Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062915\
Data File : BF080226.D
Acq On : 30 Jun 2015 2:44
Operator : TP/IZ
Sample : G2819-01MS
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SOILMS

Quant Time: Jun 30 04:39:31 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 23 00:53:56 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.29	152	28529	20.00	ng		-0.03
21) Naphthalene-d8	8.58	136	111117	20.00	ng		-0.03
38) Acenaphthene-d10	10.36	164	56509	20.00	ng		-0.03
63) Phenanthrene-d10	11.86	188	112114	20.00	ng		-0.05
75) Chrysene-d12	14.77	240	124371	20.00	ng		-0.23
86) Perylene-d12	16.61	264	124571	20.00	ng		-0.32
System Monitoring Compounds							
5) 2-Fluorophenol	5.91	112	264971	164.41	ng		-0.02
7) Phenol-d6	6.90	99	380654	177.49	ng		-0.02
23) Nitrobenzene-d5	7.85	82	232316	121.71	ng		-0.02
41) 2,4,6-Tribromophenol	11.16	330	88076	159.39	ng		-0.02
44) 2-Fluorobiphenyl	9.66	172	406917	102.69	ng		-0.03
78) Terphenyl-d14	13.52	244	475680	89.32	ng		-0.15
Target Compounds							Qvalue
2) 1,4-Dioxane	3.14	88	30969	40.43	ng		87
3) Pyridine	3.97	79	103720	50.91	ng	#	81
4) n-Nitrosodimethylamine	3.88	42	50338	51.99	ng		99
6) Aniline	6.95	93	138632	46.98	ng		94
8) 2-Chlorophenol	7.08	128	103170	55.39	ng		87
9) Benzaldehyde	6.84	77	47052	38.00	ng	#	71
10) Phenol	6.92	94	149417	63.84	ng		76
11) bis(2-Chloroethyl)ether	7.02	93	95536	51.45	ng		87
12) 1,3-Dichlorobenzene	7.24	146	114086	50.98	ng	#	91
13) 1,4-Dichlorobenzene	7.32	146	120092	56.43	ng		96
14) 1,2-Dichlorobenzene	7.32	146	120092	57.99	ng		99
15) Benzyl Alcohol	7.42	79	90663	51.70	ng	#	73
16) 2,2'-oxybis(1-Chloropropan	7.56	45	162570	58.98	ng		90
17) 2-Methylphenol	7.53	107	84420	53.06	ng	#	88
18) Hexachloroethane	7.82	117	38322	54.08	ng	#	79
19) n-Nitroso-di-n-propylamine	7.69	70	77696	52.18	ng	#	76
20) 3+4-Methylphenols	7.68	107	116378	56.68	ng		89
22) Acetophenone	7.69	105	141603	54.68	ng	#	81
24) Nitrobenzene	7.88	77	110490	56.08	ng	#	77
25) Isophorone	8.10	82	194853	50.73	ng	#	82
26) 2-Nitrophenol	8.20	139	54000	65.49	ng	#	74
27) 2,4-Dimethylphenol	8.22	122	102822	59.80	ng	#	82
28) bis(2-Chloroethoxy)methane	8.31	93	120673	53.47	ng	#	91
29) 2,4-Dichlorophenol	8.44	162	94915	64.46	ng		97
30) 1,2,4-Trichlorobenzene	8.53	180	103556	61.93	ng		98
31) Naphthalene	8.61	128	314235	54.09	ng		98
32) Benzoic acid	8.22	122	102822	98.90	ng	#	28
33) 4-Chloroaniline	8.64	127	97879	39.37	ng	#	83
34) Hexachlorobutadiene	8.73	225	53318	51.78	ng		96
35) Caprolactam	8.98	113	26210	54.84	ng		94
36) 4-Chloro-3-methylphenol	9.12	107	90695	54.60	ng		92
37) 2-Methylnaphthalene	9.30	142	217509	57.88	ng	#	92
39) 1,2,4,5-Tetrachlorobenzene	9.48	216	101314	61.61	ng		97
40) Hexachlorocyclopentadiene	9.46	237	58036	69.48	ng		98

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062915\
Data File : BF080226.D
Acq On : 30 Jun 2015 2:44
Operator : TP/IZ
Sample : G2819-01MS
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SOILMS

Quant Time: Jun 30 04:39:31 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 23 00:53:56 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.58	196	63868	57.08	ng		99
43) 2,4,5-Trichlorophenol	9.61	196	62247	48.29	ng	#	87
45) 1,1'-Biphenyl	9.76	154	238307	51.83	ng		91
46) 2-Chloronaphthalene	9.80	162	203405	54.53	ng		94
47) 2-Nitroaniline	9.88	65	53292	52.04	ng	#	57
48) Acenaphthylene	10.22	152	343858	55.23	ng		97
49) Dimethylphthalate	10.06	163	293373	69.05	ng	#	97
50) 2,6-Dinitrotoluene	10.12	165	44817	52.62	ng	#	41
51) Acenaphthene	10.39	154	185013	48.57	ng		89
52) 3-Nitroaniline	10.29	138	49304	50.17	ng	#	45
53) 2,4-Dinitrophenol	10.40	184	3482	15.14	ng	#	1
54) Dibenzofuran	10.56	168	287222	53.14	ng	#	89
55) 4-Nitrophenol	10.44	139	58340	74.28	ng	#	33
56) 2,4-Dinitrotoluene	10.53	165	66055	61.12	ng	#	84
57) Fluorene	10.92	166	221465	51.64	ng		92
58) 2,3,4,6-Tetrachlorophenol	10.68	232	47316	43.48	ng	#	99
59) Diethylphthalate	10.76	149	208776	48.80	ng		96
60) 4-Chlorophenyl-phenylether	10.89	204	108477	52.63	ng	#	88
61) 4-Nitroaniline	10.90	138	52340	51.57	ng	#	49
62) Azobenzene	11.05	77	217836	50.02	ng		86
64) 4,6-Dinitro-2-methylphenol	10.94	198	10820	24.36	ng		77
65) n-Nitrosodiphenylamine	11.01	169	193205	52.92	ng		91
66) 4-Bromophenyl-phenylether	11.40	248	64217	53.87	ng	#	85
67) Hexachlorobenzene	11.48	284	71737	54.15	ng	#	78
68) Atrazine	11.53	200	63247	54.83	ng		82
69) Pentachlorophenol	11.66	266	53571	71.35	ng		97
70) Phenanthrene	11.89	178	361048	53.19	ng		97
71) Anthracene	11.94	178	357069	54.63	ng		99
72) Carbazole	12.09	167	312536	50.09	ng		97
73) Di-n-butylphthalate	12.41	149	366062	50.78	ng	#	99
74) Fluoranthene	13.13	202	383369	53.03	ng		88
76) Benzidine	13.25	184	302558	87.03	ng	#	98
77) Pyrene	13.39	202	398892	52.09	ng		97
79) Butylbenzylphthalate	14.06	149	158977	51.70	ng		93
80) Benzo(a)anthracene	14.76	228	385912	50.93	ng		96
81) 3,3'-Dichlorobenzidine	14.70	252	143121	54.77	ng	#	96
82) Chrysene	14.80	228	362619	51.90	ng		95
83) Bis(2-ethylhexyl)phthalate	14.73	149	228046	46.92	ng	#	94
84) Di-n-octyl phthalate	15.51	149	390692	46.91	ng		94
85) Indeno(1,2,3-cd)pyrene	18.45	276	448133	50.86	ng	#	88
87) Benzo(b)fluoranthene	16.08	252	381298	50.56	ng	#	86
88) Benzo(k)fluoranthene	16.12	252	401532	52.28	ng	#	88
89) Benzo(a)pyrene	16.53	252	390399	54.50	ng	#	88
90) Dibenzo(a,h)anthracene	18.46	278	372710	50.84	ng	#	83
91) Benzo(g,h,i)perylene	19.00	276	374882	50.64	ng	#	78

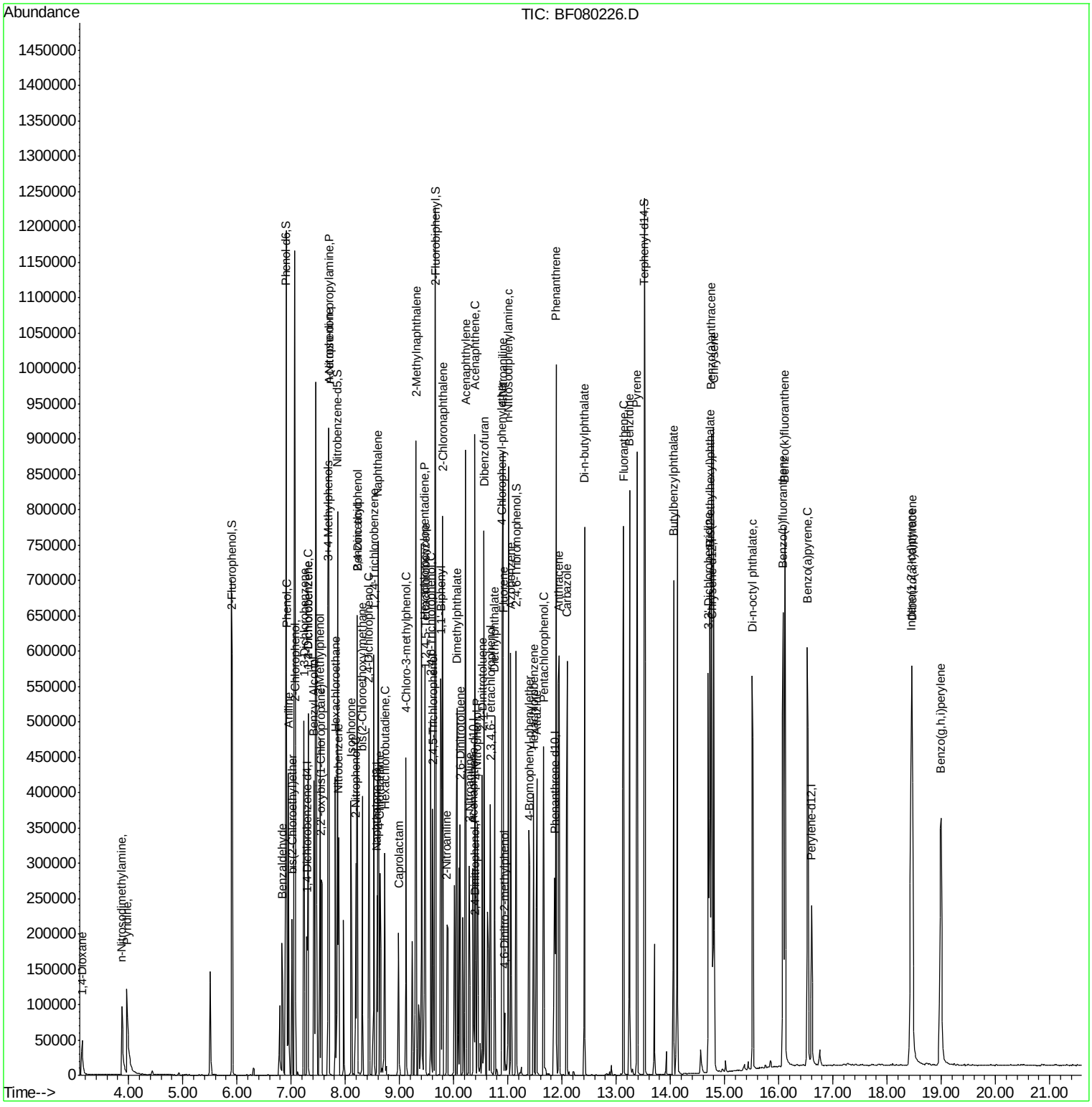
(#) = qualifier out of range (m) = manual integration (+) = signals summed

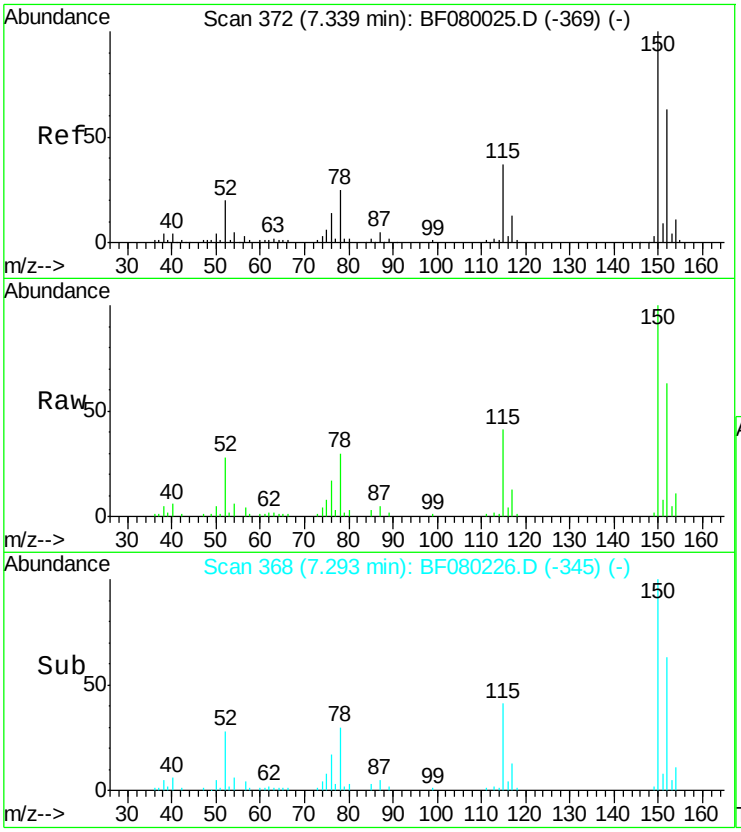
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062915\
Data File : BF080226.D
Acq On : 30 Jun 2015 2:44
Operator : TP/IZ
Sample : G2819-01MS
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SOILMS

Quant Time: Jun 30 04:39:31 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 23 00:53:56 2015
Response via : Initial Calibration



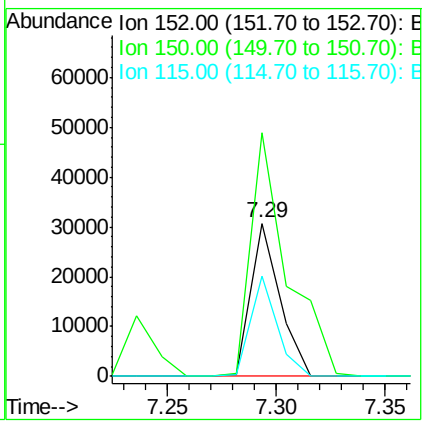


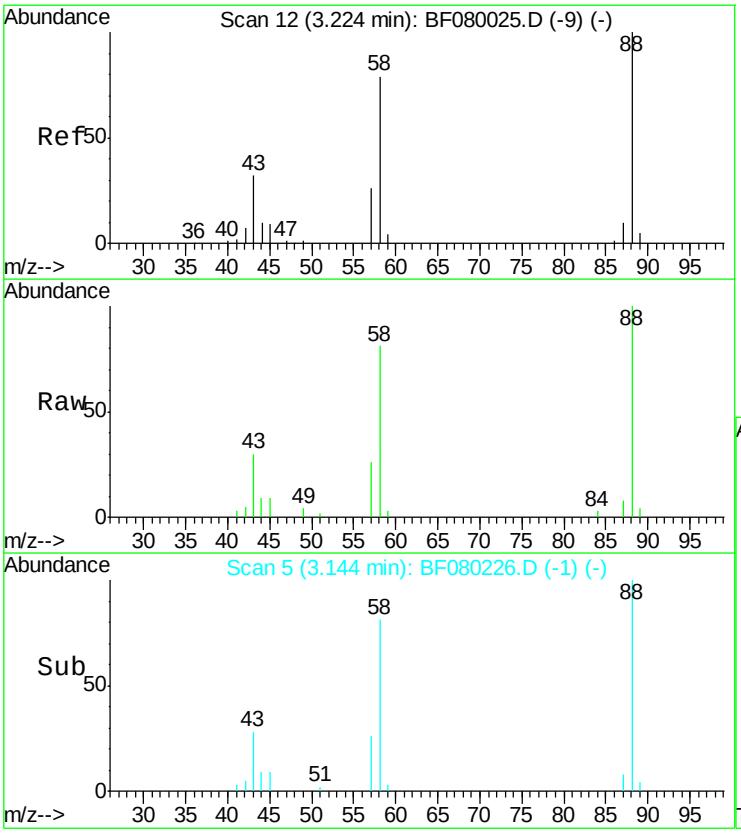
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.29 min Scan# 368
Delta R.T. -0.03 min
Lab File: BF080226.D
Acq: 30 Jun 2015 2:44

Instrument :
BNA_F
ClientSampleId :
SOILMS

Tgt Ion:152 Resp: 28529

Ion	Ratio	Lower	Upper
152	100		
150	159.3	124.7	187.1
115	65.3	39.0	58.4#

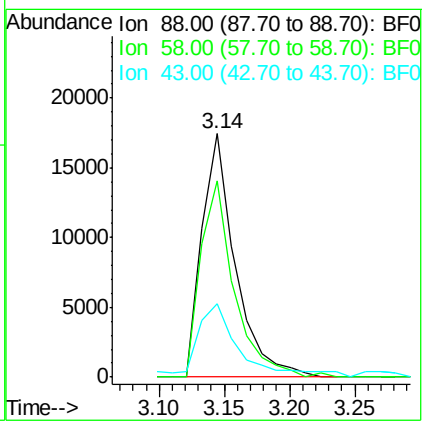


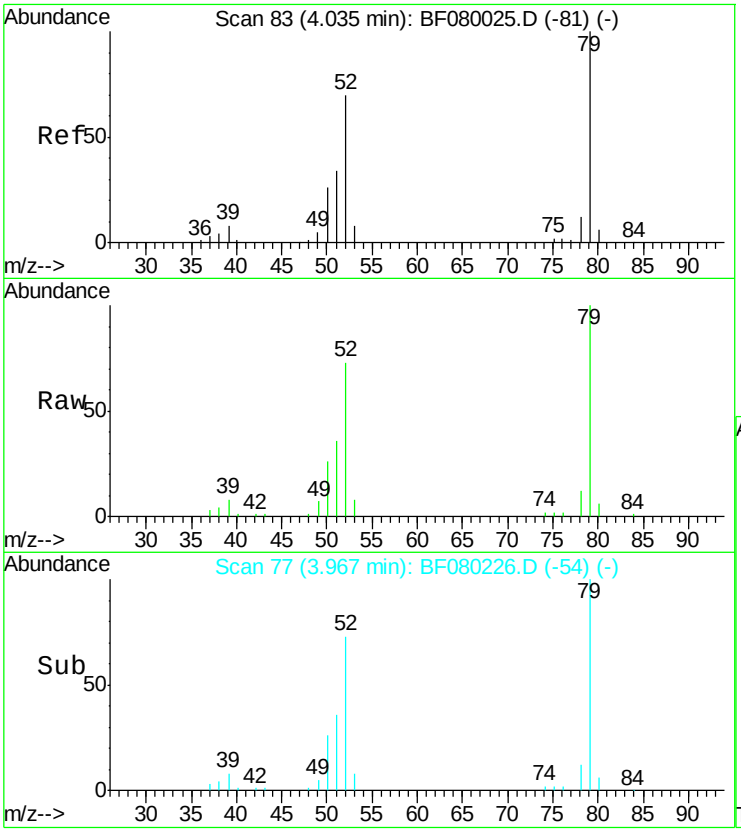


#2
1,4-Dioxane
Concen: 40.43 ng
RT: 3.14 min Scan# 5
Delta R.T. -0.05 min
Lab File: BF080226.D
Acq: 30 Jun 2015 2:44

Tgt Ion: 88 Resp: 30969

Ion	Ratio	Lower	Upper
88	100		
58	81.0	77.7	116.5
43	36.2	26.6	40.0



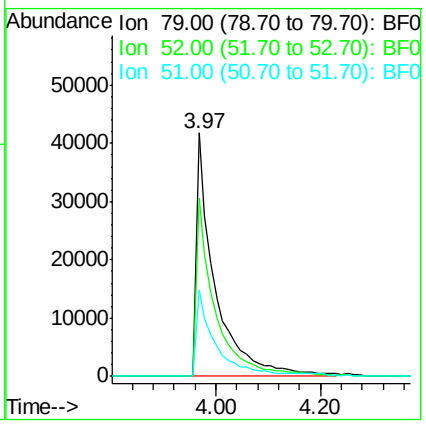


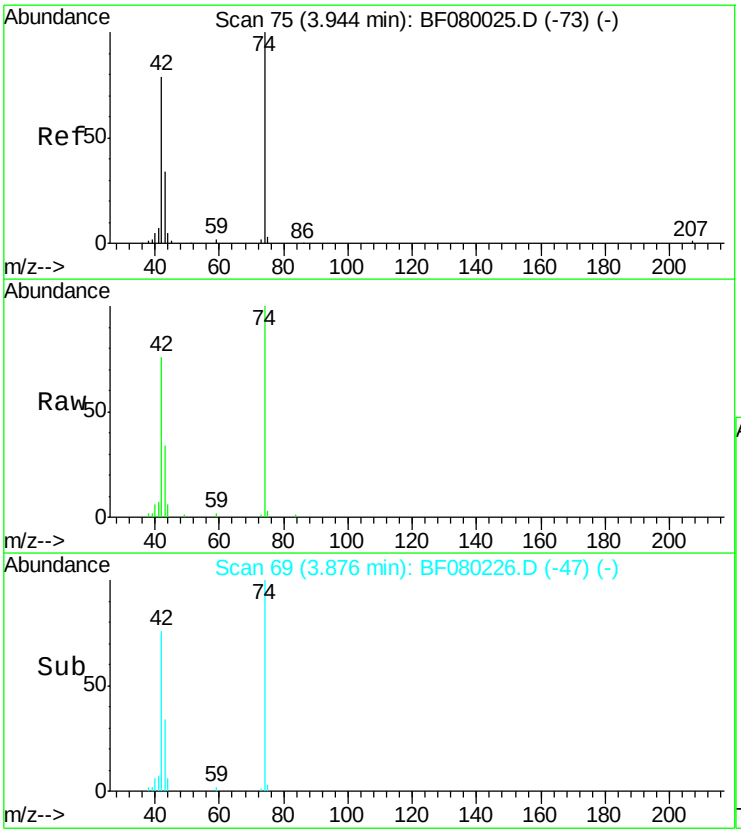
#3
Pyridine
Concen: 50.91 ng
RT: 3.97 min Scan# 77
Delta R.T. -0.03 min
Lab File: BF080226.D
Acq: 30 Jun 2015 2:44

Instrument :
BNA_F
ClientSampleId :
SOILMS

Tgt Ion: 79 Resp: 103720

Ion	Ratio	Lower	Upper
79	100		
52	73.3	76.8	115.2#
51	35.5	32.2	48.4

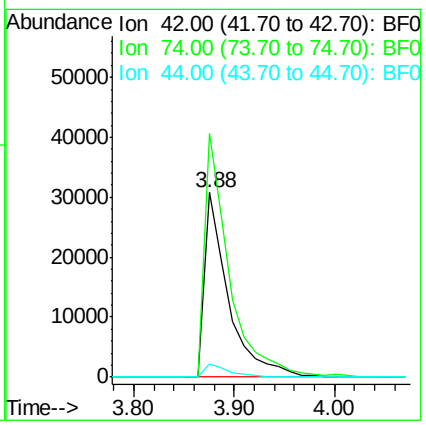


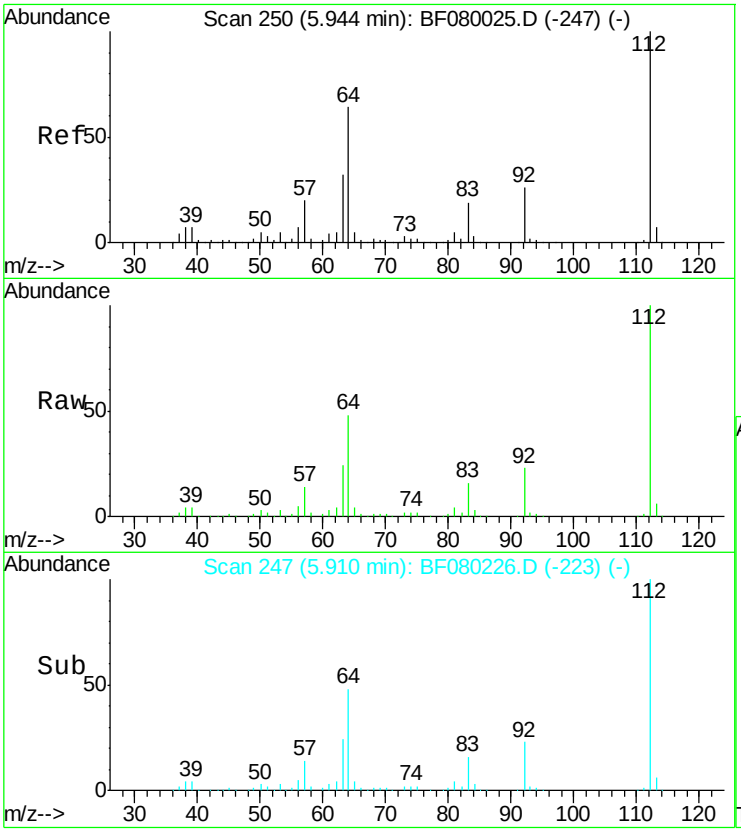


#4
n-Nitrosodimethylamine
Concen: 51.99 ng
RT: 3.88 min Scan# 69
Delta R.T. -0.05 min
Lab File: BF080226.D
Acq: 30 Jun 2015 2:44

