

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072018\
 Data File : BF107534.D
 Acq On : 20 Jul 2018 20:05
 Operator : JU/SJ
 Sample : J4051-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NS-SOIL

Quant Time: Jul 20 22:46:24 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 20 16:29:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	303040	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	1078530	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	386446	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	611184	20.00	ng	0.00
75) Chrysene-d12	14.21	240	169811	20.00	ng	0.04
86) Perylene-d12	15.81	264	217209	20.00	ng	0.11

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	2218026	117.68	ng	0.00
7) Phenol-d6	6.61	99	2591678	114.52	ng	0.00
23) Nitrobenzene-d5	7.54	82	1548703	96.91	ng	-0.01
41) 2,4,6-Tribromophenol	10.81	330	509424	115.92	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	2261299	107.69	ng	0.00
78) Terphenyl-d14	13.12	244	1256636	189.45	ng	0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.89	88	772	0.088	ng	# 56
3) Pyridine	3.62	79	128	0.005	ng	# 1
4) n-Nitrosodimethylamine	3.60	42	302	0.030	ng	# 1
6) Aniline	6.67	93	783	0.027	ng	# 1
8) 2-Chlorophenol	6.76	128	1166	0.058	ng	# 1
9) Benzaldehyde	6.61	77	3495	Below Cal		# 1
10) Phenol	6.62	94	88814	3.337	ng	# 69
11) bis(2-Chloroethyl)ether	6.71	93	109	0.005	ng	# 2
12) 1,3-Dichlorobenzene	7.12	146	297	0.013	ng	# 1
13) 1,4-Dichlorobenzene	7.12	146	297	0.013	ng	# 1
14) 1,2-Dichlorobenzene	7.12	146	297	0.014	ng	# 1
15) Benzyl Alcohol	7.12	79	28289	1.834	ng	# 51
16) 2,2'-oxybis(1-Chloropropan	7.24	45	645	0.017	ng	# 1
17) 2-Methylphenol	7.19	107	114	0.007	ng	# 1
18) Hexachloroethane	7.50	117	677	0.082	ng	# 1
19) n-Nitroso-di-n-propylamine	7.48	70	7593	0.519	ng	# 48
20) 3+4-Methylphenols	7.36	107	156	0.008	ng	# 1
22) Acetophenone	7.38	105	1003	0.040	ng	# 1
24) Nitrobenzene	7.54	77	6221	0.340	ng	# 33
25) Isophorone	7.54	82	1548780	45.389	ng	# 64
26) 2-Nitrophenol	8.00	139	338	0.044	ng	# 1
27) 2,4-Dimethylphenol	7.91	122	247	0.017	ng	# 20
28) bis(2-Chloroethoxy)methane	7.98	93	831	0.036	ng	# 1
29) 2,4-Dichlorophenol	8.20	162	150	0.010	ng	# 1
30) 1,2,4-Trichlorobenzene	8.41	180	158	0.009	ng	# 1
31) Naphthalene	8.28	128	4171	0.088	ng	# 74
32) Benzoic acid	8.09	122	676	7.955	ng	# 65
33) 4-Chloroaniline	8.34	127	139	0.007	ng	# 1
35) Caprolactam	8.72	113	486	0.100	ng	# 1
36) 4-Chloro-3-methylphenol	8.81	107	764	0.046	ng	# 20
37) 2-Methylnaphthalene	8.97	142	9359	0.285	ng	# 96
42) 2,4,6-Trichlorophenol	9.25	196	116	0.014	ng	# 13
43) 2,4,5-Trichlorophenol	9.28	196	115	0.013	ng	# 1
45) 1,1'-Biphenyl	9.44	154	14165	0.421	ng	# 97

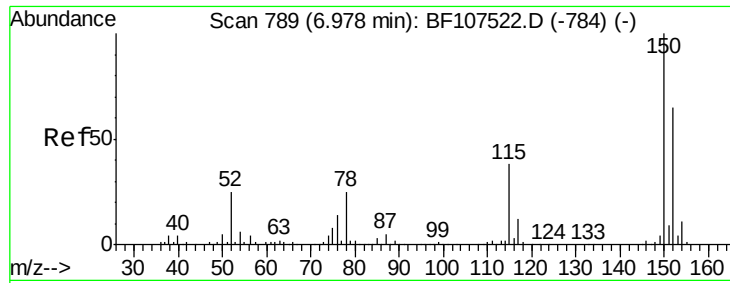
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072018\
 Data File : BF107534.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 20 16:29:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)	
46) 2-Chloronaphthalene	9.46	162	312	0.012	ng	#	1
47) 2-Nitroaniline	9.56	65	2093	0.279	ng	#	48
48) Acenaphthylene	9.87	152	10857	0.281	ng	#	1
49) Dimethylphthalate	9.72	163	191414	6.572	ng	#	91
50) 2,6-Dinitrotoluene	9.81	165	3644	0.630	ng	#	39
51) Acenaphthene	10.05	154	1979	0.082	ng	#	49
52) 3-Nitroaniline	9.96	138	11402	1.621	ng	#	17
53) 2,4-Dinitrophenol	10.33	184	3314	9.948	ng	#	92
54) Dibenzofuran	10.22	168	2879	0.081	ng	#	1
55) 4-Nitrophenol	10.11	139	1962	0.373	ng	#	1
56) 2,4-Dinitrotoluene	10.21	165	3193	0.457	ng	#	58
57) Fluorene	10.57	166	9469	0.372	ng	#	39
58) 2,3,4,6-Tetrachlorophenol	10.34	232	1079	0.150	ng	#	41
59) Diethylphthalate	10.42	149	3758	0.124	ng	#	23
60) 4-Chlorophenyl-phenylether	10.54	204	550	0.038	ng	#	1
61) 4-Nitroaniline	10.35	138	3311	0.560	ng	#	95
62) Azobenzene	10.71	77	3260	0.114	ng	#	50
64) 4,6-Dinitro-2-methylphenol	10.63	198	1724	9.159	ng	#	1
65) n-Nitrosodiphenylamine	10.67	169	20842	1.004	ng	#	52
66) 4-Bromophenyl-phenylether	11.04	248	1318	0.183	ng	#	1
68) Atrazine	11.22	200	1706	0.269	ng	#	1
69) Pentachlorophenol	11.32	266	1542	0.312	ng	#	82
70) Phenanthrene	11.54	178	22231	0.746	ng	#	48
71) Anthracene	11.59	178	2314	0.077	ng	#	1
72) Carbazole	11.75	167	3567	0.114	ng	#	1
73) Di-n-butylphthalate	12.06	149	132653	1.842	ng	#	70
74) Fluoranthene	12.74	202	26477	0.828	ng	#	1
76) Benzidine	12.89	184	3762	0.769	ng	#	1
77) Pyrene	12.98	202	20905	1.800	ng	#	1
79) Butylbenzylphthalate	13.63	149	8624	1.726	ng	#	1
80) Benzo(a)anthracene	14.20	228	5117	0.514	ng	#	1
81) 3,3'-Dichlorobenzidine	14.17	252	2015	Below Cal	#	#	1
82) Chrysene	14.24	228	2847	0.298	ng	#	1
83) Bis(2-ethylhexyl)phthalate	14.17	149	24042	3.411	ng	#	32
84) Di-n-octyl phthalate	14.80	149	31139	2.842	ng	#	75
85) Indeno(1,2,3-cd)pyrene	17.33	276	856	0.106	ng	#	1
87) Benzo(b)fluoranthene	15.35	252	21794	1.833	ng	#	1
88) Benzo(k)fluoranthene	15.41	252	1474	0.127	ng	#	1
89) Benzo(a)pyrene	15.72	252	12296	1.131	ng	#	1
90) Dibenzo(a,h)anthracene	17.41	278	1115	0.119	ng	#	1
91) Benzo(g,h,i)perylene	17.87	276	8002	0.863	ng	#	1

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

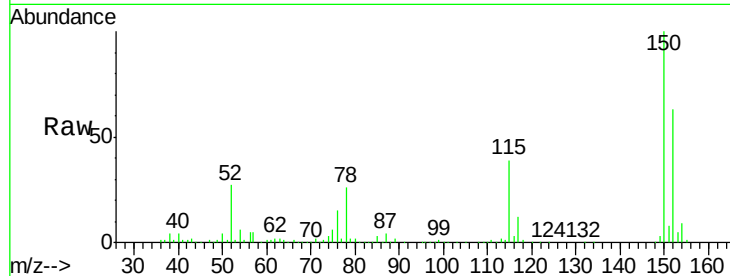


#1

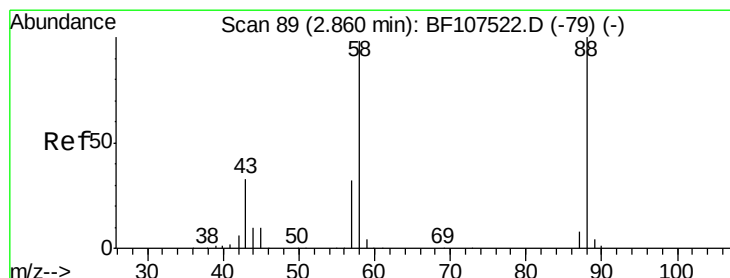
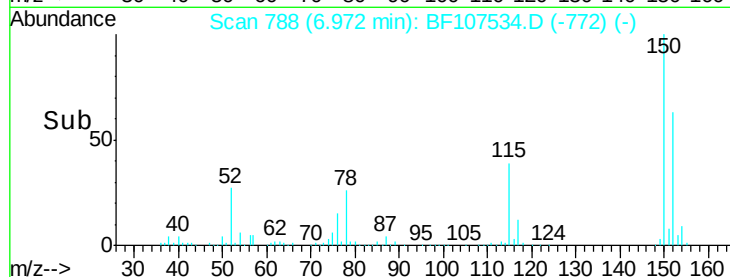
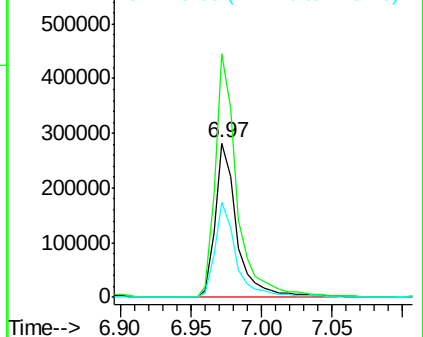
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF107534.D
Acq: 20 Jul 2018 20:05

Instrument :
BNA_F
ClientSampleId :
NS-SOIL

Tgt Ion:152 Resp: 303040
Ion Ratio Lower Upper
152 100
150 157.7 124.6 186.8
115 61.3 50.1 75.1



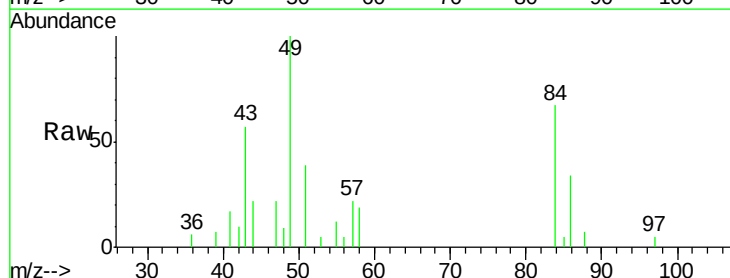
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



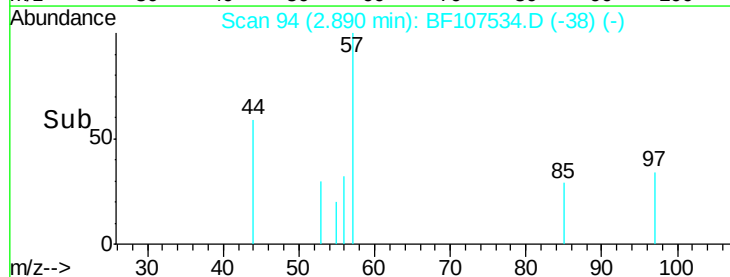
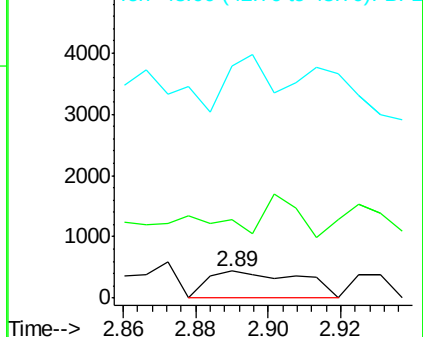
#2

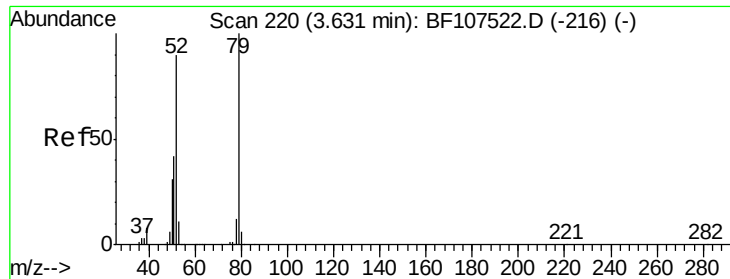
1,4-Dioxane
Concen: 0.088 ng
RT: 2.89 min Scan# 94
Delta R.T. 0.03 min
Lab File: BF107534.D
Acq: 20 Jul 2018 20:05

Tgt Ion: 88 Resp: 772
Ion Ratio Lower Upper
88 100
58 63.1 62.6 93.8
43 91.7 24.6 37.0#



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#3

Pyridine

Concen: 0.005 ng

RT: 3.62 min Scan# 218

Delta R.T. -0.01 min

Lab File: BF107534.D

Acq: 20 Jul 2018 20:05

Instrument :

BNA_F

ClientSampleId :

NS-SOIL

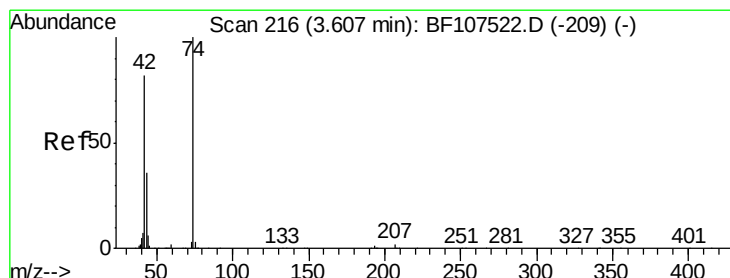
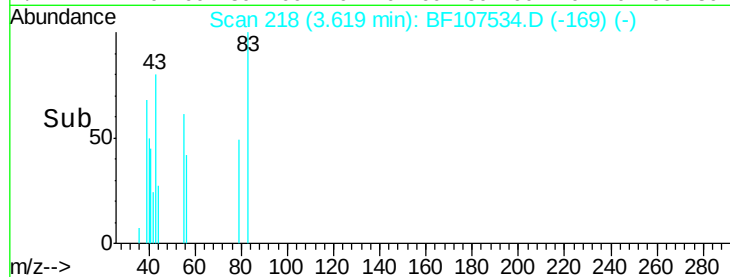
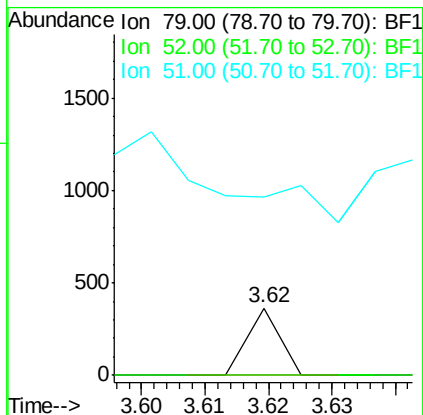
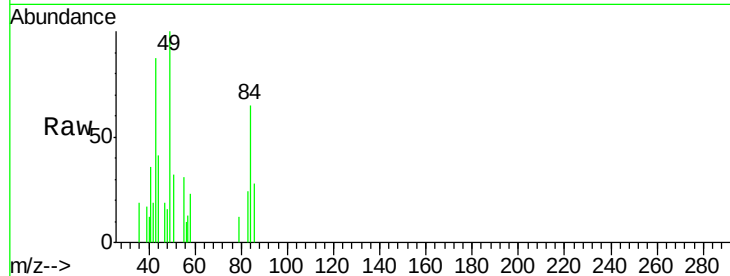
Tgt Ion: 79 Resp: 128

Ion Ratio Lower Upper

79 100

52 0.0 59.8 89.6#

51 264.6 29.8 44.8#



#4

n-Nitrosodimethylamine

Concen: 0.030 ng

RT: 3.60 min Scan# 214

Delta R.T. -0.01 min

Lab File: BF107534.D

Acq: 20 Jul 2018 20:05

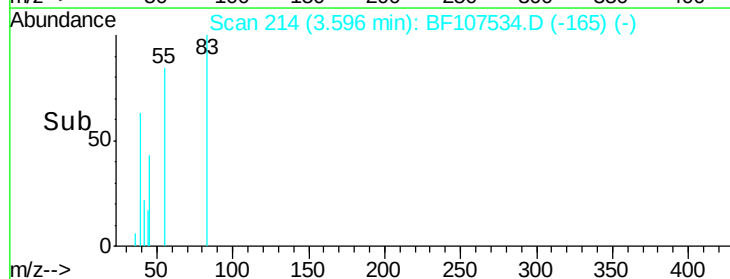
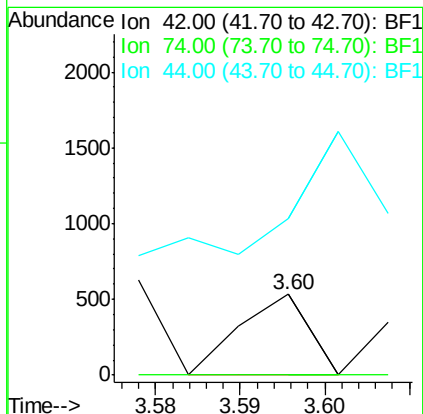
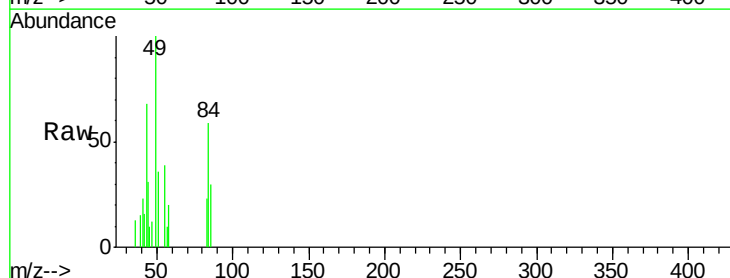
Tgt Ion: 42 Resp: 302

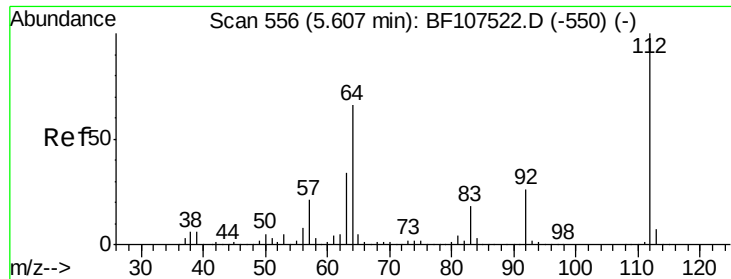
Ion Ratio Lower Upper

42 100

74 0.0 104.9 157.3#

44 194.0 6.9 10.3#





#5

2-Fluorophenol

Concen: 117.680 ng

RT: 5.60 min Scan# 555

Delta R.T. -0.01 min

Lab File: BF107534.D

Acq: 20 Jul 2018 20:05

Instrument :

BNA_F

ClientSampleId :

NS-SOIL

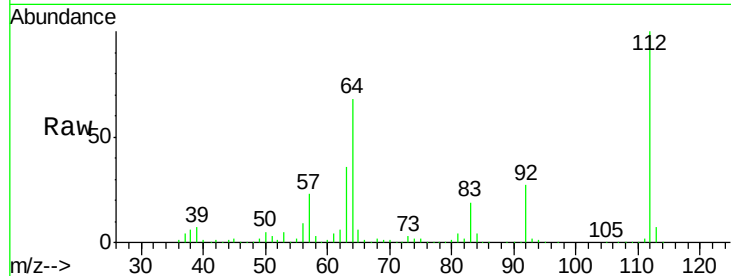
Tgt Ion:112 Resp: 2218026

Ion Ratio Lower Upper

112 100

64 68.1 47.9 71.9

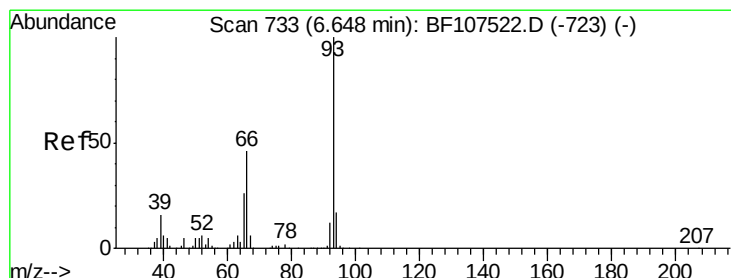
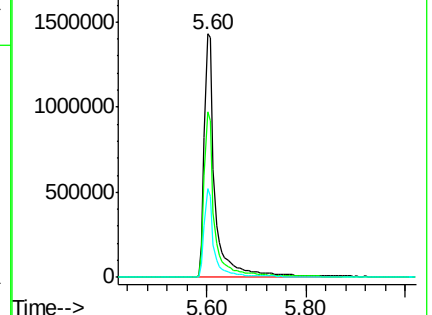
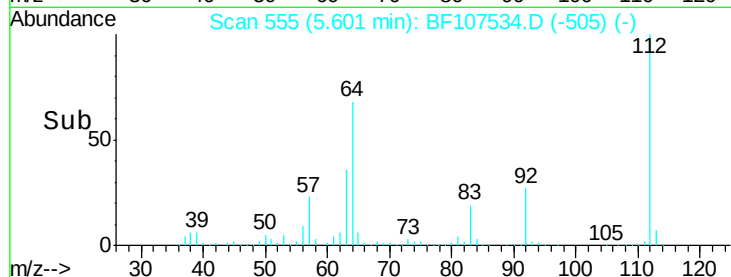
63 36.3 23.7 35.5#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 0.027 ng

