Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082517\
Data File : BF098049.D
Acq On : 26 Aug 2017 00:03
Operator : SJ/JU
Sample : I4938-01MS
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : IRON-LEAF-TOPSOILMS

Quant Time: Aug 26 00:29:45 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 21 15:59:04 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	101393	20.00	ng		-0.01
21) Naphthalene-d8	8.03	136	358889	20.00	ng		0.00
38) Acenaphthene-d10	9.77	164	134922	20.00	ng		-0.01
63) Phenanthrene-d10	11.26	188	266110	20.00	ng		0.00
75) Chrysene-d12	13.90	240	181281	20.00	ng		0.00
86) Perylene-d12	15.33	264	128965	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.35	112	749929	112.50	ng		0.00
7) Phenol-d6	6.39	99	988626	109.16	ng		0.00
23) Nitrobenzene-d5	7.31	82	588140	89.03	ng		-0.01
41) 2,4,6-Tribromophenol	10.56	330	138021	117.90	ng		-0.01
44) 2-Fluorobiphenyl	9.10	172	768809	83.72	ng		0.00
78) Terphenyl-d14	12.84	244	671377	77.23	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.40	88	132599	35.67	ng		89
3) Pyridine	3.11	79	391771	38.12	ng		88
4) n-Nitrosodimethylamine	3.07	42	164268	41.54	ng		79
6) Aniline	6.45	93	185444	14.58	ng		95
8) 2-Chlorophenol	6.53	128	296065	42.12	ng		95
9) Benzaldehyde	6.29	77	158571	27.64	ng		89
10) Phenol	6.40	94	438492	41.40	ng		94
11) bis(2-Chloroethyl)ether	6.48	93	368032	46.03	ng		94
12) 1,3-Dichlorobenzene	6.68	146	299998	39.67	ng	#	91
13) 1,4-Dichlorobenzene	6.76	146	302064	39.28	ng		95
14) 1,2-Dichlorobenzene	6.92	146	281159	39.65	ng		98
15) Benzyl Alcohol	6.89	79	283724	41.84	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.02	45	419090	38.96	ng		90
17) 2-Methylphenol	7.00	107	252415	40.74	ng		96
18) Hexachloroethane	7.25	117	88964	29.51	ng	#	76
19) n-Nitroso-di-n-propylamine	7.16	70	224793	36.26	ng		89
20) 3+4-Methylphenols	7.16	107	297550	39.32	ng		90
22) Acetophenone	7.16	105	412718	43.53	ng	#	90
24) Nitrobenzene	7.33	77	352639	47.94	ng		93
25) Isophorone	7.57	82	603324	43.92	ng		98
26) 2-Nitrophenol	7.65	139	112878	42.97	ng	#	84
27) 2,4-Dimethylphenol	7.69	122	244206	42.63	ng		95
28) bis(2-Chloroethoxy)methane	7.78	93	382215	42.32	ng		99
29) 2,4-Dichlorophenol	7.89	162	199963	42.05	ng		93
30) 1,2,4-Trichlorobenzene	7.97	180	214571	40.70	ng		100
31) Naphthalene	8.05	128	766670	41.15	ng		99
32) Benzoic acid	7.80	122	146454	36.81	ng		90
33) 4-Chloroaniline	8.11	127	230968	29.39	ng		99
34) Hexachlorobutadiene	8.16	225	125259	40.69	ng		97
35) Caprolactam	8.46	113	68494	42.37	ng		98
36) 4-Chloro-3-methylphenol	8.58	107	225258	36.87	ng	#	79
37) 2-Methylnaphthalene	8.74	142	462271	40.47	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.90	216	186777	45.11	ng		99
40) Hexachlorocyclopentadiene	8.89	237	15689	7.89	ng		95

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082517\
Data File : BF098049.D
Acq On : 26 Aug 2017 00:03
Operator : SJ/JU
Sample : I4938-01MS
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : IRON-LEAF-TOPSOILMS

Quant Time: Aug 26 00:29:45 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 21 15:59:04 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.02	196	124477	44.78	ng		98
43) 2,4,5-Trichlorophenol	9.06	196	126960	46.03	ng		96
45) 1,1'-Biphenyl	9.20	154	525891	42.74	ng		97
46) 2-Chloronaphthalene	9.23	162	383617	42.20	ng		93
47) 2-Nitroaniline	9.32	65	162222	53.23	ng		94
48) Acenaphthylene	9.64	152	663199	46.46	ng		99
49) Dimethylphthalate	9.50	163	527601	53.50	ng		99
50) 2,6-Dinitrotoluene	9.56	165	83425	42.38	ng	#	51
51) Acenaphthene	9.81	154	361587	40.16	ng		99
52) 3-Nitroaniline	9.73	138	108343	42.66	ng		92
53) 2,4-Dinitrophenol	9.84	184	4741	14.56	ng	#	80
54) Dibenzofuran	9.98	168	542589	44.97	ng		99
55) 4-Nitrophenol	9.90	139	162399	80.15	ng	#	38
56) 2,4-Dinitrotoluene	9.97	165	102438	41.46	ng	#	65
57) Fluorene	10.33	166	411588	44.12	ng		96
58) 2,3,4,6-Tetrachlorophenol	10.10	232	104140	48.77	ng		94
59) Diethylphthalate	10.20	149	450004	43.63	ng		98
60) 4-Chlorophenyl-phenylether	10.32	204	184351	42.53	ng		92
61) 4-Nitroaniline	10.35	138	116166	48.12	ng		80
62) Azobenzene	10.47	77	524961	42.85	ng		93
64) 4,6-Dinitro-2-methylphenol	10.37	198	4196	11.09	ng	#	82
65) n-Nitrosodiphenylamine	10.43	169	357536	39.46	ng		99
66) 4-Bromophenyl-phenylether	10.80	248	112689	40.78	ng		95
67) Hexachlorobenzene	10.87	284	110594	39.26	ng	#	80
68) Atrazine	10.96	200	98100	40.82	ng		97
69) Pentachlorophenol	11.07	266	126897	77.27	ng		98
70) Phenanthrene	11.29	178	713865	50.34	ng		100
71) Anthracene	11.33	178	680838	47.34	ng		99
72) Carbazole	11.49	167	596964	43.73	ng		98
73) Di-n-butylphthalate	11.83	149	691334	43.96	ng		99
74) Fluoranthene	12.47	202	1046601	70.71	ng		100
76) Benzidine	12.59	184	36924	6.21	ng	#	94
77) Pyrene	12.70	202	1061658	71.60	ng		99
79) Butylbenzylphthalate	13.32	149	299623	52.71	ng	#	70
80) Benzo(a)anthracene	13.89	228	626496	57.66	ng		97
81) 3,3'-Dichlorobenzidine	13.85	252	108500	29.59	ng	#	96
82) Chrysene	13.93	228	615889	56.98	ng		98
83) Bis(2-ethylhexyl)phthalate	13.89	149	337905	53.64	ng	#	100
84) Di-n-octyl phthalate	14.50	149	544172	49.65	ng	#	99
85) Indeno(1,2,3-cd)pyrene	16.73	276	417291	52.48	ng		93
87) Benzo(b)fluoranthene	14.92	252	513648	63.19	ng		97
88) Benzo(k)fluoranthene	14.92	252	513648	67.26	ng		96
89) Benzo(a)pyrene	15.27	252	453301	62.99	ng		99
90) Dibenzo(a,h)anthracene	16.74	278	290257	49.54	ng		99
91) Benzo(g,h,i)perylene	17.15	276	361550	59.14	ng		92

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

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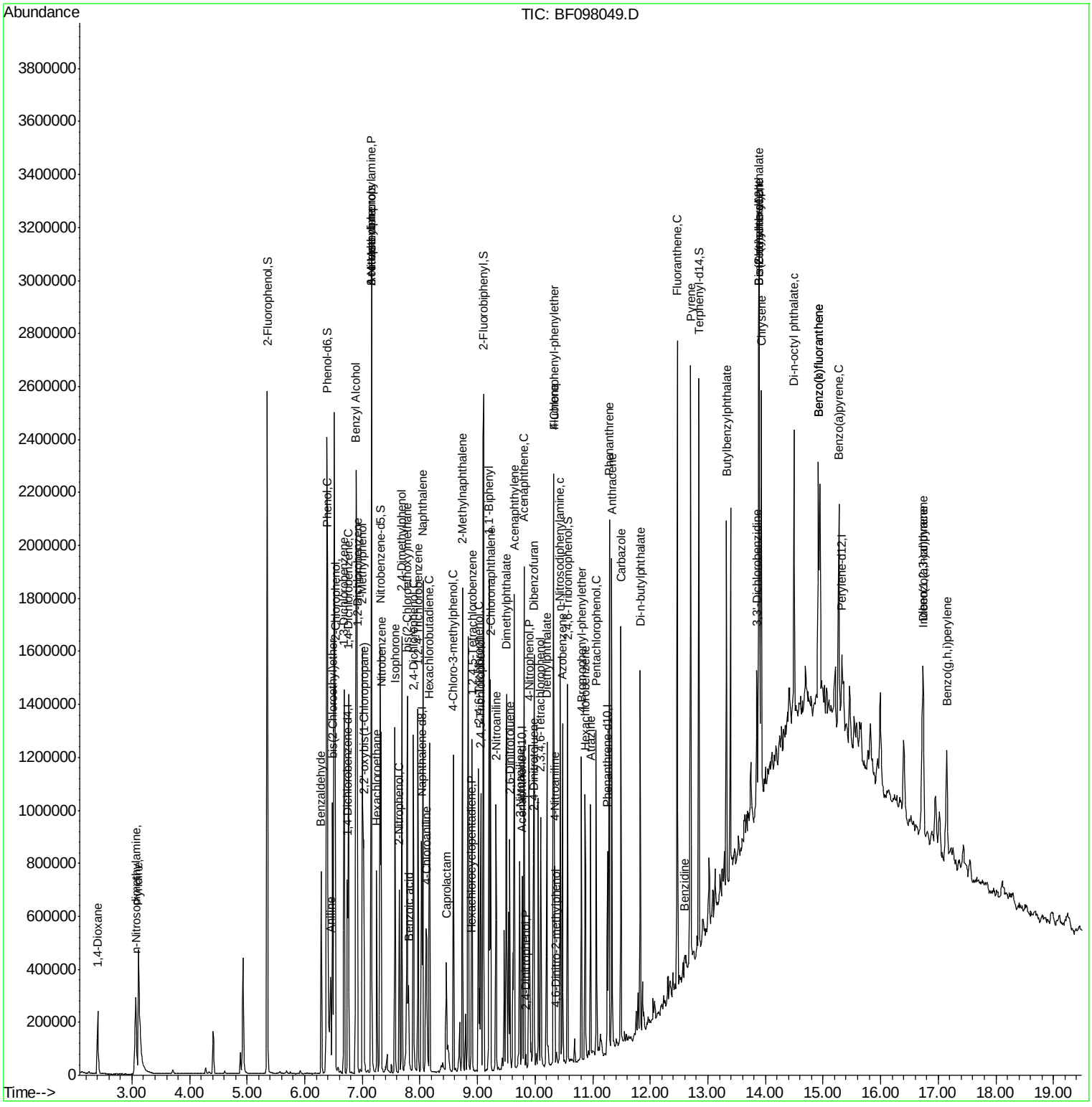
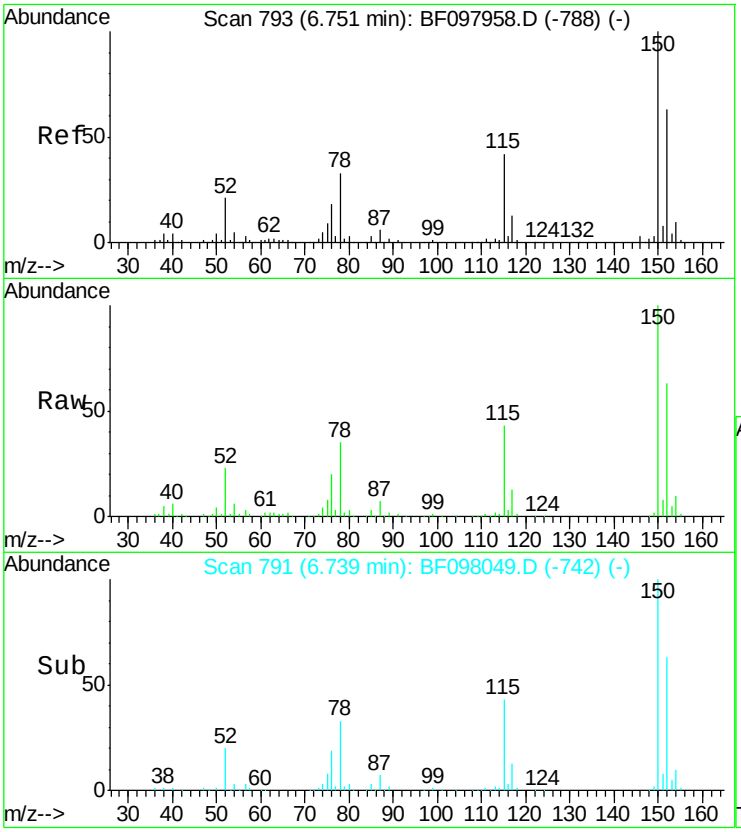
Data Path : Z:\HPCHEM1\BNA F\DATA\BF082517\
Data File : BF098049.D
Acq On : 26 Aug 2017 00:03
Operator : SJ/JU
Sample : I4938-01MS
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
IRON-LEAF-TOPSOILMS

Quant Time: Aug 26 00:29:45 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 21 15:59:04 2017
Response via : Initial Calibration



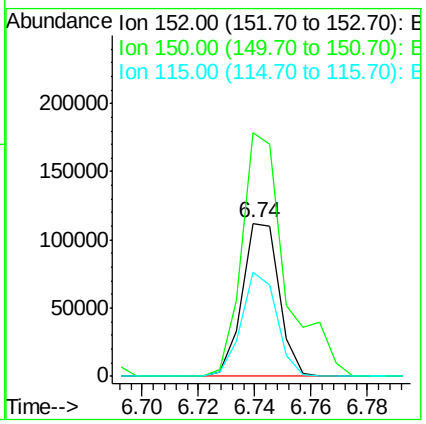


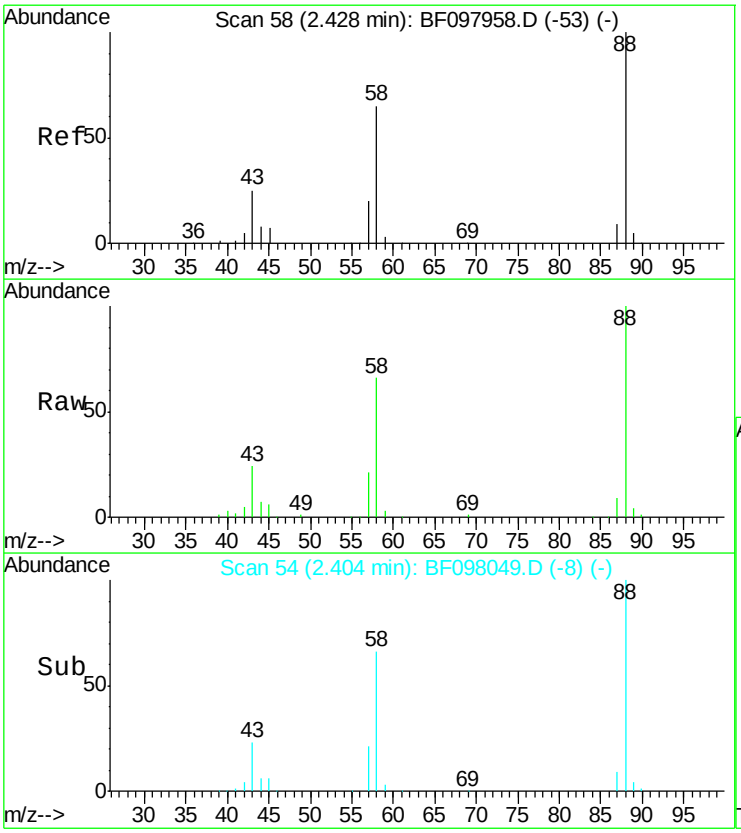
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.74 min Scan# 791
Delta R.T. -0.01 min
Lab File: BF098049.D
Acq: 26 Aug 2017 00:03

Instrument :
BNA_F
ClientSampleId :
IRON-LEAF-TOPSOILMS

Tgt Ion:152 Resp: 101393

Ion	Ratio	Lower	Upper
152	100		
150	159.3	126.2	189.2
115	68.2	52.2	78.2

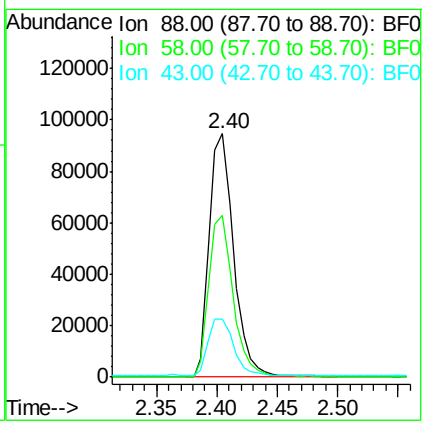


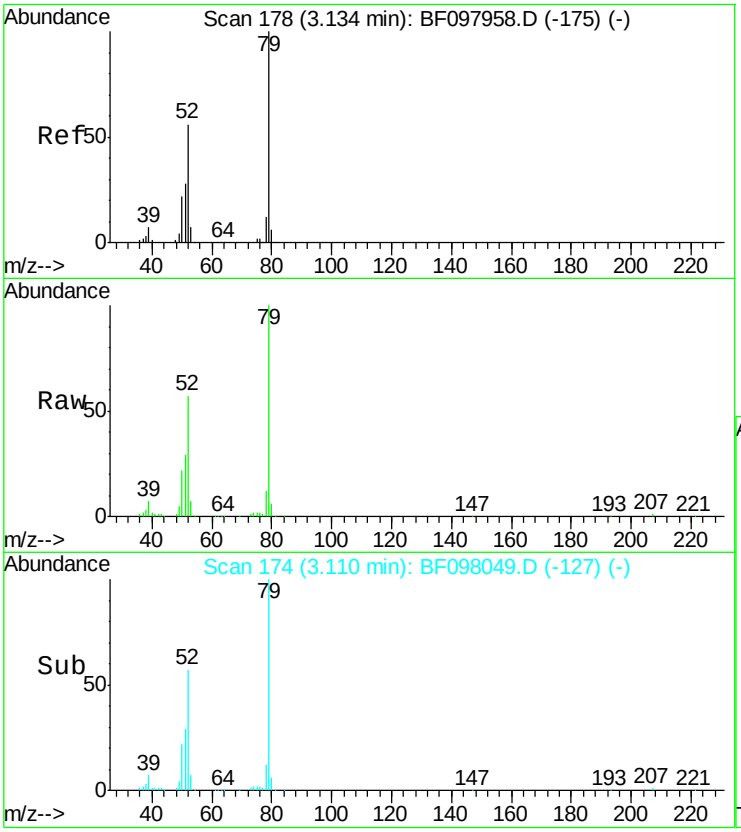


#2
1,4-Dioxane
Concen: 35.67 ng
RT: 2.40 min Scan# 54
Delta R.T. -0.03 min
Lab File: BF098049.D
Acq: 26 Aug 2017 00:03

Tgt Ion: 88 Resp: 132599

Ion	Ratio	Lower	Upper
88	100		
58	66.3	61.4	92.0
43	25.1	23.4	35.0



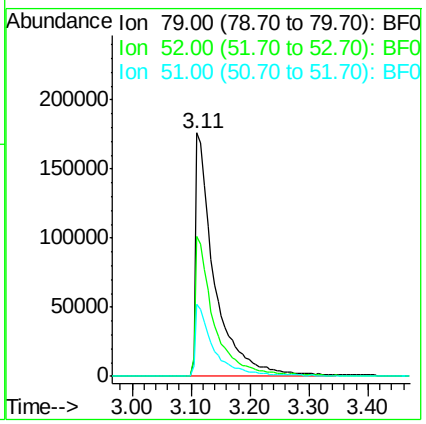


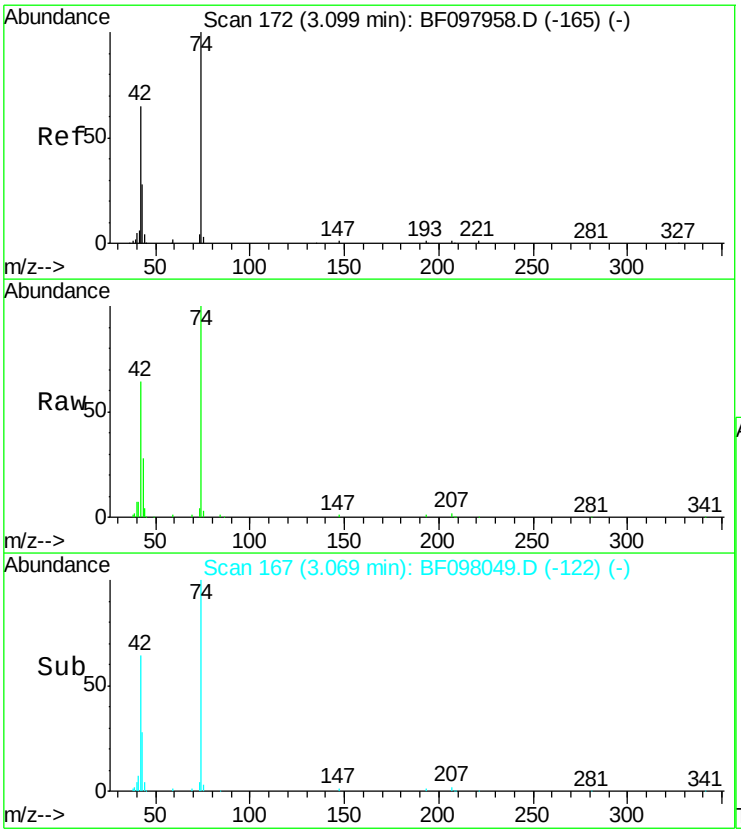
#3
Pyridine
Concen: 38.12 ng
RT: 3.11 min Scan# 174
Delta R.T. -0.02 min
Lab File: BF098049.D
Acq: 26 Aug 2017 00:03

Instrument :
BNA_F
ClientSampleId :
IRON-LEAF-TOPSOILMS

Tgt Ion: 79 Resp: 391771

Ion	Ratio	Lower	Upper
79	100		
52	57.4	54.8	82.2
51	29.4	27.0	40.4

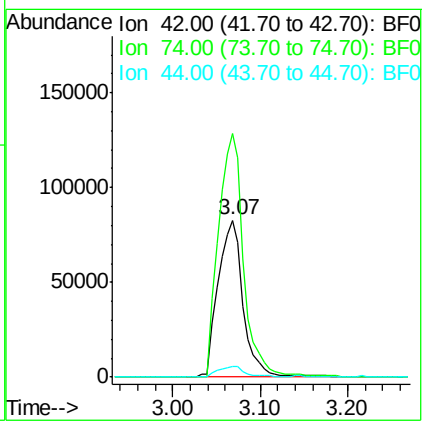


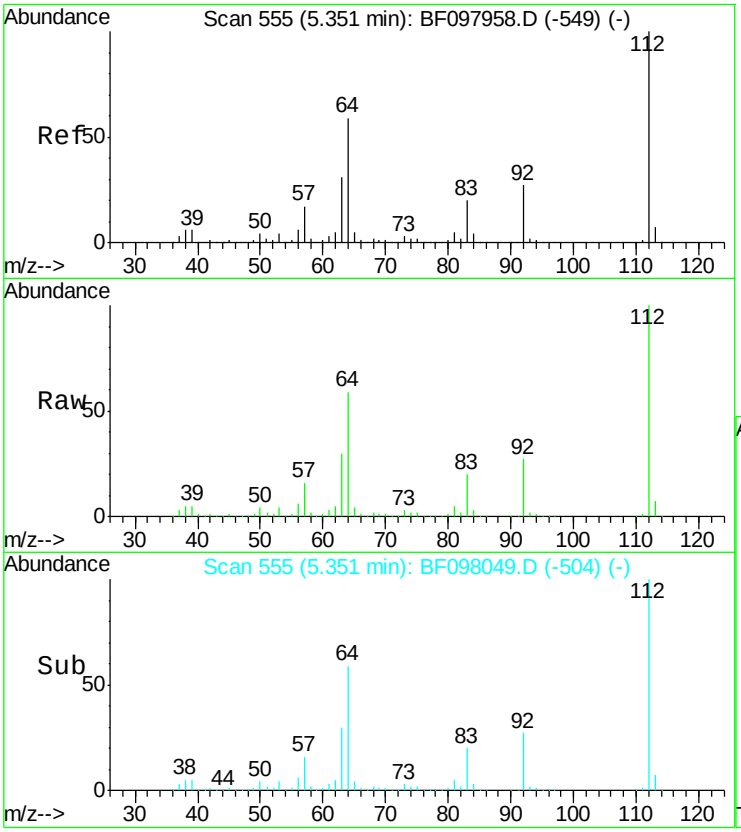


#4
n-Nitrosodimethylamine
Concen: 41.54 ng
RT: 3.07 min Scan# 167
Delta R.T. -0.04 min
Lab File: BF098049.D
Acq: 26 Aug 2017 00:03

Tgt Ion: 42 Resp: 164268

Ion	Ratio	Lower	Upper
42	100		
74	155.3	103.9	155.9
44	6.7	5.7	8.5



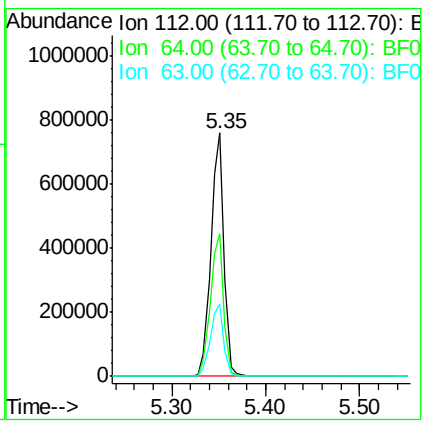


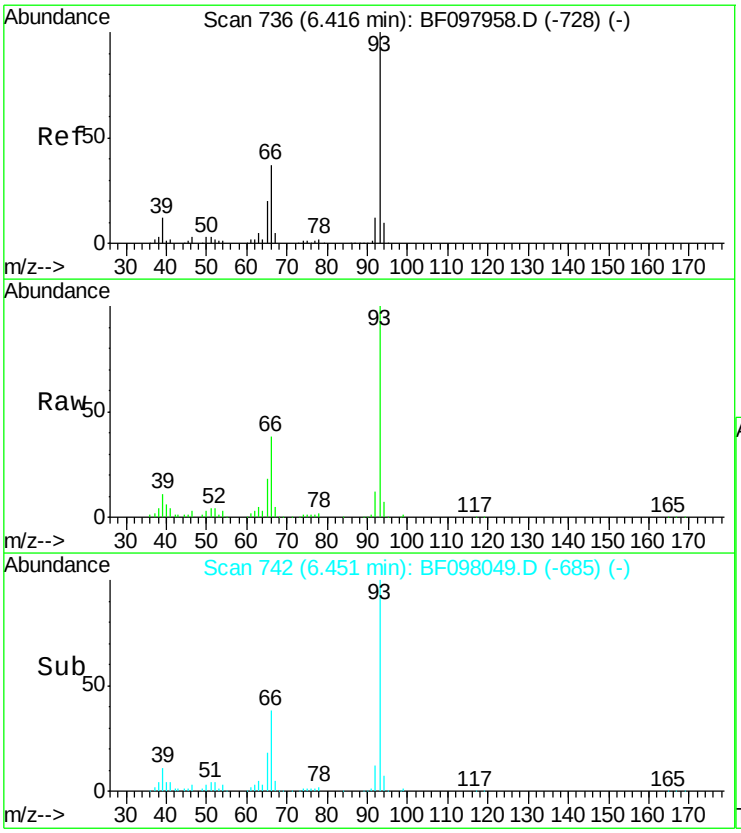
#5
2-Fluorophenol
Concen: 112.50 ng
RT: 5.35 min Scan# 555
Delta R.T. -0.00 min
Lab File: BF098049.D
Acq: 26 Aug 2017 00:03

Instrument :
BNA_F
ClientSampleId :
IRON-LEAF-TOPSOILMS

Tgt Ion:112 Resp: 749929

Ion	Ratio	Lower	Upper
112	100		
64	58.6	46.0	69.0
63	29.7	23.4	35.0

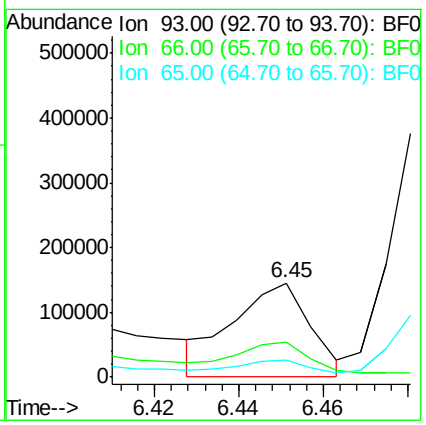


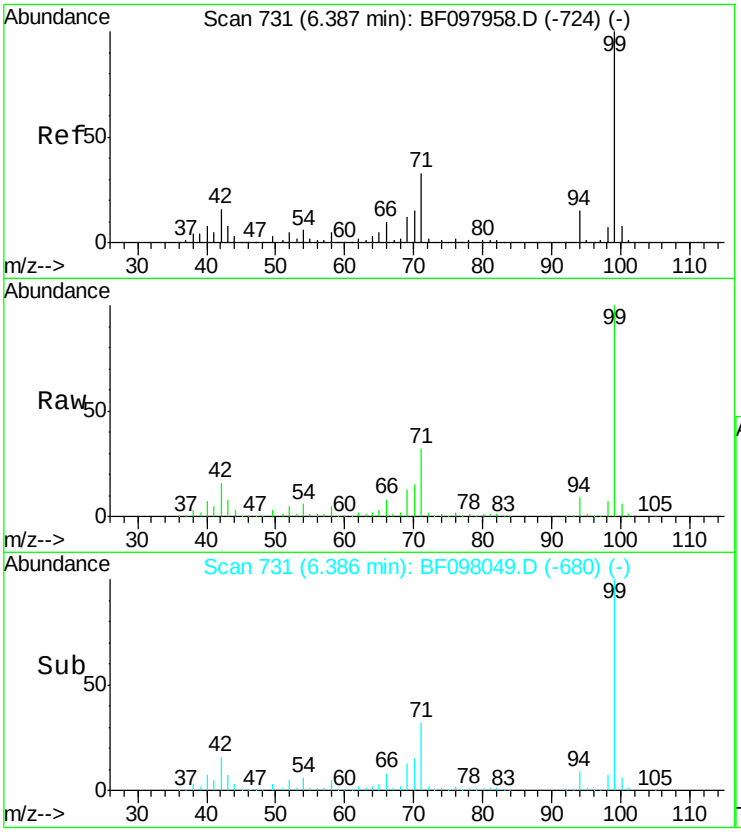


#6
Aniline
Concen: 14.58 ng
RT: 6.45 min Scan# 742
Delta R.T. 0.04 min
Lab File: BF098049.D
Acq: 26 Aug 2017 00:03

Tgt Ion: 93 Resp: 185444

Ion	Ratio	Lower	Upper
93	100		
66	37.6	32.9	49.3
65	18.1	16.0	24.0



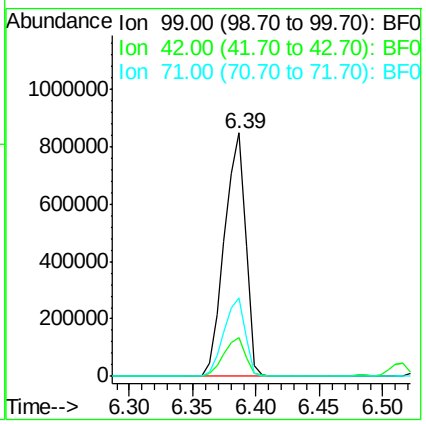


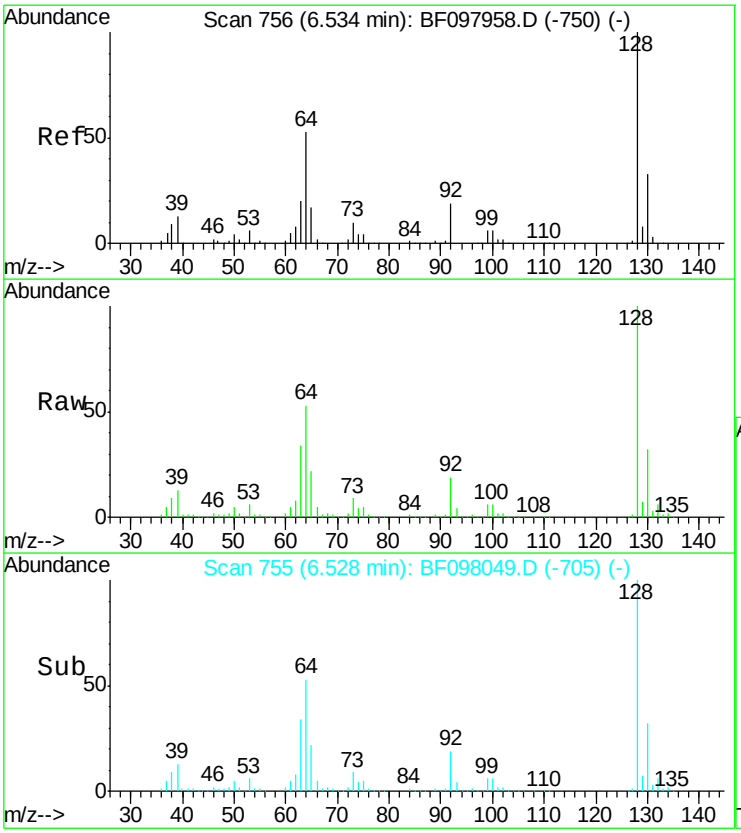
#7
Phenol-d6
Concen: 109.16 ng
RT: 6.39 min Scan# 731
Delta R.T. -0.00 min
Lab File: BF098049.D
Acq: 26 Aug 2017 00:03

