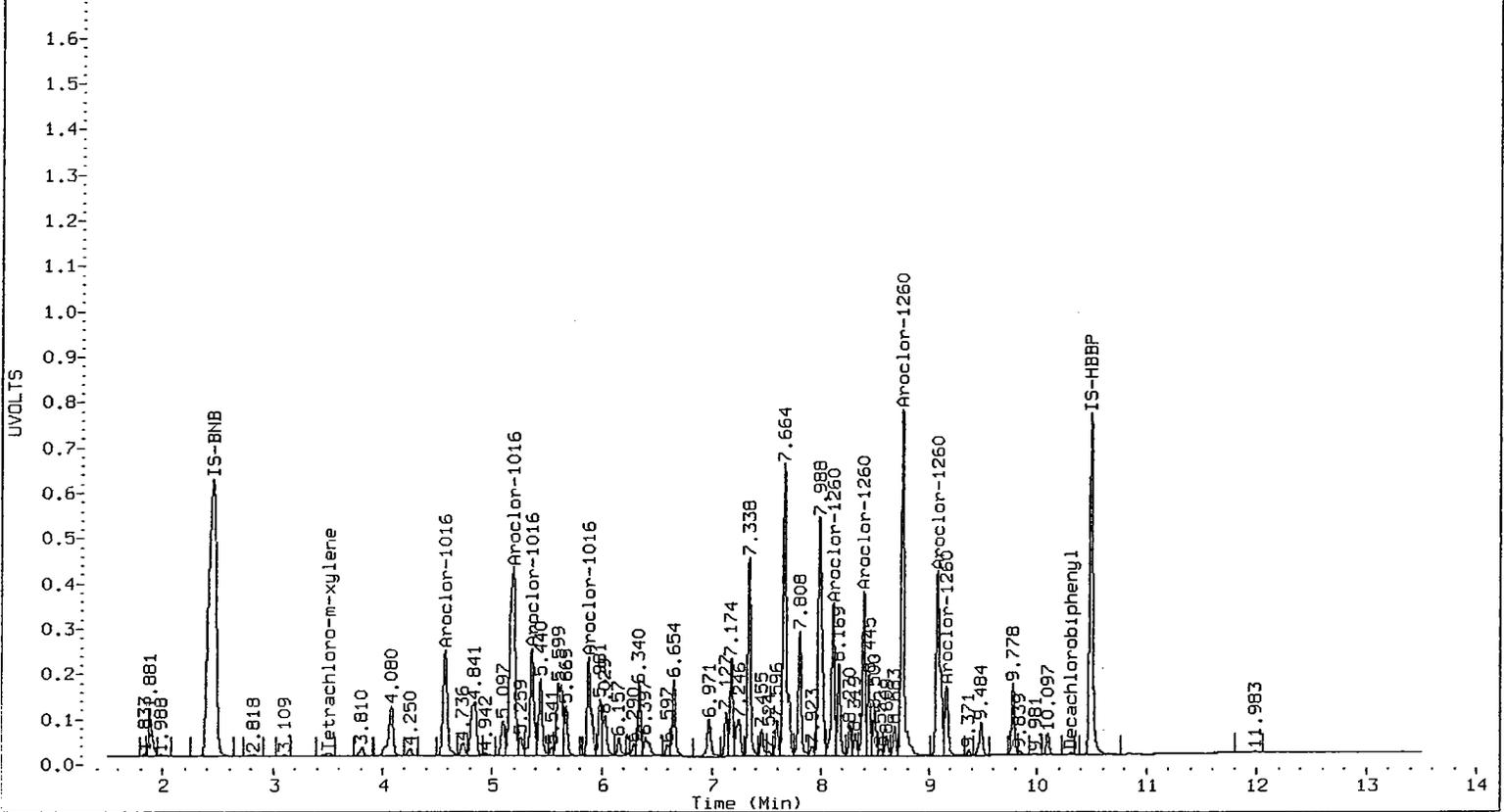
Col1 Total PCB = 1.2 ppm*

Total PCB Area Col2 (4.829 - 10.391) = 135821455

Col2 Total PCB = 1.2 ppm*

* Quantitated against AR1660 0.5ppm in Ical





Analytical Resources Inc.
Dual Column PCB Quantitation Report

Data file 1: 20050720.b/ical-1.b/0720B008.d
Data file 2: 20050720.b/ical-2.b/0720B008.d
Method: /chem2/ecd5.i/20050720.b/PCB1.m
Compound Sublist: AR1242
Instrument, Inj. Vol.: ecd5.i, 3ul
Quant Method: Internal Std

ARI ID: AR12421
Client ID:
Injection Date: 20-JUL-2005 18:00
Report Date: 07/21/2005 09:42
Matrix: NONE
Dilution Factor: 1.000

RT	CLP Col Shift	Response	RT	ZB35 Col Shift	Response	CLP on col	ZB35 on col	RPD	Compound/Flag
3.544	0.012	32919329	4.729	0.001	5804117	0.0173	0.0166	4.3	Tetrachloro-m-xylene
10.306	-0.001	37066598	12.275	0.000	5221370	0.0323	0.0310	4.2	Decachlorobiphenyl

- * Indicates RPD > 40%
- M Indicates Column 1 peak was manually integrated
- N Indicates Column 2 peak was manually integrated

SURROGATE PERCENT RECOVERY

SURROGATE	Col1	Col2
Tetrachloro-m-xylene	43.2	41.4
Decachlorobiphenyl	80.9	77.5

INTERNAL STANDARD SUMMARY

Standard Cpnd	Column 1		%D
	Standard Area*	Sample Area	
Bromo-Nitrobenzene	125791287	134557760	7.0
Hexabromobiphenyl	62776174	72290337	15.2

Standard Cpnd	Column 2		%D
	Standard Area*	Sample Area	
Bromo-Nitrobenzene	23643829	25735926	8.8
Hexabromobiphenyl	10484374	11136396	6.2

- * Standard Areas taken from Initial Cal Level 4
Initial Calibration Date: 20-JUL-2005
- <- Indicates standard response outside Limits (-50 to +100%)

CLP Col						ZB35 Col					
Aroclor	Peak#	RT	Shift	Area	Amount	Peak#	RT	Shift	Area	Amount	
Aroclor-1242	1	4.079	0.000	13393059	0.500	1	5.557	0.000	2105702	0.500	
Aroclor-1242	2	5.189	0.000	47085762	0.500	2	6.707	0.000	9326164	0.500	
Aroclor-1242	3	5.359	0.000	22294666	0.500	3	6.895	0.000	3637594	0.500	
Aroclor-1242	4	5.874	0.000	21183835	0.500	4	7.054	0.000	2267827	0.500	
Aroclor-1242	NS	---			----	5	7.512	0.000	2807949	0.500	
Total Col1Ave (4 peaks):					0.500	Total Col2Ave (5 peaks):					0.500
Corrected Ave (4 peaks):					0.500	Corrected Ave (5 peaks):					0.500
										RPD = 0	
										RPD = 0	

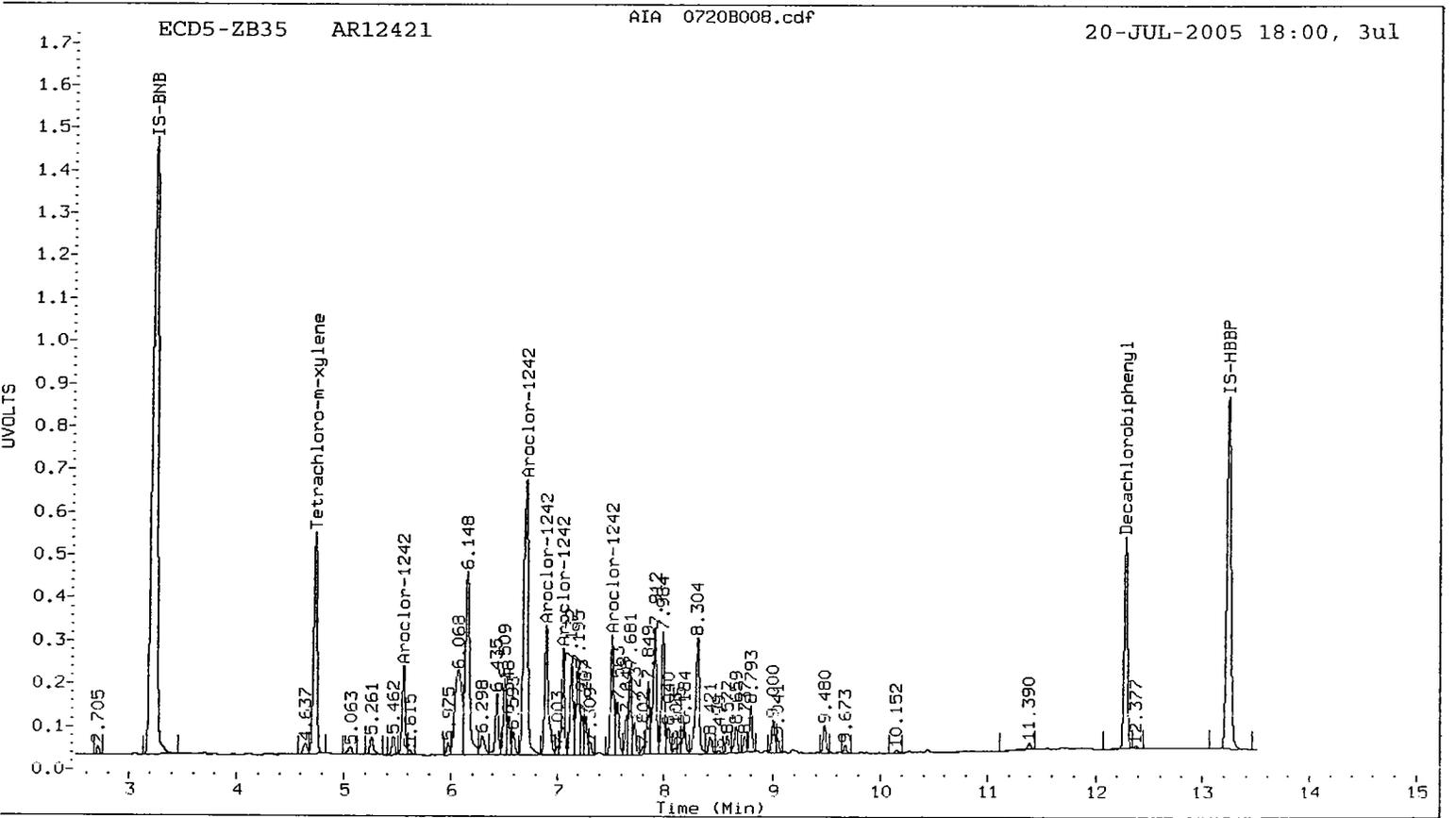
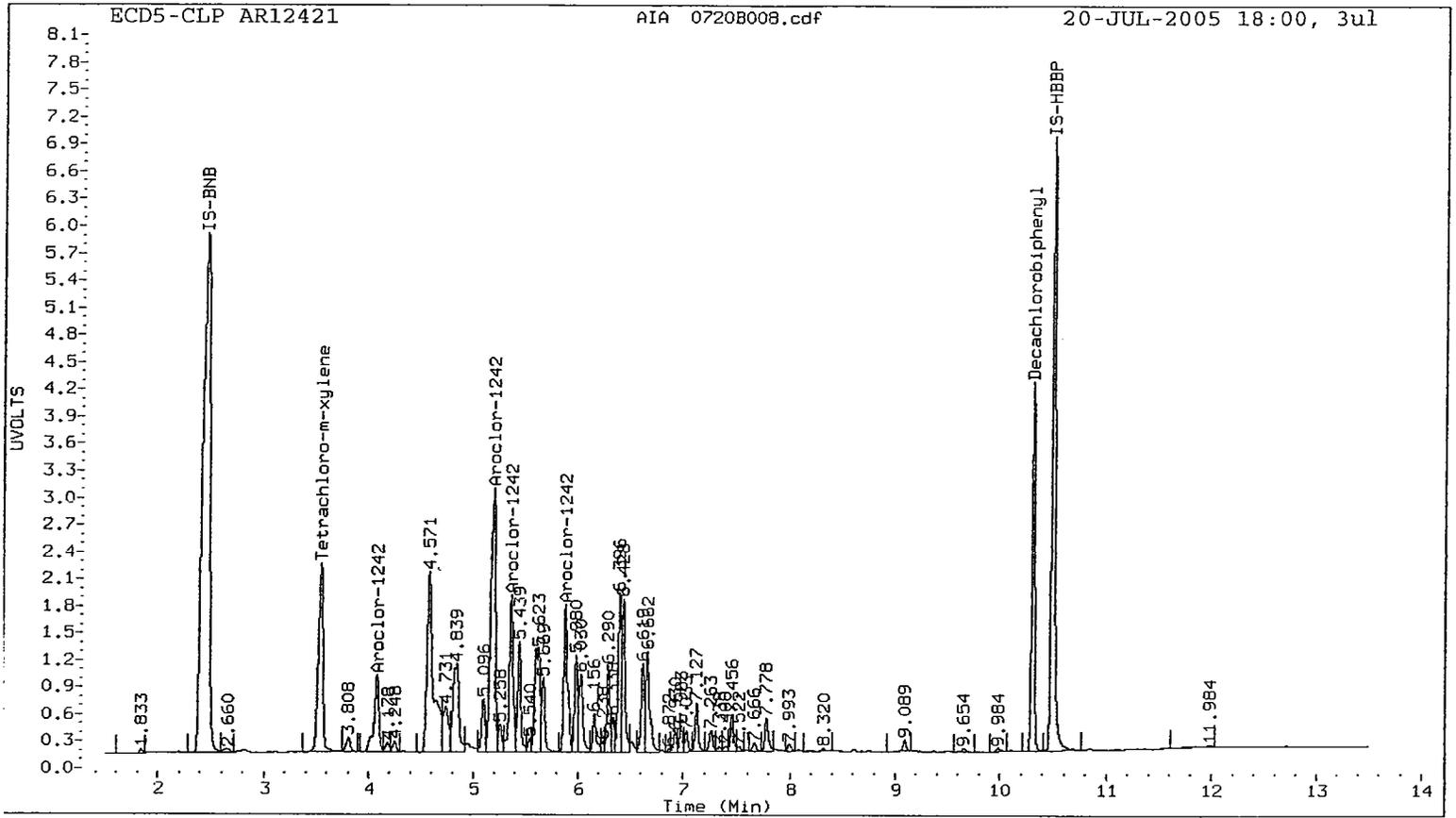
Total PCB Area Col1 (3.632 - 10.391) = 408359748

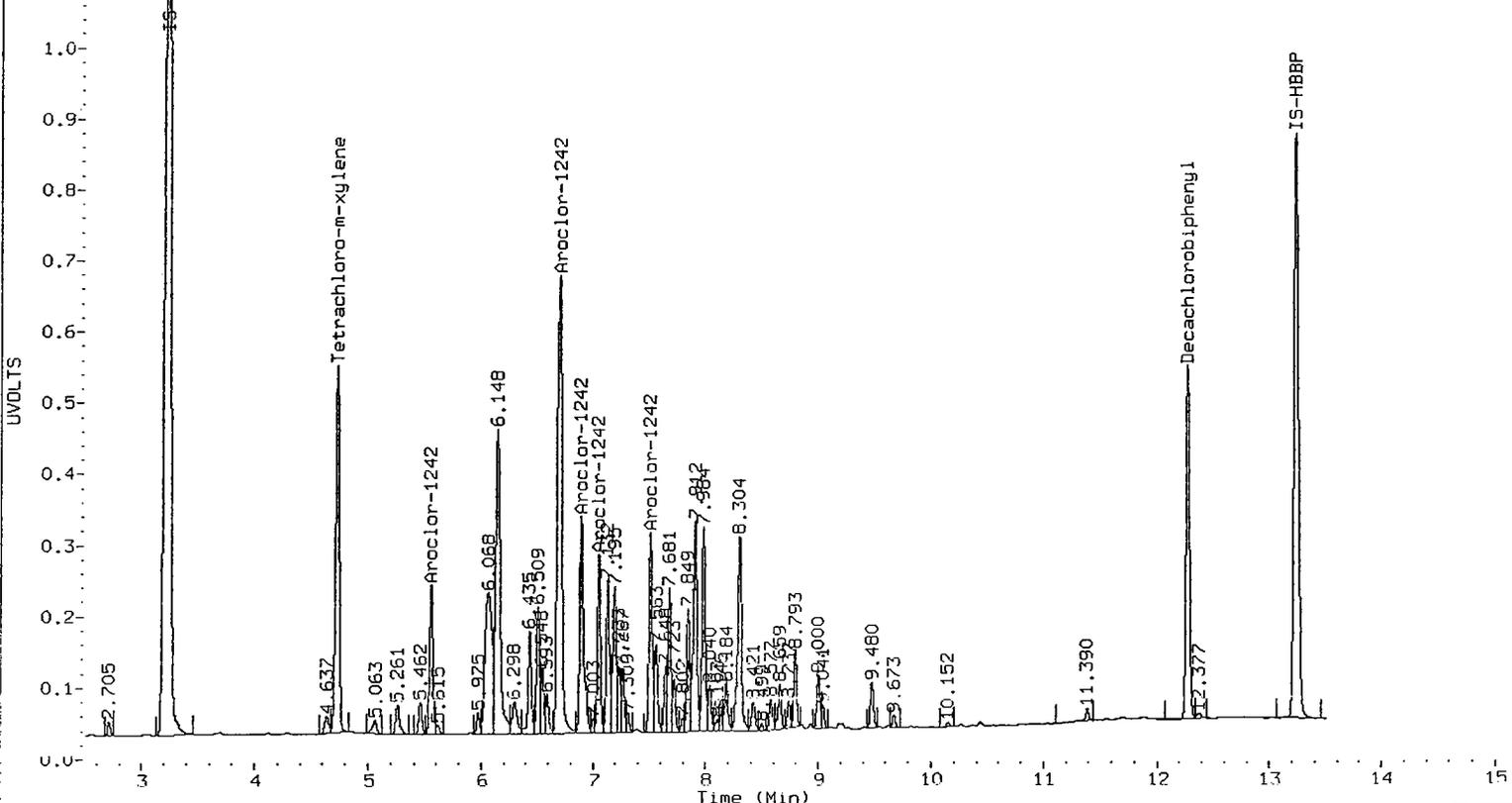
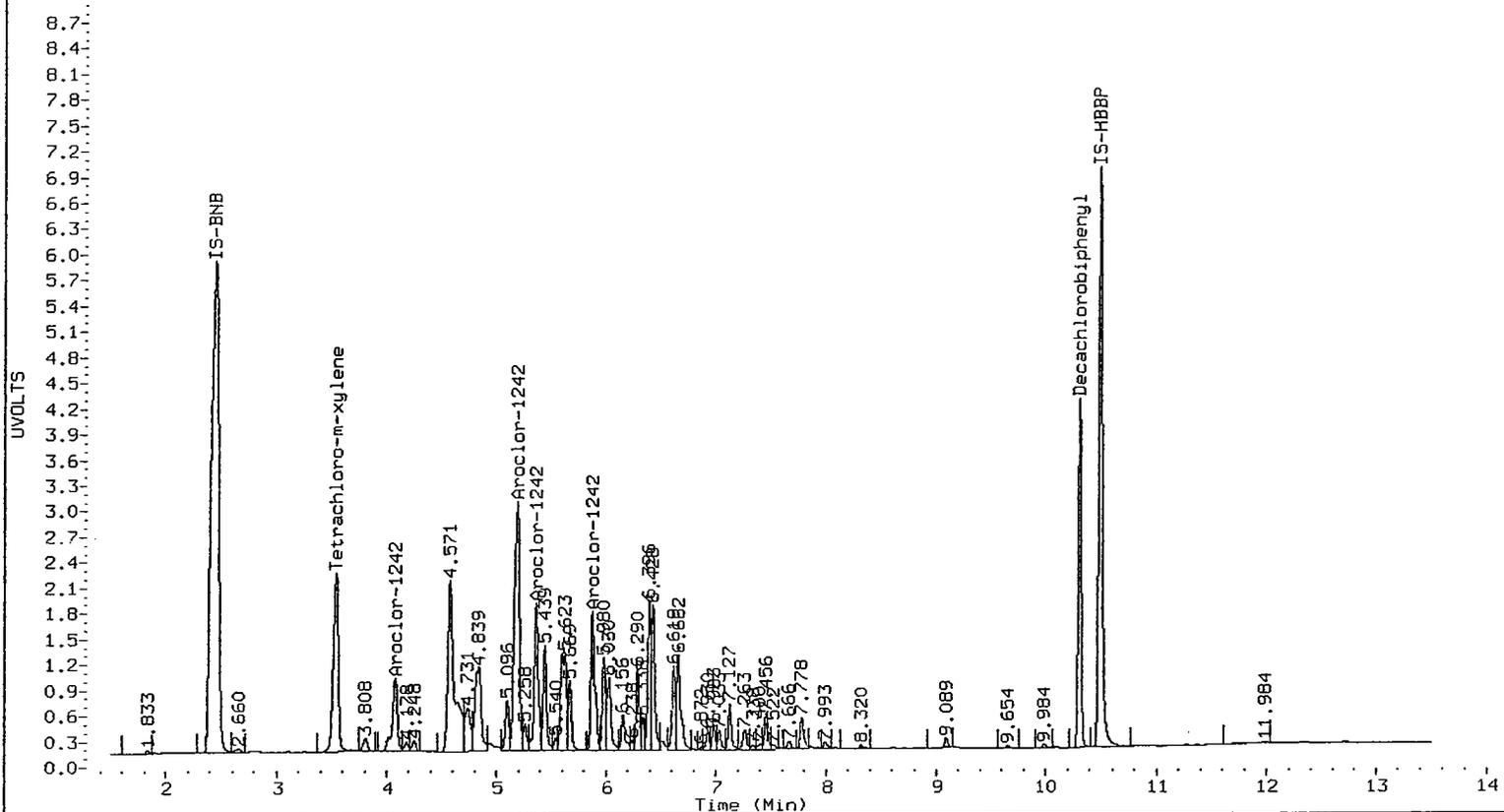
Col1 Total PCB = 0.5 ppm*