RT: 6.67 min Scan# 736

Delta R.T. 0.02 min

Lab File: BF107534.D

Acq: 20 Jul 2018 20:05

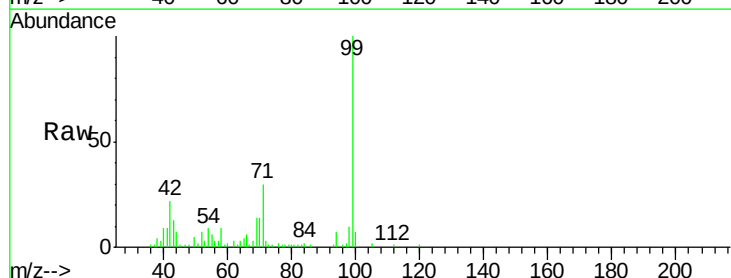
Tgt Ion: 93 Resp: 783

Ion Ratio Lower Upper

93 100

66 499.5 32.2 48.2#

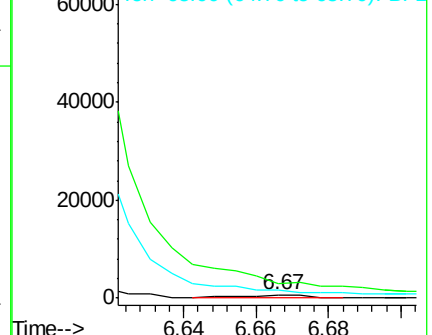
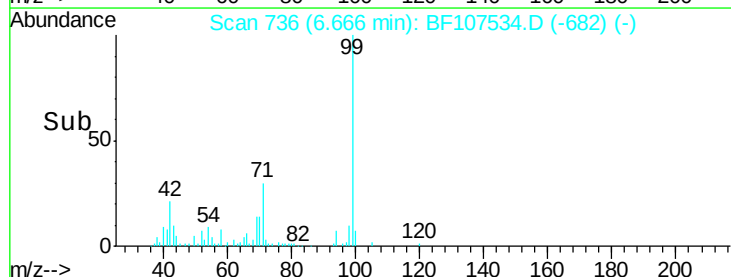
65 278.7 16.4 24.6#

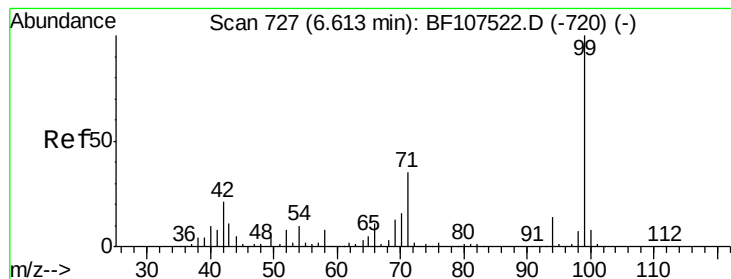


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 114.516 ng

RT: 6.61 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF107534.D

Acq: 20 Jul 2018 20:05

Instrument :

BNA_F

ClientSampleId :

NS-SOIL

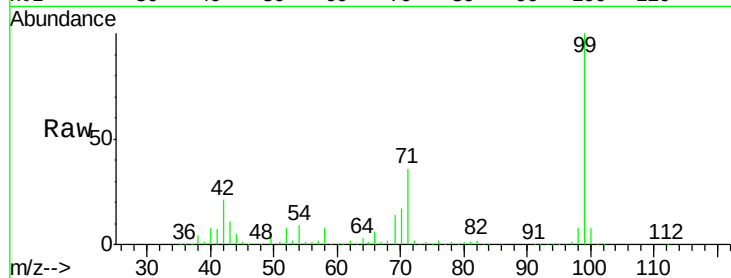
Tgt Ion: 99 Resp: 2591678

Ion Ratio Lower Upper

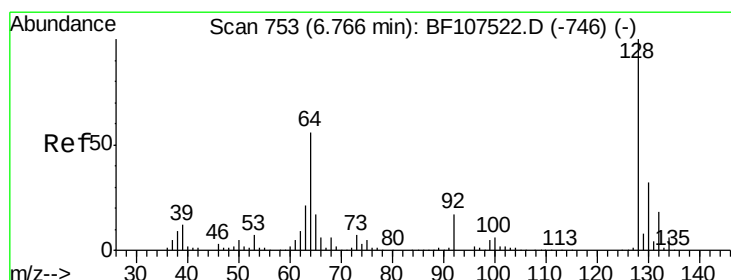
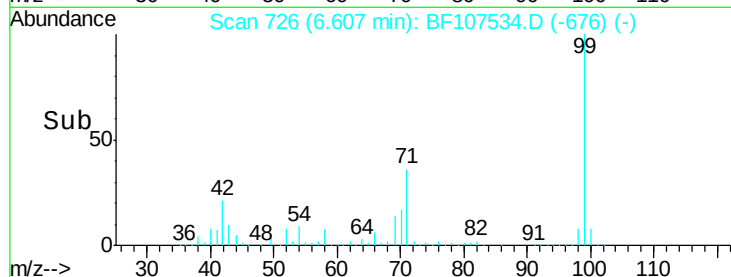
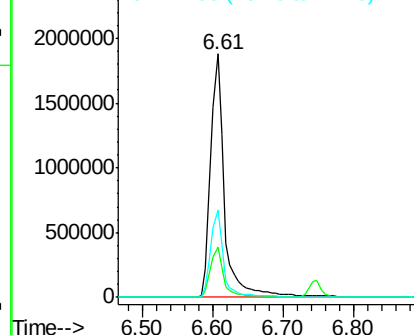
99 100

42 20.6 14.5 21.7

71 36.1 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 0.058 ng

RT: 6.76 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF107534.D

Acq: 20 Jul 2018 20:05

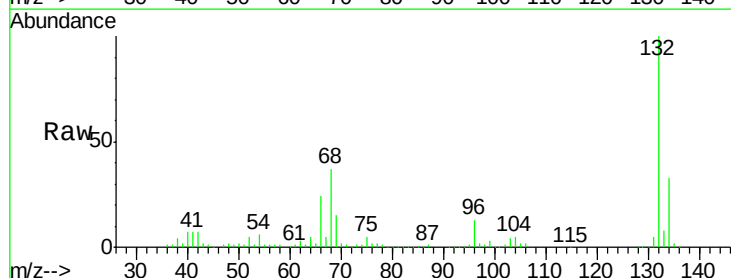
Tgt Ion: 128 Resp: 1166

Ion Ratio Lower Upper

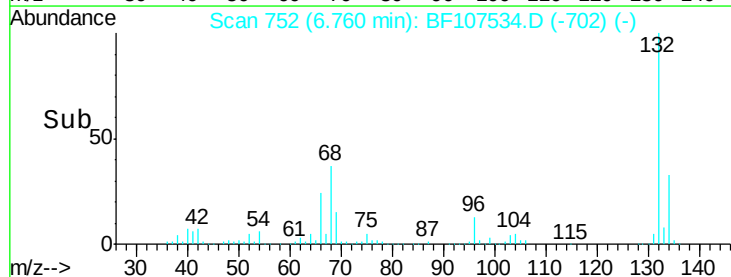
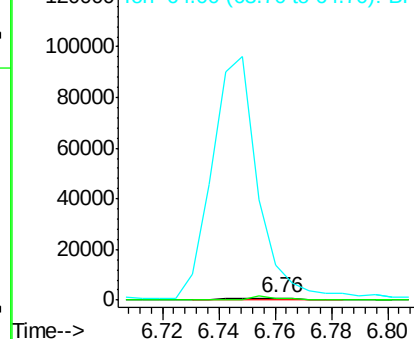
128 100

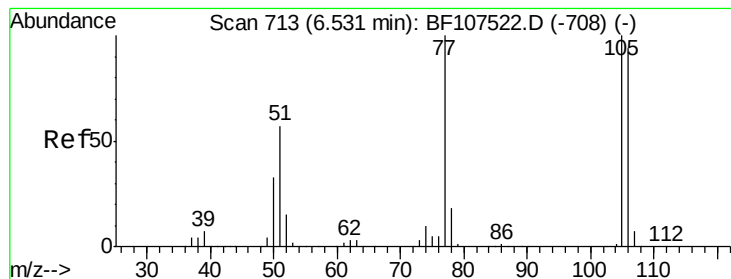
130 48.6 13.0 53.0

64 1233.5 29.4 69.4#



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: Below Cal

RT: 6.61 min Scan# 726

Delta R.T. 0.08 min

Lab File: BF107534.D

Acq: 20 Jul 2018 20:05

Instrument :

BNA_F

ClientSampleId :

NS-SOIL

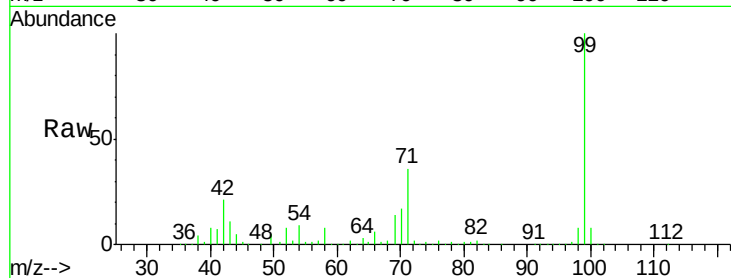
Tgt Ion: 77 Resp: 3495

Ion Ratio Lower Upper

77 100

105 0.0 81.1 121.1#

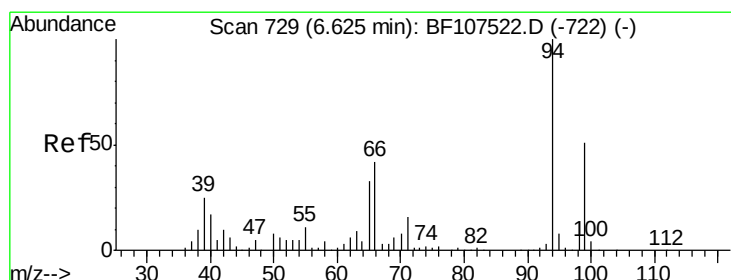
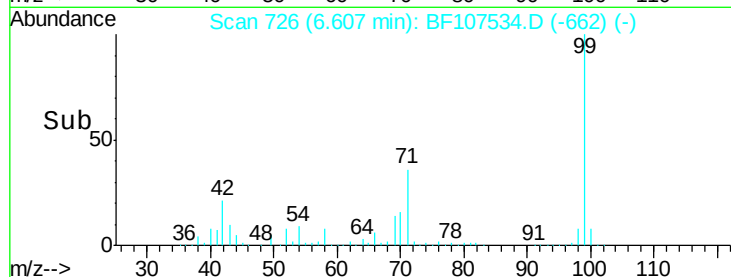
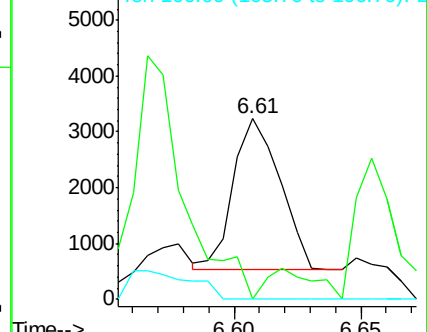
106 0.0 74.5 114.5#



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 3.337 ng

RT: 6.62 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF107534.D

Acq: 20 Jul 2018 20:05

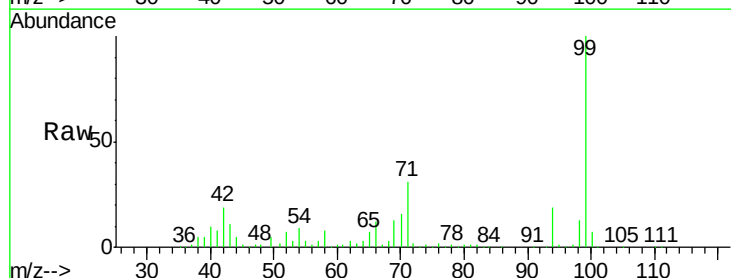
Tgt Ion: 94 Resp: 88814

Ion Ratio Lower Upper

94 100

65 34.7 7.9 47.9

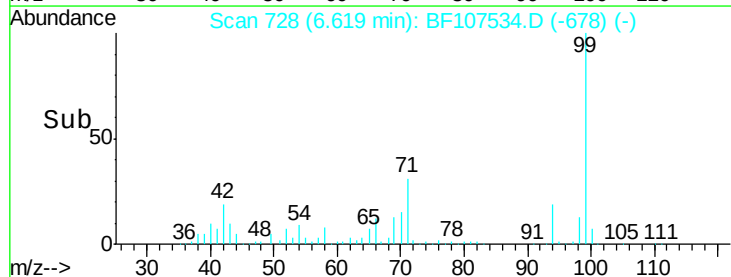
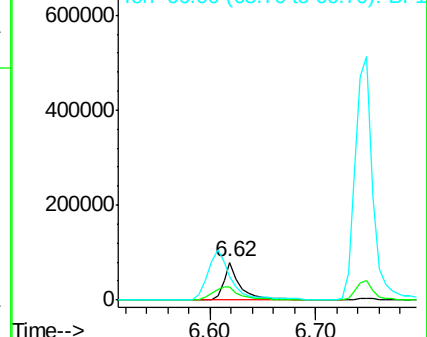
66 62.9 16.2 56.2#

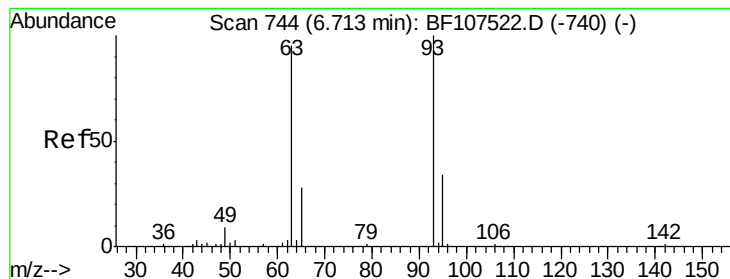


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 0.005 ng

RT: 6.71 min Scan# 744

Delta R.T. 0.00 min

Lab File: BF107534.D

Acq: 20 Jul 2018 20:05

Instrument :

BNA_F

ClientSampleId :

NS-SOIL

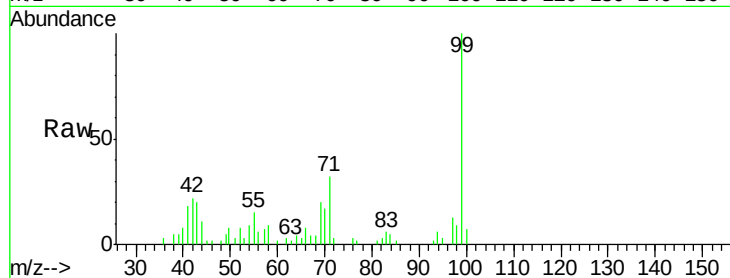
Tgt Ion: 93 Resp: 109

Ion Ratio Lower Upper

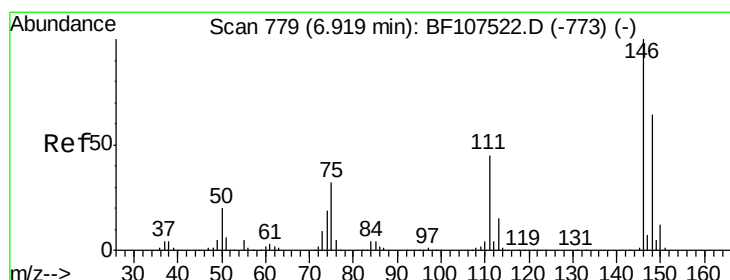
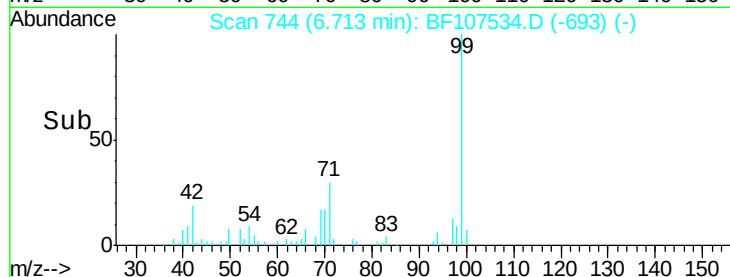
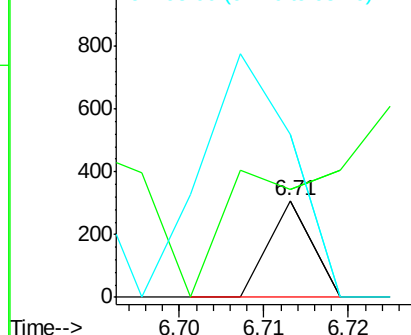
93 100

63 112.3 58.6 98.6#

95 168.8 11.8 51.8#



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 0.013 ng

RT: 7.12 min Scan# 814

Delta R.T. 0.21 min

Lab File: BF107534.D

Acq: 20 Jul 2018 20:05

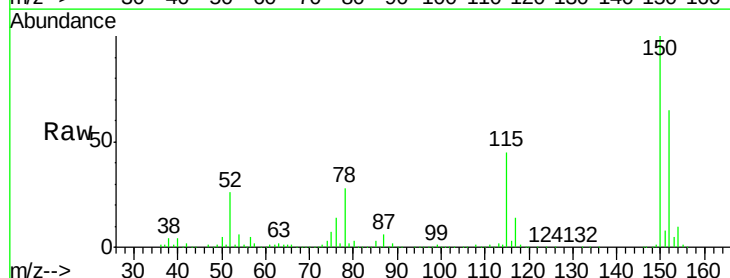
Tgt Ion: 146 Resp: 297

Ion Ratio Lower Upper

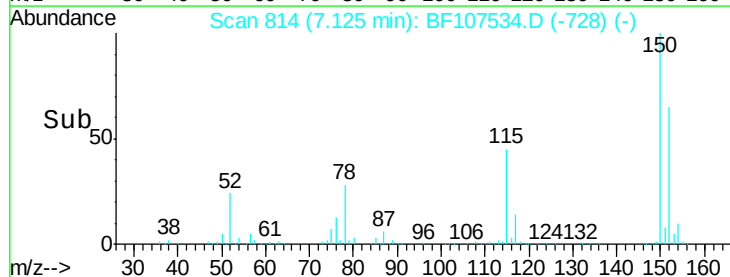
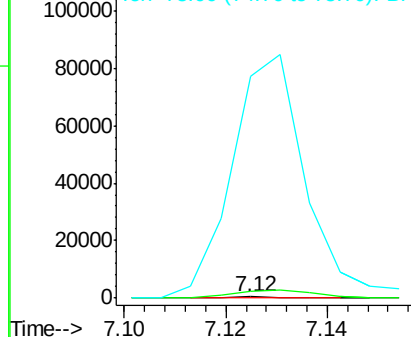
146 100

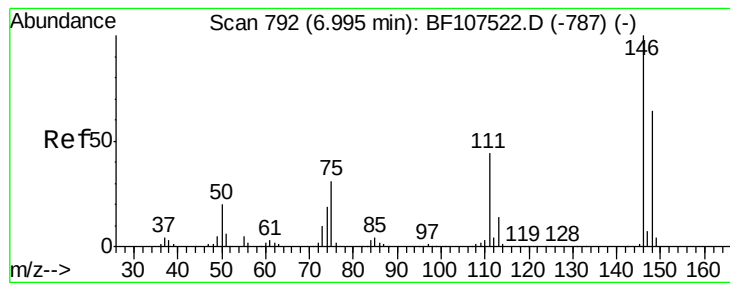
148 290.4 51.8 77.8#

75 8776.3 24.2 36.4#



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 0.013 ng

RT: 7.12 min Scan# 814

Delta R.T. 0.13 min

Lab File: BF107534.D

Acq: 20 Jul 2018 20:05

Instrument :

BNA_F

ClientSampled :

NS-SOIL

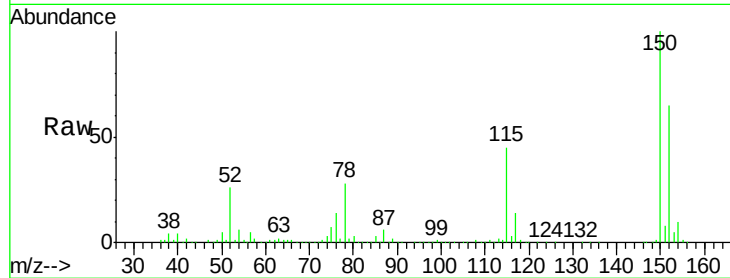
Tgt Ion:146 Resp: 297

Ion Ratio Lower Upper

146 100

148 290.4 50.8 76.2#

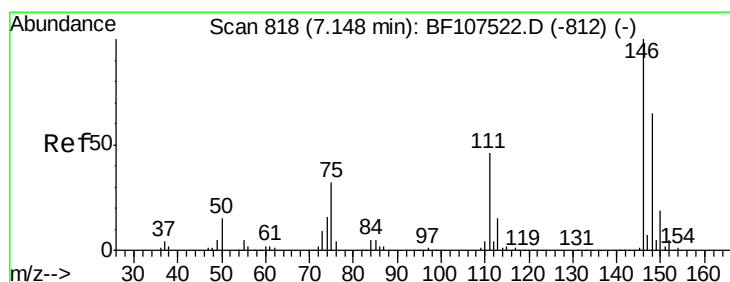
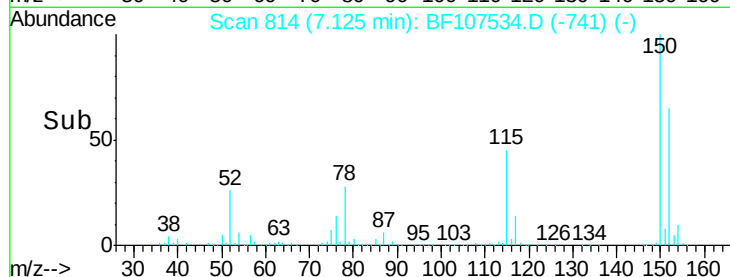
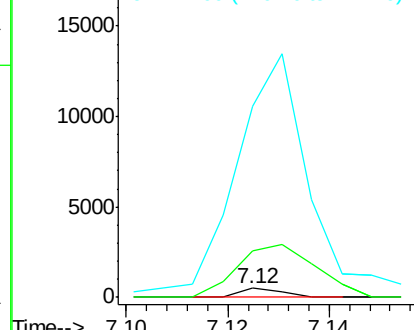
111 1205.1 34.2 51.2#



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 0.014 ng

RT: 7.12 min Scan# 814

Delta R.T. -0.02 min

Lab File: BF107534.D

Acq: 20 Jul 2018 20:05

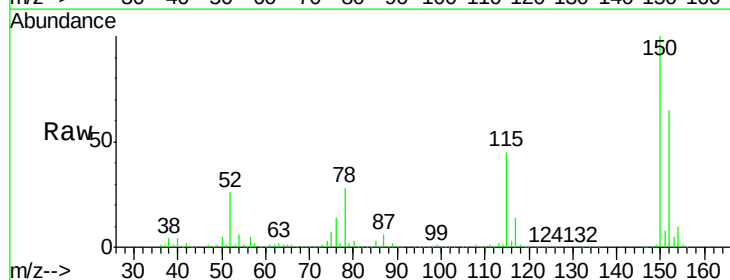
Tgt Ion:146 Resp: 297

Ion Ratio Lower Upper

146 100

148 290.4 50.6 75.8#

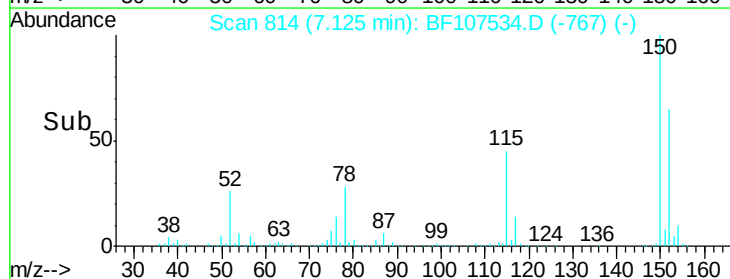
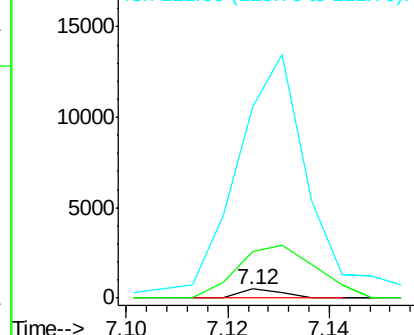
111 1205.1 36.0 54.0#