Tgt Ion: 42 Resp: 50338

Ion	Ratio	Lower	Upper
42	100		
74	131.9	105.0	157.6
44	7.5	6.6	10.0



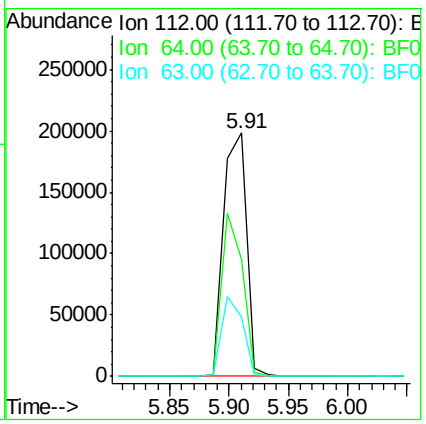


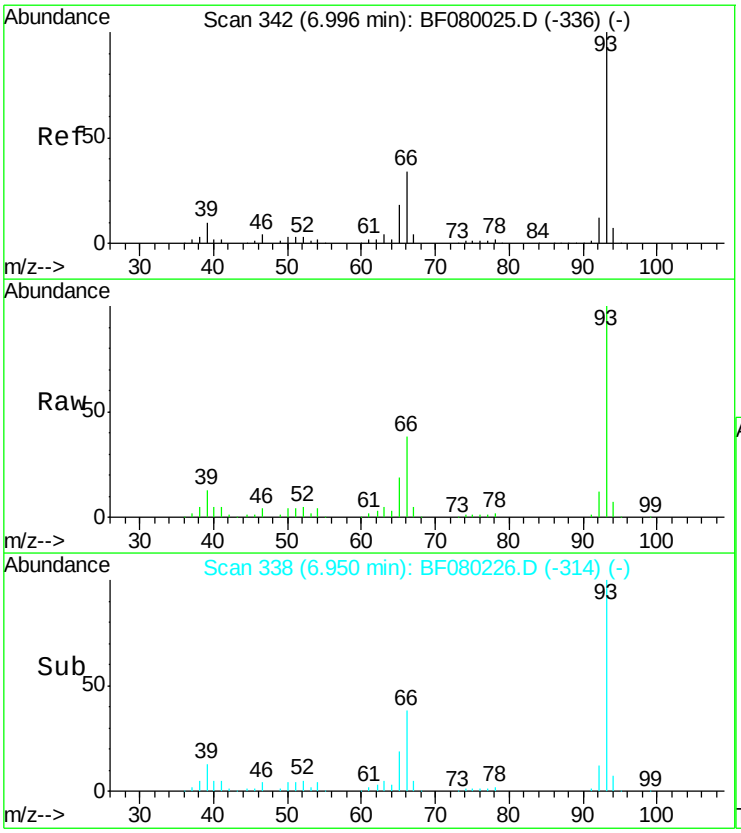
#5
2-Fluorophenol
Concen: 164.41 ng
RT: 5.91 min Scan# 247
Delta R.T. -0.02 min
Lab File: BF080226.D
Acq: 30 Jun 2015 2:44

Instrument :
BNA_F
ClientSampleId :
SOILMS

Tgt Ion:112 Resp: 264971

Ion	Ratio	Lower	Upper
112	100		
64	48.2	39.7	59.5
63	24.3	17.4	26.0

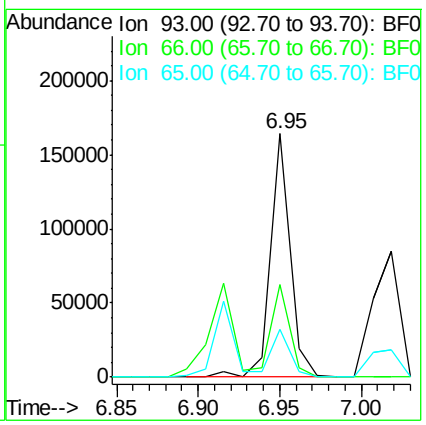


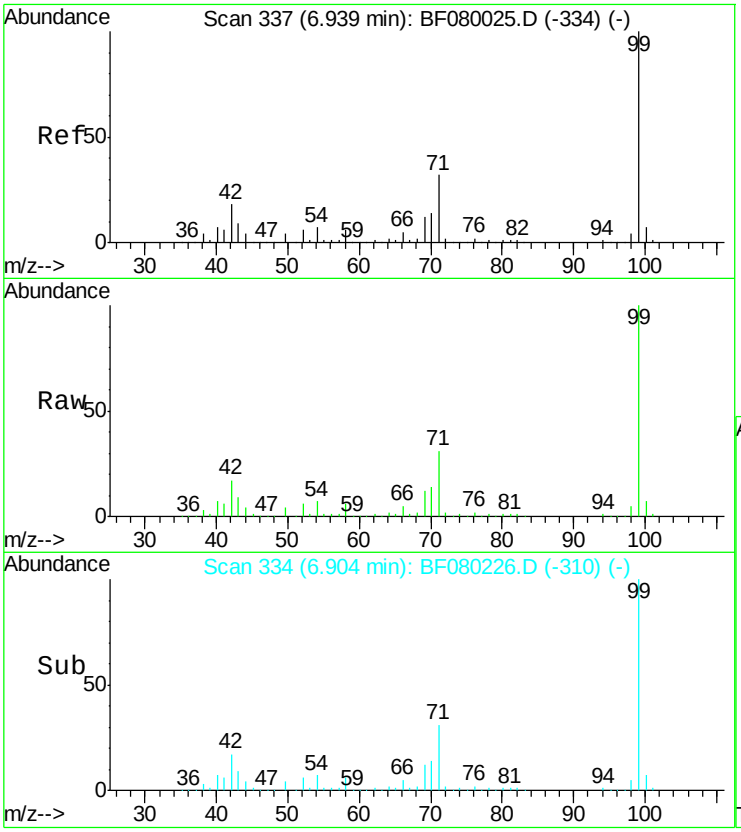


#6
Aniline
Concen: 46.98 ng
RT: 6.95 min Scan# 338
Delta R.T. -0.02 min
Lab File: BF080226.D
Acq: 30 Jun 2015 2:44

Tgt Ion: 93 Resp: 138632

Ion	Ratio	Lower	Upper
93	100		
66	38.2	27.2	40.8
65	19.4	14.7	22.1



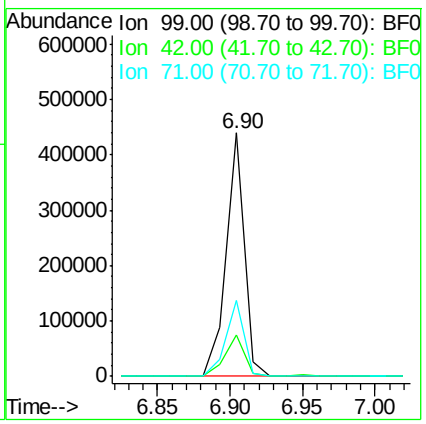


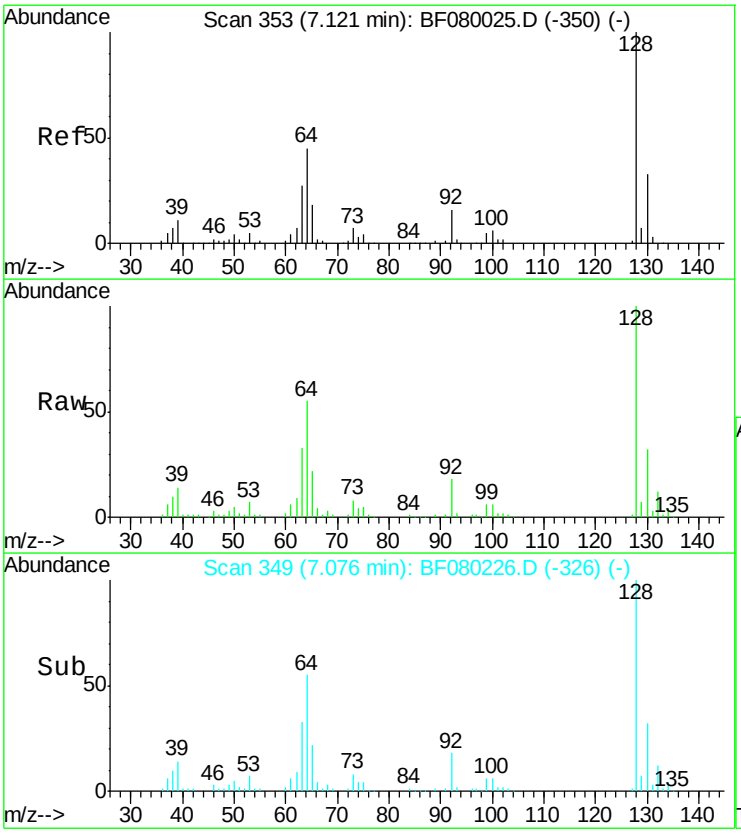
#7
Phenol-d6
Concen: 177.49 ng
RT: 6.90 min Scan# 334
Delta R.T. -0.02 min
Lab File: BF080226.D
Acq: 30 Jun 2015 2:44

Instrument :
BNA_F
ClientSampleId :
SOILMS

Tgt Ion: 99 Resp: 380654

Ion	Ratio	Lower	Upper
99	100		
42	17.1	13.7	20.5
71	31.4	14.2	21.2#

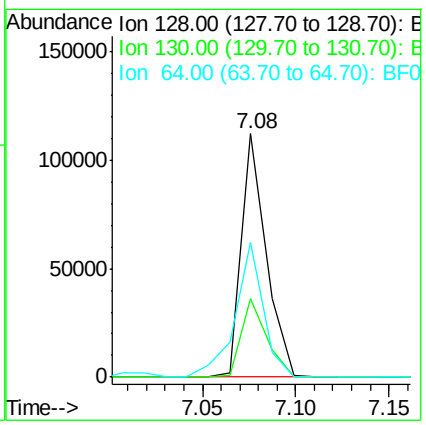


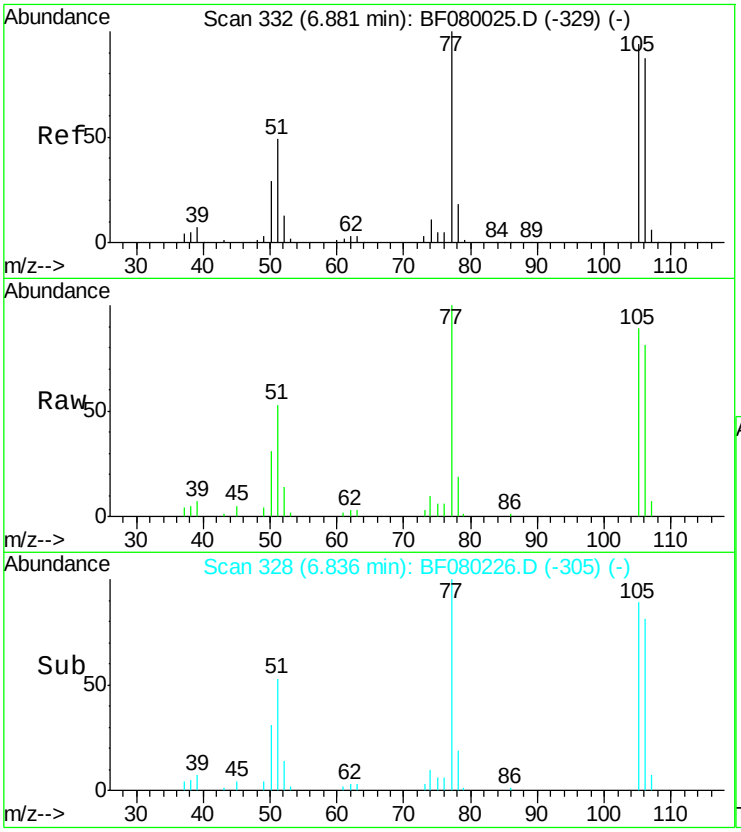


#8
2-Chlorophenol
Concen: 55.39 ng
RT: 7.08 min Scan# 349
Delta R.T. -0.03 min
Lab File: BF080226.D
Acq: 30 Jun 2015 2:44

Tgt Ion:128 Resp: 103170

Ion	Ratio	Lower	Upper
128	100		
130	32.1	12.2	52.2
64	55.4	20.5	60.5



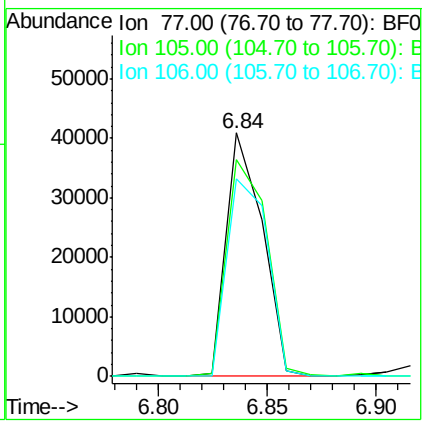


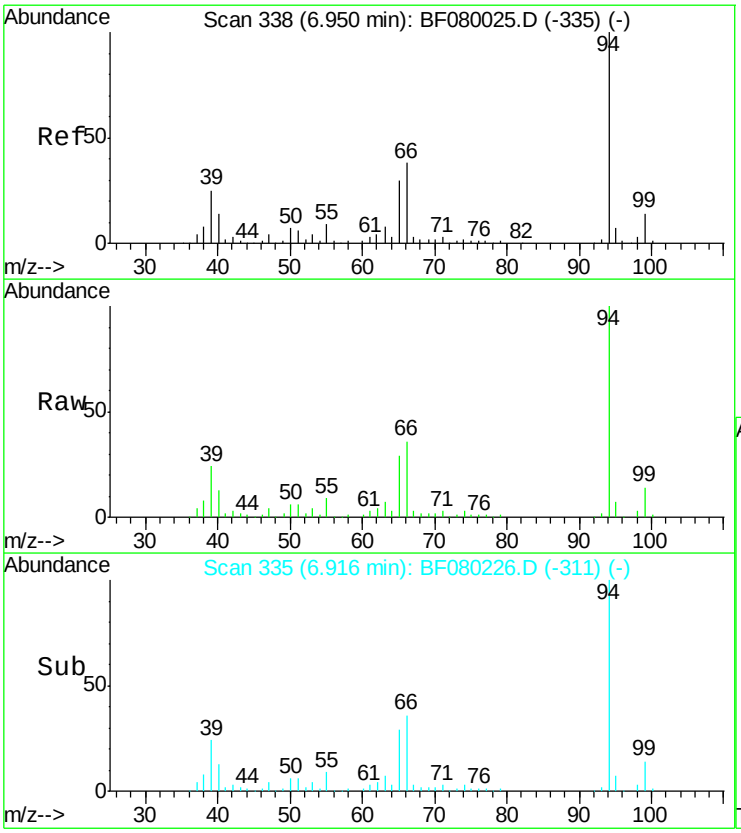
#9
Benzaldehyde
Concen: 38.00 ng
RT: 6.84 min Scan# 328
Delta R.T. -0.03 min
Lab File: BF080226.D
Acq: 30 Jun 2015 2:44

Instrument :
BNA_F
ClientSampleId :
SOILMS

Tgt Ion: 77 Resp: 47052

Ion	Ratio	Lower	Upper
77	100		
105	89.2	91.6	131.6#
106	81.3	102.6	142.6#

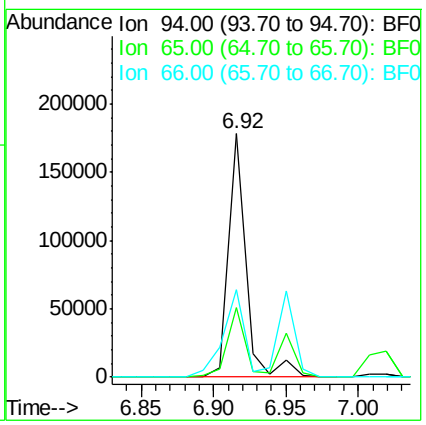


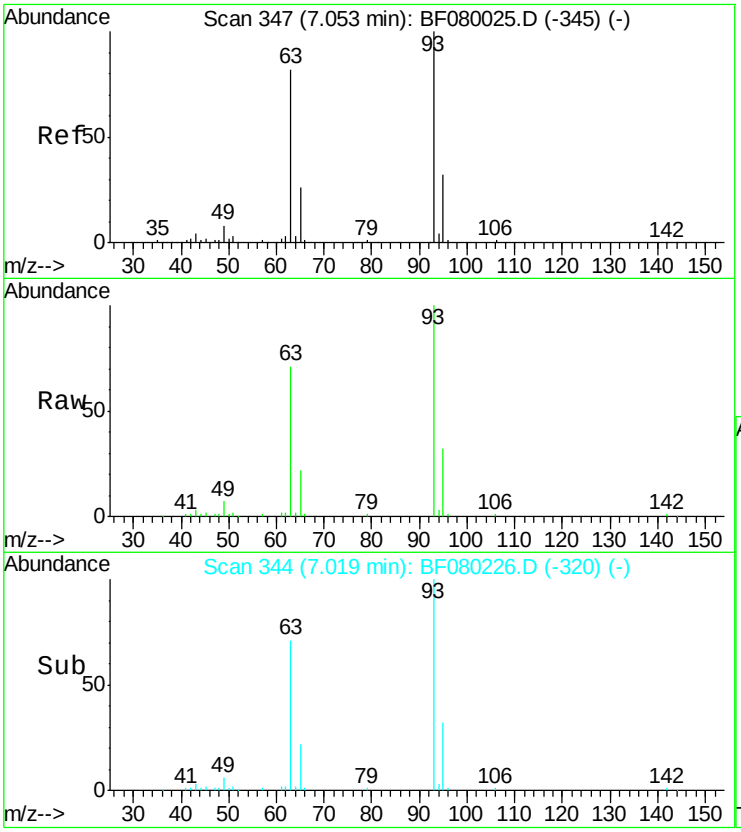


#10
Phenol
Concen: 63.84 ng
RT: 6.92 min Scan# 335
Delta R.T. -0.02 min
Lab File: BF080226.D
Acq: 30 Jun 2015 2:44

Tgt Ion: 94 Resp: 149417

Ion	Ratio	Lower	Upper
94	100		
65	28.6	0.7	40.7
66	35.7	0.8	40.8



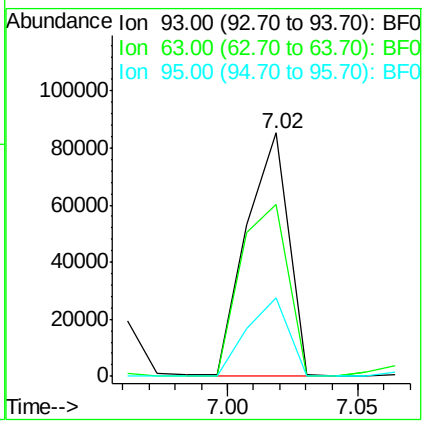


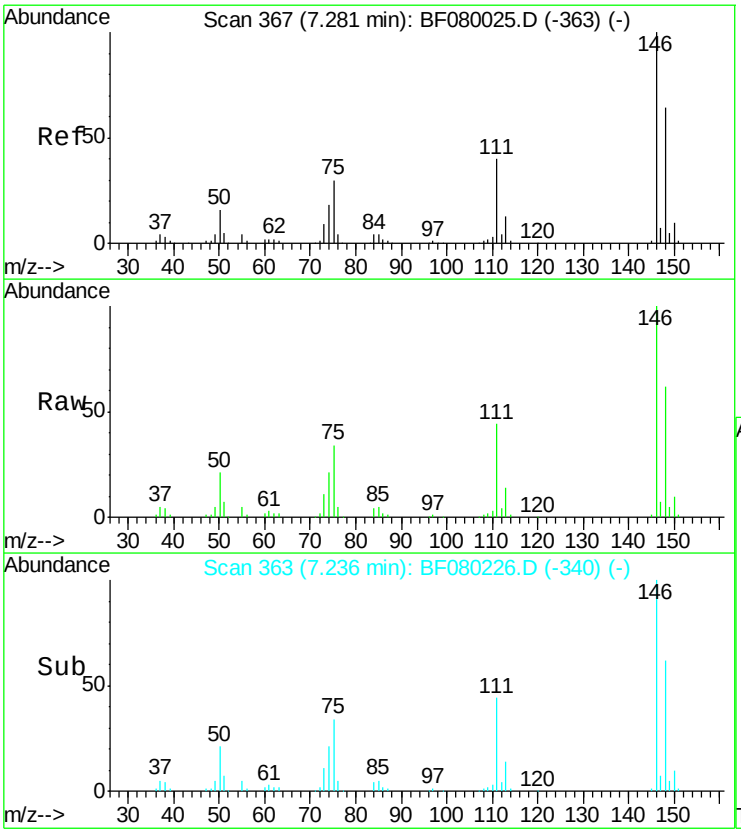
#11
bis(2-Chloroethyl)ether
Concen: 51.45 ng
RT: 7.02 min Scan# 344
Delta R.T. -0.02 min
Lab File: BF080226.D
Acq: 30 Jun 2015 2:44

Instrument :
BNA_F
ClientSampleId :
SOILMS

Tgt Ion: 93 Resp: 95536

Ion	Ratio	Lower	Upper
93	100		
63	70.5	65.6	105.6
95	32.2	13.6	53.6

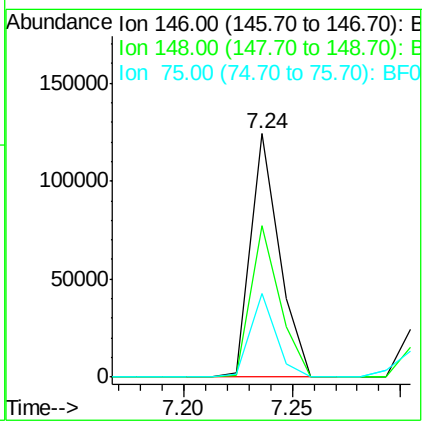


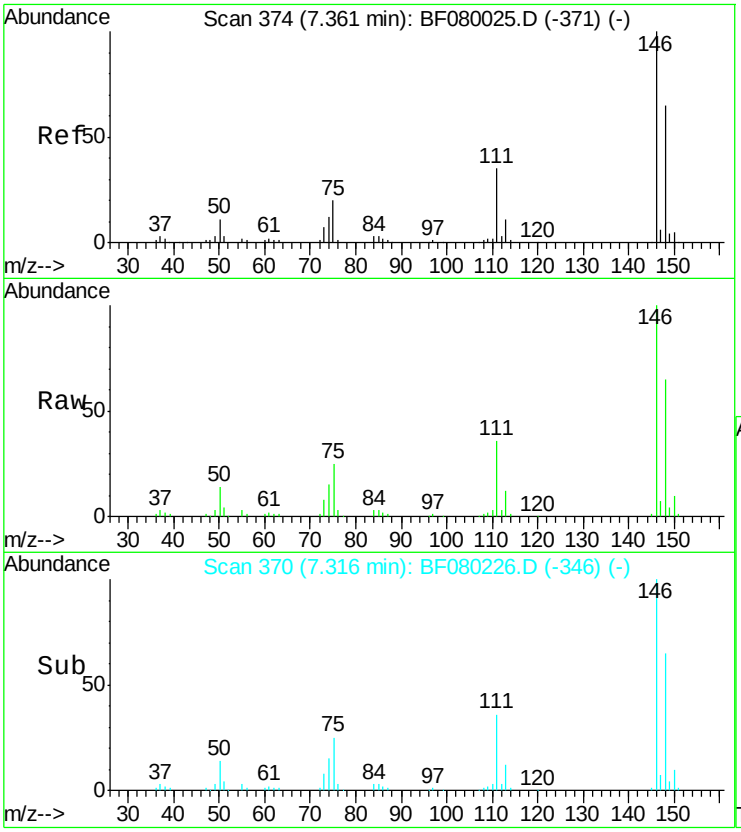


#12
1,3-Dichlorobenzene
Concen: 50.98 ng
RT: 7.24 min Scan# 363
Delta R.T. -0.03 min
Lab File: BF080226.D
Acq: 30 Jun 2015 2:44

Tgt Ion:146 Resp: 114086

Ion	Ratio	Lower	Upper
146	100		
148	62.5	51.0	76.4
75	34.1	15.0	22.6#



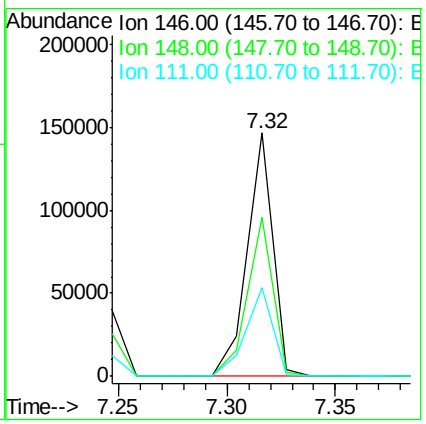


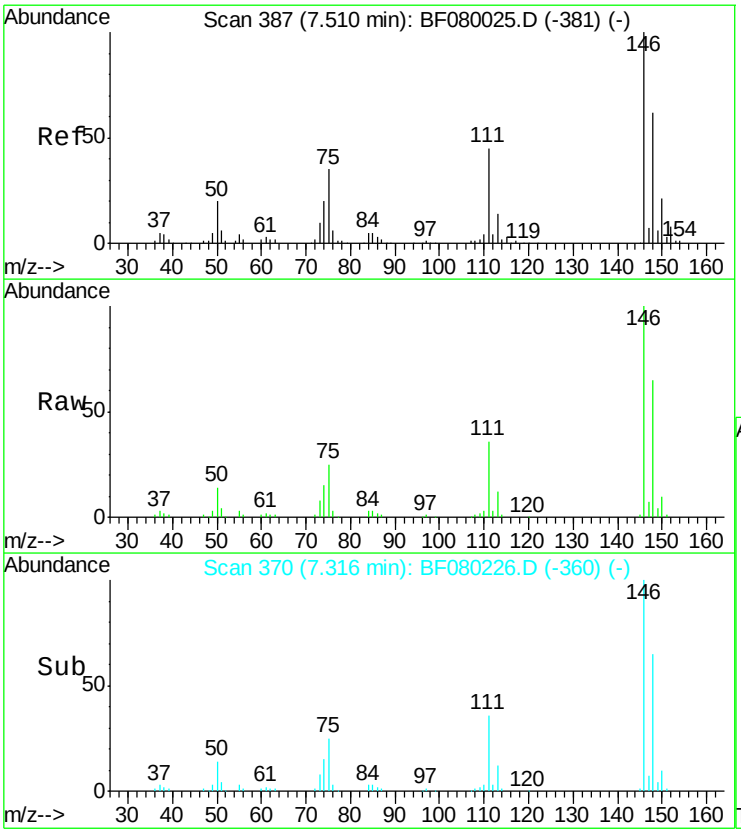
#13
1,4-Dichlorobenzene
Concen: 56.43 ng
RT: 7.32 min Scan# 370
Delta R.T. -0.02 min
Lab File: BF080226.D
Acq: 30 Jun 2015 2:44