Total PCB Area Col2 (4.829 - 10.391) = 66087870

Col2 Total PCB = 0.6 ppm*

* Quantitated against AR1660 0.5ppm in Ical





Analytical Resources Inc.
Dual Column PCB Quantitation Report

Data file 1: 20050720.b/ical-1.b/0720B009.d
Data file 2: 20050720.b/ical-2.b/0720B009.d
Method: /chem2/ecd5.i/20050720.b/PCB1.m
Compound Sublist: AR1248
Instrument, Inj. Vol.: ecd5.i, 3ul
Quant Method: Internal Std

ARI ID: AR12481
Client ID:
Injection Date: 20-JUL-2005 18:17
Report Date: 07/21/2005 09:42
Matrix: NONE
Dilution Factor: 1.000

CLP Col			ZB35 Col			CLP	ZB35	RPD	Compound/Flag
RT	Shift	Response	RT	Shift	Response	on col	on col		
3.545	0.013	33082764	4.730	0.001	5939202	0.0183	0.0182	0.8	Tetrachloro-m-xylene
10.308	0.001	39769324	12.276	0.001	5425009	0.0360	0.0341	5.6	Decachlorobiphenyl

* Indicates RPD > 40%

M Indicates Column 1 peak was manually integrated

N Indicates Column 2 peak was manually integrated

SURROGATE PERCENT RECOVERY

SURROGATE	Col1	Col2
Tetrachloro-m-xylene	45.8	45.4
Decachlorobiphenyl	90.1	85.1

INTERNAL STANDARD SUMMARY

Standard Cpnd	Column 1		
	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	125791287	127687491	1.5
Hexabromobiphenyl	62776174	69635534	10.9

Standard Cpnd	Column 2		
	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	23643829	24010111	1.5
Hexabromobiphenyl	10484374	10536175	0.5

* Standard Areas taken from Initial Cal Level 4

Initial Calibration Date: 20-JUL-2005

<- Indicates standard response outside Limits (-50 to +100%)

CLP Col

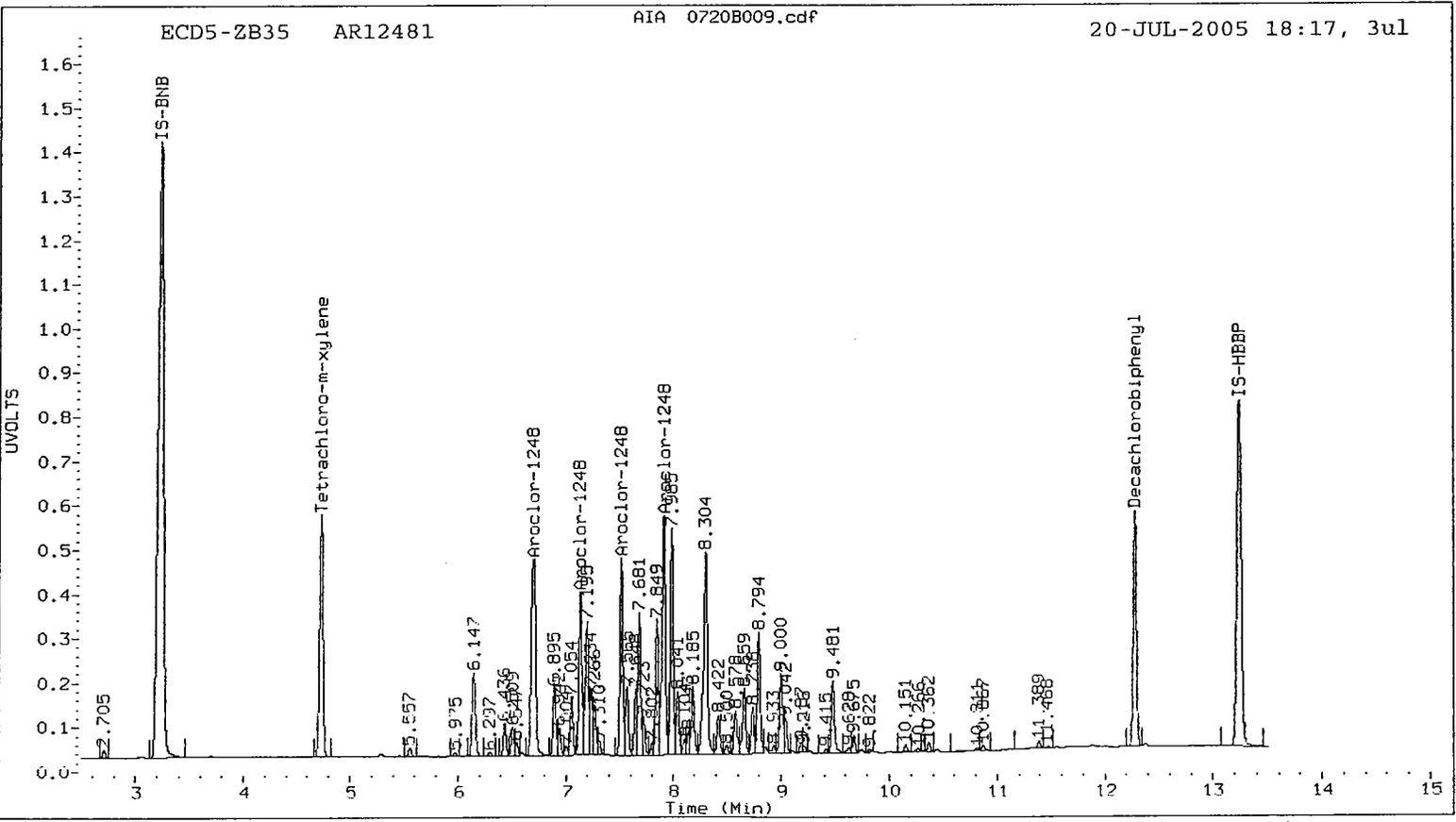
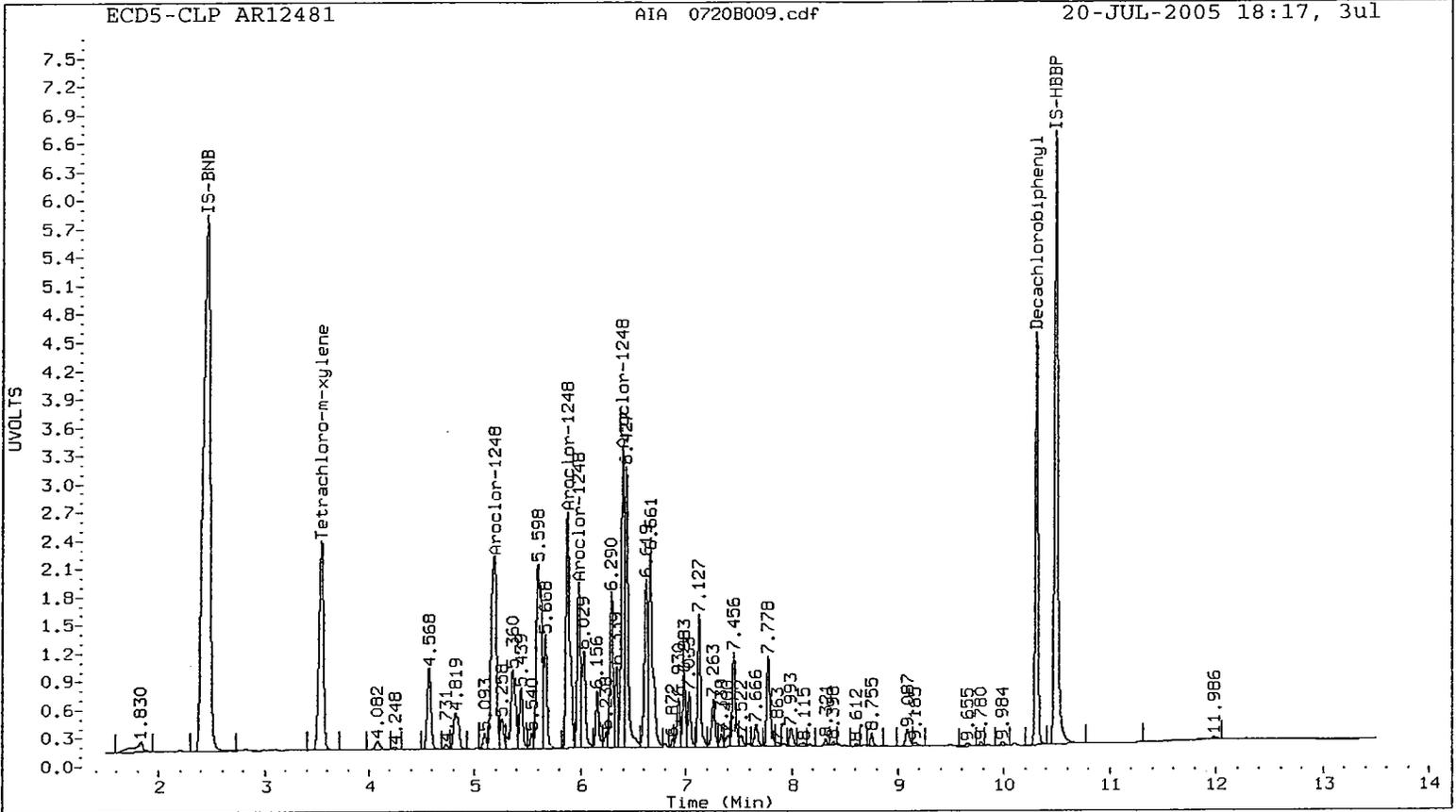
ZB35 Col

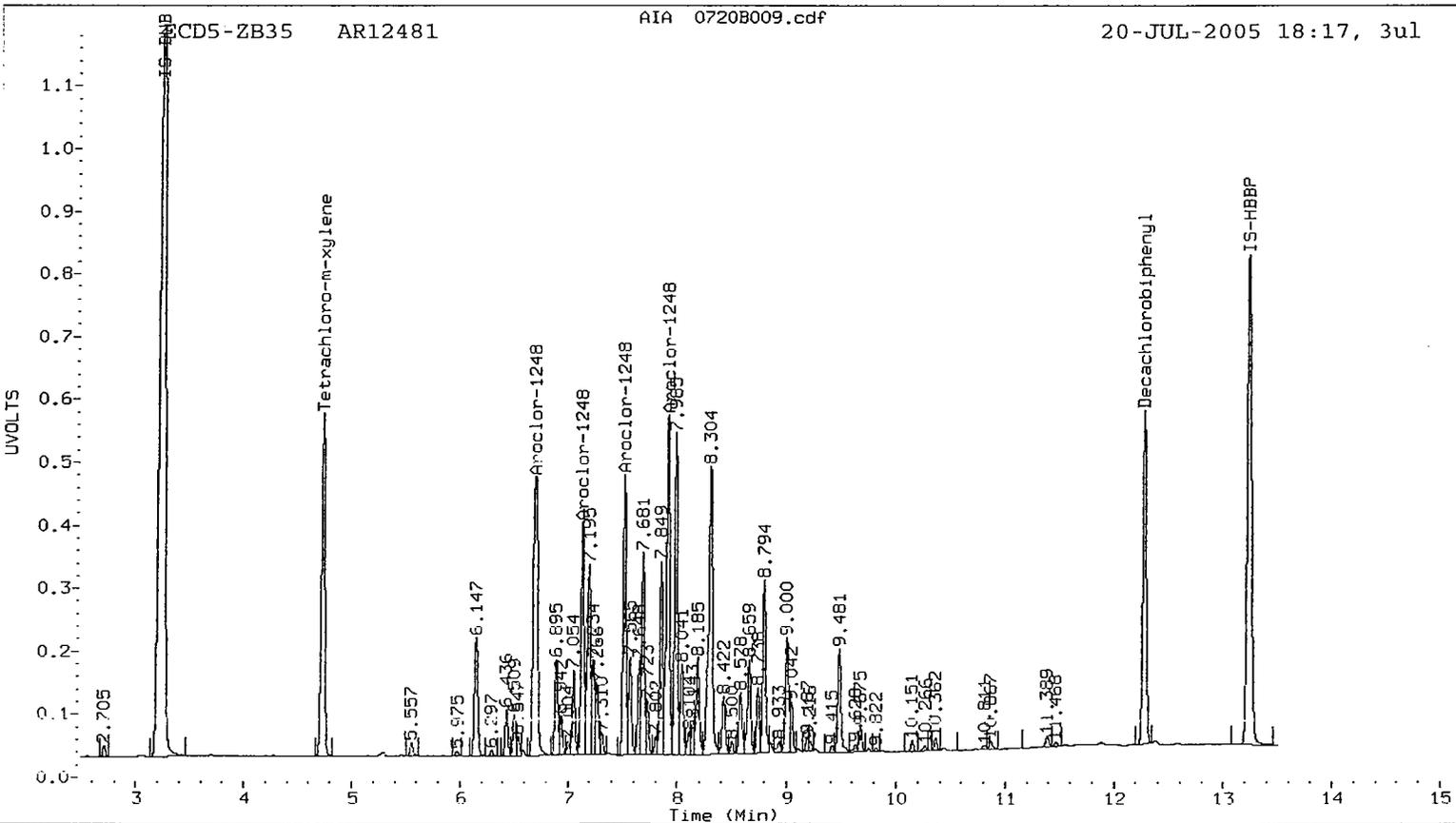
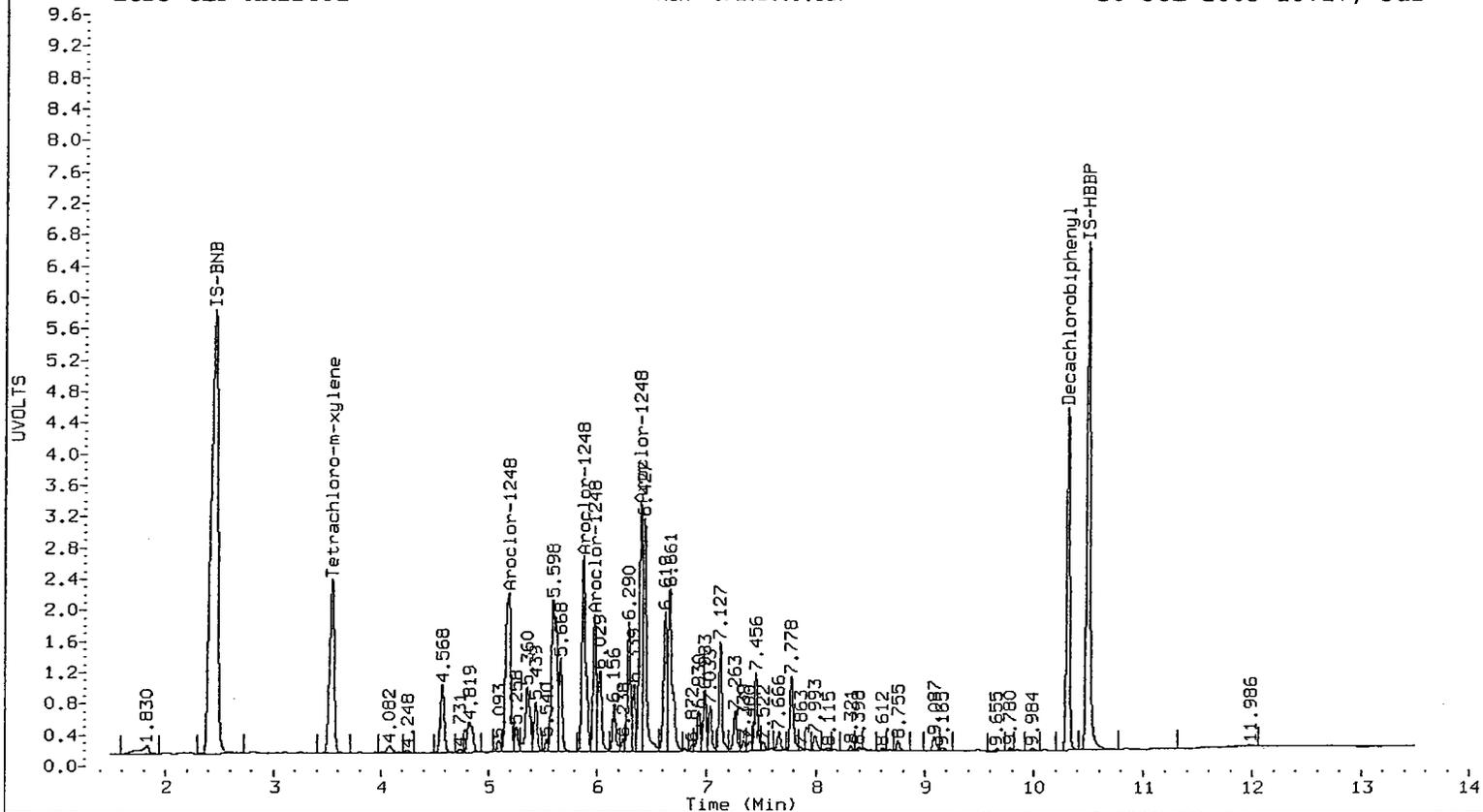
Aroclor	Peak#	RT	Shift	Area	Amount	Peak#	RT	Shift	Area	Amount
Aroclor-1248	1	5.185	0.000	35069967	0.500	1	6.704	0.000	6454031	0.500
Aroclor-1248	2	5.874	0.000	32109778	0.500	2	7.132	0.000	3519597	0.500
Aroclor-1248	3	5.980	0.000	18662170	0.500	3	7.513	0.000	4054800	0.500
Aroclor-1248	4	6.396	0.000	30204685	0.500	4	7.912	0.000	5701332	0.500
Total CollAve (4 peaks): 0.500					Total Col2Ave (4 peaks): 0.500					RPD = 0
Corrected Ave (4 peaks): 0.500					Corrected Ave (4 peaks): 0.500					RPD = 0

Total PCB Area Col1 (3.632 - 10.391) = 450503442 Col1 Total PCB = 0.5 ppm*

Total PCB Area Col2 (4.829 - 10.391) = 69171903 Col2 Total PCB = 0.6 ppm*

* Quantitated against AR1660 0.5ppm in Ical





Analytical Resources Inc.
Dual Column PCB Quantitation Report

Data file 1: 20050720.b/ical-1.b/0720B010.d
Data file 2: 20050720.b/ical-2.b/0720B010.d
Method: /chem2/ecd5.i/20050720.b/PCB1.m
Compound Sublist: AR1254
Instrument, Inj. Vol.: ecd5.i, 3ul
Quant Method: Internal Std

ARI ID: AR12541
Client ID:
Injection Date: 20-JUL-2005 18:34
Report Date: 07/21/2005 09:42
Matrix: NONE
Dilution Factor: 1.000

RT	CLP Col Shift Response	ZB35 Col Shift Response	CLP on col	ZB35 on col	RPD	Compound/Flag
3.561	0.029 76415372	4.737 0.008 13715232	0.0405	0.0394	2.7	Tetrachloro-m-xylene
10.307	0.000 46891280	12.276 0.000 6657413	0.0408	0.0400	2.1	Decachlorobiphenyl

- * Indicates RPD > 40%
- M Indicates Column 1 peak was manually integrated
- N Indicates Column 2 peak was manually integrated

SURROGATE PERCENT RECOVERY

SURROGATE	Col1	Col2
Tetrachloro-m-xylene	101.2	98.4
Decachlorobiphenyl	102.1	100.0

INTERNAL STANDARD SUMMARY

Standard Cpnd	Column 1		
	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	125791287	133456501	6.1
Hexabromobiphenyl	62776174	72426559	15.4

Standard Cpnd	Column 2		
	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	23643829	25570097	8.1
Hexabromobiphenyl	10484374	11007444	5.0