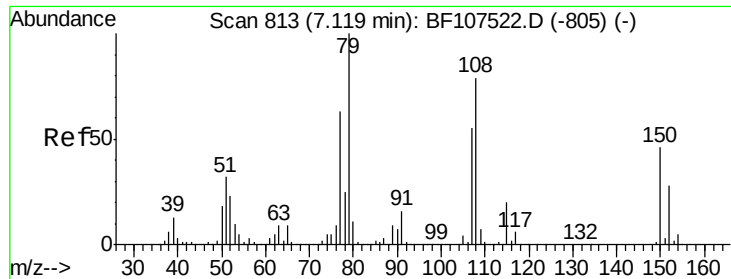


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

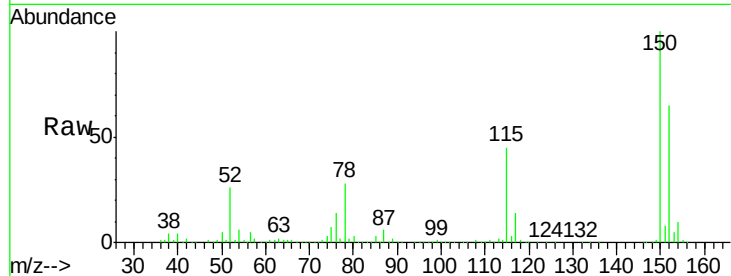




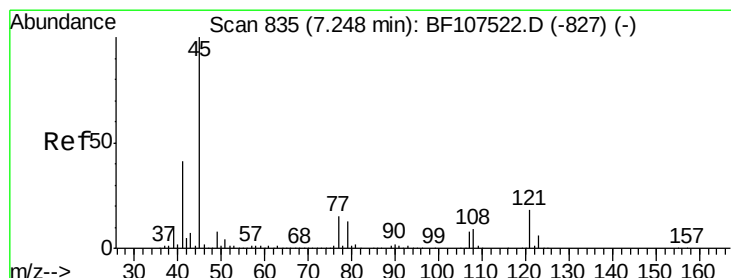
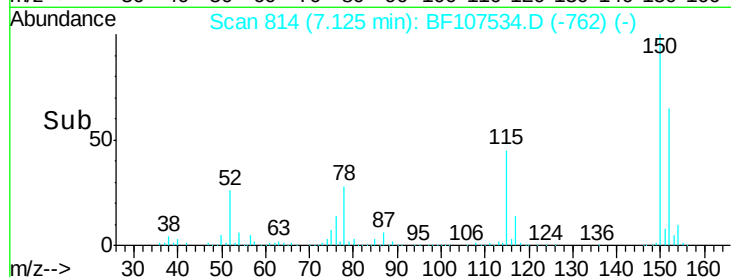
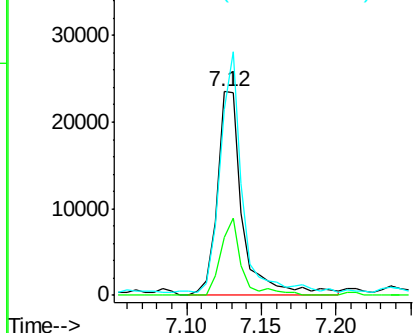
#15
Benzyl Alcohol
Concen: 1.834 ng
RT: 7.12 min Scan# 814
Delta R.T. 0.01 min
Lab File: BF107534.D
Acq: 20 Jul 2018 20:05

Instrument :
BNA_F
ClientSampleId :
NS-SOIL

Tgt Ion: 79 Resp: 28289
Ion Ratio Lower Upper
79 100
108 28.4 65.1 97.7#
77 91.3 50.6 75.8#

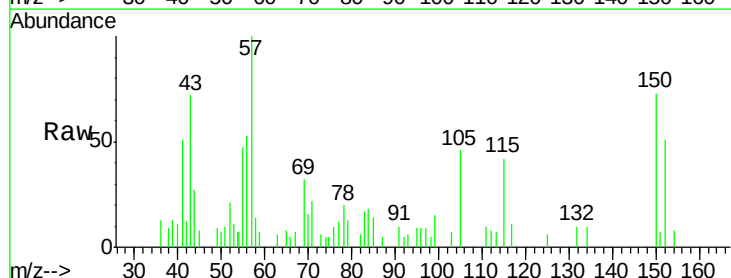


Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1

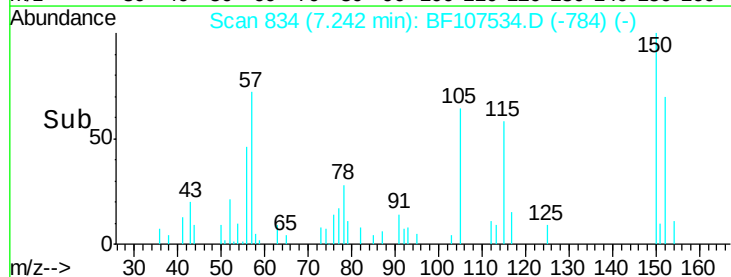
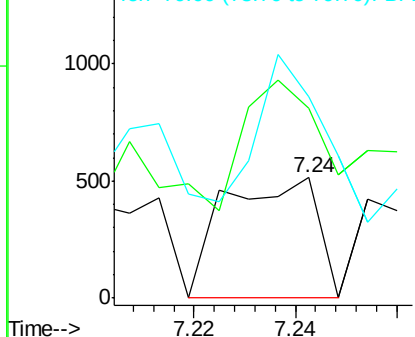


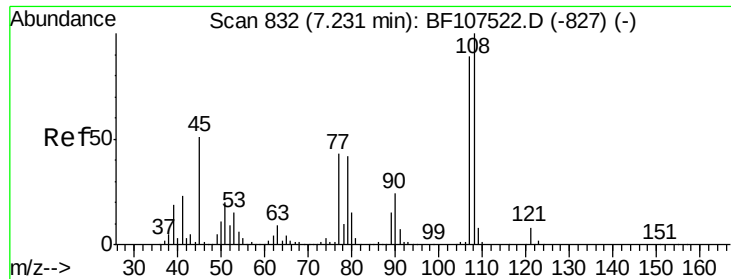
#16
2,2'-oxybis(1-Chloropropane)
Concen: 0.017 ng
RT: 7.24 min Scan# 834
Delta R.T. -0.01 min
Lab File: BF107534.D
Acq: 20 Jul 2018 20:05

Tgt Ion: 45 Resp: 645
Ion Ratio Lower Upper
45 100
77 157.2 0.0 32.9#
79 166.9 0.0 29.6#



Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

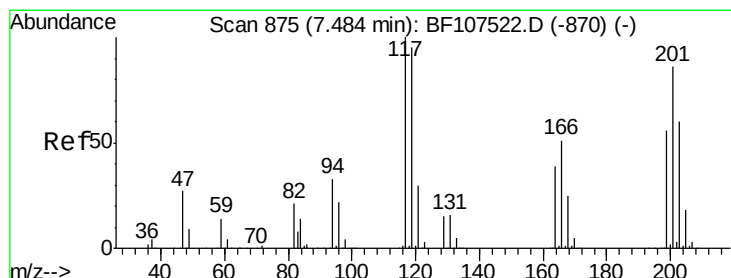
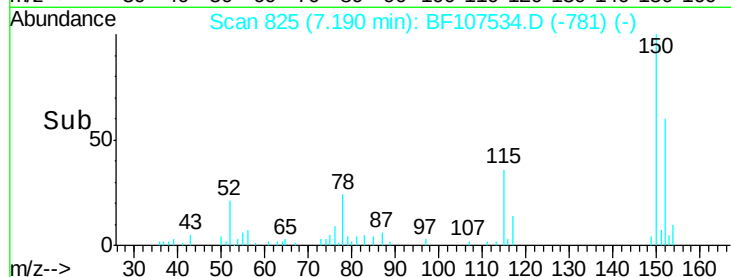
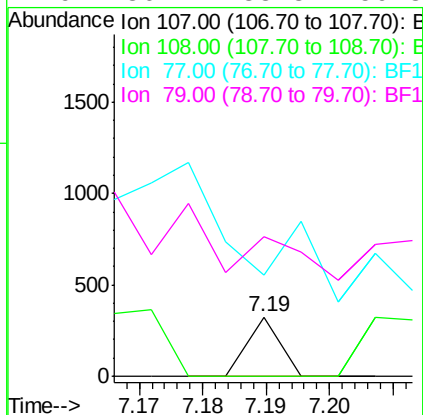
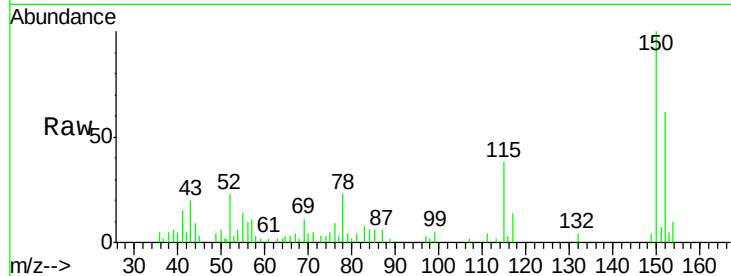




#17
2-Methylphenol
Concen: 0.007 ng
RT: 7.19 min Scan# 825
Delta R.T. -0.04 min
Lab File: BF107534.D
Acq: 20 Jul 2018 20:05

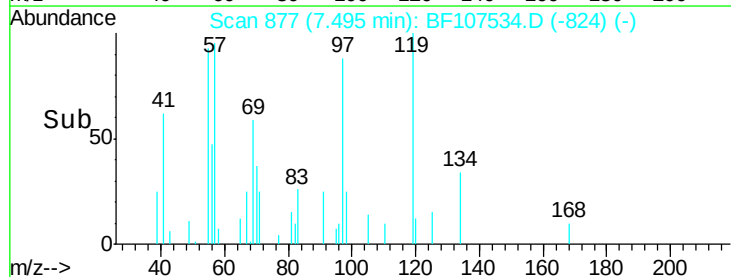
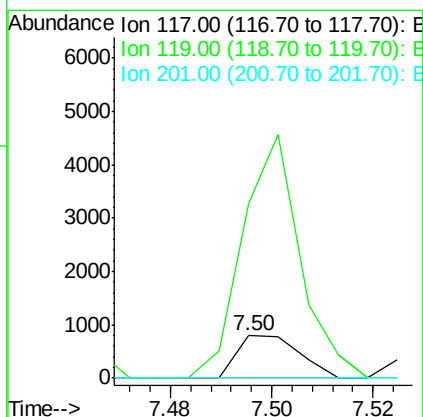
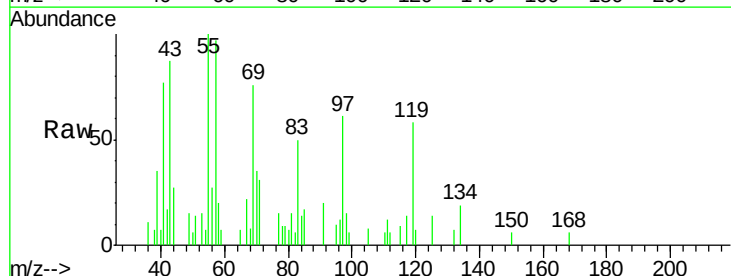
Instrument :
BNA_F
ClientSampleId :
NS-SOIL

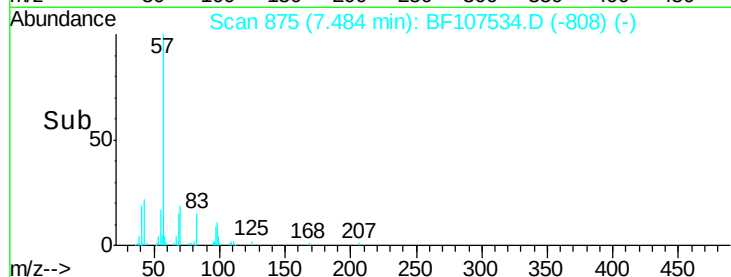
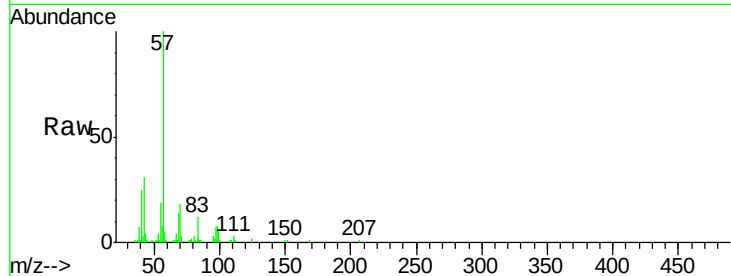
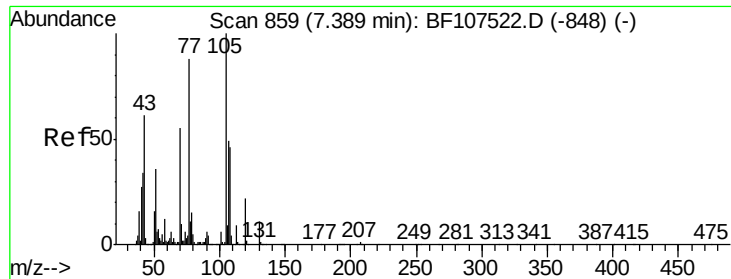
Tgt Ion:107 Resp: 114
Ion Ratio Lower Upper
107 100
108 0.0 91.7 137.5#
77 171.2 33.8 50.8#
79 236.2 33.8 50.8#



#18
Hexachloroethane
Concen: 0.082 ng
RT: 7.50 min Scan# 877
Delta R.T. 0.01 min
Lab File: BF107534.D
Acq: 20 Jul 2018 20:05

Tgt Ion:117 Resp: 677
Ion Ratio Lower Upper
117 100
119 409.4 75.8 113.8#
201 0.0 75.7 113.5#

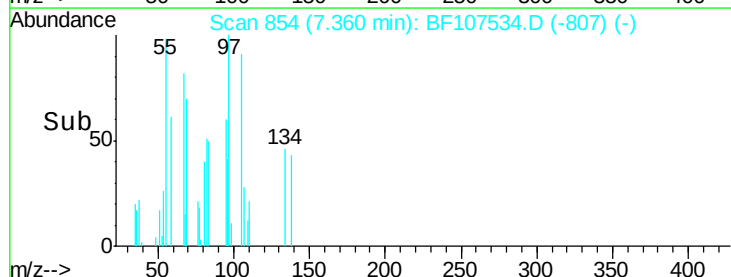
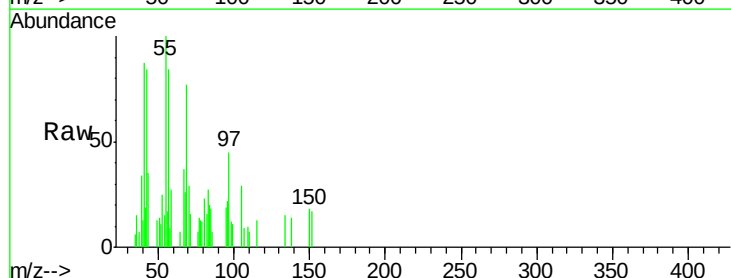
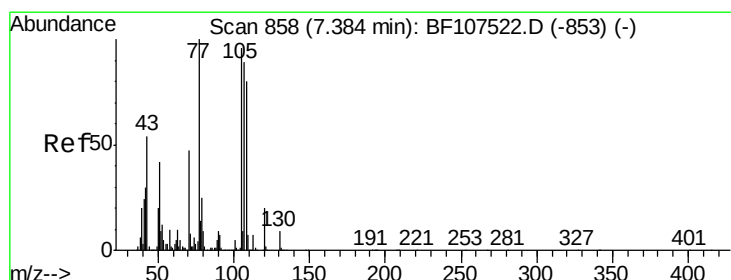
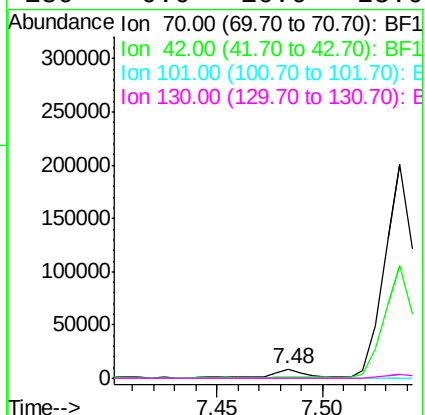




#19
n-Nitroso-di-n-propylamine
Concen: 0.519 ng
RT: 7.48 min Scan# 875
Delta R.T. 0.09 min
Lab File: BF107534.D
Acq: 20 Jul 2018 20:05

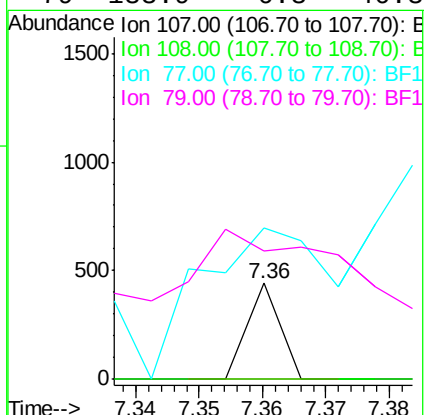
Instrument :
BNA_F
ClientSampleId :
NS-SOIL

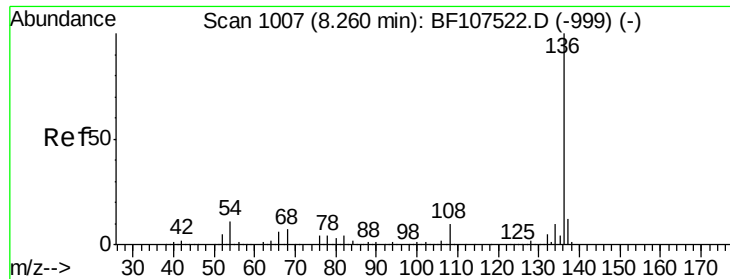
Tgt Ion:	70	Resp:	7593
Ion	Ratio	Lower	Upper
70	100		
42	15.8	47.5	71.3#
101	0.0	7.4	11.2#
130	0.0	16.6	25.0#



#20
3+4-Methylphenols
Concen: 0.008 ng
RT: 7.36 min Scan# 854
Delta R.T. -0.02 min
Lab File: BF107534.D
Acq: 20 Jul 2018 20:05

Tgt Ion:	107	Resp:	156
Ion	Ratio	Lower	Upper
107	100		
108	0.0	68.2	108.2#
77	157.7	26.7	66.7#
79	133.9	6.3	46.3#



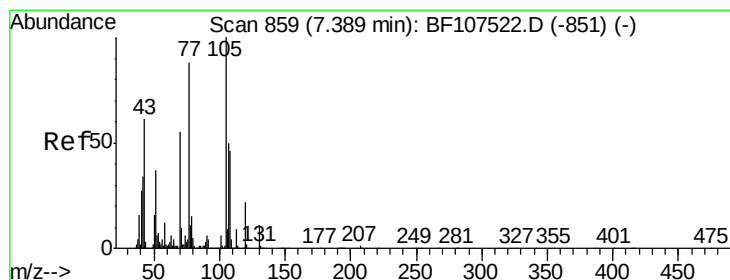
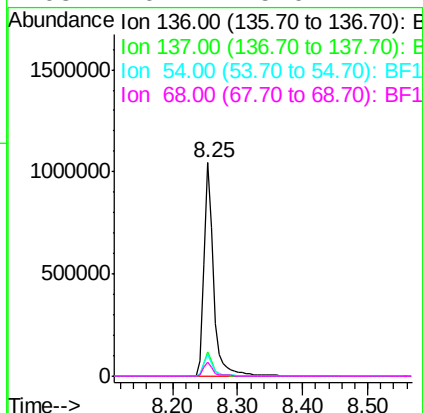
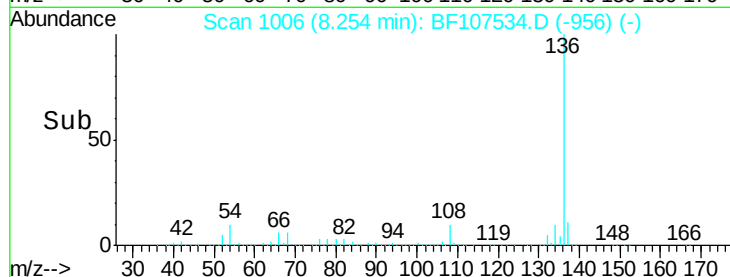
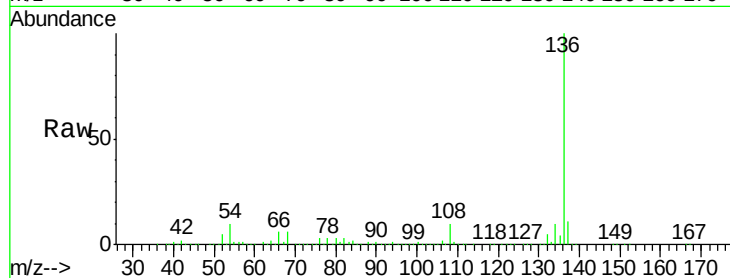


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF107534.D
Acq: 20 Jul 2018 20:05

Instrument :
BNA_F
ClientSampleId :
NS-SOIL

Tgt Ion:136 Resp: 1078530

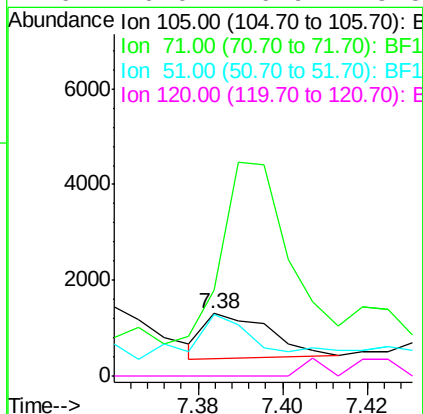
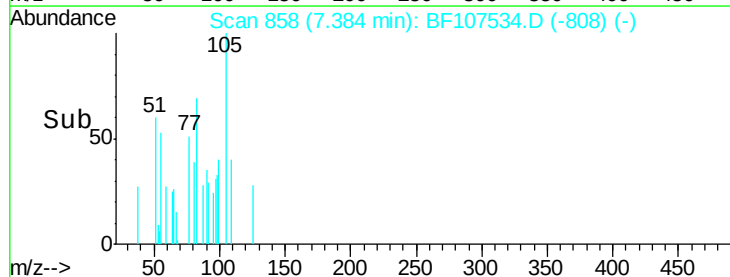
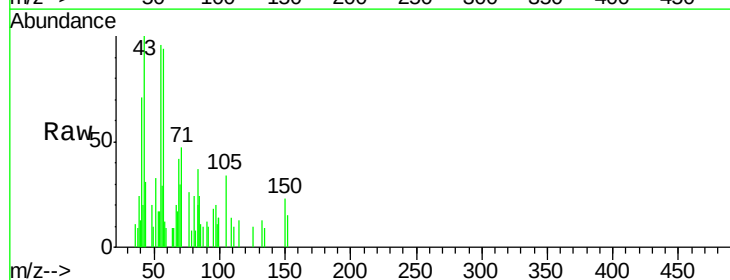
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.9	13.3
54	10.4	6.6	9.8#
68	6.4	5.0	7.4