Instrument :
BNA_F
ClientSampleId :
IRON-LEAF-TOPSOILMS

Tgt Ion: 99 Resp: 988626

Ion	Ratio	Lower	Upper
99	100		
42	15.7	13.5	20.3
71	32.2	24.5	36.7

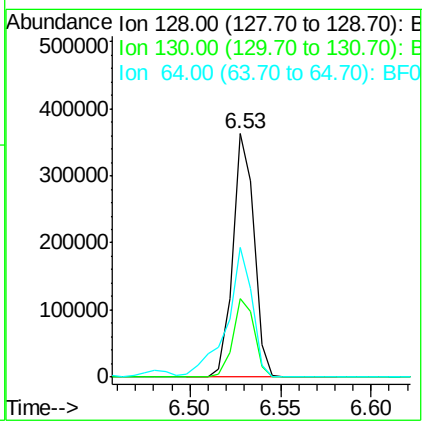


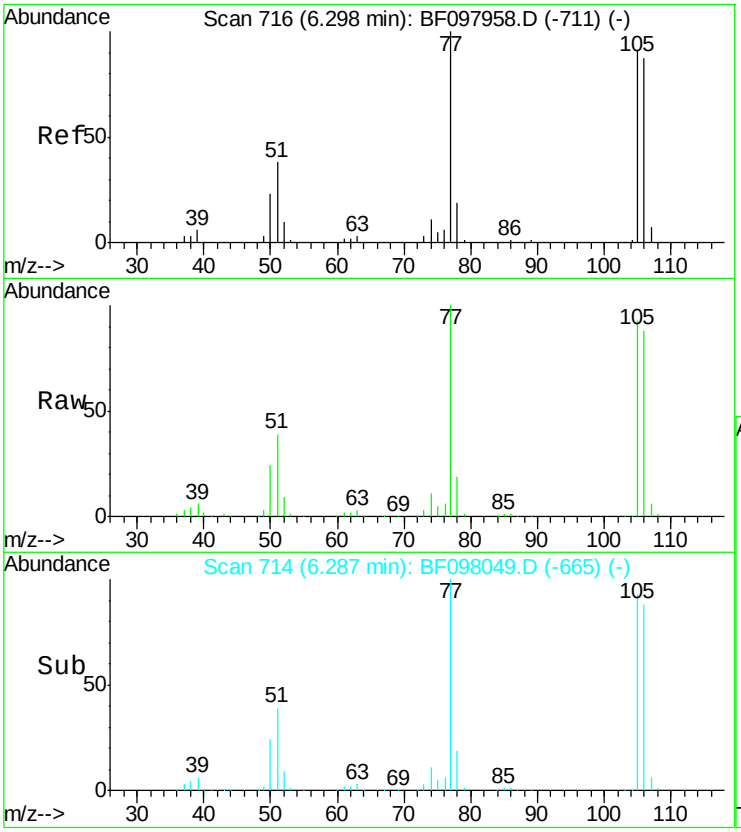


#8
2-Chlorophenol
Concen: 42.12 ng
RT: 6.53 min Scan# 755
Delta R.T. -0.01 min
Lab File: BF098049.D
Acq: 26 Aug 2017 00:03

Tgt Ion:128 Resp: 296065

Ion	Ratio	Lower	Upper
128	100		
130	32.1	12.9	52.9
64	53.4	28.4	68.4



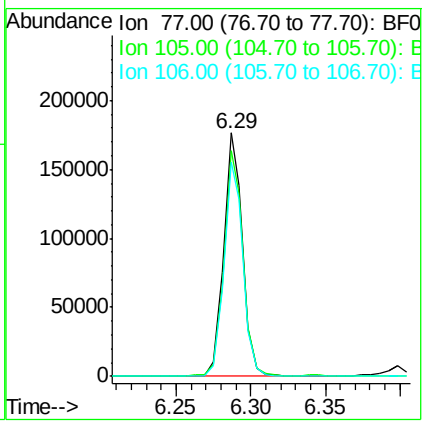


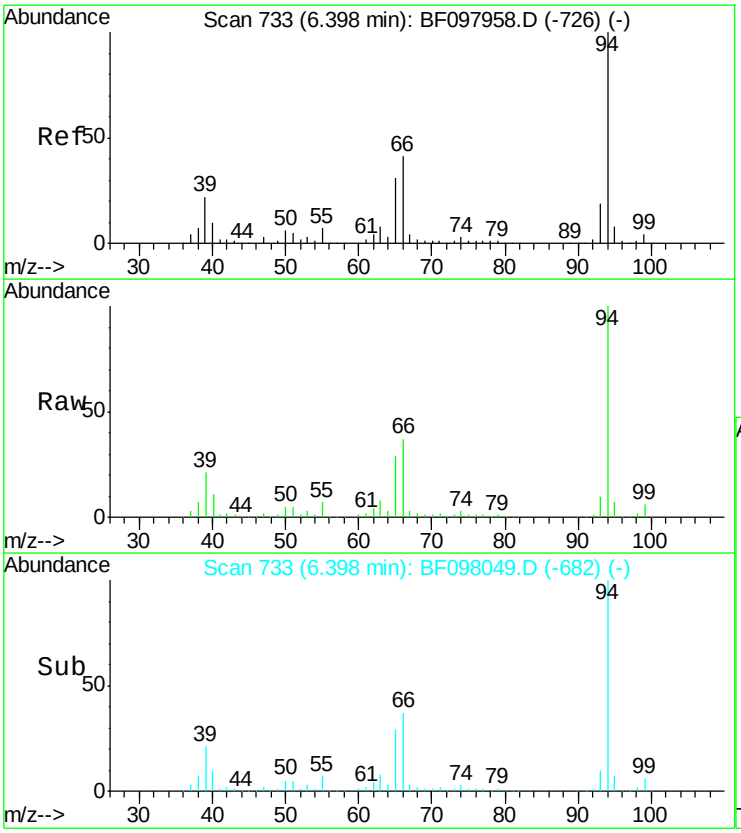
#9
Benzaldehyde
Concen: 27.64 ng
RT: 6.29 min Scan# 714
Delta R.T. -0.01 min
Lab File: BF098049.D
Acq: 26 Aug 2017 00:03

Instrument :
BNA_F
ClientSampleId :
IRON-LEAF-TOPSOILMS

Tgt Ion: 77 Resp: 158571

Ion	Ratio	Lower	Upper
77	100		
105	92.5	83.8	123.8
106	88.0	79.1	119.1

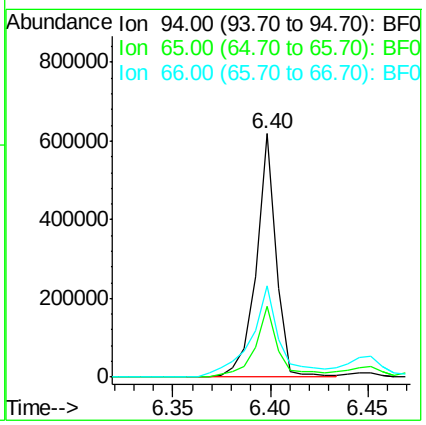


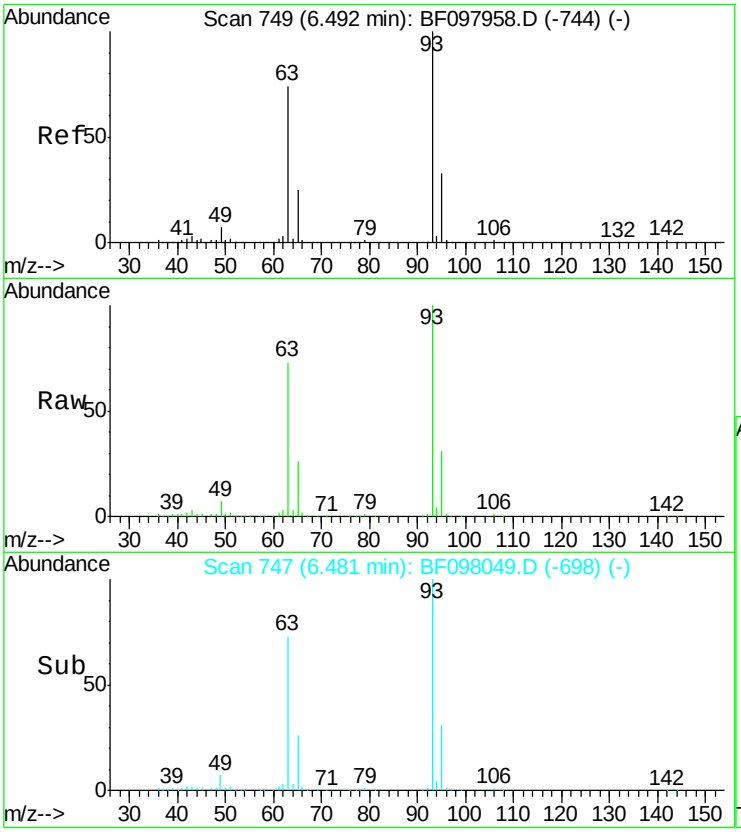


#10
Phenol
Concen: 41.40 ng
RT: 6.40 min Scan# 733
Delta R.T. -0.00 min
Lab File: BF098049.D
Acq: 26 Aug 2017 00:03

Tgt Ion: 94 Resp: 438492

Ion	Ratio	Lower	Upper
94	100		
65	29.0	9.9	49.9
66	37.5	23.1	63.1



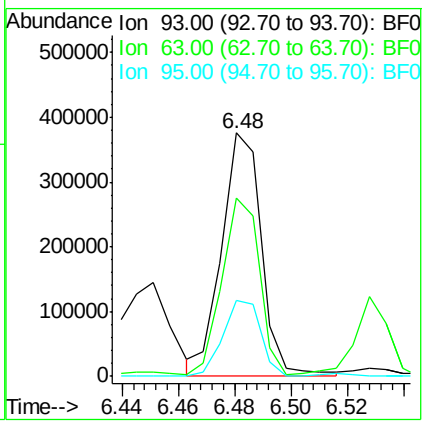


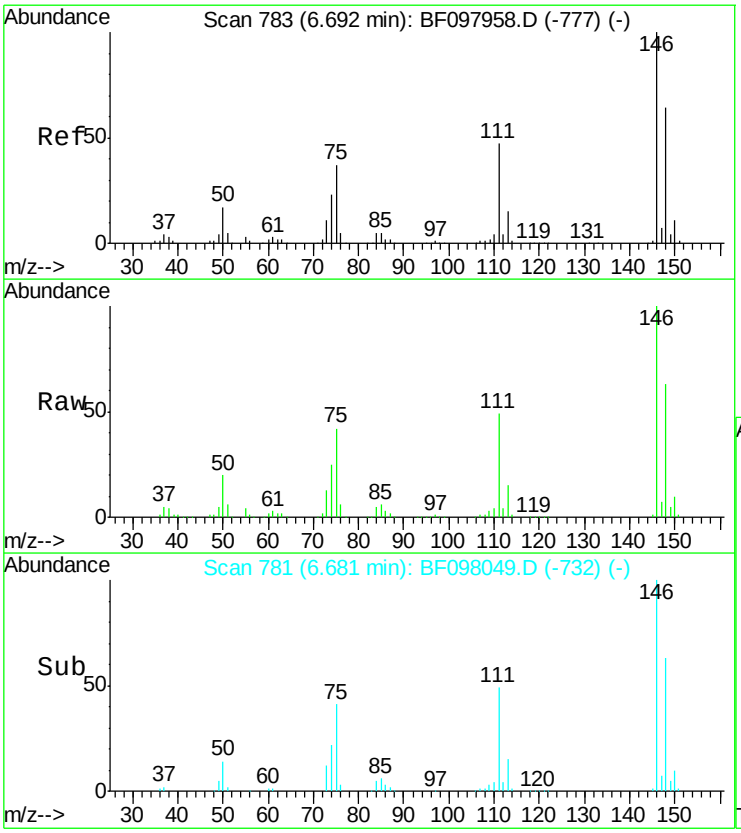
#11
bis(2-Chloroethyl)ether
Concen: 46.03 ng
RT: 6.48 min Scan# 747
Delta R.T. -0.01 min
Lab File: BF098049.D
Acq: 26 Aug 2017 00:03

Instrument :
BNA_F
ClientSampleId :
IRON-LEAF-TOPSOILMS

Tgt Ion: 93 Resp: 368032

Ion	Ratio	Lower	Upper
93	100		
63	73.1	59.2	99.2
95	31.3	12.8	52.8

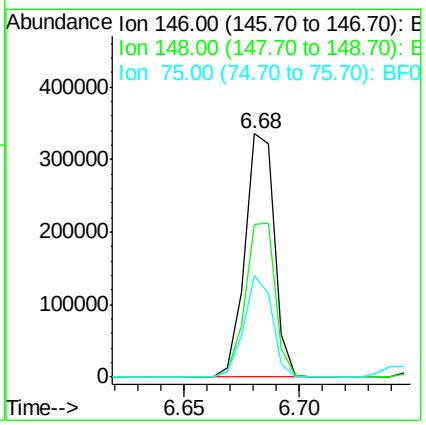


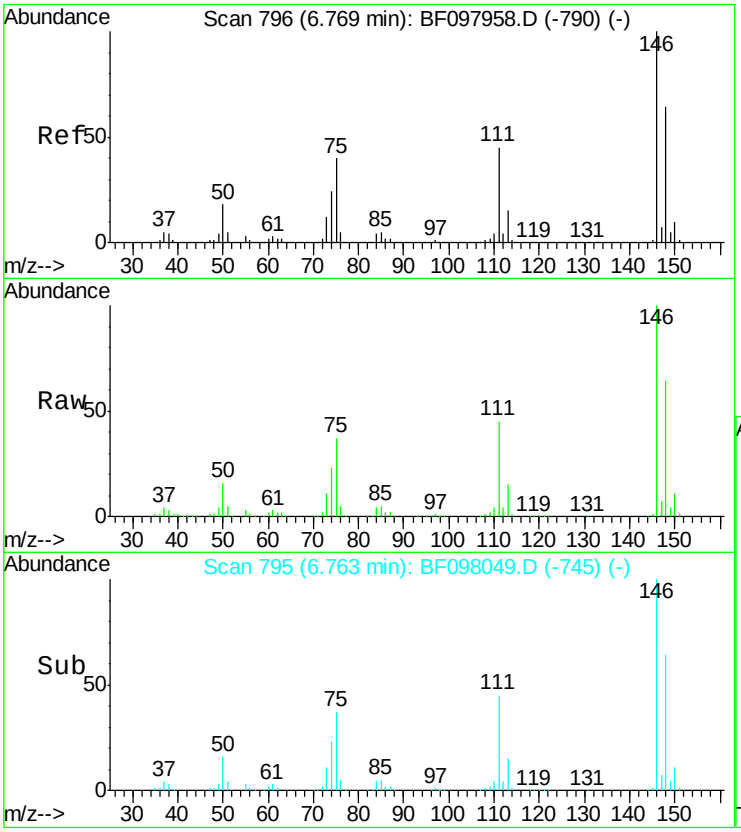


#12
1,3-Dichlorobenzene
Concen: 39.67 ng
RT: 6.68 min Scan# 781
Delta R.T. -0.01 min
Lab File: BF098049.D
Acq: 26 Aug 2017 00:03

Tgt Ion:146 Resp: 299998

Ion	Ratio	Lower	Upper
146	100		
148	63.0	51.8	77.6
75	41.6	23.1	34.7#



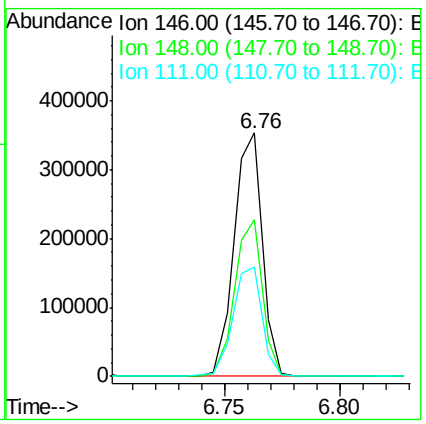


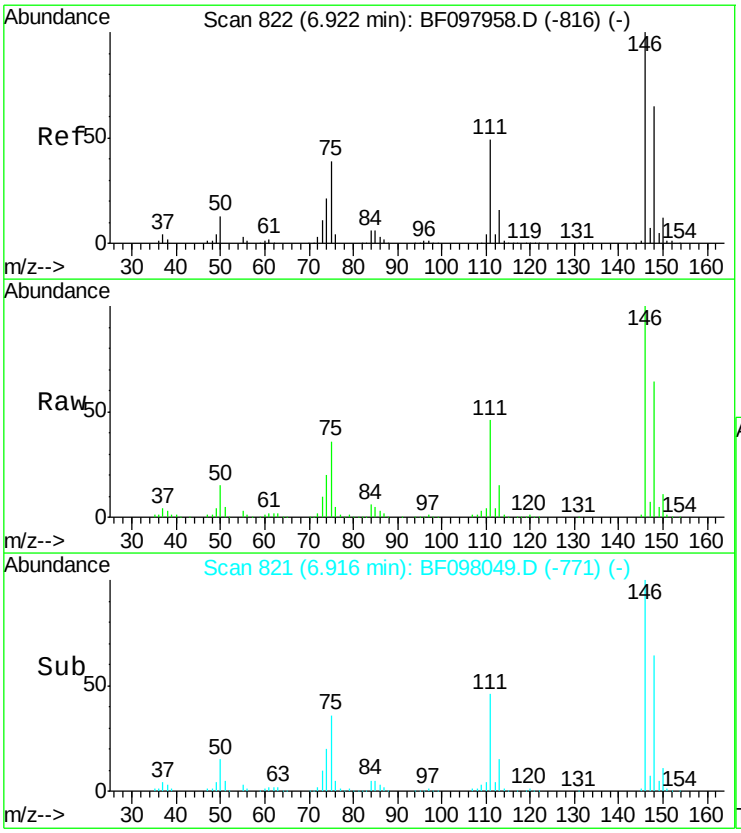
#13
1,4-Dichlorobenzene
Concen: 39.28 ng
RT: 6.76 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF098049.D
Acq: 26 Aug 2017 00:03

Instrument :
BNA_F
ClientSampleId :
IRON-LEAF-TOPSOILMS

Tgt Ion:146 Resp: 302064

Ion	Ratio	Lower	Upper
146	100		
148	64.2	52.2	78.2
111	44.8	30.3	45.5

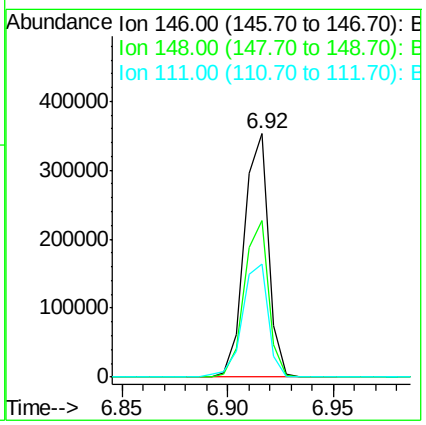


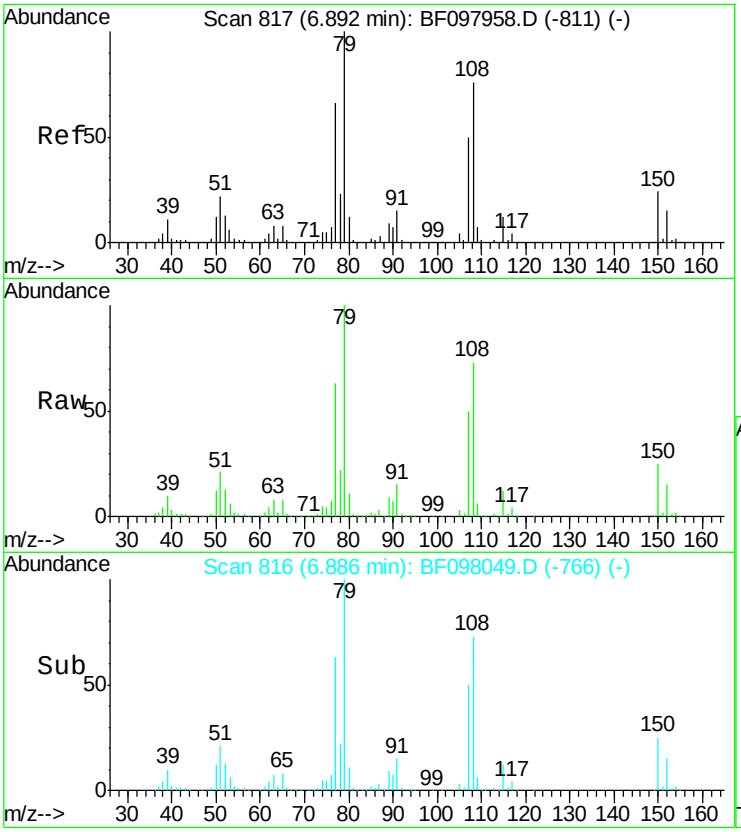


#14
1,2-Dichlorobenzene
Concen: 39.65 ng
RT: 6.92 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF098049.D
Acq: 26 Aug 2017 00:03

Tgt Ion:146 Resp: 281159

Ion	Ratio	Lower	Upper
146	100		
148	64.2	50.4	75.6
111	46.3	38.2	57.4



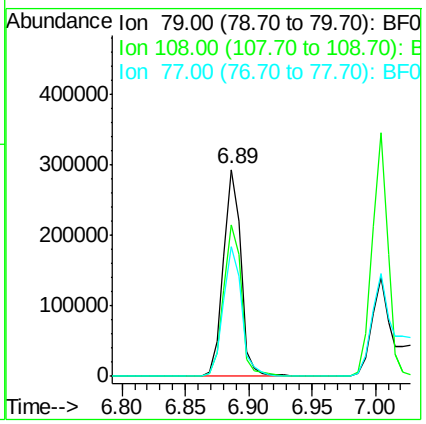


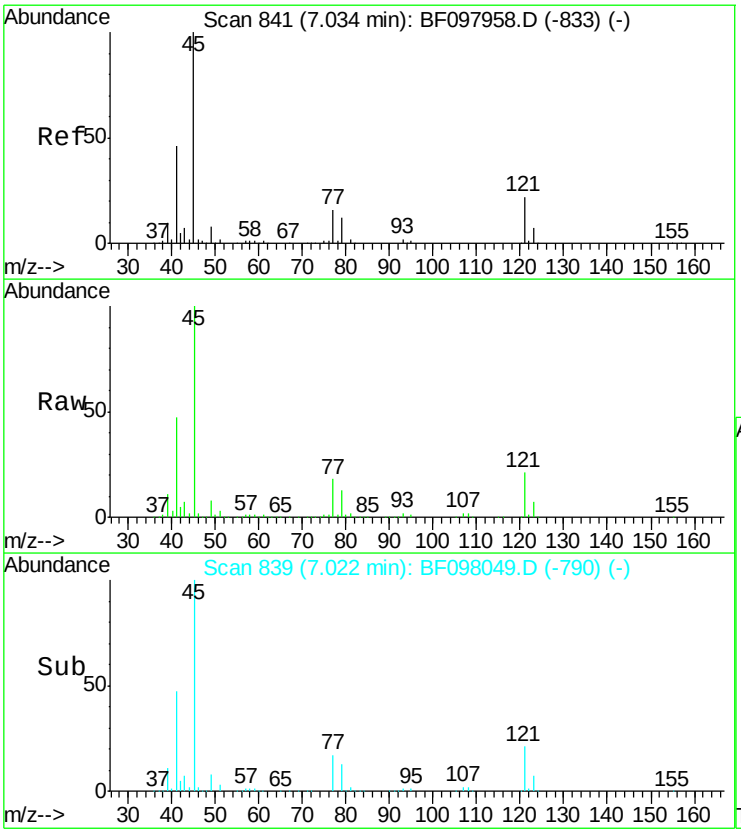
#15
Benzyl Alcohol
Concen: 41.84 ng
RT: 6.89 min Scan# 816
Delta R.T. -0.01 min
Lab File: BF098049.D
Acq: 26 Aug 2017 00:03

Instrument :
BNA_F
ClientSampleId :
IRON-LEAF-TOPSOILMS

Tgt Ion: 79 Resp: 283724

Ion	Ratio	Lower	Upper
79	100		
108	73.4	63.4	95.0
77	62.7	49.2	73.8

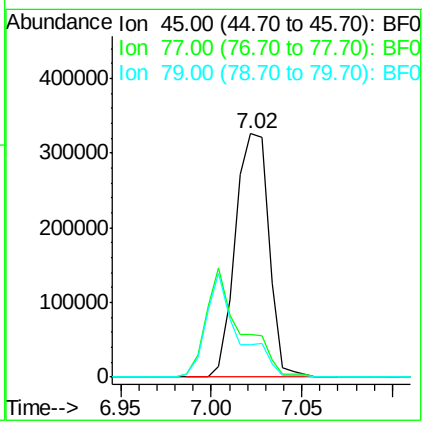


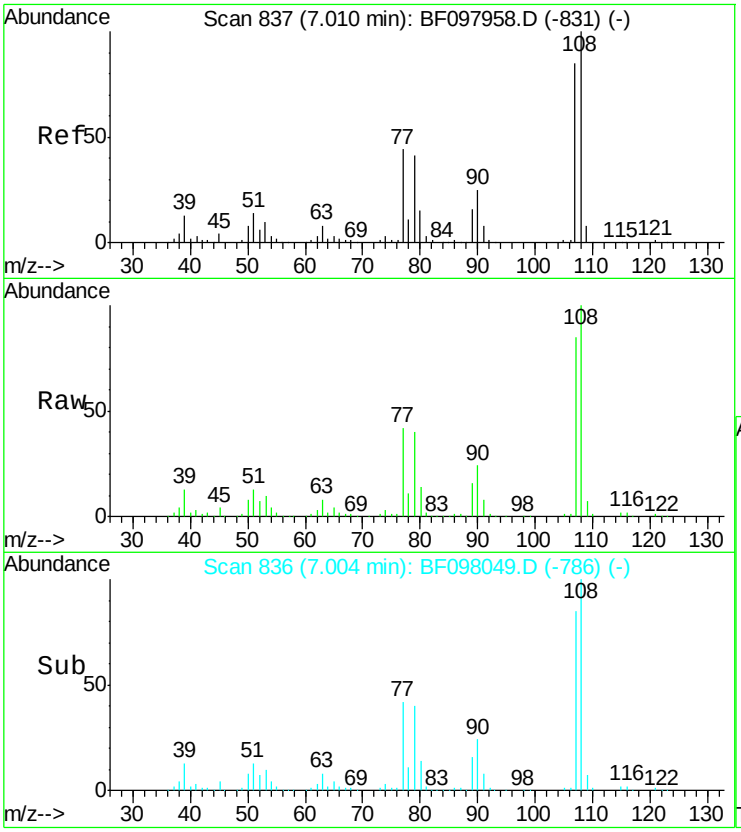


#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.96 ng
RT: 7.02 min Scan# 839
Delta R.T. -0.01 min
Lab File: BF098049.D
Acq: 26 Aug 2017 00:03

Tgt Ion: 45 Resp: 419090

Ion	Ratio	Lower	Upper
45	100		
77	17.6	0.0	33.2
79	13.1	0.0	30.0



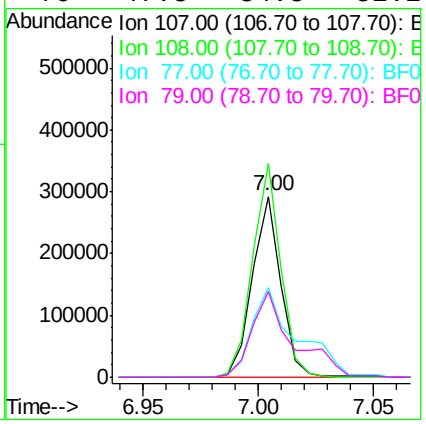


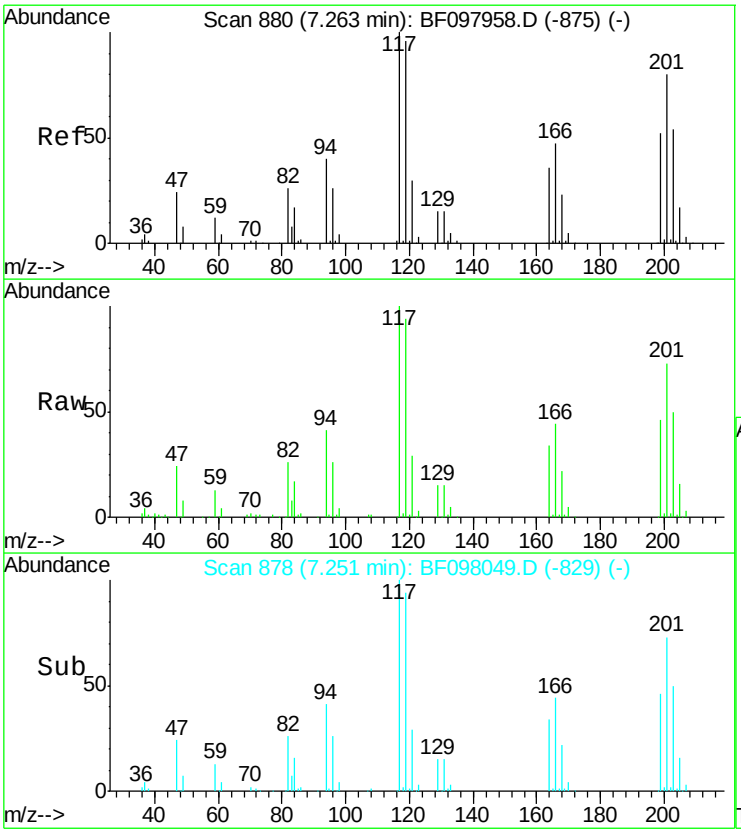
#17
2-Methylphenol
Concen: 40.74 ng
RT: 7.00 min Scan# 836
Delta R.T. -0.01 min
Lab File: BF098049.D
Acq: 26 Aug 2017 00:03

Instrument :
BNA_F
ClientSampleId :
IRON-LEAF-TOPSOILMS

Tgt Ion:107 Resp: 252415

Ion	Ratio	Lower	Upper
107	100		
108	118.2	93.4	140.0
77	49.9	35.8	53.6
79	47.8	34.8	52.2

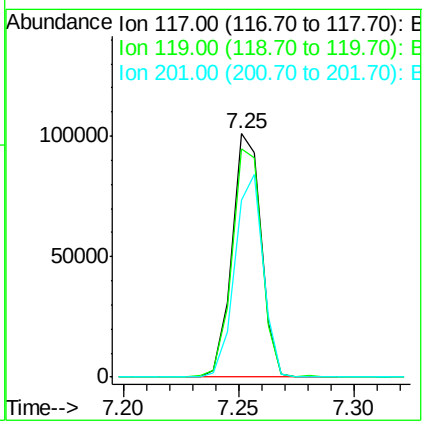


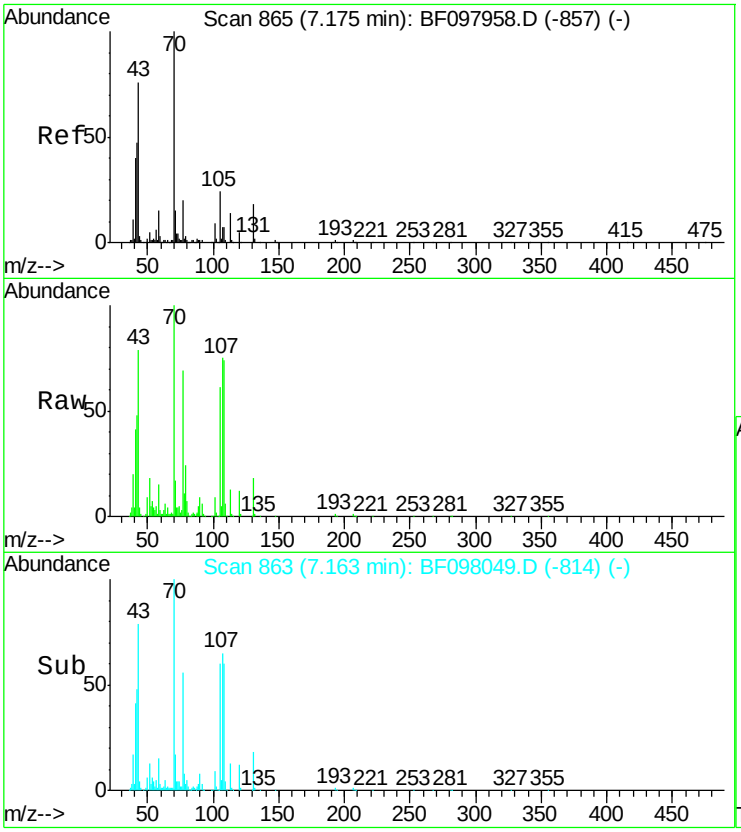


#18
Hexachloroethane
Concen: 29.51 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF098049.D
Acq: 26 Aug 2017 00:03

Tgt Ion:117 Resp: 88964

Ion	Ratio	Lower	Upper
117	100		
119	93.8	77.4	116.0
201	72.5	94.6	141.8#



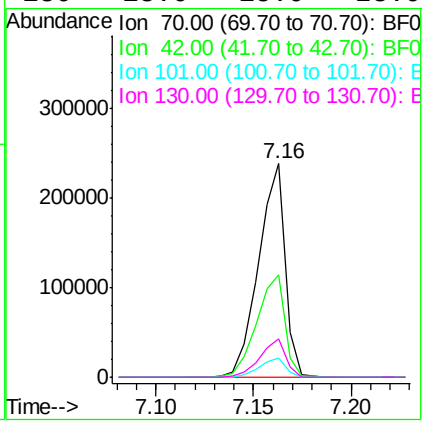


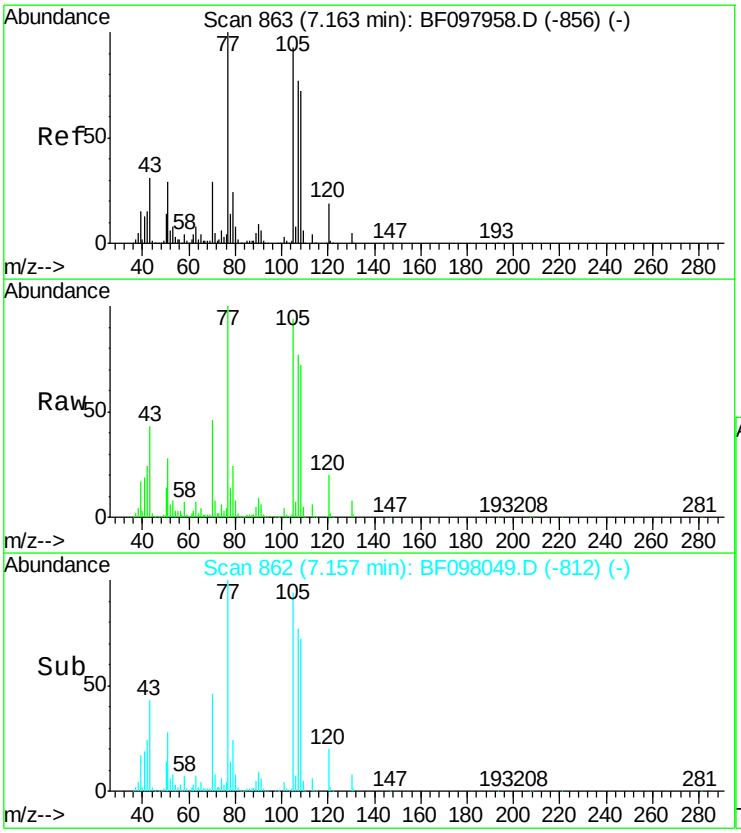
#19
n-Nitroso-di-n-propylamine
Concen: 36.26 ng
RT: 7.16 min Scan# 863
Delta R.T. -0.01 min
Lab File: BF098049.D
Acq: 26 Aug 2017 00:03

Instrument :
BNA_F
ClientSampleId :
IRON-LEAF-TOPSOILMS

Tgt Ion: 70 Resp: 224793

Ion	Ratio	Lower	Upper
70	100		
42	48.1	47.2	70.8
101	8.9	7.2	10.8
130	18.0	15.9	23.9