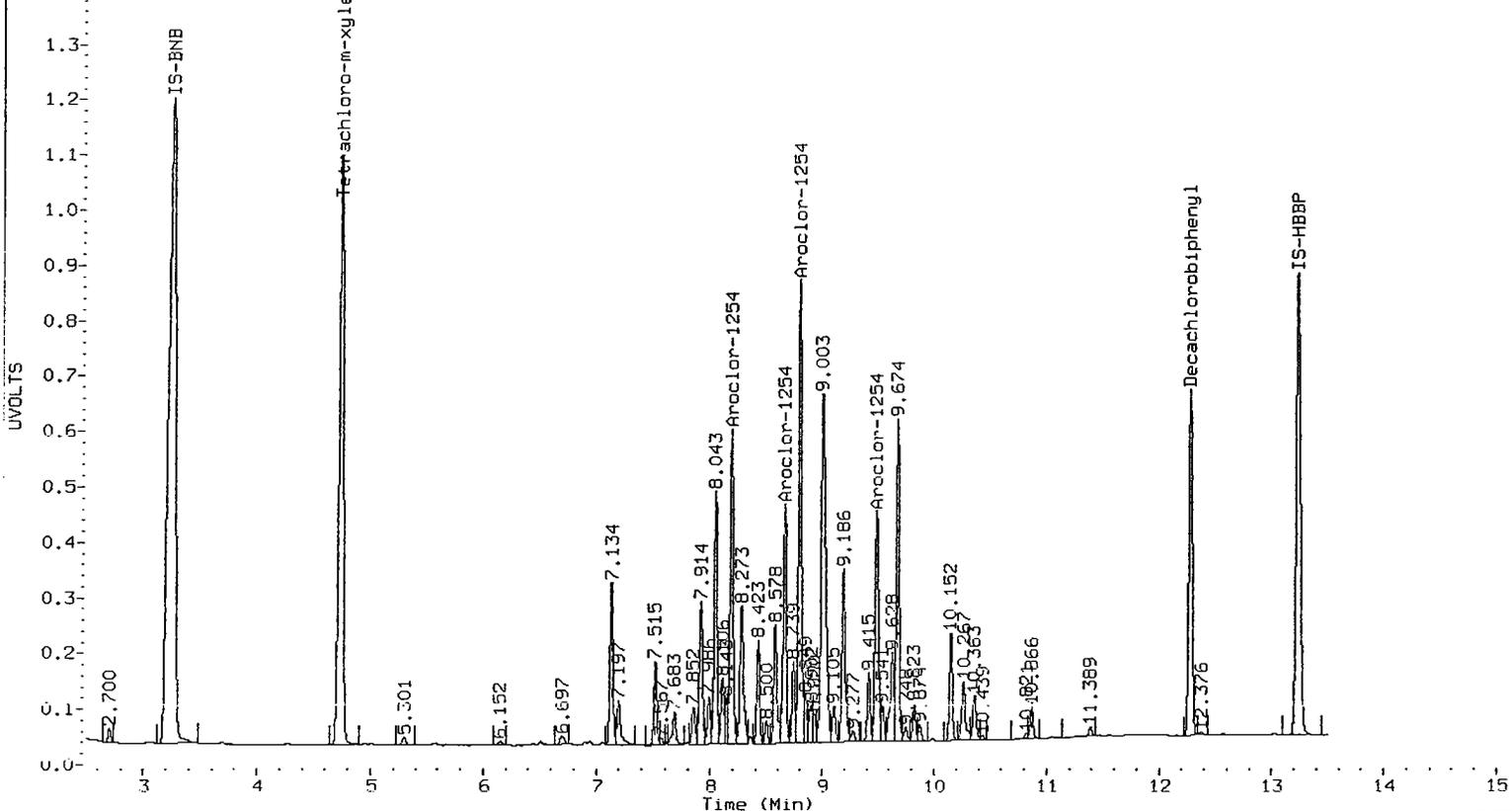
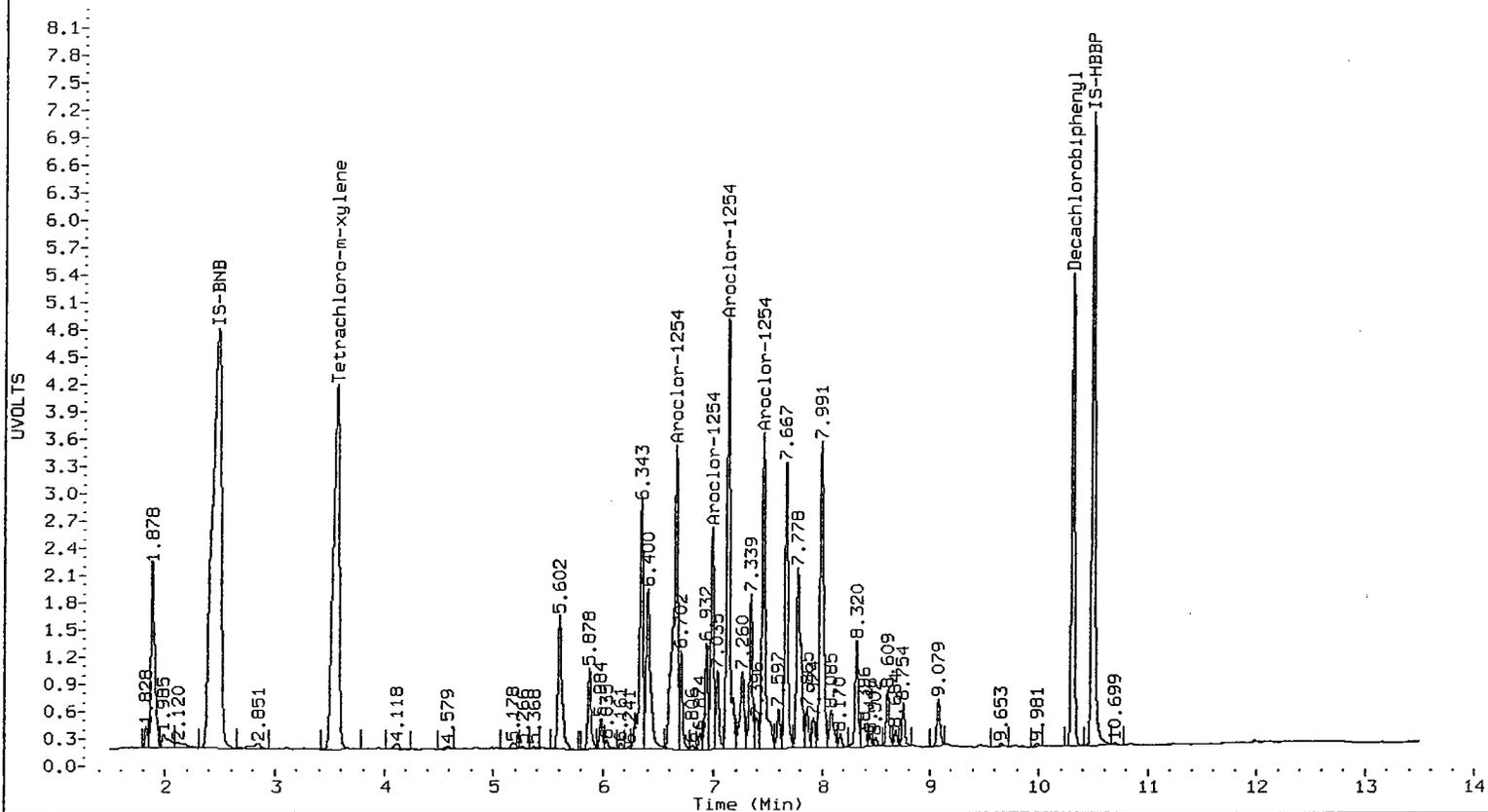
- * Standard Areas taken from Initial Cal Level 4
Initial Calibration Date: 20-JUL-2005
- <- Indicates standard response outside Limits (-50 to +100%)

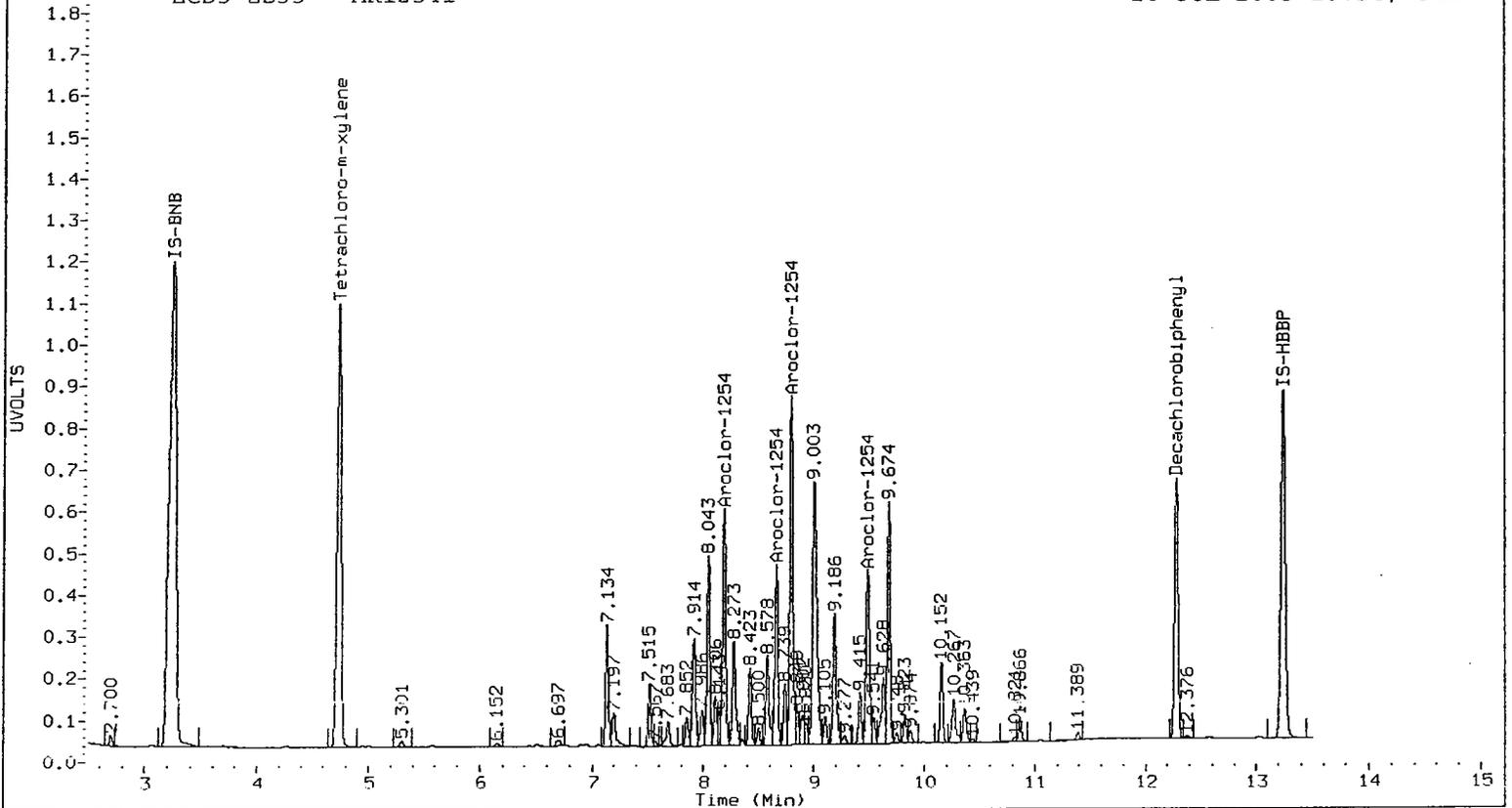
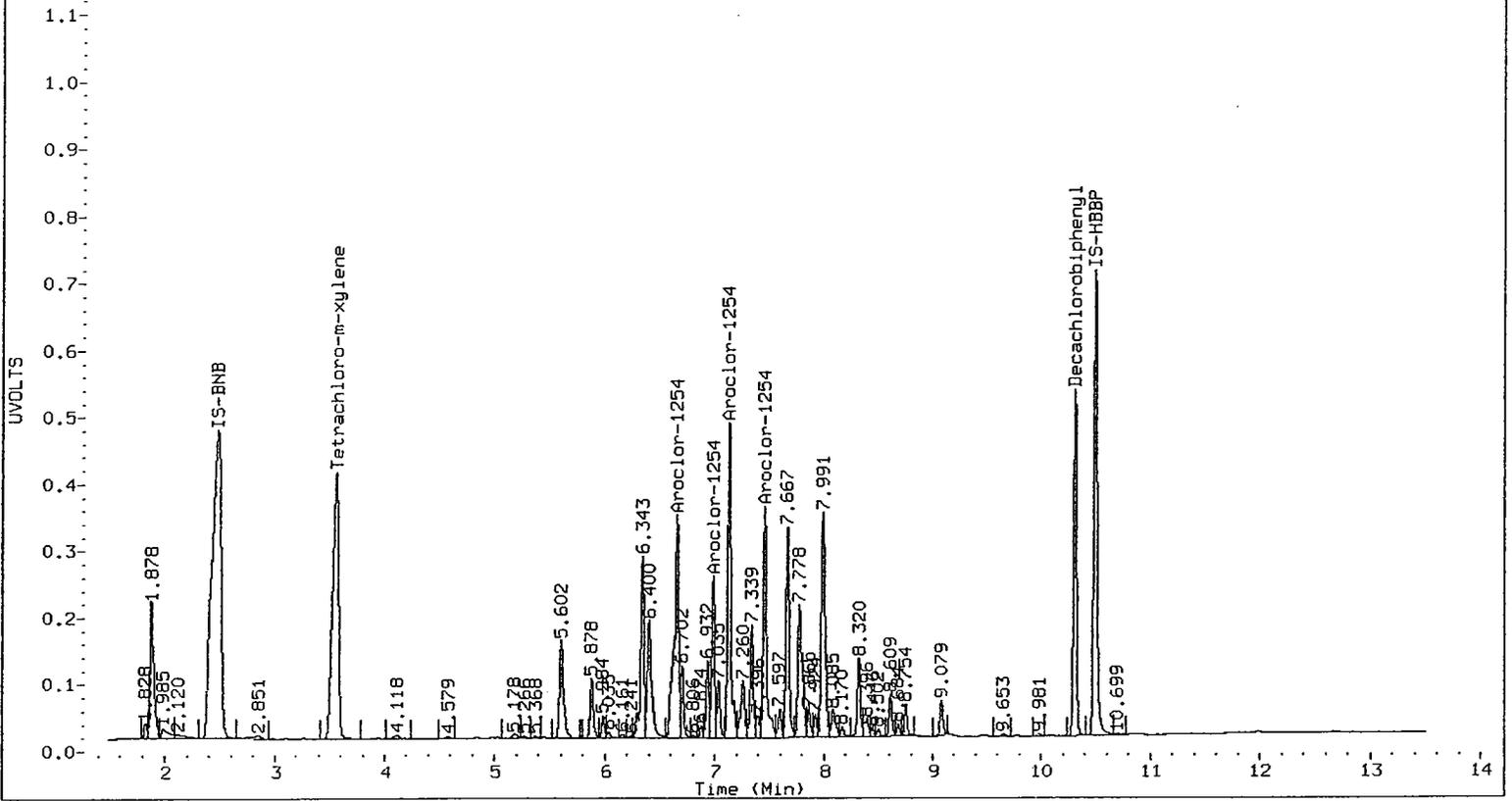
Aroclor	Peak#	CLP Col				ZB35 Col				
		RT	Shift	Area	Amount	Peak#	RT	Shift	Area	Amount
Aroclor-1254	1	6.656	0.000	47891092	0.500	1	8.186	0.000	5338266	0.500
Aroclor-1254	2	6.984	0.000	23726570	0.500	2	8.661	0.000	4097163	0.500
Aroclor-1254	3	7.129	0.000	48625391	0.500	3	8.794	0.000	8015679	0.500
Aroclor-1254	4	7.456	0.000	38705135	0.500	4	9.484	0.000	4649215	0.500
Total Col1Ave (4 peaks): 0.500					Total Col2Ave (4 peaks): 0.500					RPD = 0
Corrected Ave (4 peaks): 0.500					Corrected Ave (4 peaks): 0.500					RPD = 0

Total PCB Area Col1 (3.632 - 10.391) = 513806643 Col1 Total PCB = 0.6 ppm*

Total PCB Area Col2 (4.829 - 10.391) = 74595891 Col2 Total PCB = 0.7 ppm*

* Quantitated against AR1660 0.5ppm in Ical





Analytical Resources Inc.
Dual Column PCB Quantitation Report

Data file 1: 20050720.b/ical-1.b/0720B011.d
Data file 2: 20050720.b/ical-2.b/0720B011.d
Method: /chem2/ecd5.i/20050720.b/PCB1.m
Compound Sublist: AR2162
Instrument, Inj. Vol.: ecd5.i, 3ul
Quant Method: Internal Std

ARI ID: AR21621
Client ID:
Injection Date: 20-JUL-2005 18:51
Report Date: 07/21/2005 09:43
Matrix: NONE
Dilution Factor: 1.000

CLP Col			ZB35 Col			CLP	ZB35	RPD	Compound/Flag
RT	Shift	Response	RT	Shift	Response	on col	on col		
3.542	0.010	32788888	4.730	0.001	5590013	0.0194	0.0185	4.7	Tetrachloro-m-xylene
10.308	0.001	38486074	12.277	0.002	5170990	0.0365	0.0348	4.7	Decachlorobiphenyl

- * Indicates RPD > 40%
- ¶ Indicates Column 1 peak was manually integrated
- ¶ Indicates Column 2 peak was manually integrated

SURROGATE PERCENT RECOVERY

SURROGATE	Col1	Col2
Tetrachloro-m-xylene	48.5	46.3
Decachlorobiphenyl	91.2	87.0

INTERNAL STANDARD SUMMARY

Column 1			
Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	125791287	119367698	-5.1
Hexabromobiphenyl	62776174	66548134	6.0

Column 2			
Standard Cpnd	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	23643829	22150645	-6.3
Hexabromobiphenyl	10484374	9826177	-6.3

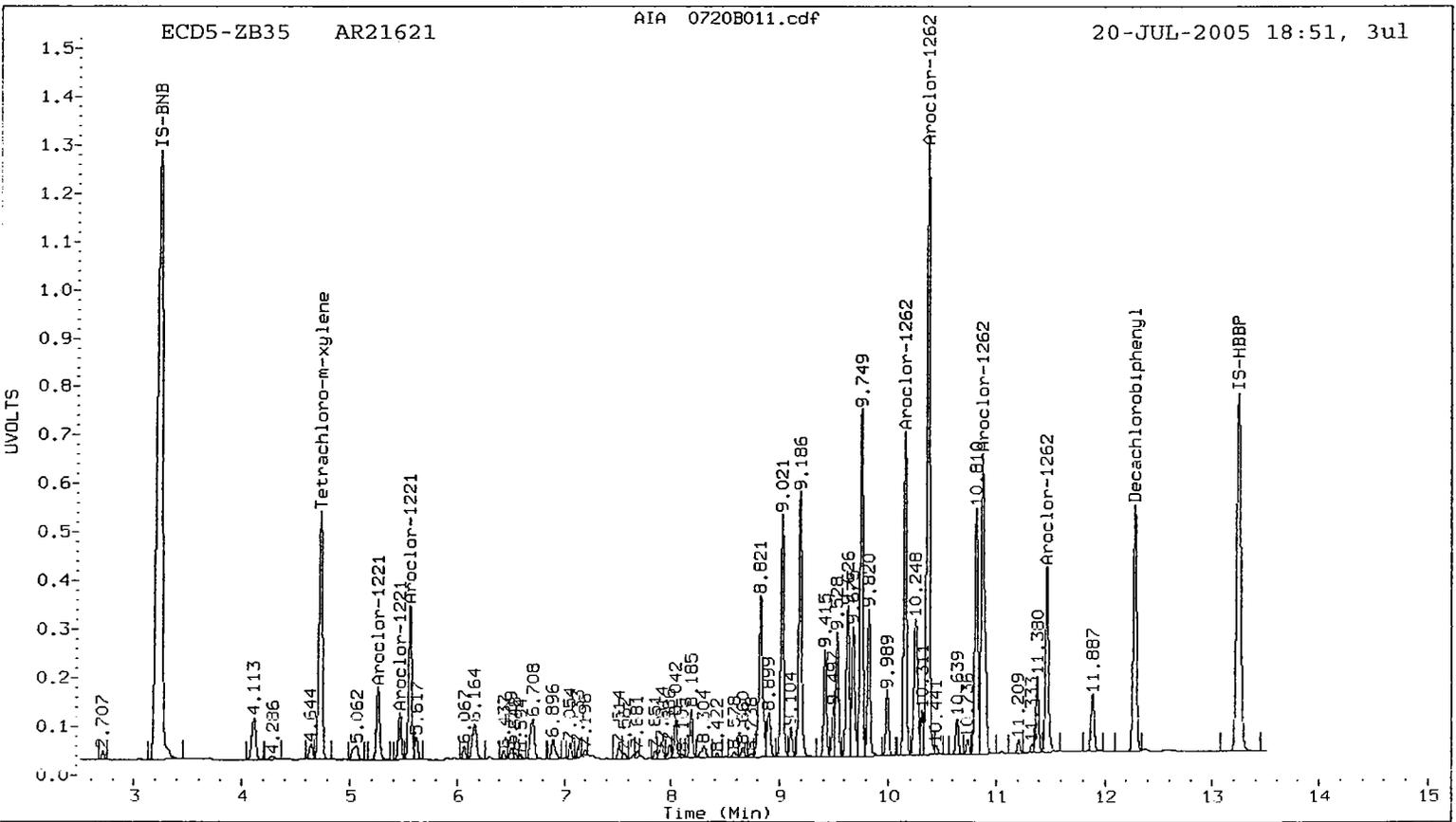
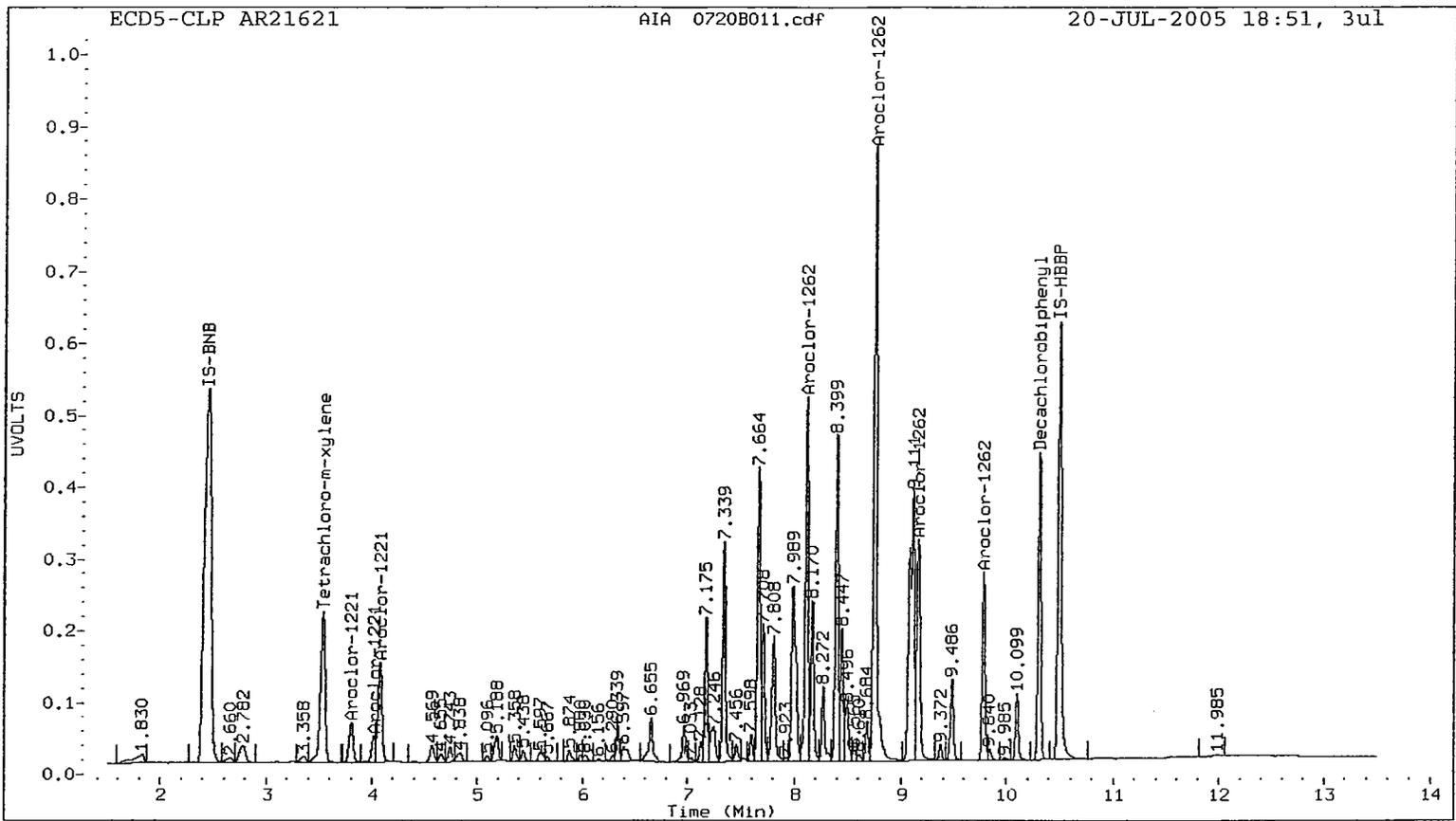
- * Standard Areas taken from Initial Cal Level 4
Initial Calibration Date: 20-JUL-2005
- <- Indicates standard response outside Limits (-50 to +100%)