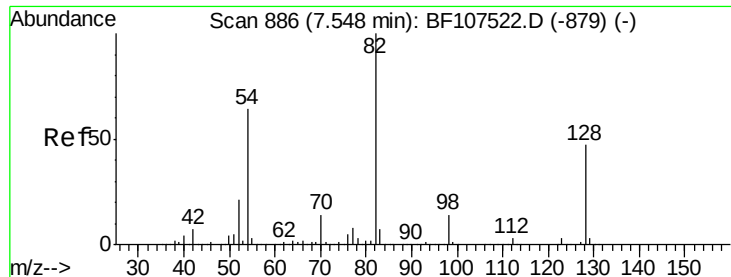


#22
Acetophenone
Concen: 0.040 ng
RT: 7.38 min Scan# 858
Delta R.T. -0.01 min
Lab File: BF107534.D
Acq: 20 Jul 2018 20:05

Tgt Ion:105 Resp: 1003

Ion	Ratio	Lower	Upper
105	100		
71	136.2	4.4	6.6#
51	97.6	22.3	33.5#
120	0.0	16.9	25.3#

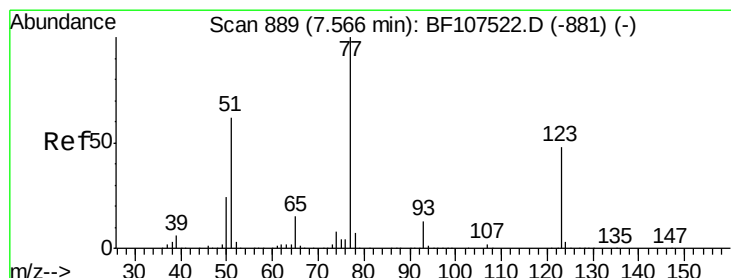
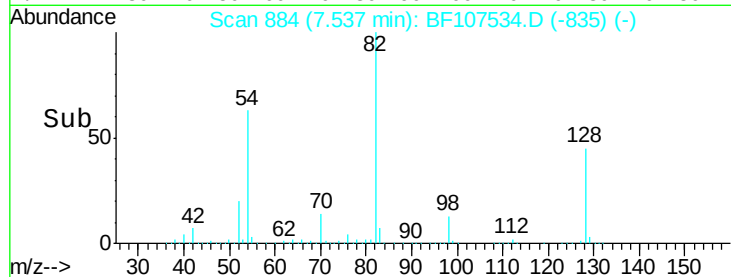
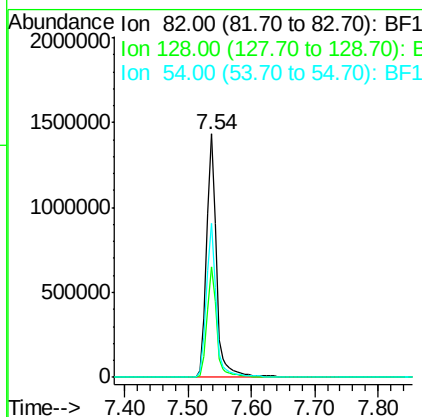
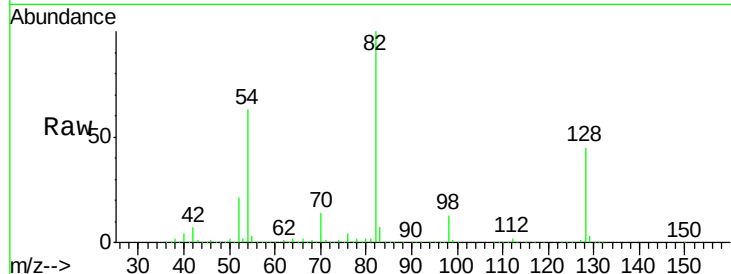




#23
 Nitrobenzene-d5
 Concen: 96.908 ng
 RT: 7.54 min Scan# 884
 Delta R.T. -0.01 min
 Lab File: BF107534.D
 Acq: 20 Jul 2018 20:05

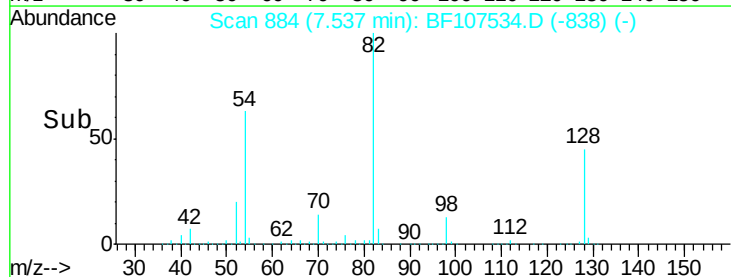
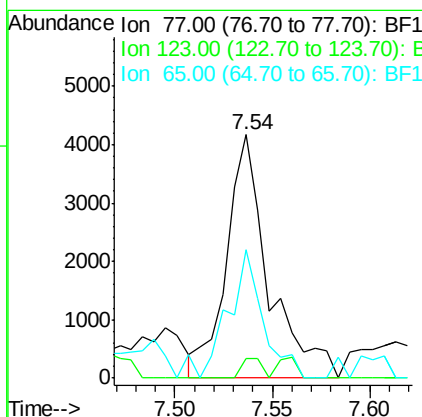
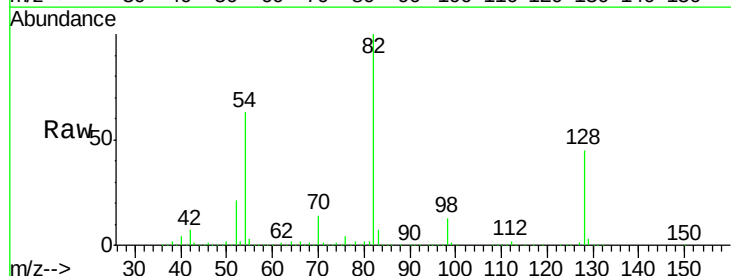
Instrument :
 BNA_F
 ClientSampleId :
 NS-SOIL

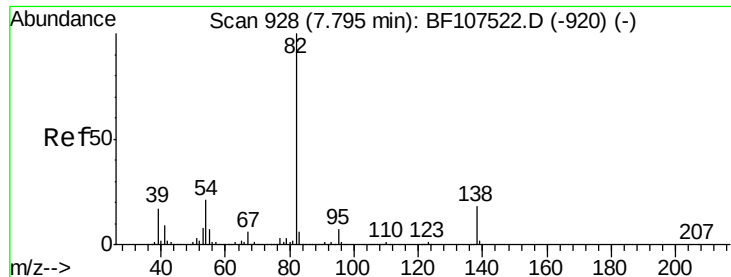
Tgt Ion: 82 Resp: 1548703
 Ion Ratio Lower Upper
 82 100
 128 45.3 36.1 54.1
 54 63.3 41.4 62.2#



#24
 Nitrobenzene
 Concen: 0.340 ng
 RT: 7.54 min Scan# 884
 Delta R.T. -0.03 min
 Lab File: BF107534.D
 Acq: 20 Jul 2018 20:05

Tgt Ion: 77 Resp: 6221
 Ion Ratio Lower Upper
 77 100
 123 8.3 37.9 56.9#
 65 52.7 11.0 16.4#





#25

Isophorone

Concen: 45.389 ng

RT: 7.54 min Scan# 884

Delta R.T. -0.26 min

Lab File: BF107534.D

Acq: 20 Jul 2018 20:05

Instrument :

BNA_F

ClientSampleId :

NS-SOIL

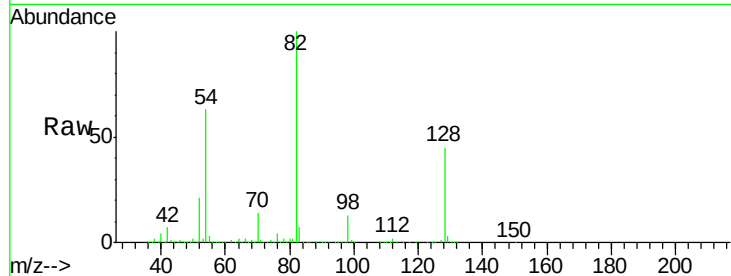
Tgt Ion: 82 Resp: 1548780

Ion Ratio Lower Upper

82 100

95 0.1 5.2 7.8#

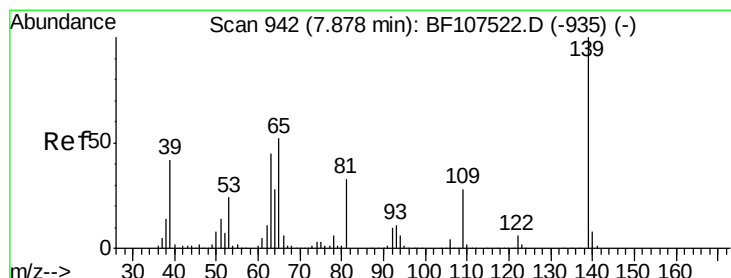
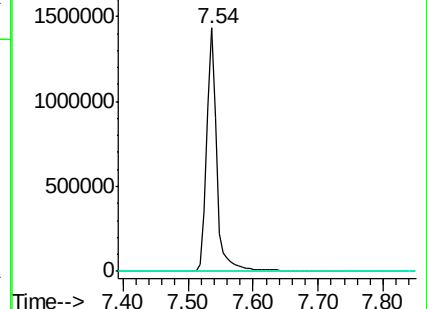
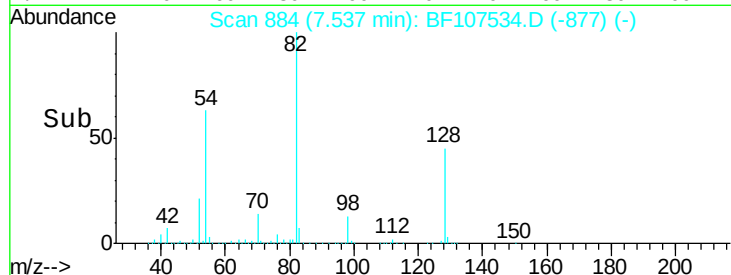
138 0.0 14.9 22.3#



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 0.044 ng

RT: 8.00 min Scan# 962

Delta R.T. 0.12 min

Lab File: BF107534.D

Acq: 20 Jul 2018 20:05

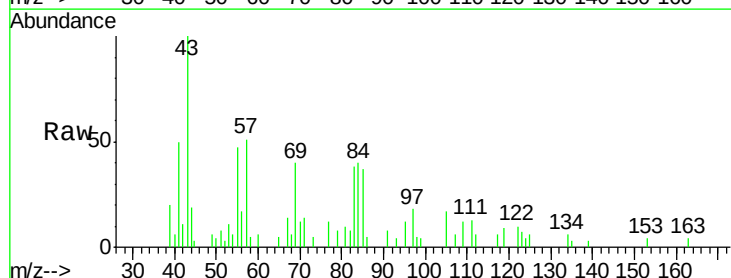
Tgt Ion: 139 Resp: 338

Ion Ratio Lower Upper

139 100

109 375.9 22.7 34.1#

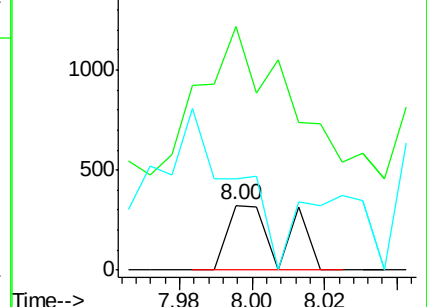
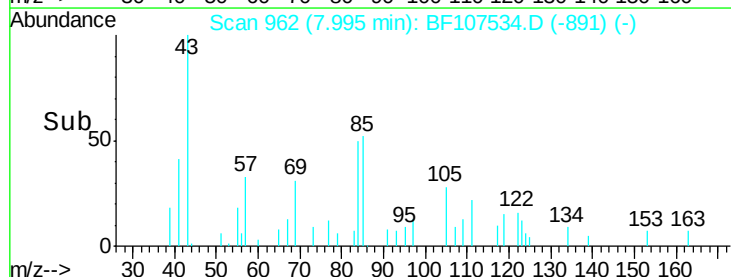
65 141.4 40.5 60.7#

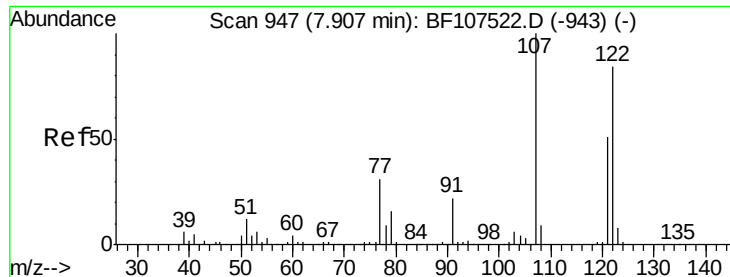


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 0.017 ng

RT: 7.91 min Scan# 947

Delta R.T. 0.00 min

Lab File: BF107534.D

Acq: 20 Jul 2018 20:05

Instrument :

BNA_F

ClientSampleId :

NS-SOIL

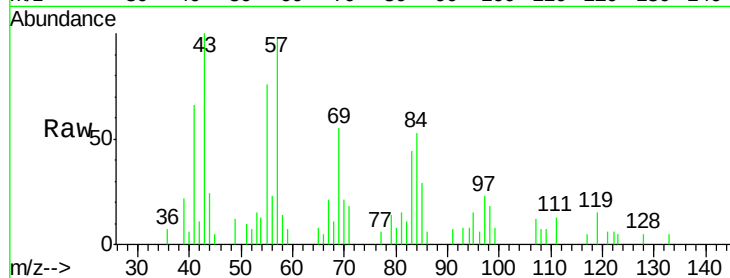
Tgt Ion:122 Resp: 247

Ion Ratio Lower Upper

122 100

107 209.7 91.2 136.8#

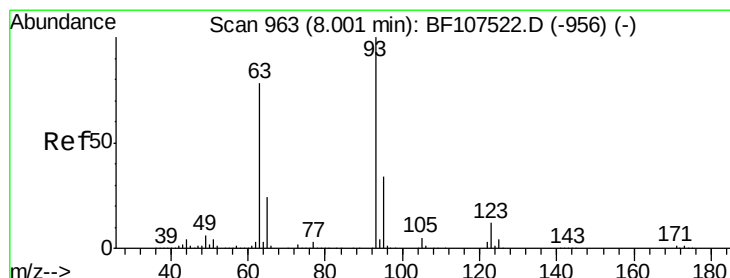
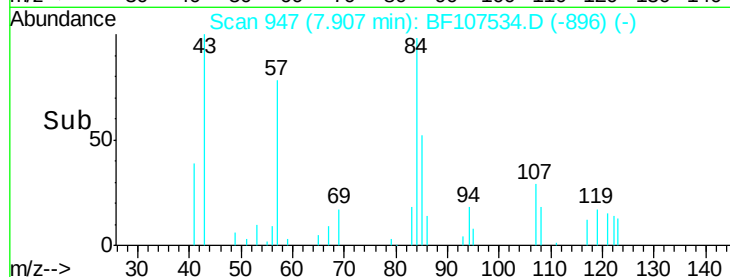
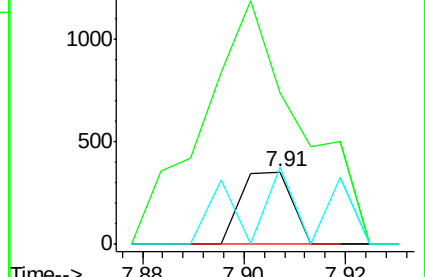
121 106.5 47.2 70.8#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 0.036 ng

RT: 7.98 min Scan# 960

Delta R.T. -0.02 min

Lab File: BF107534.D

Acq: 20 Jul 2018 20:05

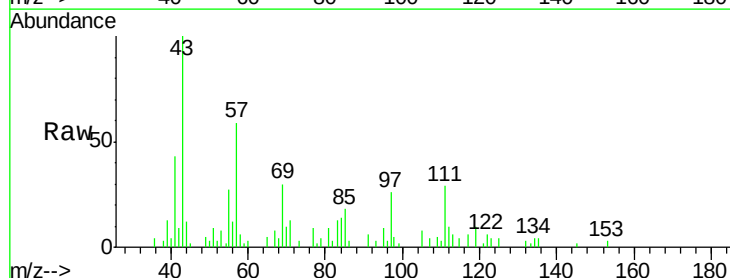
Tgt Ion: 93 Resp: 831

Ion Ratio Lower Upper

93 100

95 292.2 26.3 39.5#

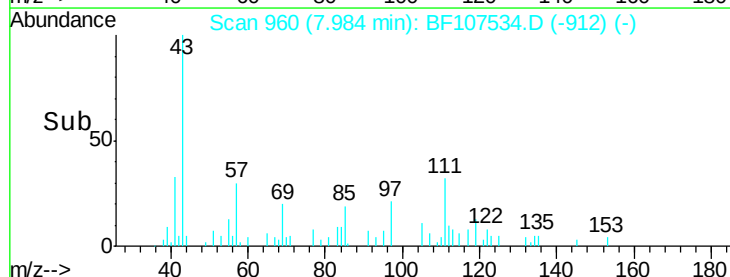
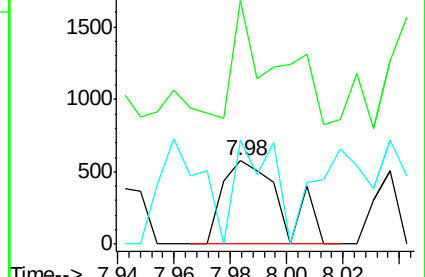
123 124.8 9.8 14.6#

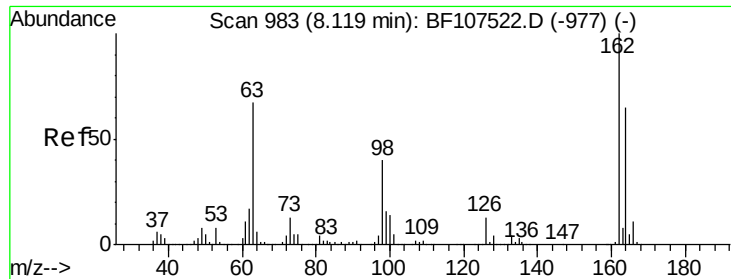


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

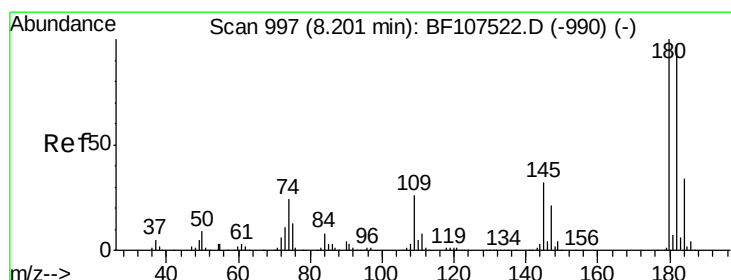
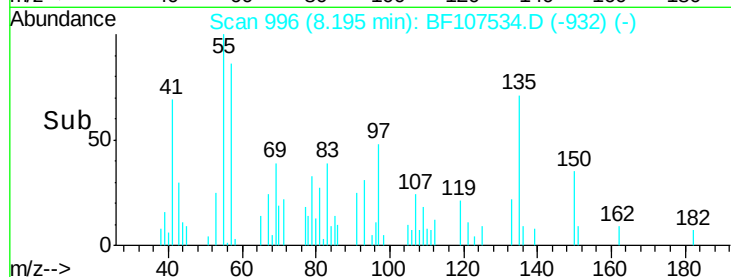
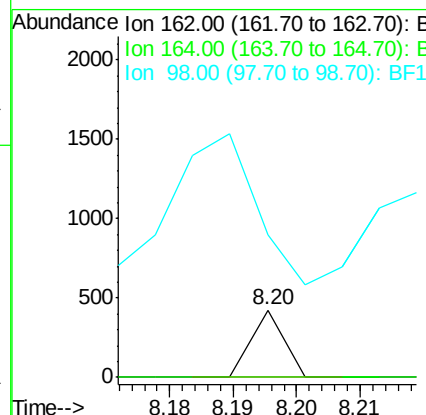
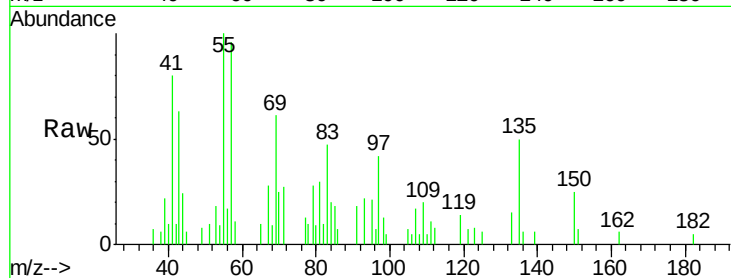




#29
2,4-Dichlorophenol
Concen: 0.010 ng
RT: 8.20 min Scan# 996
Delta R.T. 0.08 min
Lab File: BF107534.D
Acq: 20 Jul 2018 20:05

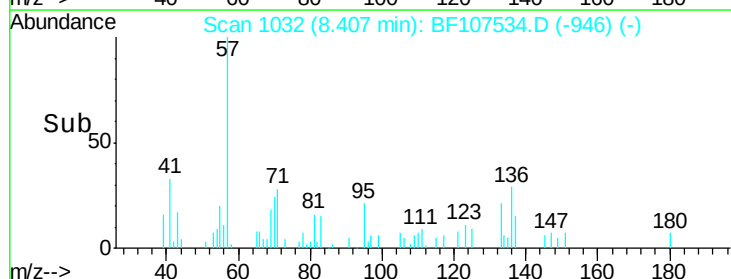
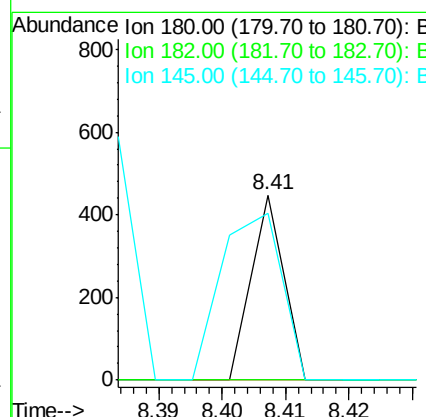
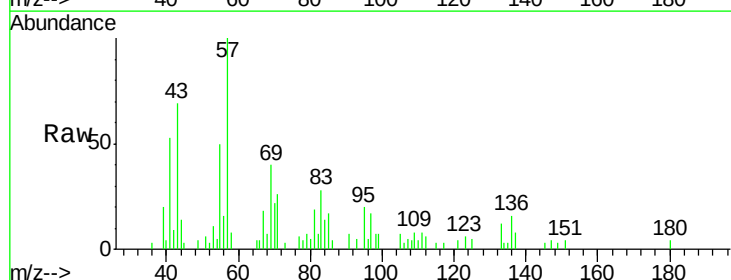
Instrument :
BNA_F
ClientSampleId :
NS-SOIL