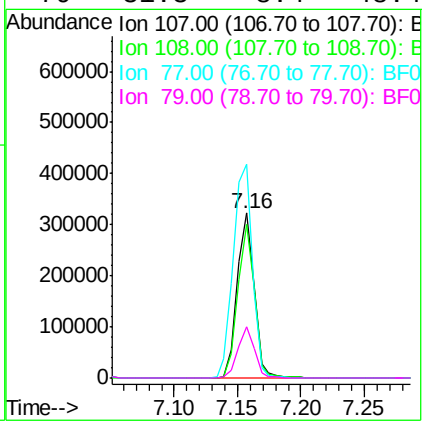


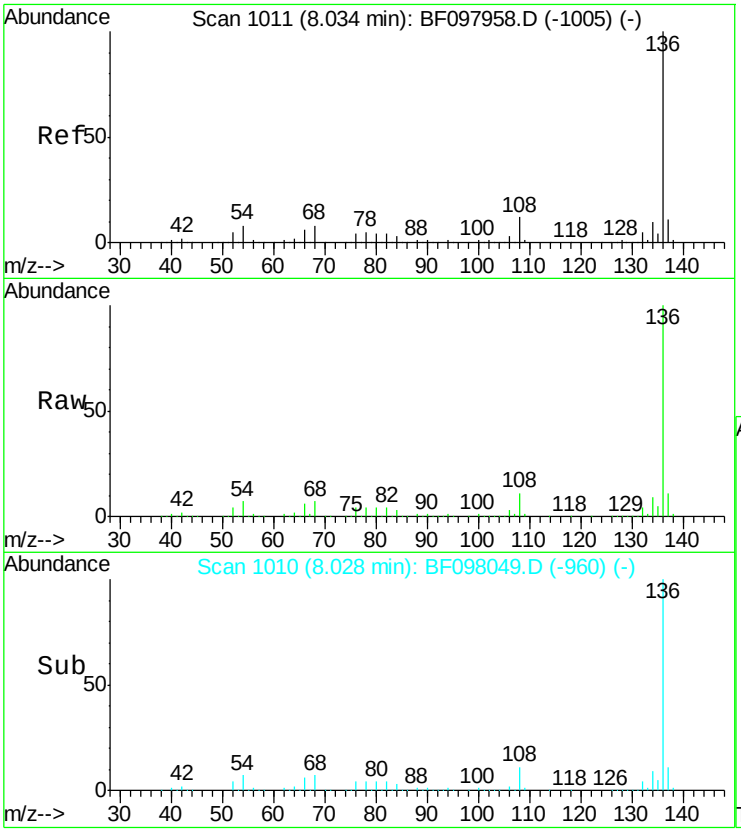


#20
3+4-Methylphenols
Concen: 39.32 ng
RT: 7.16 min Scan# 862
Delta R.T. -0.01 min
Lab File: BF098049.D
Acq: 26 Aug 2017 00:03

Tgt Ion:107 Resp: 297550

Ion	Ratio	Lower	Upper
107	100		
108	93.1	71.0	111.0
77	129.4	90.5	130.5
79	31.3	8.4	48.4



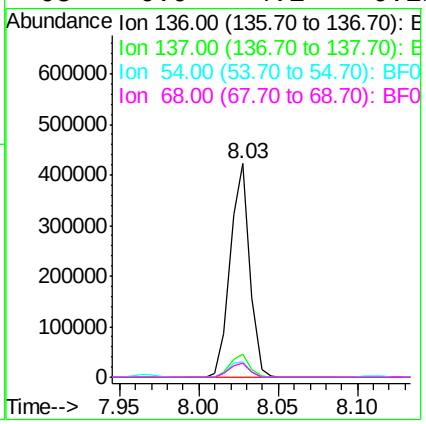


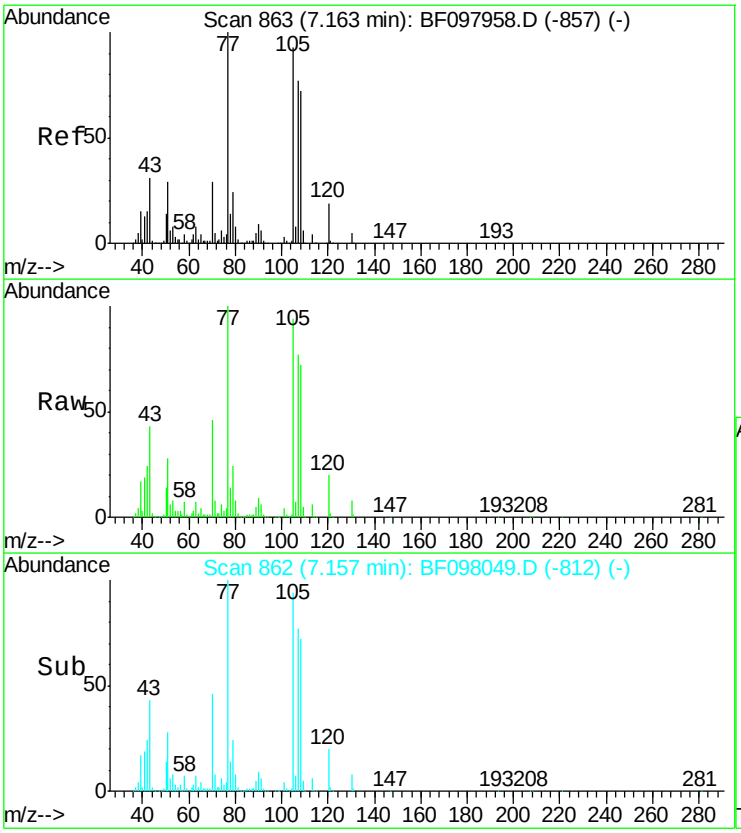
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.03 min Scan# 1010
Delta R.T. -0.01 min
Lab File: BF098049.D
Acq: 26 Aug 2017 00:03

Instrument :
BNA_F
ClientSampleId :
IRON-LEAF-TOPSOILMS

Tgt Ion:136 Resp: 358889

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.5	12.7
54	7.0	4.9	7.3
68	6.9	4.1	6.1#

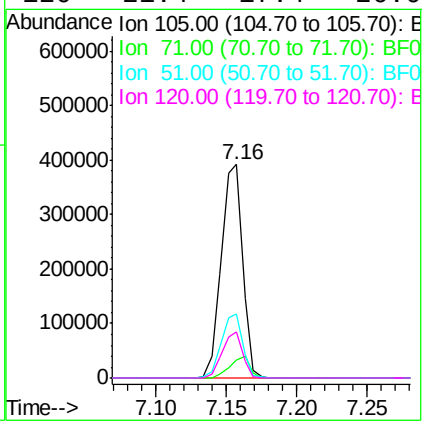


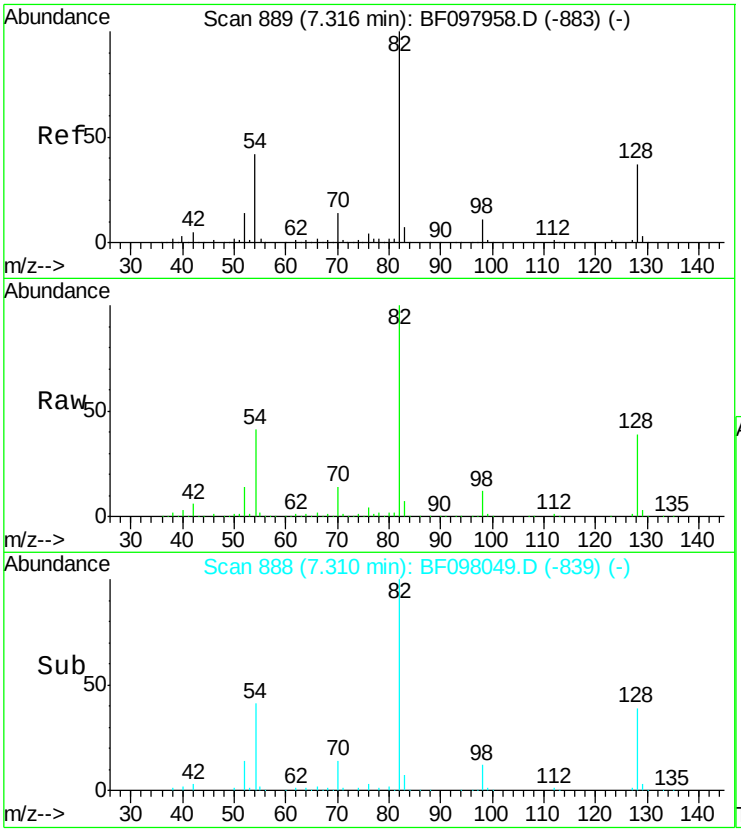


#22
Acetophenone
Concen: 43.53 ng
RT: 7.16 min Scan# 862
Delta R.T. -0.01 min
Lab File: BF098049.D
Acq: 26 Aug 2017 00:03

Tgt Ion:105 Resp: 412718

Ion	Ratio	Lower	Upper
105	100		
71	8.5	2.8	4.2#
51	29.9	30.7	46.1#
120	21.4	17.4	26.0



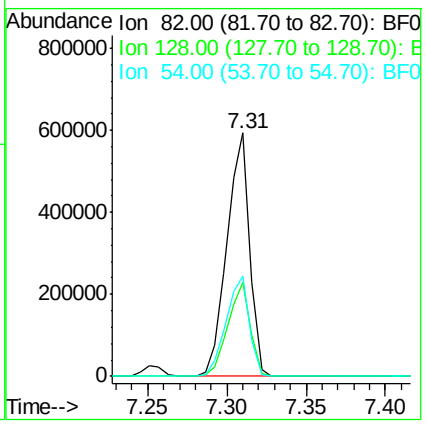


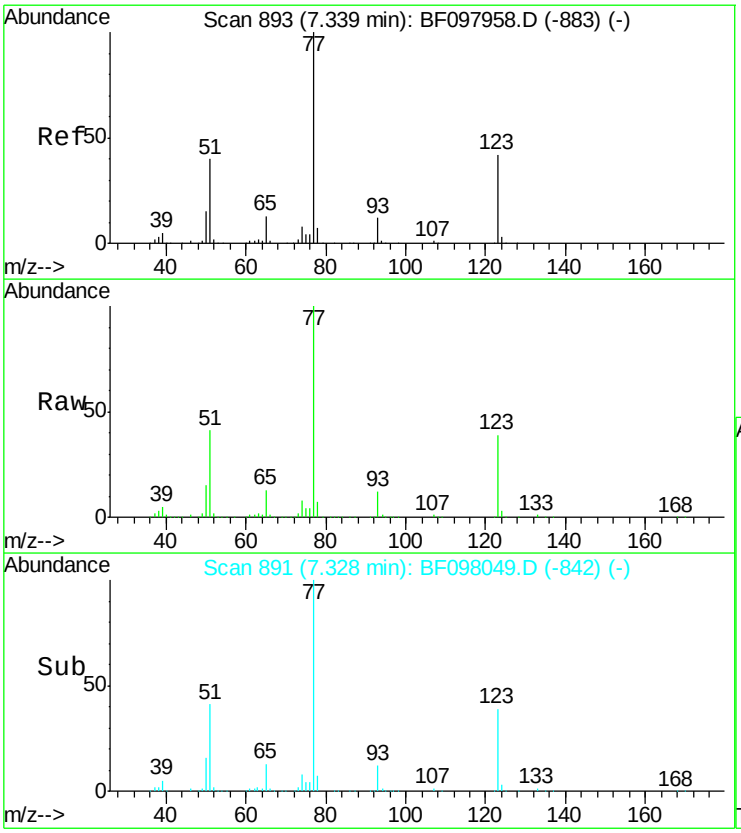
#23
Nitrobenzene-d5
Concen: 89.03 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.01 min
Lab File: BF098049.D
Acq: 26 Aug 2017 00:03

Instrument :
BNA_F
ClientSampleId :
IRON-LEAF-TOPSOILMS

Tgt Ion: 82 Resp: 588140

Ion	Ratio	Lower	Upper
82	100		
128	38.8	34.0	51.0
54	41.3	42.2	63.2#

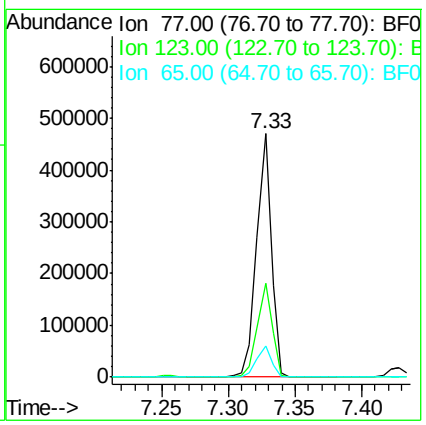


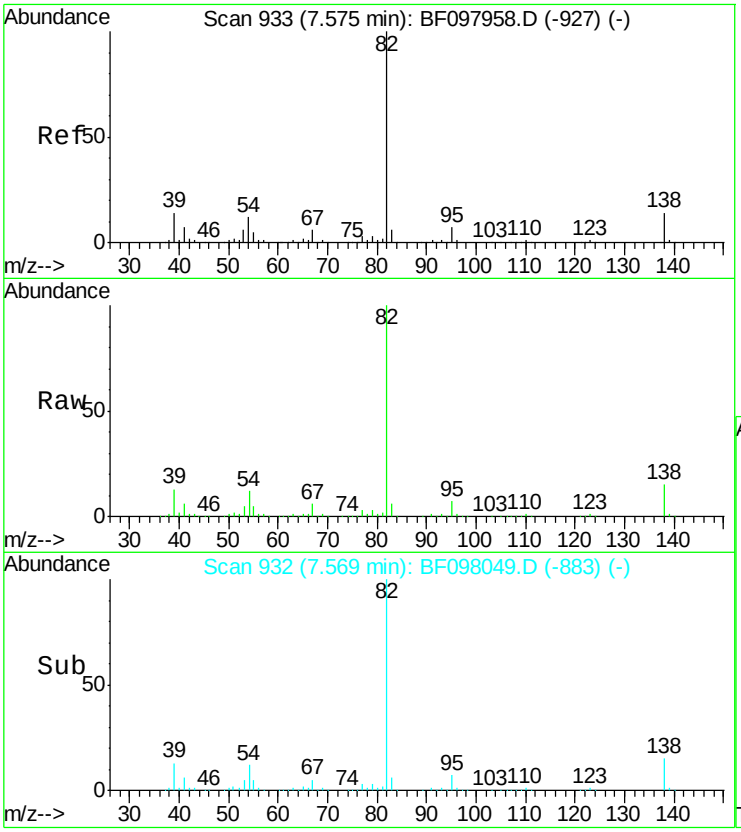


#24
Nitrobenzene
Concen: 47.94 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.01 min
Lab File: BF098049.D
Acq: 26 Aug 2017 00:03

Tgt Ion: 77 Resp: 352639

Ion	Ratio	Lower	Upper
77	100		
123	38.8	35.8	53.8
65	12.8	10.6	15.8



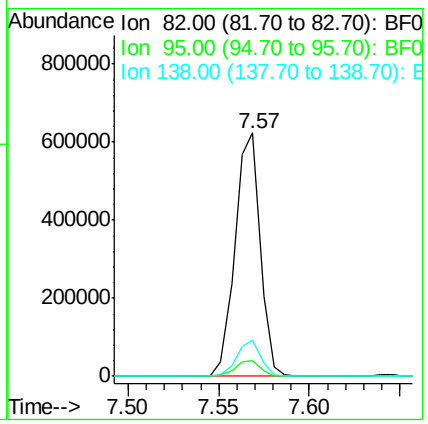


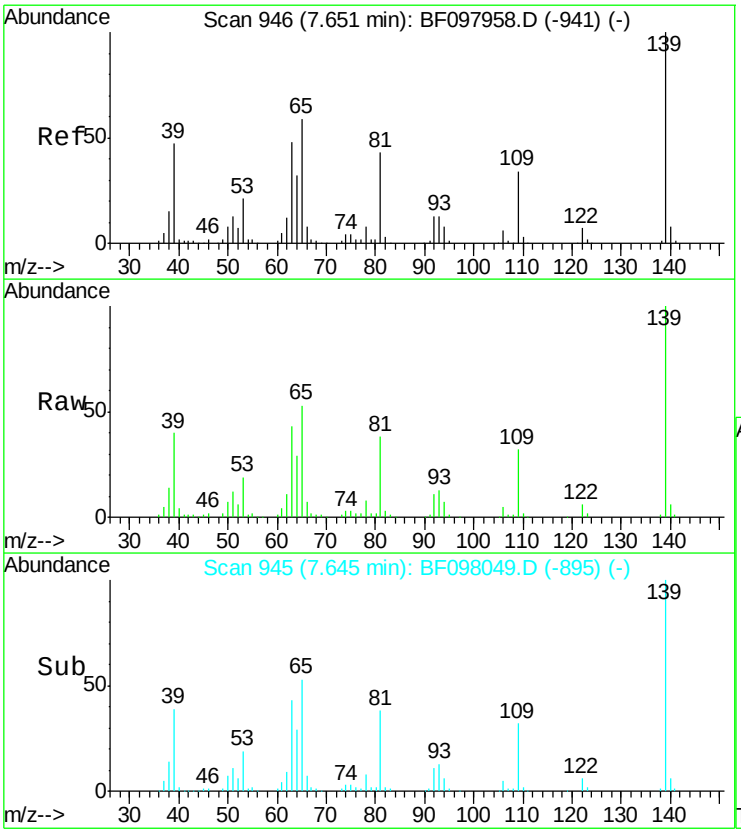
#25
Isophorone
Concen: 43.92 ng
RT: 7.57 min Scan# 932
Delta R.T. -0.01 min
Lab File: BF098049.D
Acq: 26 Aug 2017 00:03

Instrument :
BNA_F
ClientSampleId :
IRON-LEAF-TOPSOILMS

Tgt Ion: 82 Resp: 603324

Ion	Ratio	Lower	Upper
82	100		
95	6.7	5.3	7.9
138	15.1	13.1	19.7

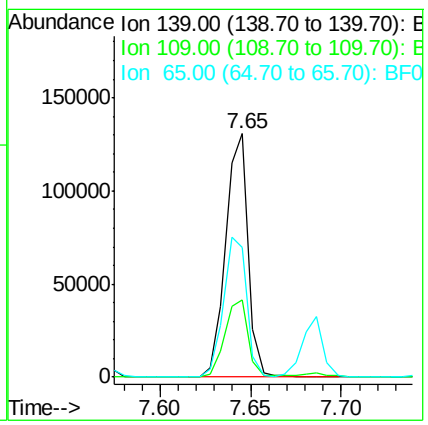


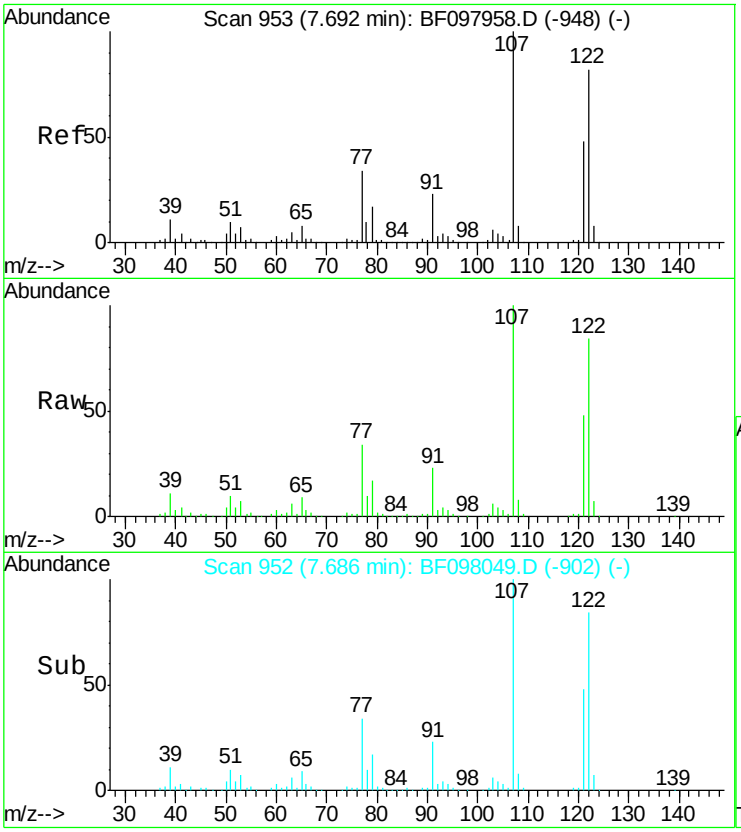


#26
2-Nitrophenol
Concen: 42.97 ng
RT: 7.65 min Scan# 945
Delta R.T. -0.01 min
Lab File: BF098049.D
Acq: 26 Aug 2017 00:03

Tgt Ion:139 Resp: 112878

Ion	Ratio	Lower	Upper
139	100		
109	32.0	21.0	31.6#
65	53.2	33.0	49.6#



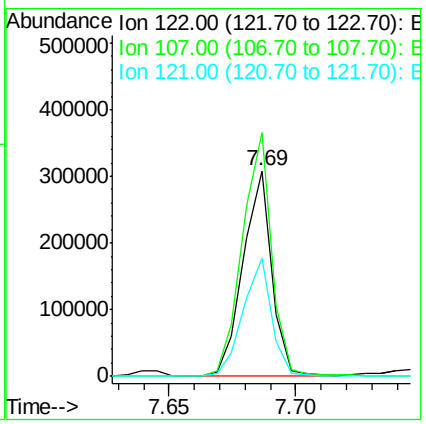


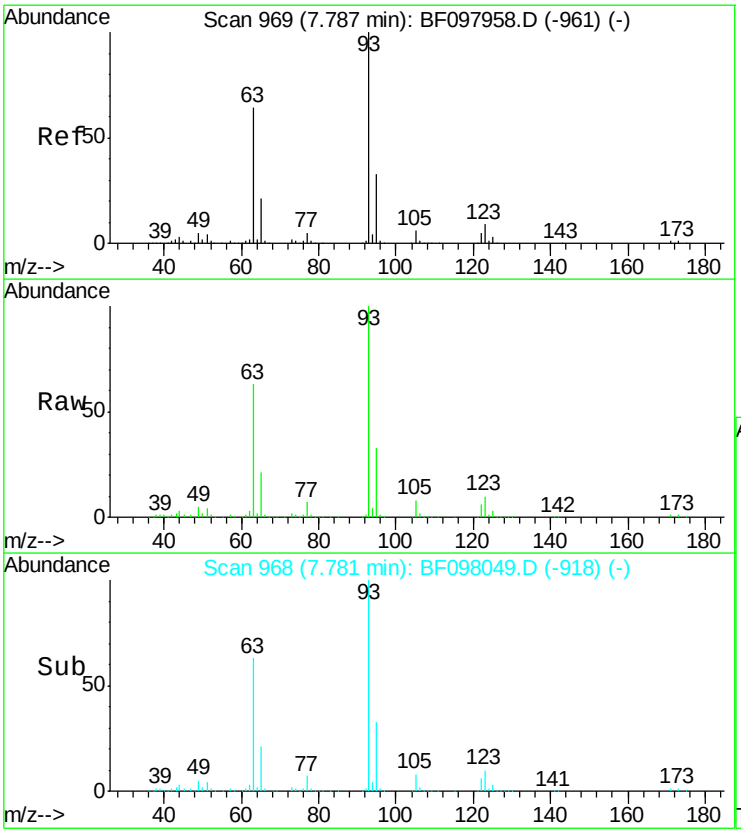
#27
2,4-Dimethylphenol
Concen: 42.63 ng
RT: 7.69 min Scan# 952
Delta R.T. -0.01 min
Lab File: BF098049.D
Acq: 26 Aug 2017 00:03

Instrument :
BNA_F
ClientSampleId :
IRON-LEAF-TOPSOILMS

Tgt Ion:122 Resp: 244206

Ion	Ratio	Lower	Upper
122	100		
107	118.4	89.2	133.8
121	57.3	45.2	67.8

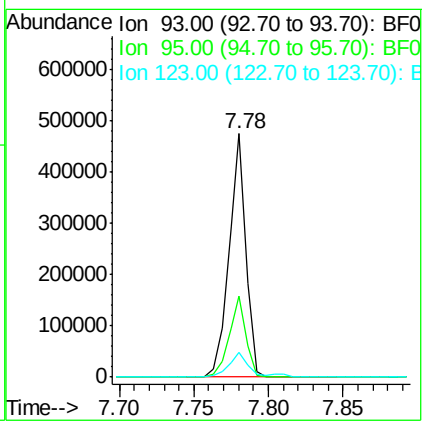


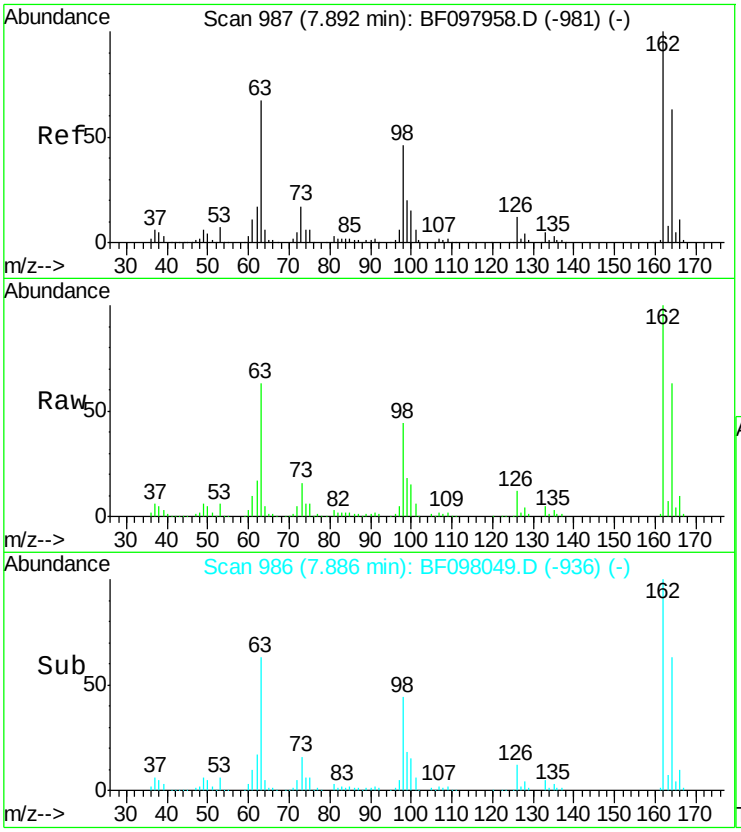


#28
bis(2-Chloroethoxy)methane
Concen: 42.32 ng
RT: 7.78 min Scan# 968
Delta R.T. -0.01 min
Lab File: BF098049.D
Acq: 26 Aug 2017 00:03

Tgt Ion: 93 Resp: 382215

Ion	Ratio	Lower	Upper
93	100		
95	33.2	26.5	39.7
123	10.0	9.0	13.4



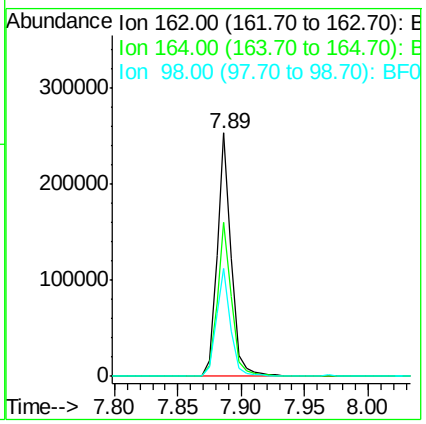


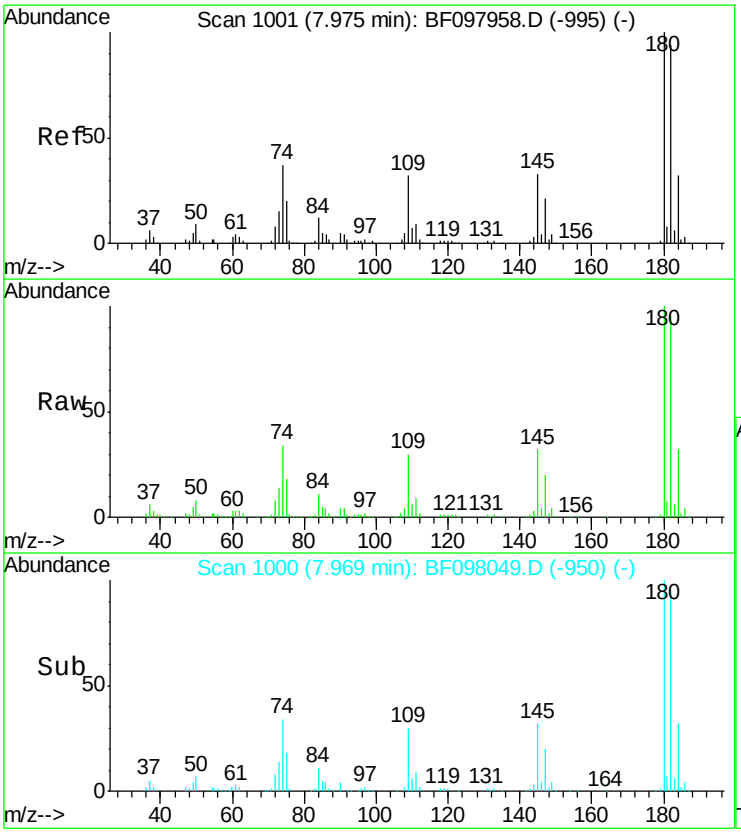
#29
2,4-Dichlorophenol
Concen: 42.05 ng
RT: 7.89 min Scan# 986
Delta R.T. -0.01 min
Lab File: BF098049.D
Acq: 26 Aug 2017 00:03

Instrument :
BNA_F
ClientSampleId :
IRON-LEAF-TOPSOILMS

Tgt Ion:162 Resp: 199963

Ion	Ratio	Lower	Upper
162	100		
164	63.2	44.6	84.6
98	44.4	14.8	54.8

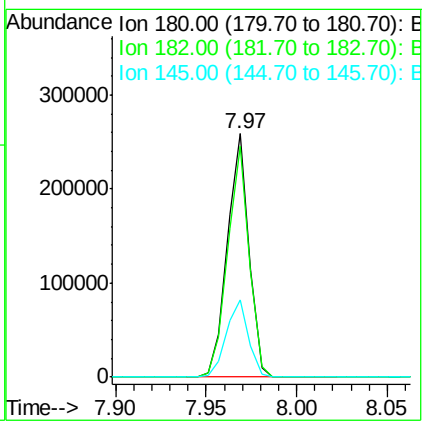


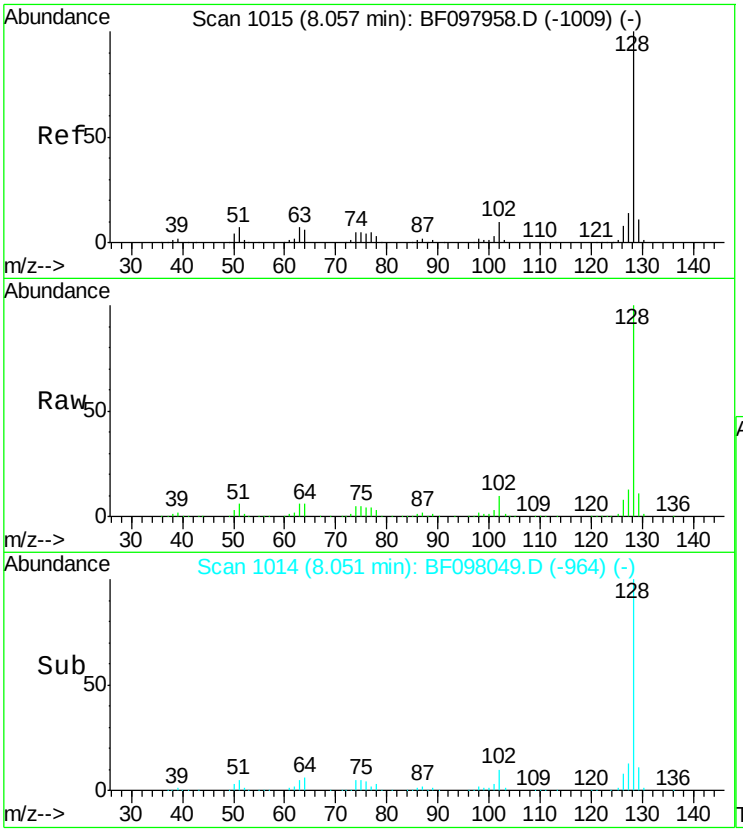


#30
1,2,4-Trichlorobenzene
Concen: 40.70 ng
RT: 7.97 min Scan# 1000
Delta R.T. -0.01 min
Lab File: BF098049.D
Acq: 26 Aug 2017 00:03

Tgt Ion:180 Resp: 214571

Ion	Ratio	Lower	Upper
180	100		
182	94.6	75.8	113.6
145	31.9	25.3	37.9



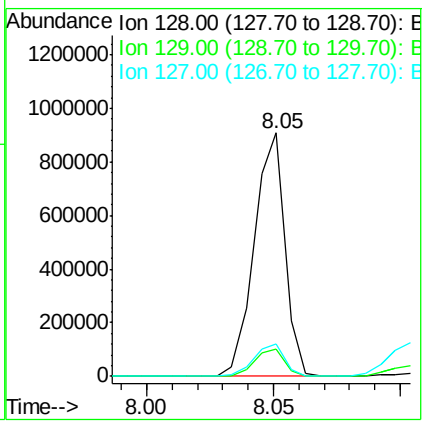


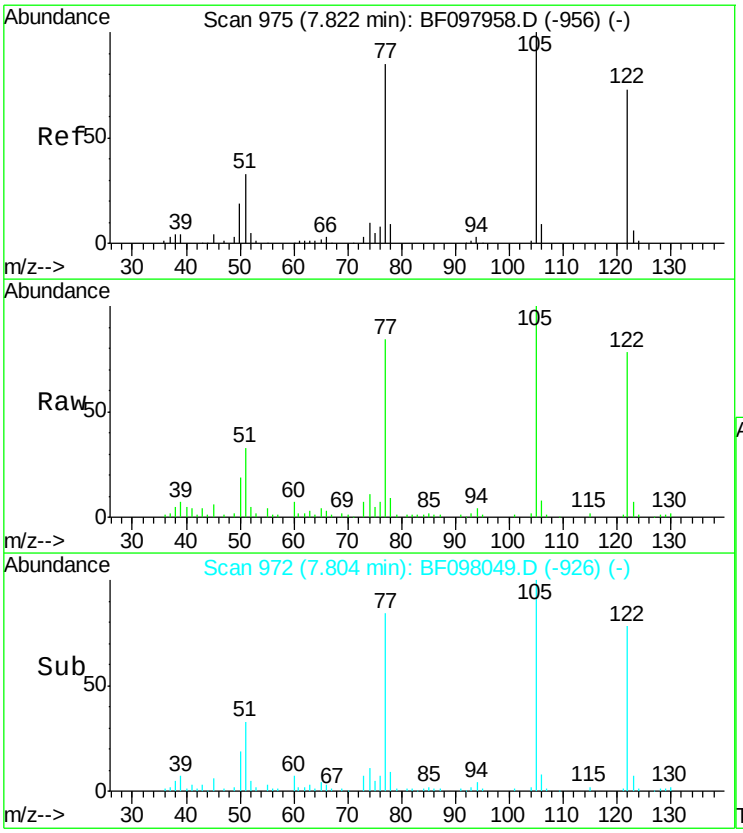
#31
Naphthalene
Concen: 41.15 ng
RT: 8.05 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BF098049.D
Acq: 26 Aug 2017 00:03