Aroclor	Peak#	CLP Col				ZB35 Col				
		RT	Shift	Area	Amount	Peak#	RT	Shift	Area	Amount
Aroclor-1221	1	3.807	-0.002	7837329	0.500	1	5.260	0.000	1578619	0.500
Aroclor-1221	2	4.019	-0.001	4143548	0.500	2	5.462	0.000	945291	0.500
Aroclor-1221	3	4.076	-0.002	19508377	0.500	3	5.557	0.000	3139038	0.500
Total Col1Ave (3 peaks): 0.500					Total Col2Ave (3 peaks): 0.500					RPD = 0
Corrected Ave (3 peaks): 0.500					Corrected Ave (3 peaks): 0.500					RPD = 0
Aroclor-1262	1	8.116	0.001	48359218	0.500	1	10.147	0.000	5962471	0.500
Aroclor-1262	2	8.754	0.001	90956513	0.500	2	10.361	0.000	11919946	0.500
Aroclor-1262	3	9.162	0.001	37180605	0.500	3	10.868	0.000	7411222	0.500
Aroclor-1262	4	9.779	0.000	25117880	0.500	4	11.469	0.000	3610327	0.500
Total Col1Ave (4 peaks): 0.500					Total Col2Ave (4 peaks): 0.500					RPD = 0
Corrected Ave (4 peaks): 0.500					Corrected Ave (4 peaks): 0.500					RPD = 0

Total PCB Area Col1 (3.632 - 10.391) = 697116641 Col1 Total PCB = 0.8 ppm*

Total PCB Area Col2 (4.829 - 10.391) = 73939553 Col2 Total PCB = 0.7 ppm*

* Quantitated against AR1660 0.5ppm in Ical



Analytical Resources Inc.
Dual Column PCB Quantitation Report

Data file 1: 20050720.b/ical-1.b/0720B012.d
Data file 2: 20050720.b/ical-2.b/0720B012.d
Method: /chem2/ecd5.i/20050720.b/PCB1.m
Compound Sublist: AR3268
Instrument, Inj. Vol.: ecd5.i, 3ul
Quant Method: Internal Std

ARI ID: AR32681
Client ID:
Injection Date: 20-JUL-2005 19:08
Report Date: 07/21/2005 09:43
Matrix: NONE
Dilution Factor: 1.000

CLP Col			ZB35 Col			CLP	ZB35	RPD	Compound/Flag
RT	Shift	Response	RT	Shift	Response	on col	on col		
3.542	0.010	32194924	4.729	0.000	5592499	0.0181	0.0175	3.5	Tetrachloro-m-xylene
10.307	0.000	73118994	12.275	0.000	10410518	0.0674	0.0662	1.7	Decachlorobiphenyl

* Indicates RPD > 40%

M Indicates Column 1 peak was manually integrated

N Indicates Column 2 peak was manually integrated

SURROGATE PERCENT RECOVERY

SURROGATE	Col1	Col2
Tetrachloro-m-xylene	45.4	43.8
Decachlorobiphenyl	168.5	165.6

INTERNAL STANDARD SUMMARY

Standard Cpnd	Column 1		
	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	125791287	125358421	-0.3
Hexabromobiphenyl	62776174	68429425	9.0

Standard Cpnd	Column 2		
	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	23643829	23432879	-0.9
Hexabromobiphenyl	10484374	10394861	-0.9

* Standard Areas taken from Initial Cal Level 4

Initial Calibration Date: 20-JUL-2005

<- Indicates standard response outside Limits (-50 to +100%)

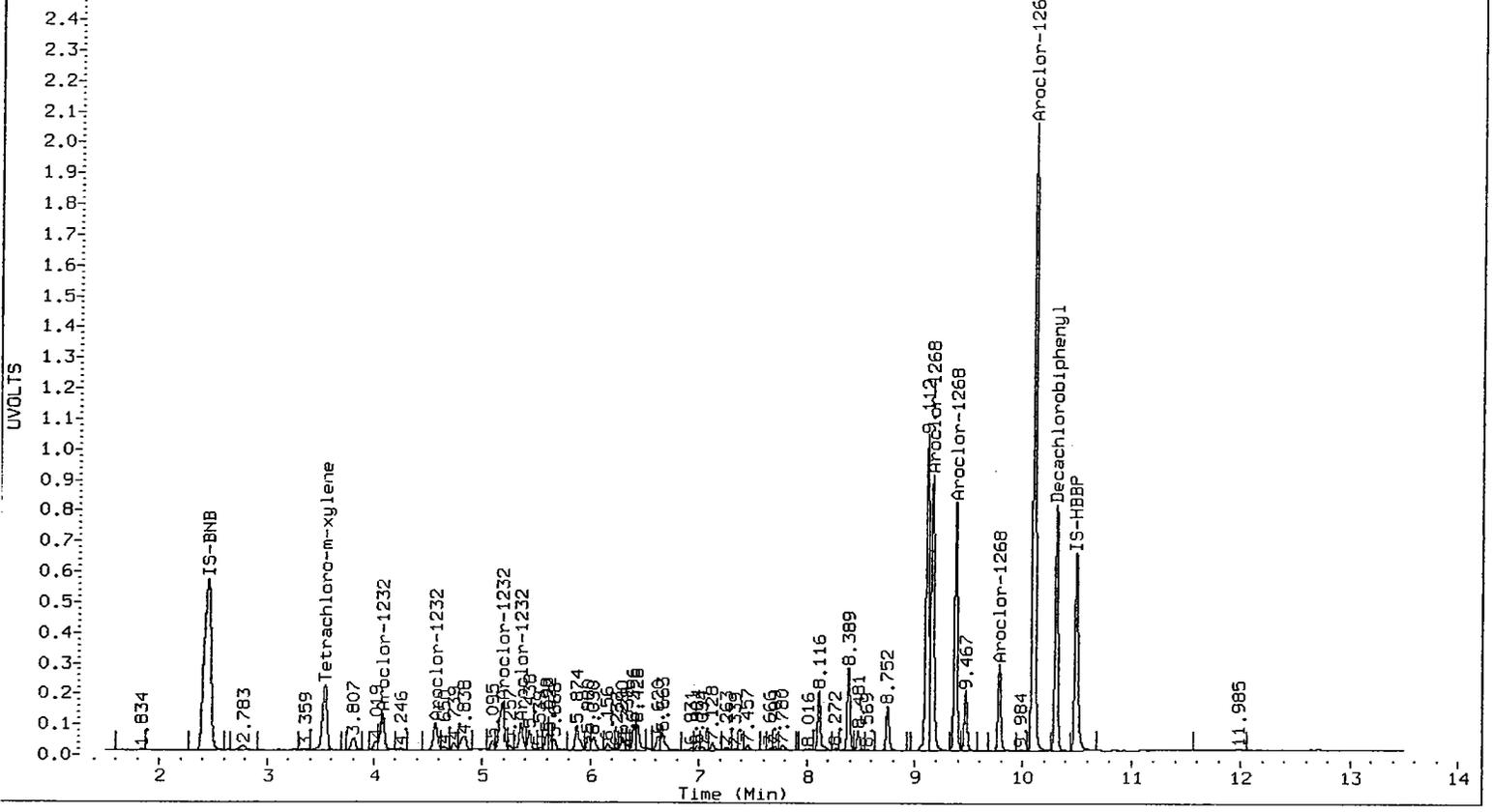
CLP Col						ZB35 Col					
Aroclor	Peak#	RT	Shift	Area	Amount	Peak#	RT	Shift	Area	Amount	
Aroclor-1232	1	4.076	-0.004	16358085	0.500	1	5.556	0.000	2692853	0.500	
Aroclor-1232	2	4.568	-0.003	11371786	0.500	2	6.149	0.000	2500305	0.500	
Aroclor-1232	3	5.187	-0.002	24490270	0.500	3	6.707	0.000	4631939	0.500	
Aroclor-1232	4	5.358	-0.004	10867044	0.500	4	7.054	0.000	1075635	0.500	
Total CollAve (4 peaks):					0.500	Total Col2Ave (4 peaks):					0.500 RPD = 0
Corrected Ave (4 peaks):					0.500	Corrected Ave (4 peaks):					0.500 RPD = 0

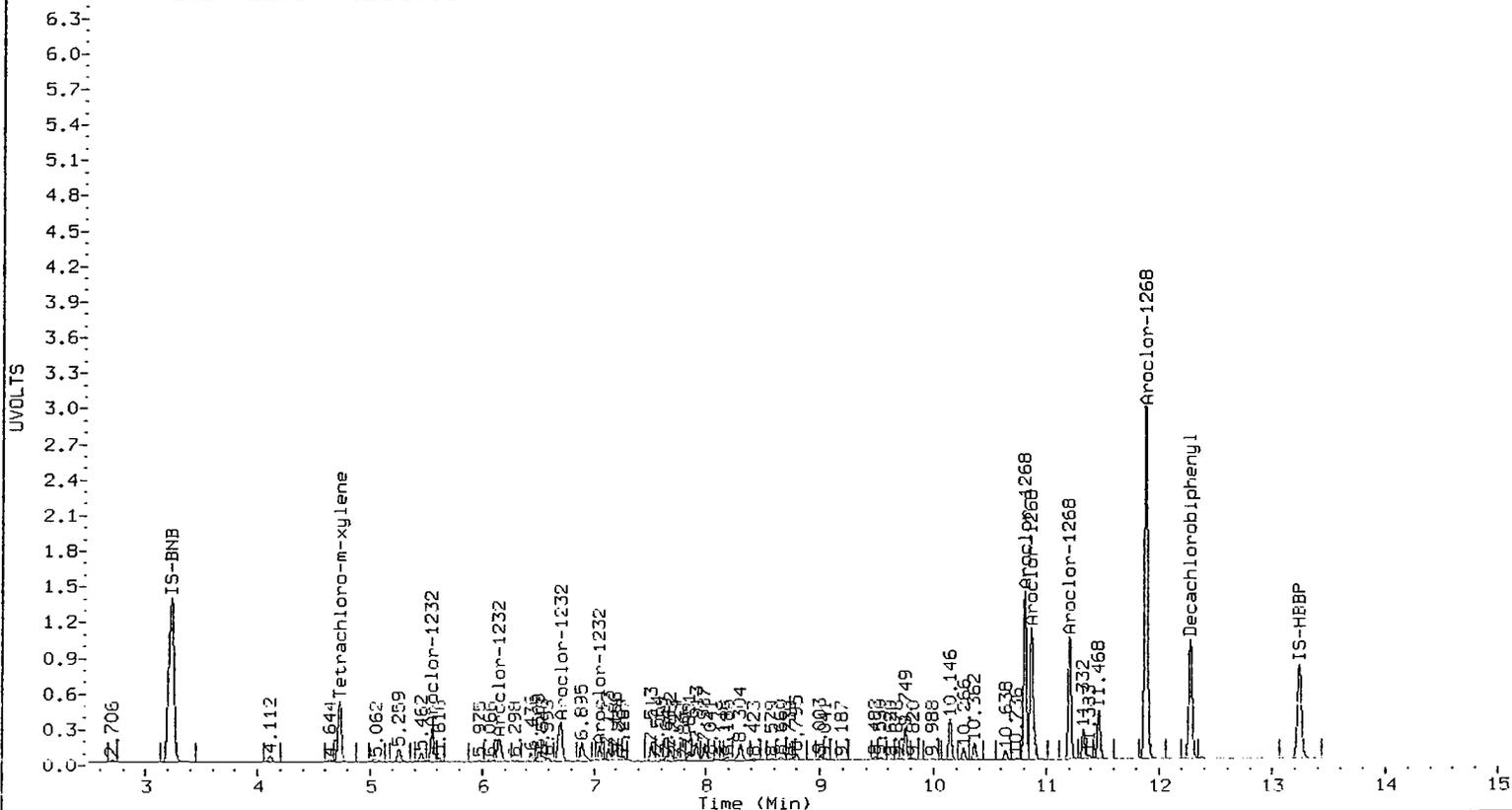
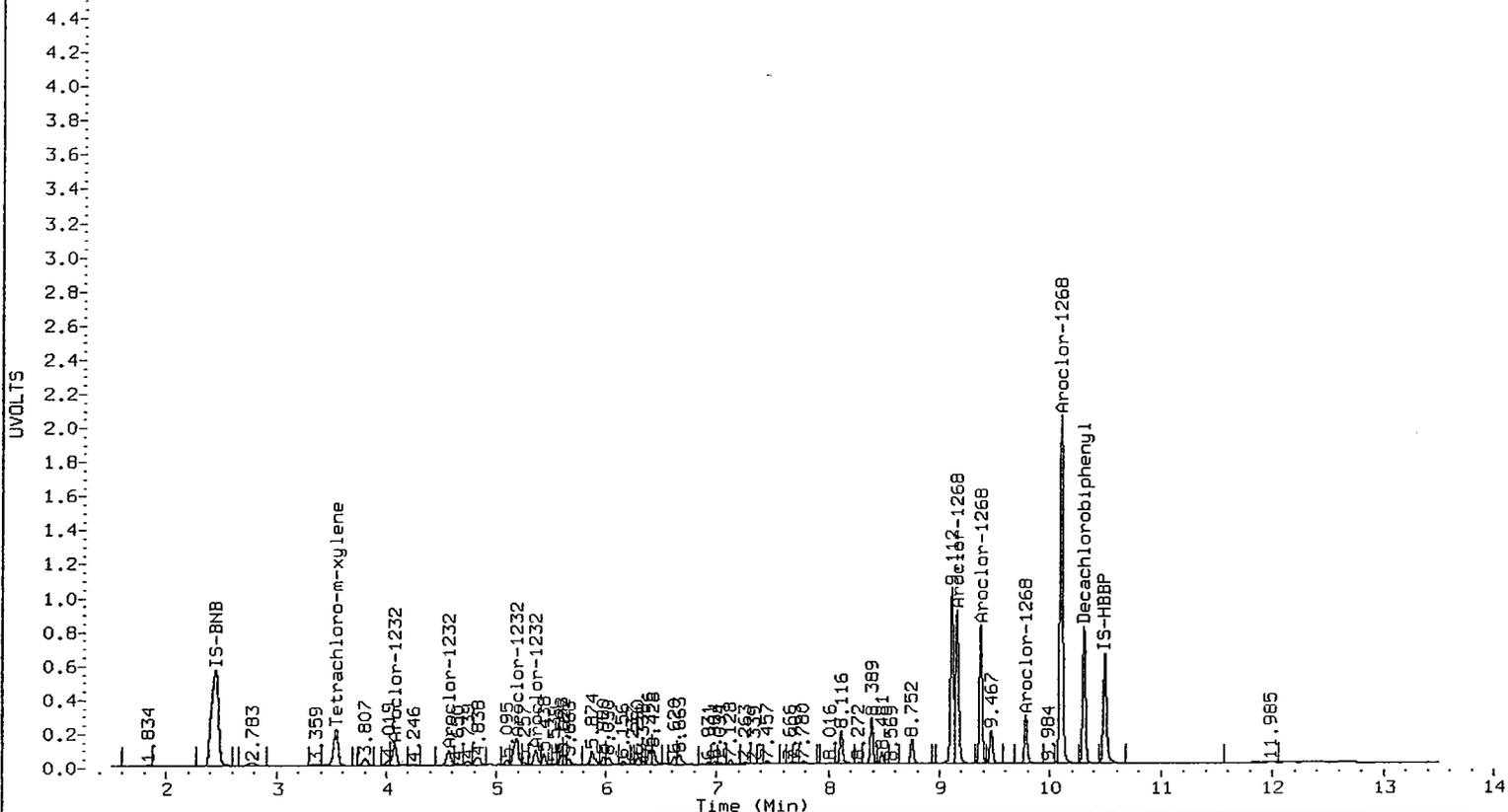
Aroclor-1268	1	9.157	0.000	91335672	0.500	1	10.809	0.000	12391508	0.500	
Aroclor-1268	2	9.372	0.000	72596408	0.500	2	10.868	0.000	11322731	0.500	
Aroclor-1268	3	9.778	-0.001	27028295	0.500	3	11.208	0.000	9213243	0.500	
Aroclor-1268	4	10.098	0.000	194121556	0.500	4	11.886	0.000	27886526	0.500	
Total CollAve (4 peaks):					0.500	Total Col2Ave (4 peaks):					0.500 RPD = 0
Corrected Ave (4 peaks):					0.500	Corrected Ave (4 peaks):					0.500 RPD = 0

Total PCB Area Col1 (3.632 - 10.391) = 823898524 Col1 Total PCB = 1.0 ppm*

Total PCB Area Col2 (4.829 - 10.391) = 40324955 Col2 Total PCB = 0.4 ppm*

* Quantitated against AR1660 0.5ppm in Ical





7F
PCB CALIBRATION VERIFICATION SUMMARY

Lab Name: ANALYTICAL RESOURCES, INC

Client: ANCHOR

ARI Job No.: IH28

Project: KC FORMER SCOTT MILL

GC Column: CLP-PEST

Intrument: ECD5

Init. Calib. Date: 07/20/05

Date Analyzed :07/29/05

Lab Standard ID: AR166017

Time Analyzed :1300

COMPOUND/PEAK NO.	RT	RT WINDOW		CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
		FROM	TO			
Aroclor-1016-1	4.58	4.51	4.61	0.47	0.50	-6.0
Aroclor-1016-2	5.19	5.13	5.23	0.45	0.50	-10.2
Aroclor-1016-3	5.36	5.30	5.41	0.41	0.50	-17.5
Aroclor-1016-4	5.88	5.82	5.92	0.41	0.50	-18.1

AVERAGE %D = 13.0

Date Analyzed :07/29/05

Lab Standard ID: AR166017

Time Analyzed :1300

COMPOUND/PEAK NO.	RT	RT WINDOW		CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
		FROM	TO			
Aroclor-1260-1	8.12	8.06	8.16	0.47	0.50	-6.1
Aroclor-1260-2	8.40	8.35	8.45	0.52	0.50	3.0
Aroclor-1260-3	8.76	8.70	8.80	0.54	0.50	8.2
Aroclor-1260-4	9.08	9.03	9.13	0.44	0.50	-12.6
Aroclor-1260-5	9.17	9.11	9.21	0.49	0.50	-1.8

AVERAGE %D = 6.3

7F
PCB CALIBRATION VERIFICATION SUMMARY

Lab Name: ANALYTICAL RESOURCES, INC

Client: ANCHOR

ARI Job No.: IH28

Project: KC FORMER SCOTT MILL

GC Column: ZB35

Intrument: ECD5

Init. Calib. Date: 07/20/05

Date Analyzed :07/29/05

Lab Standard ID: AR166017

Time Analyzed :1300

COMPOUND/PEAK NO.	RT	RT WINDOW		CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
		FROM	TO			
Aroclor-1016-1	6.15	6.10	6.20	0.44	0.50	-12.4
Aroclor-1016-2	6.71	6.66	6.76	0.43	0.50	-13.2
Aroclor-1016-3	6.90	6.84	6.94	0.44	0.50	-12.8
Aroclor-1016-4	7.52	7.46	7.56	0.49	0.50	-2.3

AVERAGE %D = 10.2

Date Analyzed :07/29/05

Lab Standard ID: AR166017

Time Analyzed :1300

COMPOUND/PEAK NO.	RT	RT WINDOW		CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
		FROM	TO			
Aroclor-1260-1	9.75	9.70	9.80	0.52	0.50	4.6
Aroclor-1260-2	10.15	10.10	10.20	0.52	0.50	3.4
Aroclor-1260-3	10.37	10.31	10.41	0.54	0.50	8.2
Aroclor-1260-4	10.82	10.76	10.86	0.52	0.50	4.3
Aroclor-1260-5	10.87	10.82	10.92	0.53	0.50	6.3

AVERAGE %D = 5.4

Analytical Resources Inc.
Dual Column PCB Quantitation Report

Data file 1: 20050720.b/0729-1.b/0729B001.d
Data file 2: 20050720.b/0729-2.b/0729B001.d
Method: /chem2/ecd5.i/20050720.b/PCB1.m
Compound Sublist: AR1660
Instrument, Inj. Vol.: ecd5.i, 3ul
Quant Method: Internal Std

ARI ID: AR166017
Client ID:
Injection Date: 29-JUL-2005 13:00
Report Date: 08/02/2005 09:54
Matrix: NONE
Dilution Factor: 1.000