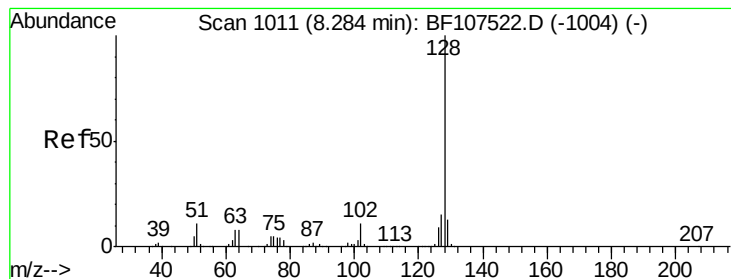
Tgt Ion:162 Resp: 150
Ion Ratio Lower Upper
162 100
164 0.0 42.7 82.7#
98 212.0 18.1 58.1#



#30
1,2,4-Trichlorobenzene
Concen: 0.009 ng
RT: 8.41 min Scan# 1032
Delta R.T. 0.21 min
Lab File: BF107534.D
Acq: 20 Jul 2018 20:05

Tgt Ion:180 Resp: 158
Ion Ratio Lower Upper
180 100
182 0.0 76.8 115.2#
145 90.2 26.5 39.7#





#31

Naphthalene

Concen: 0.088 ng

RT: 8.28 min Scan# 1010

Delta R.T. -0.01 min

Lab File: BF107534.D

Acq: 20 Jul 2018 20:05

Instrument :

BNA_F

ClientSampleId :

NS-SOIL

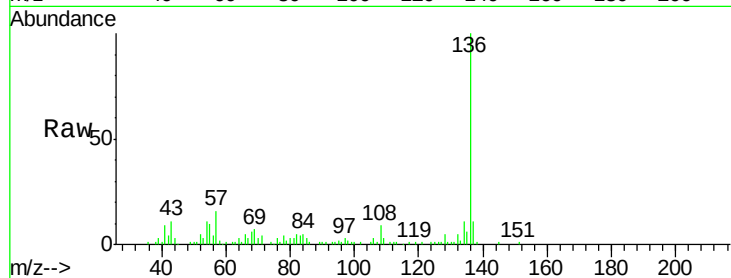
Tgt Ion:128 Resp: 4171

Ion Ratio Lower Upper

128 100

129 26.4 8.8 13.2#

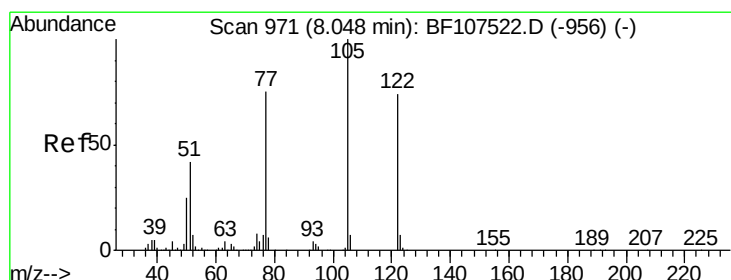
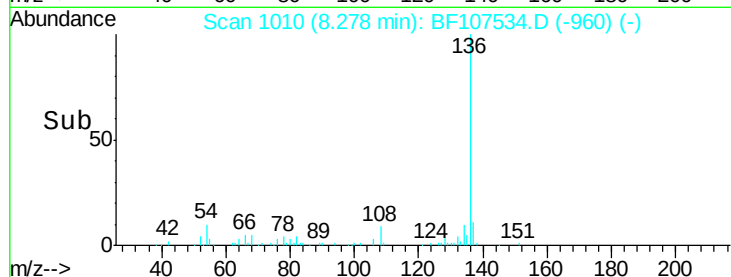
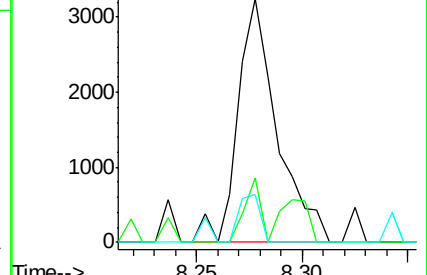
127 19.6 10.9 16.3#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 7.955 ng

RT: 8.09 min Scan# 978

Delta R.T. 0.04 min

Lab File: BF107534.D

Acq: 20 Jul 2018 20:05

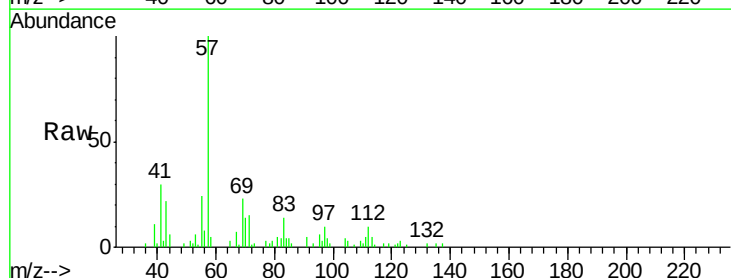
Tgt Ion:122 Resp: 676

Ion Ratio Lower Upper

122 100

105 155.3 101.1 141.1#

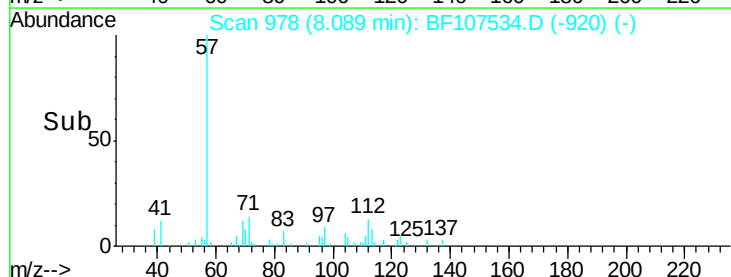
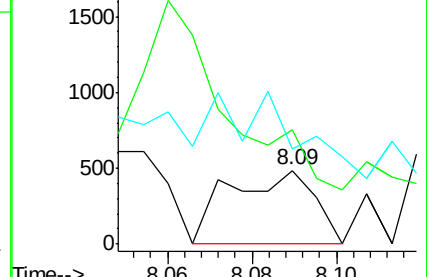
77 130.1 70.7 110.7#

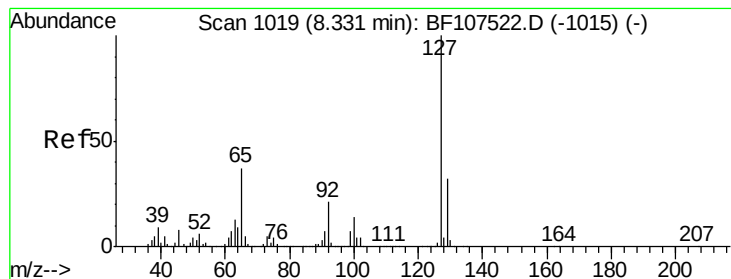


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





#33

4-Chloroaniline

Concen: 0.007 ng

RT: 8.34 min Scan# 1021

Delta R.T. 0.01 min

Lab File: BF107534.D

Acq: 20 Jul 2018 20:05

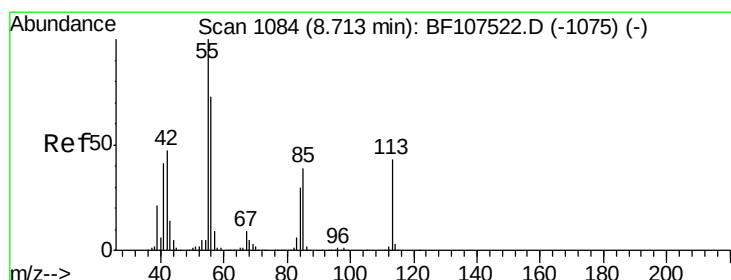
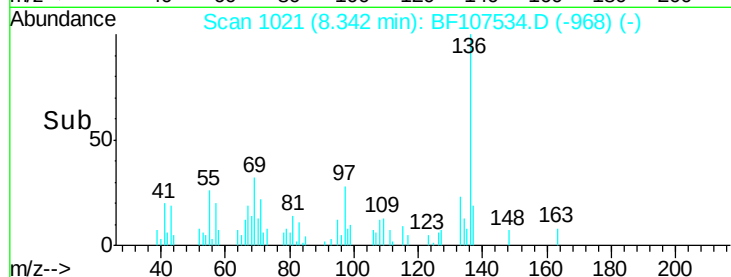
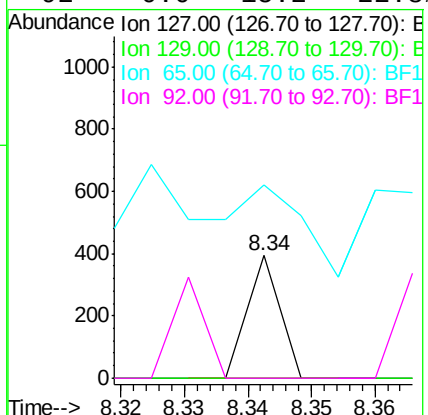
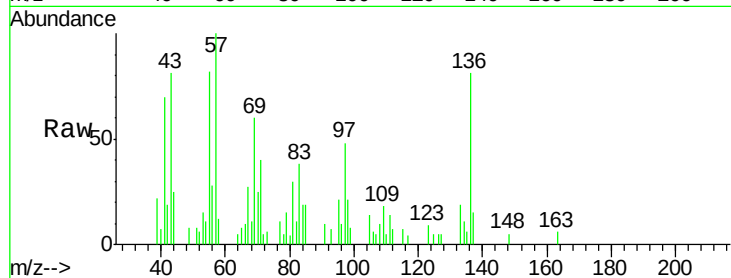
Instrument :

BNA_F

ClientSampleId :

NS-SOIL

Tgt Ion:	127	Resp:	139
Ion	Ratio	Lower	Upper
127	100		
129	0.0	25.9	38.9#
65	157.6	25.0	37.4#
92	0.0	15.2	22.8#



#35

Caprolactam

Concen: 0.100 ng

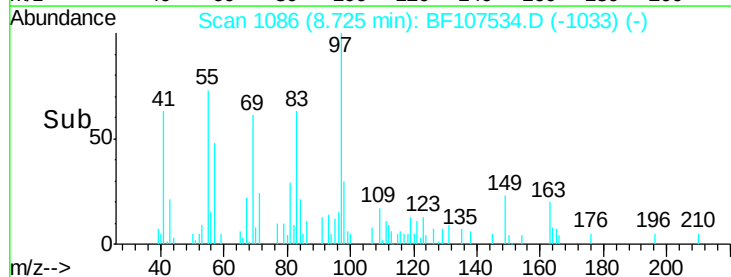
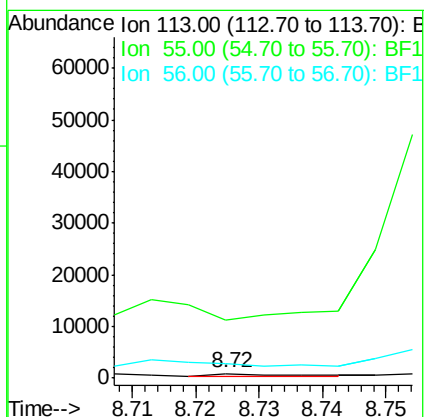
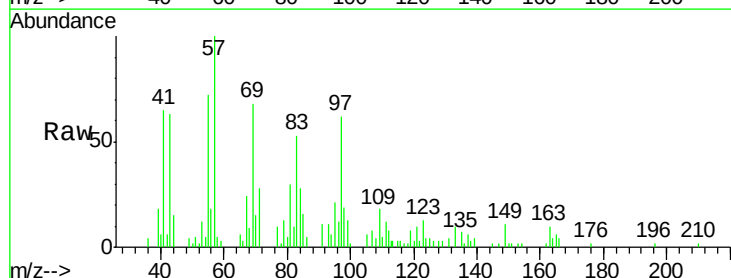
RT: 8.72 min Scan# 1086

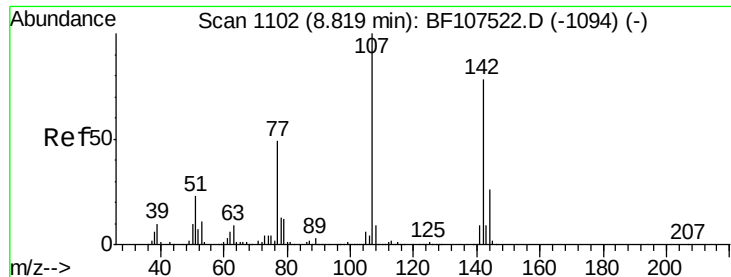
Delta R.T. 0.01 min

Lab File: BF107534.D

Acq: 20 Jul 2018 20:05

Tgt Ion:	113	Resp:	486
Ion	Ratio	Lower	Upper
113	100		
55	1271.6	163.3	203.3#
56	314.4	115.7	155.7#

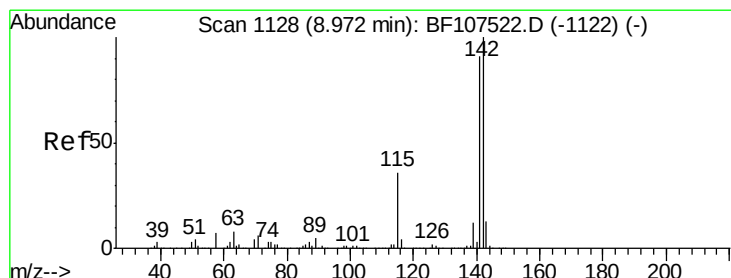
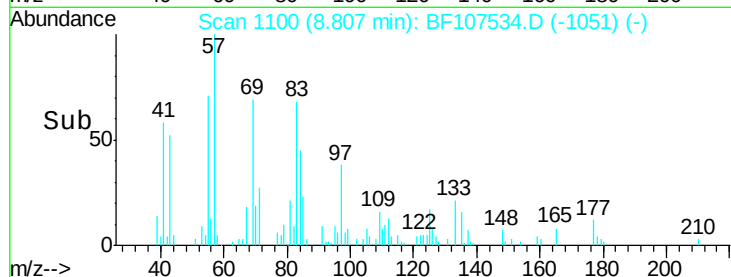
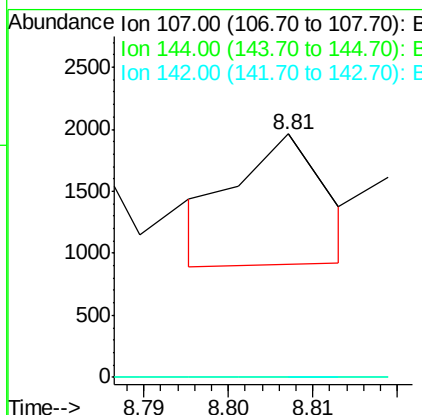
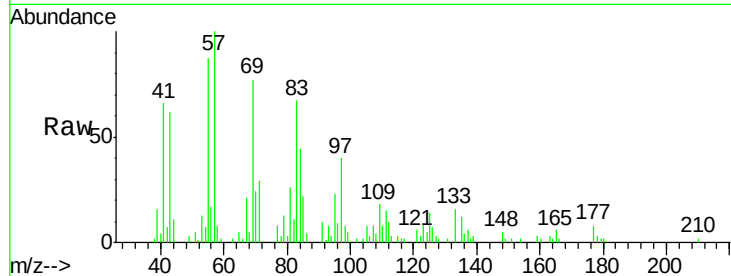




#36
 4-Chloro-3-methylphenol
 Concen: 0.046 ng
 RT: 8.81 min Scan# 1100
 Delta R.T. -0.01 min
 Lab File: BF107534.D
 Acq: 20 Jul 2018 20:05

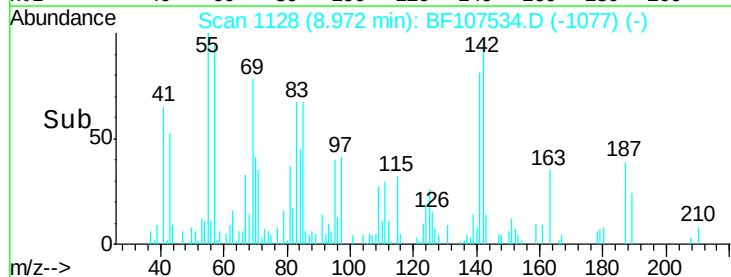
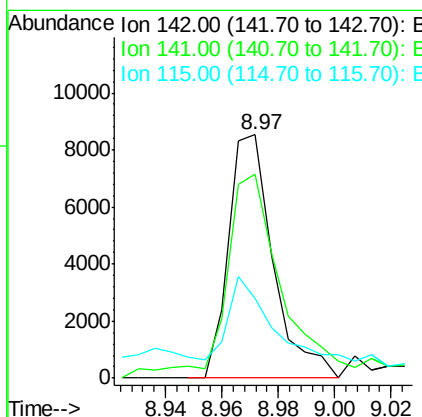
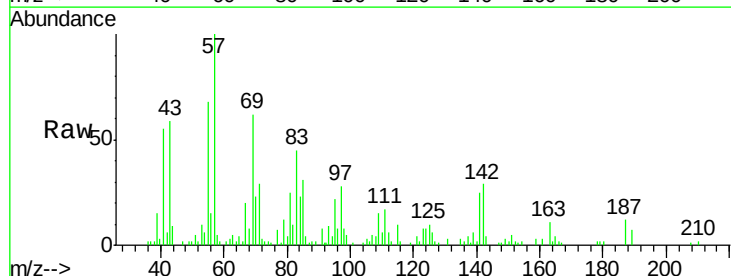
Instrument :
 BNA_F
 ClientSampleId :
 NS-SOIL

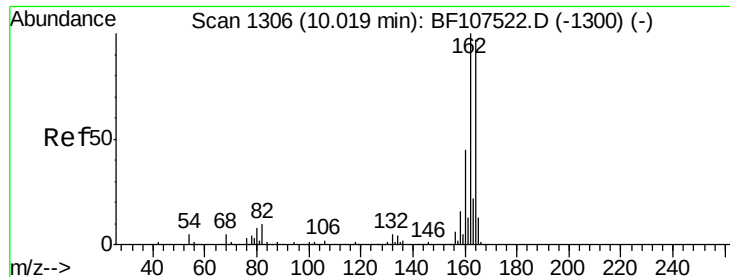
Tgt Ion:107 Resp: 764
 Ion Ratio Lower Upper
 107 100
 144 0.0 20.5 30.7#
 142 0.0 62.0 93.0#



#37
 2-Methylnaphthalene
 Concen: 0.285 ng
 RT: 8.97 min Scan# 1128
 Delta R.T. 0.00 min
 Lab File: BF107534.D
 Acq: 20 Jul 2018 20:05

Tgt Ion:142 Resp: 9359
 Ion Ratio Lower Upper
 142 100
 141 83.5 70.8 106.2
 115 32.7 26.1 39.1





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.01 min Scan# 1305

Delta R.T. -0.01 min

Lab File: BF107534.D

Acq: 20 Jul 2018 20:05

Instrument :

BNA_F

ClientSampleId :

NS-SOIL

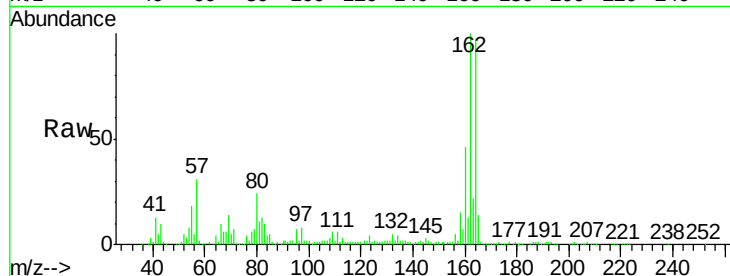
Tgt Ion:164 Resp: 386446

Ion Ratio Lower Upper

164 100

162 102.7 86.1 129.1

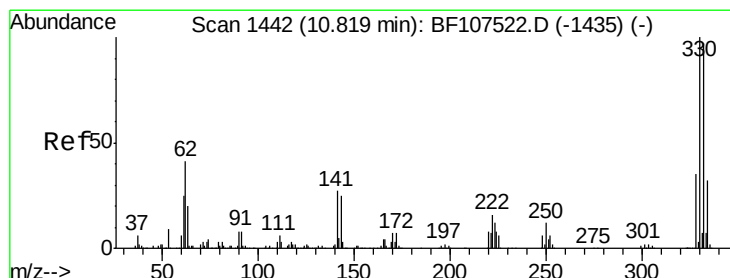
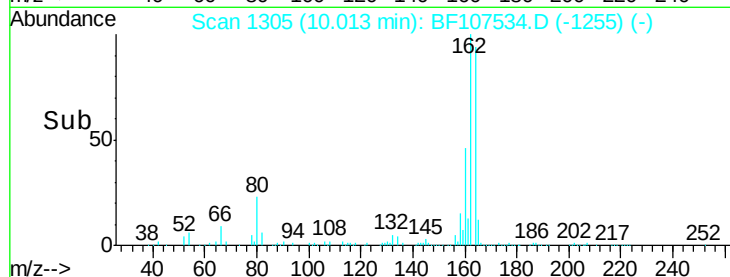
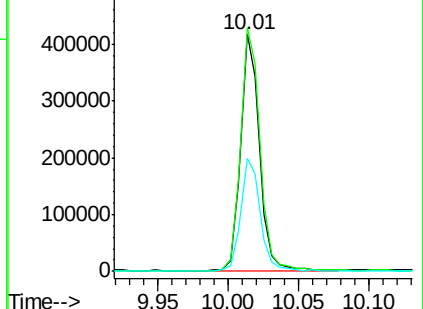
160 47.6 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 115.923 ng

RT: 10.81 min Scan# 1441

Delta R.T. -0.01 min

Lab File: BF107534.D

Acq: 20 Jul 2018 20:05

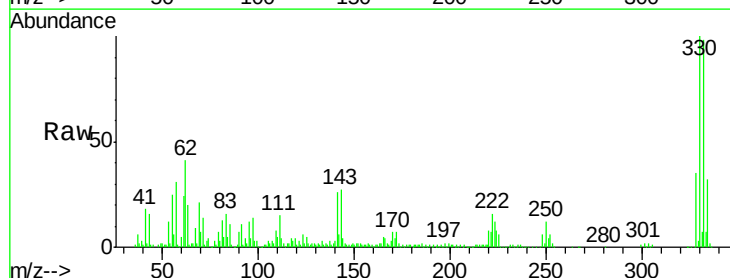
Tgt Ion:330 Resp: 509424

Ion Ratio Lower Upper

330 100

332 97.7 77.0 115.6

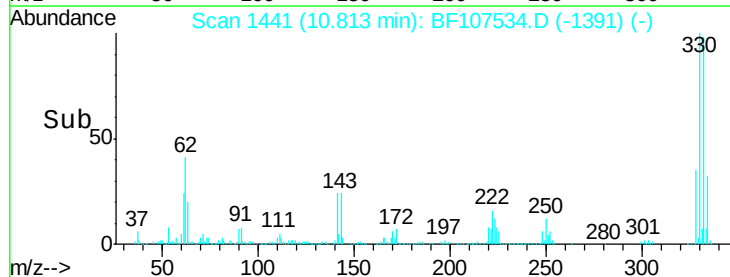
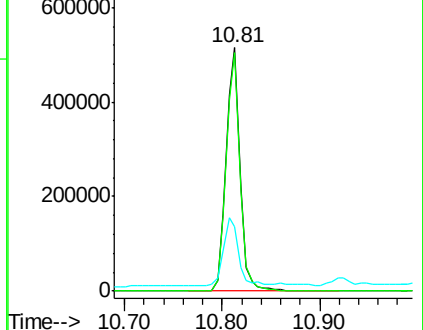
141 30.5 29.9 44.9