Instrument :
BNA_F
ClientSampleId :
IRON-LEAF-TOPSOILMS

Tgt Ion:128 Resp: 766670

Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.0	13.6
127	13.3	10.8	16.2

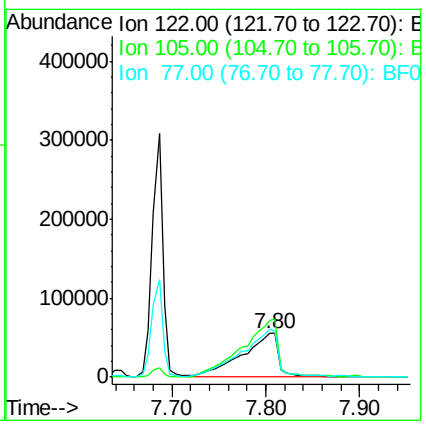


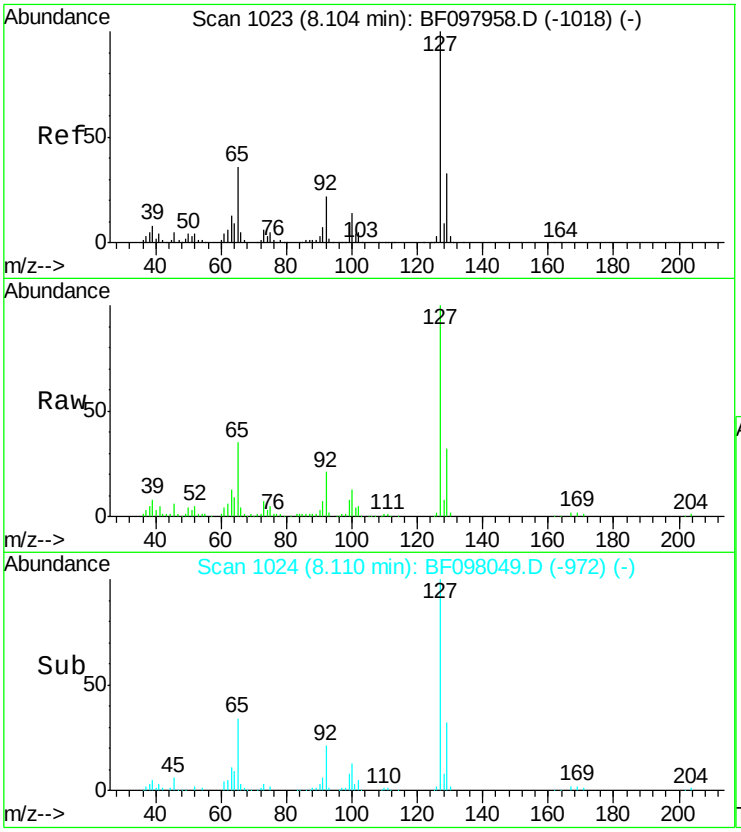


#32
Benzoic acid
Concen: 36.81 ng
RT: 7.80 min Scan# 972
Delta R.T. -0.03 min
Lab File: BF098049.D
Acq: 26 Aug 2017 00:03

Tgt Ion:122 Resp: 146454

Ion	Ratio	Lower	Upper
122	100		
105	128.9	103.3	143.3
77	108.9	73.7	113.7



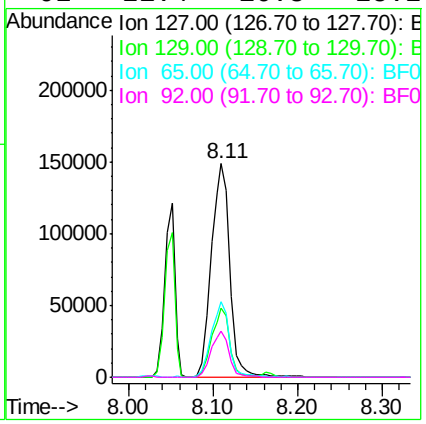


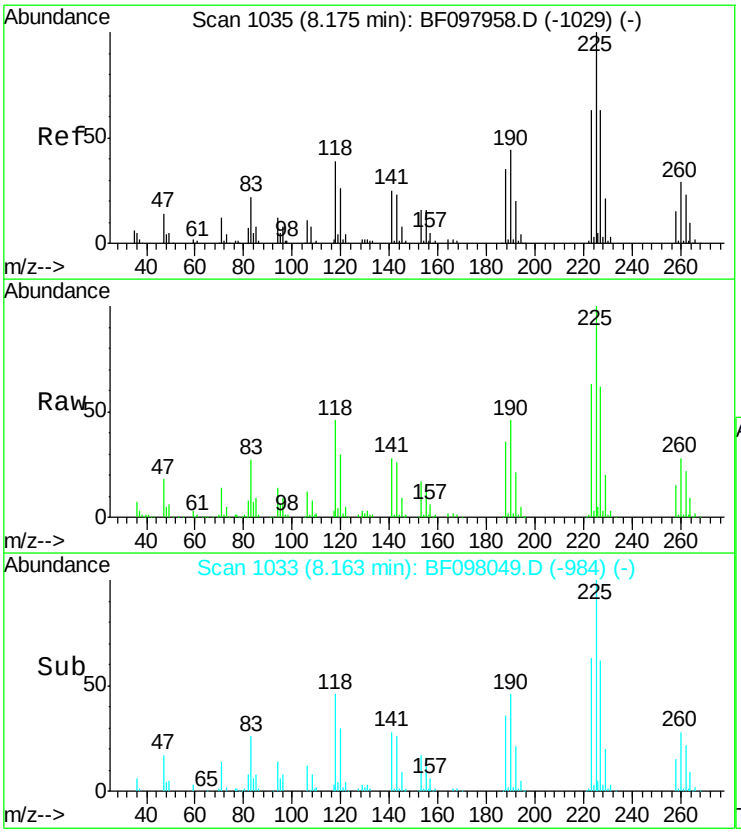
#33
4-Chloroaniline
Concen: 29.39 ng
RT: 8.11 min Scan# 1024
Delta R.T. 0.01 min
Lab File: BF098049.D
Acq: 26 Aug 2017 00:03

Instrument :
BNA_F
ClientSampleId :
IRON-LEAF-TOPSOILMS

Tgt Ion:127 Resp: 230968

Ion	Ratio	Lower	Upper
127	100		
129	32.3	26.2	39.2
65	35.3	27.8	41.8
92	21.4	16.8	25.2

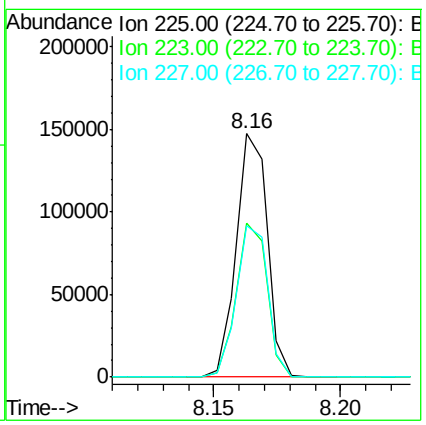


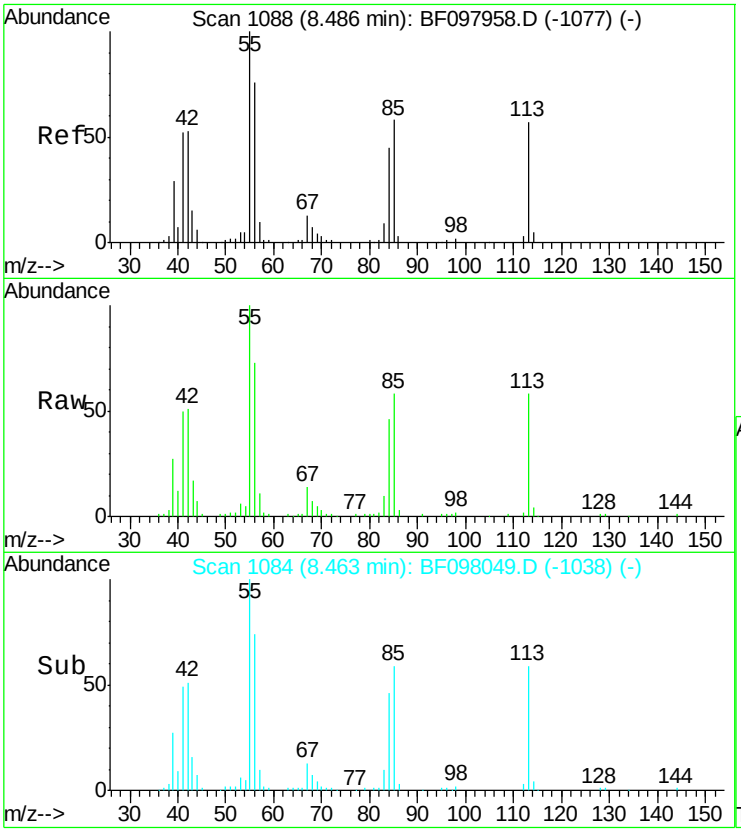


#34
Hexachlorobutadiene
Concen: 40.69 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF098049.D
Acq: 26 Aug 2017 00:03

Tgt Ion:225 Resp: 125259

Ion	Ratio	Lower	Upper
225	100		
223	63.3	48.8	73.2
227	62.1	51.1	76.7



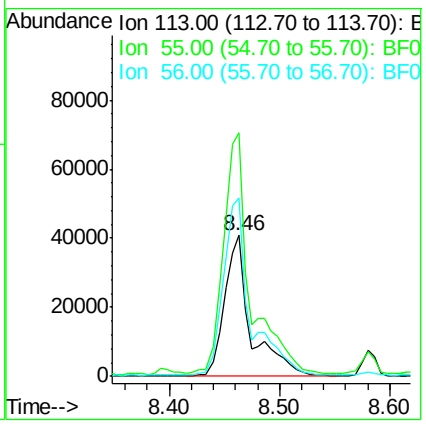


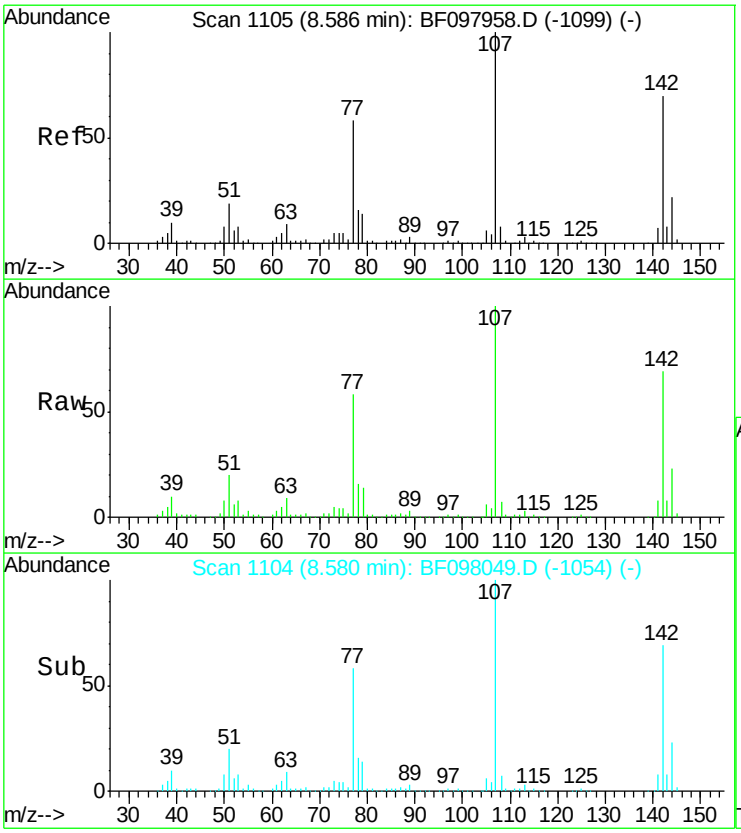
#35
Caprolactam
Concen: 42.37 ng
RT: 8.46 min Scan# 1084
Delta R.T. -0.03 min
Lab File: BF098049.D
Acq: 26 Aug 2017 00:03

Instrument :
BNA_F
ClientSampleId :
IRON-LEAF-TOPSOILMS

Tgt Ion:113 Resp: 68494

Ion	Ratio	Lower	Upper
113	100		
55	172.6	150.2	190.2
56	126.3	107.8	147.8

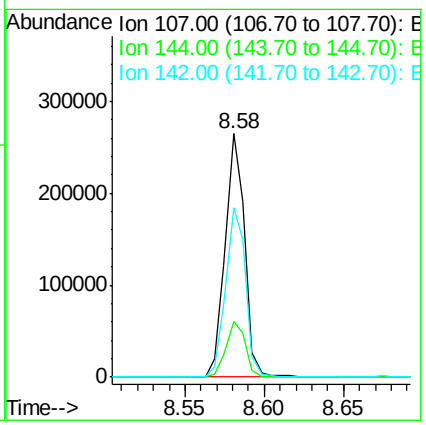


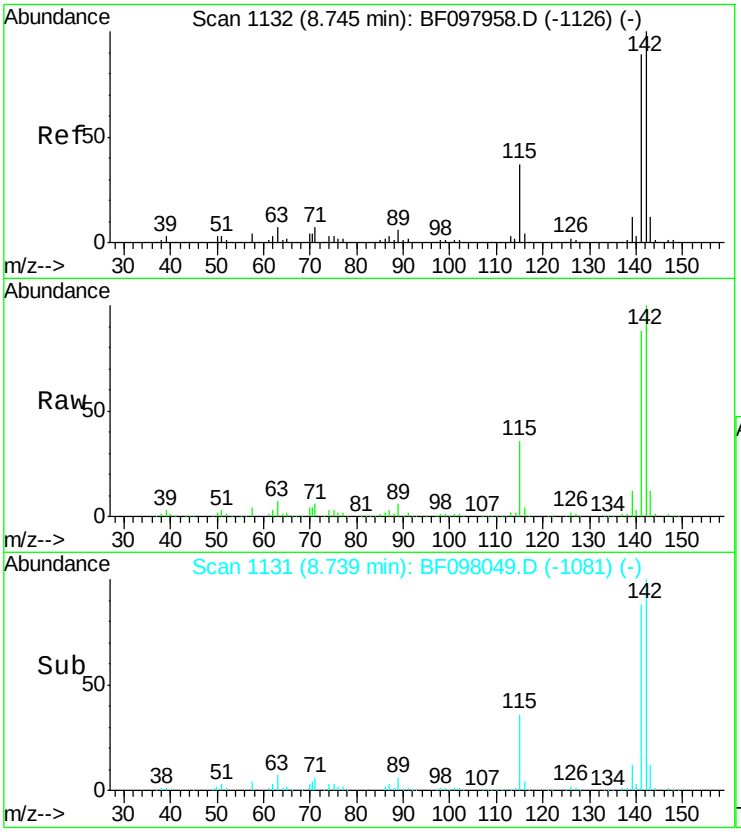


#36
4-Chloro-3-methylphenol
Concen: 36.87 ng
RT: 8.58 min Scan# 1104
Delta R.T. -0.01 min
Lab File: BF098049.D
Acq: 26 Aug 2017 00:03

Tgt Ion:107 Resp: 225258

Ion	Ratio	Lower	Upper
107	100		
144	22.5	24.2	36.4#
142	69.3	73.4	110.0#



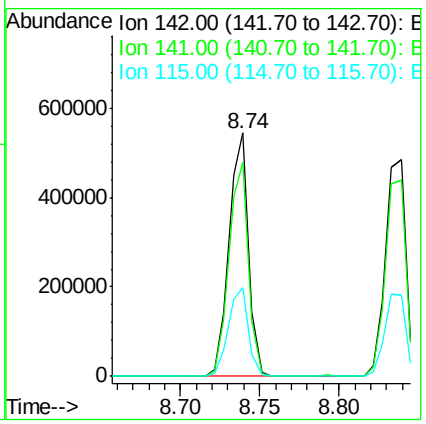


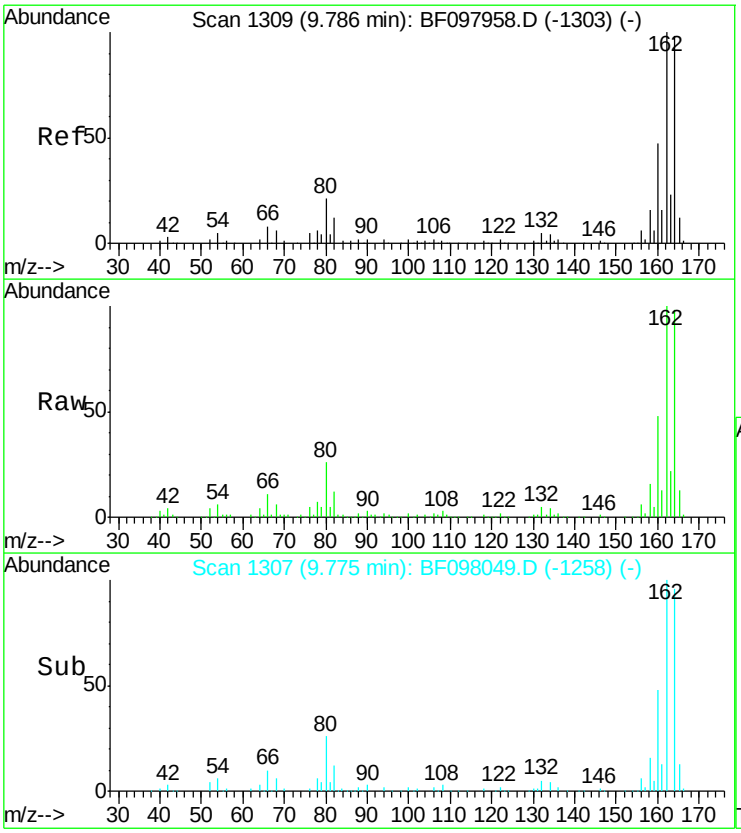
#37
2-Methylnaphthalene
Concen: 40.47 ng
RT: 8.74 min Scan# 1131
Delta R.T. -0.01 min
Lab File: BF098049.D
Acq: 26 Aug 2017 00:03

Instrument :
BNA_F
ClientSampleId :
IRON-LEAF-TOPSOILMS

Tgt Ion:142 Resp: 462271

Ion	Ratio	Lower	Upper
142	100		
141	88.1	71.3	106.9
115	36.3	27.1	40.7

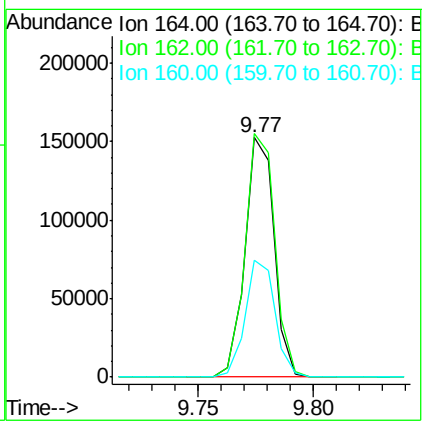


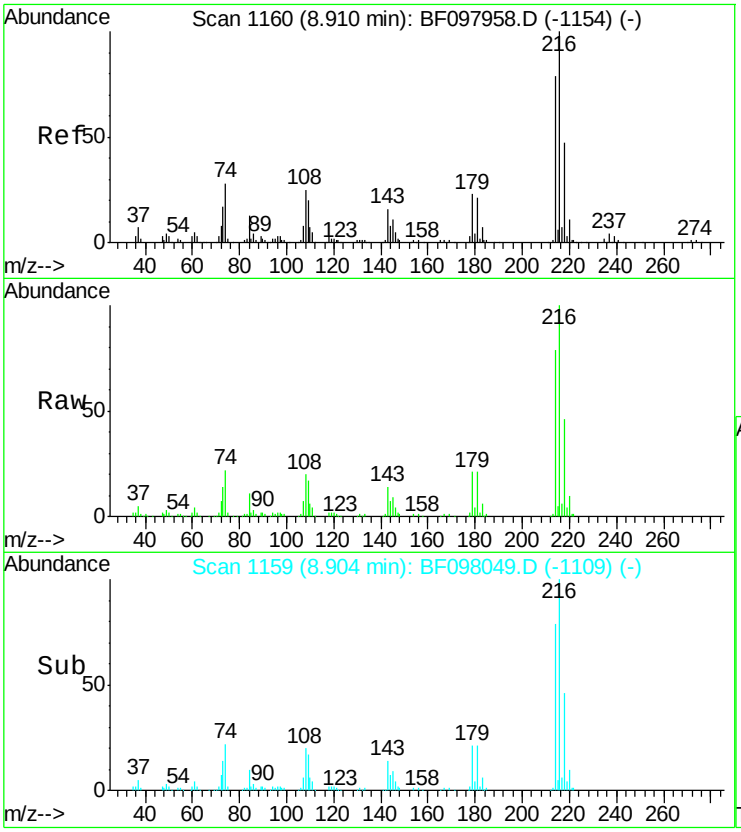


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.77 min Scan# 1307
Delta R.T. -0.01 min
Lab File: BF098049.D
Acq: 26 Aug 2017 00:03

Tgt Ion:164 Resp: 134922

Ion	Ratio	Lower	Upper
164	100		
162	101.7	82.6	123.8
160	48.6	36.2	54.2



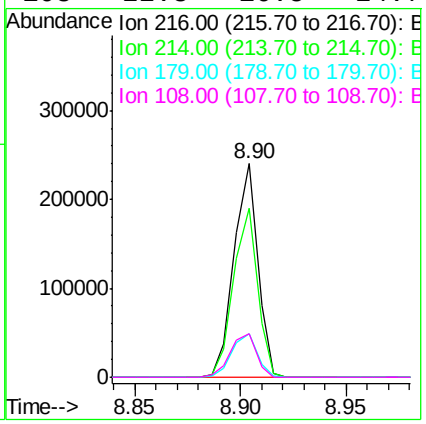


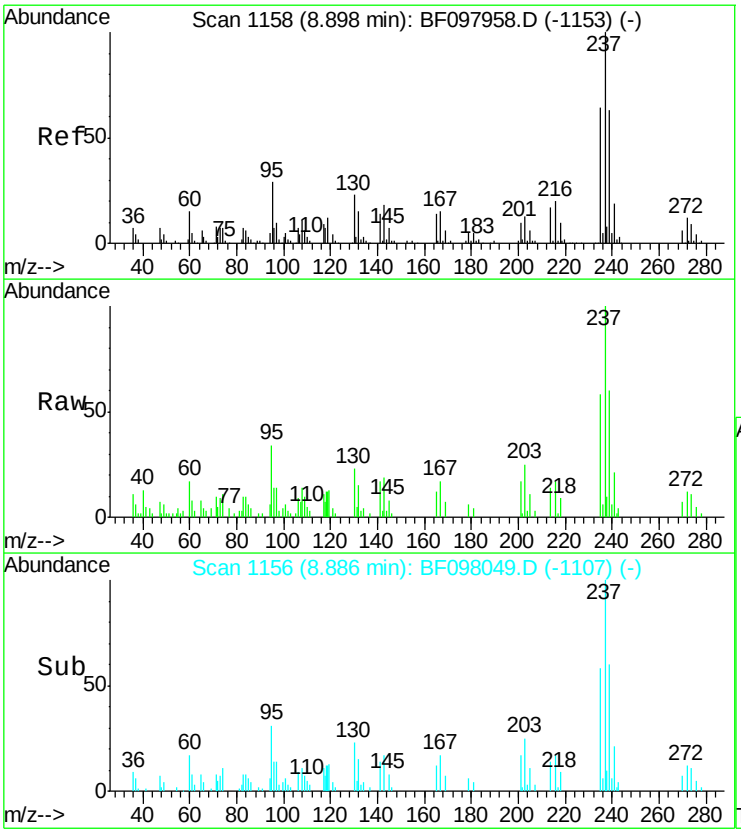
#39
1,2,4,5-Tetrachlorobenzene
Concen: 45.11 ng
RT: 8.90 min Scan# 1159
Delta R.T. -0.01 min
Lab File: BF098049.D
Acq: 26 Aug 2017 00:03

Instrument :
BNA_F
ClientSampleId :
IRON-LEAF-TOPSOILMS

Tgt Ion:216 Resp: 186777

Ion	Ratio	Lower	Upper
216	100		
214	79.8	63.4	95.2
179	21.9	17.9	26.9
108	22.3	16.5	24.7

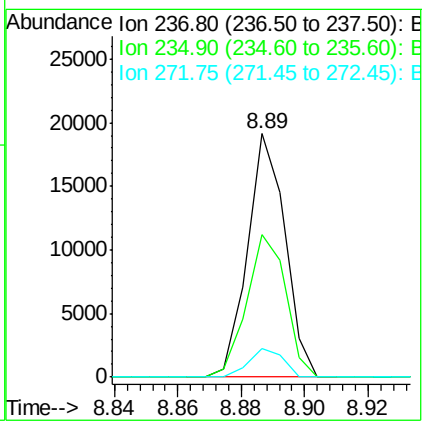


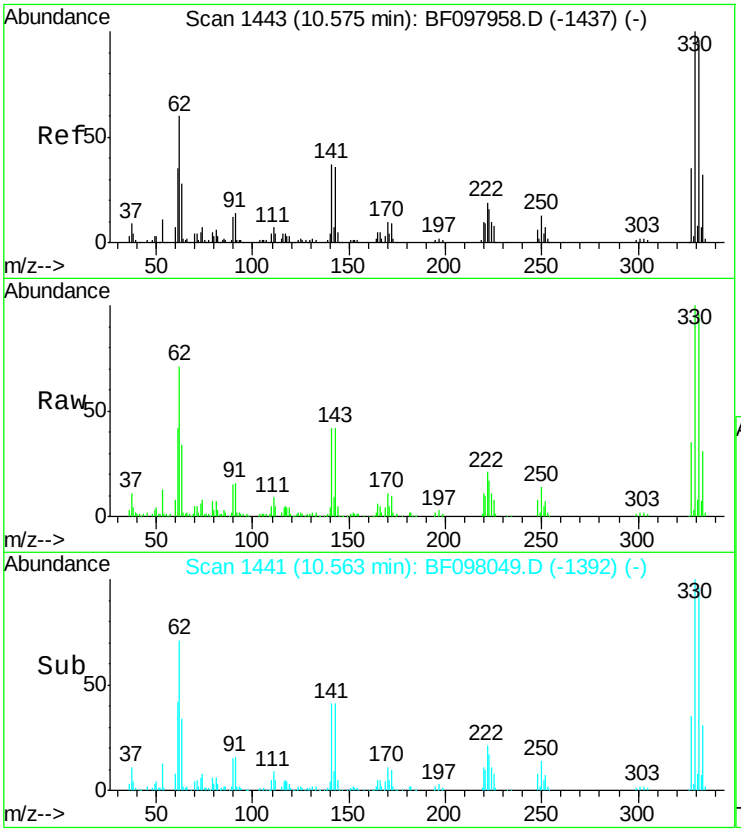


#40
Hexachlorocyclopentadiene
Concen: 7.89 ng
RT: 8.89 min Scan# 1156
Delta R.T. -0.01 min
Lab File: BF098049.D
Acq: 26 Aug 2017 00:03

Tgt Ion:237 Resp: 15689

Ion	Ratio	Lower	Upper
237	100		
235	58.3	42.6	82.6
272	11.6	0.0	31.9



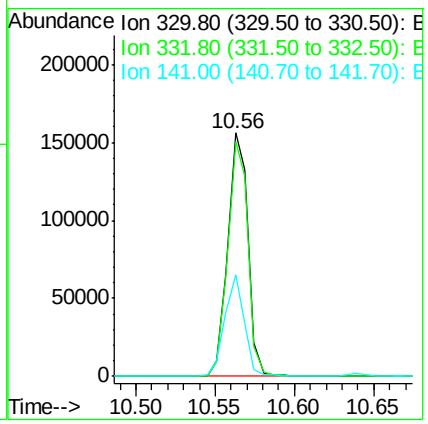


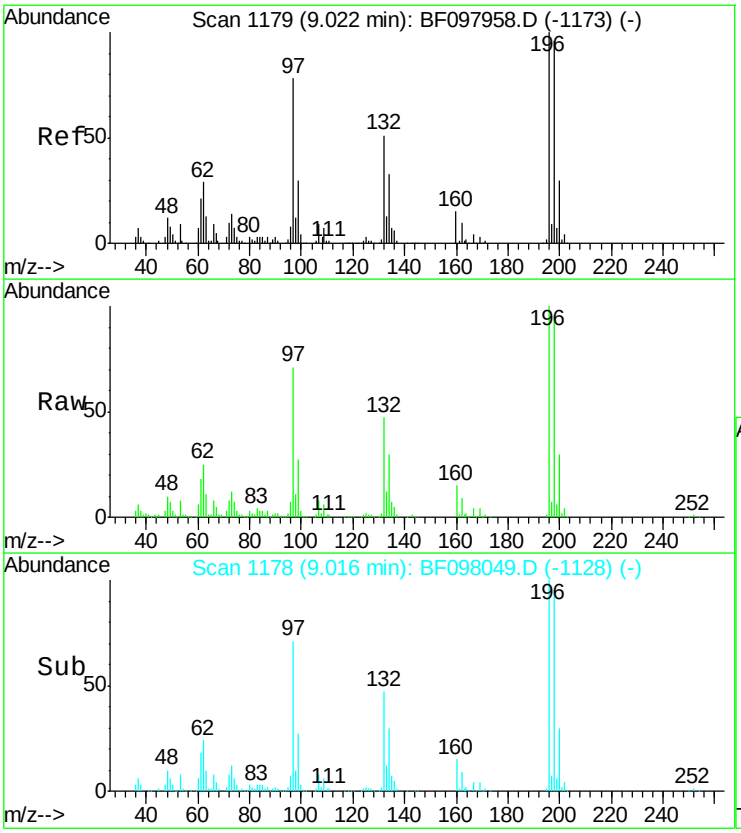
#41
2,4,6-Tribromophenol
Concen: 117.90 ng
RT: 10.56 min Scan# 1441
Delta R.T. -0.01 min
Lab File: BF098049.D
Acq: 26 Aug 2017 00:03

Instrument :
BNA_F
ClientSampleId :
IRON-LEAF-TOPSOILMS

Tgt Ion:330 Resp: 138021

Ion	Ratio	Lower	Upper
330	100		
332	96.4	76.6	115.0
141	41.0	31.4	47.2

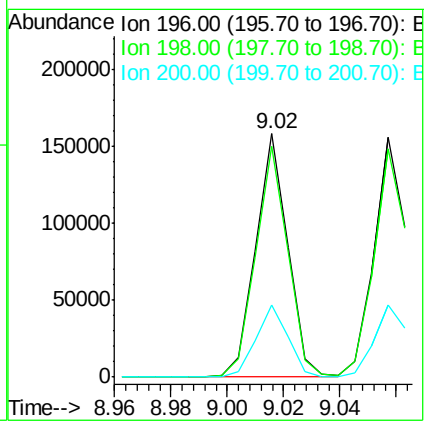


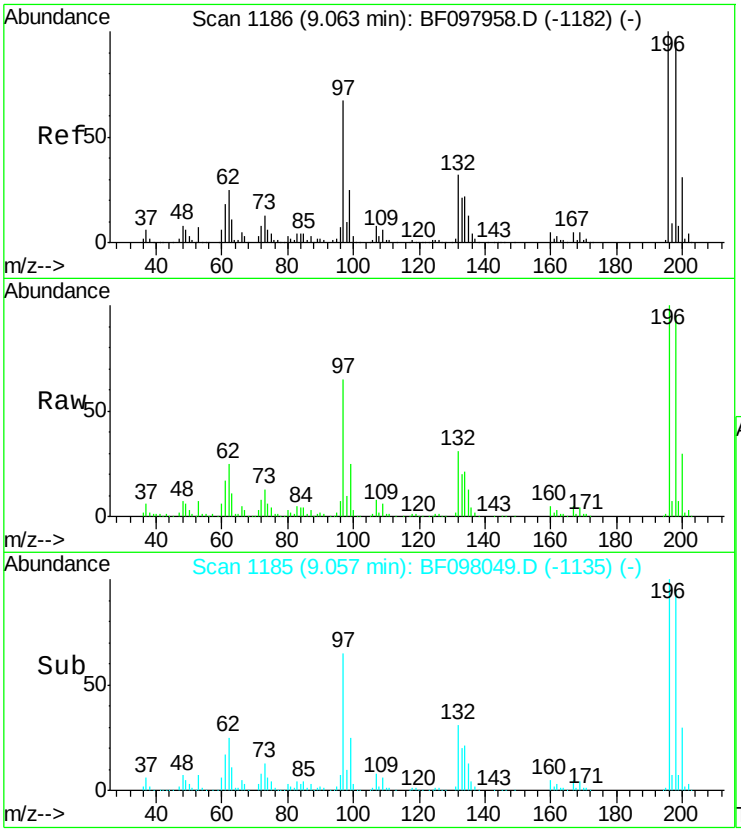


#42
2,4,6-Trichlorophenol
Concen: 44.78 ng
RT: 9.02 min Scan# 1178
Delta R.T. -0.01 min
Lab File: BF098049.D
Acq: 26 Aug 2017 00:03

Tgt Ion:196 Resp: 124477

Ion	Ratio	Lower	Upper
196	100		
198	94.9	74.2	111.4
200	29.9	24.0	36.0



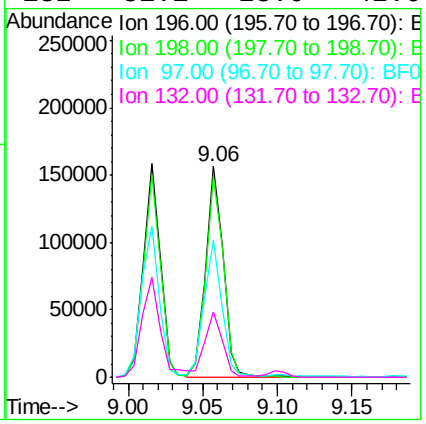


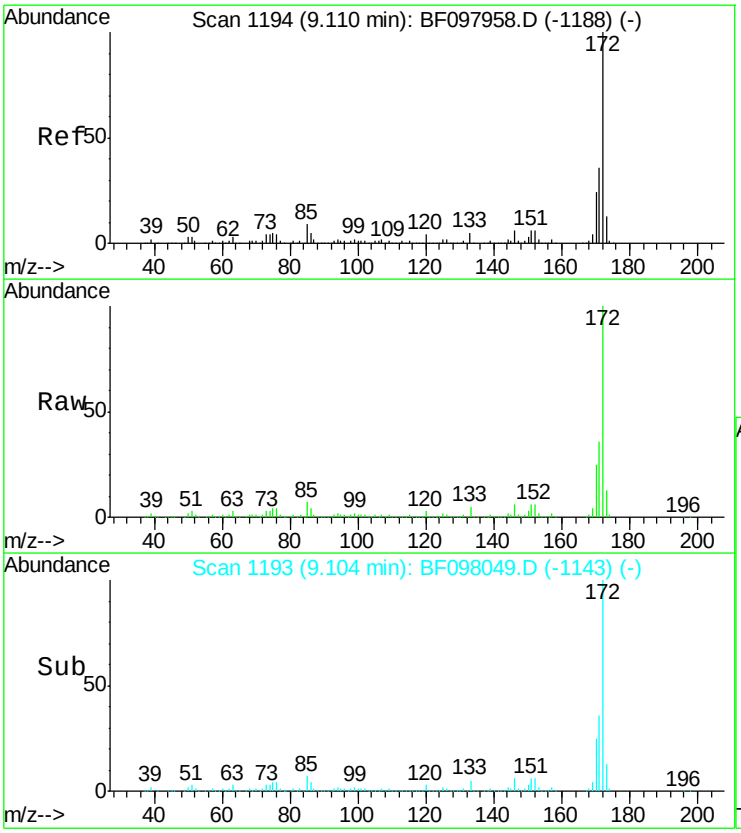
#43
2,4,5-Trichlorophenol
Concen: 46.03 ng
RT: 9.06 min Scan# 1185
Delta R.T. -0.01 min
Lab File: BF098049.D
Acq: 26 Aug 2017 00:03