CLP Col		ZB35 Col		CLP	ZB35	RPD	Compound/Flag
RT	Shift Response	RT	Shift Response	on col	on col		
3.553	0.011 79788823	4.736	0.007 14690326	0.0410	0.0398	3.1	Tetrachloro-m-xylene
10.312	0.005 42843281	12.281	0.006 6754441	0.0423	0.0419	0.8	Decachlorobiphenyl

* Indicates RPD > 40%

M Indicates Column 1 peak was manually integrated

N Indicates Column 2 peak was manually integrated

SURROGATE PERCENT RECOVERY

SURROGATE	Col1	Col2
Tetrachloro-m-xylene	102.6	99.4
Decachlorobiphenyl	105.7	104.9

INTERNAL STANDARD SUMMARY

Standard Cpnd	Column 1		%D
	Standard Area*	Sample Area	
Bromo-Nitrobenzene	125791287	137445983	9.3
Hexabromobiphenyl	62776174	63943376	1.9

Standard Cpnd	Column 2		%D
	Standard Area*	Sample Area	
Bromo-Nitrobenzene	23643829	27112626	14.7
Hexabromobiphenyl	10484374	10649921	1.6

* Standard Areas taken from Initial Cal Level 4

Initial Calibration Date: 20-JUL-2005

<- Indicates standard response outside Limits (-50 to +100%)

CLP Col						ZB35 Col				
Aroclor	Peak#	RT	Shift	Area	Amount	Peak#	RT	Shift	Area	Amount
Aroclor-1016	1	4.576	0.014	28574514	0.470	1	6.154	0.007	5348027	0.438
Aroclor-1016	2	5.193	0.009	59165989	0.449	2	6.712	0.007	11143654	0.434
Aroclor-1016	3	5.365	0.010	23409985	0.412	3	6.900	0.006	4218720	0.436
Aroclor-1016	4	5.879	0.008	21350745	0.409	4	7.518	0.007	3308578	0.488
Total Col1Ave (4 peaks): 0.435					Total Col2Ave (4 peaks): 0.449					RPD = 3
Corrected Ave (4 peaks): 0.435					Corrected Ave (4 peaks): 0.449					RPD = 3
Aroclor-1260	1	8.119	0.004	25009907	0.470	1	9.753	0.005	3765372	0.523
Aroclor-1260	2	8.402	0.004	29123990	0.515	2	10.152	0.004	4410969	0.517
Aroclor-1260	3	8.757	0.004	65323276	0.541	3	10.366	0.005	9383927	0.541
Aroclor-1260	4	9.083	0.003	40494427	0.437	4	10.817	0.004	2356372	0.521
Aroclor-1260	5	9.167	0.005	14934080	0.491	5	10.872	0.005	5799956	0.531
Total Col1Ave (5 peaks): 0.491					Total Col2Ave (5 peaks): 0.527					RPD = 7
Corrected Ave (5 peaks): 0.491					Corrected Ave (5 peaks): 0.527					RPD = 7

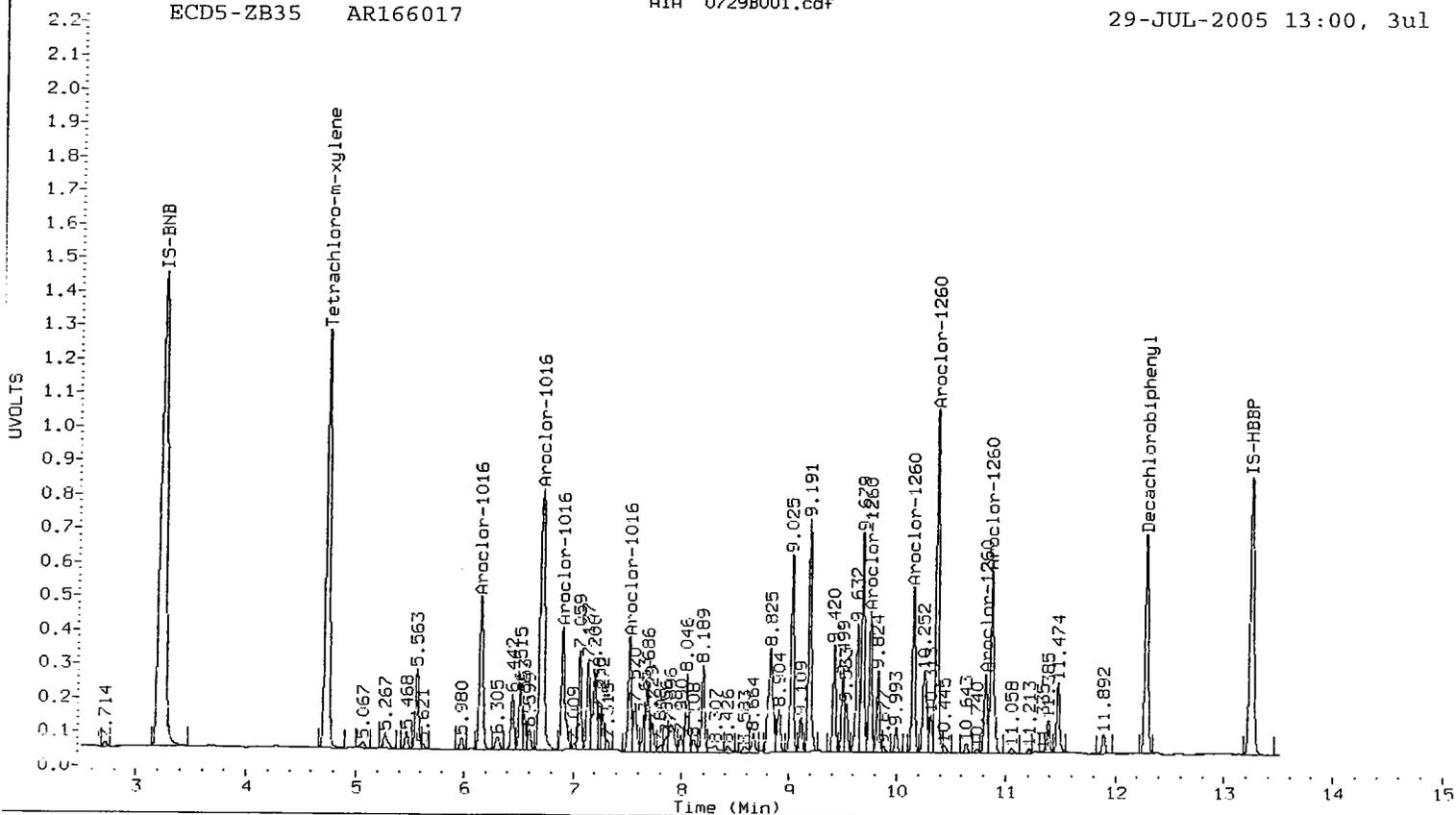
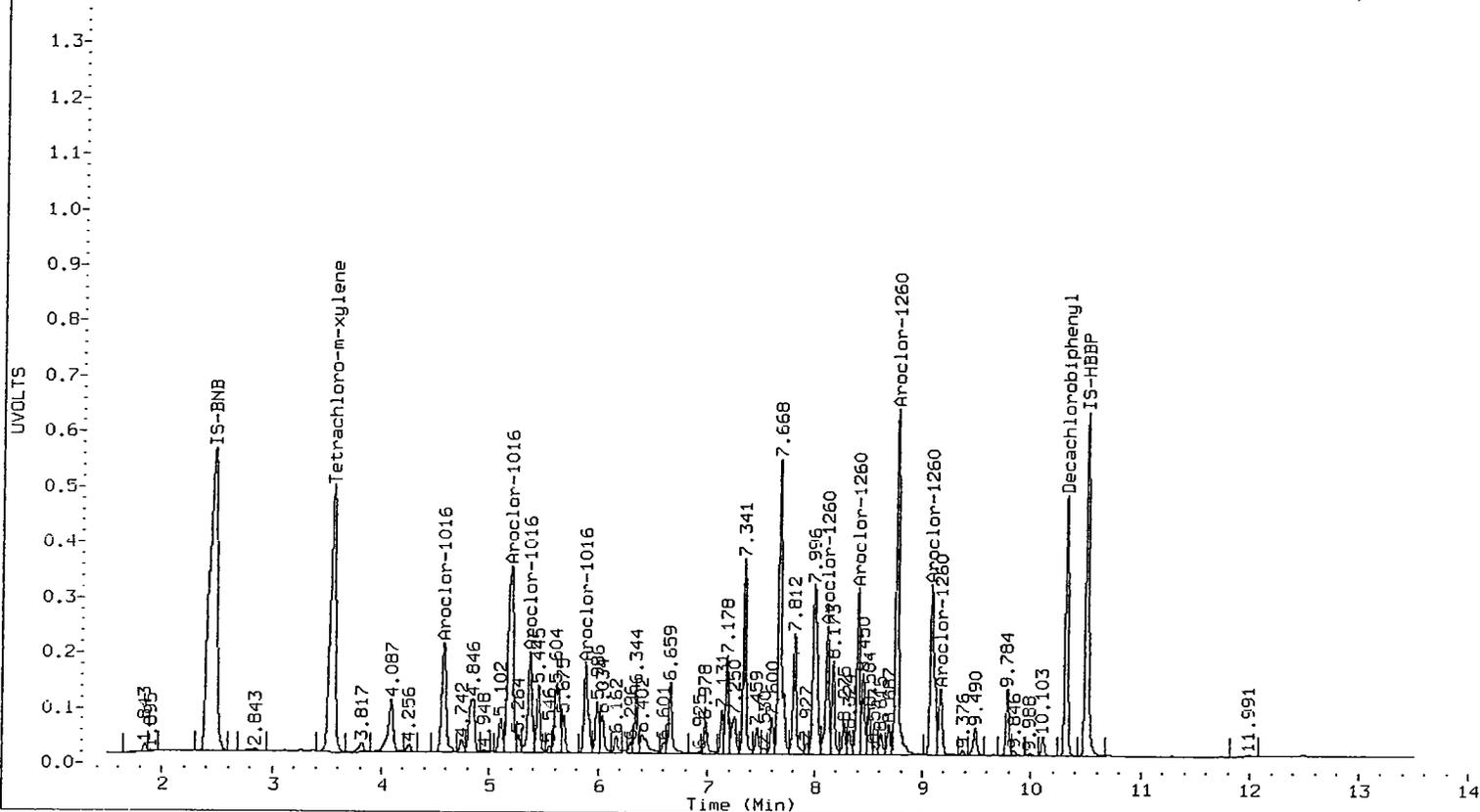
Total PCB Area Col1 (3.642 - 10.391) = 818642611

Col1 Total PCB = 1.0 ppm*

Total PCB Area Col2 (4.829 - 10.391) = 118261853

Col2 Total PCB = 1.1 ppm*

* Quantitated against AR1660 0.5ppm in Ical



7F
PCB CALIBRATION VERIFICATION SUMMARY

Lab Name: ANALYTICAL RESOURCES, INC

Client: ANCHOR

ARI Job No.: IH28

Project: KC FORMER SCOTT MILL

GC Column: CLP-PEST

Intrument: ECD5

Init. Calib. Date: 07/20/05

Date Analyzed :07/29/05

Lab Standard ID: AR12549

Time Analyzed :1317

COMPOUND/PEAK NO.	RT	RT WINDOW		CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
		FROM	TO			
Aroclor-1254-1	6.66	6.61	6.71	0.48	0.50	-4.2
Aroclor-1254-2	6.99	6.93	7.03	0.47	0.50	-5.6
Aroclor-1254-3	7.13	7.08	7.18	0.47	0.50	-5.6
Aroclor-1254-4	7.46	7.41	7.51	0.43	0.50	-14.7

AVERAGE %D = 7.5

7F
PCB CALIBRATION VERIFICATION SUMMARY

Lab Name: ANALYTICAL RESOURCES, INC

Client: ANCHOR

ARI Job No.: IH28

Project: KC FORMER SCOTT MILL

GC Column: ZB35

Intrument: ECD5

Init. Calib. Date: 07/20/05

Date Analyzed :07/29/05

Lab Standard ID: AR12549

Time Analyzed :1317

COMPOUND/PEAK NO.	RT	RT WINDOW		CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
		FROM	TO			
Aroclor-1254-1	8.19	8.14	8.24	0.46	0.50	-7.2
Aroclor-1254-2	8.66	8.61	8.71	0.46	0.50	-8.1
Aroclor-1254-3	8.80	8.74	8.84	0.45	0.50	-10.4
Aroclor-1254-4	9.49	9.43	9.53	0.45	0.50	-9.1

AVERAGE %D = 8.7

Analytical Resources Inc.
Dual Column PCB Quantitation Report

Data file 1: 20050720.b/0729-1.b/0729B002.d
Data file 2: 20050720.b/0729-2.b/0729B002.d
Method: /chem2/ecd5.i/20050720.b/PCB1.m
Compound Sublist: AR1254
Instrument, Inj. Vol.: ecd5.i, 3ul
Quant Method: Internal Std

ARI ID: AR12549
Client ID:
Injection Date: 29-JUL-2005 13:17
Report Date: 08/02/2005 09:54
Matrix: NONE
Dilution Factor: 1.000

RT	CLP Col Shift	Response	RT	ZB35 Col Shift	Response	CLP on col	ZB35 on col	RPD	Compound/Flag
3.563	0.021	65831310	4.741	0.012	12268585	0.0382	0.0360	6.0	Tetrachloro-m-xylene
10.310	0.003	39513395	12.280	0.004	6141923	0.0401	0.0414	3.2	Decachlorobiphenyl

- * Indicates RPD > 40%
- M Indicates Column 1 peak was manually integrated
- N Indicates Column 2 peak was manually integrated

SURROGATE PERCENT RECOVERY

SURROGATE	Col1	Col2
Tetrachloro-m-xylene	95.4	89.9
Decachlorobiphenyl	100.3	103.5

INTERNAL STANDARD SUMMARY

Standard Cpnd	Column 1		%D
	Standard Area*	Sample Area	
Bromo-Nitrobenzene	125791287	121870386	-3.1
Hexabromobiphenyl	62776174	62138235	-1.0

Standard Cpnd	Column 2		%D
	Standard Area*	Sample Area	
Bromo-Nitrobenzene	23643829	25039342	5.9
Hexabromobiphenyl	10484374	9810726	-6.4

- * Standard Areas taken from Initial Cal Level 4
Initial Calibration Date: 20-JUL-2005
- <- Indicates standard response outside Limits (-50 to +100%)

CLP Col						ZB35 Col					
Aroclor	Peak#	RT	Shift	Area	Amount	Peak#	RT	Shift	Area	Amount	
Aroclor-1254	1	6.658	0.002	41872084	0.479	1	8.190	0.004	4849923	0.464	
Aroclor-1254	2	6.987	0.003	20445725	0.472	2	8.664	0.003	3685641	0.459	
Aroclor-1254	3	7.131	0.002	41928518	0.472	3	8.798	0.004	7035620	0.448	
Aroclor-1254	4	7.458	0.002	30135448	0.426	4	9.488	0.004	4138412	0.454	
Total Col1Ave (4 peaks):					0.462	Total Col2Ave (4 peaks):					0.456 RPD = 1
Corrected Ave (4 peaks):					0.462	Corrected Ave (4 peaks):					0.456 RPD = 1

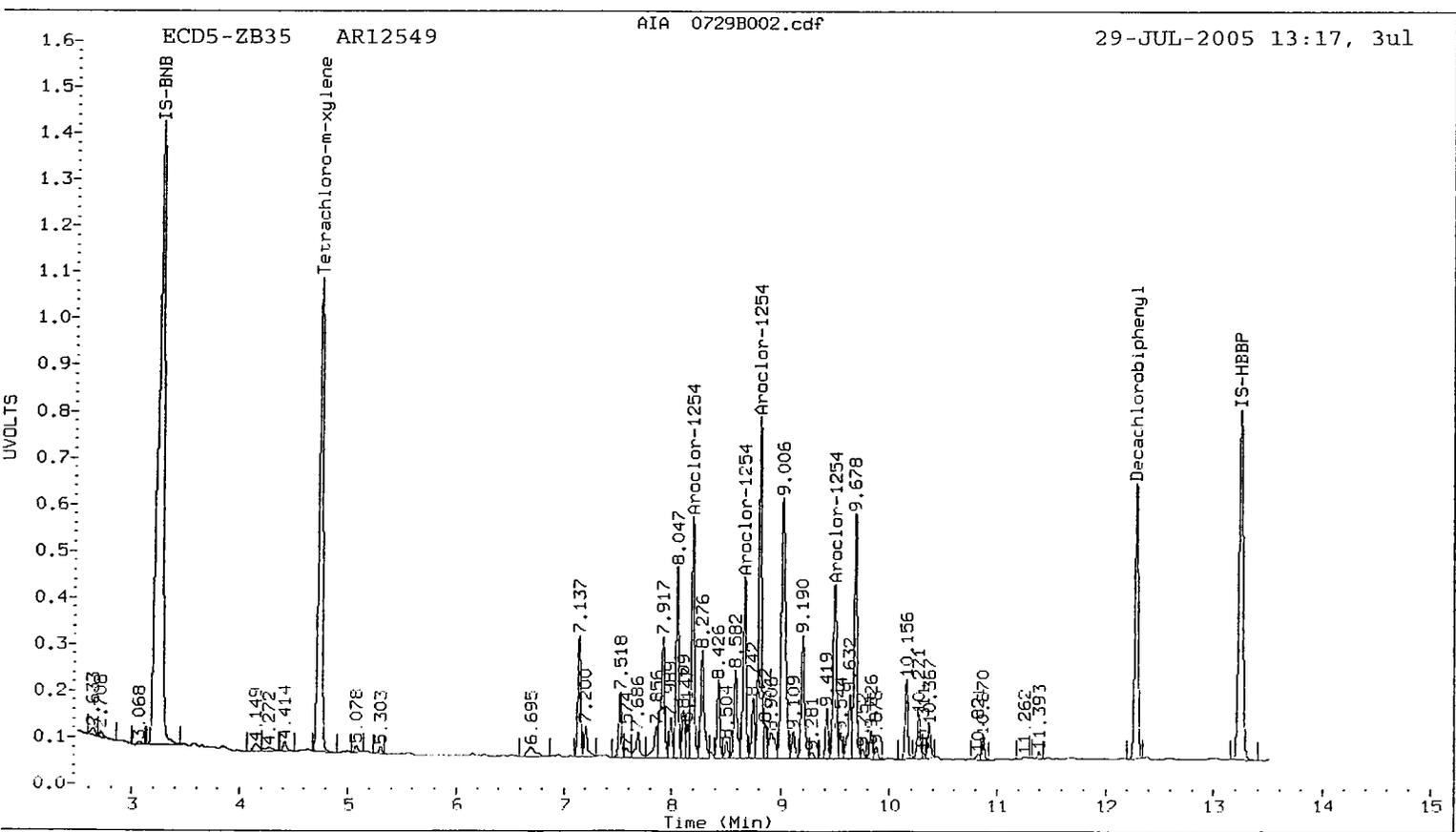
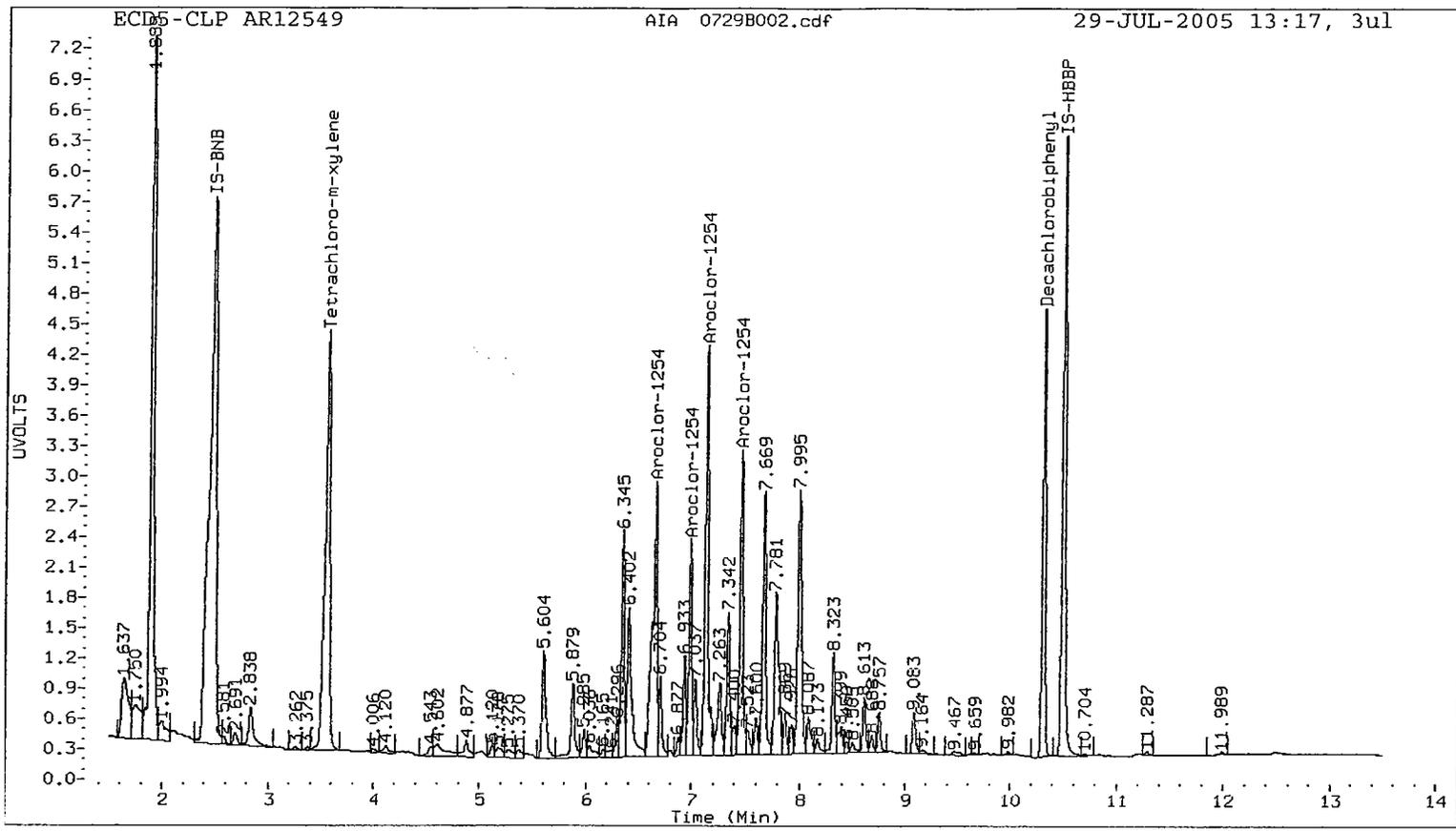
Total PCB Area Col1 (3.642 - 10.391) = 459810582