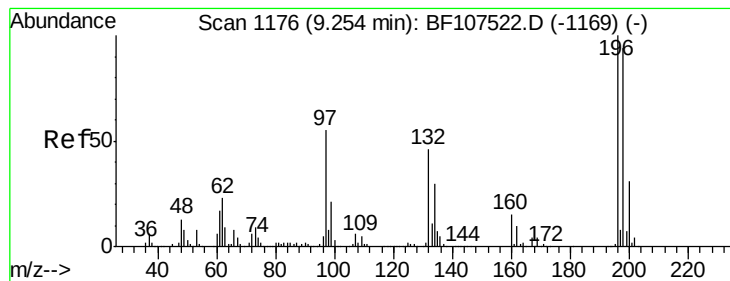


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#42

2,4,6-Trichlorophenol

Concen: 0.014 ng

RT: 9.25 min Scan# 1175

Delta R.T. -0.01 min

Lab File: BF107534.D

Acq: 20 Jul 2018 20:05

Instrument :

BNA_F

ClientSampleId :

NS-SOIL

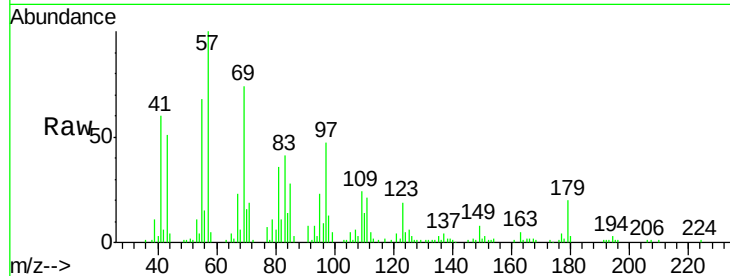
Tgt Ion:196 Resp: 116

Ion Ratio Lower Upper

196 100

198 0.0 75.7 113.5#

200 0.0 24.5 36.7#



Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

9.25

300

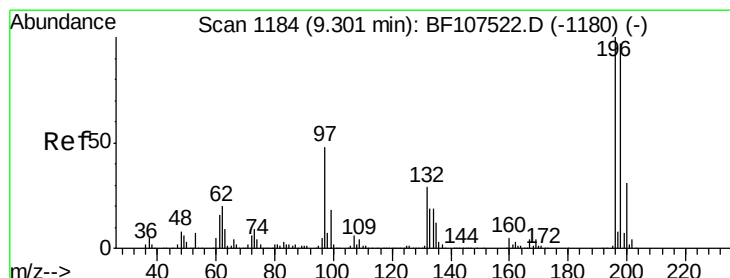
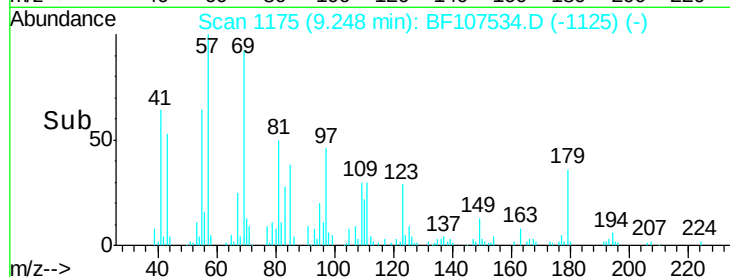
200

100

0

9.23 9.24 9.25 9.26

Time-->



#43

2,4,5-Trichlorophenol

Concen: 0.013 ng

RT: 9.28 min Scan# 1181

Delta R.T. -0.02 min

Lab File: BF107534.D

Acq: 20 Jul 2018 20:05

Tgt Ion:196 Resp: 115

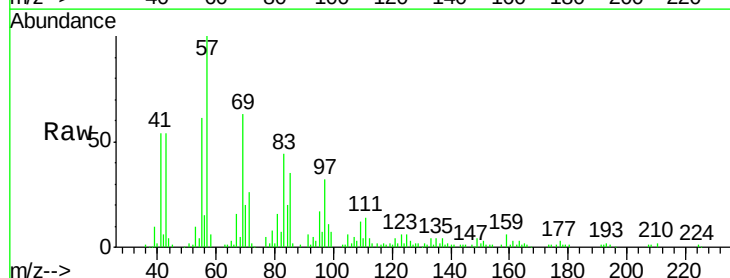
Ion Ratio Lower Upper

196 100

198 0.0 74.6 112.0#

97 6947.2 42.9 64.3#

132 191.1 26.3 39.5#



Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E

60000

50000

40000

30000

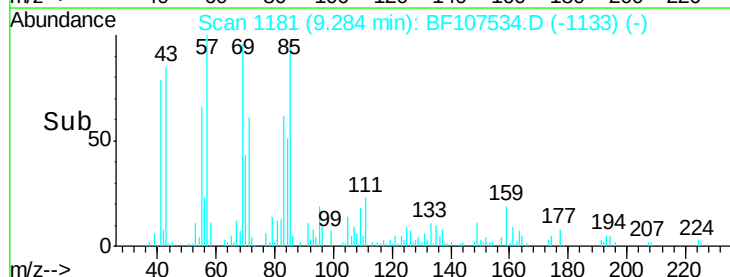
20000

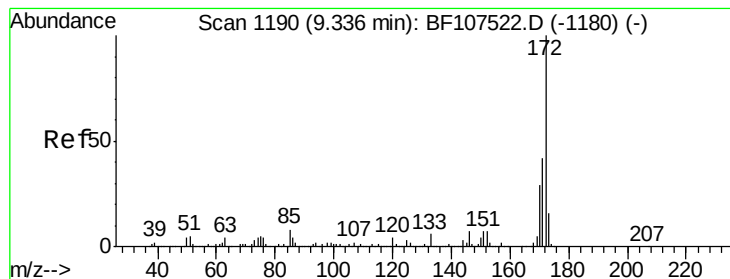
10000

0

9.27 9.28 9.29 9.30

Time-->





#44

2-Fluorobiphenyl

Concen: 107.688 ng

RT: 9.33 min Scan# 1189

Delta R.T. -0.01 min

Lab File: BF107534.D

Acq: 20 Jul 2018 20:05

Instrument :

BNA_F

ClientSampleId :

NS-SOIL

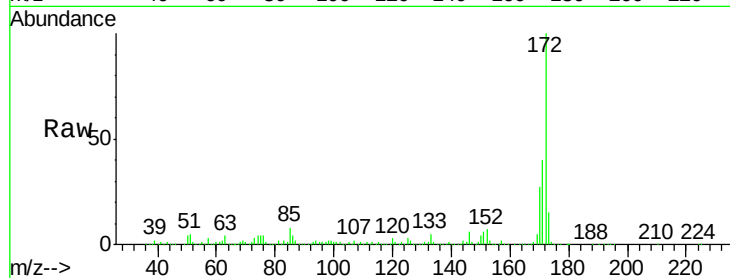
Tgt Ion:172 Resp: 2261299

Ion Ratio Lower Upper

172 100

171 40.3 29.7 44.5

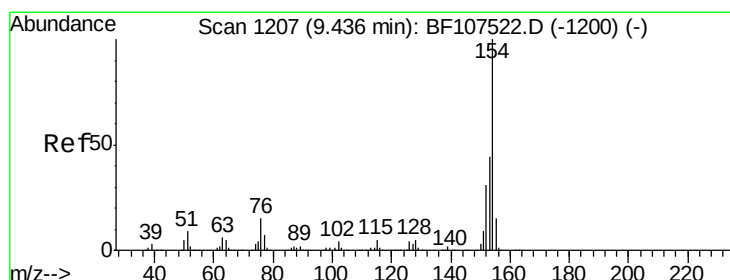
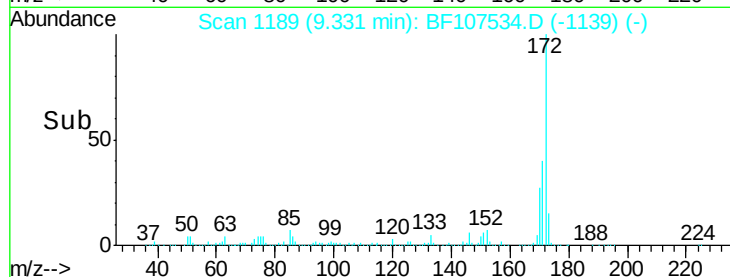
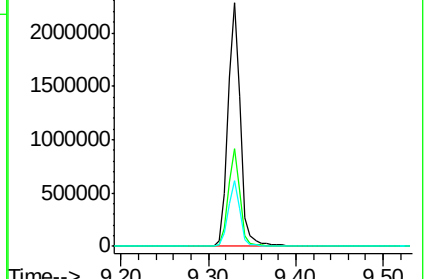
170 26.9 19.6 29.4



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#45

1,1'-Biphenyl

Concen: 0.421 ng

RT: 9.44 min Scan# 1207

Delta R.T. 0.00 min

Lab File: BF107534.D

Acq: 20 Jul 2018 20:05

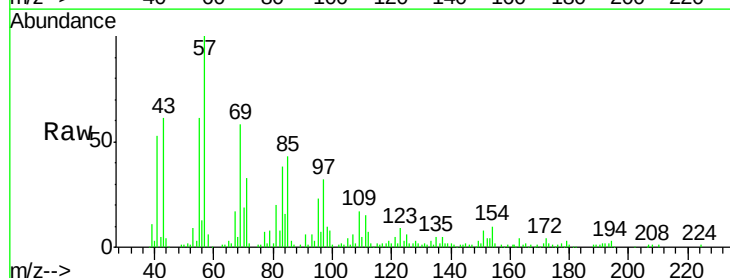
Tgt Ion:154 Resp: 14165

Ion Ratio Lower Upper

154 100

153 42.4 21.3 61.3

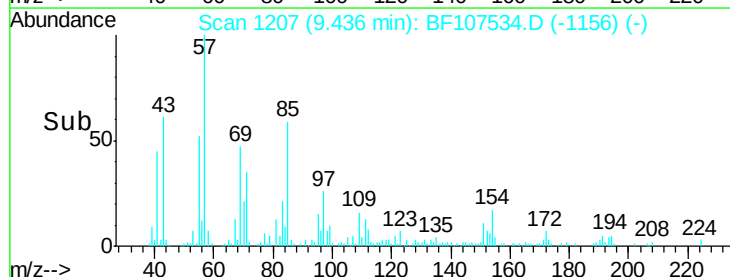
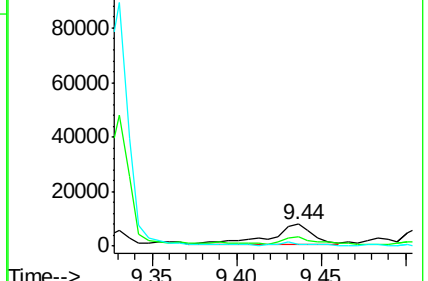
76 10.5 0.0 34.0

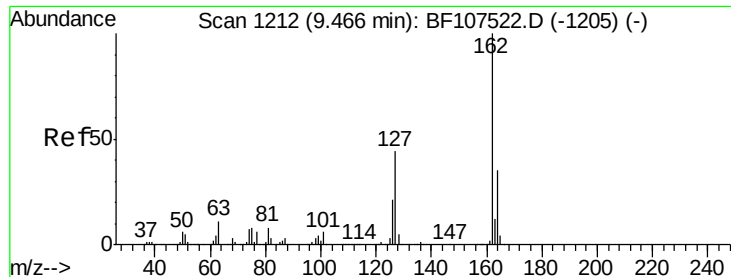


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1

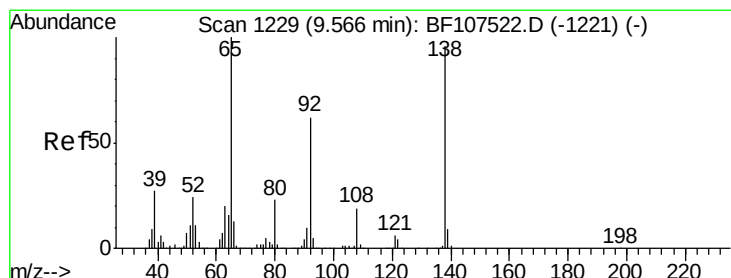
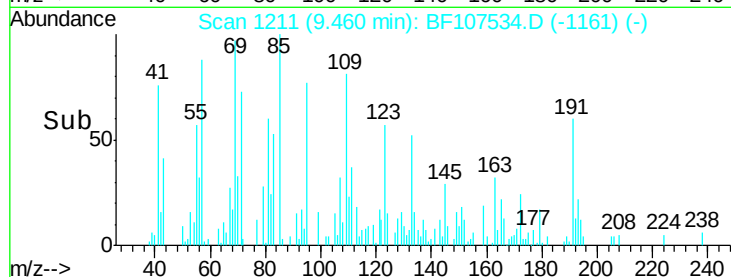
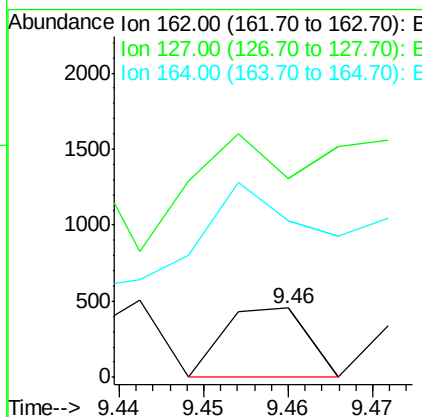
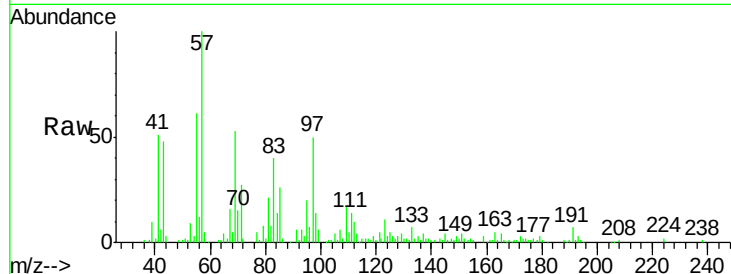




#46
 2-Chloronaphthalene
 Concen: 0.012 ng
 RT: 9.46 min Scan# 1211
 Delta R.T. -0.01 min
 Lab File: BF107534.D
 Acq: 20 Jul 2018 20:05

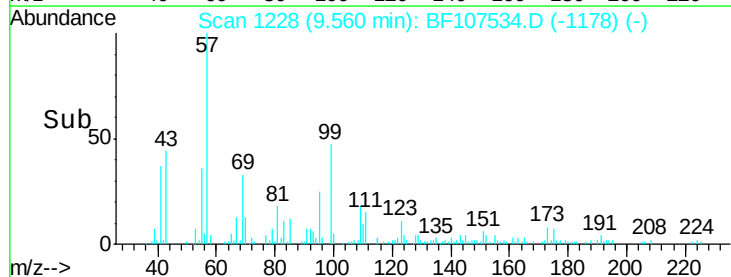
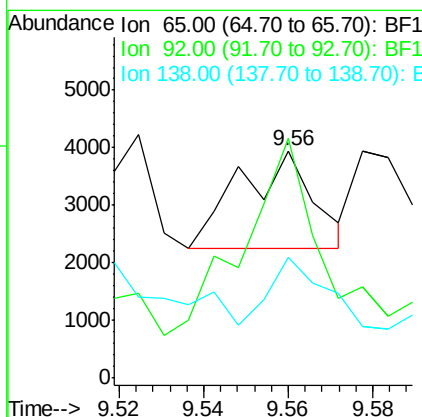
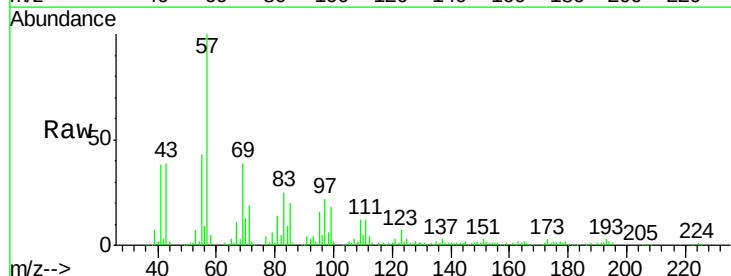
Instrument :
 BNA_F
 ClientSampleId :
 NS-SOIL

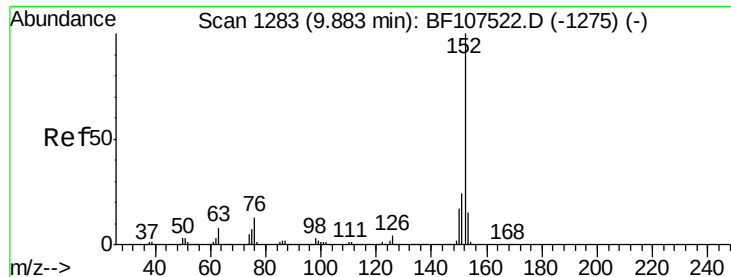
Tgt Ion: 162 Resp: 312
 Ion Ratio Lower Upper
 162 100
 127 286.4 33.9 50.9#
 164 227.0 26.5 39.7#



#47
 2-Nitroaniline
 Concen: 0.279 ng
 RT: 9.56 min Scan# 1228
 Delta R.T. -0.01 min
 Lab File: BF107534.D
 Acq: 20 Jul 2018 20:05

Tgt Ion: 65 Resp: 2093
 Ion Ratio Lower Upper
 65 100
 92 105.3 55.8 83.6#
 138 53.1 91.2 136.8#





#48

Acenaphthylene

Concen: 0.281 ng

RT: 9.87 min Scan# 1281

Delta R.T. -0.01 min

Lab File: BF107534.D

Acq: 20 Jul 2018 20:05

Instrument :

BNA_F

ClientSampleId :

NS-SOIL

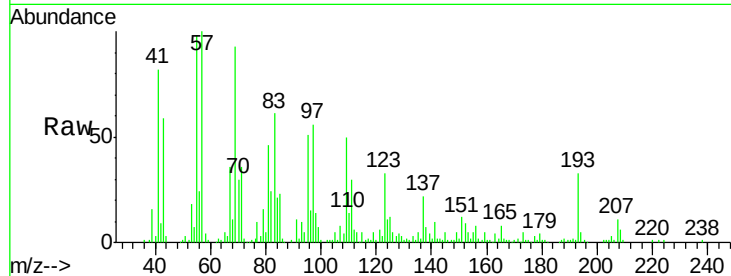
Tgt Ion:152 Resp: 10857

Ion Ratio Lower Upper

152 100

151 130.7 16.3 24.5#

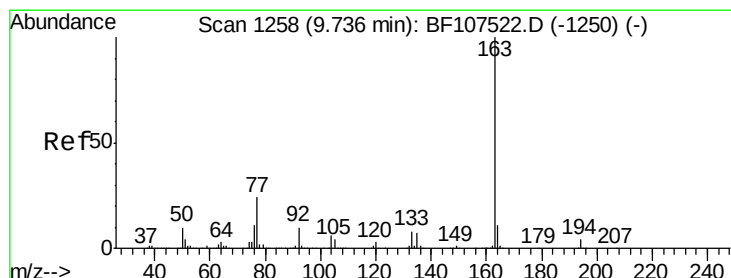
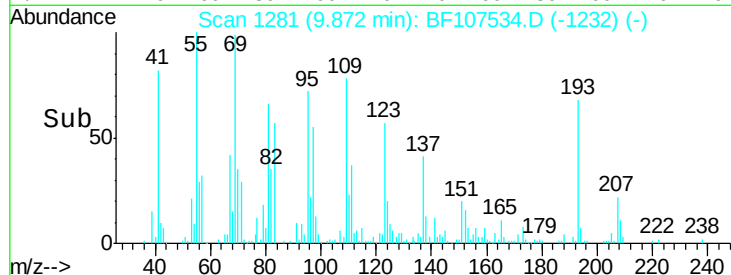
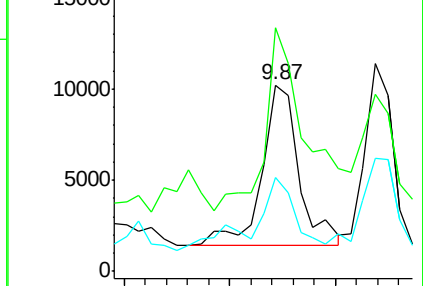
153 50.7 10.7 16.1#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 6.572 ng

RT: 9.72 min Scan# 1255

Delta R.T. -0.02 min

Lab File: BF107534.D

Acq: 20 Jul 2018 20:05

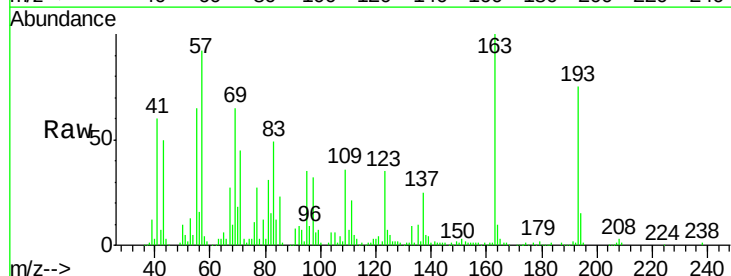
Tgt Ion:163 Resp: 191414

Ion Ratio Lower Upper

163 100

194 15.0 2.7 4.1#

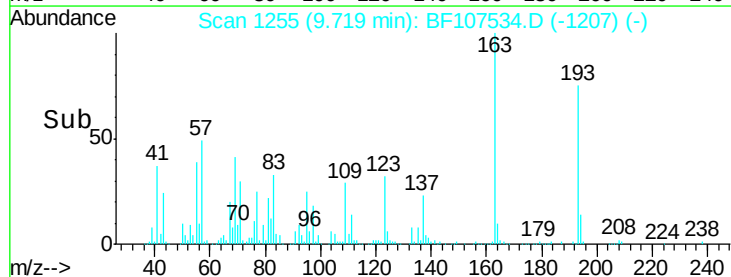
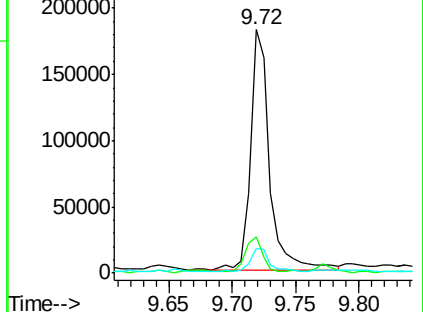
164 10.1 8.2 12.2