Instrument :
BNA_F
ClientSampleId :
IRON-LEAF-TOPSOILMS

Tgt Ion:196 Resp: 126960

Ion	Ratio	Lower	Upper
196	100		
198	95.2	75.7	113.5
97	64.8	47.7	71.5
132	31.1	28.0	42.0

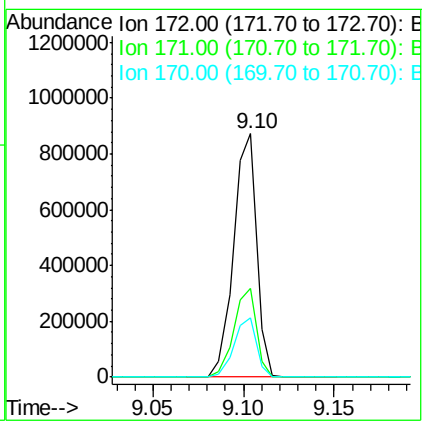


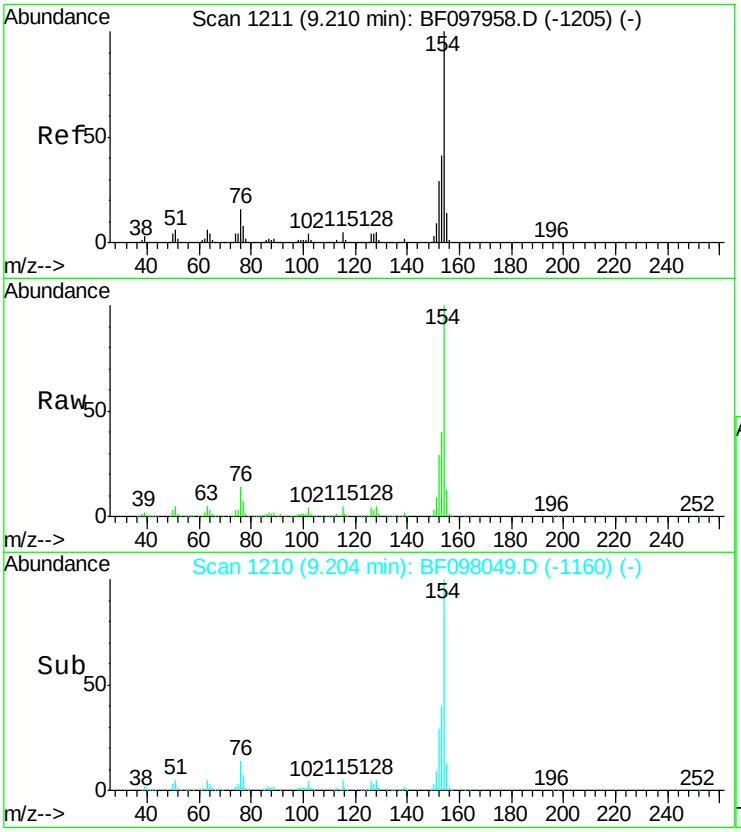


#44
2-Fluorobiphenyl
Concen: 83.72 ng
RT: 9.10 min Scan# 1193
Delta R.T. -0.01 min
Lab File: BF098049.D
Acq: 26 Aug 2017 00:03

Tgt Ion:172 Resp: 768809

Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.6	44.4
170	24.6	19.8	29.8



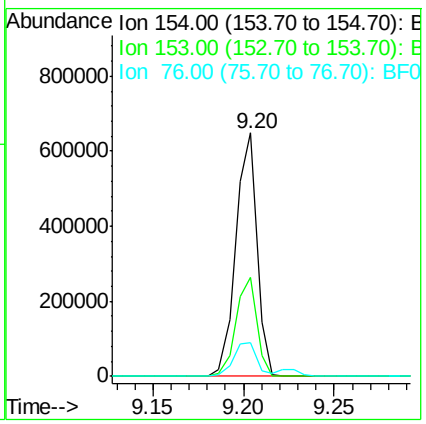


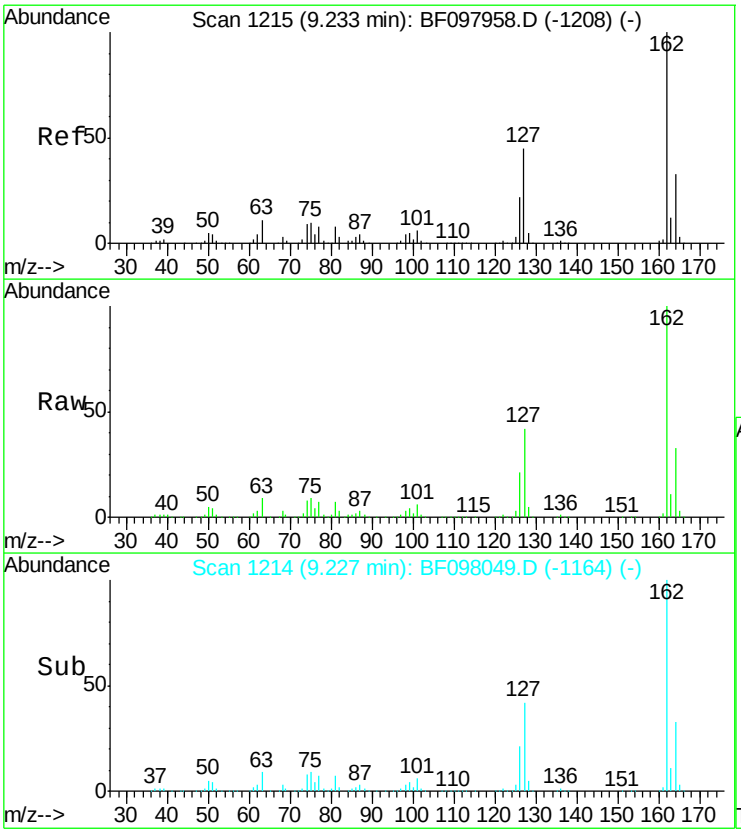
#45
1,1'-Biphenyl
Concen: 42.74 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.01 min
Lab File: BF098049.D
Acq: 26 Aug 2017 00:03

Instrument :
BNA_F
ClientSampleId :
IRON-LEAF-TOPSOILMS

Tgt Ion:154 Resp: 525891

Ion	Ratio	Lower	Upper
154	100		
153	40.4	21.2	61.2
76	14.0	0.0	29.9

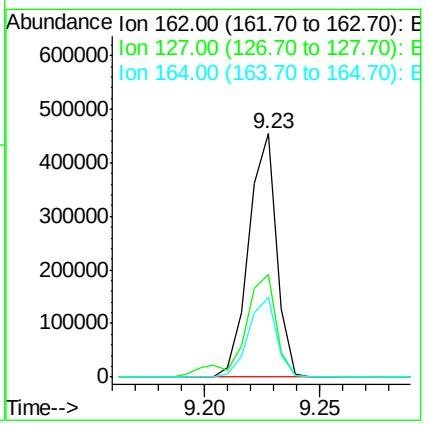


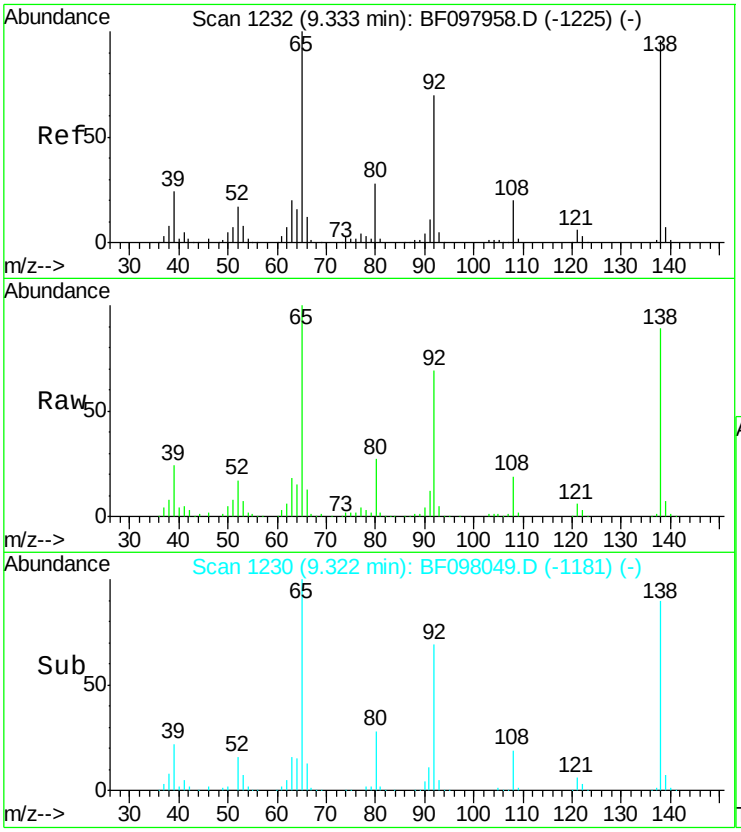


#46
2-Chloronaphthalene
Concen: 42.20 ng
RT: 9.23 min Scan# 1214
Delta R.T. -0.01 min
Lab File: BF098049.D
Acq: 26 Aug 2017 00:03

Tgt Ion:162 Resp: 383617

Ion	Ratio	Lower	Upper
162	100		
127	42.1	28.3	42.5
164	32.5	27.0	40.4



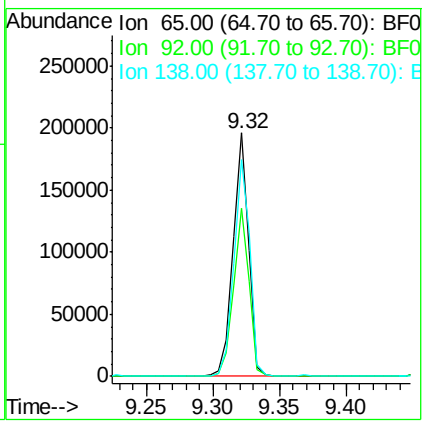


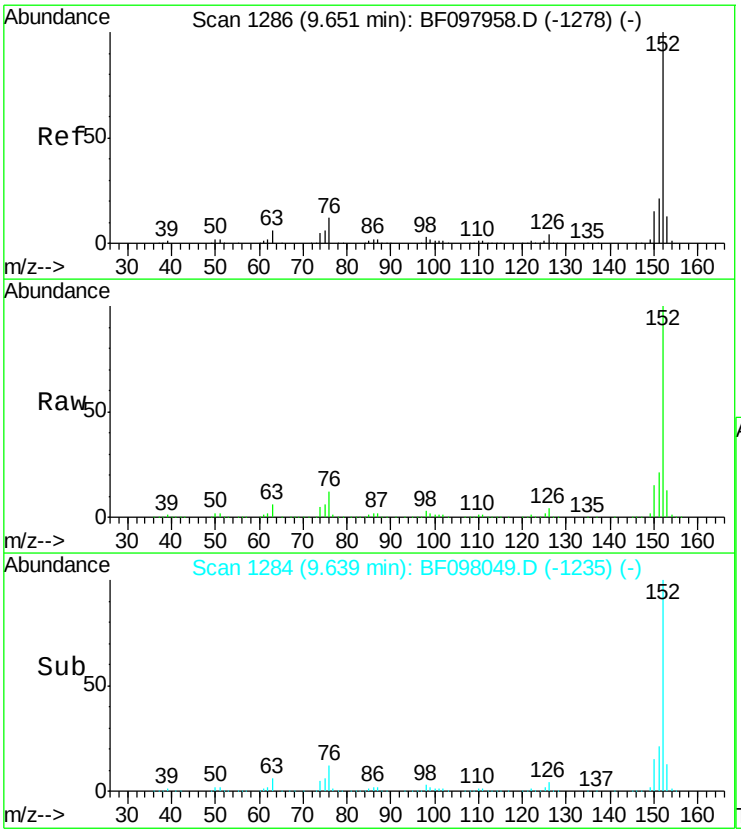
#47
2-Nitroaniline
Concen: 53.23 ng
RT: 9.32 min Scan# 1230
Delta R.T. -0.01 min
Lab File: BF098049.D
Acq: 26 Aug 2017 00:03

Instrument :
BNA_F
ClientSampleId :
IRON-LEAF-TOPSOILMS

Tgt Ion: 65 Resp: 162222

Ion	Ratio	Lower	Upper
65	100		
92	69.0	53.9	80.9
138	89.0	78.8	118.2

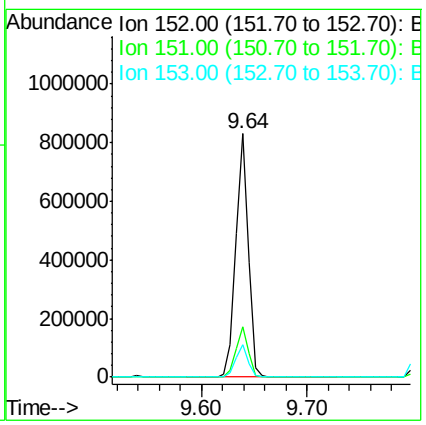


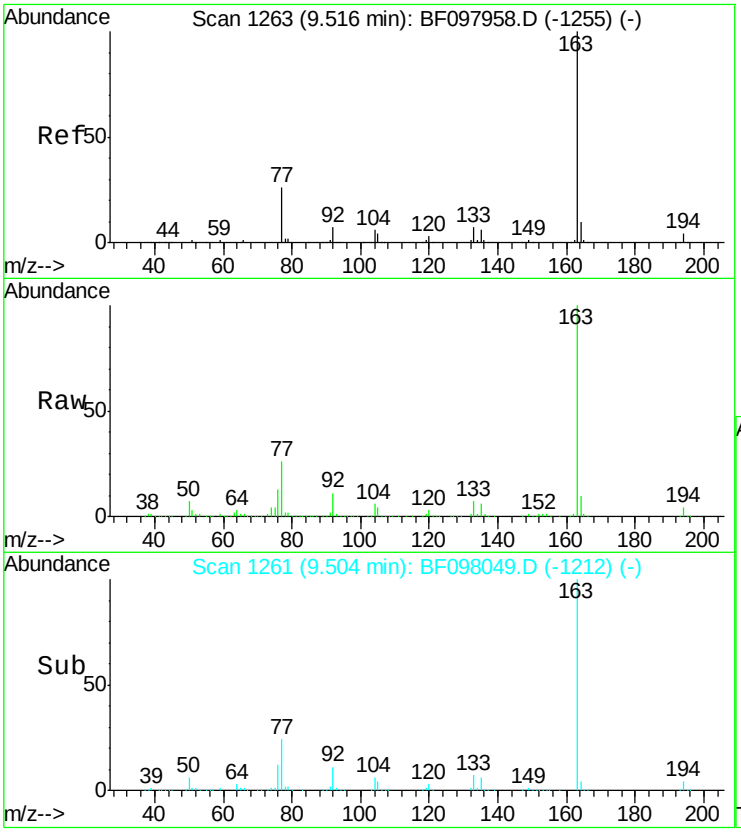


#48
Acenaphthylene
Concen: 46.46 ng
RT: 9.64 min Scan# 1284
Delta R.T. -0.01 min
Lab File: BF098049.D
Acq: 26 Aug 2017 00:03

Tgt Ion:152 Resp: 663199

Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.8	25.2
153	13.1	10.8	16.2



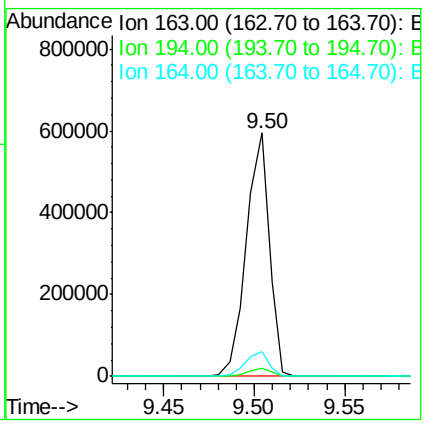


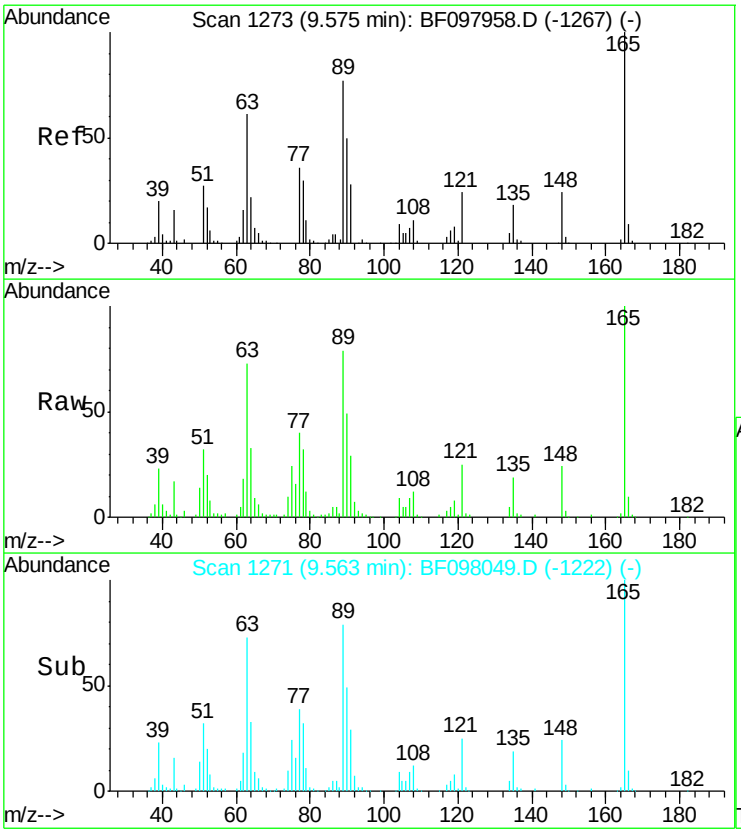
#49
Dimethylphthalate
Concen: 53.50 ng
RT: 9.50 min Scan# 1261
Delta R.T. -0.01 min
Lab File: BF098049.D
Acq: 26 Aug 2017 00:03

Instrument :
BNA_F
ClientSampleId :
IRON-LEAF-TOPSOILMS

Tgt Ion:163 Resp: 527601

Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.6	4.0
164	9.9	8.4	12.6

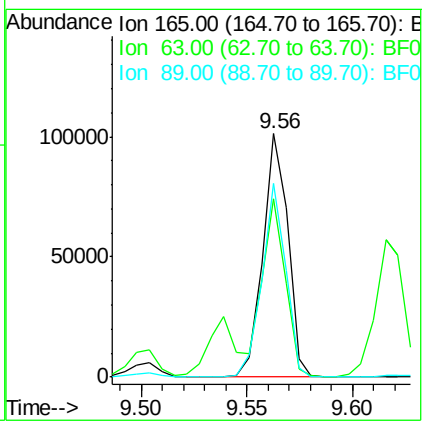


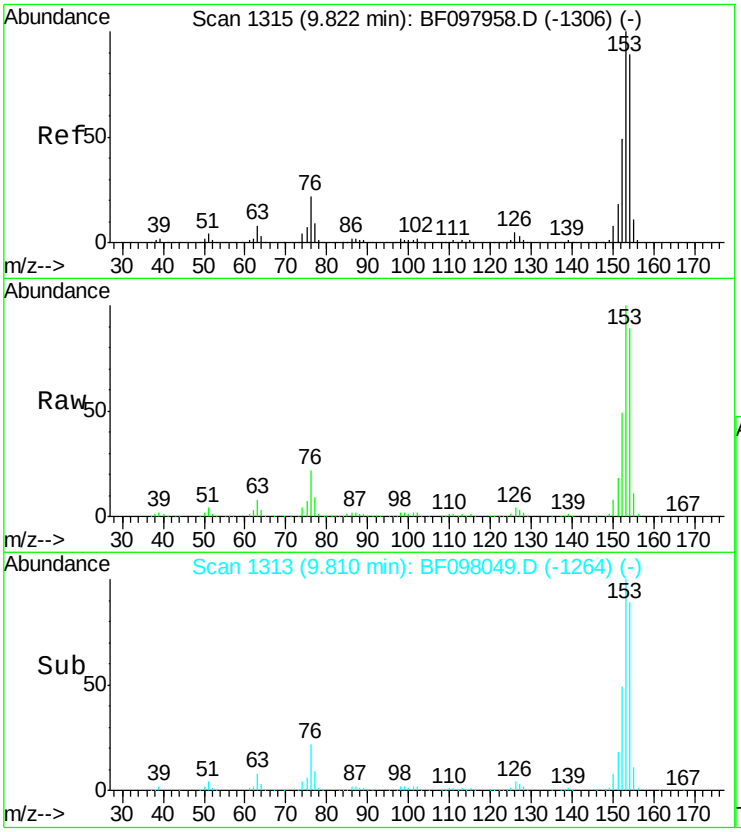


#50
2,6-Dinitrotoluene
Concen: 42.38 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.01 min
Lab File: BF098049.D
Acq: 26 Aug 2017 00:03

Tgt Ion:165 Resp: 83425

Ion	Ratio	Lower	Upper
165	100		
63	73.3	34.3	51.5#
89	79.3	37.1	55.7#



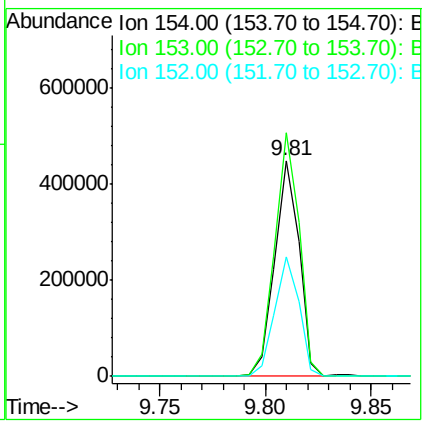


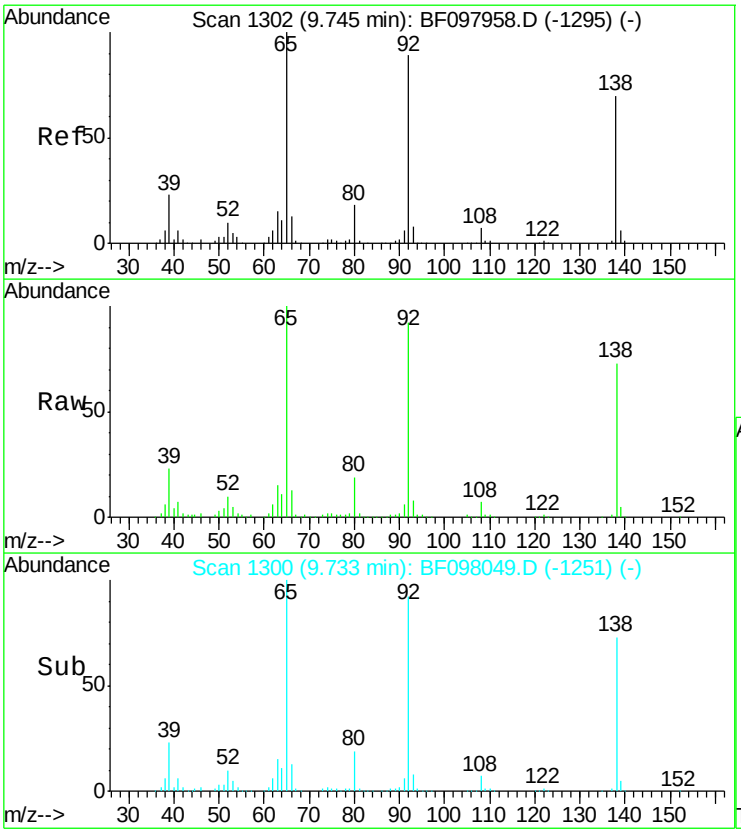
#51
Acenaphthene
Concen: 40.16 ng
RT: 9.81 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BF098049.D
Acq: 26 Aug 2017 00:03

Instrument :
BNA_F
ClientSampleId :
IRON-LEAF-TOPSOILMS

Tgt Ion:154 Resp: 361587

Ion	Ratio	Lower	Upper
154	100		
153	112.8	90.5	135.7
152	55.5	43.6	65.4

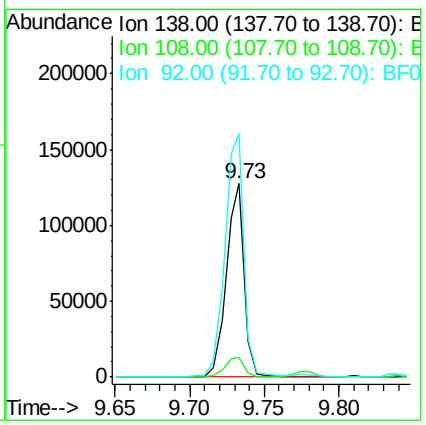


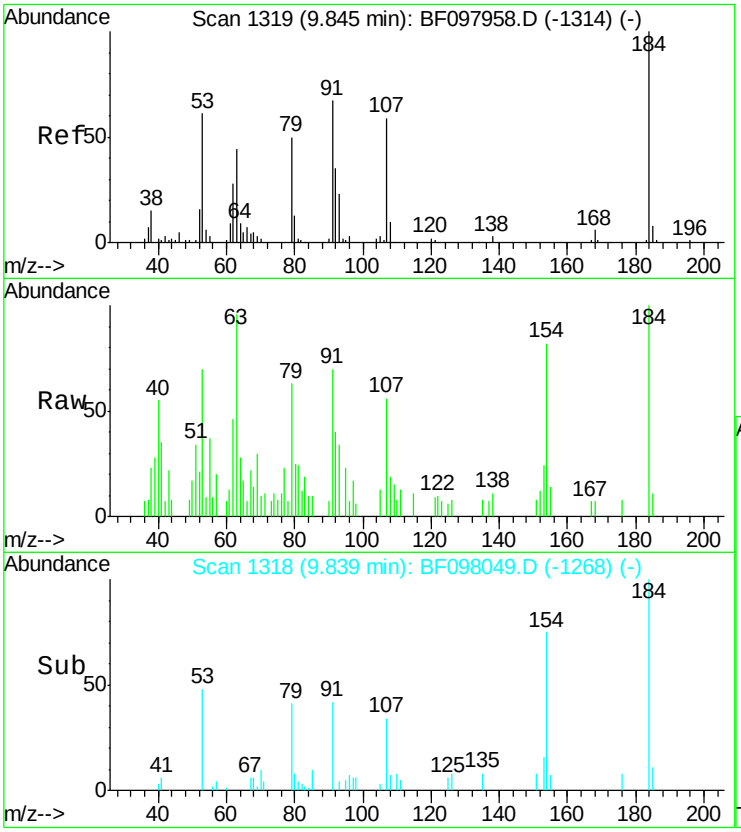


#52
3-Nitroaniline
Concen: 42.66 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BF098049.D
Acq: 26 Aug 2017 00:03

Tgt Ion:138 Resp: 108343

Ion	Ratio	Lower	Upper
138	100		
108	10.2	9.1	13.7
92	126.1	93.8	140.6



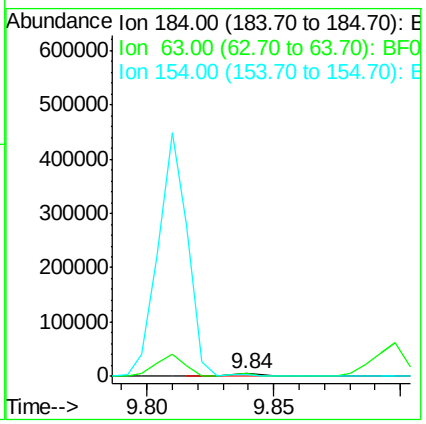


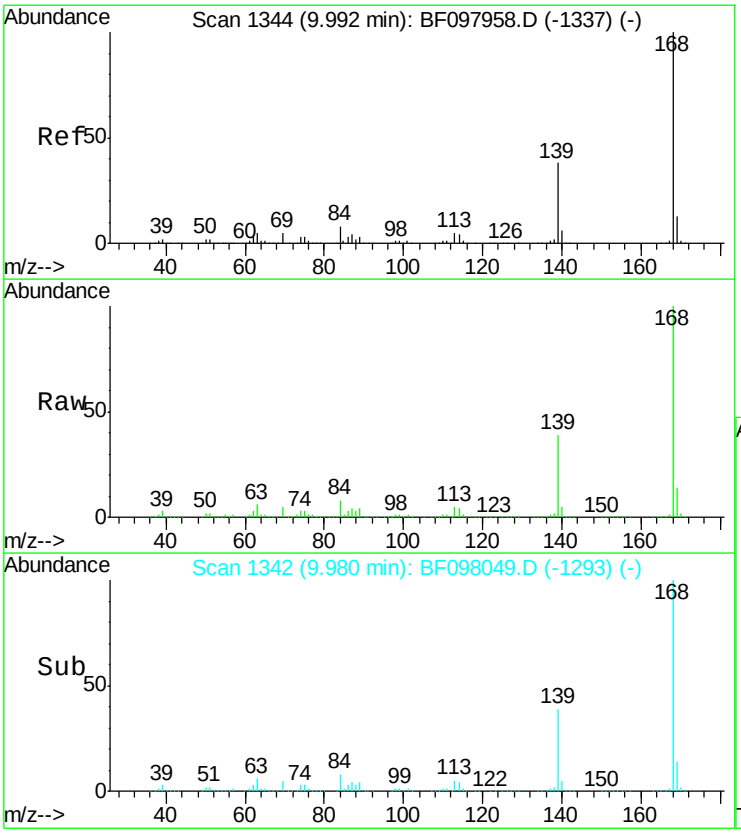
#53
2,4-Dinitrophenol
Concen: 14.56 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BF098049.D
Acq: 26 Aug 2017 00:03

Instrument :
BNA_F
ClientSampleId :
IRON-LEAF-TOPSOILMS

Tgt Ion:184 Resp: 4741

Ion	Ratio	Lower	Upper
184	100		
63	96.4	62.7	94.1#
154	82.1	81.1	121.7

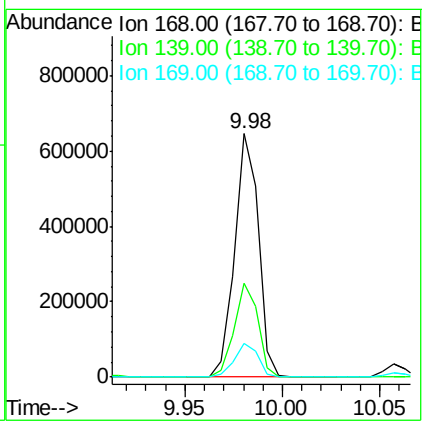


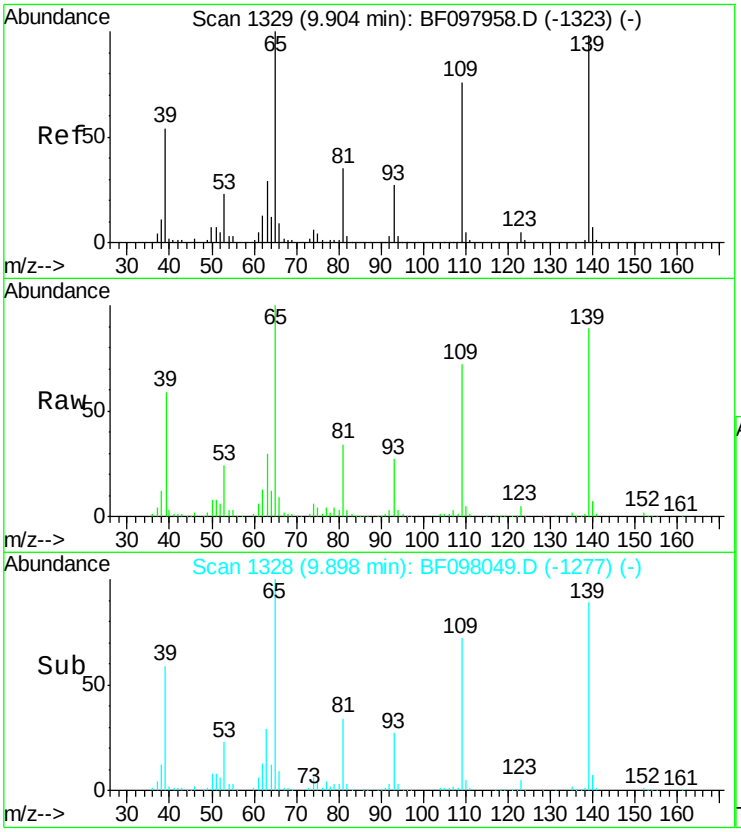


#54
Dibenzofuran
Concen: 44.97 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.01 min
Lab File: BF098049.D
Acq: 26 Aug 2017 00:03

Tgt Ion:168 Resp: 542589

Ion	Ratio	Lower	Upper
168	100		
139	38.8	30.6	45.8
169	13.9	10.8	16.2



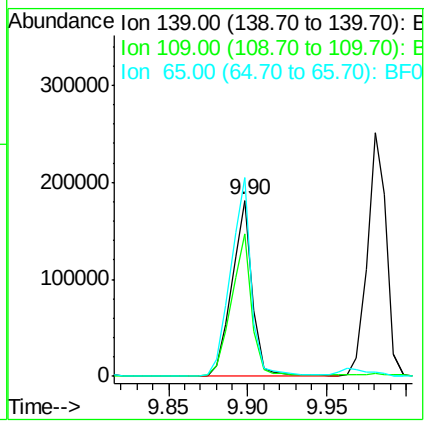


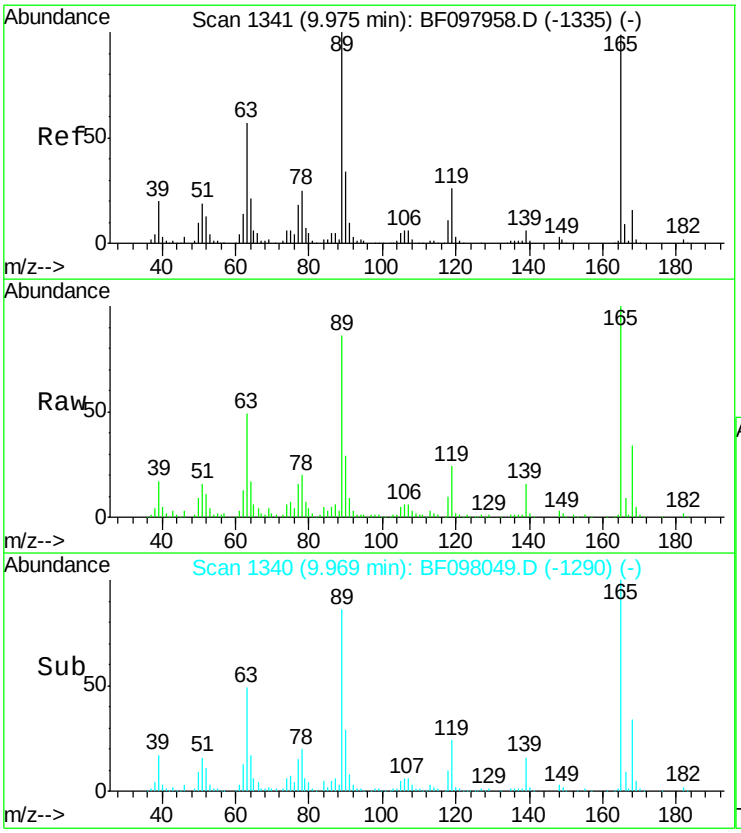
#55
4-Nitrophenol
Concen: 80.15 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.00 min
Lab File: BF098049.D
Acq: 26 Aug 2017 00:03