Instrument :
BNA_F
ClientSampleId :
SOILMS

Tgt Ion:146 Resp: 120092

Ion	Ratio	Lower	Upper
146	100		
148	65.4	51.8	77.6
111	36.3	24.9	37.3

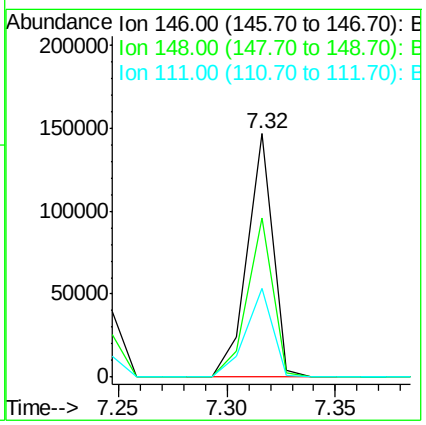


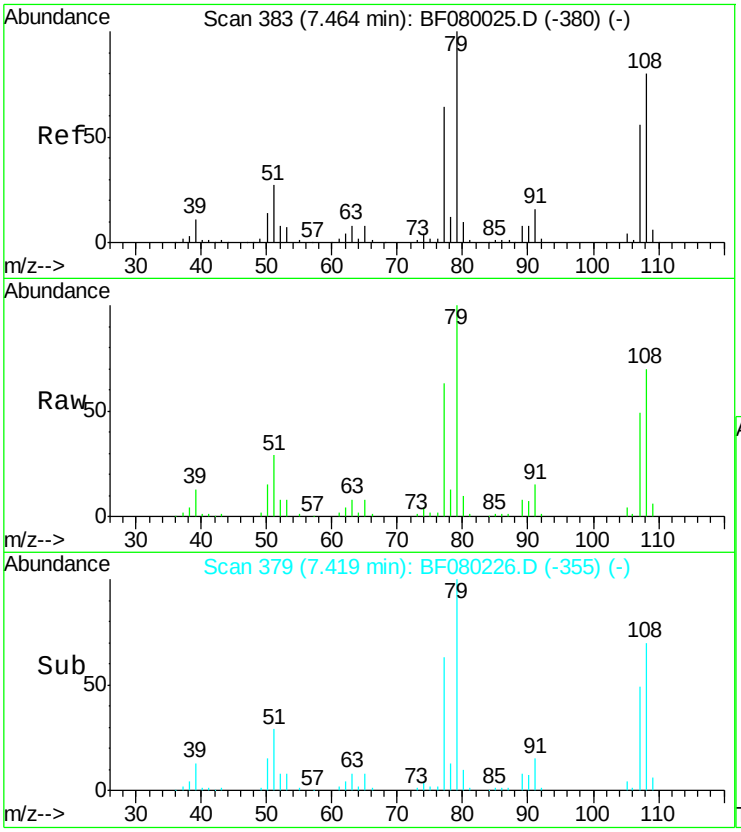


#14
1,2-Dichlorobenzene
Concen: 57.99 ng
RT: 7.32 min Scan# 370
Delta R.T. -0.18 min
Lab File: BF080226.D
Acq: 30 Jun 2015 2:44

Tgt Ion:146 Resp: 120092

Ion	Ratio	Lower	Upper
146	100		
148	65.4	52.7	79.1
111	36.3	28.8	43.2



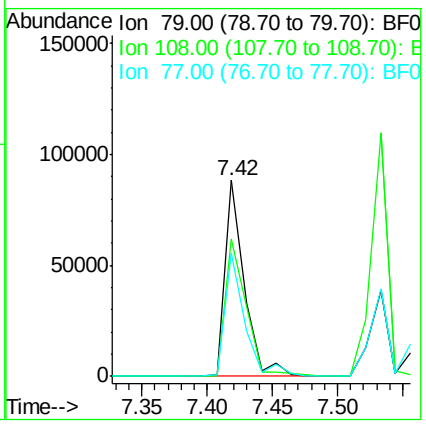


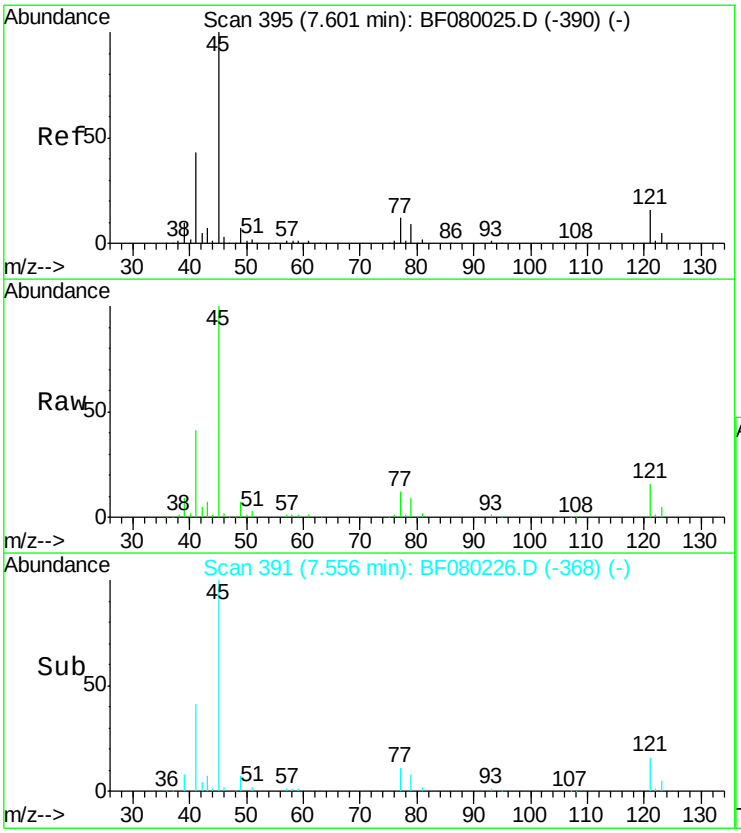
#15
Benzyl Alcohol
Concen: 51.70 ng
RT: 7.42 min Scan# 379
Delta R.T. -0.02 min
Lab File: BF080226.D
Acq: 30 Jun 2015 2:44

Instrument :
BNA_F
ClientSampleId :
SOILMS

Tgt Ion: 79 Resp: 90663

Ion	Ratio	Lower	Upper
79	100		
108	70.3	88.6	132.8#
77	62.6	47.0	70.4

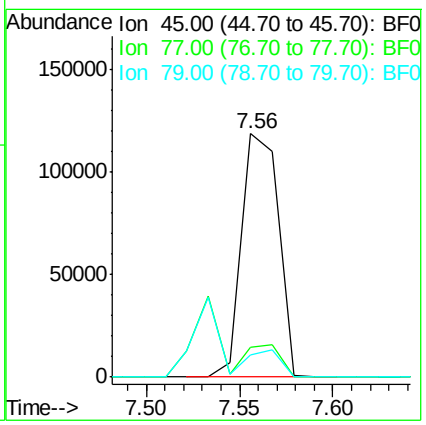


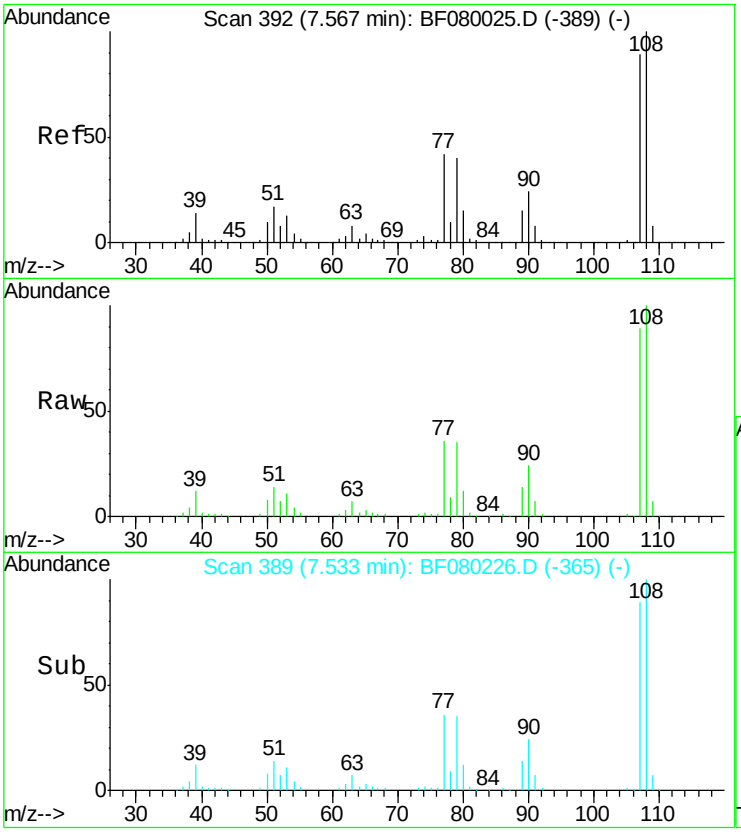


#16
2,2'-oxybis(1-Chloropropane)
Concen: 58.98 ng
RT: 7.56 min Scan# 391
Delta R.T. -0.03 min
Lab File: BF080226.D
Acq: 30 Jun 2015 2:44

Tgt Ion: 45 Resp: 162570

Ion	Ratio	Lower	Upper
45	100		
77	12.2	0.0	28.1
79	8.9	0.0	26.0



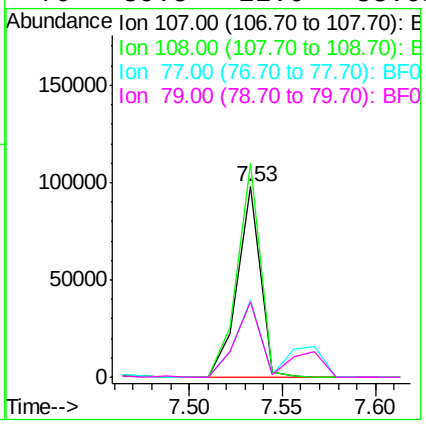


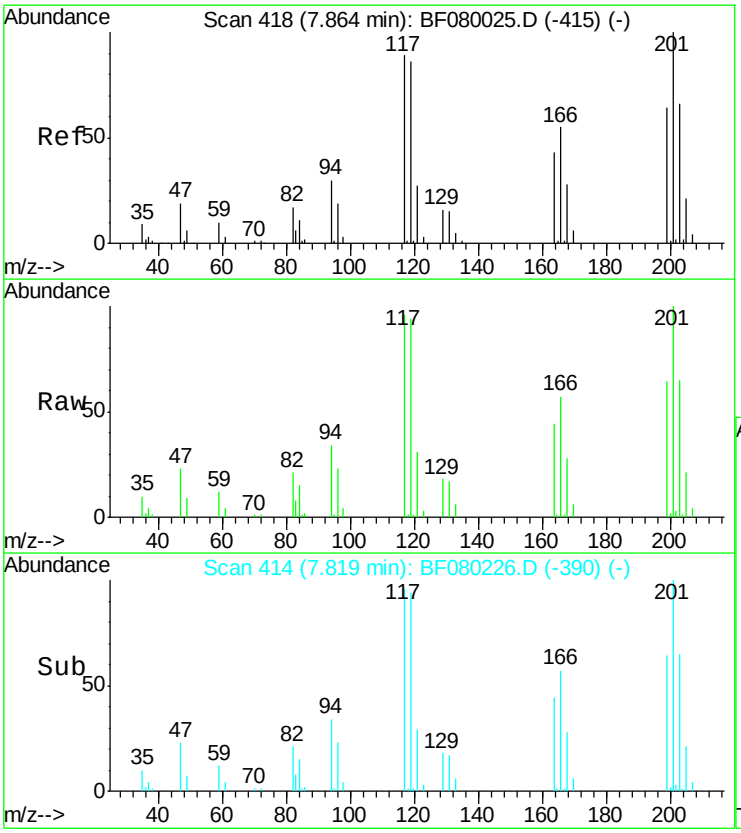
#17
2-Methylphenol
Concen: 53.06 ng
RT: 7.53 min Scan# 389
Delta R.T. -0.02 min
Lab File: BF080226.D
Acq: 30 Jun 2015 2:44

Instrument :
BNA_F
ClientSampleId :
SOILMS

Tgt Ion:107 Resp: 84420

Ion	Ratio	Lower	Upper
107	100		
108	112.1	96.6	145.0
77	40.4	23.3	34.9#
79	39.5	22.0	33.0#

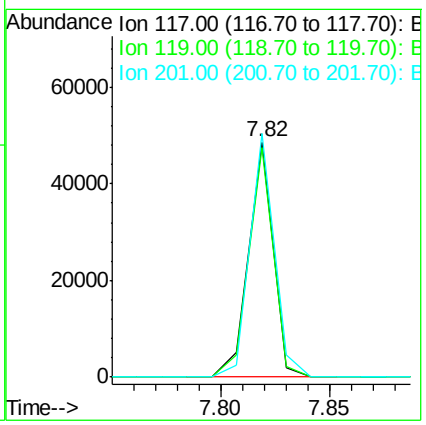


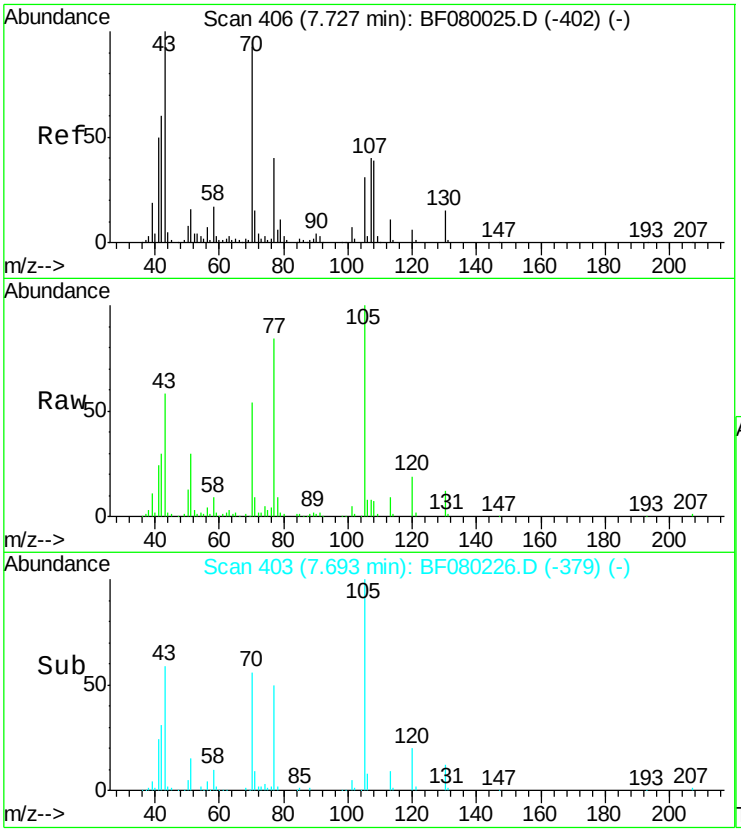


#18
Hexachloroethane
Concen: 54.08 ng
RT: 7.82 min Scan# 414
Delta R.T. -0.02 min
Lab File: BF080226.D
Acq: 30 Jun 2015 2:44

Tgt Ion:117 Resp: 38322

Ion	Ratio	Lower	Upper
117	100		
119	97.6	83.8	125.6
201	103.6	55.1	82.7#



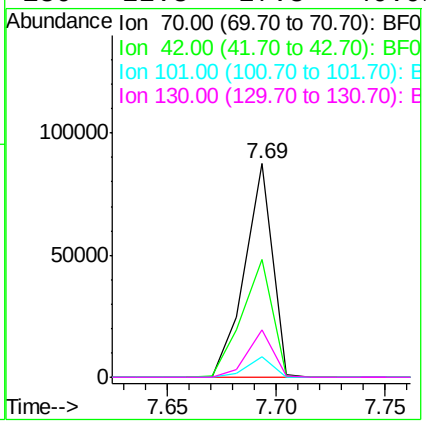


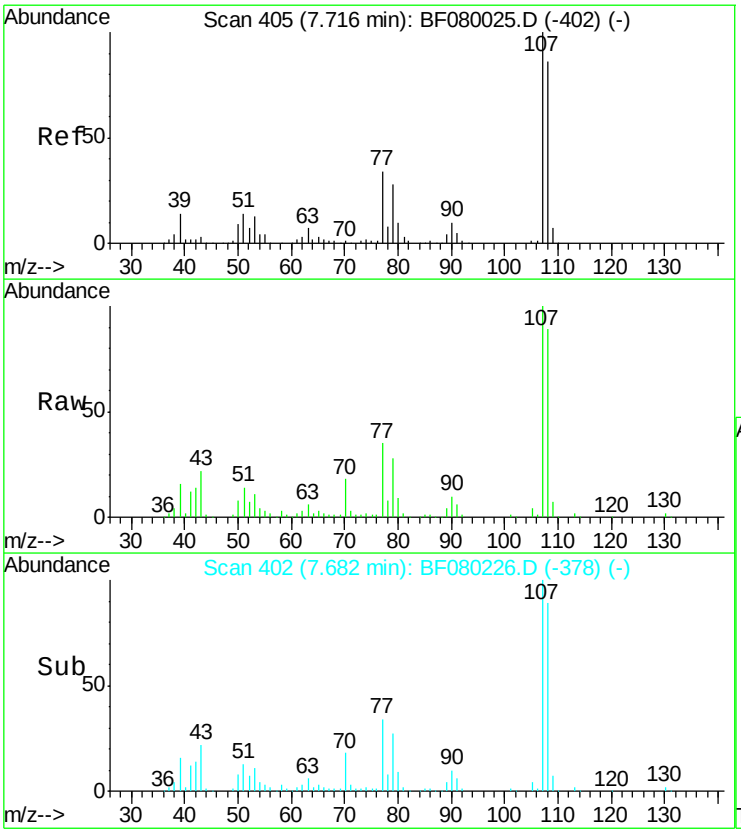
#19
n-Nitroso-di-n-propylamine
Concen: 52.18 ng
RT: 7.69 min Scan# 403
Delta R.T. -0.02 min
Lab File: BF080226.D
Acq: 30 Jun 2015 2:44

Instrument :
BNA_F
ClientSampleId :
SOILMS

Tgt Ion: 70 Resp: 77696

Ion	Ratio	Lower	Upper
70	100		
42	55.4	63.8	95.6#
101	9.4	9.2	13.8
130	22.3	27.3	40.9#

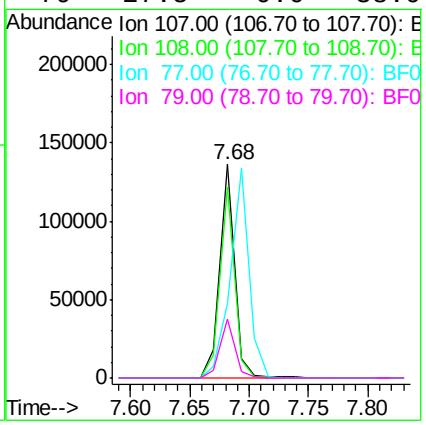


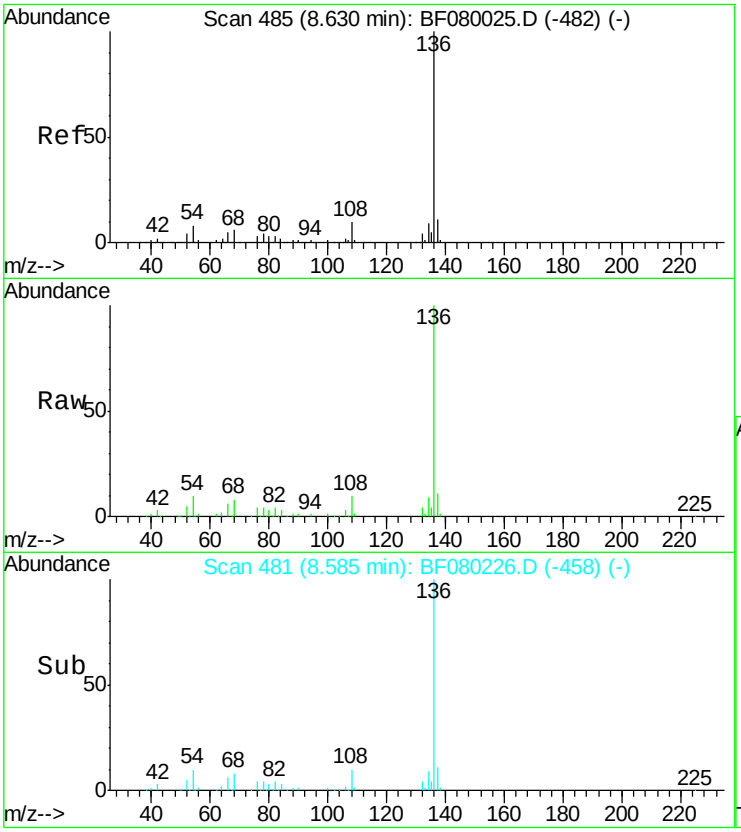


#20
3+4-Methylphenols
Concen: 56.68 ng
RT: 7.68 min Scan# 402
Delta R.T. -0.02 min
Lab File: BF080226.D
Acq: 30 Jun 2015 2:44

Tgt Ion:107 Resp: 116378

Ion	Ratio	Lower	Upper
107	100		
108	89.4	74.6	114.6
77	34.5	0.7	40.7
79	27.5	0.0	38.9



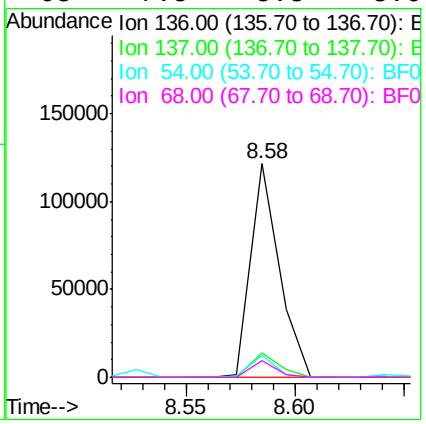


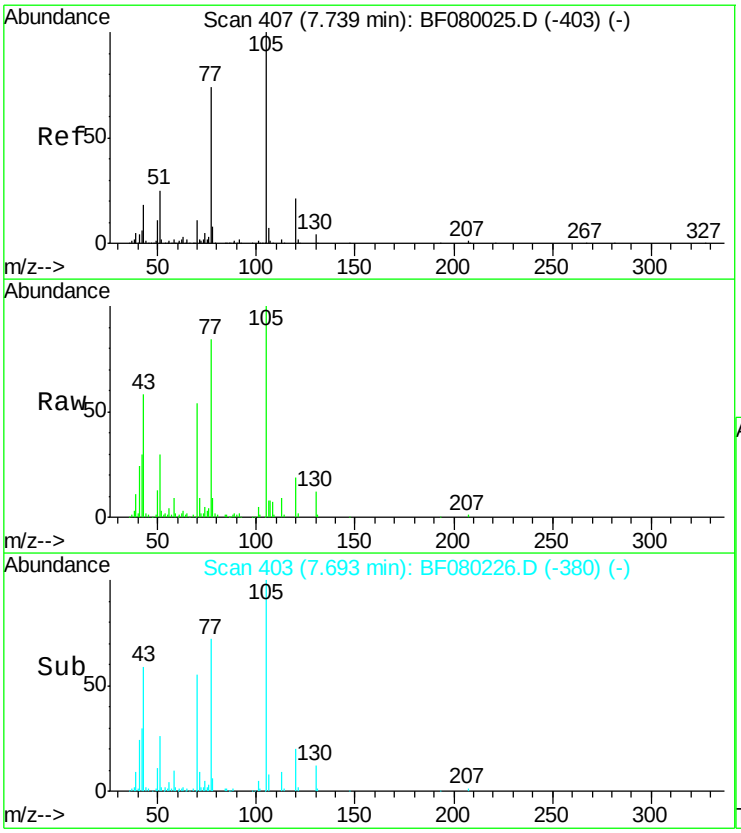
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.58 min Scan# 481
Delta R.T. -0.03 min
Lab File: BF080226.D
Acq: 30 Jun 2015 2:44

Instrument :
BNA_F
ClientSampleId :
SOILMS

Tgt Ion:136 Resp: 111117

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.0	13.6
54	10.0	8.2	12.2
68	7.5	5.8	8.6

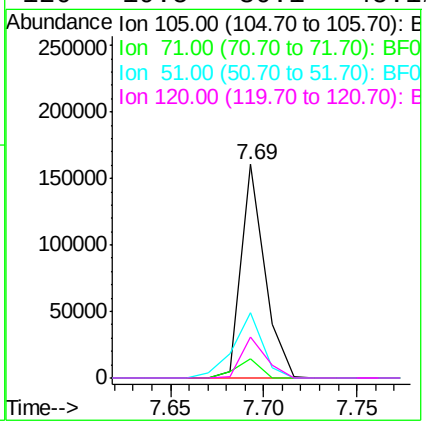


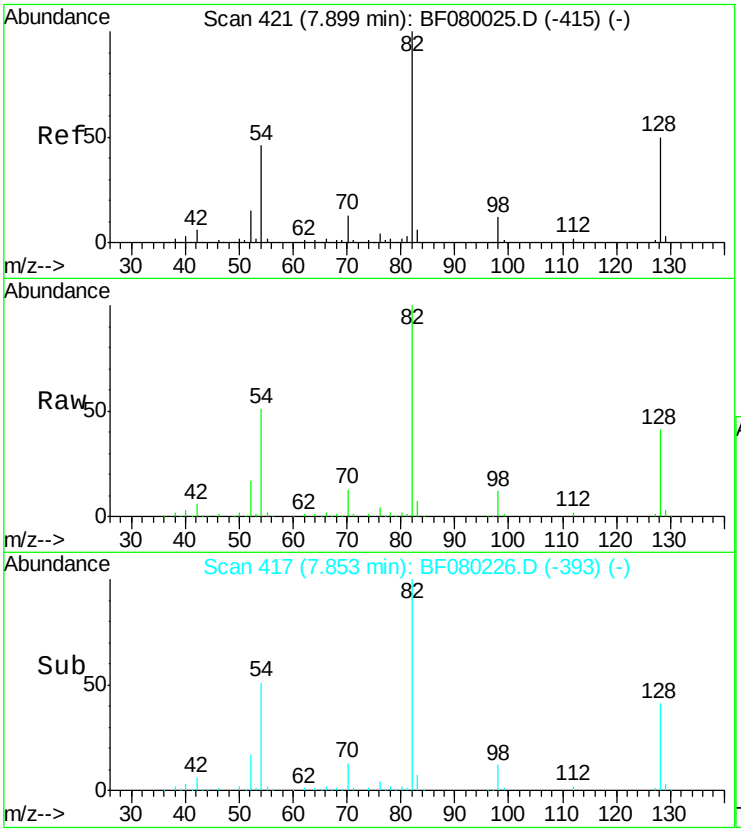


#22
Acetophenone
Concen: 54.68 ng
RT: 7.69 min Scan# 403
Delta R.T. -0.03 min
Lab File: BF080226.D
Acq: 30 Jun 2015 2:44

Tgt Ion:105 Resp: 141603

Ion	Ratio	Lower	Upper
105	100		
71	9.2	4.7	7.1#
51	30.4	22.0	33.0
120	19.5	30.1	45.1#