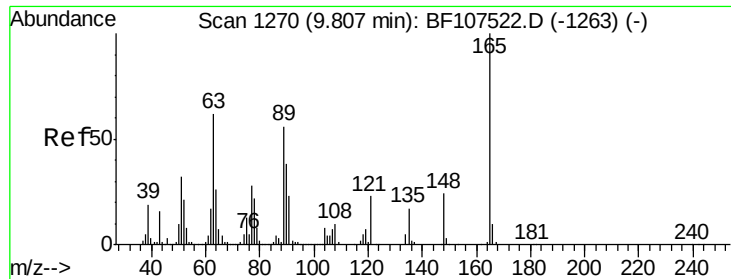


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

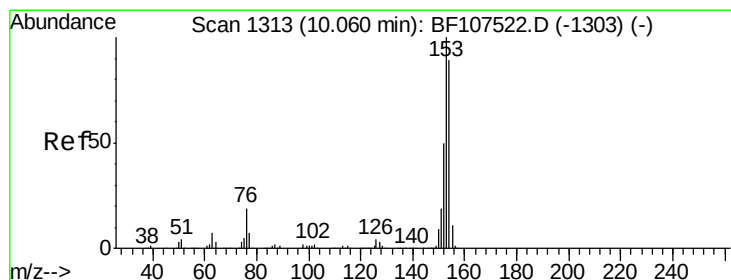
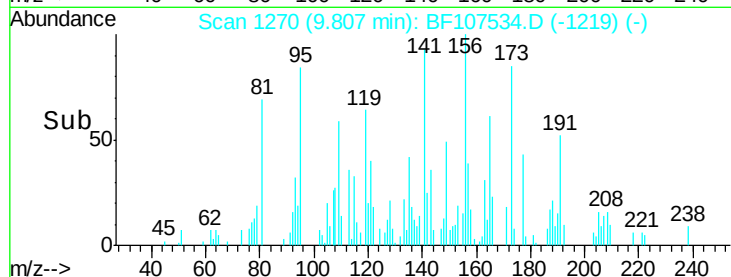
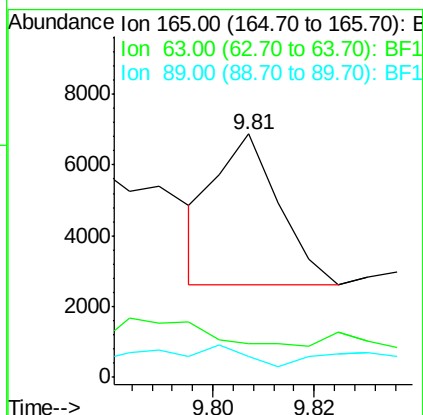
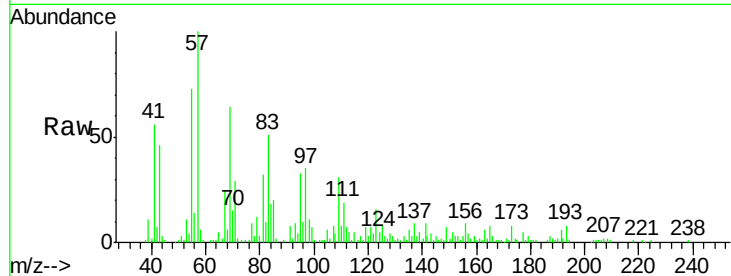




#50
 2,6-Dinitrotoluene
 Concen: 0.630 ng
 RT: 9.81 min Scan# 1270
 Delta R.T. 0.00 min
 Lab File: BF107534.D
 Acq: 20 Jul 2018 20:05

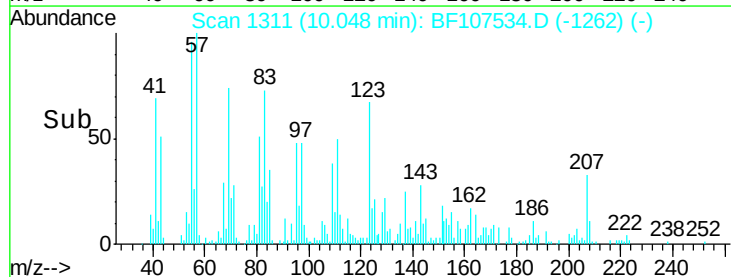
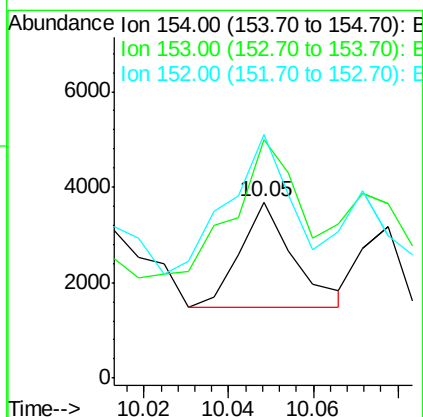
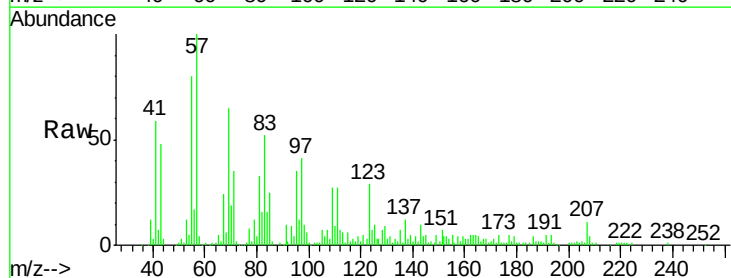
Instrument :
 BNA_F
 ClientSampleId :
 NS-SOIL

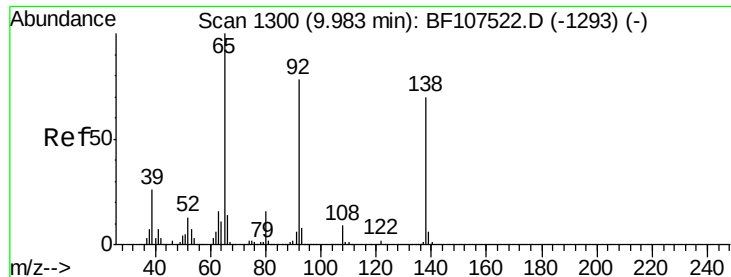
Tgt Ion:165 Resp: 3644
 Ion Ratio Lower Upper
 165 100
 63 14.1 44.7 67.1#
 89 8.3 44.0 66.0#



#51
 Acenaphthene
 Concen: 0.082 ng
 RT: 10.05 min Scan# 1311
 Delta R.T. -0.01 min
 Lab File: BF107534.D
 Acq: 20 Jul 2018 20:05

Tgt Ion:154 Resp: 1979
 Ion Ratio Lower Upper
 154 100
 153 135.3 91.2 136.8
 152 138.4 43.8 65.8#





#52

3-Nitroaniline

Concen: 1.621 ng

RT: 9.96 min Scan# 1296

Delta R.T. -0.02 min

Lab File: BF107534.D

Acq: 20 Jul 2018 20:05

Instrument :

BNA_F

ClientSampled :

NS-SOIL

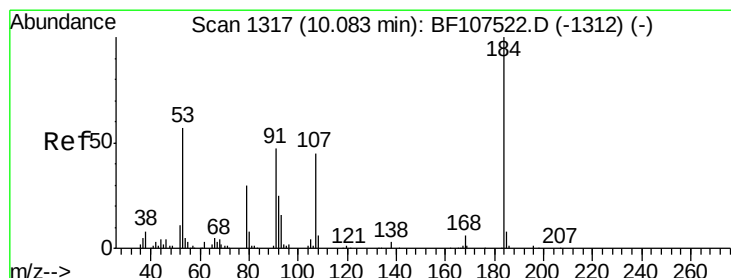
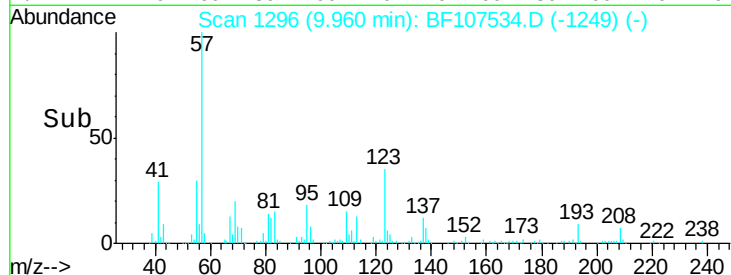
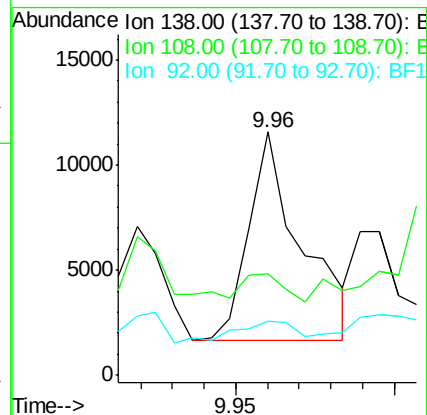
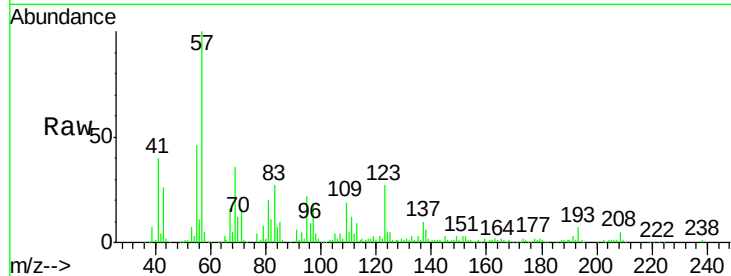
Tgt Ion:138 Resp: 11402

Ion Ratio Lower Upper

138 100

108 41.6 9.4 14.0#

92 22.2 89.4 134.2#



#53

2,4-Dinitrophenol

Concen: 9.948 ng

RT: 10.33 min Scan# 1359

Delta R.T. 0.25 min

Lab File: BF107534.D

Acq: 20 Jul 2018 20:05

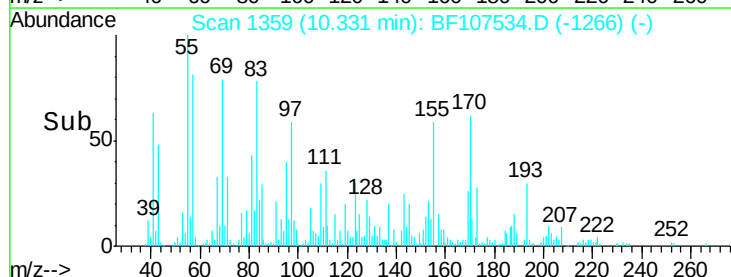
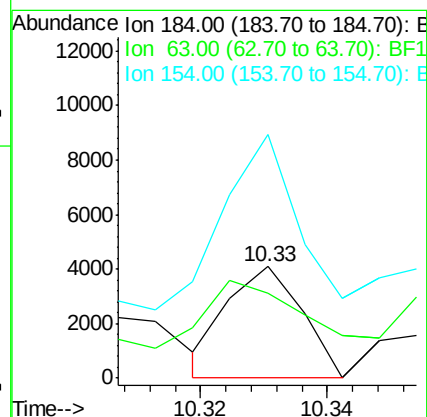
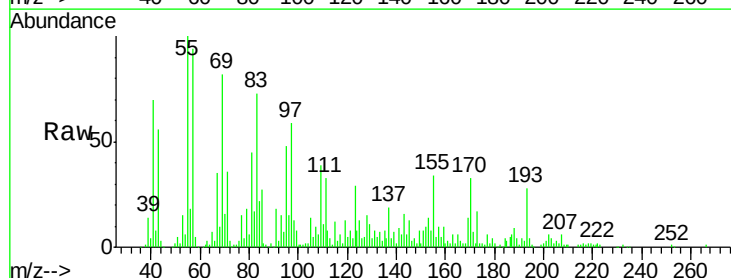
Tgt Ion:184 Resp: 3314

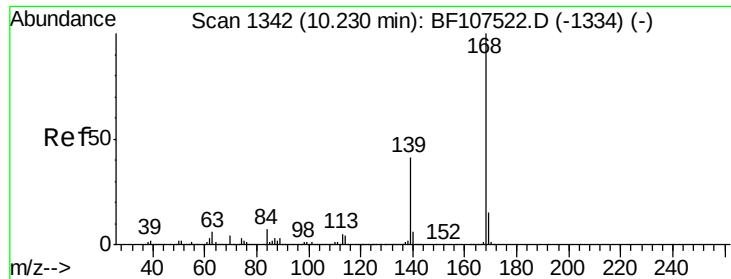
Ion Ratio Lower Upper

184 100

63 76.2 54.2 81.2

154 218.1 184.0 276.0





#54

Dibenzenofuran

Concen: 0.081 ng

RT: 10.22 min Scan# 1341

Delta R.T. -0.01 min

Lab File: BF107534.D

Acq: 20 Jul 2018 20:05

Instrument :

BNA_F

ClientSampleId :

NS-SOIL

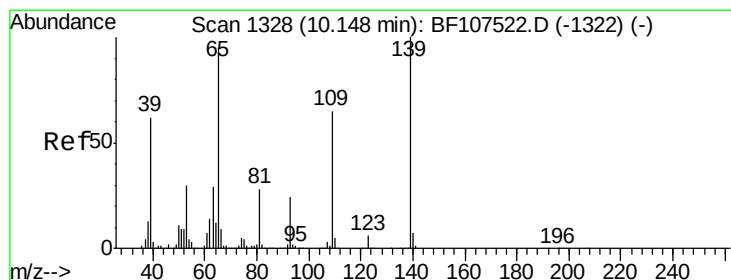
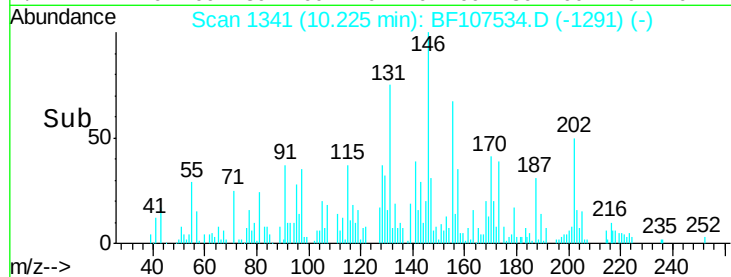
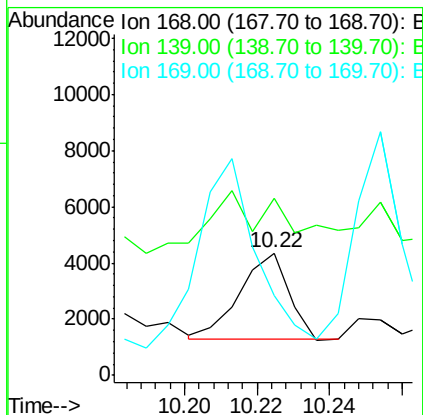
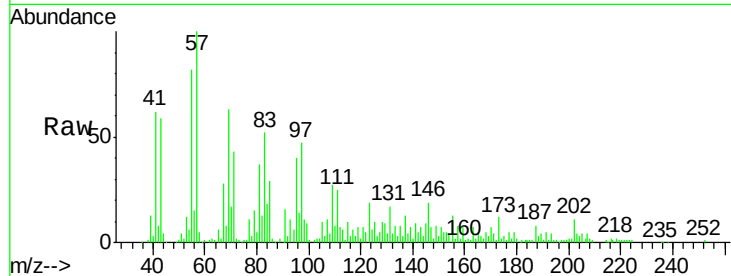
Tgt Ion:168 Resp: 2879

Ion Ratio Lower Upper

168 100

139 144.3 30.1 45.1#

169 65.7 10.9 16.3#



#55

4-Nitrophenol

Concen: 0.373 ng

RT: 10.11 min Scan# 1322

Delta R.T. -0.04 min

Lab File: BF107534.D

Acq: 20 Jul 2018 20:05

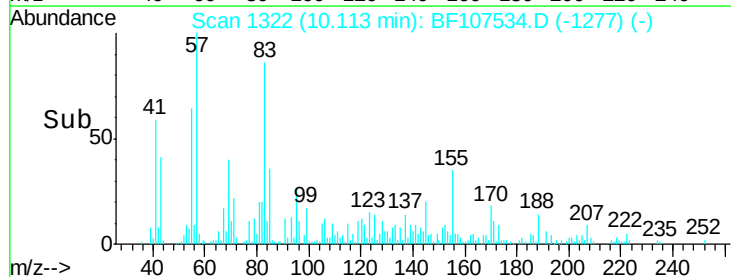
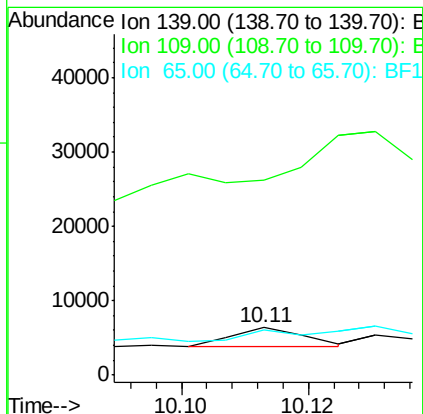
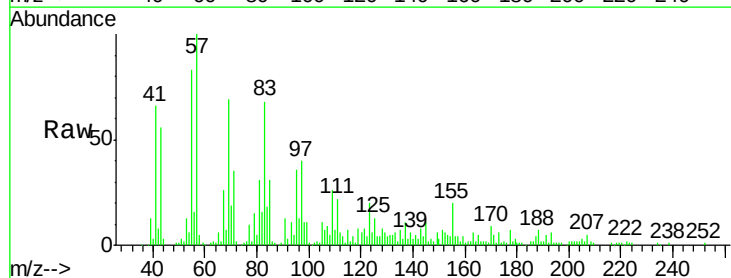
Tgt Ion:139 Resp: 1962

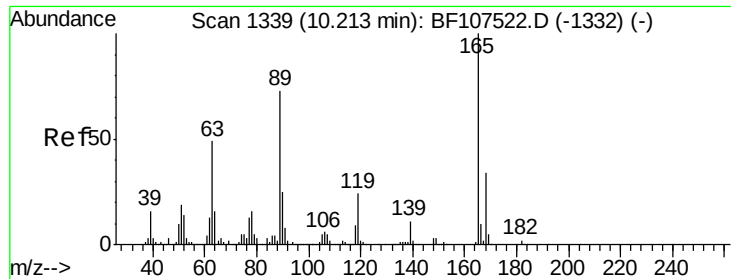
Ion Ratio Lower Upper

139 100

109 413.0 48.4 88.4#

65 94.6 72.6 112.6

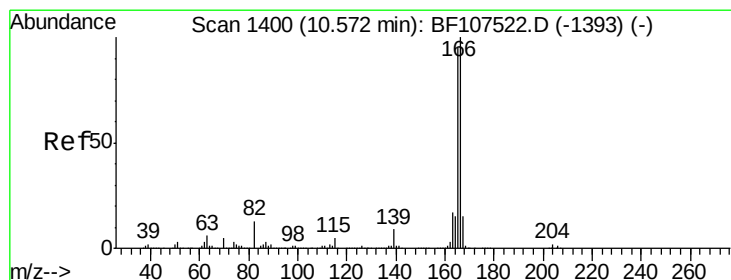
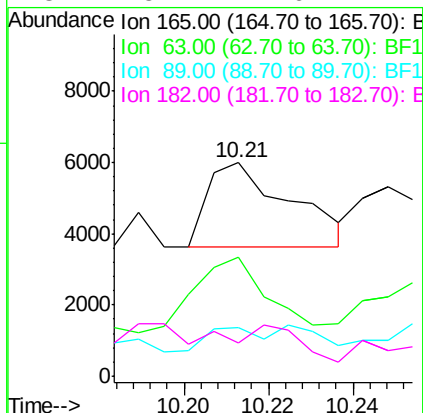
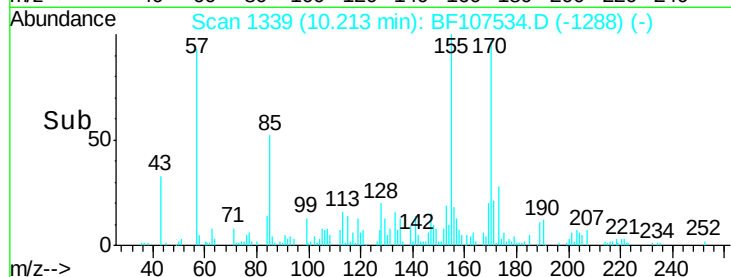
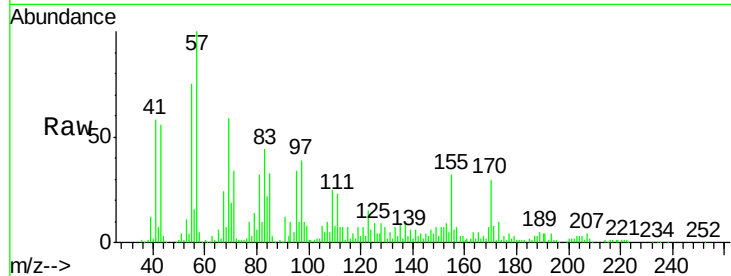




#56
2,4-Dinitrotoluene
Concen: 0.457 ng
RT: 10.21 min Scan# 1339
Delta R.T. 0.00 min
Lab File: BF107534.D
Acq: 20 Jul 2018 20:05

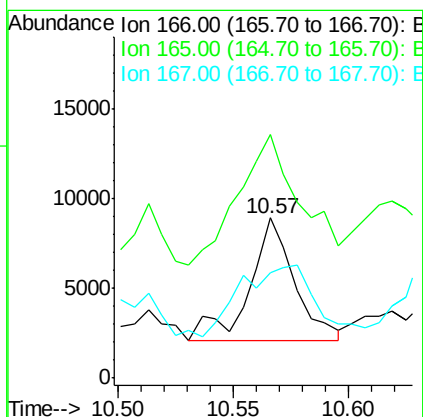
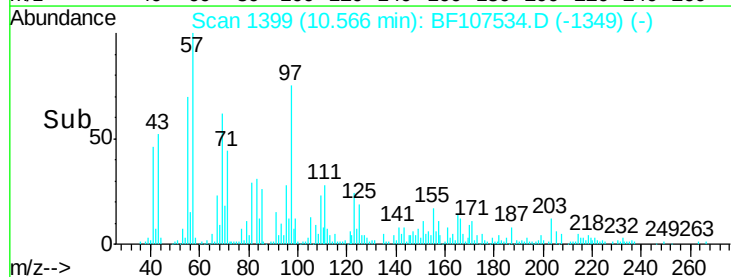
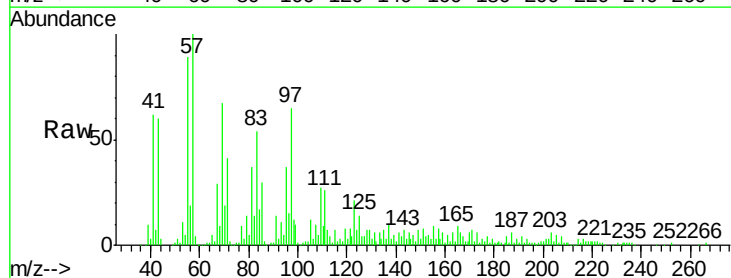
Instrument :
BNA_F
ClientSampleId :
NS-SOIL