Instrument :
BNA_F
ClientSampleId :
IRON-LEAF-TOPSOILMS

Tgt Ion:139 Resp: 162399

Ion	Ratio	Lower	Upper
139	100		
109	81.0	34.1	74.1#
65	112.6	31.4	71.4#

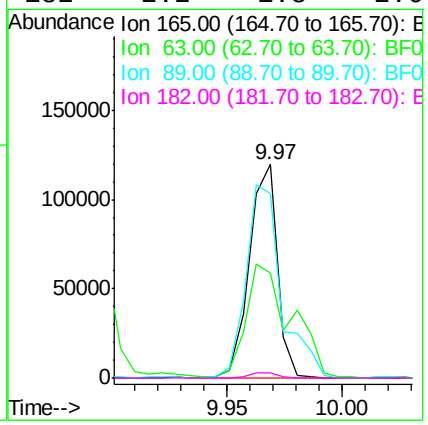


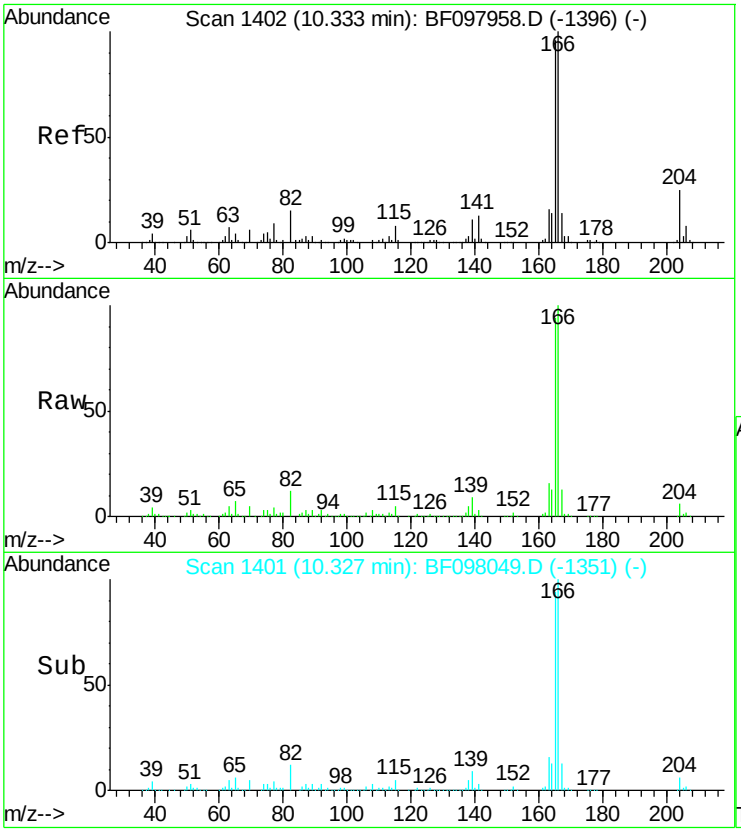


#56
2,4-Dinitrotoluene
Concen: 41.46 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF098049.D
Acq: 26 Aug 2017 00:03

Tgt Ion:165 Resp: 102438

Ion	Ratio	Lower	Upper
165	100		
63	49.2	25.4	38.0#
89	86.1	46.4	69.6#
182	2.2	1.8	2.6



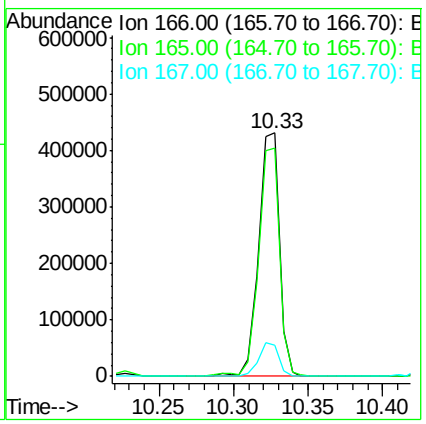


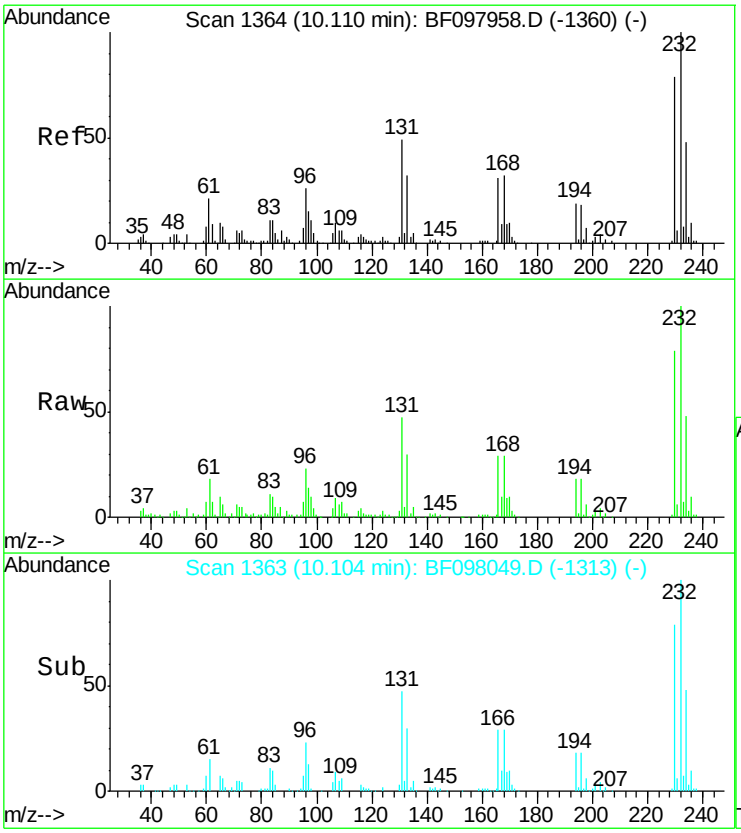
#57
Fluorene
Concen: 44.12 ng
RT: 10.33 min Scan# 1401
Delta R.T. -0.01 min
Lab File: BF098049.D
Acq: 26 Aug 2017 00:03

Instrument :
BNA_F
ClientSampleId :
IRON-LEAF-TOPSOILMS

Tgt Ion:166 Resp: 411588

Ion	Ratio	Lower	Upper
166	100		
165	93.6	78.8	118.2
167	13.0	10.6	16.0

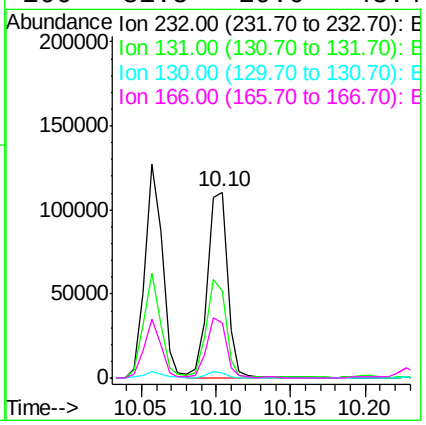


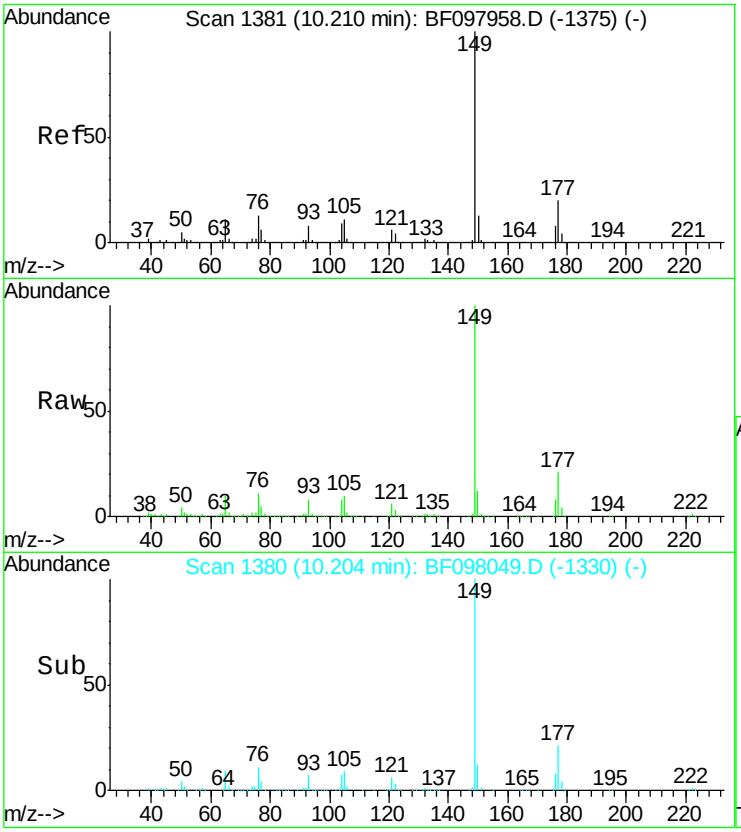


#58
2,3,4,6-Tetrachlorophenol
Concen: 48.77 ng
RT: 10.10 min Scan# 1363
Delta R.T. -0.01 min
Lab File: BF098049.D
Acq: 26 Aug 2017 00:03

Tgt Ion:232 Resp: 104140

Ion	Ratio	Lower	Upper
232	100		
131	52.9	44.8	67.2
130	2.9	2.3	3.5
166	31.5	29.0	43.4



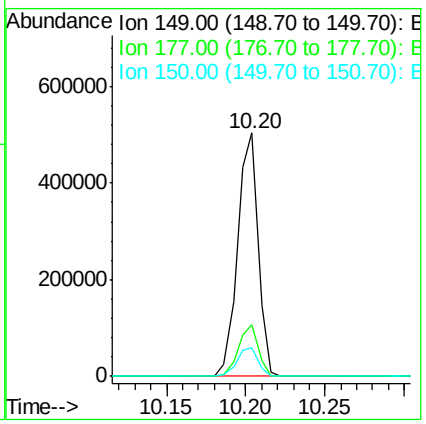


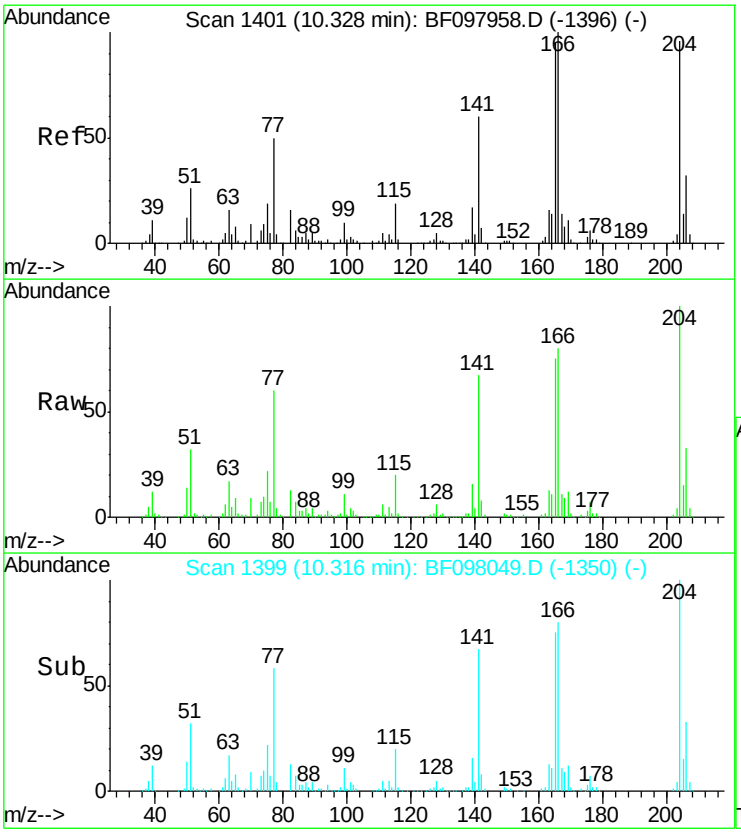
#59
Diethylphthalate
Concen: 43.63 ng
RT: 10.20 min Scan# 1380
Delta R.T. -0.01 min
Lab File: BF098049.D
Acq: 26 Aug 2017 00:03

Instrument :
BNA_F
ClientSampleId :
IRON-LEAF-TOPSOILMS

Tgt Ion:149 Resp: 450004

Ion	Ratio	Lower	Upper
149	100		
177	21.4	16.7	25.1
150	11.8	10.2	15.2

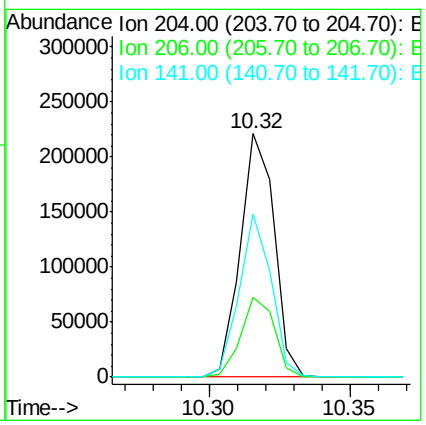


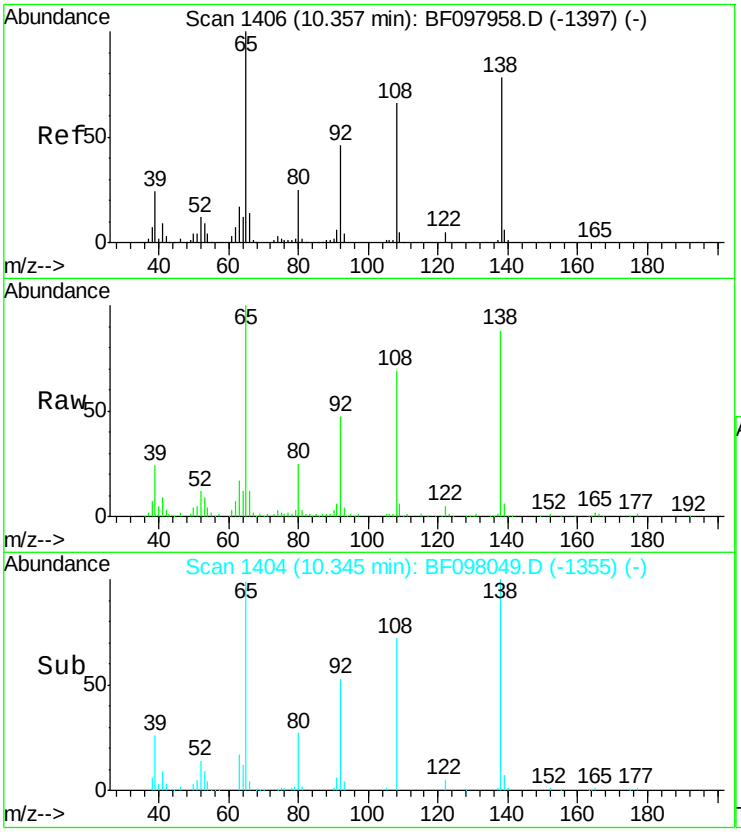


#60
4-Chlorophenyl-phenylether
Concen: 42.53 ng
RT: 10.32 min Scan# 1399
Delta R.T. -0.01 min
Lab File: BF098049.D
Acq: 26 Aug 2017 00:03

Tgt Ion:204 Resp: 184351

Ion	Ratio	Lower	Upper
204	100		
206	32.6	26.2	39.2
141	66.7	60.8	91.2



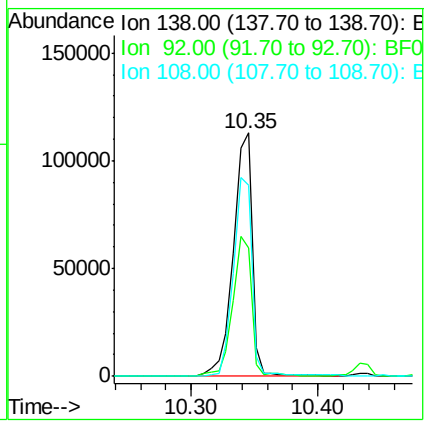


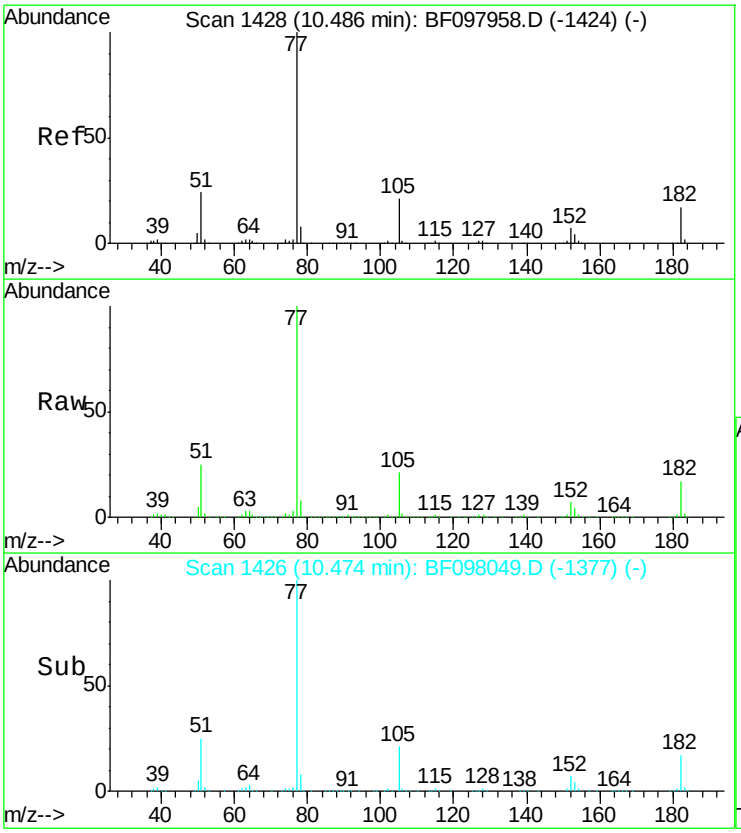
#61
4-Nitroaniline
Concen: 48.12 ng
RT: 10.35 min Scan# 1404
Delta R.T. -0.01 min
Lab File: BF098049.D
Acq: 26 Aug 2017 00:03

Instrument :
BNA_F
ClientSampleId :
IRON-LEAF-TOPSOILMS

Tgt Ion:138 Resp: 116166

Ion	Ratio	Lower	Upper
138	100		
92	52.8	21.8	61.8
108	78.5	42.3	82.3

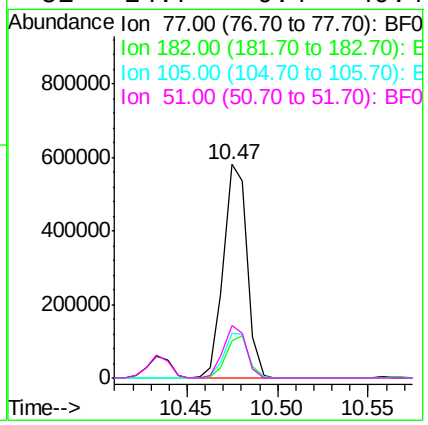


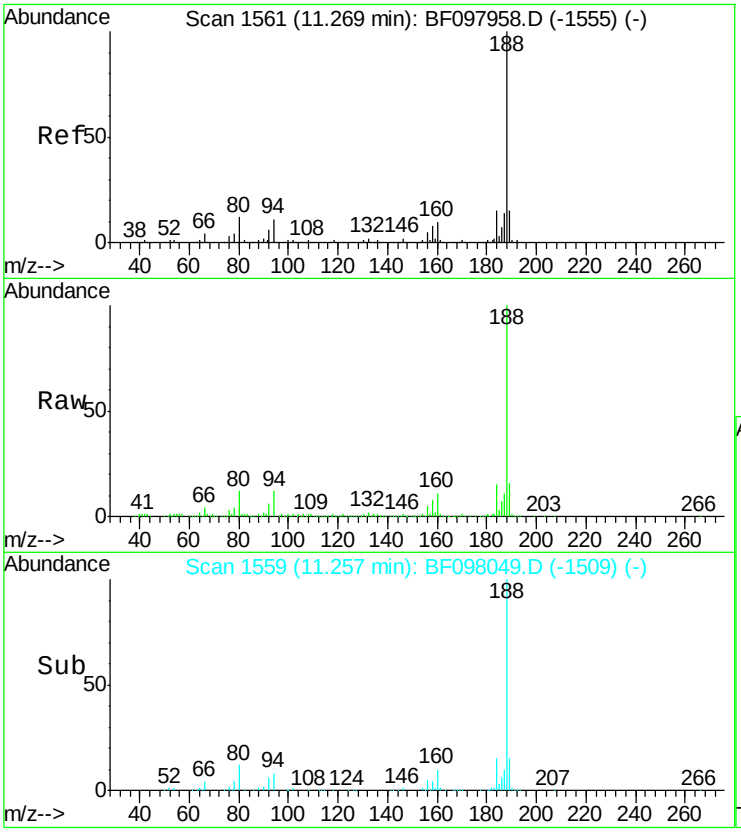


#62
Azobenzene
Concen: 42.85 ng
RT: 10.47 min Scan# 1426
Delta R.T. -0.01 min
Lab File: BF098049.D
Acq: 26 Aug 2017 00:03

Tgt Ion: 77 Resp: 524961

Ion	Ratio	Lower	Upper
77	100		
182	17.2	0.1	40.1
105	21.1	3.6	43.6
51	24.7	9.4	49.4



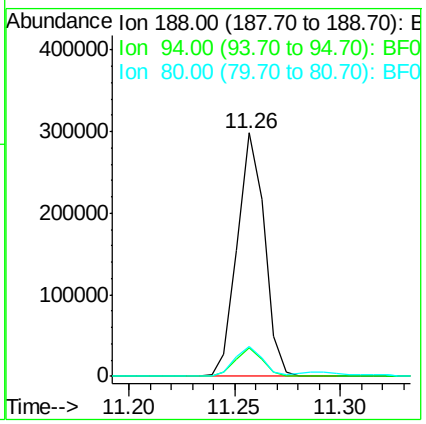


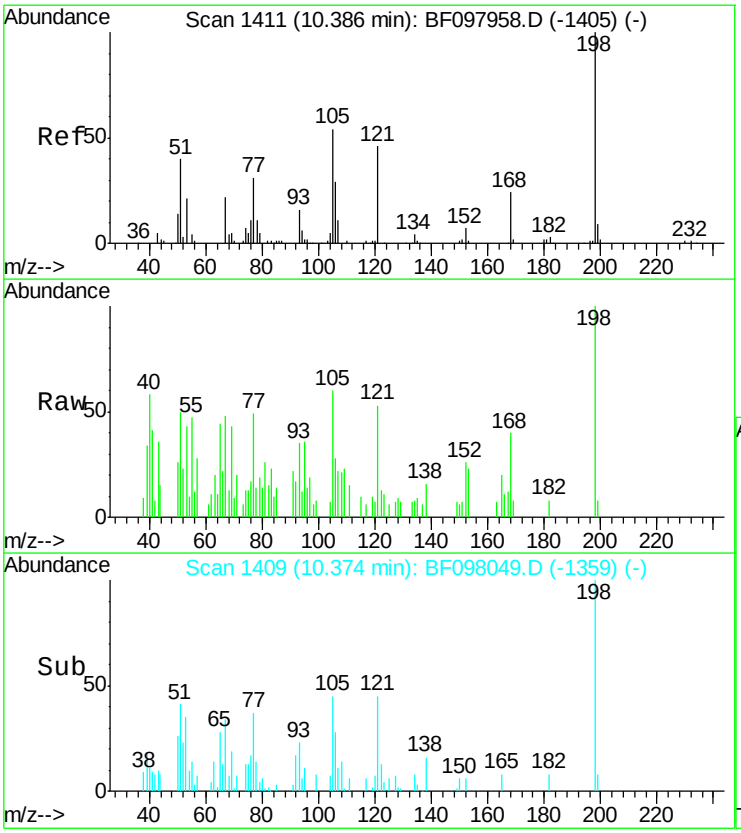
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.26 min Scan# 1559
Delta R.T. -0.01 min
Lab File: BF098049.D
Acq: 26 Aug 2017 00:03

Instrument :
BNA_F
ClientSampleId :
IRON-LEAF-TOPSOILMS

Tgt Ion:188 Resp: 266110

Ion	Ratio	Lower	Upper
188	100		
94	12.0	9.4	14.2
80	12.4	10.2	15.2

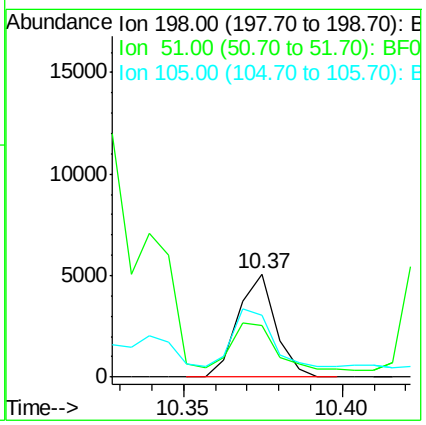


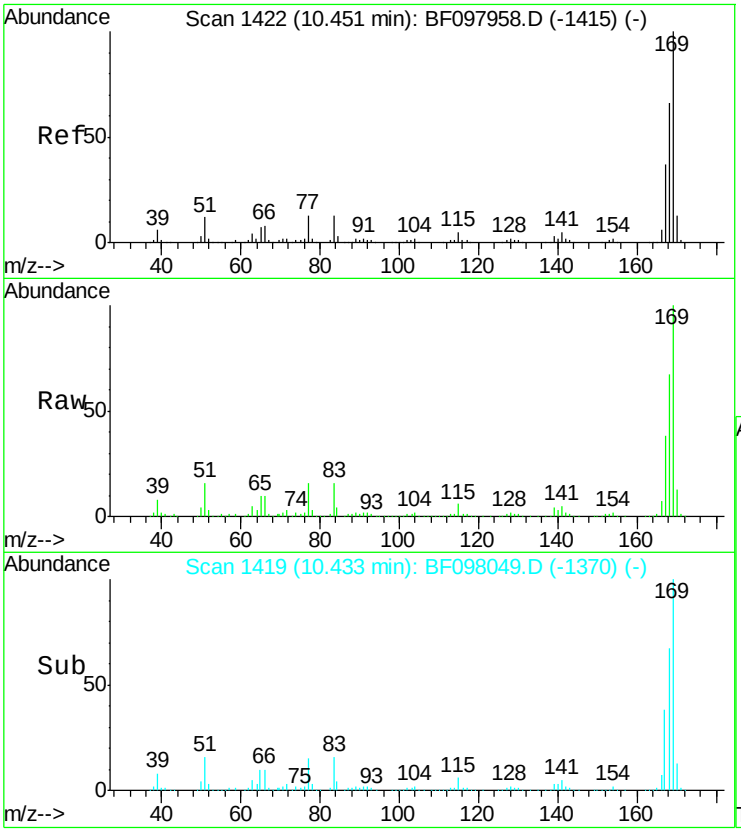


#64
4,6-Dinitro-2-methylphenol
Concen: 11.09 ng
RT: 10.37 min Scan# 1409
Delta R.T. -0.01 min
Lab File: BF098049.D
Acq: 26 Aug 2017 00:03

Tgt Ion:198 Resp: 4196

Ion	Ratio	Lower	Upper
198	100		
51	50.1	53.2	93.2#
105	60.1	45.8	85.8



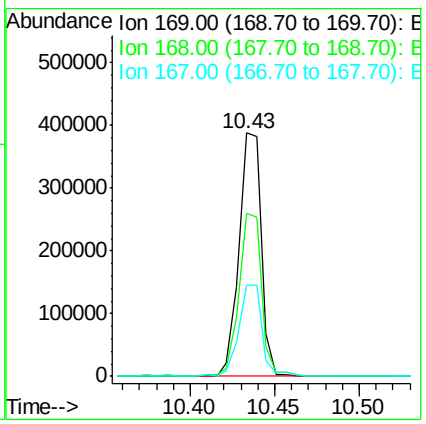


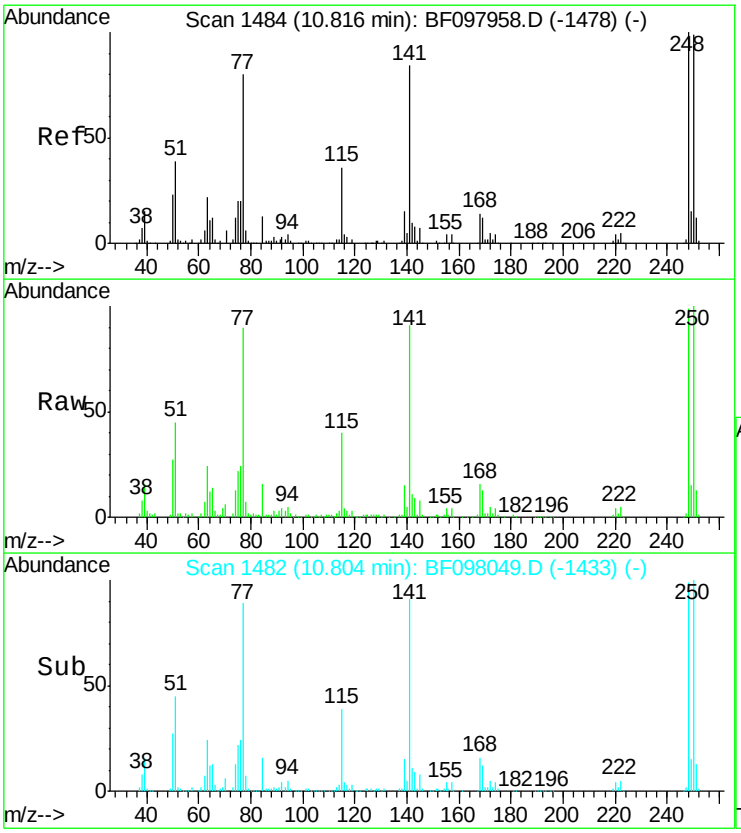
#65
n-Nitrosodiphenylamine
Concen: 39.46 ng
RT: 10.43 min Scan# 1419
Delta R.T. -0.01 min
Lab File: BF098049.D
Acq: 26 Aug 2017 00:03

Instrument :
BNA_F
ClientSampleId :
IRON-LEAF-TOPSOILMS

Tgt Ion:169 Resp: 357536

Ion	Ratio	Lower	Upper
169	100		
168	66.7	53.2	79.8
167	37.7	29.5	44.3

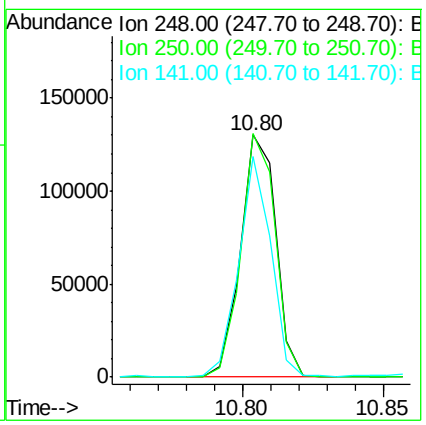


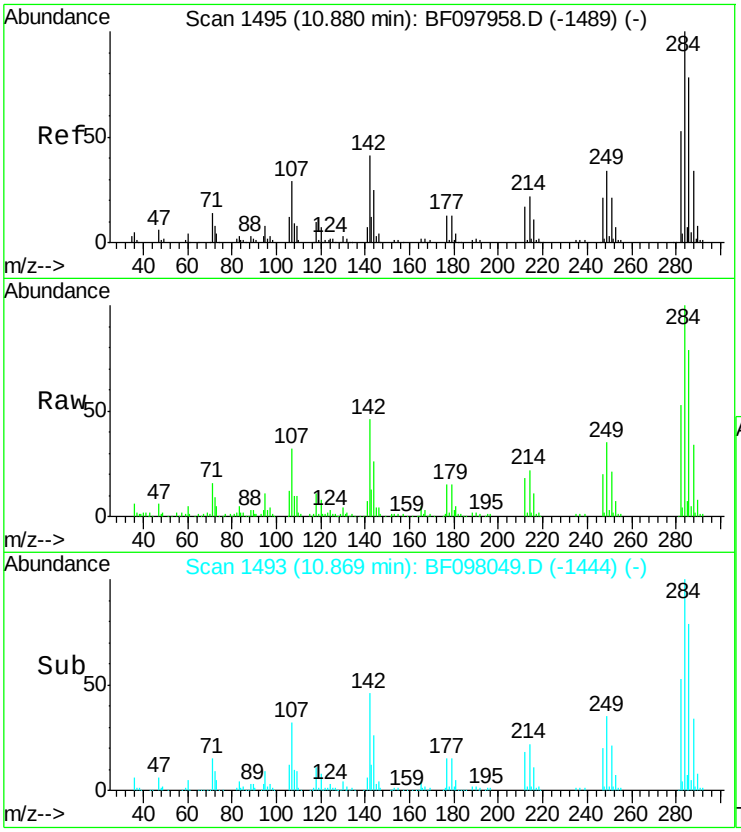


#66
4-Bromophenyl-phenylether
Concen: 40.78 ng
RT: 10.80 min Scan# 1482
Delta R.T. -0.01 min
Lab File: BF098049.D
Acq: 26 Aug 2017 00:03

Tgt Ion:248 Resp: 112689

Ion	Ratio	Lower	Upper
248	100		
250	100.6	76.8	115.2
141	91.1	68.6	103.0



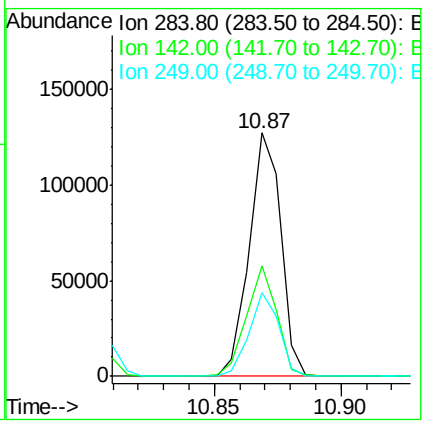


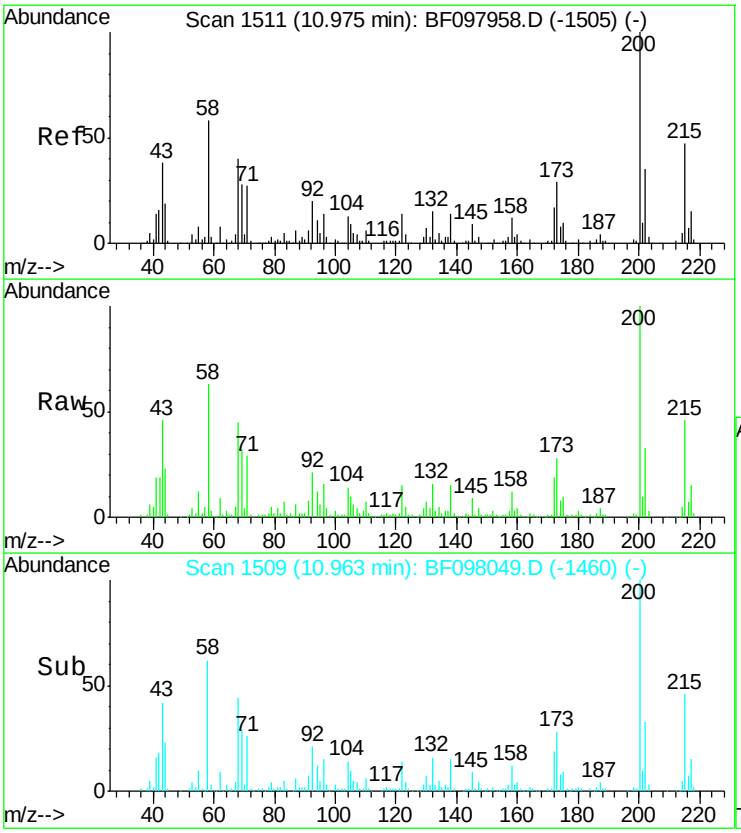
#67
Hexachlorobenzene
Concen: 39.26 ng
RT: 10.87 min Scan# 1493
Delta R.T. -0.01 min
Lab File: BF098049.D
Acq: 26 Aug 2017 00:03