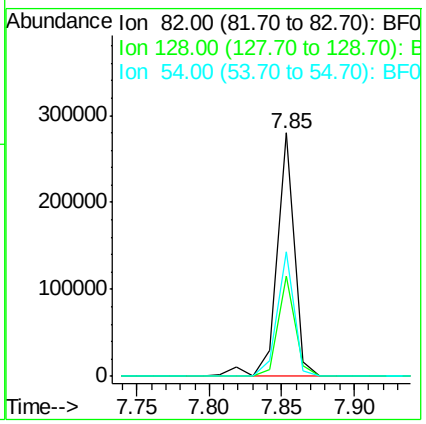


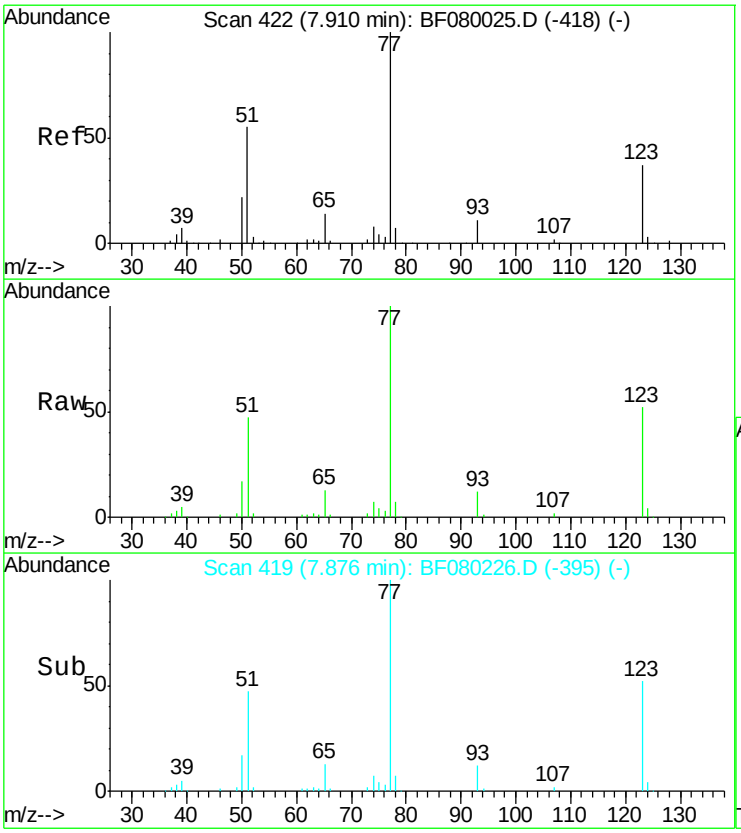
#23
Nitrobenzene-d5
Concen: 121.71 ng
RT: 7.85 min Scan# 417
Delta R.T. -0.02 min
Lab File: BF080226.D
Acq: 30 Jun 2015 2:44

Instrument :
BNA_F
ClientSampleId :
SOILMS

Tgt Ion: 82 Resp: 232316

Ion	Ratio	Lower	Upper
82	100		
128	41.4	51.0	76.6#
54	51.3	47.5	71.3

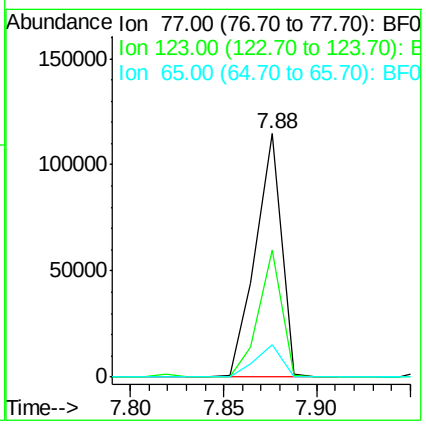


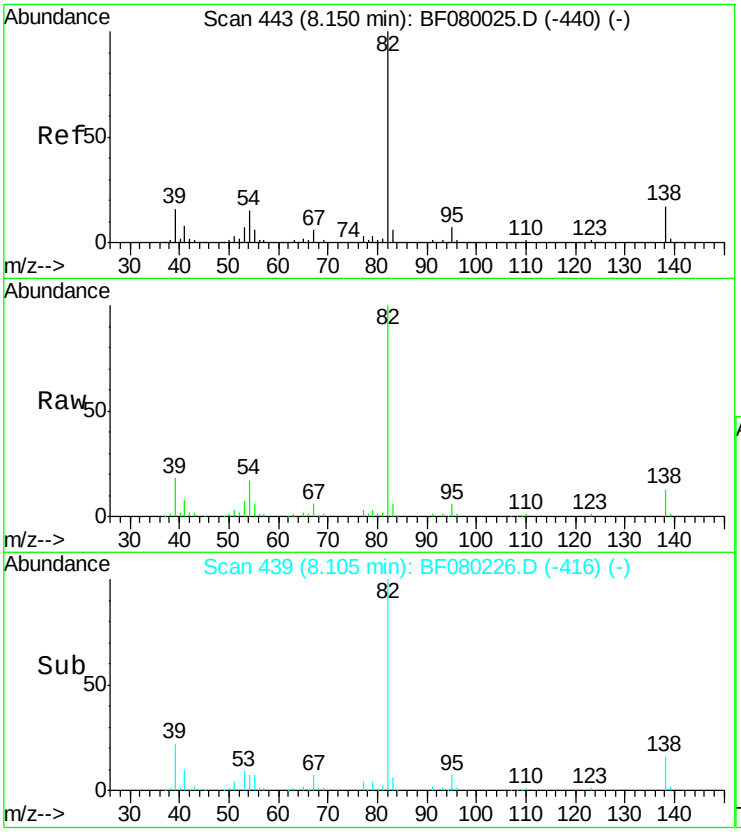


#24
Nitrobenzene
Concen: 56.08 ng
RT: 7.88 min Scan# 419
Delta R.T. -0.02 min
Lab File: BF080226.D
Acq: 30 Jun 2015 2:44

Tgt Ion: 77 Resp: 110490

Ion	Ratio	Lower	Upper
77	100		
123	52.0	59.8	89.8#
65	13.1	10.2	15.4



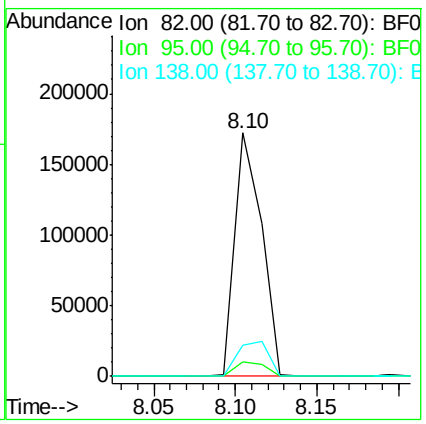


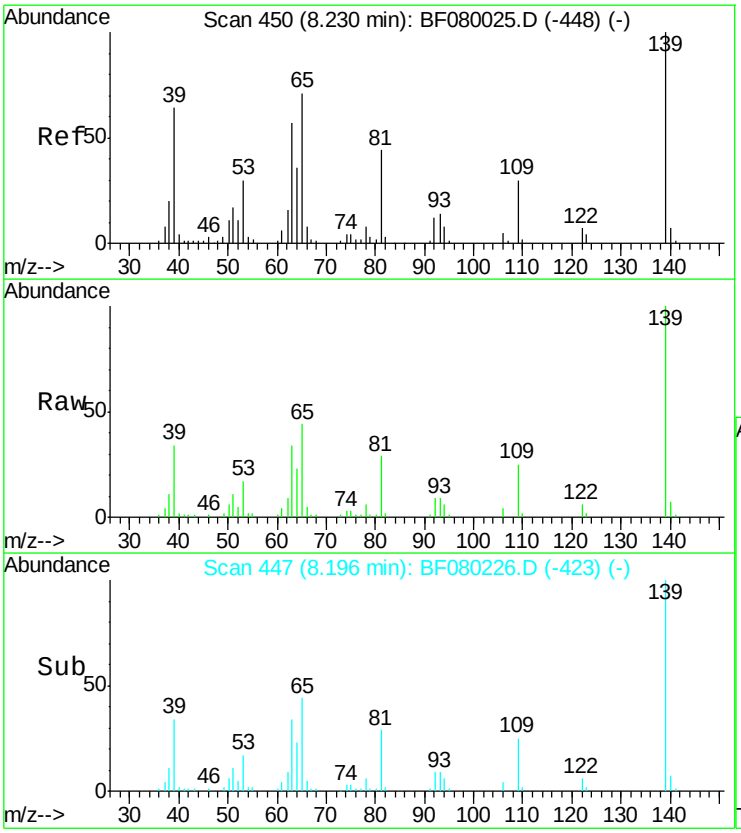
#25
Isophorone
Concen: 50.73 ng
RT: 8.10 min Scan# 439
Delta R.T. -0.03 min
Lab File: BF080226.D
Acq: 30 Jun 2015 2:44

Instrument :
BNA_F
ClientSampleId :
SOILMS

Tgt Ion: 82 Resp: 194853

Ion	Ratio	Lower	Upper
82	100		
95	6.0	4.0	6.0#
138	12.8	18.3	27.5#

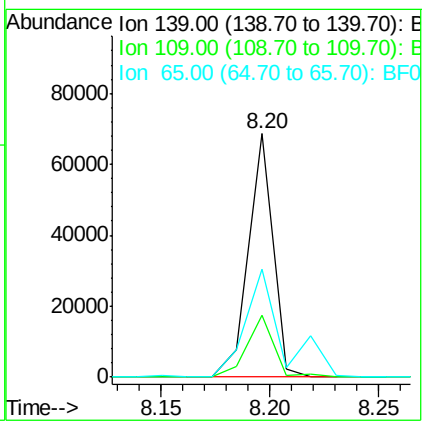


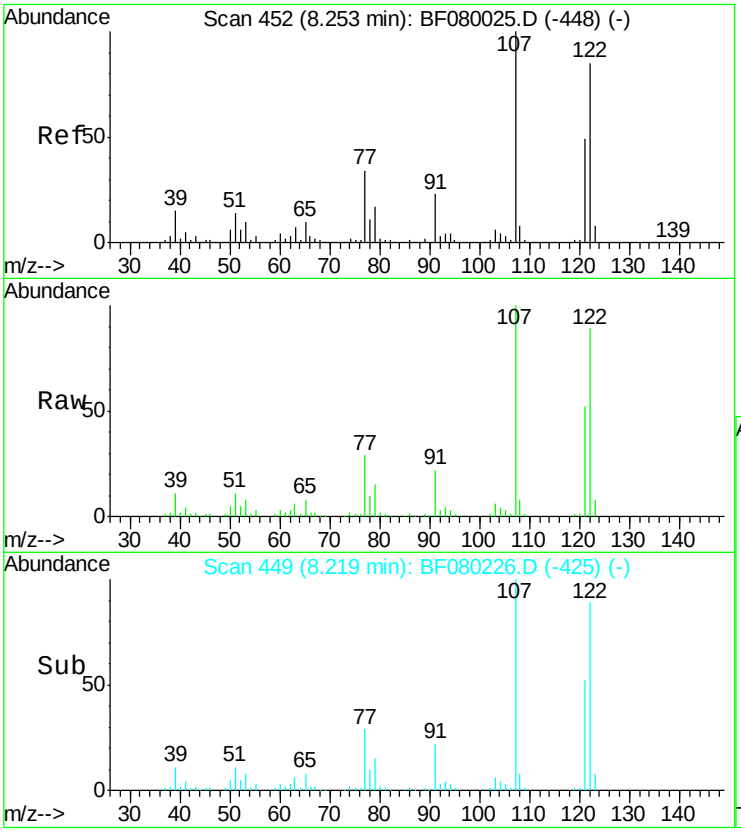


#26
2-Nitrophenol
Concen: 65.49 ng
RT: 8.20 min Scan# 447
Delta R.T. -0.02 min
Lab File: BF080226.D
Acq: 30 Jun 2015 2:44

Tgt Ion:139 Resp: 54000

Ion	Ratio	Lower	Upper
139	100		
109	25.4	11.0	16.4#
65	44.1	24.7	37.1#



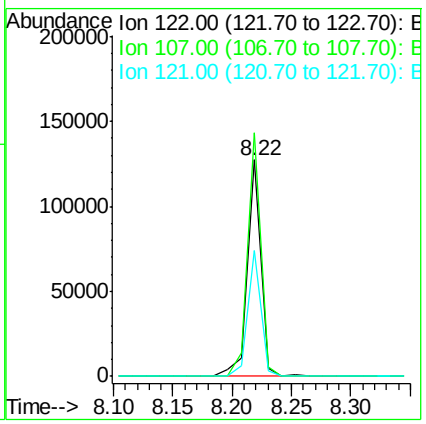


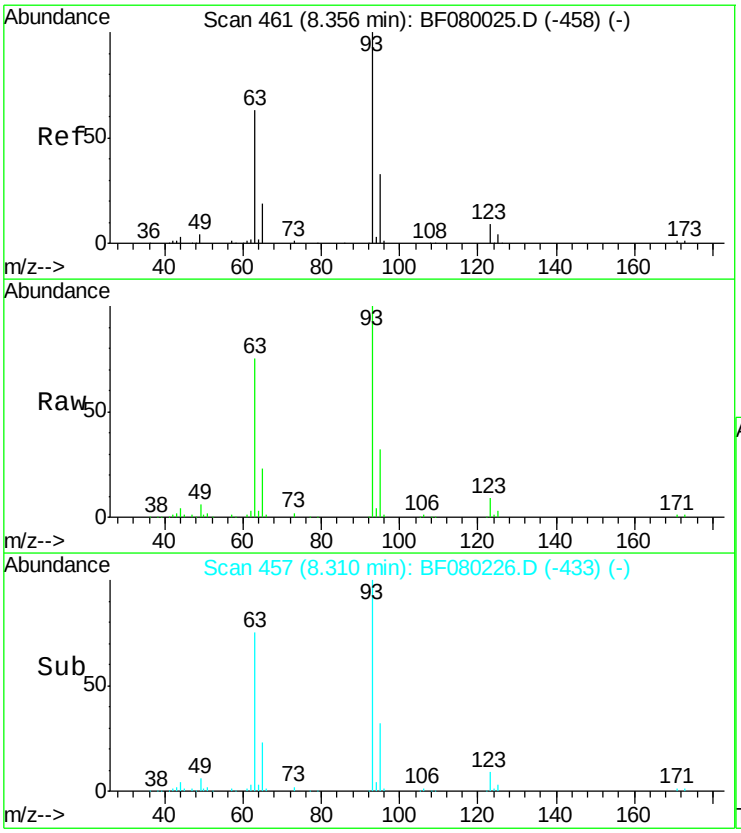
#27
2,4-Dimethylphenol
Concen: 59.80 ng
RT: 8.22 min Scan# 449
Delta R.T. -0.02 min
Lab File: BF080226.D
Acq: 30 Jun 2015 2:44

Instrument :
BNA_F
ClientSampleId :
SOILMS

Tgt Ion:122 Resp: 102822

Ion	Ratio	Lower	Upper
122	100		
107	112.4	71.8	107.6#
121	58.3	42.3	63.5

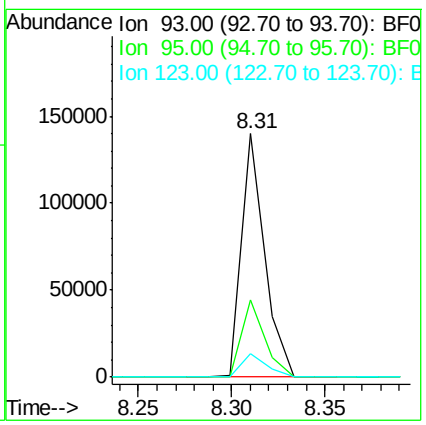


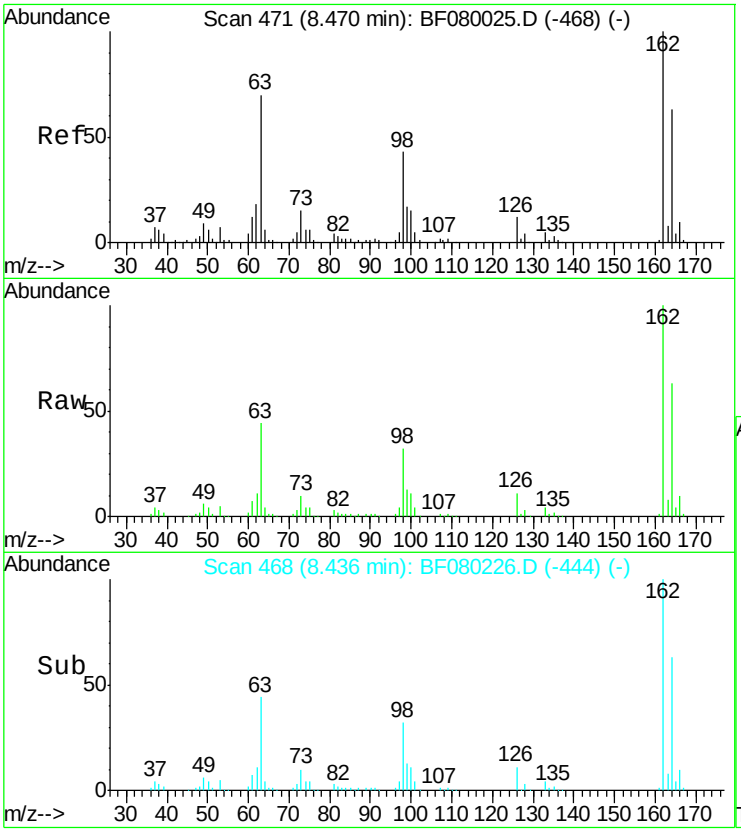


#28
bis(2-Chloroethoxy)methane
Concen: 53.47 ng
RT: 8.31 min Scan# 457
Delta R.T. -0.02 min
Lab File: BF080226.D
Acq: 30 Jun 2015 2:44

Tgt Ion: 93 Resp: 120673

Ion	Ratio	Lower	Upper
93	100		
95	31.5	27.5	41.3
123	9.4	13.7	20.5#



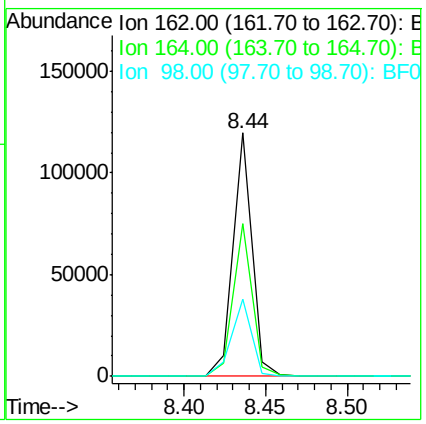


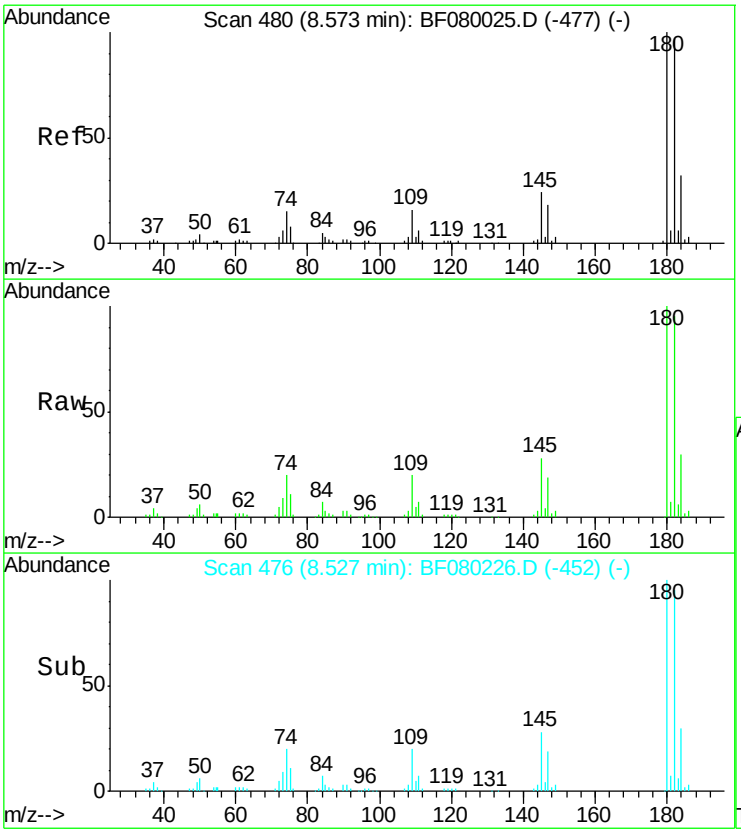
#29
2,4-Dichlorophenol
Concen: 64.46 ng
RT: 8.44 min Scan# 468
Delta R.T. -0.02 min
Lab File: BF080226.D
Acq: 30 Jun 2015 2:44

Instrument :
BNA_F
ClientSampleId :
SOILMS

Tgt Ion:162 Resp: 94915

Ion	Ratio	Lower	Upper
162	100		
164	62.7	44.9	84.9
98	31.6	13.0	53.0

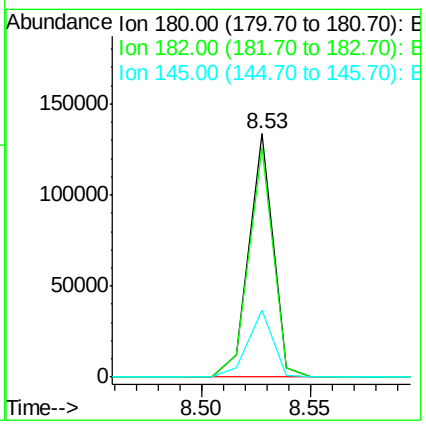


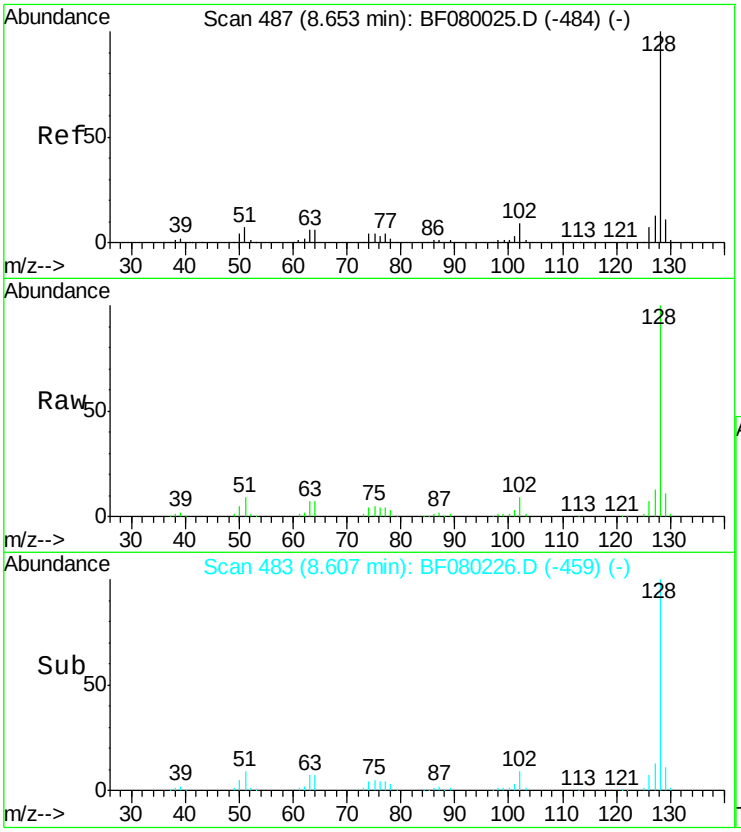


#30
1,2,4-Trichlorobenzene
Concen: 61.93 ng
RT: 8.53 min Scan# 476
Delta R.T. -0.02 min
Lab File: BF080226.D
Acq: 30 Jun 2015 2:44

Tgt Ion:180 Resp: 103556

Ion	Ratio	Lower	Upper
180	100		
182	94.5	77.1	115.7
145	27.6	23.3	34.9



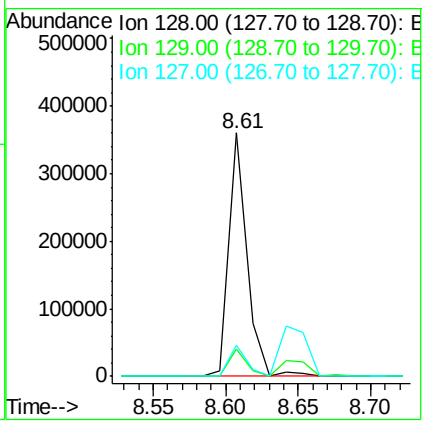


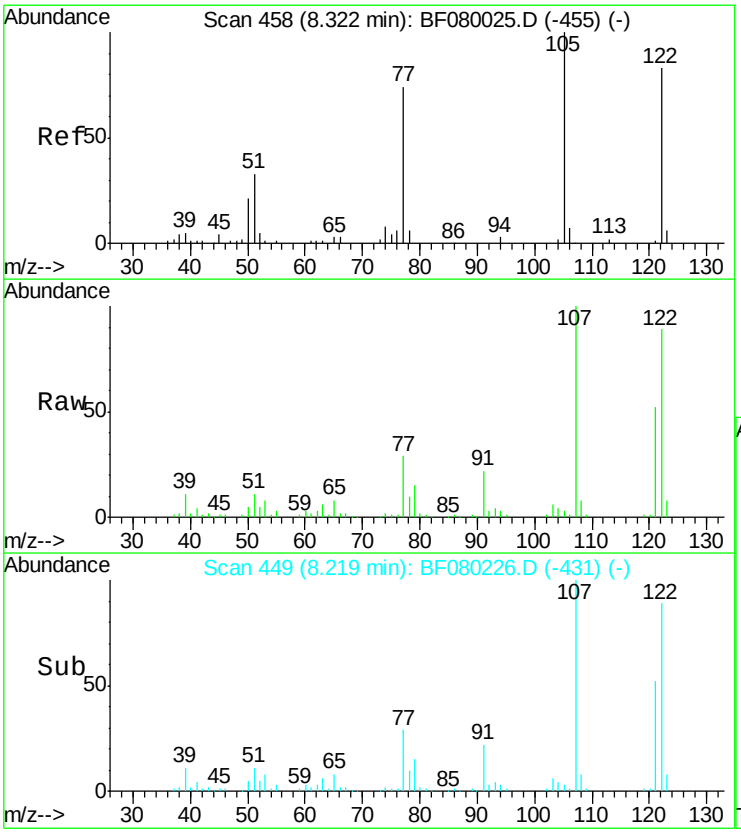
#31
Naphthalene
Concen: 54.09 ng
RT: 8.61 min Scan# 483
Delta R.T. -0.02 min
Lab File: BF080226.D
Acq: 30 Jun 2015 2:44