Col1 Total PCB = 0.6 ppm*

Total PCB Area Col2 (4.829 - 10.391) = 68498376

Col2 Total PCB = 0.6 ppm*

* Quantitated against AR1660 0.5ppm in Ical



7F
PCB CALIBRATION VERIFICATION SUMMARY

Lab Name: ANALYTICAL RESOURCES, INC

Client: ANCHOR

ARI Job No.: IH28

Project: KC FORMER SCOTT MILL

GC Column: CLP-PEST

Intrument: ECD5

Init. Calib. Date: 07/20/05

Date Analyzed :07/29/05

Lab Standard ID: AR12429

Time Analyzed :2221

COMPOUND/PEAK NO.	RT	RT WINDOW		CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
		FROM	TO			
Aroclor-1242-1	4.10	4.03	4.13	0.51	0.50	1.9
Aroclor-1242-2	5.20	5.14	5.24	0.48	0.50	-4.1
Aroclor-1242-3	5.37	5.31	5.41	0.51	0.50	1.5
Aroclor-1242-4	5.89	5.82	5.92	0.50	0.50	0.8

AVERAGE %D = 2.1

7F
PCB CALIBRATION VERIFICATION SUMMARY

Lab Name: ANALYTICAL RESOURCES, INC

Client: ANCHOR

ARI Job No.: IH28

Project: KC FORMER SCOTT MILL

GC Column: ZB35

Intrument: ECD5

Init. Calib. Date: 07/20/05

Date Analyzed :07/29/05

Lab Standard ID: AR12429

Time Analyzed :2221

COMPOUND/PEAK NO.	RT	RT WINDOW		CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
		FROM	TO			
Aroclor-1242-1	5.57	5.51	5.61	0.48	0.50	-3.5
Aroclor-1242-2	6.72	6.66	6.76	0.48	0.50	-4.6
Aroclor-1242-3	6.91	6.84	6.94	0.47	0.50	-5.5
Aroclor-1242-4	7.06	7.00	7.10	0.46	0.50	-7.8
Aroclor-1242-5	7.52	7.46	7.56	0.47	0.50	-5.1

AVERAGE %D = 5.3

Analytical Resources Inc.
Dual Column PCB Quantitation Report

Data file 1: 20050720.b/0729-1.b/0729B032.d
Data file 2: 20050720.b/0729-2.b/0729B032.d
Method: /chem2/ecd5.i/20050720.b/PCB1.m
Compound Sublist: AR1242
Instrument, Inj. Vol.: ecd5.i, 3ul
Quant Method: Internal Std

ARI ID: AR12429
Client ID:
Injection Date: 29-JUL-2005 22:21
Report Date: 08/02/2005 09:56
Matrix: NONE
Dilution Factor: 1.000

RT	CLP Col Shift Response	ZB35 Col Shift Response	CLP on col	ZB35 on col	RPD	Compound/Flag
3.565	0.023 37839804	4.744 0.015 6367141	0.0167	0.0161	3.9	Tetrachloro-m-xylene
10.318	0.011 54247191	12.285 0.009 5509288	0.0323	0.0306	5.4	Decachlorobiphenyl

- * Indicates RPD > 40%
- M Indicates Column 1 peak was manually integrated
- N Indicates Column 2 peak was manually integrated

SURROGATE PERCENT RECOVERY

SURROGATE	Col1	Col2
Tetrachloro-m-xylene	41.8	40.2
Decachlorobiphenyl	80.7	76.5

INTERNAL STANDARD SUMMARY

Standard Cpnd	Column 1		%D
	Standard Area*	Sample Area	
Bromo-Nitrobenzene	125791287	159944921	27.2
Hexabromobiphenyl	62776174	105966101	68.8

Standard Cpnd	Column 2		%D
	Standard Area*	Sample Area	
Bromo-Nitrobenzene	23643829	29078705	23.0
Hexabromobiphenyl	10484374	11915094	13.6

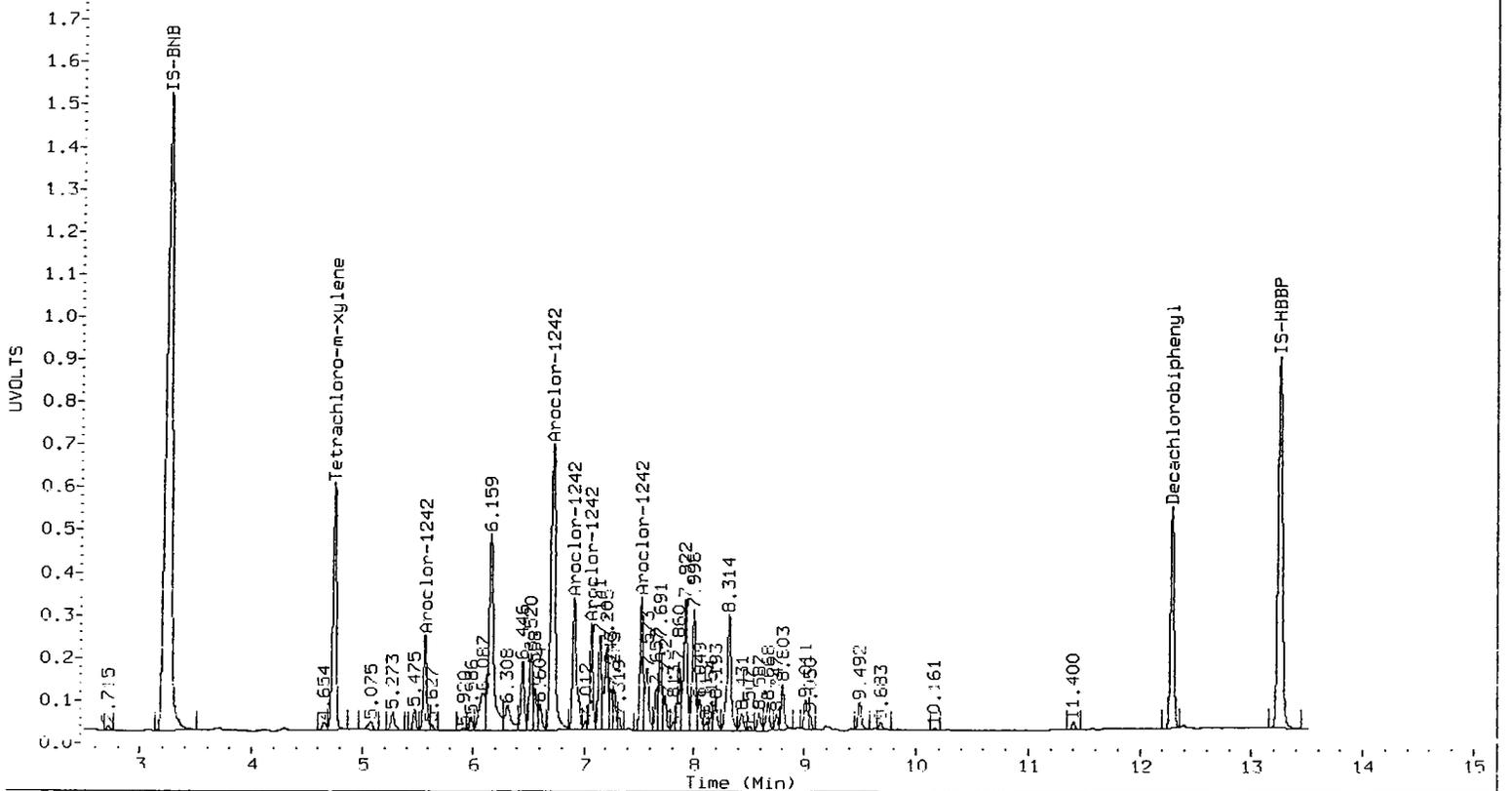
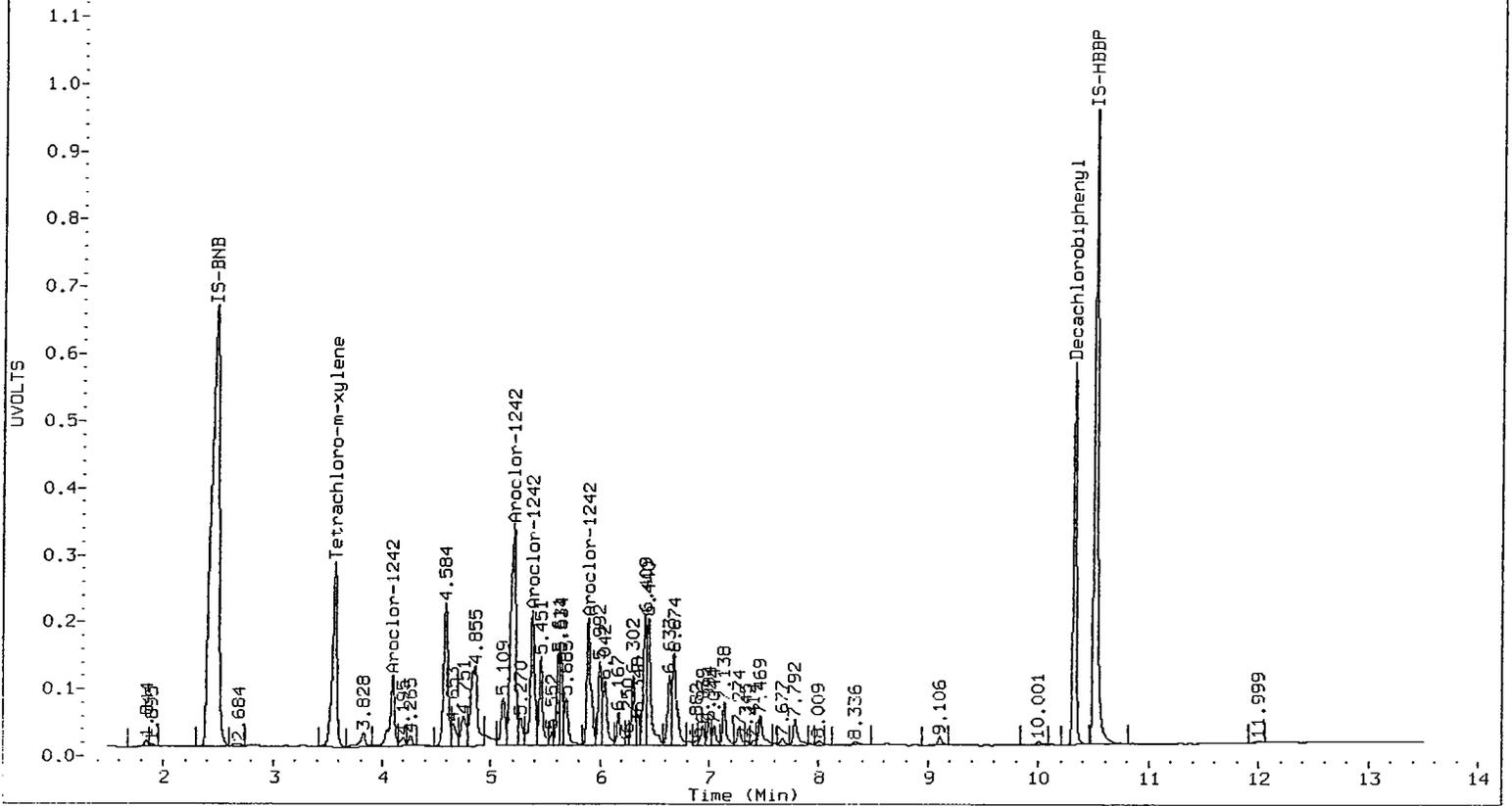
* Standard Areas taken from Initial Cal Level 4
Initial Calibration Date: 20-JUL-2005
<- Indicates standard response outside Limits (-50 to +100%)

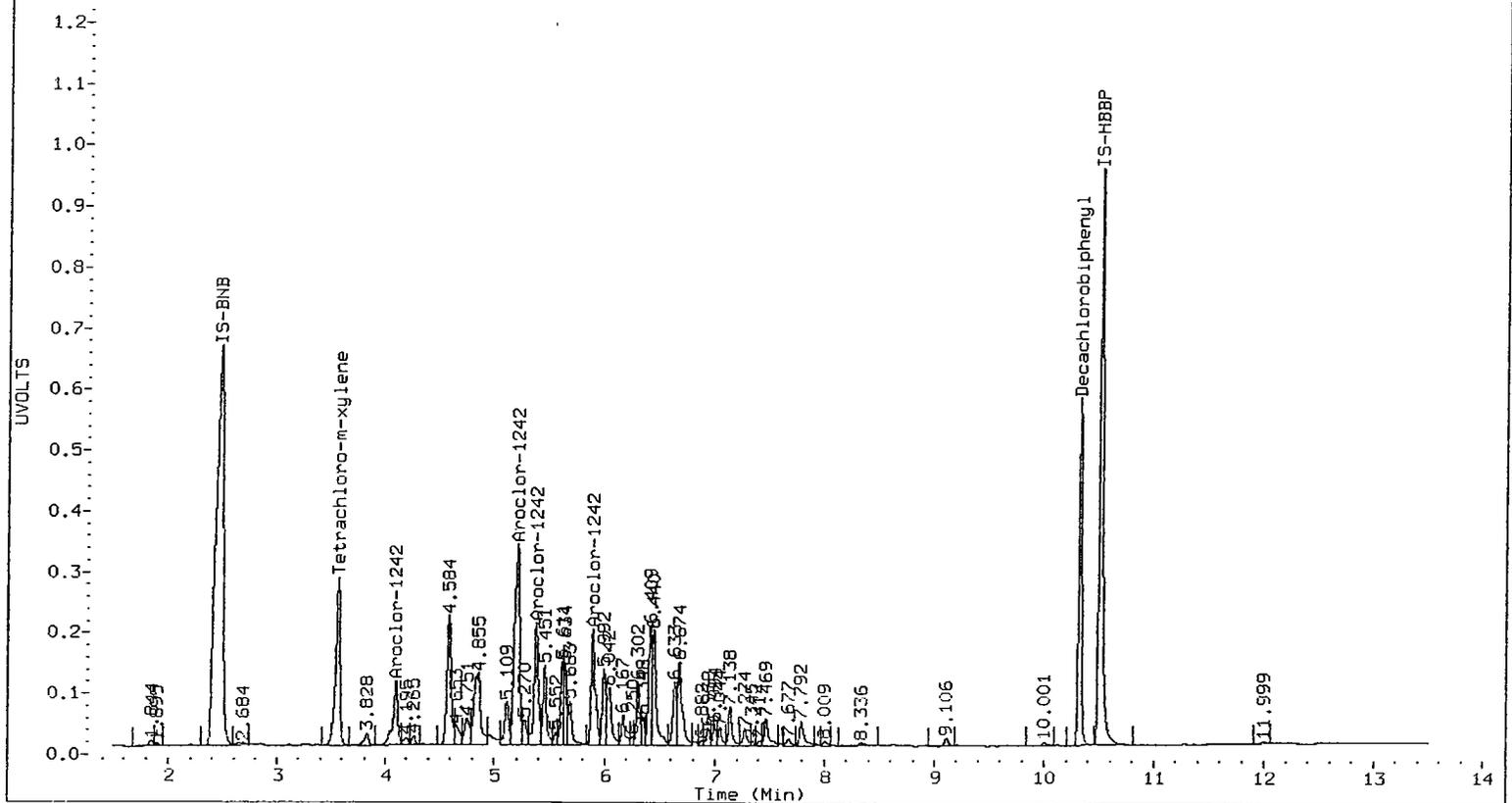
CLP Col					ZB35 Col					
Aroclor	Peak#	RT	Shift	Area	Amount	Peak#	RT	Shift	Area	Amount
Aroclor-1242	1	4.097	0.018	16216141	0.509	1	5.569	0.012	2295566	0.482
Aroclor-1242	2	5.204	0.015	53689280	0.480	2	6.717	0.011	10057202	0.477
Aroclor-1242	3	5.372	0.013	26888163	0.507	3	6.905	0.011	3884545	0.473
Aroclor-1242	4	5.886	0.012	25379988	0.504	4	7.064	0.010	2362335	0.461
Aroclor-1242	NS	---	---	---	---	5	7.522	0.010	3010949	0.475
Total Col1Ave (4 peaks): 0.500					Total Col2Ave (5 peaks): 0.474					RPD = 5
Corrected Ave (4 peaks): 0.500					Corrected Ave (5 peaks): 0.474					RPD = 5

Total PCB Area Col1 (3.642 - 10.391) = 486670296 Col1 Total PCB = 0.6 ppm*

Total PCB Area Col2 (4.829 - 10.391) = 69390720 Col2 Total PCB = 0.6 ppm*

* Quantitated against AR1660 0.5ppm in Ical





7F
PCB CALIBRATION VERIFICATION SUMMARY

Lab Name: ANALYTICAL RESOURCES, INC

Client: ANCHOR

ARI Job No.: IH28

Project: KC FORMER SCOTT MILL

GC Column: CLP-PEST

Intrument: ECD5

Init. Calib. Date: 07/20/05

Date Analyzed :07/29/05

Lab Standard ID: AR166018

Time Analyzed :2238

COMPOUND/PEAK NO.	RT	RT WINDOW		CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
		FROM	TO			
Aroclor-1016-1	4.58	4.51	4.61	0.51	0.50	1.1
Aroclor-1016-2	5.20	5.13	5.23	0.51	0.50	1.6
Aroclor-1016-3	5.37	5.30	5.41	0.52	0.50	3.8
Aroclor-1016-4	5.88	5.82	5.92	0.53	0.50	5.2

AVERAGE %D = 2.9

Date Analyzed :07/29/05

Lab Standard ID: AR166018

Time Analyzed :2238

COMPOUND/PEAK NO.	RT	RT WINDOW		CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
		FROM	TO			
Aroclor-1260-1	8.12	8.06	8.16	0.39	0.50	-23.0
Aroclor-1260-2	8.41	8.35	8.45	0.42	0.50	-15.4
Aroclor-1260-3	8.76	8.70	8.80	0.46	0.50	-8.2
Aroclor-1260-4	9.09	9.03	9.13	0.40	0.50	-19.4
Aroclor-1260-5	9.17	9.11	9.21	0.48	0.50	-3.3

AVERAGE %D = 13.9

7F
PCB CALIBRATION VERIFICATION SUMMARY

Lab Name: ANALYTICAL RESOURCES, INC

Client: ANCHOR

ARI Job No.: IH28

Project: KC FORMER SCOTT MILL

GC Column: ZB35

Intrument: ECD5

Init. Calib. Date: 07/20/05

Date Analyzed :07/29/05

Lab Standard ID: AR166018

Time Analyzed :2238

COMPOUND/PEAK NO.	RT	RT WINDOW		CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
		FROM	TO			
Aroclor-1016-1	6.16	6.10	6.20	0.50	0.50	-0.7
Aroclor-1016-2	6.72	6.66	6.76	0.49	0.50	-2.8
Aroclor-1016-3	6.90	6.84	6.94	0.51	0.50	1.2
Aroclor-1016-4	7.52	7.46	7.56	0.53	0.50	5.9

AVERAGE %D = 2.7

Date Analyzed :07/29/05

Lab Standard ID: AR166018

Time Analyzed :2238

COMPOUND/PEAK NO.	RT	RT WINDOW		CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
		FROM	TO			
Aroclor-1260-1	9.76	9.70	9.80	0.56	0.50	12.3
Aroclor-1260-2	10.16	10.10	10.20	0.54	0.50	8.5
Aroclor-1260-3	10.37	10.31	10.41	0.55	0.50	9.4
Aroclor-1260-4	10.82	10.76	10.86	0.52	0.50	4.4
Aroclor-1260-5	10.88	10.82	10.92	0.54	0.50	8.7

AVERAGE %D = 8.7

Analytical Resources Inc.
Dual Column PCB Quantitation Report

Data file 1: 20050720.b/0729-1.b/0729B033.d
Data file 2: 20050720.b/0729-2.b/0729B033.d
Method: /chem2/ecd5.i/20050720.b/PCB1.m
Compound Sublist: AR1660
Instrument, Inj. Vol.: ecd5.i, 3ul
Quant Method: Internal Std

ARI ID: AR166018
Client ID:
Injection Date: 29-JUL-2005 22:38
Report Date: 08/02/2005 09:56
Matrix: NONE
Dilution Factor: 1.000

RT	CLP Col Shift Response	ZB35 Col Shift Response	CLP on col	ZB35 on col	RPD	Compound/Flag
3.563	0.021 97935315	4.743 0.014 16703608	0.0424	0.0419	1.2	Tetrachloro-m-xylene
10.317	0.010 75633437	12.285 0.010 7645780	0.0436	0.0416	4.6	Decachlorobiphenyl

- * Indicates RPD > 40%
- M Indicates Column 1 peak was manually integrated
- N Indicates Column 2 peak was manually integrated

SURROGATE PERCENT RECOVERY

SURROGATE	Col1	Col2
Tetrachloro-m-xylene	105.9	104.6
Decachlorobiphenyl	109.0	104.1

INTERNAL STANDARD SUMMARY

Standard Cpnd	Column 1		%D
	Standard Area*	Sample Area	
Bromo-Nitrobenzene	125791287	163425117	29.9
Hexabromobiphenyl	62776174	109466189	74.4