Instrument :
BNA_F
ClientSampleId :
IRON-LEAF-TOPSOILMS

Tgt Ion:284 Resp: 110594

Ion	Ratio	Lower	Upper
284	100		
142	45.5	22.8	34.2#
249	34.5	24.0	36.0

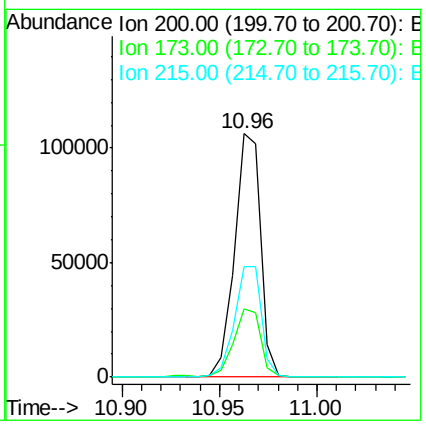


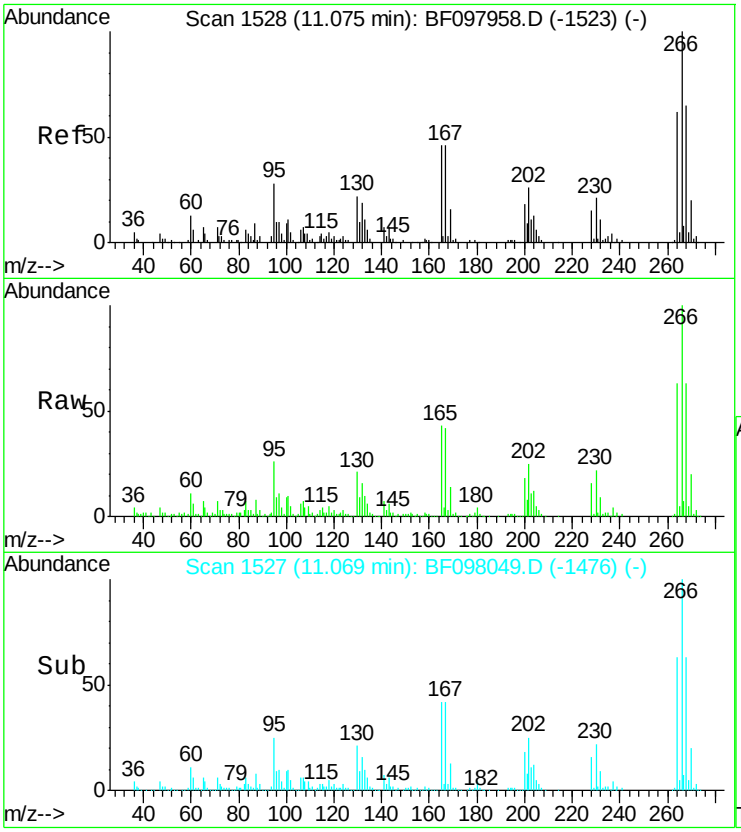


#68
Atrazine
Concen: 40.82 ng
RT: 10.96 min Scan# 1509
Delta R.T. -0.01 min
Lab File: BF098049.D
Acq: 26 Aug 2017 00:03

Tgt Ion:200 Resp: 98100

Ion	Ratio	Lower	Upper
200	100		
173	28.0	6.3	46.3
215	45.5	27.2	67.2



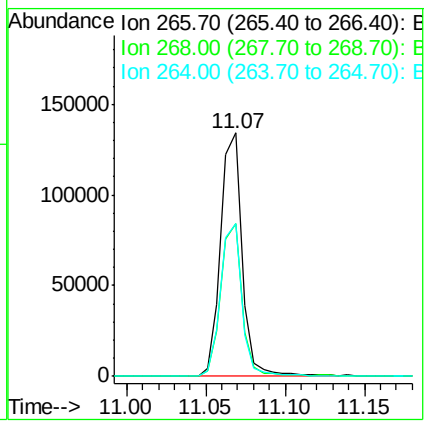


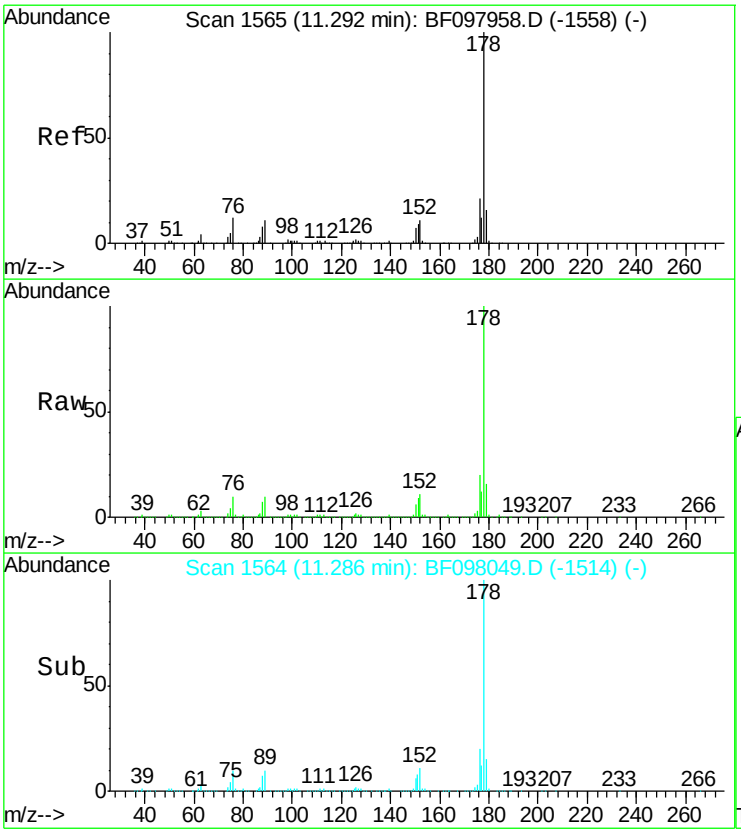
#69
Pentachlorophenol
Concen: 77.27 ng
RT: 11.07 min Scan# 1527
Delta R.T. -0.00 min
Lab File: BF098049.D
Acq: 26 Aug 2017 00:03

Instrument :
BNA_F
ClientSampleId :
IRON-LEAF-TOPSOILMS

Tgt Ion:266 Resp: 126897

Ion	Ratio	Lower	Upper
266	100		
268	62.8	51.1	76.7
264	62.8	51.7	77.5

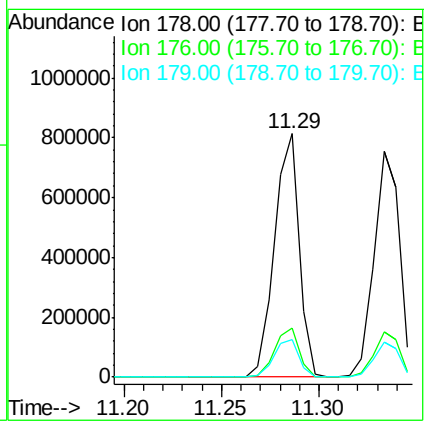


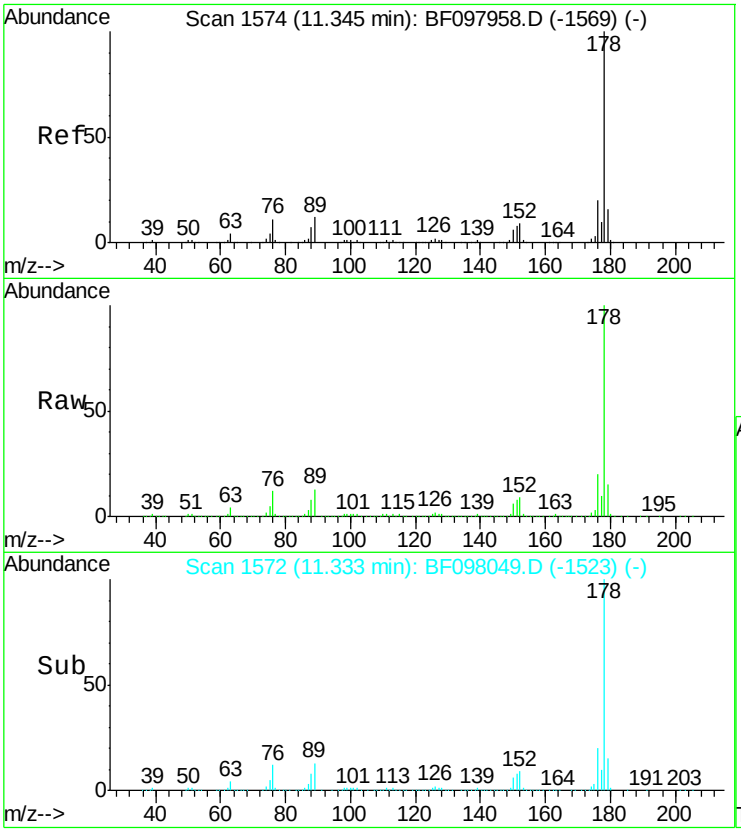


#70
Phenanthrene
Concen: 50.34 ng
RT: 11.29 min Scan# 1564
Delta R.T. -0.01 min
Lab File: BF098049.D
Acq: 26 Aug 2017 00:03

Tgt Ion:178 Resp: 713865

Ion	Ratio	Lower	Upper
178	100		
176	20.1	16.2	24.4
179	15.6	12.6	19.0



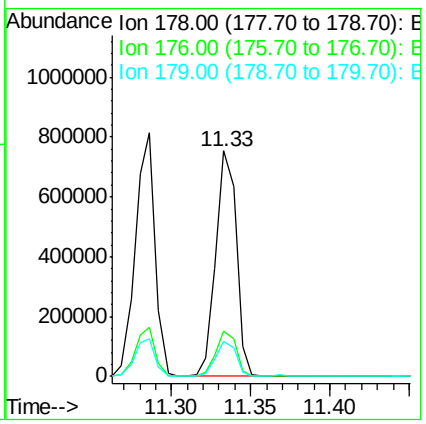


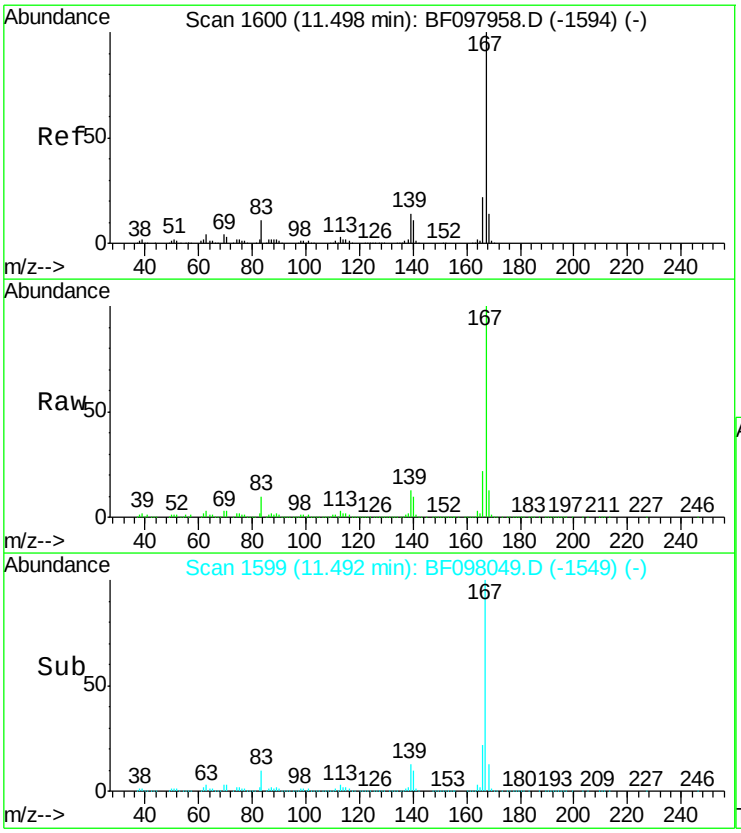
#71
Anthracene
Concen: 47.34 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.01 min
Lab File: BF098049.D
Acq: 26 Aug 2017 00:03

Instrument :
BNA_F
ClientSampleId :
IRON-LEAF-TOPSOILMS

Tgt Ion:178 Resp: 680838

Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.8	23.8
179	15.5	12.7	19.1

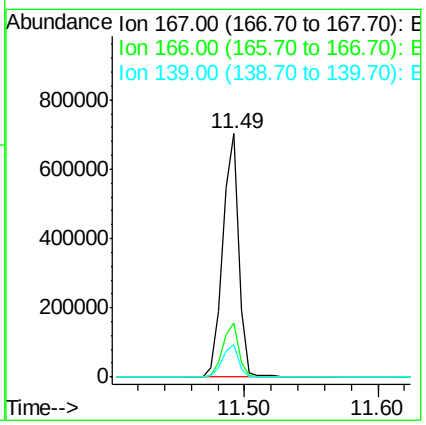


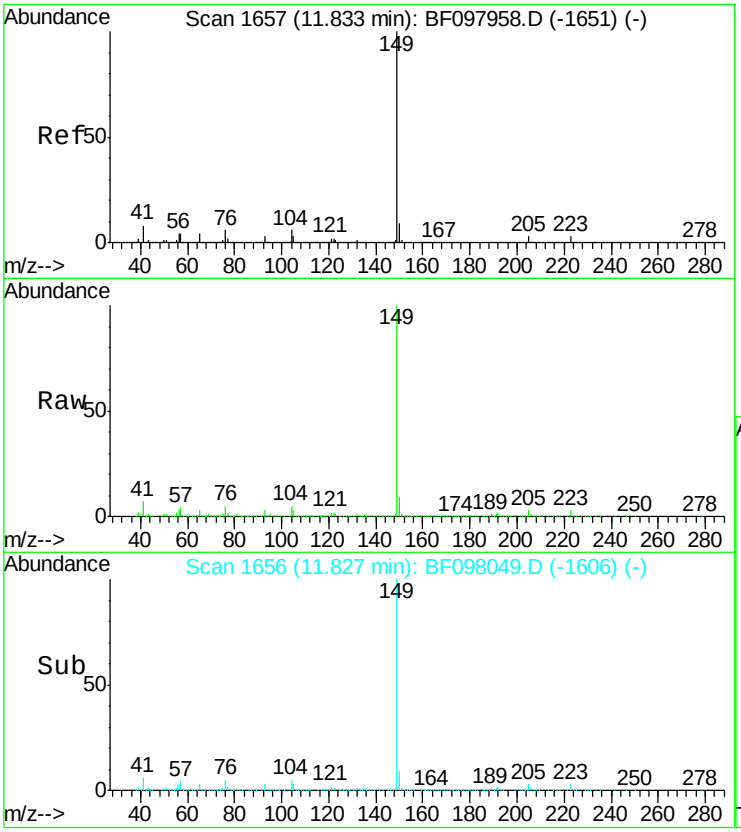


#72
Carbazole
Concen: 43.73 ng
RT: 11.49 min Scan# 1599
Delta R.T. -0.01 min
Lab File: BF098049.D
Acq: 26 Aug 2017 00:03

Tgt Ion:167 Resp: 596964

Ion	Ratio	Lower	Upper
167	100		
166	22.1	18.1	27.1
139	13.1	11.7	17.5



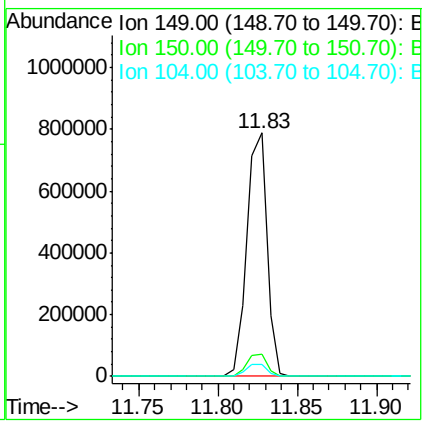


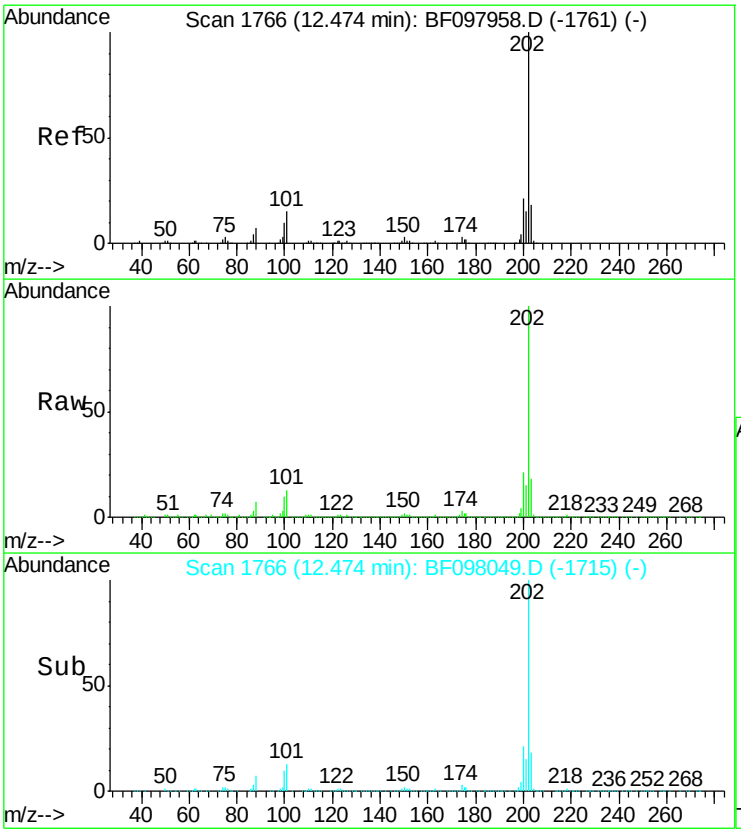
#73
Di-n-butylphthalate
Concen: 43.96 ng
RT: 11.83 min Scan# 1656
Delta R.T. -0.01 min
Lab File: BF098049.D
Acq: 26 Aug 2017 00:03

Instrument :
BNA_F
ClientSampleId :
IRON-LEAF-TOPSOILMS

Tgt Ion:149 Resp: 691334

Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.7	11.5
104	5.0	4.0	6.0

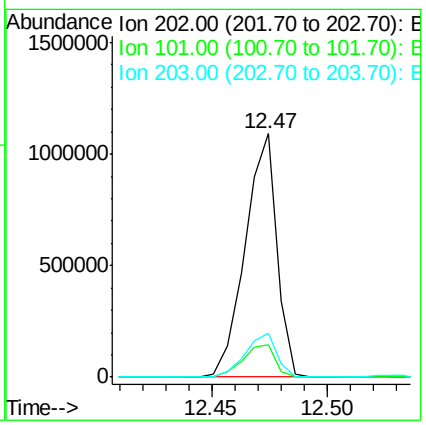


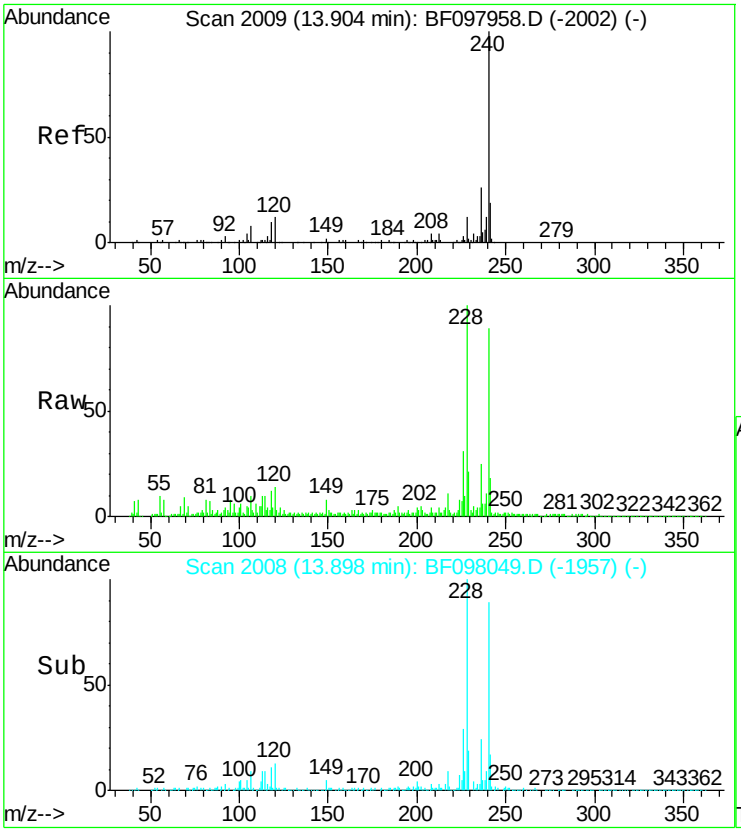


#74
Fluoranthene
Concen: 70.71 ng
RT: 12.47 min Scan# 1766
Delta R.T. -0.00 min
Lab File: BF098049.D
Acq: 26 Aug 2017 00:03

Tgt Ion:202 Resp: 1046601

Ion	Ratio	Lower	Upper
202	100		
101	13.2	0.0	33.2
203	18.2	0.0	38.1



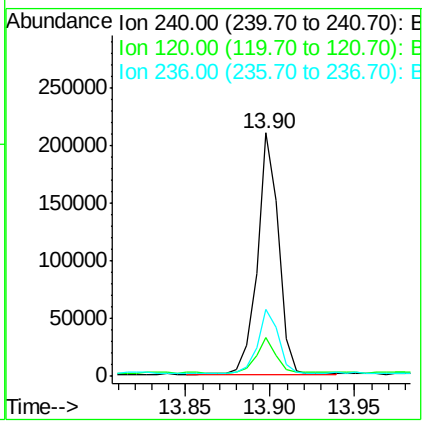


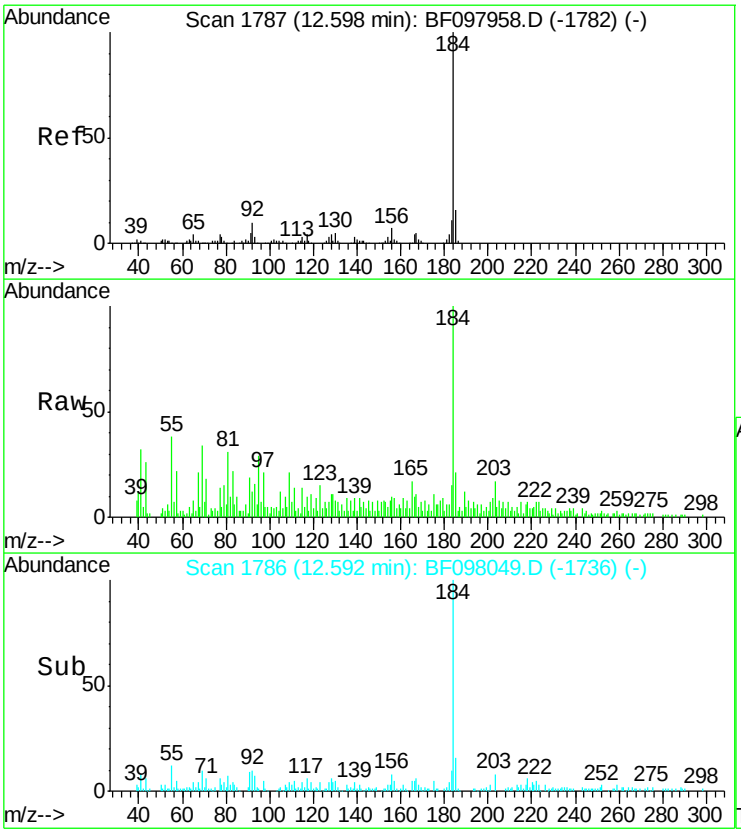
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.90 min Scan# 2008
Delta R.T. -0.00 min
Lab File: BF098049.D
Acq: 26 Aug 2017 00:03

Instrument :
BNA_F
ClientSampleId :
IRON-LEAF-TOPSOILMS

Tgt Ion:240 Resp: 181281

Ion	Ratio	Lower	Upper
240	100		
120	15.8	5.8	8.8#
236	27.5	20.5	30.7

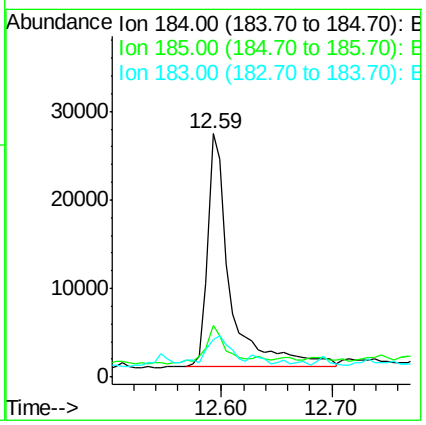


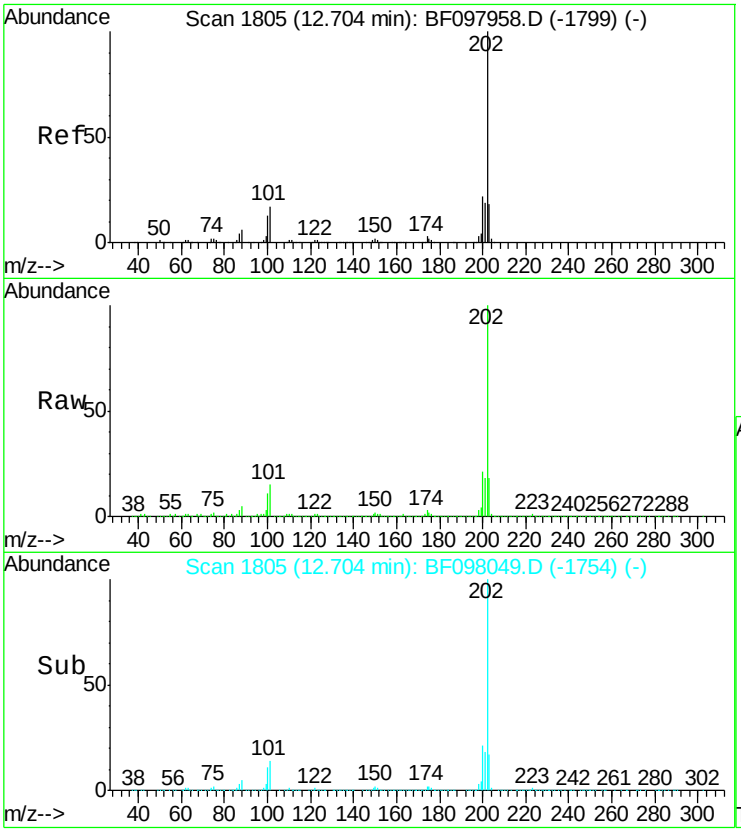


#76
Benzidine
Concen: 6.21 ng
RT: 12.59 min Scan# 1786
Delta R.T. -0.01 min
Lab File: BF098049.D
Acq: 26 Aug 2017 00:03

Tgt Ion:184 Resp: 36924

Ion	Ratio	Lower	Upper
184	100		
185	21.2	15.5	23.3
183	15.4	9.8	14.6#



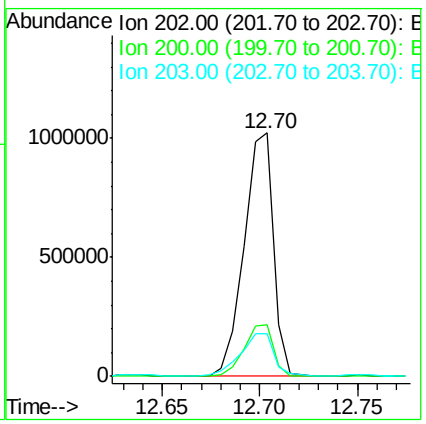


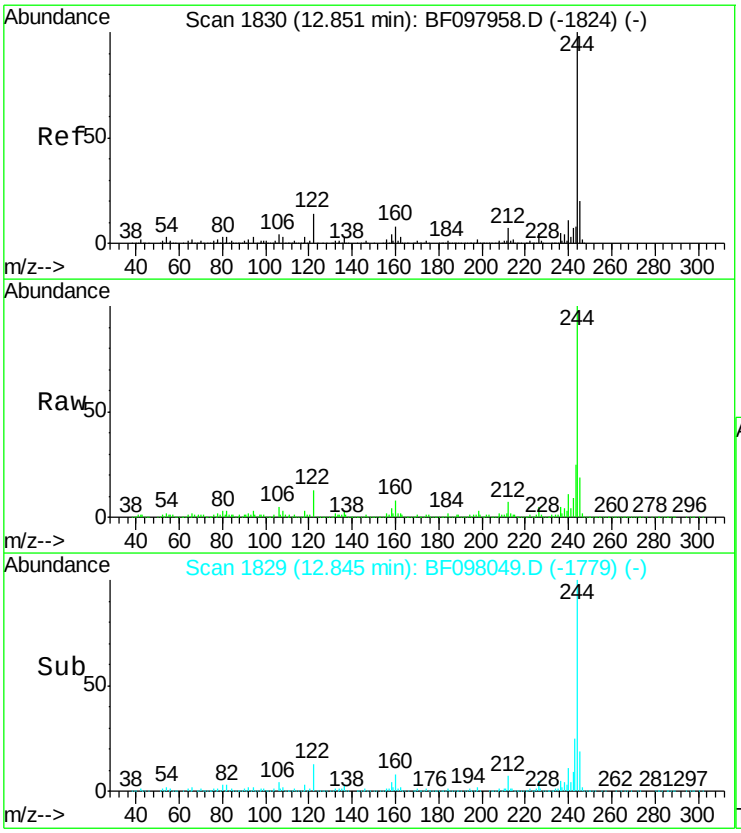
#77
Pyrene
Concen: 71.60 ng
RT: 12.70 min Scan# 1805
Delta R.T. -0.00 min
Lab File: BF098049.D
Acq: 26 Aug 2017 00:03

Instrument :
BNA_F
ClientSampleId :
IRON-LEAF-TOPSOILMS

Tgt Ion:202 Resp: 1061658

Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.6	26.4
203	17.7	14.4	21.6

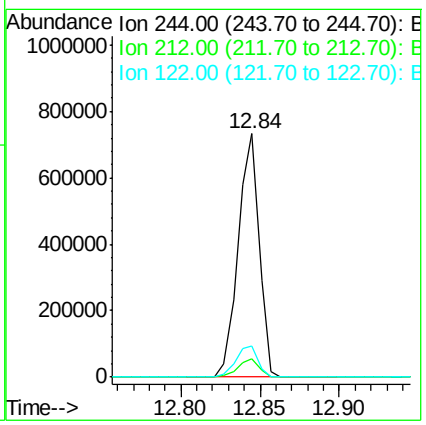


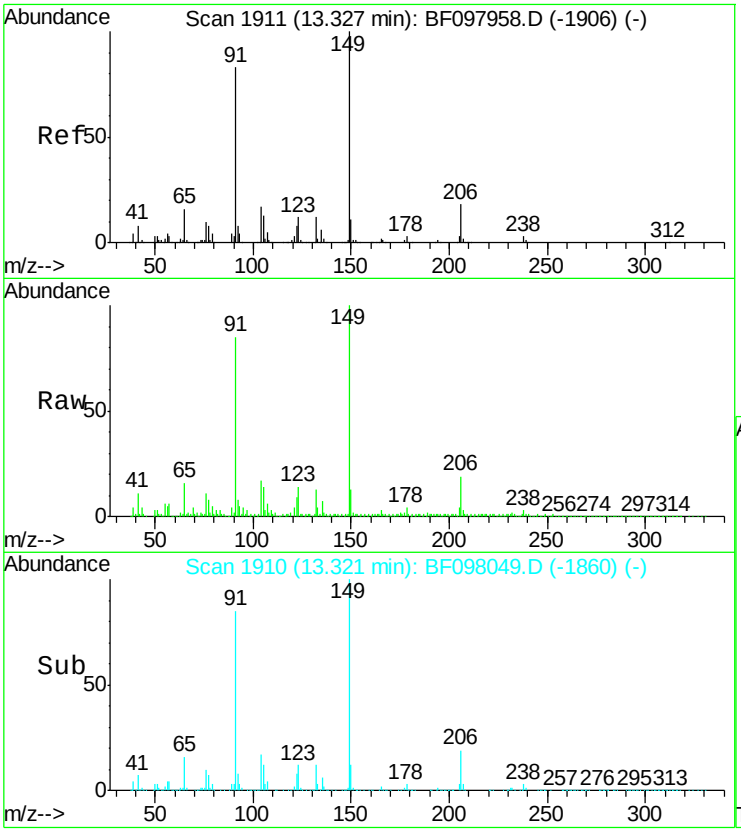


#78
Terphenyl-d14
Concen: 77.23 ng
RT: 12.84 min Scan# 1829
Delta R.T. -0.01 min
Lab File: BF098049.D
Acq: 26 Aug 2017 00:03