Instrument :
BNA_F
ClientSampleId :
SOILMS

Tgt Ion:128 Resp: 314235

Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.4	12.6
127	13.0	9.9	14.9

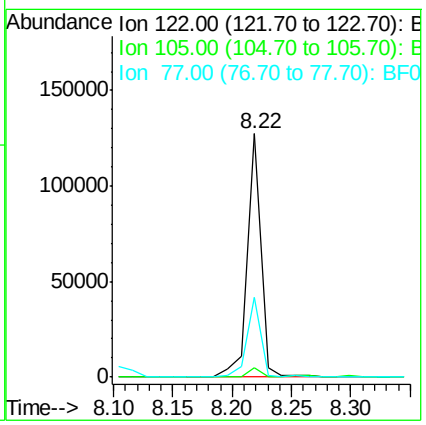


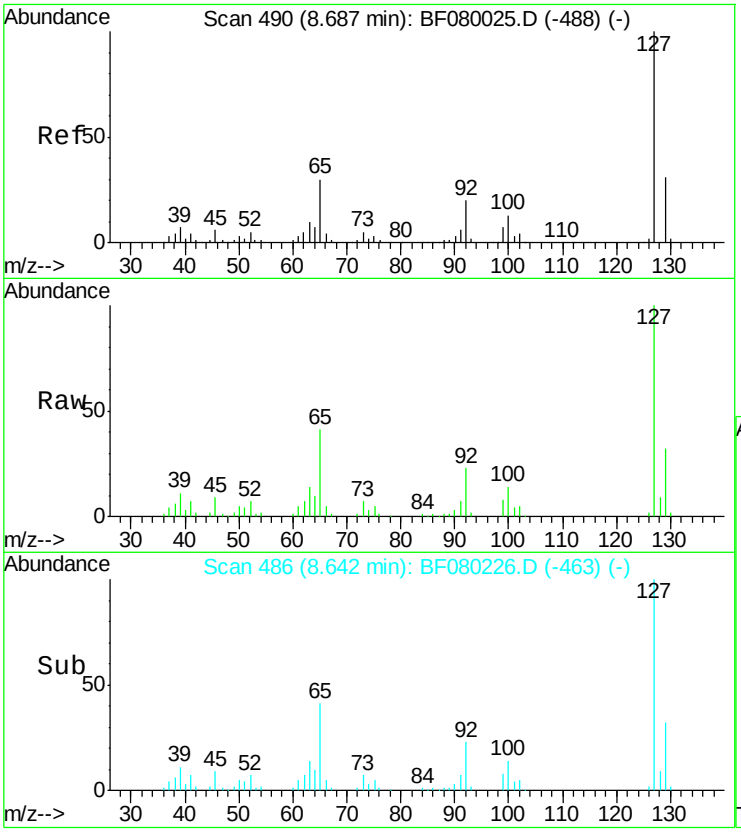


#32
Benzoic acid
Concen: 98.90 ng
RT: 8.22 min Scan# 449
Delta R.T. -0.09 min
Lab File: BF080226.D
Acq: 30 Jun 2015 2:44

Tgt Ion:122 Resp: 102822

Ion	Ratio	Lower	Upper
122	100		
105	3.6	76.1	116.1#
77	32.9	40.5	80.5#



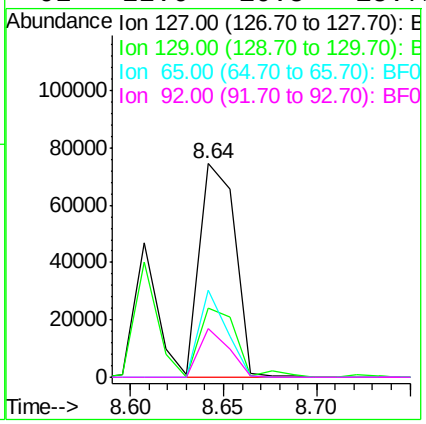


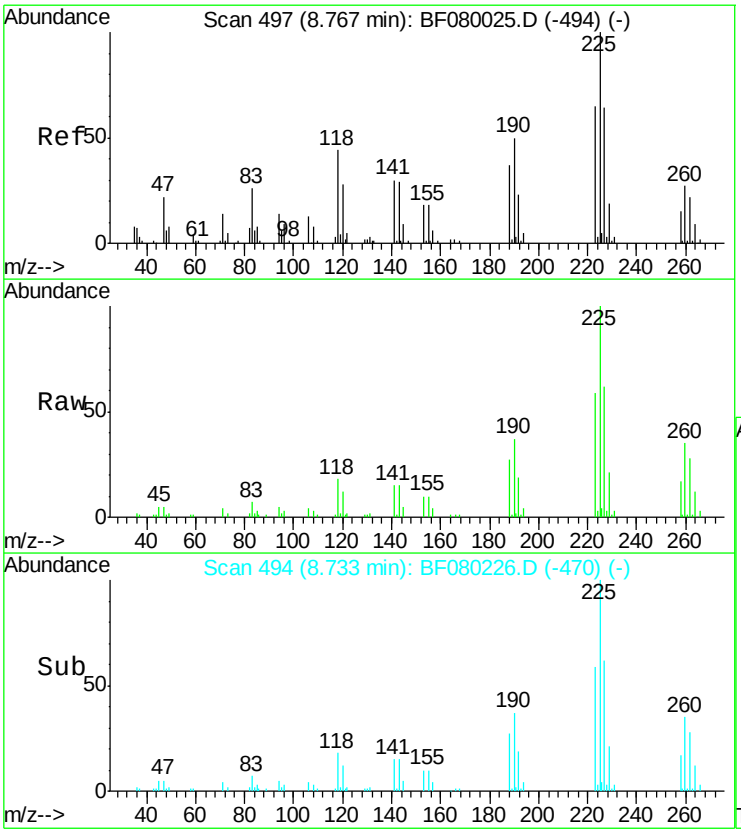
#33
4-Chloroaniline
Concen: 39.37 ng
RT: 8.64 min Scan# 486
Delta R.T. -0.03 min
Lab File: BF080226.D
Acq: 30 Jun 2015 2:44

Instrument :
BNA_F
ClientSampleId :
SOILMS

Tgt Ion:127 Resp: 97879

Ion	Ratio	Lower	Upper
127	100		
129	32.4	25.8	38.6
65	40.7	17.9	26.9#
92	22.6	10.5	15.7#

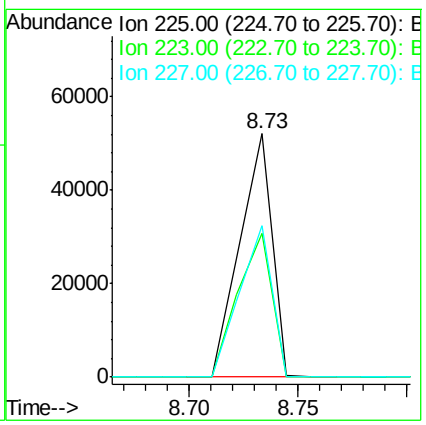


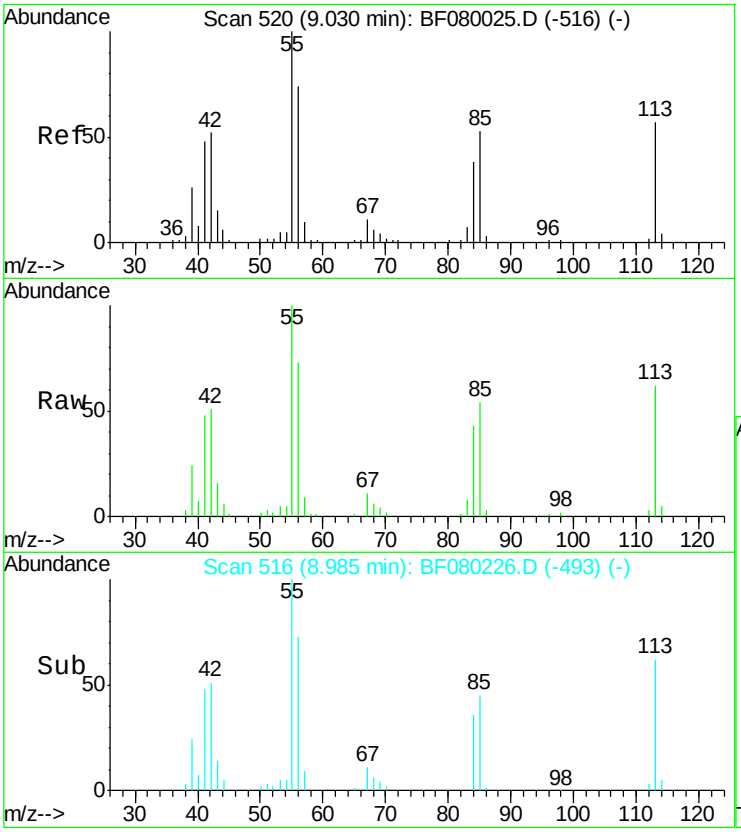


#34
Hexachlorobutadiene
Concen: 51.78 ng
RT: 8.73 min Scan# 494
Delta R.T. -0.02 min
Lab File: BF080226.D
Acq: 30 Jun 2015 2:44

Tgt Ion:225 Resp: 53318

Ion	Ratio	Lower	Upper
225	100		
223	59.2	50.2	75.2
227	62.4	52.2	78.2

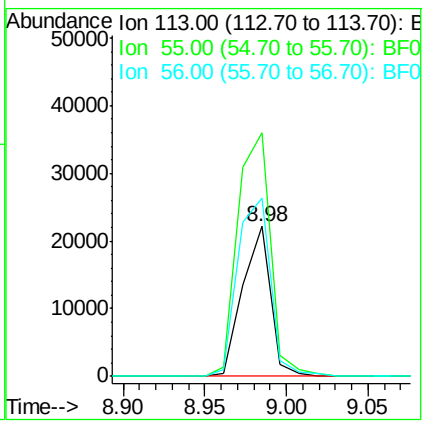




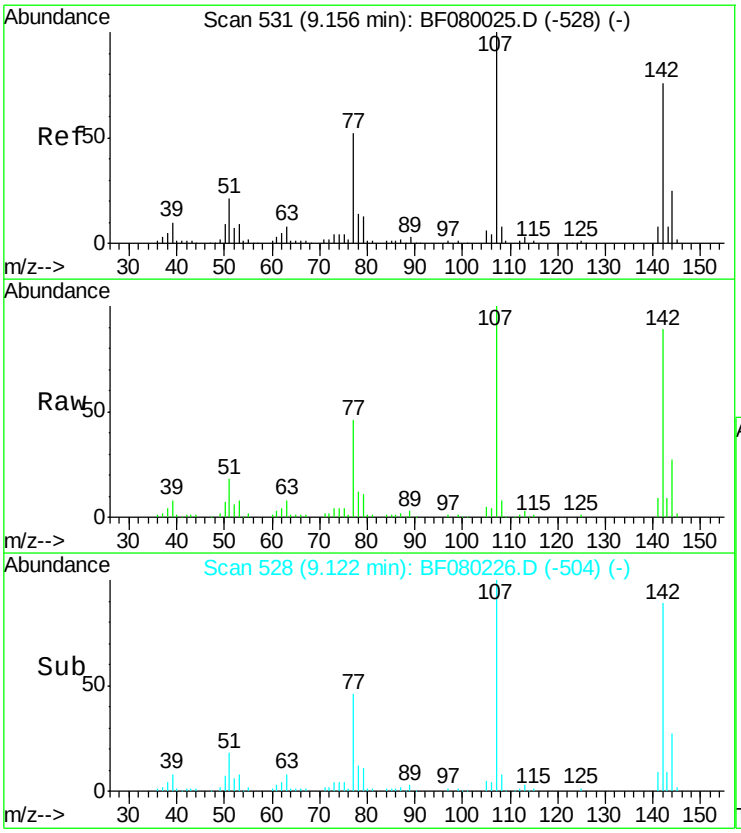
#35
Caprolactam
Concen: 54.84 ng
RT: 8.98 min Scan# 516
Delta R.T. -0.03 min
Lab File: BF080226.D
Acq: 30 Jun 2015 2:44

Tgt Ion:113 Resp: 26210

Ion	Ratio	Lower	Upper
113	100		
55	162.3	152.4	192.4
56	118.8	104.6	144.6



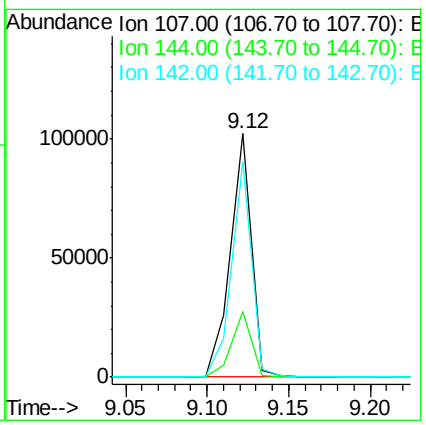
Instrument :
BNA_F
ClientSampleId :
SOILMS

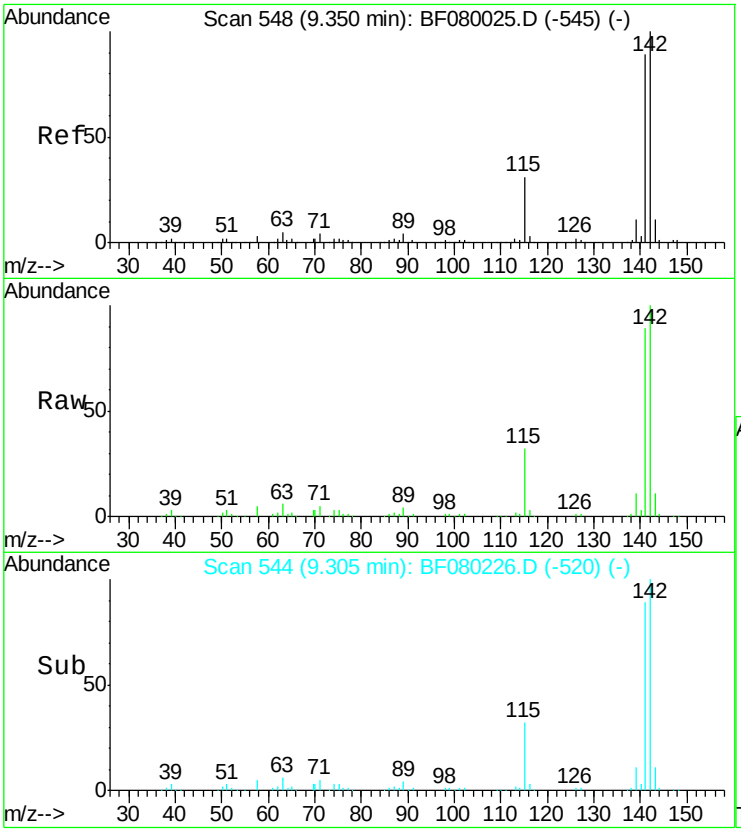


#36
4-Chloro-3-methylphenol
Concen: 54.60 ng
RT: 9.12 min Scan# 528
Delta R.T. -0.02 min
Lab File: BF080226.D
Acq: 30 Jun 2015 2:44

Tgt Ion:107 Resp: 90695

Ion	Ratio	Lower	Upper
107	100		
144	27.2	25.4	38.0
142	88.6	77.3	115.9



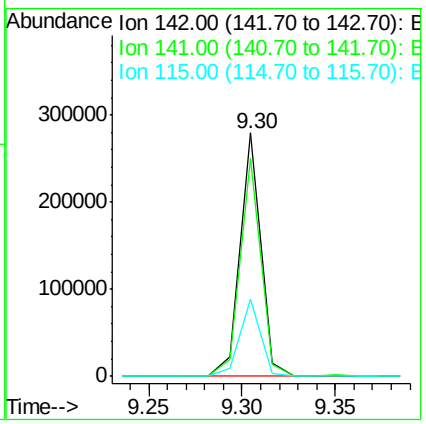


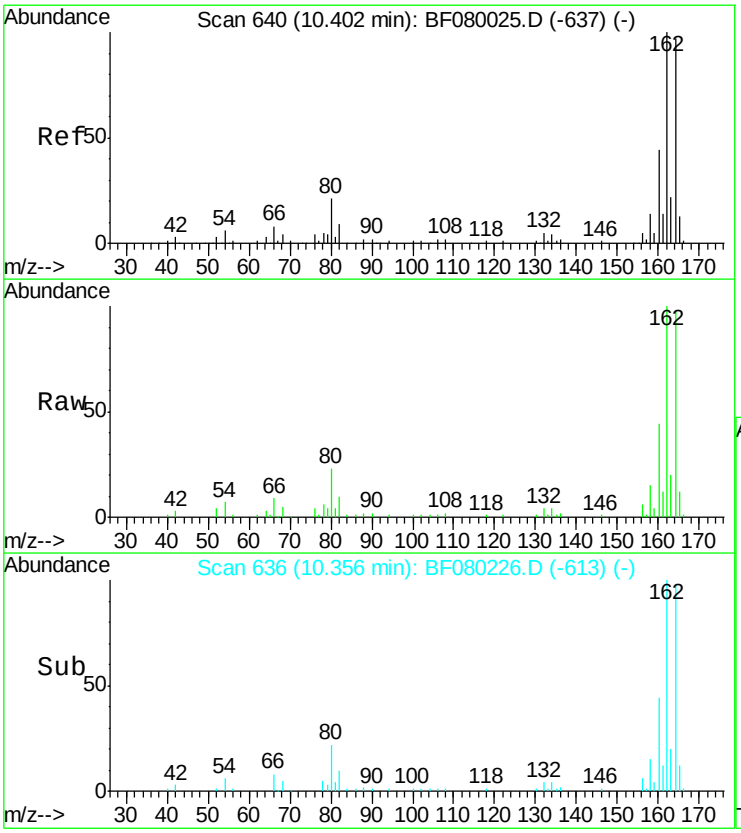
#37
2-Methylnaphthalene
Concen: 57.88 ng
RT: 9.30 min Scan# 544
Delta R.T. -0.02 min
Lab File: BF080226.D
Acq: 30 Jun 2015 2:44

Instrument :
BNA_F
ClientSampleId :
SOILMS

Tgt Ion:142 Resp: 217509

Ion	Ratio	Lower	Upper
142	100		
141	89.3	67.5	101.3
115	31.9	18.2	27.2#

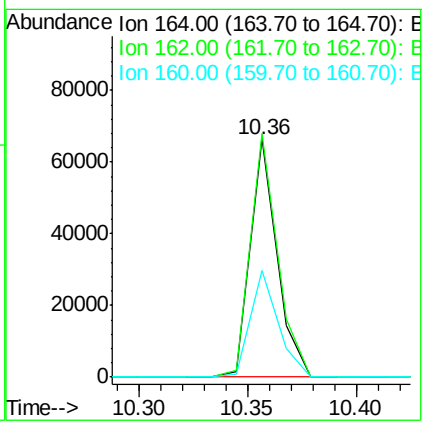


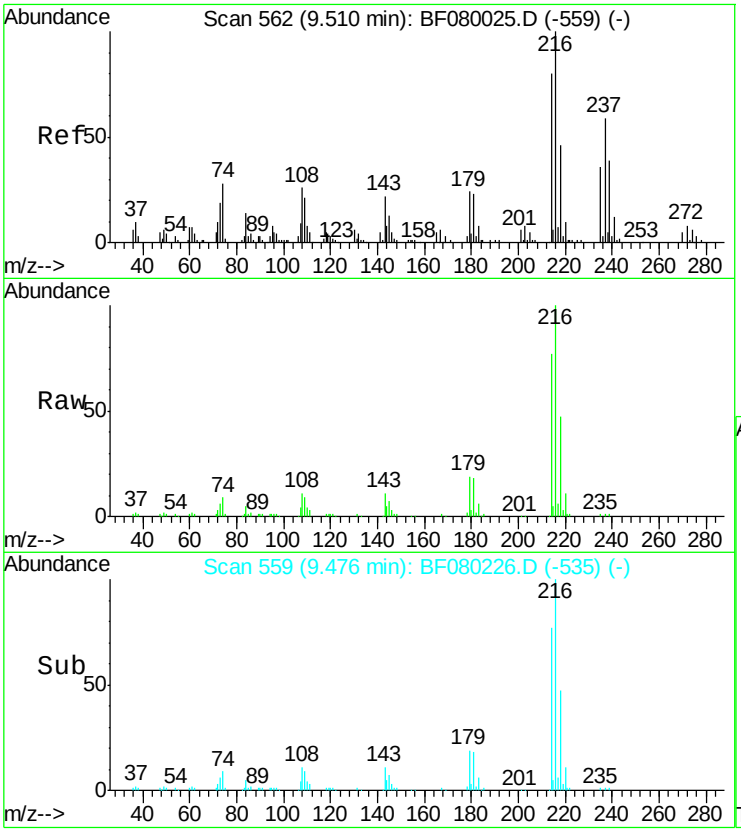


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.36 min Scan# 636
Delta R.T. -0.03 min
Lab File: BF080226.D
Acq: 30 Jun 2015 2:44

Tgt Ion:164 Resp: 56509

Ion	Ratio	Lower	Upper
164	100		
162	102.2	75.2	112.8
160	45.0	31.5	47.3



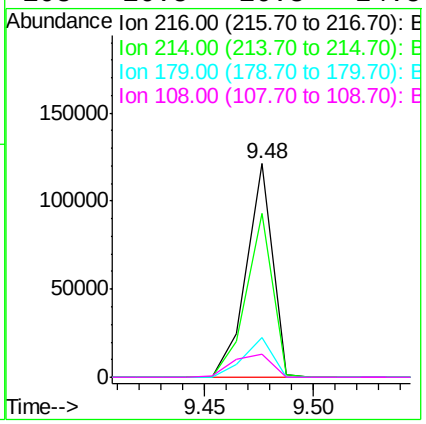


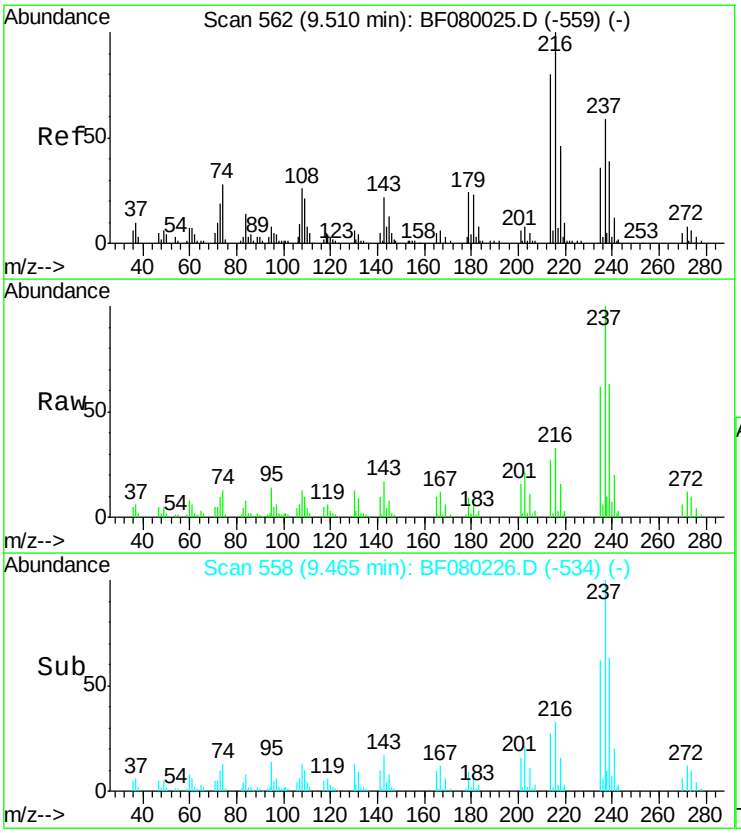
#39
1,2,4,5-Tetrachlorobenzene
Concen: 61.61 ng
RT: 9.48 min Scan# 559
Delta R.T. -0.02 min
Lab File: BF080226.D
Acq: 30 Jun 2015 2:44

Instrument :
BNA_F
ClientSampleId :
SOILMS

Tgt Ion:216 Resp: 101314

Ion	Ratio	Lower	Upper
216	100		
214	77.5	63.5	95.3
179	20.2	16.6	24.8
108	16.5	16.3	24.5

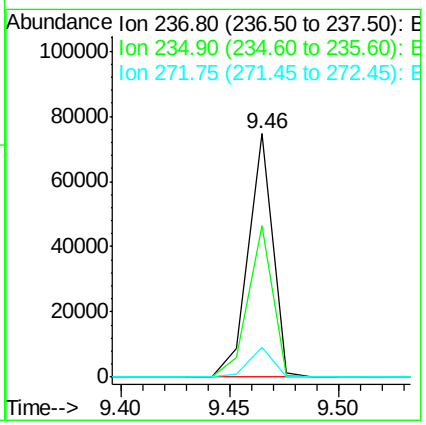


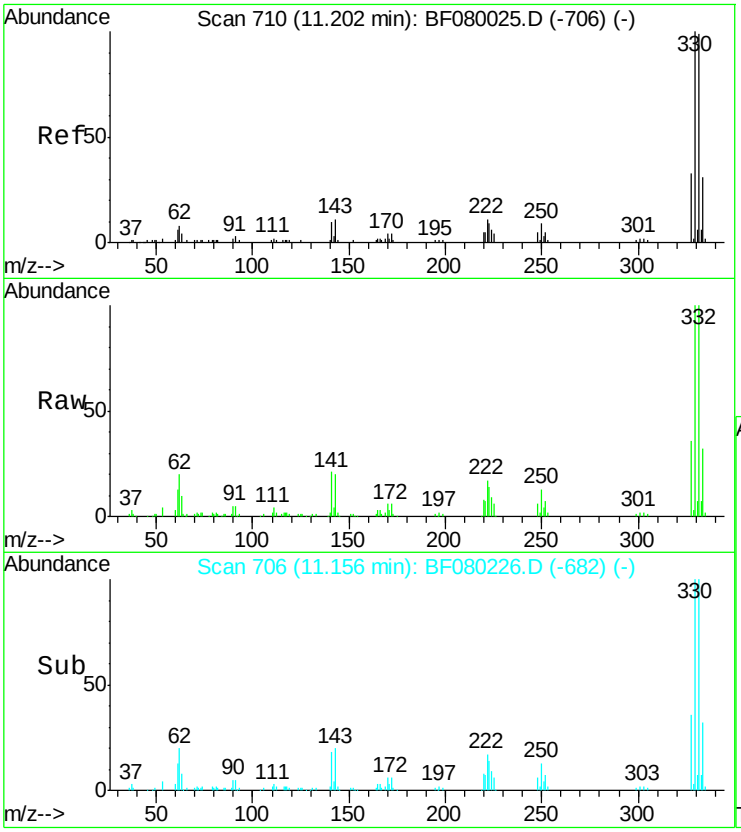


#40
Hexachlorocyclopentadiene
Concen: 69.48 ng
RT: 9.46 min Scan# 558
Delta R.T. -0.02 min
Lab File: BF080226.D
Acq: 30 Jun 2015 2:44