Standard Cpnd	Column 2		%D
	Standard Area*	Sample Area	
Bromo-Nitrobenzene	23643829	29296869	23.9
Hexabromobiphenyl	10484374	12147915	15.9

* Standard Areas taken from Initial Cal Level 4
Initial Calibration Date: 20-JUL-2005
<- Indicates standard response outside Limits (-50 to +100%)

CLP Col

ZB35 Col

Aroclor	Peak#	RT	Shift	Area	Amount	Peak#	RT	Shift	Area	Amount
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Aroclor-1016	1	4.582	0.020	36524235	0.505	1	6.159	0.013	6550700	0.496
Aroclor-1016	2	5.201	0.017	79546925	0.508	2	6.717	0.011	13468971	0.486
Aroclor-1016	3	5.371	0.016	35036555	0.519	3	6.905	0.011	5289467	0.506
Aroclor-1016	4	5.885	0.014	32613319	0.526	4	7.521	0.009	3876842	0.530

Total CollAve (4 peaks): 0.515 Total Col2Ave (4 peaks): 0.504 RPD = 2
 Corrected Ave (4 peaks): 0.515 Corrected Ave (4 peaks): 0.504 RPD = 2

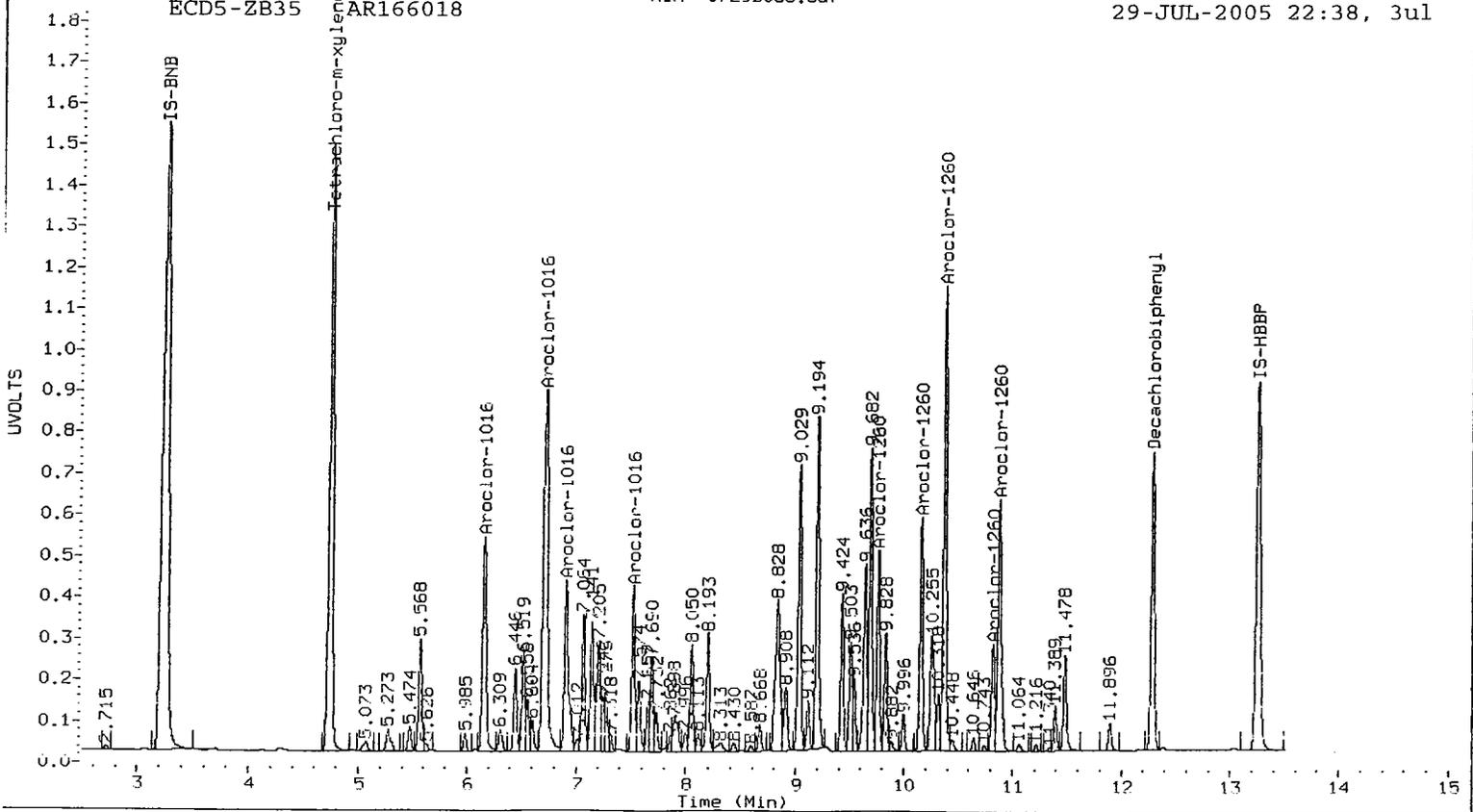
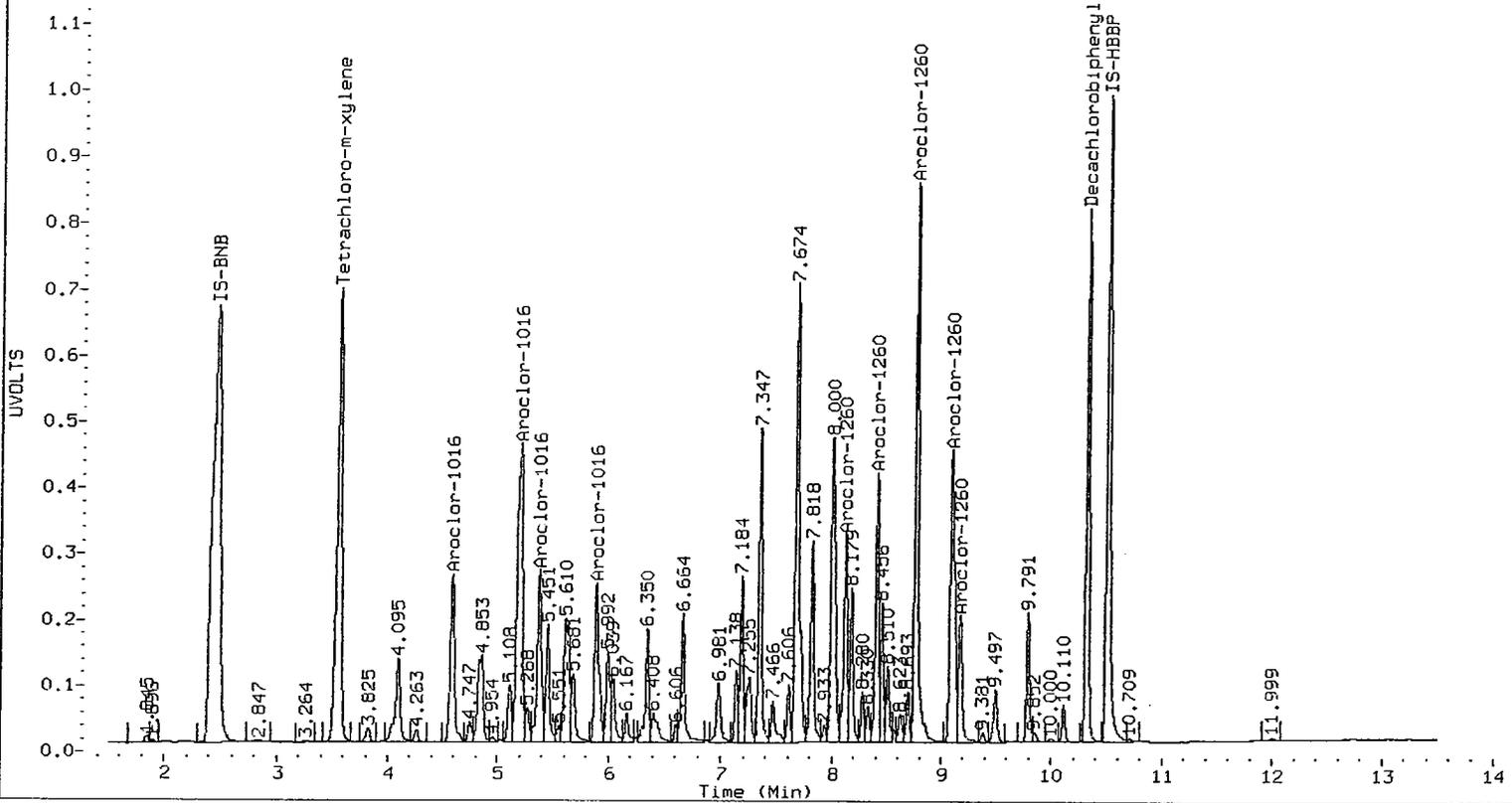
Aroclor-1260	1	8.125	0.010	35113583	0.385	1	9.757	0.009	4607328	0.561
Aroclor-1260	2	8.408	0.010	40946221	0.423	2	10.156	0.008	5283854	0.543
Aroclor-1260	3	8.764	0.011	94933751	0.459	3	10.370	0.008	10824219	0.547
Aroclor-1260	4	9.090	0.010	63942626	0.403	4	10.820	0.008	2691166	0.522
Aroclor-1260	5	9.172	0.010	25157645	0.483	5	10.876	0.010	6763972	0.543

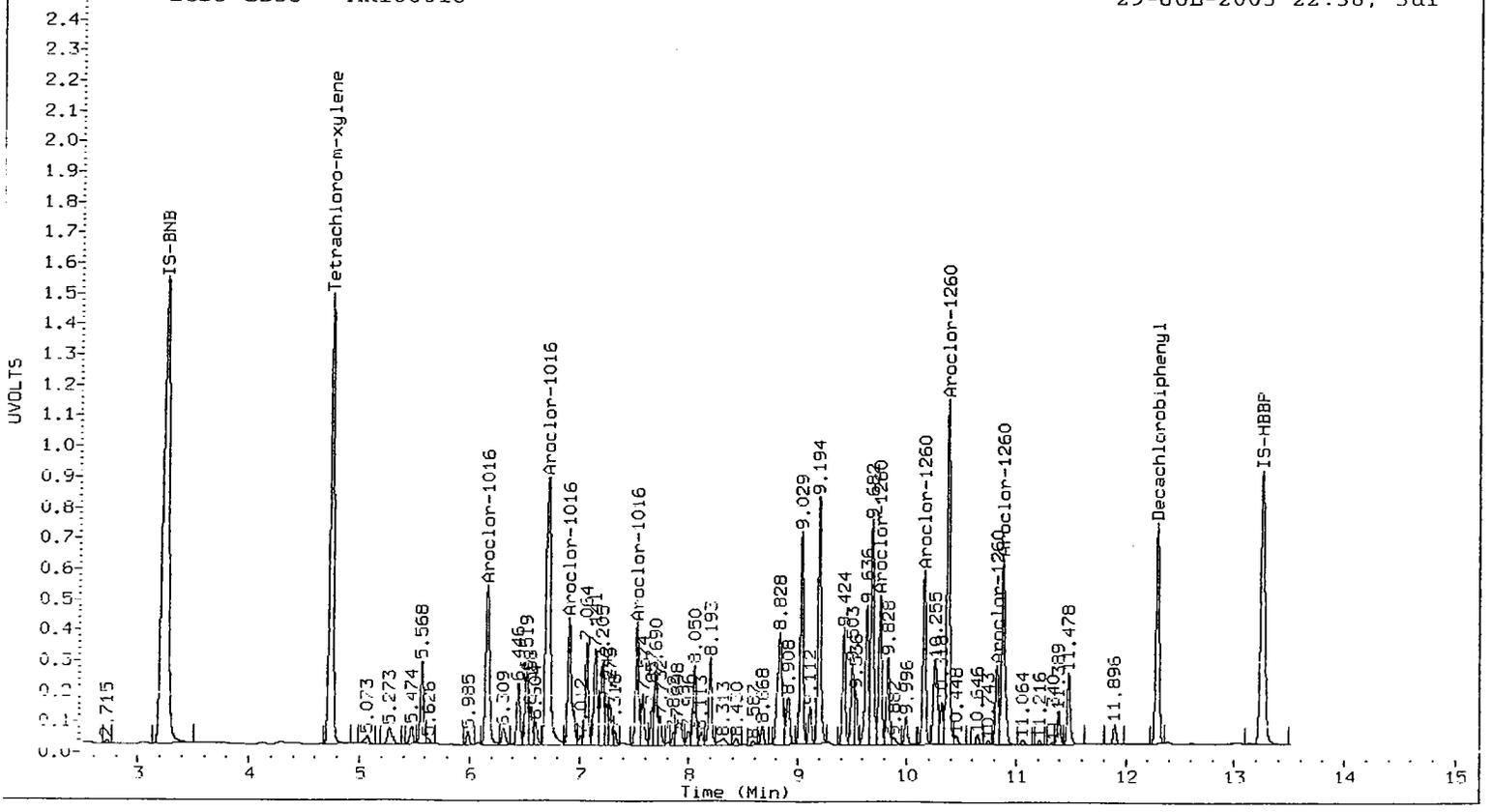
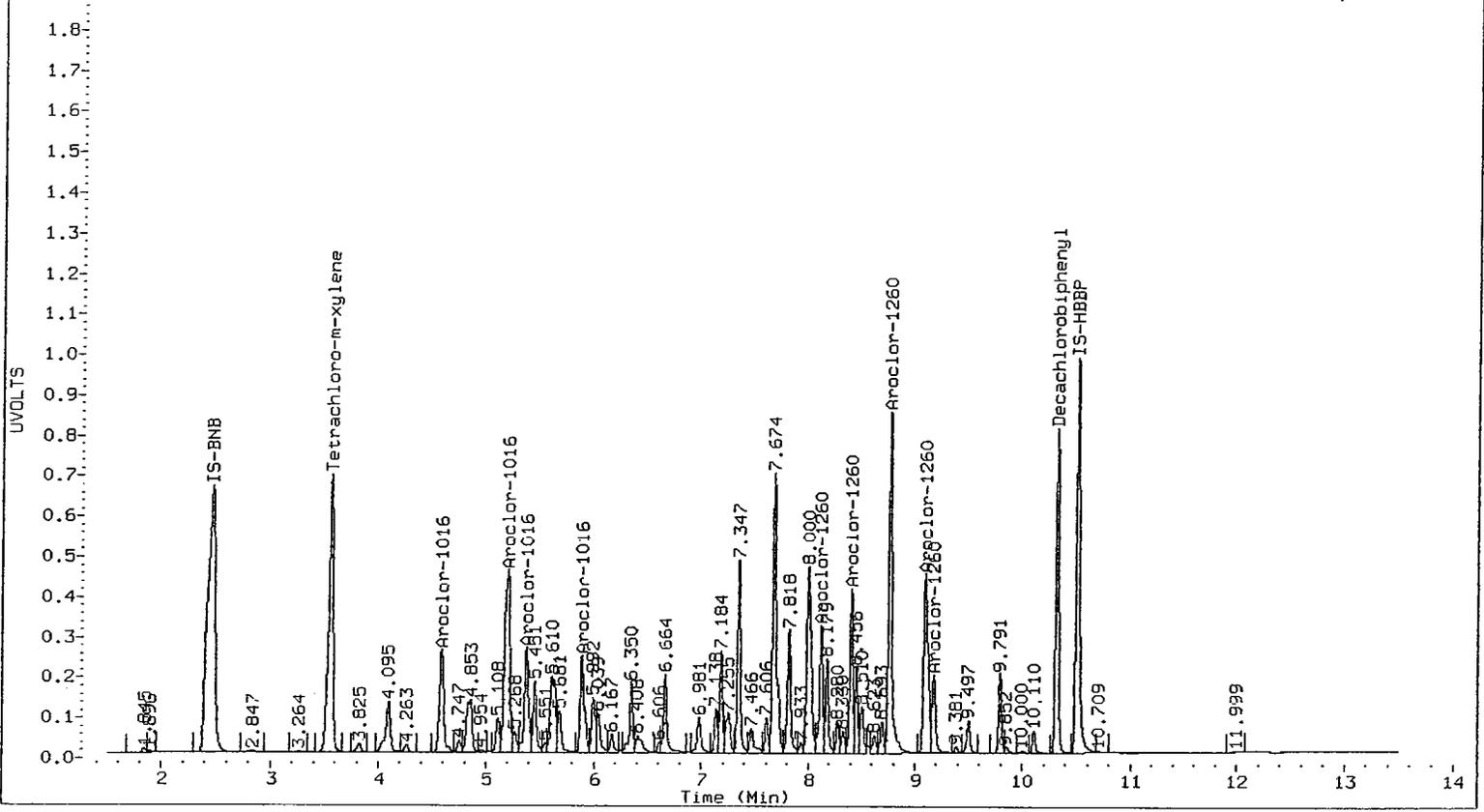
Total CollAve (5 peaks): 0.431 Total Col2Ave (5 peaks): 0.543 RPD = 23
 Corrected Ave (5 peaks): 0.431 Corrected Ave (5 peaks): 0.543 RPD = 23

Total PCB Area Coll (3.642 - 10.391) = 1185754632 Coll Total PCB = 1.4 ppm*

Total PCB Area Col2 (4.829 - 10.391) = 140593504 Col2 Total PCB = 1.3 ppm*

* Quantitated against AR1660 0.5ppm in Ical





7F
PCB CALIBRATION VERIFICATION SUMMARY

Lab Name: ANALYTICAL RESOURCES, INC

Client: ANCHOR

ARI Job No.: IH28

Project: KC FORMER SCOTT MILL

GC Column: CLP-PEST

Intrument: ECD5

Init. Calib. Date: 07/20/05

Date Analyzed :07/30/05

Lab Standard ID: AR12489

Time Analyzed :0418

COMPOUND/PEAK NO.	RT	RT WINDOW		CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
		FROM	TO			
Aroclor-1248-1	5.20	5.13	5.24	0.48	0.50	-3.4
Aroclor-1248-2	5.88	5.82	5.92	0.51	0.50	1.7
Aroclor-1248-3	5.99	5.93	6.03	0.52	0.50	4.2
Aroclor-1248-4	6.41	6.35	6.45	0.49	0.50	-2.9

AVERAGE %D = 3.1

7F
PCB CALIBRATION VERIFICATION SUMMARY

Lab Name: ANALYTICAL RESOURCES, INC

Client: ANCHOR

ARI Job No.: IH28

Project: KC FORMER SCOTT MILL

GC Column: ZB35

Intrument: ECD5

Init. Calib. Date: 07/20/05

Date Analyzed :07/30/05

Lab Standard ID: AR12489

Time Analyzed :0418

COMPOUND/PEAK NO.	RT	RT WINDOW		CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
		FROM	TO			
=====	=====	=====	=====	=====	=====	=====
Aroclor-1248-1	6.72	6.65	6.75	0.51	0.50	1.3
Aroclor-1248-2	7.14	7.08	7.18	0.51	0.50	2.8
Aroclor-1248-3	7.52	7.46	7.56	0.51	0.50	1.8
Aroclor-1248-4	7.92	7.86	7.96	0.49	0.50	-2.4

AVERAGE %D = 2.1

Analytical Resources Inc.
Dual Column PCB Quantitation Report

Data file 1: 20050720.b/0729-1.b/0729B053.d
Data file 2: 20050720.b/0729-2.b/0729B053.d
Method: /chem2/ecd5.i/20050720.b/PCB1.m
Compound Sublist: AR1248
Instrument, Inj. Vol.: ecd5.i, 3ul
Quant Method: Internal Std

ARI ID: AR12489
Client ID:
Injection Date: 30-JUL-2005 04:18
Report Date: 08/02/2005 09:58
Matrix: NONE
Dilution Factor: 1.000

RT	CLP Col Shift Response	ZB35 Col Shift Response	RT	ZB35 Col Shift Response	CLP on col	ZB35 on col	RPD	Compound/Flag
3.562	0.021 39611097	4.742 0.013 6643342	4.742	0.013 6643342	0.0182	0.0184	1.1	Tetrachloro-m-xylene
10.318	0.011 68235953	12.285 0.010 6036505	12.285	0.010 6036505	0.0359	0.0354	1.6	Decachlorobiphenyl

- * Indicates RPD > 40%
- M Indicates Column 1 peak was manually integrated
- N Indicates Column 2 peak was manually integrated

SURROGATE PERCENT RECOVERY

SURROGATE	Col1	Col2
Tetrachloro-m-xylene	45.5	46.0
Decachlorobiphenyl	89.8	88.4

INTERNAL STANDARD SUMMARY

Standard Cpnd	Column 1		
	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	125791287	153874962	22.3
Hexabromobiphenyl	62776174	119779747	90.8

Standard Cpnd	Column 2		
	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	23643829	26511689	12.1
Hexabromobiphenyl	10484374	11286776	7.7

- * Standard Areas taken from Initial Cal Level 4
Initial Calibration Date: 20-JUL-2005
- <- Indicates standard response outside Limits (-50 to +100%)

CLP Col					ZB35 Col					
Aroclor	Peak#	RT	Shift	Area	Amount	Peak#	RT	Shift	Area	Amount
Aroclor-1248	1	5.199	0.014	40812391	0.483	1	6.716	0.012	7221759	0.507
Aroclor-1248	2	5.884	0.010	39351593	0.508	2	7.140	0.008	3997263	0.514
Aroclor-1248	3	5.991	0.011	23430667	0.521	3	7.521	0.008	4560345	0.509
Aroclor-1248	4	6.408	0.012	35343318	0.485	4	7.922	0.009	6141716	0.488
Total CollAve (4 peaks): 0.499					Total Col2Ave (4 peaks): 0.505					RPD = 1
Corrected Ave (4 peaks): 0.499					Corrected Ave (4 peaks): 0.505					RPD = 1