Tgt Ion:244 Resp: 671377

Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.0	9.0
122	12.8	10.3	15.5



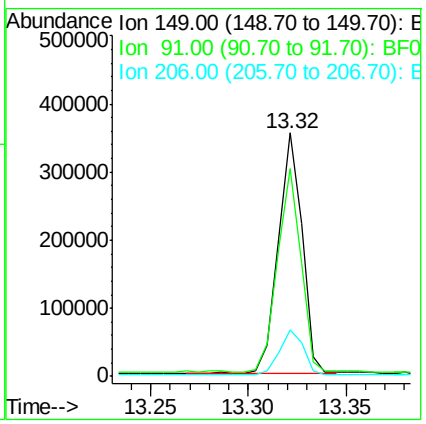


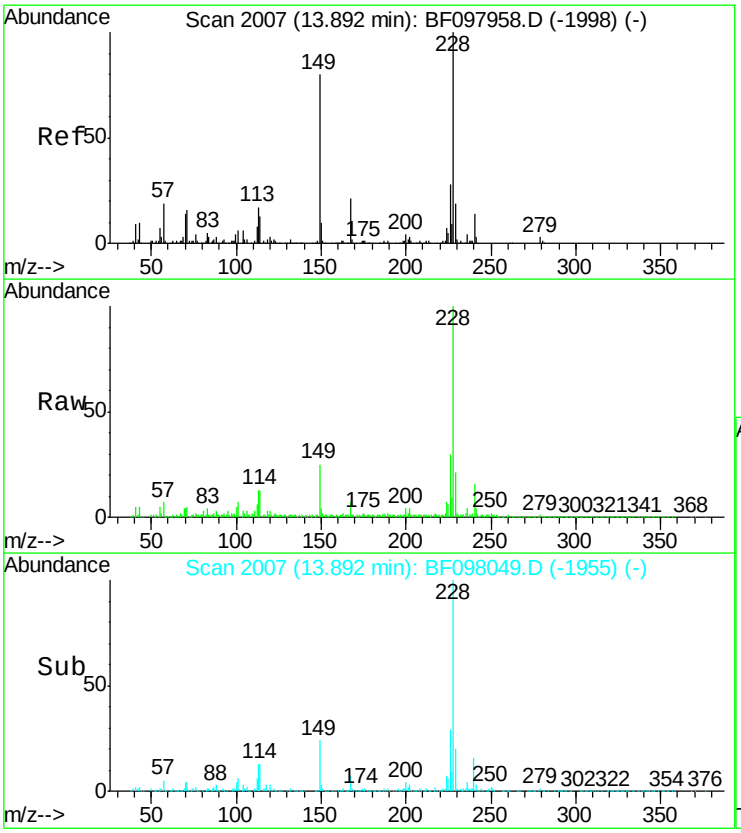
#79
Butylbenzylphthalate
Concen: 52.71 ng
RT: 13.32 min Scan# 1910
Delta R.T. -0.01 min
Lab File: BF098049.D
Acq: 26 Aug 2017 00:03

Instrument :
BNA_F
ClientSampleId :
IRON-LEAF-TOPSOILMS

Tgt Ion:149 Resp: 299623

Ion	Ratio	Lower	Upper
149	100		
91	85.1	45.0	67.4#
206	18.8	17.0	25.6

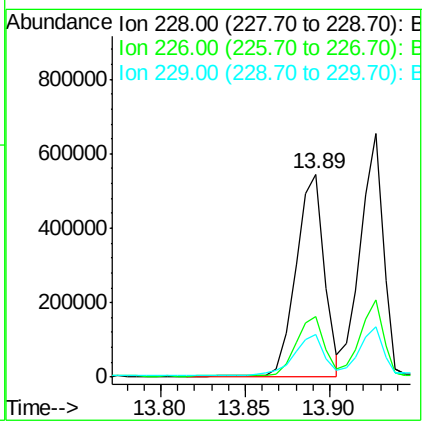


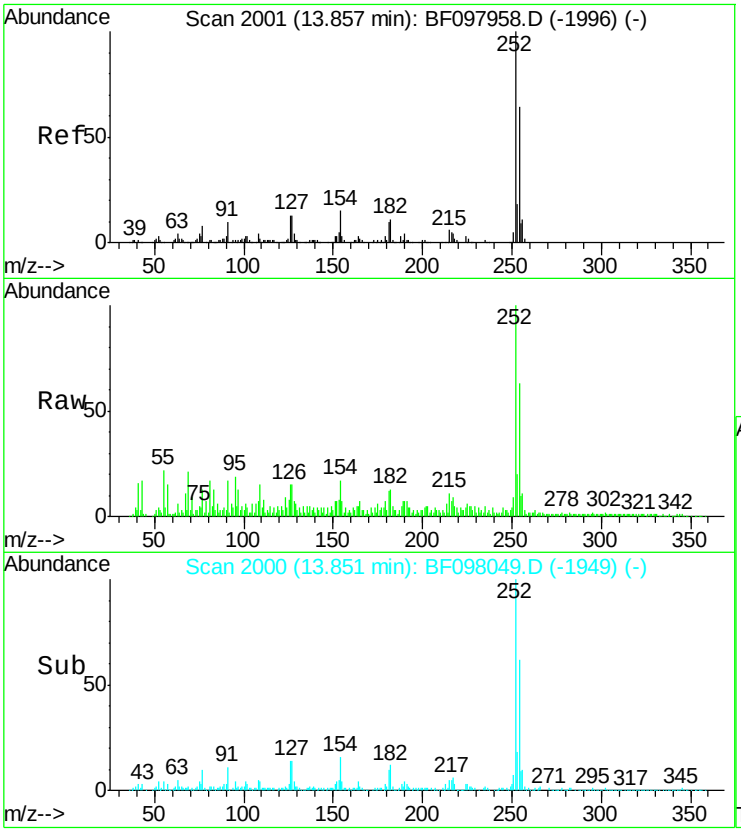


#80
Benzo(a)anthracene
Concen: 57.66 ng
RT: 13.89 min Scan# 2007
Delta R.T. 0.01 min
Lab File: BF098049.D
Acq: 26 Aug 2017 00:03

Tgt Ion:228 Resp: 626496

Ion	Ratio	Lower	Upper
228	100		
226	30.0	22.6	33.8
229	21.2	16.3	24.5



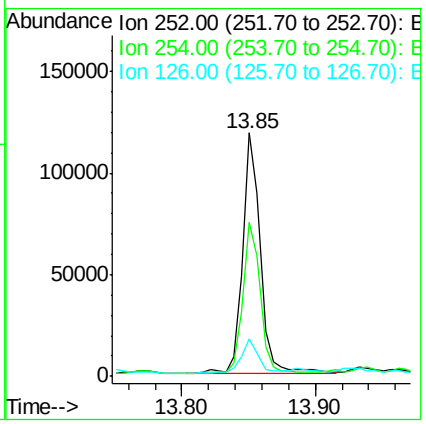


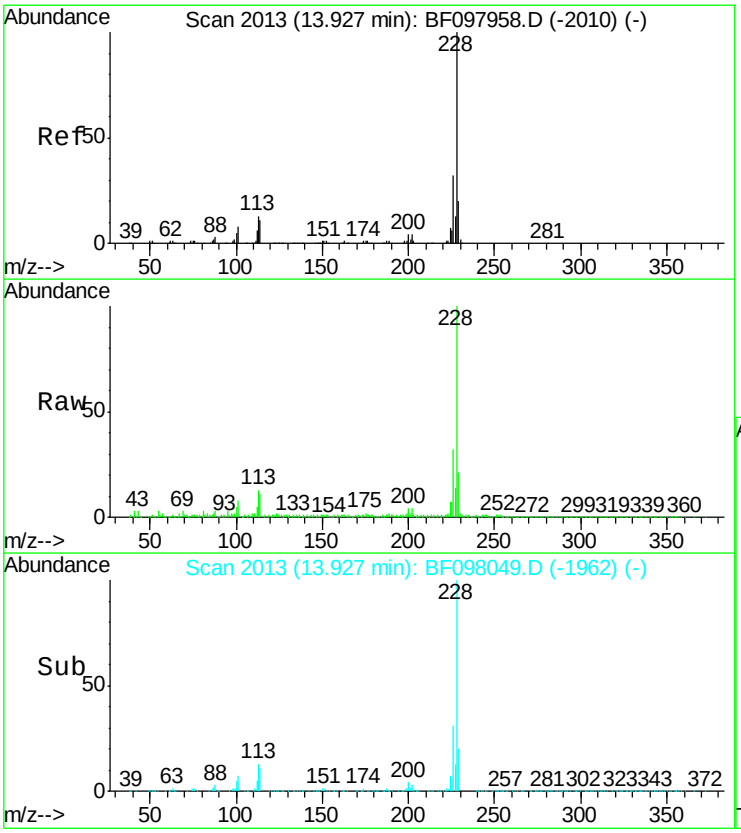
#81
3,3'-Dichlorobenzidine
Concen: 29.59 ng
RT: 13.85 min Scan# 2000
Delta R.T. -0.00 min
Lab File: BF098049.D
Acq: 26 Aug 2017 00:03

Instrument :
BNA_F
ClientSampleId :
IRON-LEAF-TOPSOILMS

Tgt Ion:252 Resp: 108500

Ion	Ratio	Lower	Upper
252	100		
254	63.1	51.5	77.3
126	15.2	15.8	23.8#

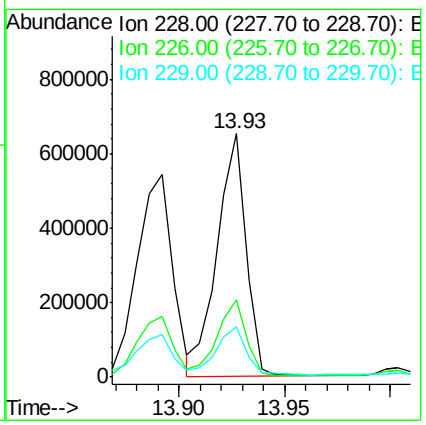


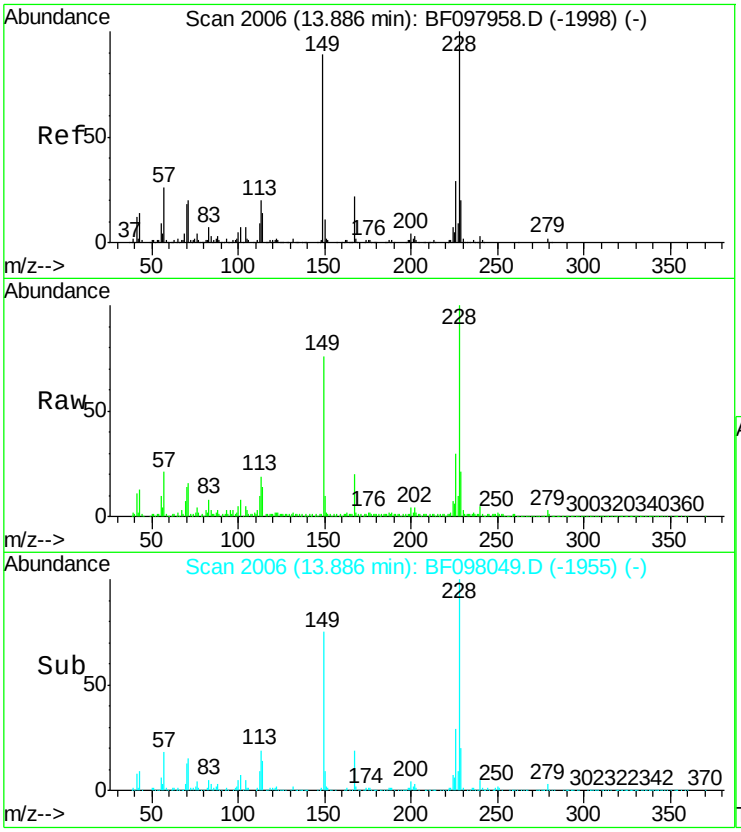


#82
Chrysene
Concen: 56.98 ng
RT: 13.93 min Scan# 2013
Delta R.T. -0.00 min
Lab File: BF098049.D
Acq: 26 Aug 2017 00:03

Tgt Ion:228 Resp: 615889

Ion	Ratio	Lower	Upper
228	100		
226	31.8	24.9	37.3
229	20.6	15.8	23.6



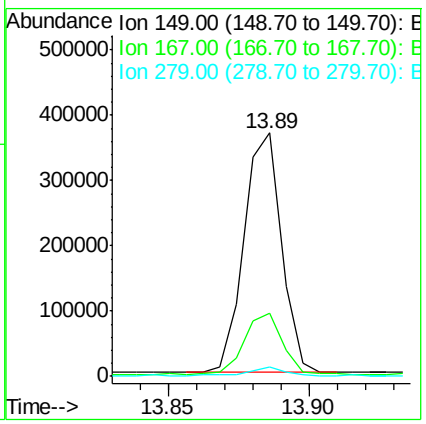


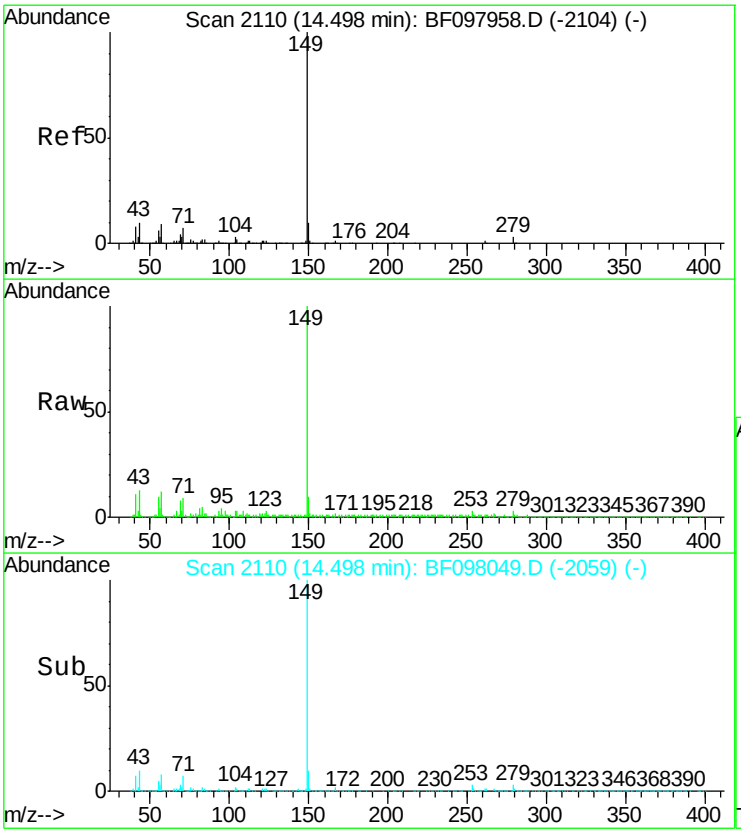
#83
Bis(2-ethylhexyl)phthalate
Concen: 53.64 ng
RT: 13.89 min Scan# 2006
Delta R.T. -0.00 min
Lab File: BF098049.D
Acq: 26 Aug 2017 00:03

Instrument :
BNA_F
ClientSampleId :
IRON-LEAF-TOPSOILMS

Tgt Ion:149 Resp: 337905

Ion	Ratio	Lower	Upper
149	100		
167	26.2	21.0	31.4
279	3.7	1.9	2.9#

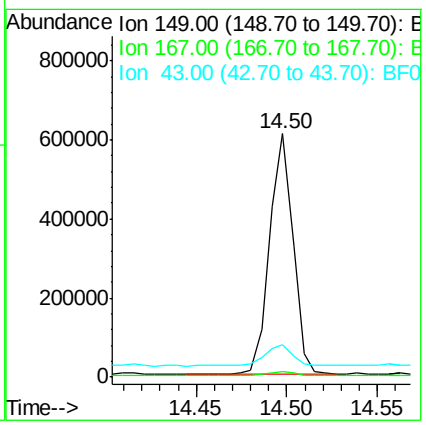


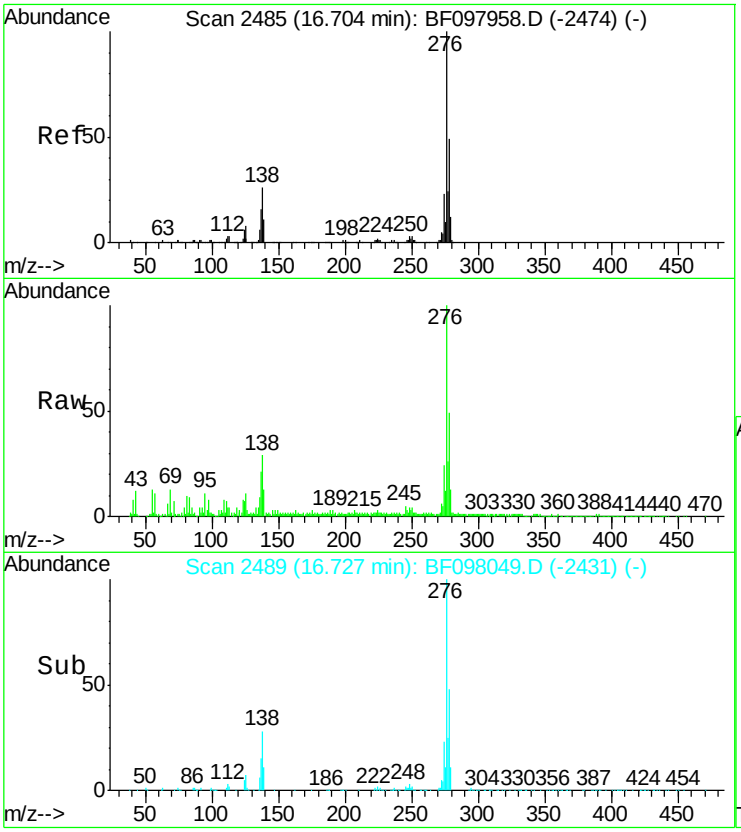


#84
Di-n-octyl phthalate
Concen: 49.65 ng
RT: 14.50 min Scan# 2110
Delta R.T. -0.00 min
Lab File: BF098049.D
Acq: 26 Aug 2017 00:03

Tgt Ion:149 Resp: 544172

Ion	Ratio	Lower	Upper
149	100		
167	1.9	1.2	1.8#
43	10.4	8.5	12.7



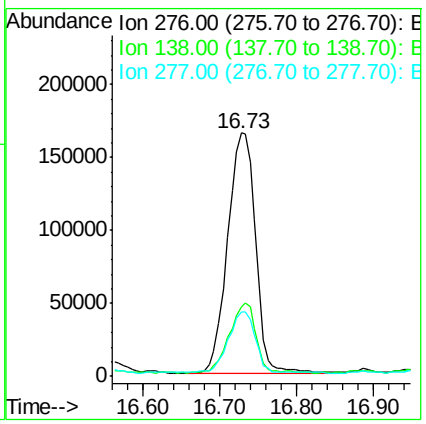


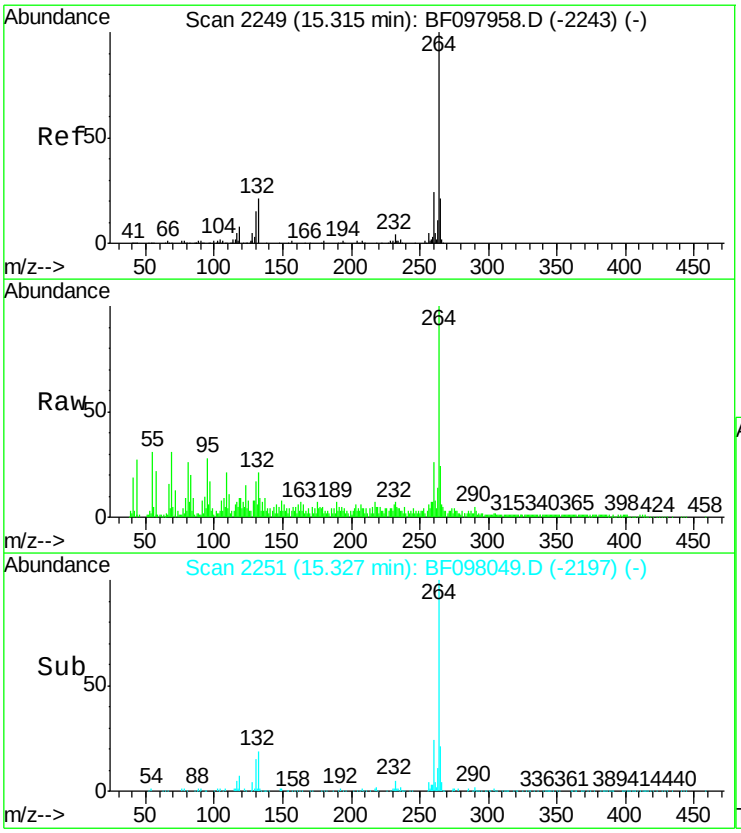
#85
Indeno(1,2,3-cd)pyrene
Concen: 52.48 ng
RT: 16.73 min Scan# 2489
Delta R.T. 0.04 min
Lab File: BF098049.D
Acq: 26 Aug 2017 00:03

Instrument :
BNA_F
ClientSampleId :
IRON-LEAF-TOPSOILMS

Tgt Ion:276 Resp: 417291

Ion	Ratio	Lower	Upper
276	100		
138	28.0	27.8	41.6
277	24.5	20.2	30.4

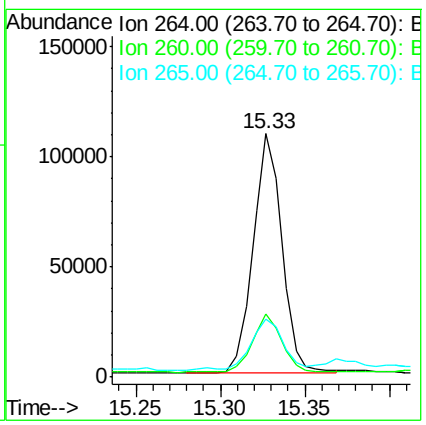


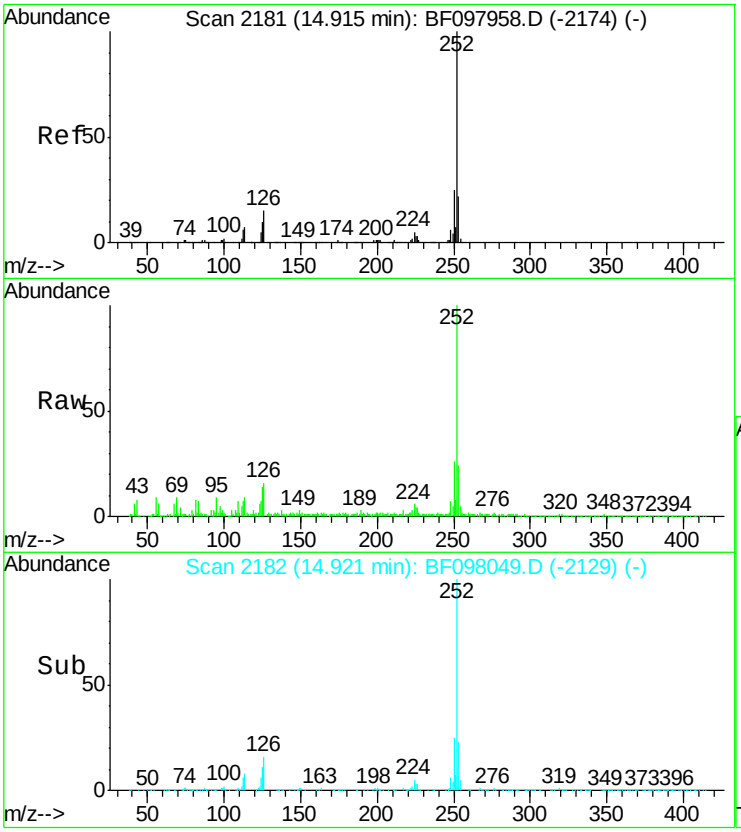


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.33 min Scan# 2251
Delta R.T. 0.02 min
Lab File: BF098049.D
Acq: 26 Aug 2017 00:03

Tgt Ion:264 Resp: 128965

Ion	Ratio	Lower	Upper
264	100		
260	25.9	19.5	29.3
265	24.0	17.2	25.8



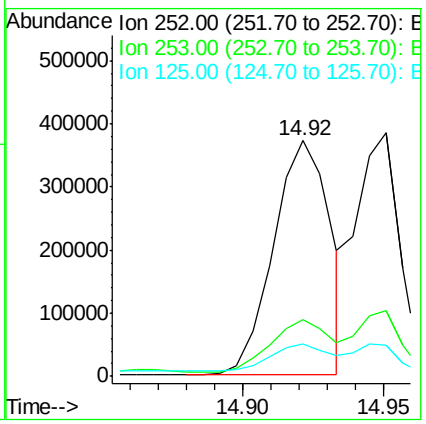


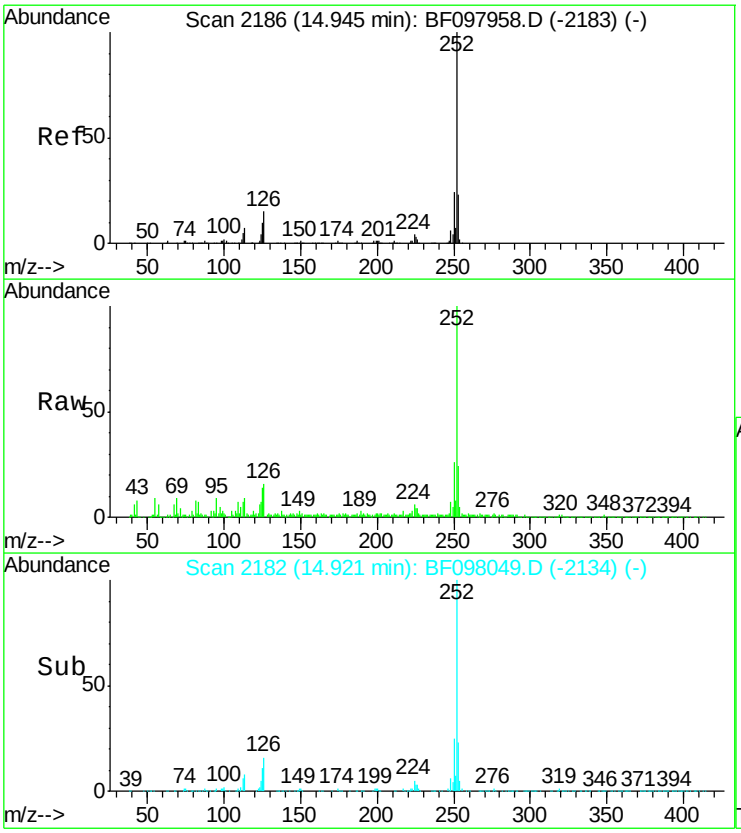
#87
Benzo(b)fluoranthene
Concen: 63.19 ng
RT: 14.92 min Scan# 2182
Delta R.T. 0.01 min
Lab File: BF098049.D
Acq: 26 Aug 2017 00:03

Instrument :
BNA_F
ClientSampleId :
IRON-LEAF-TOPSOILMS

Tgt Ion:252 Resp: 513648

Ion	Ratio	Lower	Upper
252	100		
253	24.0	18.1	27.1
125	13.7	9.8	14.8

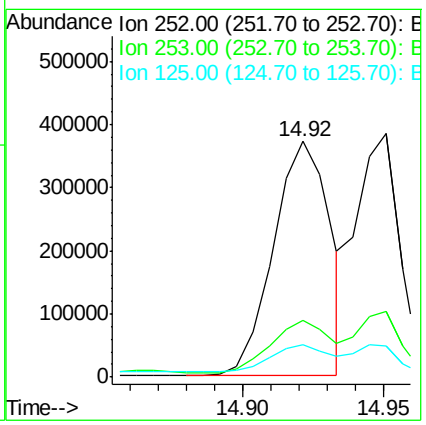


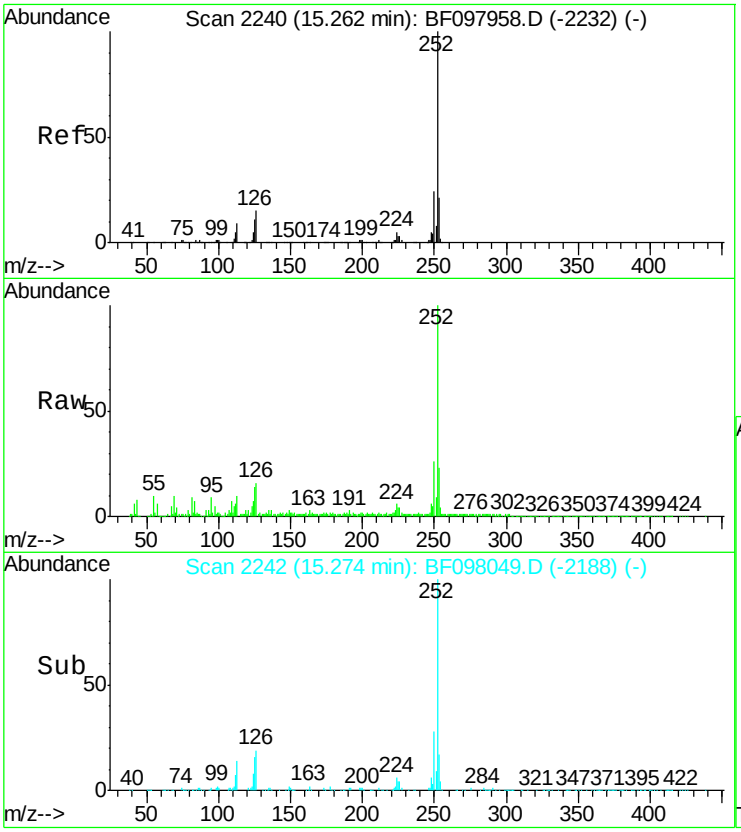


#88
Benzo(k)fluoranthene
Concen: 67.26 ng
RT: 14.92 min Scan# 2182
Delta R.T. -0.02 min
Lab File: BF098049.D
Acq: 26 Aug 2017 00:03

Tgt Ion:252 Resp: 513648

Ion	Ratio	Lower	Upper
252	100		
253	24.0	18.4	27.6
125	13.7	13.1	19.7



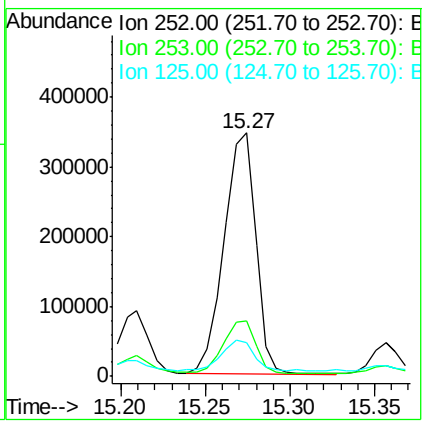


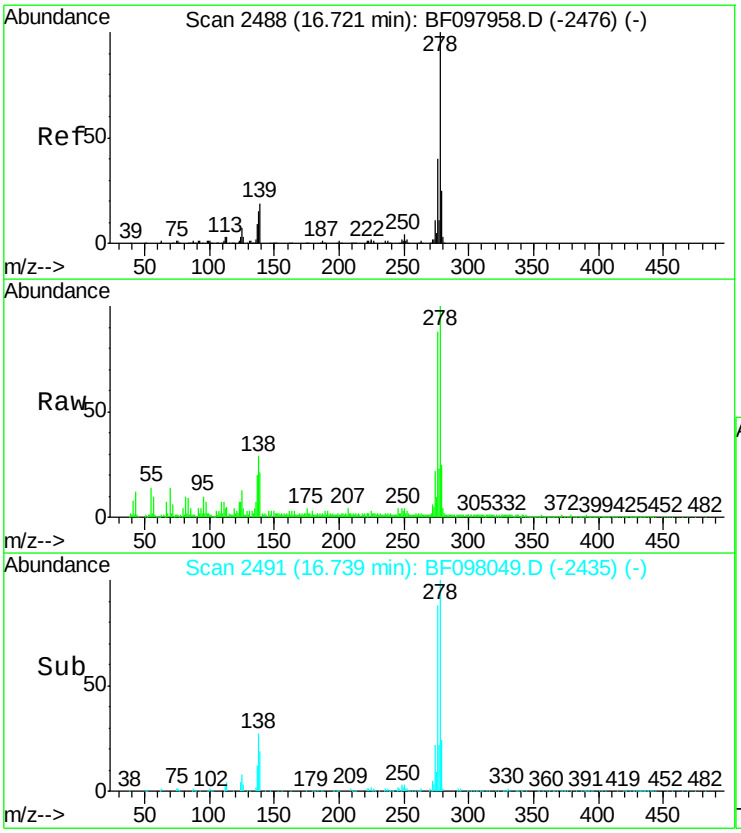
#89
Benzo(a)pyrene
Concen: 62.99 ng
RT: 15.27 min Scan# 2242
Delta R.T. 0.02 min
Lab File: BF098049.D
Acq: 26 Aug 2017 00:03

Instrument :
BNA_F
ClientSampleId :
IRON-LEAF-TOPSOILMS

Tgt Ion:252 Resp: 453301

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.5	26.3
125	14.0	11.0	16.4

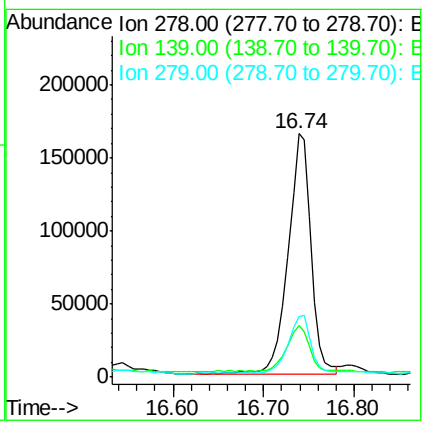


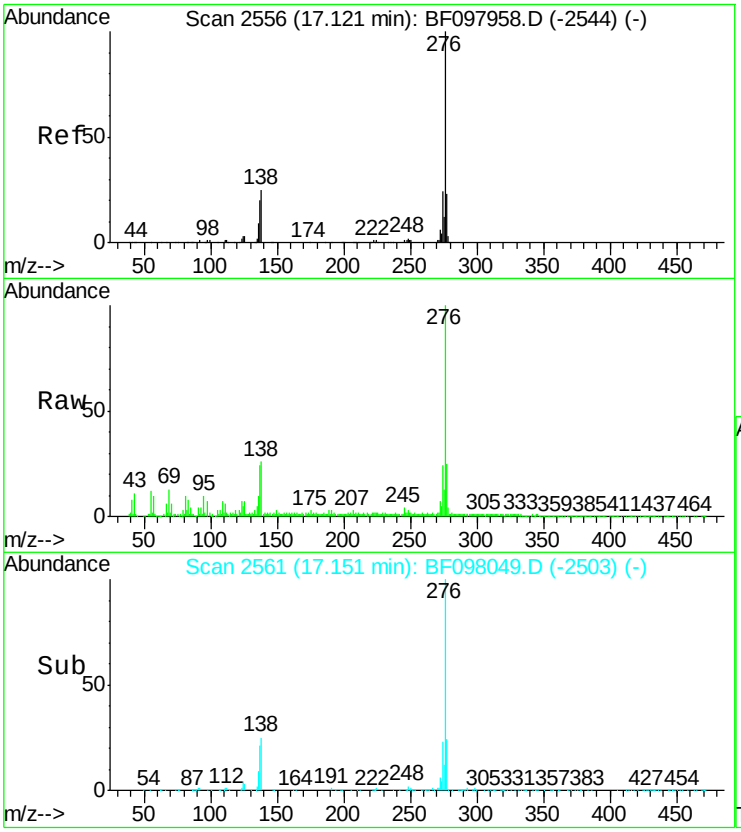


#90
Dibenzo(a,h)anthracene
Concen: 49.54 ng
RT: 16.74 min Scan# 2491
Delta R.T. 0.03 min
Lab File: BF098049.D
Acq: 26 Aug 2017 00:03

Tgt Ion:278 Resp: 290257

Ion	Ratio	Lower	Upper
278	100		
139	21.3	16.6	24.8
279	24.9	19.3	28.9





#91
Benzo(g,h,i)perylene
Concen: 59.14 ng
RT: 17.15 min Scan# 2561
Delta R.T. 0.04 min
Lab File: BF098049.D
Acq: 26 Aug 2017 00:03

Instrument :
BNA_F
ClientSampleId :
IRON-LEAF-TOPSOILMS

Tgt Ion:276 Resp: 361550

Ion	Ratio	Lower	Upper
276	100		
277	25.1	18.6	28.0
138	25.9	25.4	38.0