Tgt Ion:237 Resp: 58036

Ion	Ratio	Lower	Upper
237	100		
235	62.3	42.0	82.0
272	12.5	0.0	36.1



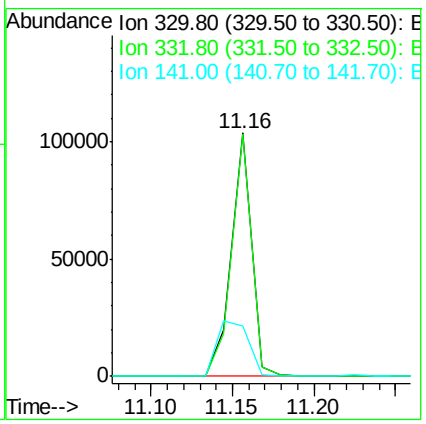


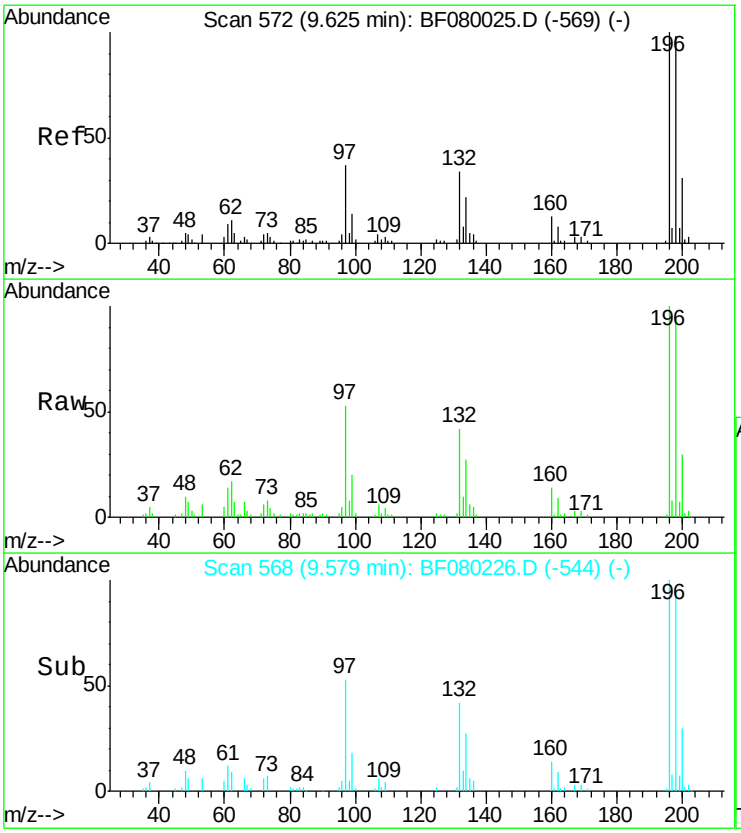
#41
2,4,6-Tribromophenol
Concen: 159.39 ng
RT: 11.16 min Scan# 706
Delta R.T. -0.02 min
Lab File: BF080226.D
Acq: 30 Jun 2015 2:44

Instrument :
BNA_F
ClientSampleId :
SOILMS

Tgt Ion:330 Resp: 88076

Ion	Ratio	Lower	Upper
330	100		
332	98.1	76.6	114.8
141	35.8	29.7	44.5

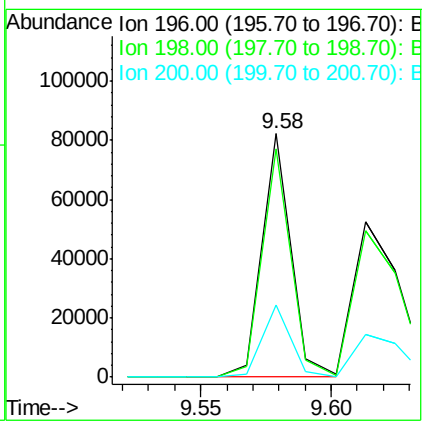


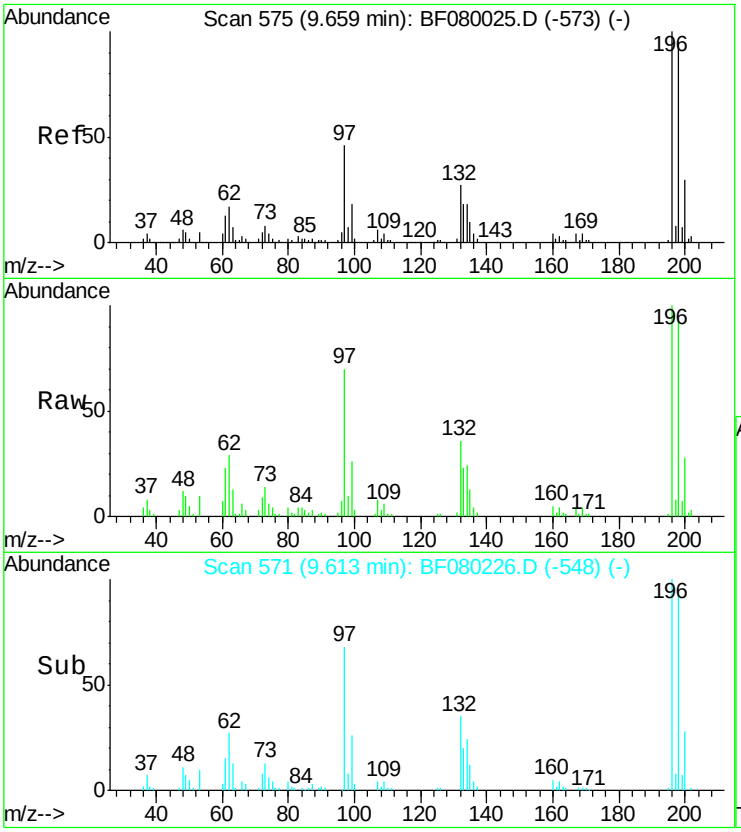


#42
2,4,6-Trichlorophenol
Concen: 57.08 ng
RT: 9.58 min Scan# 568
Delta R.T. -0.02 min
Lab File: BF080226.D
Acq: 30 Jun 2015 2:44

Tgt Ion:196 Resp: 63868

Ion	Ratio	Lower	Upper
196	100		
198	93.6	75.7	113.5
200	29.8	23.9	35.9



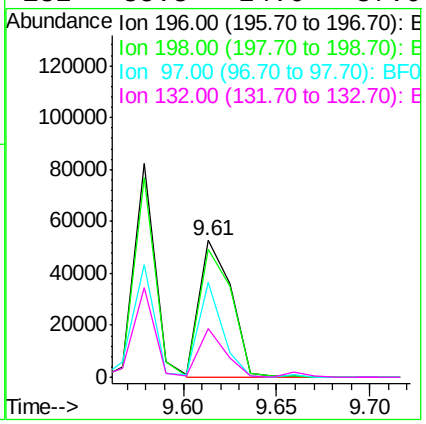


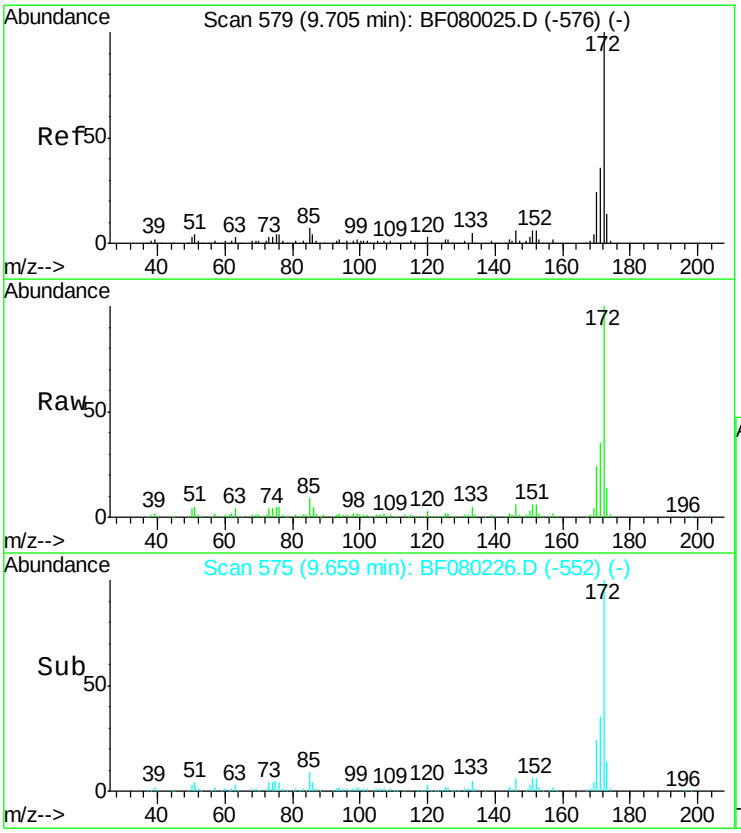
#43
2,4,5-Trichlorophenol
Concen: 48.29 ng
RT: 9.61 min Scan# 571
Delta R.T. -0.03 min
Lab File: BF080226.D
Acq: 30 Jun 2015 2:44

Instrument :
BNA_F
ClientSampleId :
SOILMS

Tgt Ion:196 Resp: 62247

Ion	Ratio	Lower	Upper
196	100		
198	94.2	75.4	113.0
97	69.7	33.3	49.9#
132	35.8	24.6	37.0

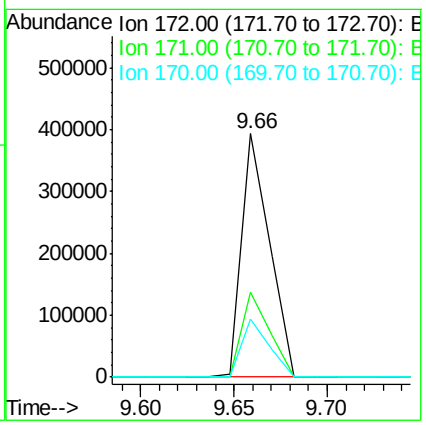


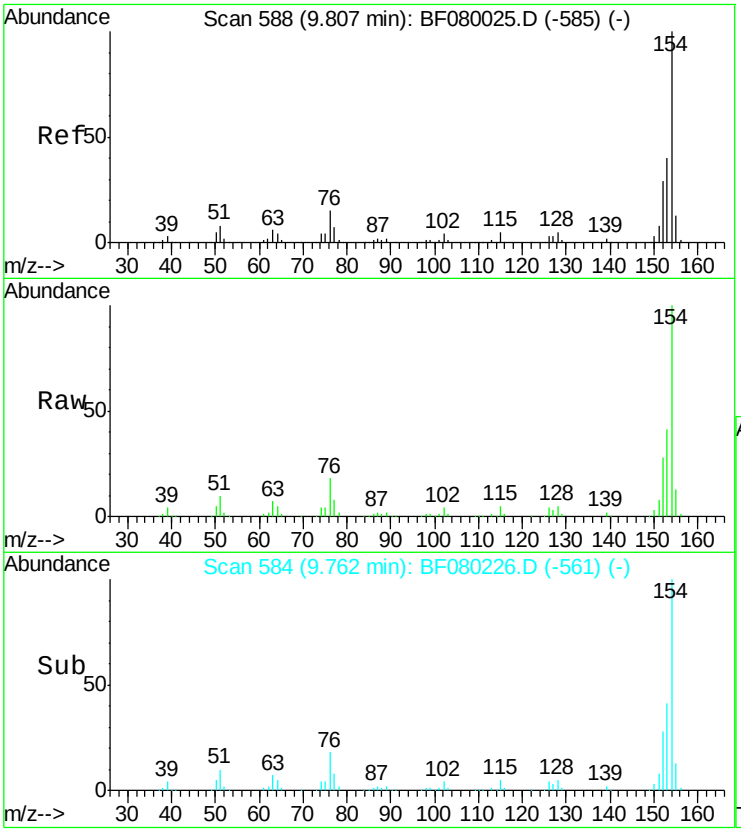


#44
2-Fluorobiphenyl
Concen: 102.69 ng
RT: 9.66 min Scan# 575
Delta R.T. -0.03 min
Lab File: BF080226.D
Acq: 30 Jun 2015 2:44

Tgt Ion:172 Resp: 406917

Ion	Ratio	Lower	Upper
172	100		
171	35.0	26.1	39.1
170	23.7	17.4	26.2



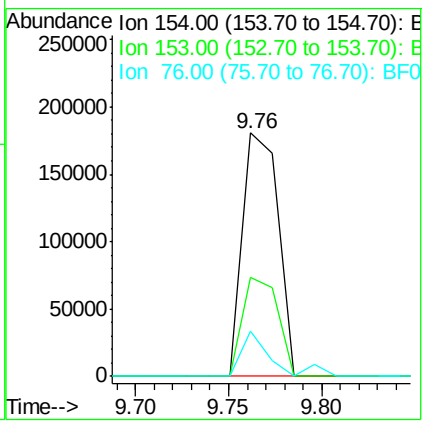


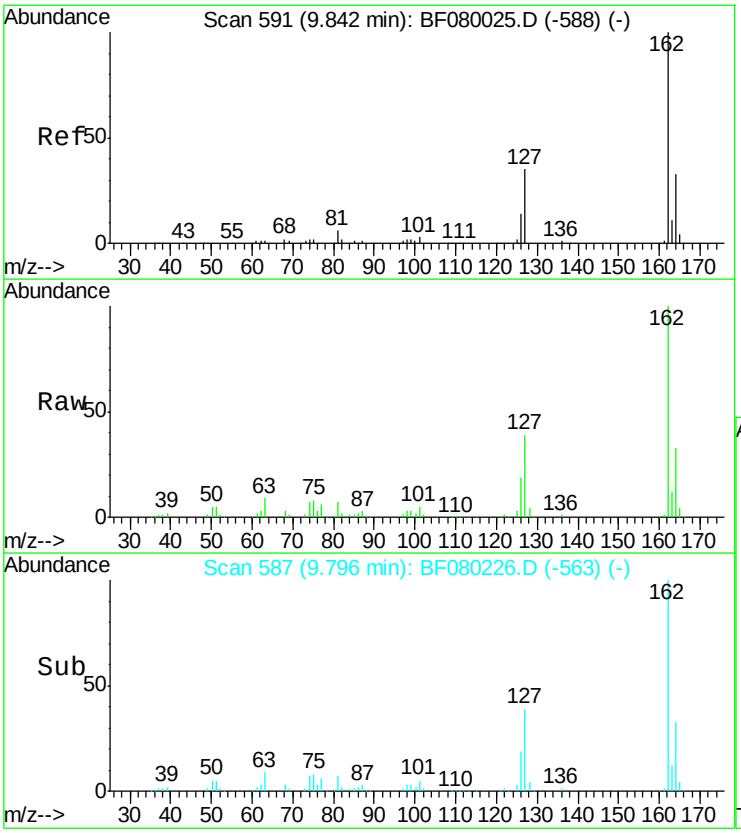
#45
1,1'-Biphenyl
Concen: 51.83 ng
RT: 9.76 min Scan# 584
Delta R.T. -0.03 min
Lab File: BF080226.D
Acq: 30 Jun 2015 2:44

Instrument :
BNA_F
ClientSampleId :
SOILMS

Tgt Ion:154 Resp: 238307

Ion	Ratio	Lower	Upper
154	100		
153	40.5	17.1	57.1
76	18.3	0.0	31.6

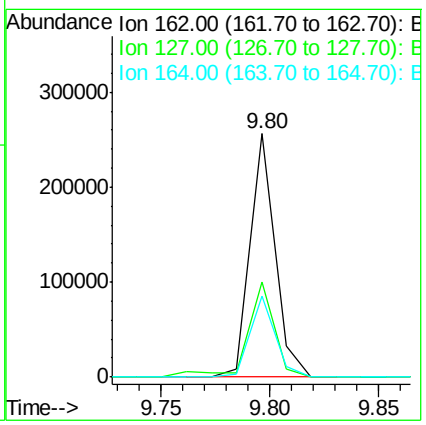


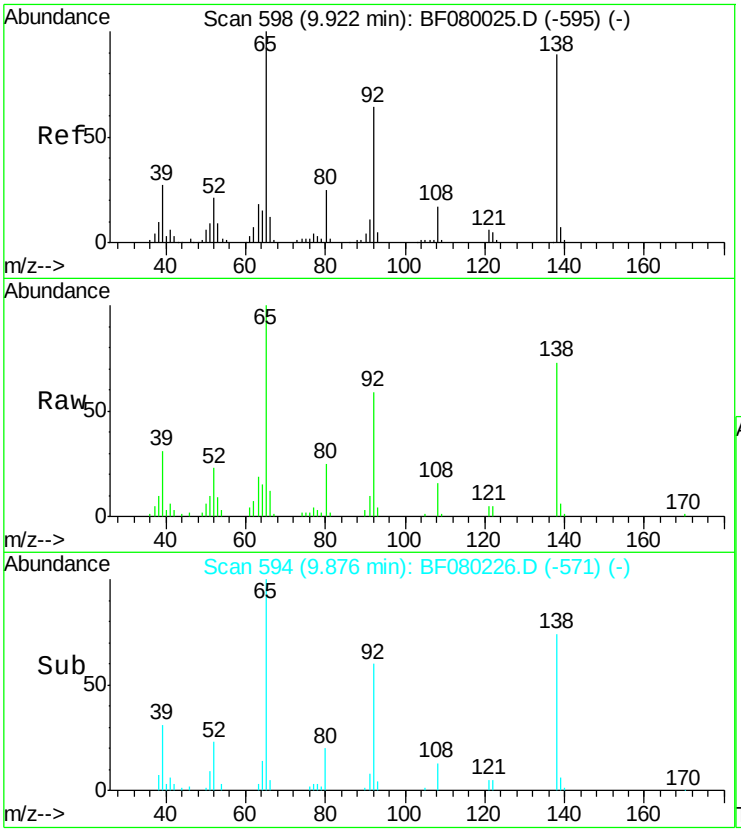


#46
2-Chloronaphthalene
Concen: 54.53 ng
RT: 9.80 min Scan# 587
Delta R.T. -0.02 min
Lab File: BF080226.D
Acq: 30 Jun 2015 2:44

Tgt Ion:162 Resp: 203405

Ion	Ratio	Lower	Upper
162	100		
127	39.1	27.6	41.4
164	33.4	25.4	38.2



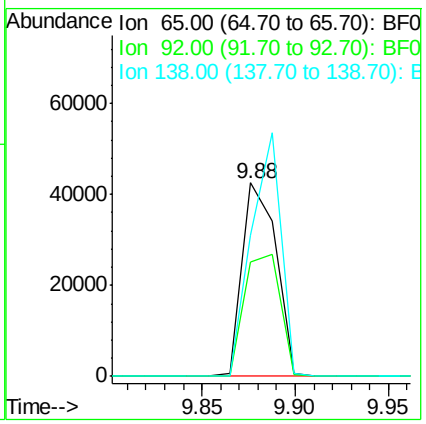


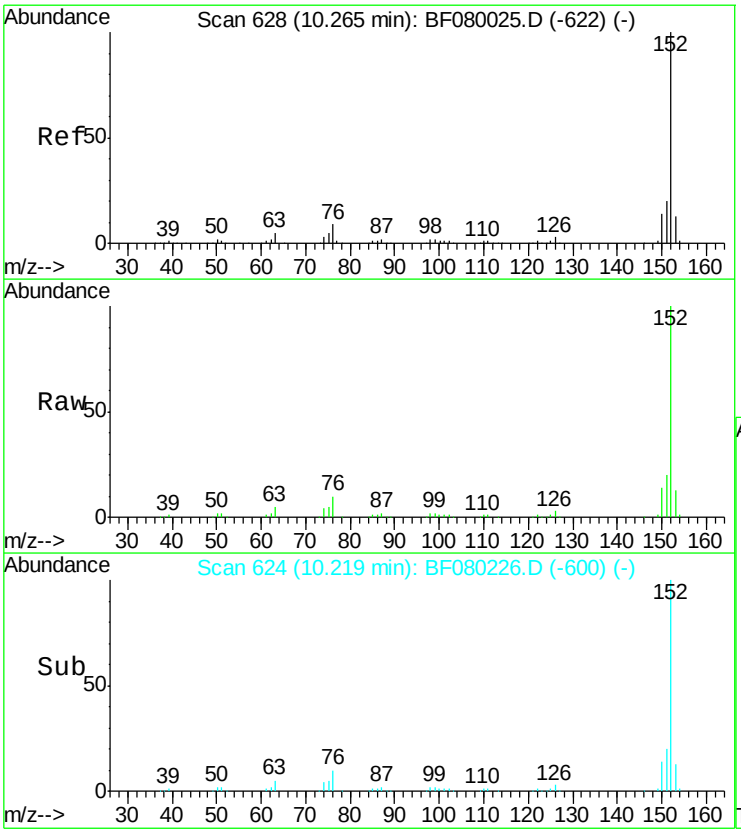
#47
2-Nitroaniline
Concen: 52.04 ng
RT: 9.88 min Scan# 594
Delta R.T. -0.03 min
Lab File: BF080226.D
Acq: 30 Jun 2015 2:44

Instrument :
BNA_F
ClientSampleId :
SOILMS

Tgt Ion: 65 Resp: 53292

Ion	Ratio	Lower	Upper
65	100		
92	58.9	55.4	83.0
138	73.0	115.5	173.3#

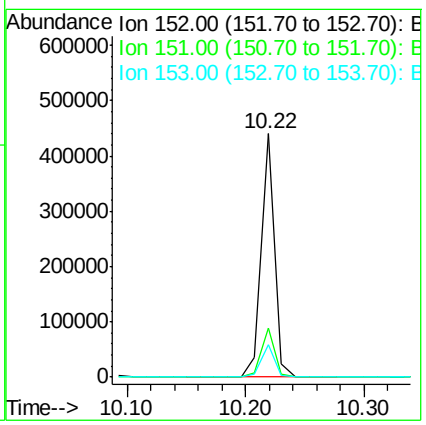


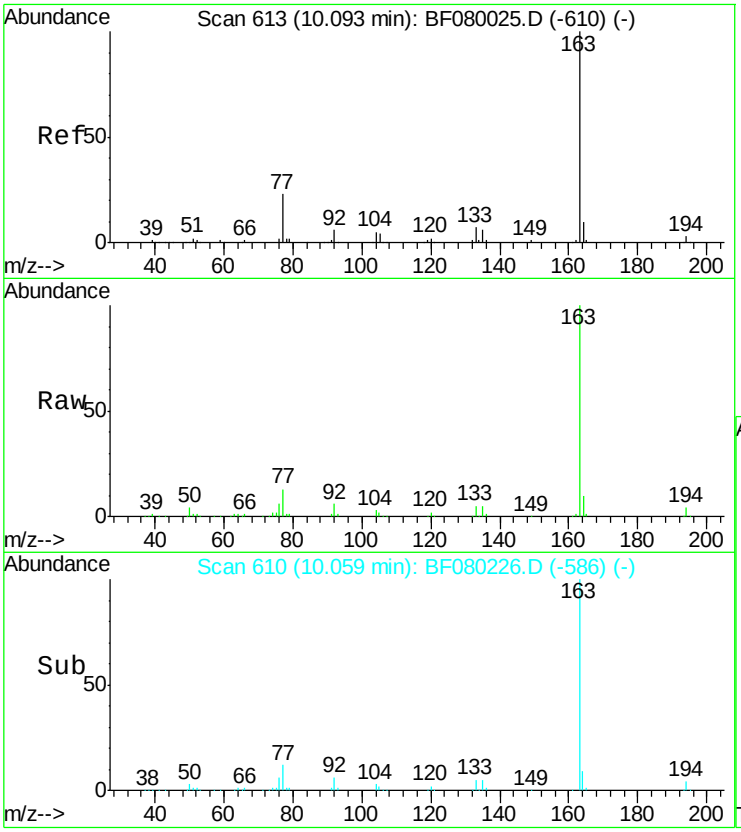


#48
Acenaphthylene
Concen: 55.23 ng
RT: 10.22 min Scan# 624
Delta R.T. -0.02 min
Lab File: BF080226.D
Acq: 30 Jun 2015 2:44

Tgt Ion:152 Resp: 343858

Ion	Ratio	Lower	Upper
152	100		
151	20.1	14.6	22.0
153	13.2	10.3	15.5



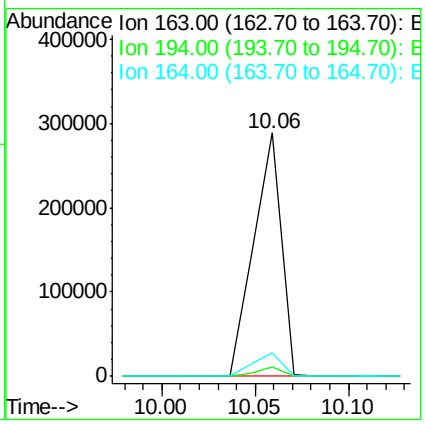


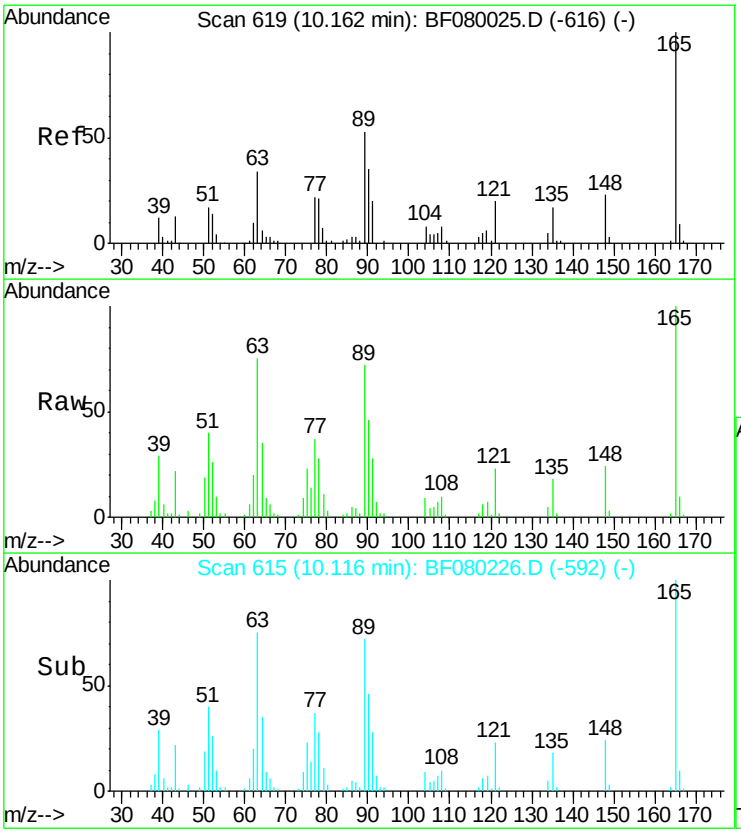
#49
Dimethylphthalate
Concen: 69.05 ng
RT: 10.06 min Scan# 610
Delta R.T. -0.02 min
Lab File: BF080226.D
Acq: 30 Jun 2015 2:44