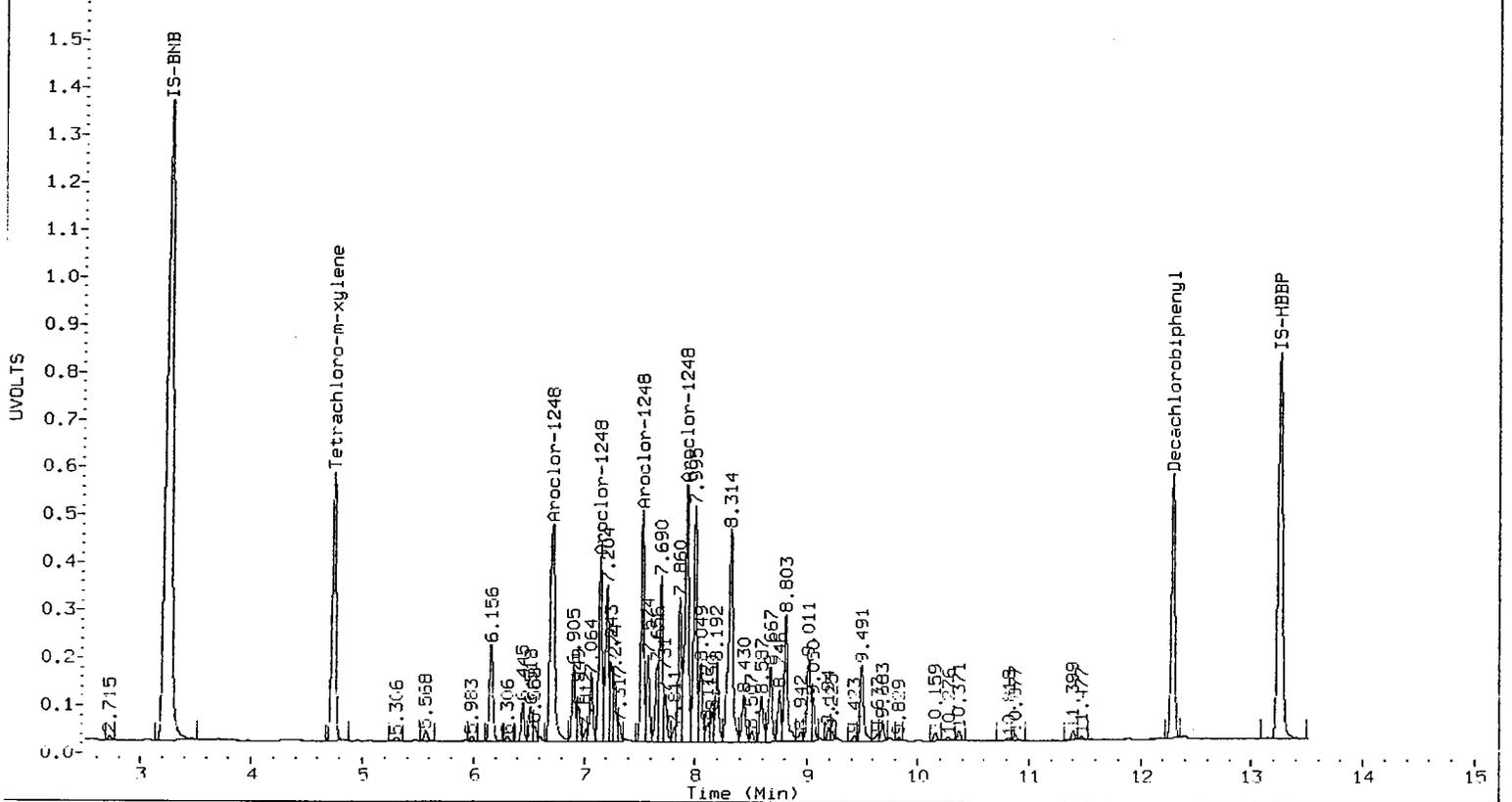
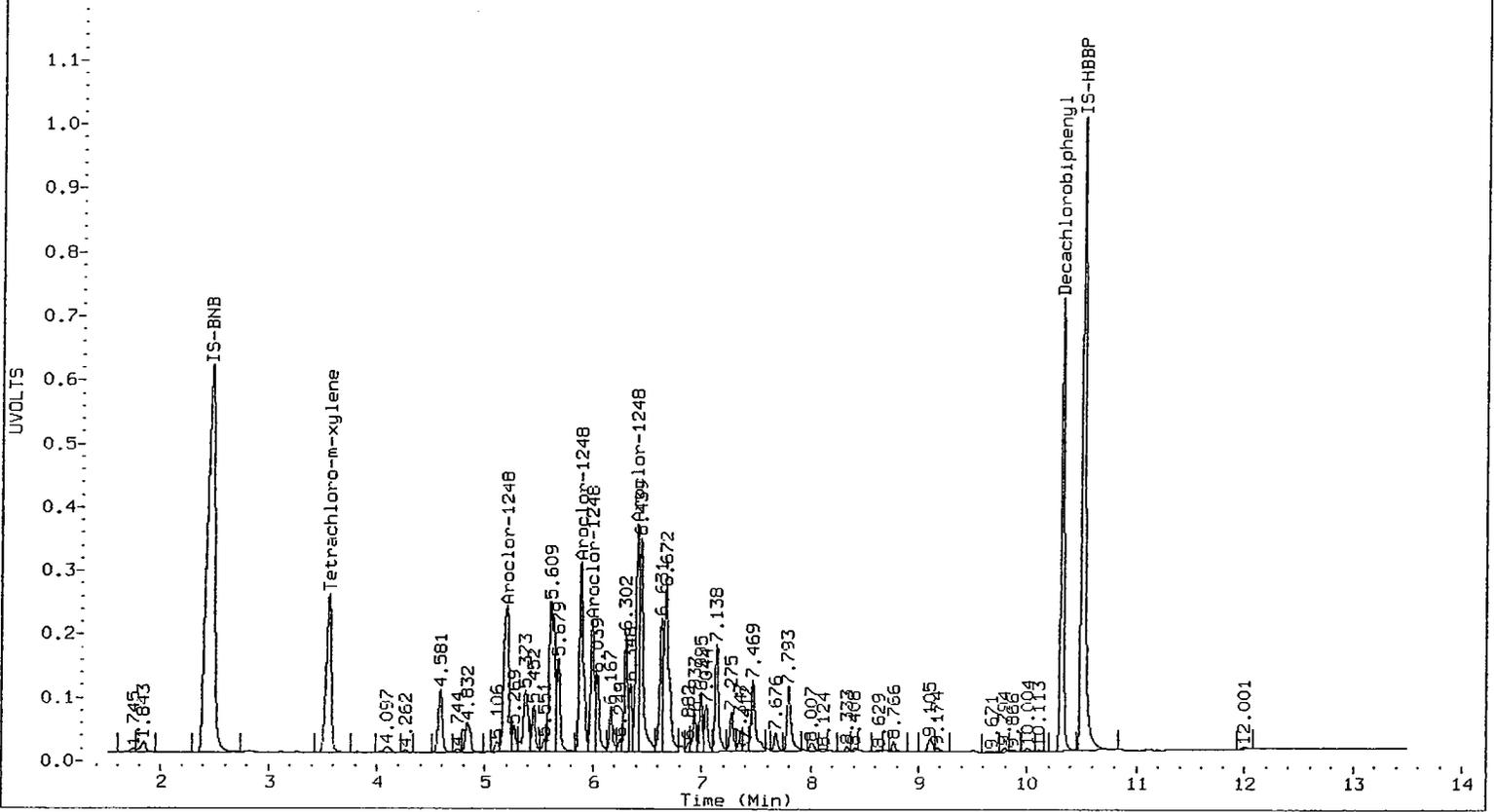
Total PCB Area Col1 (3.642 - 10.391) = 580273781

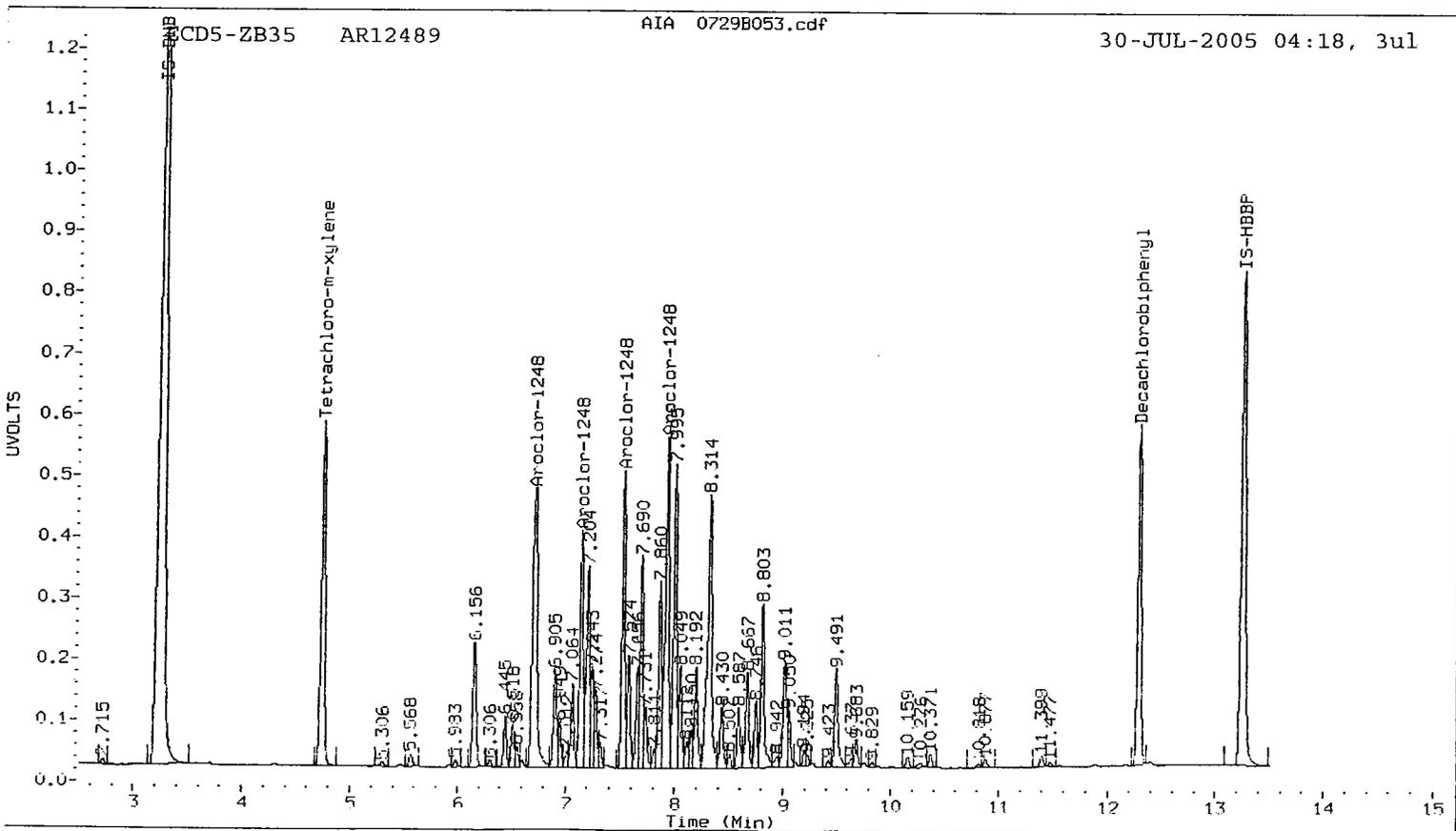
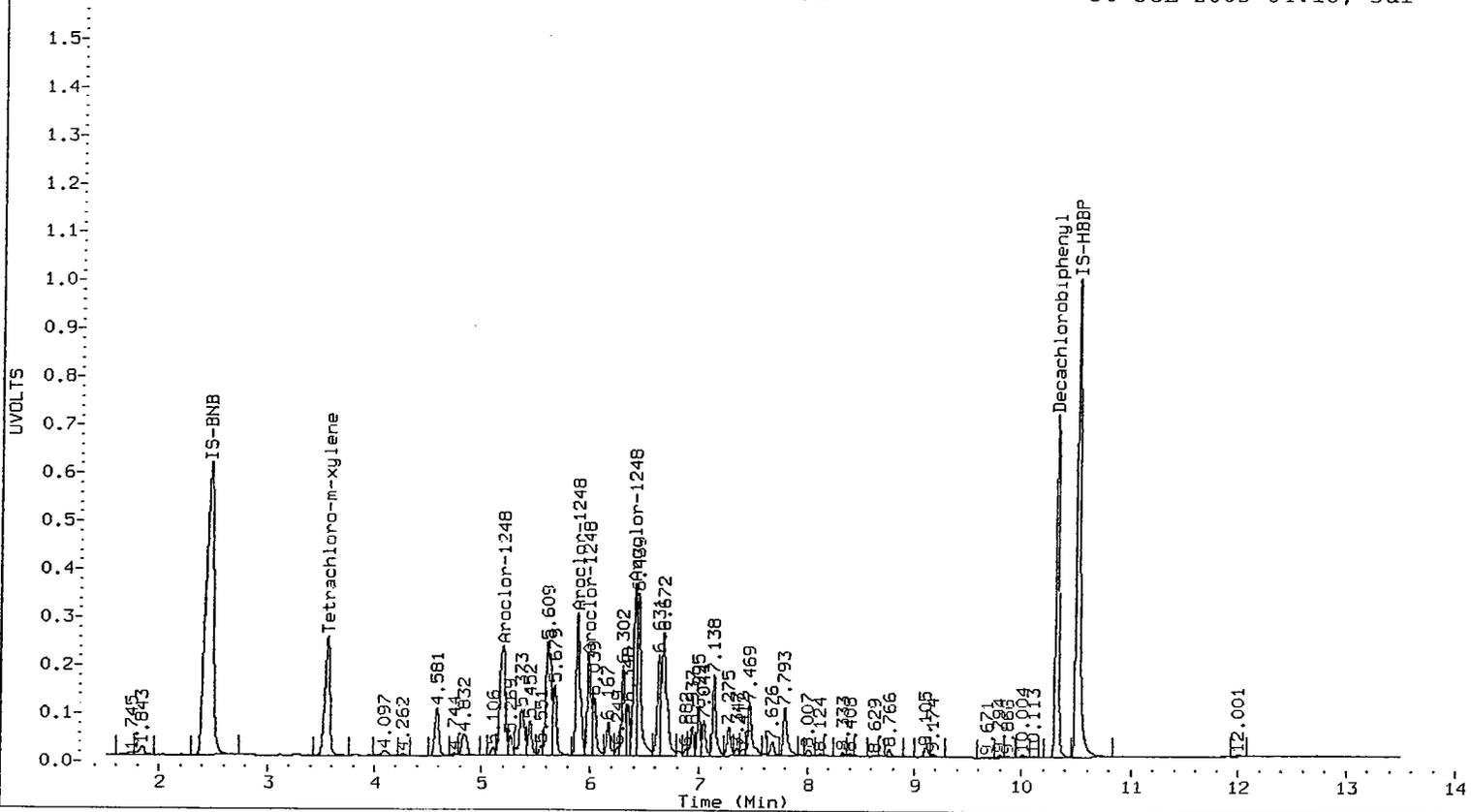
Col1 Total PCB = 0.7 ppm*

Total PCB Area Col2 (4.829 - 10.391) = 77693918

Col2 Total PCB = 0.7 ppm*

* Quantitated against AR1660 0.5ppm in Ical





7F
PCB CALIBRATION VERIFICATION SUMMARY

Lab Name: ANALYTICAL RESOURCES, INC

Client: ANCHOR

ARI Job No.: IH28

Project: KC FORMER SCOTT MILL

GC Column: CLP-PEST

Intrument: ECD5

Init. Calib. Date: 07/20/05

Date Analyzed :07/30/05

Lab Standard ID: AR166019

Time Analyzed :0435

COMPOUND/PEAK NO.	RT	RT WINDOW		CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
		FROM	TO			
=====	=====	=====	=====	=====	=====	=====
Aroclor-1016-1	4.58	4.51	4.61	0.51	0.50	1.5
Aroclor-1016-2	5.20	5.13	5.23	0.51	0.50	1.6
Aroclor-1016-3	5.37	5.30	5.41	0.52	0.50	3.6
Aroclor-1016-4	5.89	5.82	5.92	0.53	0.50	6.1

AVERAGE %D = 3.2

Date Analyzed :07/30/05

Lab Standard ID: AR166019

Time Analyzed :0435

COMPOUND/PEAK NO.	RT	RT WINDOW		CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
		FROM	TO			
=====	=====	=====	=====	=====	=====	=====
Aroclor-1260-3	8.77	8.70	8.80	0.43	0.50	-13.0
Aroclor-1260-4	9.09	9.03	9.13	0.39	0.50	-22.9
Aroclor-1260-5	9.17	9.11	9.21	0.47	0.50	-6.0

AVERAGE %D = 14.0

7F
PCB CALIBRATION VERIFICATION SUMMARY

Lab Name: ANALYTICAL RESOURCES, INC

Client: ANCHOR

ARI Job No.: IH28

Project: KC FORMER SCOTT MILL

GC Column: ZB35

Intrument: ECD5

Init. Calib. Date: 07/20/05

Date Analyzed :07/30/05

Lab Standard ID: AR166019

Time Analyzed :0435

COMPOUND/PEAK NO.	RT	RT WINDOW		CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
		FROM	TO			
Aroclor-1016-1	6.16	6.10	6.20	0.51	0.50	1.8
Aroclor-1016-2	6.72	6.66	6.76	0.49	0.50	-1.8
Aroclor-1016-3	6.91	6.84	6.94	0.51	0.50	1.4
Aroclor-1016-4	7.52	7.46	7.56	0.53	0.50	6.2

AVERAGE %D = 2.8

Date Analyzed :07/30/05

Lab Standard ID: AR166019

Time Analyzed :0435

COMPOUND/PEAK NO.	RT	RT WINDOW		CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
		FROM	TO			
Aroclor-1260-1	9.76	9.70	9.80	0.57	0.50	14.7
Aroclor-1260-2	10.16	10.10	10.20	0.56	0.50	11.1
Aroclor-1260-3	10.37	10.31	10.41	0.56	0.50	12.9
Aroclor-1260-4	10.82	10.76	10.86	0.54	0.50	7.3
Aroclor-1260-5	10.88	10.82	10.92	0.56	0.50	12.3

AVERAGE %D = 11.7

Analytical Resources Inc.
Dual Column PCB Quantitation Report

Data file 1: 20050720.b/0729-1.b/0729B054.d
Data file 2: 20050720.b/0729-2.b/0729B054.d
Method: /chem2/ecd5.i/20050720.b/PCB1.m
Compound Sublist: AR1660
Instrument, Inj. Vol.: ecd5.i, 3ul
Quant Method: Internal Std

ARI ID: AR166019
Client ID:
Injection Date: 30-JUL-2005 04:35
Report Date: 08/02/2005 09:58
Matrix: NONE
Dilution Factor: 1.000

RT	CLP Col Shift	Response	RT	ZB35 Col Shift	Response	CLP on col	ZB35 on col	RPD	Compound/Flag
3.565	0.023	81671881	4.745	0.016	13474494	0.0426	0.0427	0.2	Tetrachloro-m-xylene
10.319	0.012	72199469	12.286	0.011	6355553	0.0429	0.0422	1.5	Decachlorobiphenyl

- * Indicates RPD > 40%
- M Indicates Column 1 peak was manually integrated
- N Indicates Column 2 peak was manually integrated

SURROGATE PERCENT RECOVERY

SURROGATE	Col1	Col2
Tetrachloro-m-xylene	106.5	106.6
Decachlorobiphenyl	107.2	105.6

INTERNAL STANDARD SUMMARY

Standard Cpnd	Column 1		
	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	125791287	135540570	7.8
Hexabromobiphenyl	62776174	106193680	69.2

Standard Cpnd	Column 2		
	Standard Area*	Sample Area	%D
Bromo-Nitrobenzene	23643829	23187435	-1.9
Hexabromobiphenyl	10484374	9952751	-5.1

- * Standard Areas taken from Initial Cal Level 4
Initial Calibration Date: 20-JUL-2005
- <- Indicates standard response outside Limits (-50 to +100%)

CLP Col						ZB35 Col				
Aroclor	Peak#	RT	Shift	Area	Amount	Peak#	RT	Shift	Area	Amount
Aroclor-1016	1	4.585	0.023	30415058	0.507	1	6.160	0.014	5314823	0.509
Aroclor-1016	2	5.204	0.020	66008085	0.508	2	6.718	0.013	10771055	0.491
Aroclor-1016	3	5.374	0.019	29014227	0.518	3	6.907	0.013	4195553	0.507
Aroclor-1016	4	5.887	0.016	27281350	0.531	4	7.522	0.011	3077346	0.531
Total CollAve (4 peaks): 0.516					Total Col2Ave (4 peaks): 0.509					RPD = 1
Corrected Ave (4 peaks): 0.516					Corrected Ave (4 peaks): 0.509					RPD = 1
Aroclor-1260	1	8.126	0.011	34131641	0.386	1	9.757	0.008	3855909	0.573
Aroclor-1260	2	8.409	0.011	35589249	0.379	2	10.156	0.008	4430721	0.555
Aroclor-1260	3	8.765	0.012	87203344	0.435	3	10.371	0.010	9146931	0.564
Aroclor-1260	4	9.092	0.012	59321886	0.385	4	10.821	0.009	2266455	0.537
Aroclor-1260	5	9.174	0.012	23727929	0.470	5	10.877	0.011	5727916	0.562
Total CollAve (5 peaks): 0.411					Total Col2Ave (5 peaks): 0.558					RPD = 30
Corrected Ave (5 peaks): 0.411					Corrected Ave (5 peaks): 0.558					RPD = 30

Total PCB Area Col1 (3.642 - 10.391) = 1030025023 Col1 Total PCB = 1.2 ppm*

Total PCB Area Col2 (4.829 - 10.391) = 115230675 Col2 Total PCB = 1.1 ppm*

* Quantitated against AR1660 0.5ppm in Ical