Instrument :
BNA_F
ClientSampleId :
SOILMS

Tgt Ion:163 Resp: 293373

Ion	Ratio	Lower	Upper
163	100		
194	4.0	4.4	6.6#
164	9.8	8.3	12.5

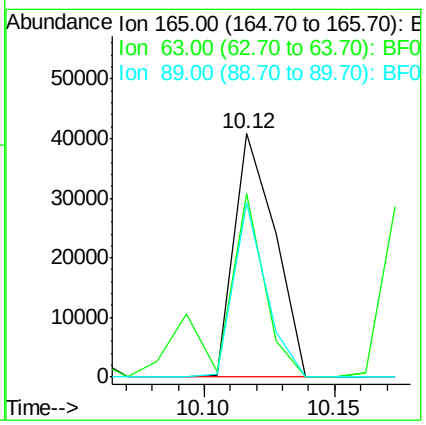


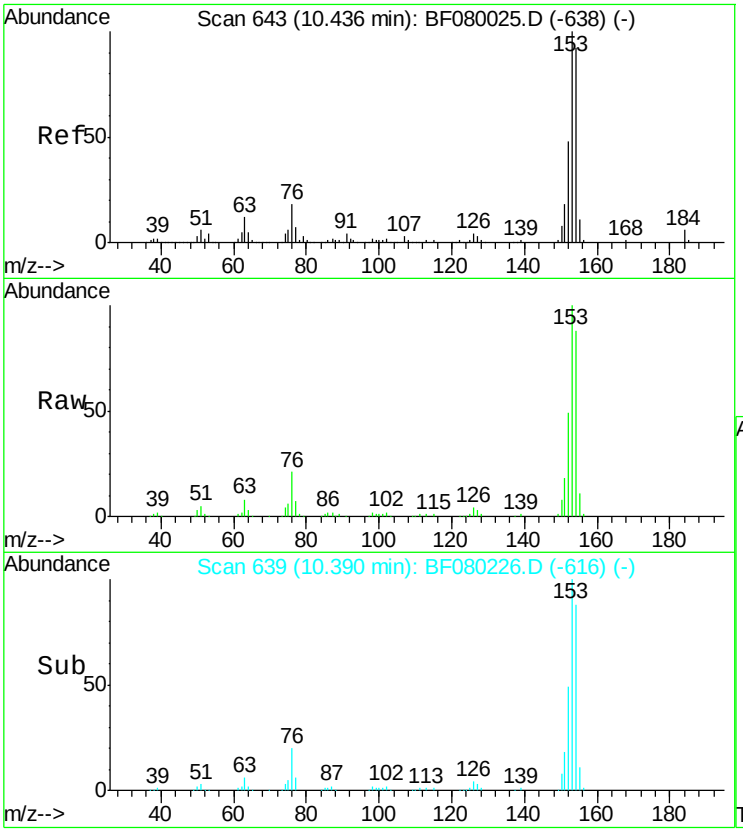


#50
2,6-Dinitrotoluene
Concen: 52.62 ng
RT: 10.12 min Scan# 615
Delta R.T. -0.03 min
Lab File: BF080226.D
Acq: 30 Jun 2015 2:44

Tgt Ion:165 Resp: 44817

Ion	Ratio	Lower	Upper
165	100		
63	75.4	32.3	48.5#
89	71.5	28.6	43.0#



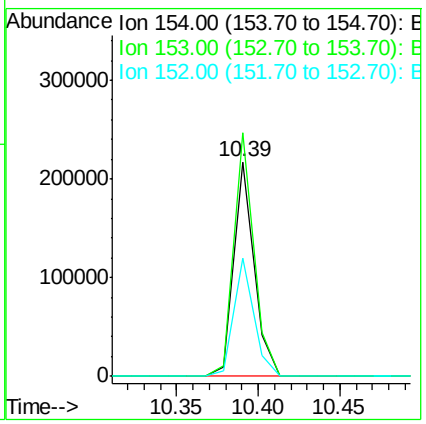


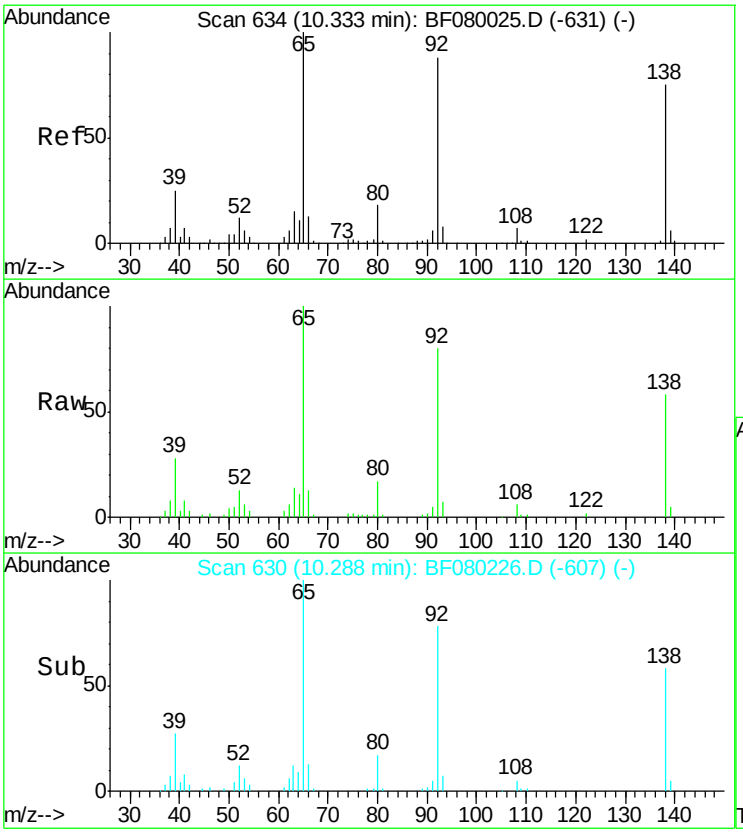
#51
Acenaphthene
Concen: 48.57 ng
RT: 10.39 min Scan# 639
Delta R.T. -0.03 min
Lab File: BF080226.D
Acq: 30 Jun 2015 2:44

Instrument :
BNA_F
ClientSampleId :
SOILMS

Tgt Ion:154 Resp: 185013

Ion	Ratio	Lower	Upper
154	100		
153	113.4	82.1	123.1
152	55.3	37.9	56.9

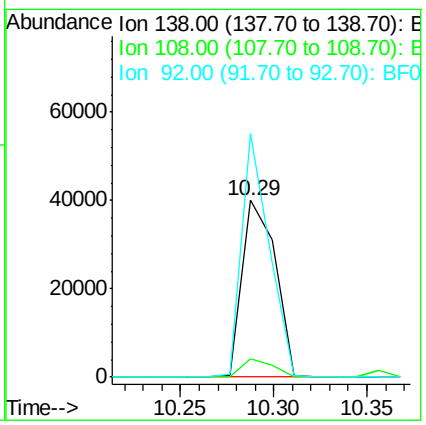


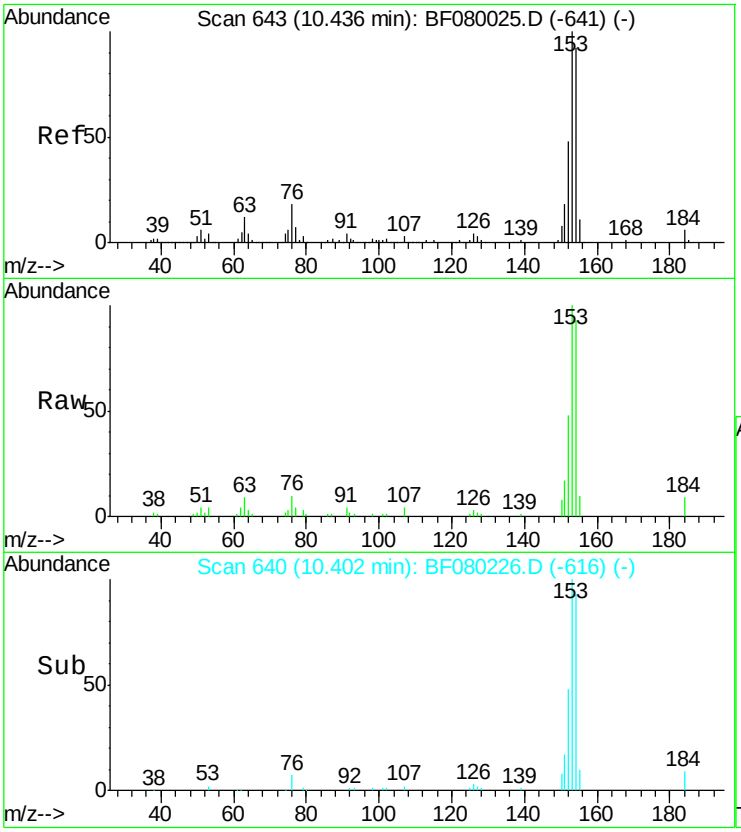


#52
3-Nitroaniline
Concen: 50.17 ng
RT: 10.29 min Scan# 630
Delta R.T. -0.03 min
Lab File: BF080226.D
Acq: 30 Jun 2015 2:44

Tgt Ion:138 Resp: 49304

Ion	Ratio	Lower	Upper
138	100		
108	10.7	5.7	8.5#
92	137.7	67.7	101.5#



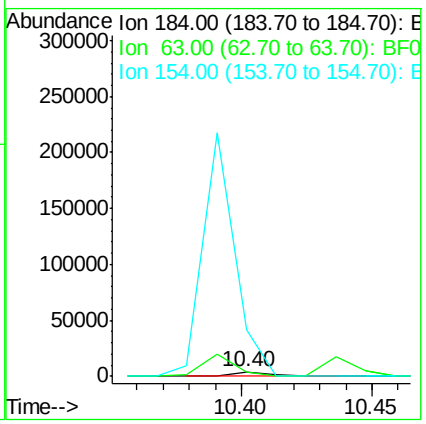


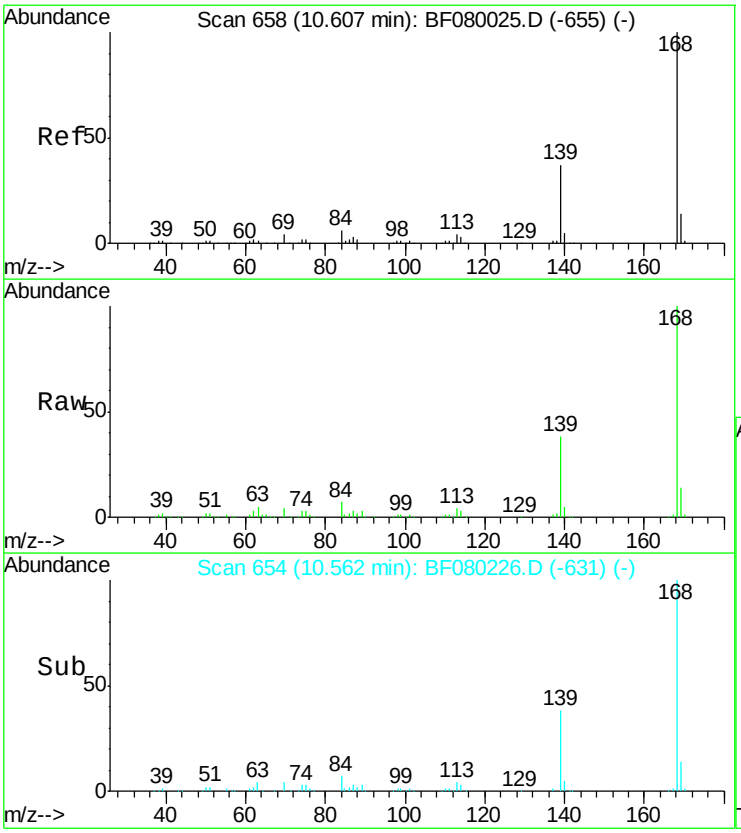
#53
2,4-Dinitrophenol
Concen: 15.14 ng
RT: 10.40 min Scan# 640
Delta R.T. -0.02 min
Lab File: BF080226.D
Acq: 30 Jun 2015 2:44

Instrument :
BNA_F
ClientSampleId :
SOILMS

Tgt Ion:184 Resp: 3482

Ion	Ratio	Lower	Upper
184	100		
63	95.9	35.4	53.2#
154	1018.1	32.2	48.4#

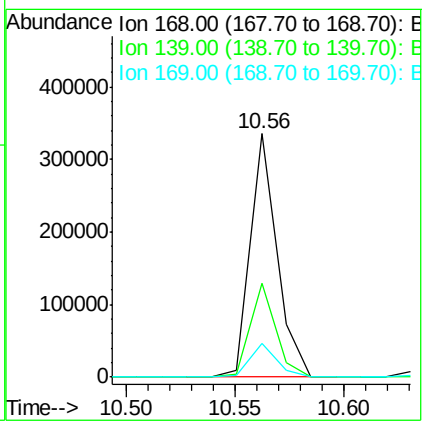


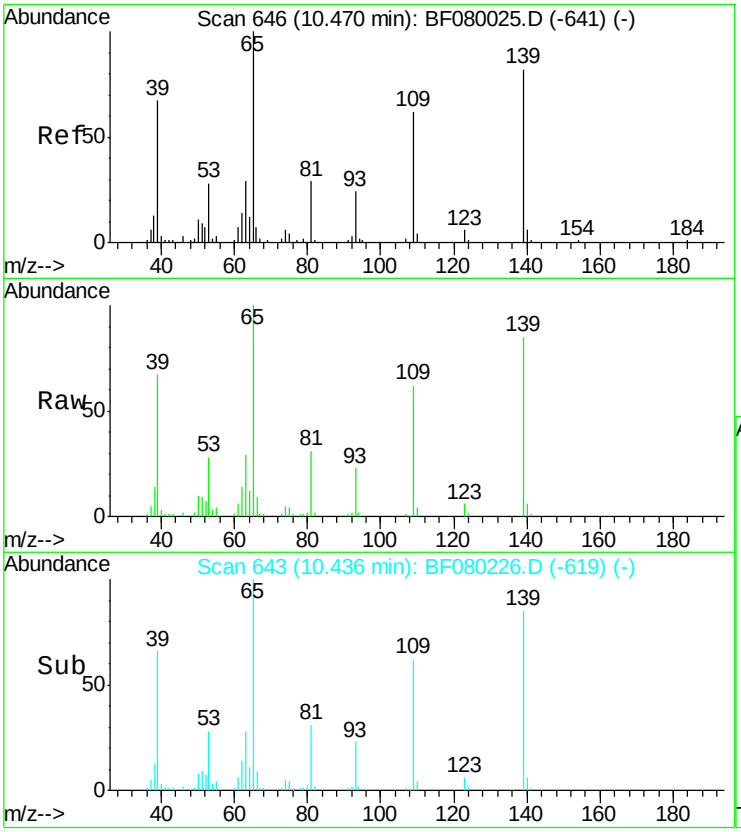


#54
Dibenzofuran
Concen: 53.14 ng
RT: 10.56 min Scan# 654
Delta R.T. -0.03 min
Lab File: BF080226.D
Acq: 30 Jun 2015 2:44

Tgt Ion:168 Resp: 287222

Ion	Ratio	Lower	Upper
168	100		
139	38.4	24.2	36.2#
169	14.0	10.6	15.8



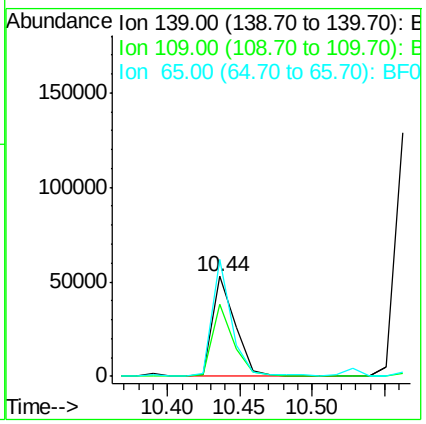


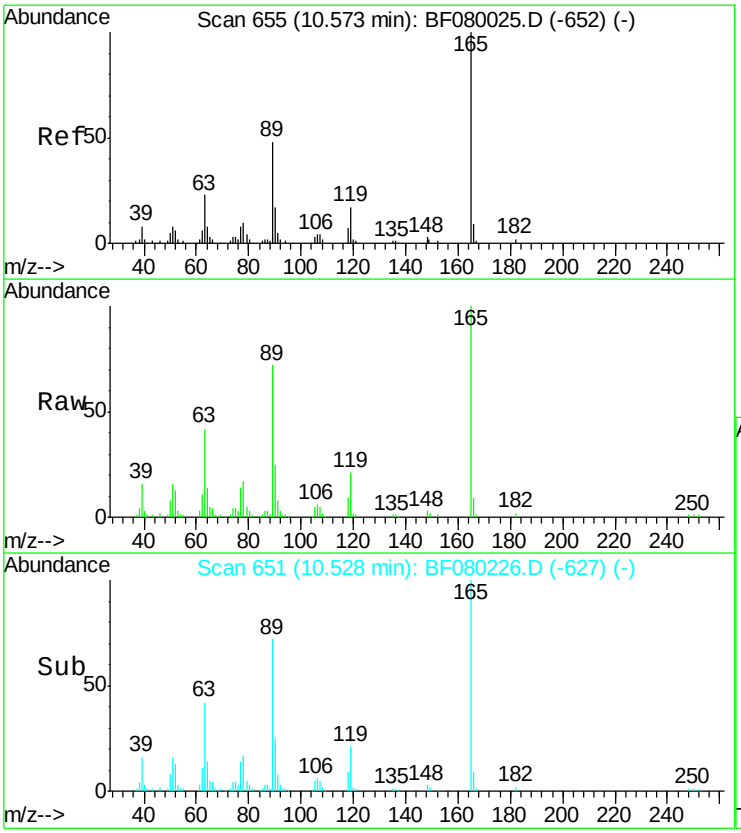
#55
4-Nitrophenol
Concen: 74.28 ng
RT: 10.44 min Scan# 643
Delta R.T. -0.02 min
Lab File: BF080226.D
Acq: 30 Jun 2015 2:44

Instrument :
BNA_F
ClientSampleId :
SOILMS

Tgt Ion:139 Resp: 58340

Ion	Ratio	Lower	Upper
139	100		
109	72.5	12.7	52.7#
65	117.2	45.9	85.9#

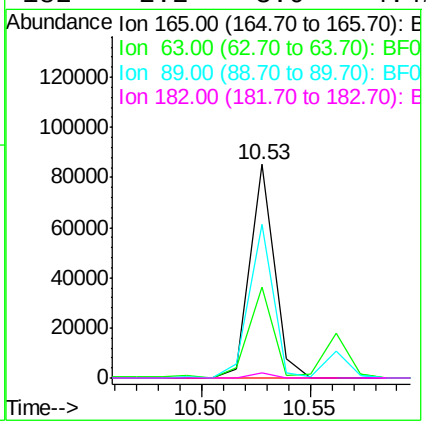


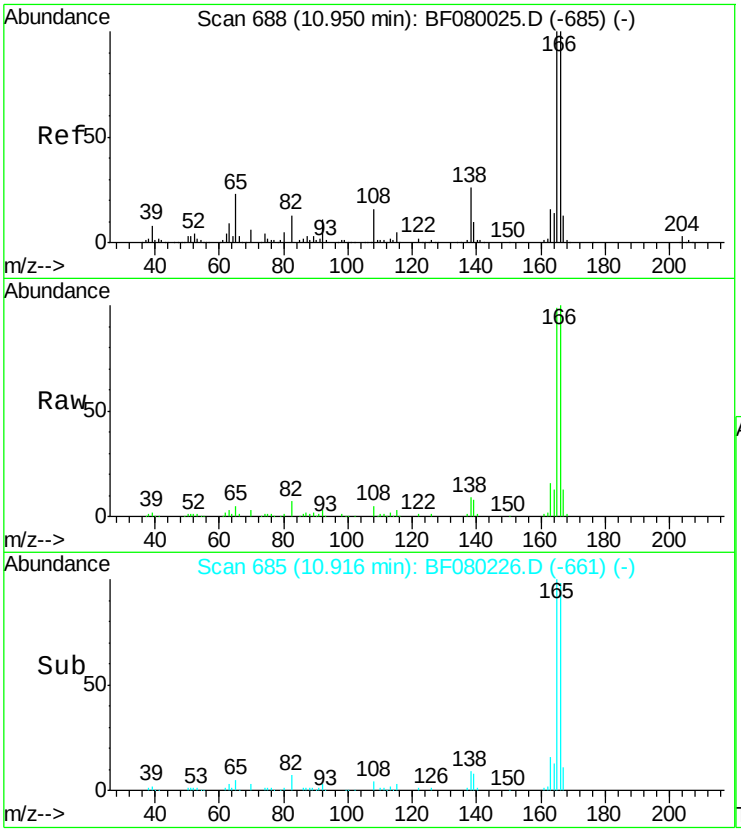


#56
2,4-Dinitrotoluene
Concen: 61.12 ng
RT: 10.53 min Scan# 651
Delta R.T. -0.02 min
Lab File: BF080226.D
Acq: 30 Jun 2015 2:44

Tgt Ion:165 Resp: 66055

Ion	Ratio	Lower	Upper
165	100		
63	42.4	29.8	44.6
89	71.9	44.5	66.7#
182	2.2	3.0	4.4#



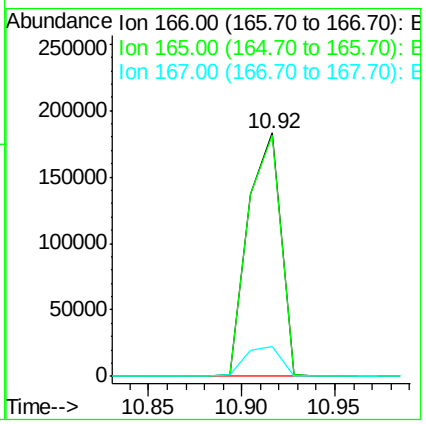


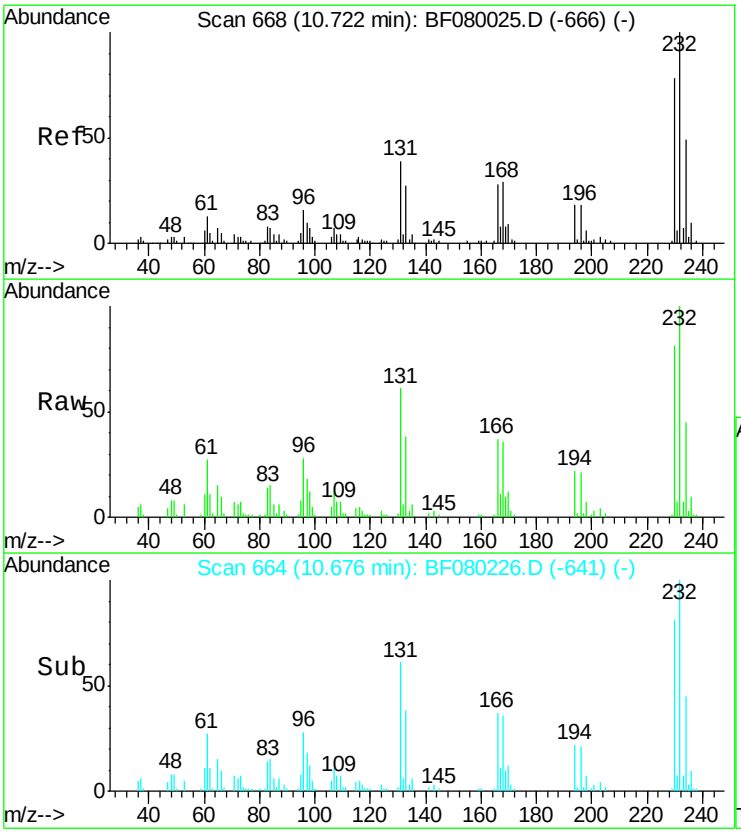
#57
Fluorene
Concen: 51.64 ng
RT: 10.92 min Scan# 685
Delta R.T. -0.02 min
Lab File: BF080226.D
Acq: 30 Jun 2015 2:44

Instrument :
BNA_F
ClientSampleId :
SOILMS

Tgt Ion:166 Resp: 221465

Ion	Ratio	Lower	Upper
166	100		
165	99.0	72.6	109.0
167	12.5	10.6	16.0

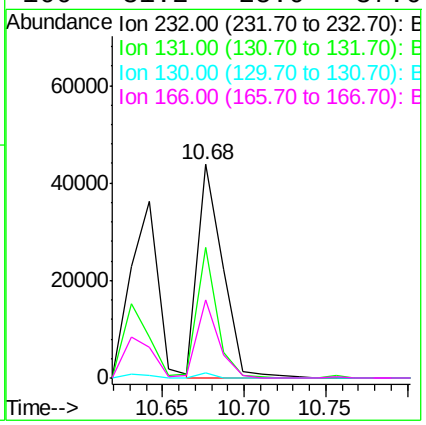


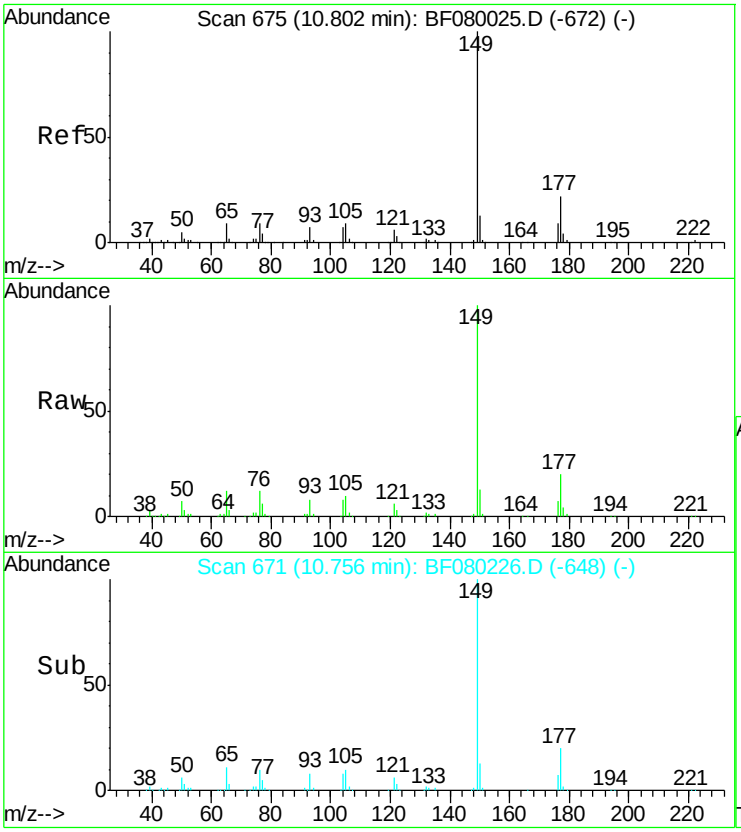


#58
2,3,4,6-Tetrachlorophenol
Concen: 43.48 ng
RT: 10.68 min Scan# 664
Delta R.T. -0.03 min
Lab File: BF080226.D
Acq: 30 Jun 2015 2:44

Tgt Ion:232 Resp: 47316

Ion	Ratio	Lower	Upper
232	100		
131	48.9	38.5	57.7
130	1.5	1.8	2.6#
166	31.2	25.0	37.6



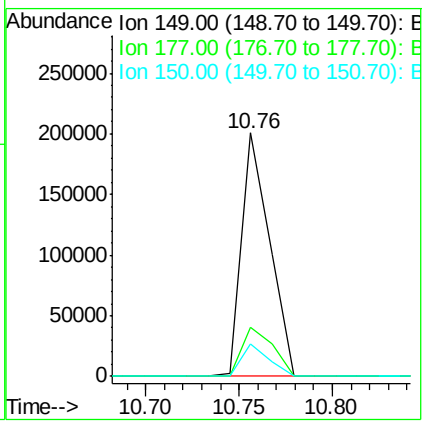


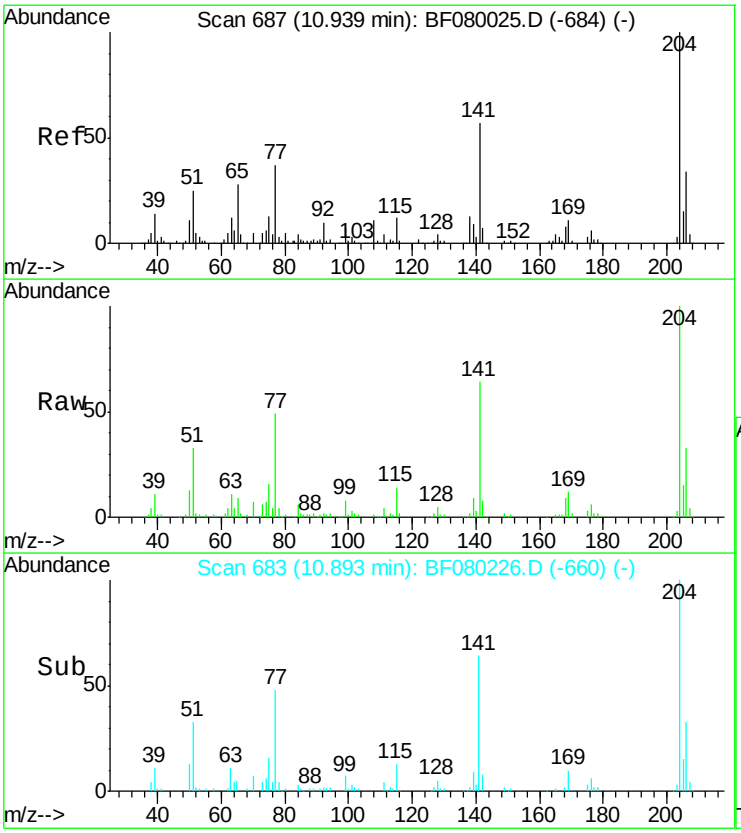
#59
Diethylphthalate
Concen: 48.80 ng
RT: 10.76 min Scan# 671
Delta R.T. -0.03 min
Lab File: BF080226.D
Acq: 30 Jun 2015 2:44

Instrument :
BNA_F
ClientSampleId :
SOILMS

Tgt Ion:149 Resp: 208776

Ion	Ratio	Lower	Upper
149	100		
177	19.9	17.5	26.3
150	13.2	9.4	14.2

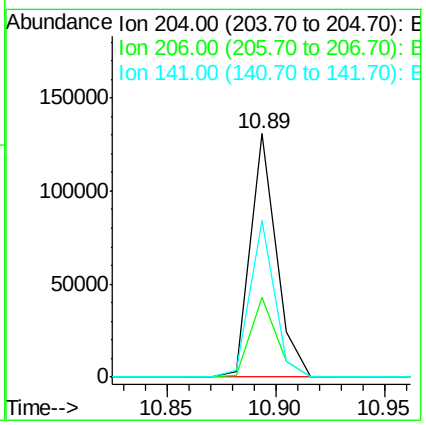


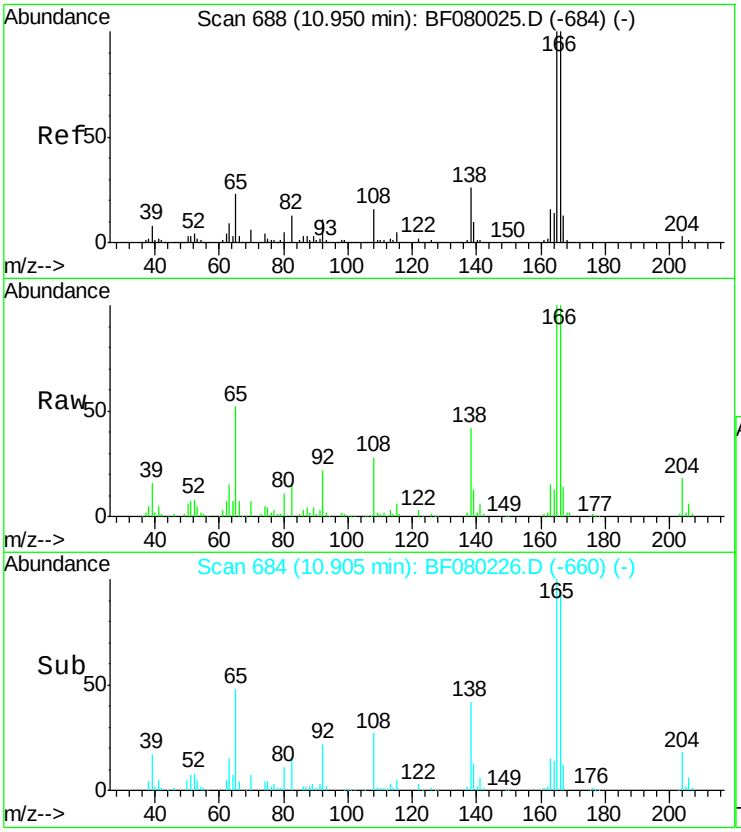


#60
4-Chlorophenyl-phenylether
Concen: 52.63 ng
RT: 10.89 min Scan# 683
Delta R.T. -0.03 min
Lab File: BF080226.D
Acq: 30 Jun 2015 2:44

Tgt Ion:204 Resp: 108477

Ion	Ratio	Lower	Upper
204	100		
206	32.9	24.8	37.2
141	64.4	42.2	63.4#



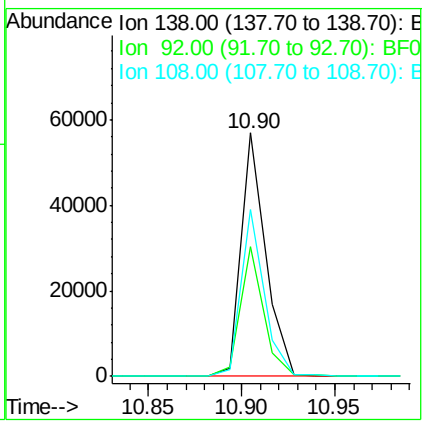


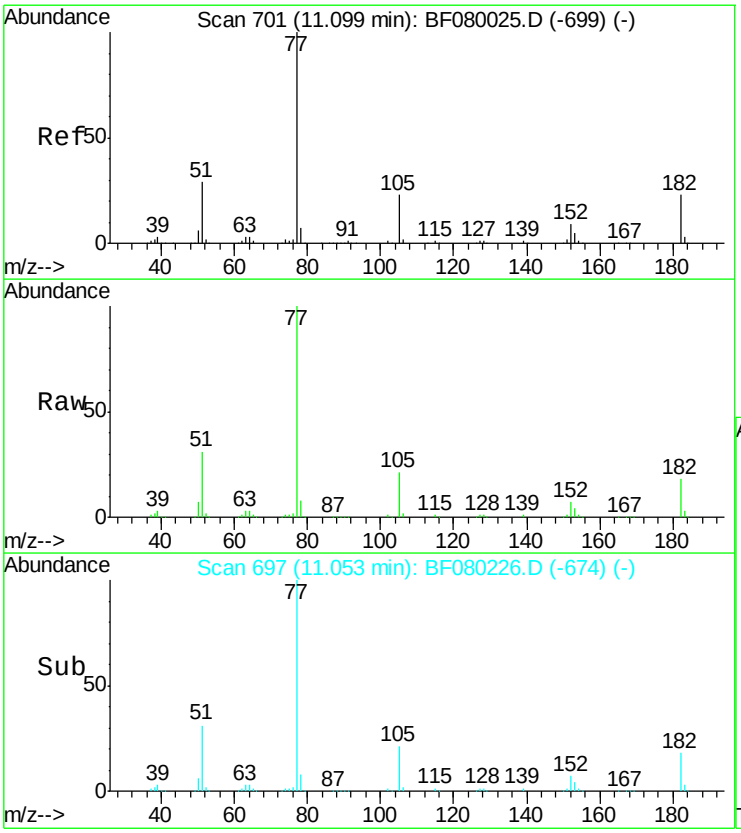
#61
4-Nitroaniline
Concen: 51.57 ng
RT: 10.90 min Scan# 684
Delta R.T. -0.02 min
Lab File: BF080226.D
Acq: 30 Jun 2015 2:44

Instrument :
BNA_F
ClientSampleId :
SOILMS

Tgt Ion:138 Resp: 52340

Ion	Ratio	Lower	Upper
138	100		
92	53.5	12.6	52.6#
108	68.3	12.4	52.4#

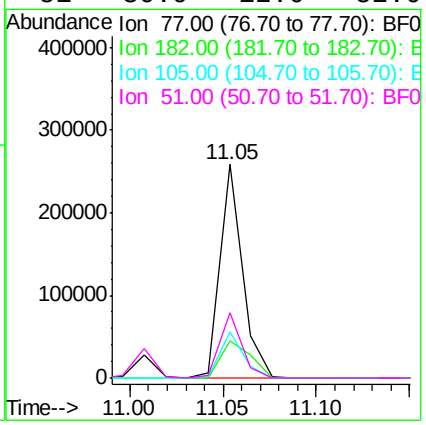


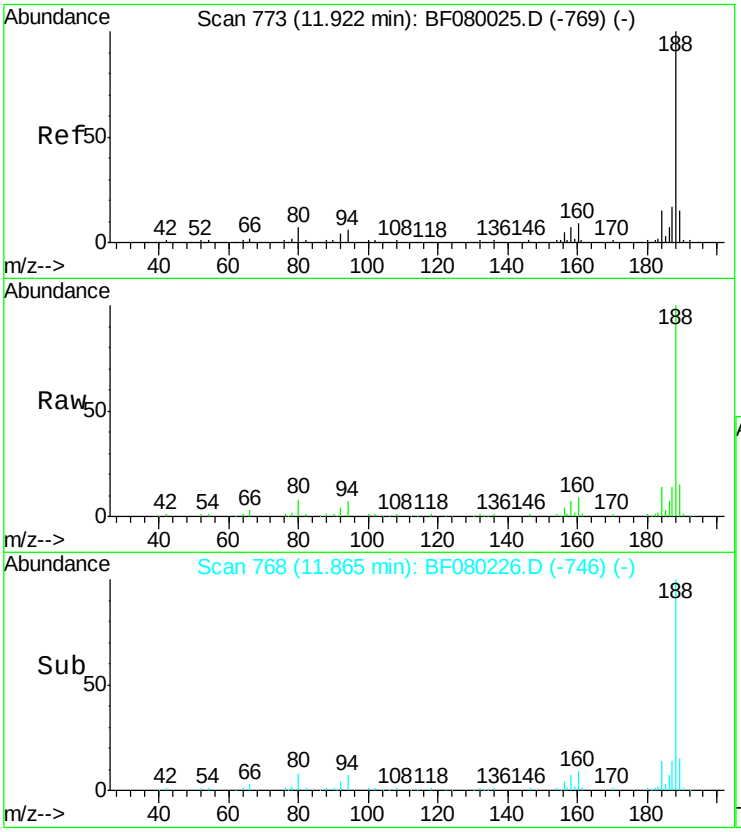


#62
Azobenzene
Concen: 50.02 ng
RT: 11.05 min Scan# 697
Delta R.T. -0.03 min
Lab File: BF080226.D
Acq: 30 Jun 2015 2:44

Tgt Ion: 77 Resp: 217836

Ion	Ratio	Lower	Upper
77	100		
182	17.5	15.1	55.1
105	21.3	3.4	43.4
51	30.9	12.0	52.0



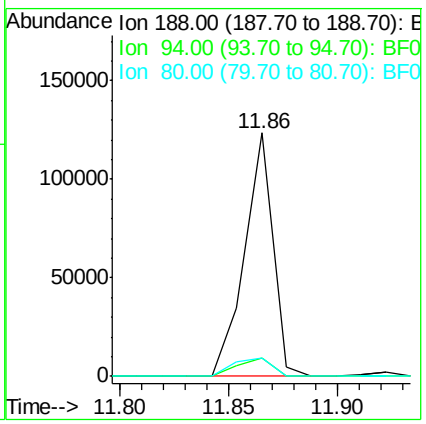


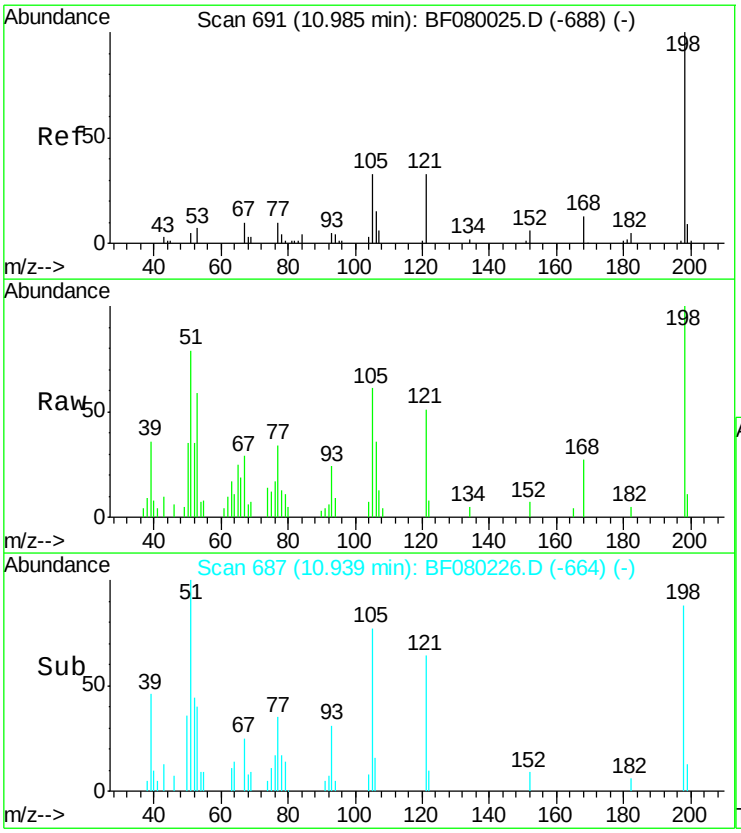
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.86 min Scan# 768
Delta R.T. -0.05 min
Lab File: BF080226.D
Acq: 30 Jun 2015 2:44

Instrument :
BNA_F
ClientSampleId :
SOILMS

Tgt Ion:188 Resp: 112114

Ion	Ratio	Lower	Upper
188	100		
94	7.4	11.1	16.7#
80	7.7	11.0	16.4#

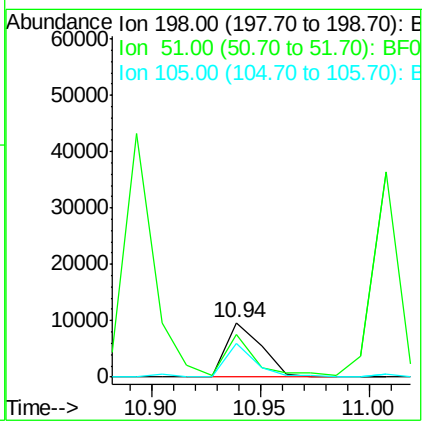


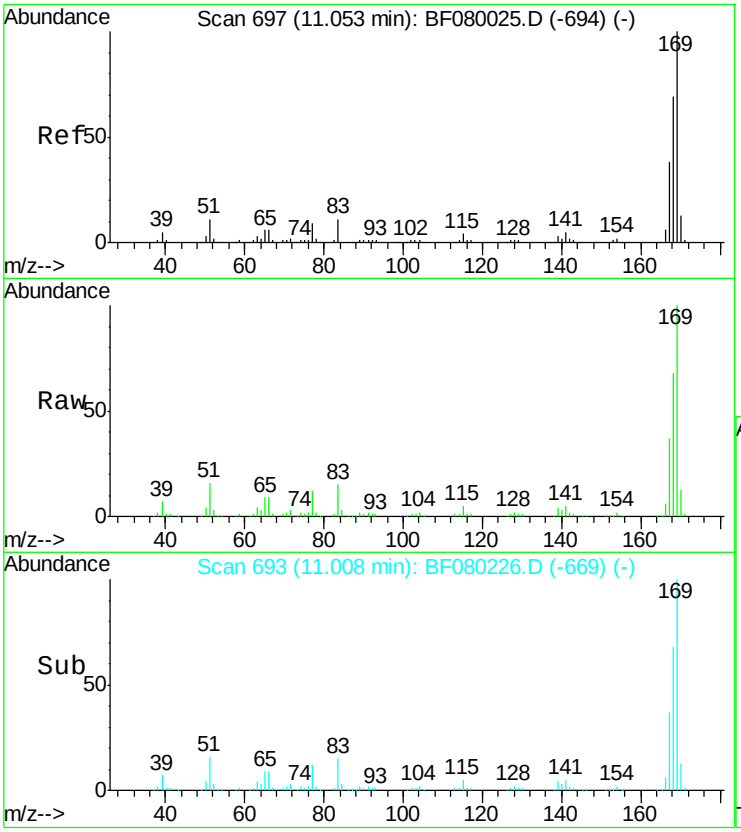


#64
4,6-Dinitro-2-methylphenol
Concen: 24.36 ng
RT: 10.94 min Scan# 687
Delta R.T. -0.03 min
Lab File: BF080226.D
Acq: 30 Jun 2015 2:44

Tgt Ion:198 Resp: 10820

Ion	Ratio	Lower	Upper
198	100		
51	79.3	39.6	79.6
105	61.4	28.5	68.5



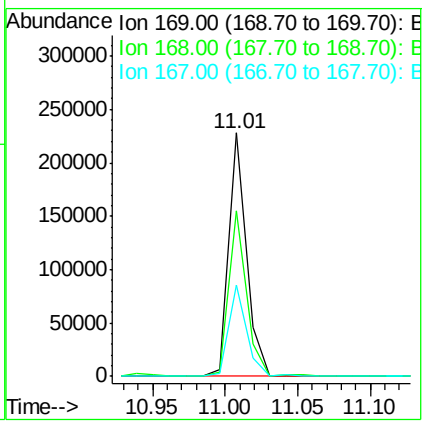


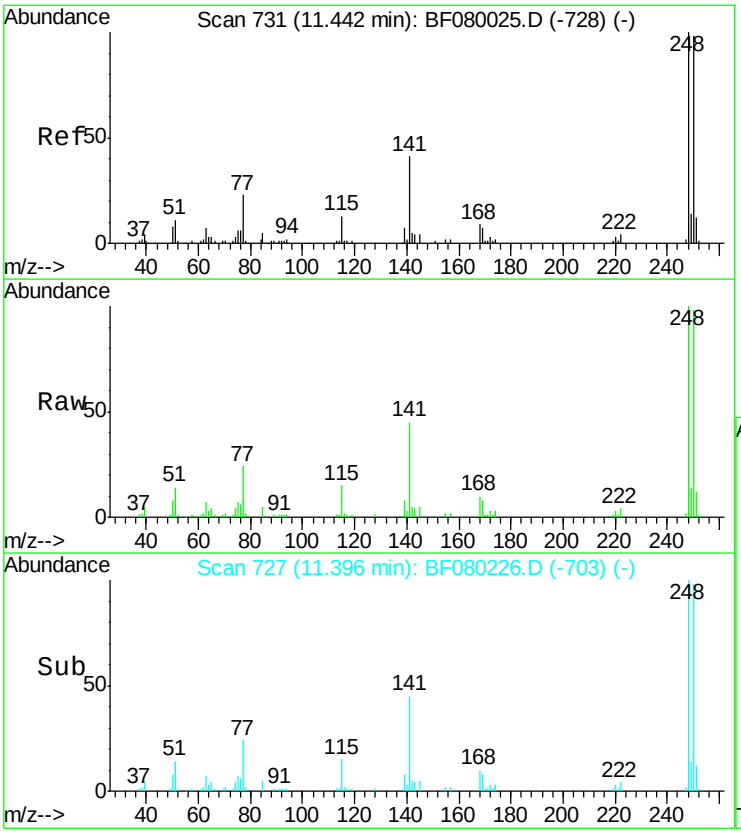
#65
n-Nitrosodiphenylamine
Concen: 52.92 ng
RT: 11.01 min Scan# 693
Delta R.T. -0.02 min
Lab File: BF080226.D
Acq: 30 Jun 2015 2:44

Instrument :
BNA_F
ClientSampleId :
SOILMS

Tgt Ion:169 Resp: 193205

Ion	Ratio	Lower	Upper
169	100		
168	68.2	48.9	73.3
167	37.2	26.2	39.4

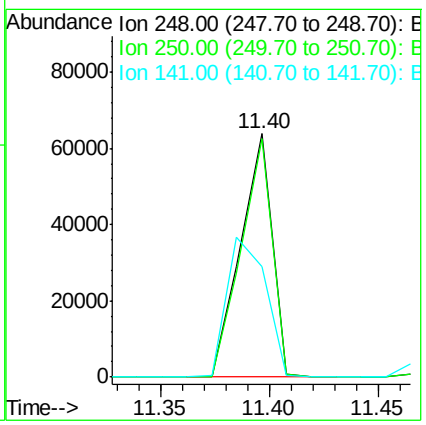


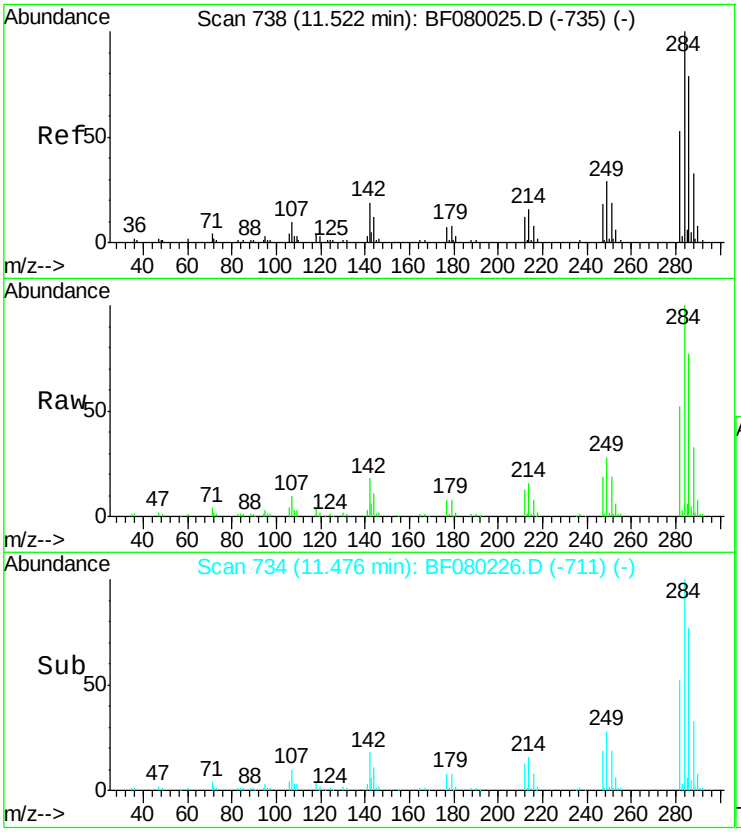


#66
4-Bromophenyl-phenylether
Concen: 53.87 ng
RT: 11.40 min Scan# 727
Delta R.T. -0.02 min
Lab File: BF080226.D
Acq: 30 Jun 2015 2:44

Tgt Ion:248 Resp: 64217

Ion	Ratio	Lower	Upper
248	100		
250	97.7	78.5	117.7
141	45.5	59.0	88.6#



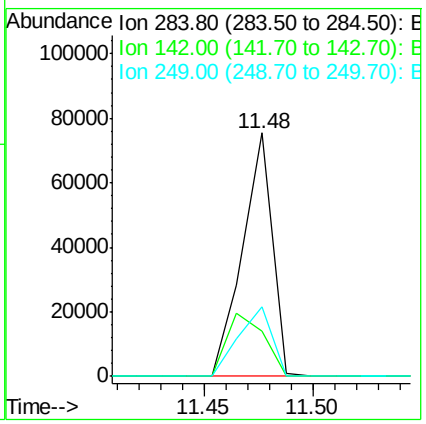


#67
Hexachlorobenzene
Concen: 54.15 ng
RT: 11.48 min Scan# 734
Delta R.T. -0.03 min
Lab File: BF080226.D
Acq: 30 Jun 2015 2:44

Instrument :
BNA_F
ClientSampleId :
SOILMS

Tgt Ion:284 Resp: 71737

Ion	Ratio	Lower	Upper
284	100		
142	18.4	29.5	44.3#
249	28.3	19.5	29.3



Ref

#68
Atrazine
Concen: 54.83 ng
RT: 11.53 min Scan# 739
Delta R.T. -0.03 min
Lab File: BF080226.D
Acq: 30 Jun 2015 2:44

Tgt Ion:200 Resp: 63247

Ion	Ratio	Lower	Upper
200	100		
173	24.7	13.2	53.2
215	47.1	41.8	81.8

Raw

Sub