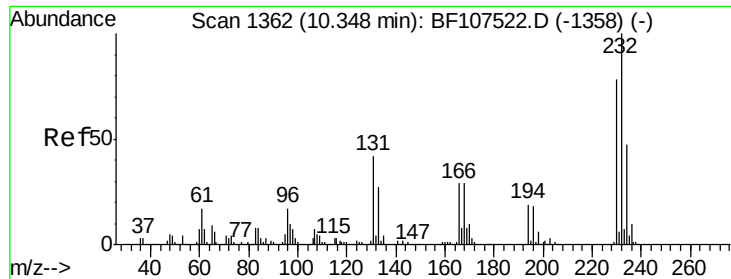
Tgt Ion:165 Resp: 3193
Ion Ratio Lower Upper
165 100
63 55.9 36.4 54.6#
89 23.0 57.8 86.6#
182 15.7 1.6 2.4#



#57
Fluorene
Concen: 0.372 ng
RT: 10.57 min Scan# 1399
Delta R.T. -0.01 min
Lab File: BF107534.D
Acq: 20 Jul 2018 20:05

Tgt Ion:166 Resp: 9469
Ion Ratio Lower Upper
166 100
165 152.0 79.8 119.8#
167 65.4 10.6 16.0#

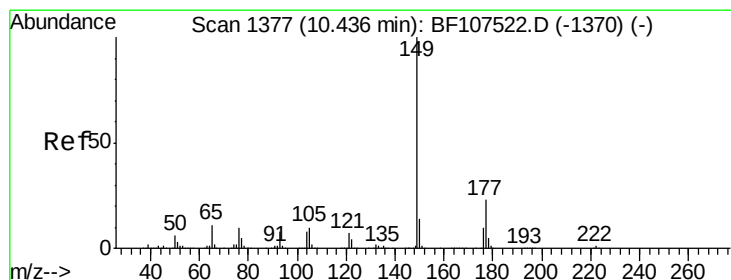
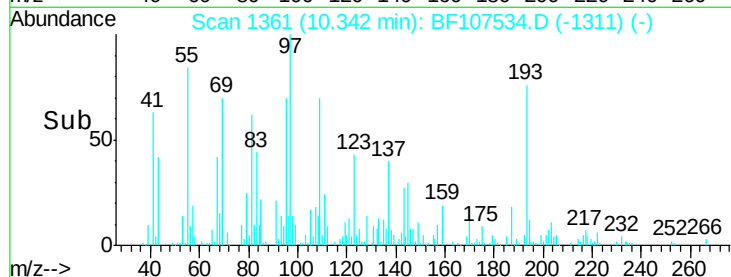
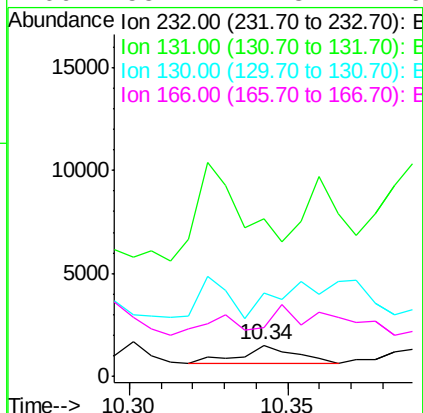
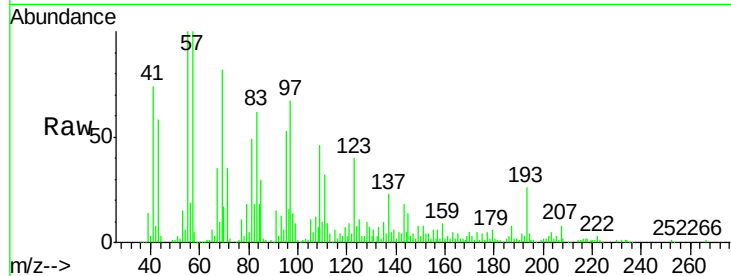




#58
2,3,4,6-Tetrachlorophenol
Concen: 0.150 ng
RT: 10.34 min Scan# 1361
Delta R.T. -0.01 min
Lab File: BF107534.D
Acq: 20 Jul 2018 20:05

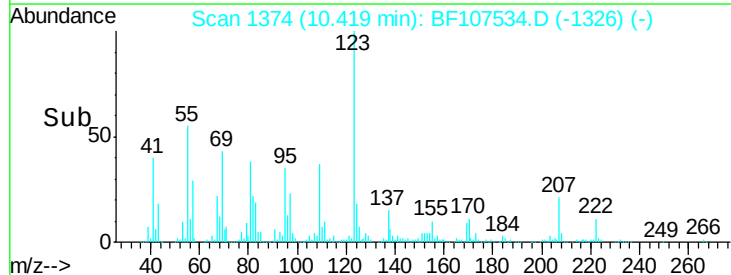
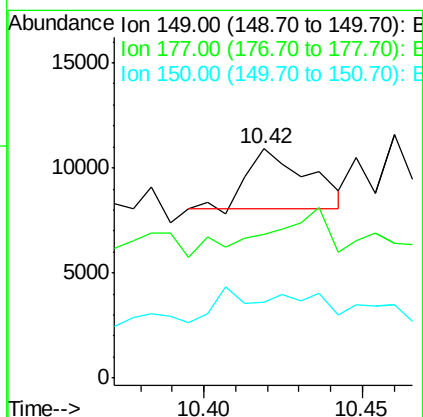
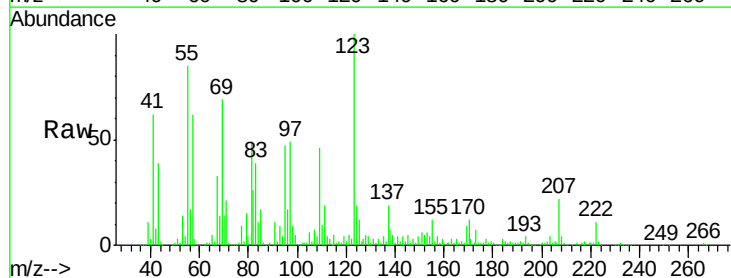
Instrument :
BNA_F
ClientSampleId :
NS-SOIL

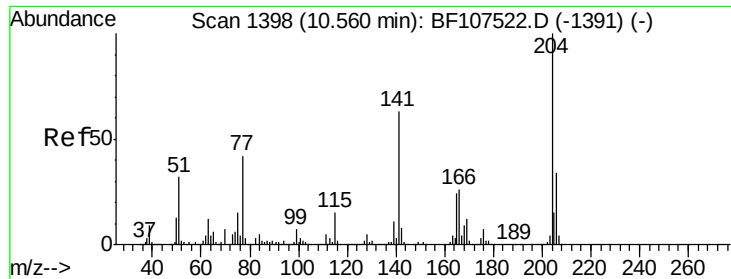
Tgt Ion: 232 Resp: 1079
Ion Ratio Lower Upper
232 100
131 0.0 43.8 65.8#
130 0.0 2.1 3.1#
166 55.4 27.8 41.6#



#59
Diethylphthalate
Concen: 0.124 ng
RT: 10.42 min Scan# 1374
Delta R.T. -0.02 min
Lab File: BF107534.D
Acq: 20 Jul 2018 20:05

Tgt Ion: 149 Resp: 3758
Ion Ratio Lower Upper
149 100
177 62.7 16.1 24.1#
150 33.1 10.1 15.1#

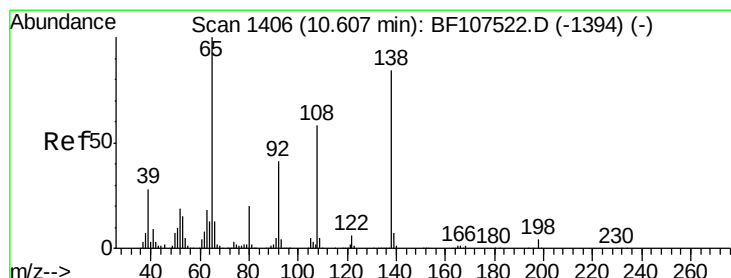
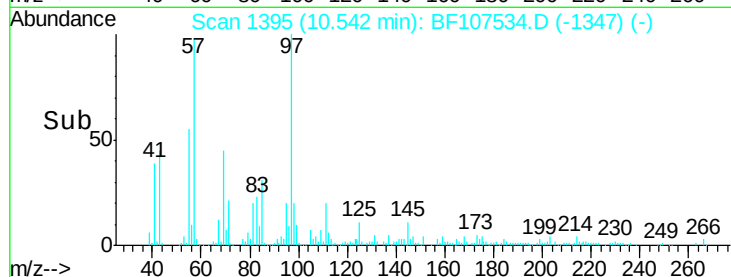
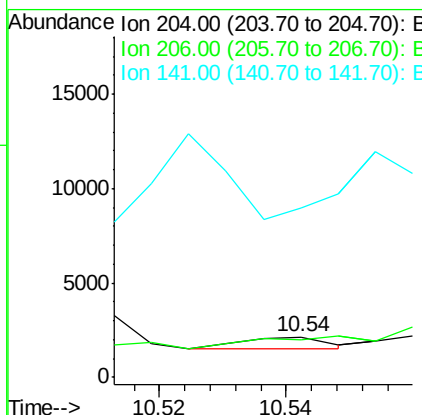
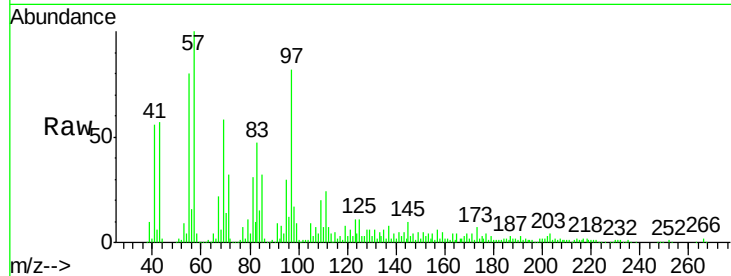




#60
4-Chlorophenyl-phenylether
Concen: 0.038 ng
RT: 10.54 min Scan# 1395
Delta R.T. -0.02 min
Lab File: BF107534.D
Acq: 20 Jul 2018 20:05

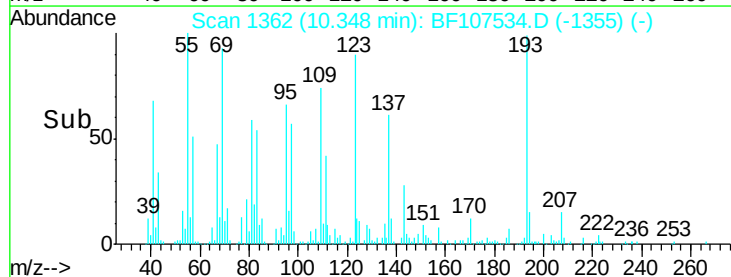
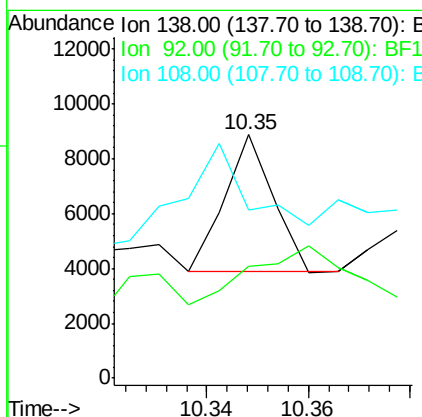
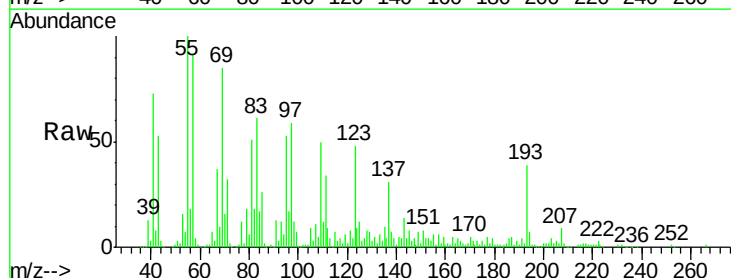
Instrument :
BNA_F
ClientSampleId :
NS-SOIL

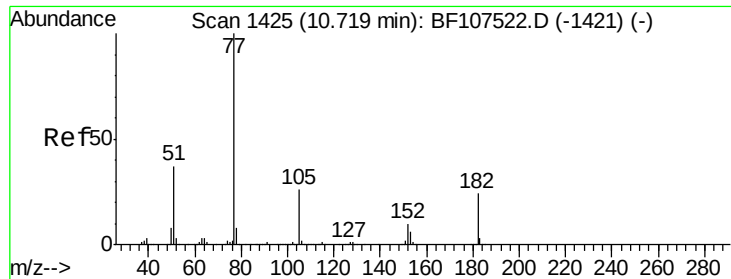
Tgt Ion: 204 Resp: 550
Ion Ratio Lower Upper
204 100
206 92.8 26.5 39.7#
141 418.4 54.6 81.8#



#61
4-Nitroaniline
Concen: 0.560 ng
RT: 10.35 min Scan# 1362
Delta R.T. -0.26 min
Lab File: BF107534.D
Acq: 20 Jul 2018 20:05

Tgt Ion: 138 Resp: 3311
Ion Ratio Lower Upper
138 100
92 45.9 30.2 70.2
108 69.0 52.5 92.5





#62

Azobenzene

Concen: 0.114 ng

RT: 10.71 min Scan# 1423

Delta R.T. -0.01 min

Lab File: BF107534.D

Acq: 20 Jul 2018 20:05

Instrument :

BNA_F

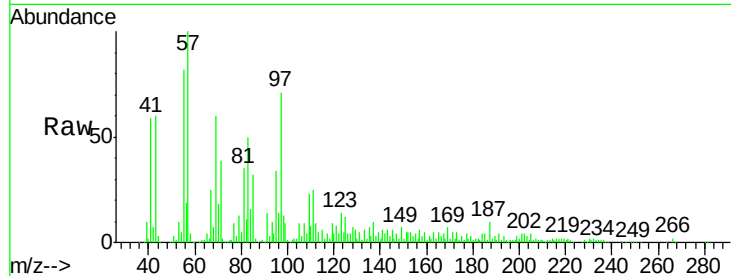
ClientSampleId :

NS-SOIL

Tgt Ion: 77 Resp: 3260

Ion Ratio Lower Upper

77	100		
182	25.1	1.7	41.7
105	95.1	3.0	43.0
51	27.4	9.9	49.9



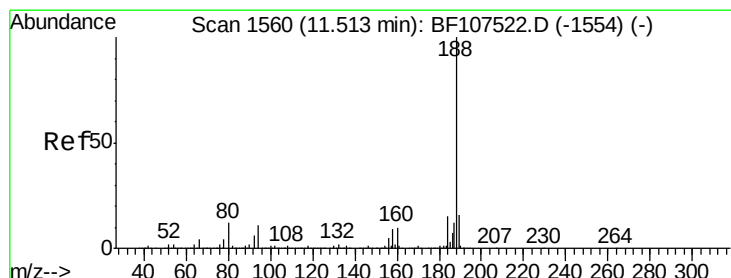
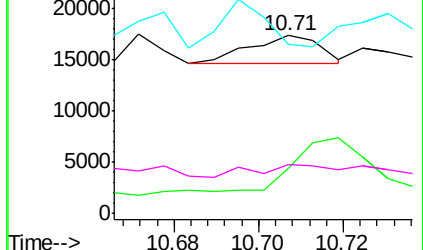
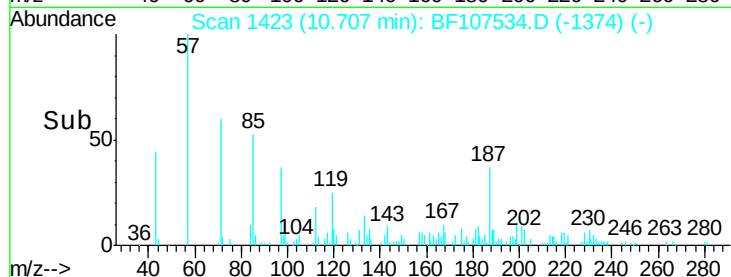
Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Time-->



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.51 min Scan# 1560

Delta R.T. 0.00 min

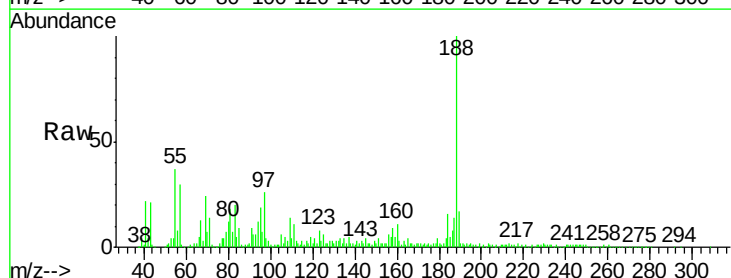
Lab File: BF107534.D

Acq: 20 Jul 2018 20:05

Tgt Ion: 188 Resp: 611184

Ion Ratio Lower Upper

188	100		
94	11.6	8.5	12.7
80	12.3	9.2	13.8

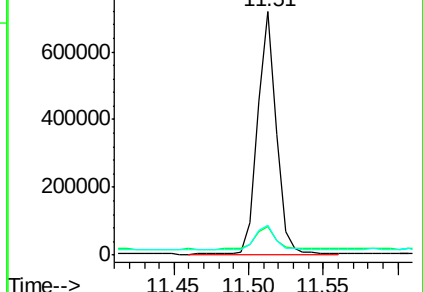
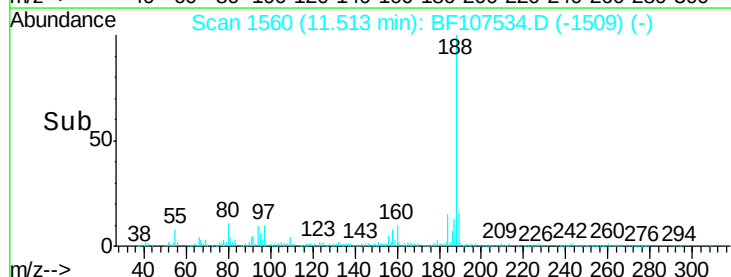


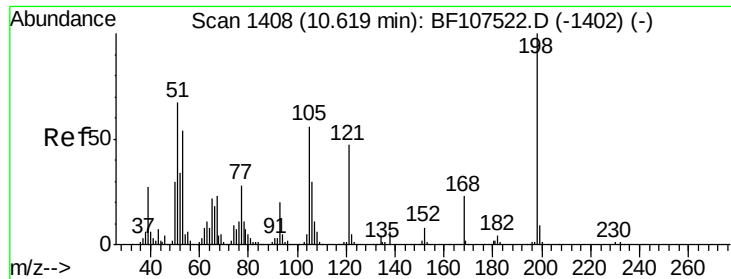
Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

Time-->

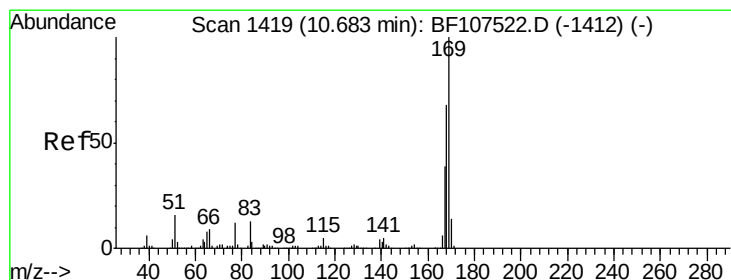
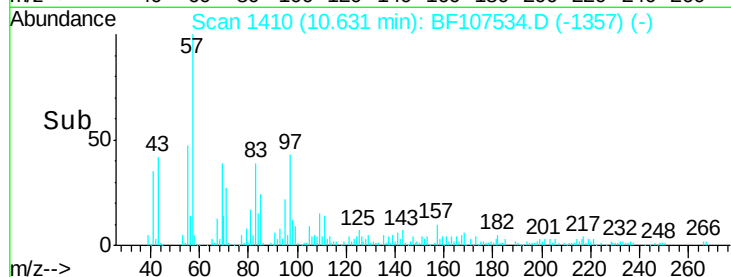
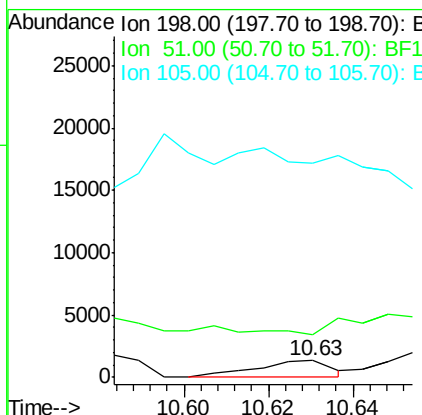
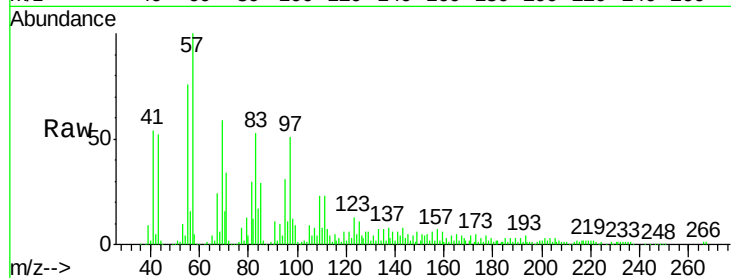




#64
 4,6-Dinitro-2-methylphenol
 Concen: 9.159 ng
 RT: 10.63 min Scan# 1410
 Delta R.T. 0.01 min
 Lab File: BF107534.D
 Acq: 20 Jul 2018 20:05

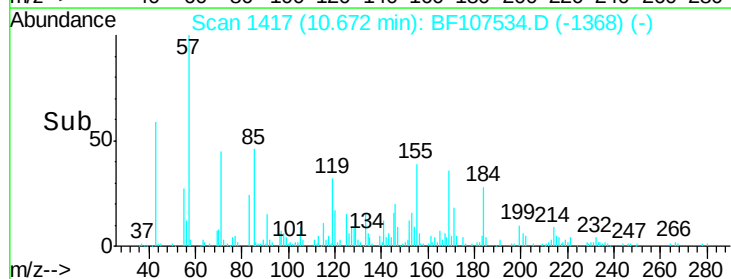
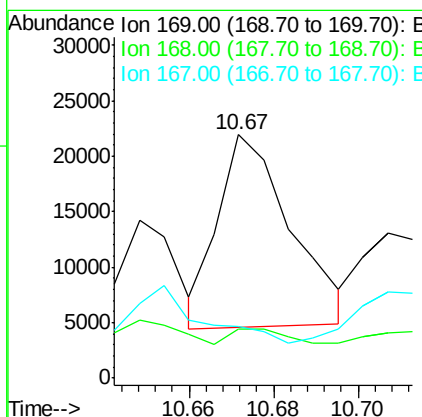
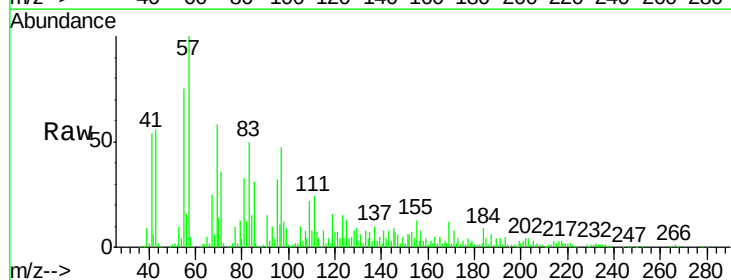
Instrument :
 BNA_F
 ClientSampled :
 NS-SOIL

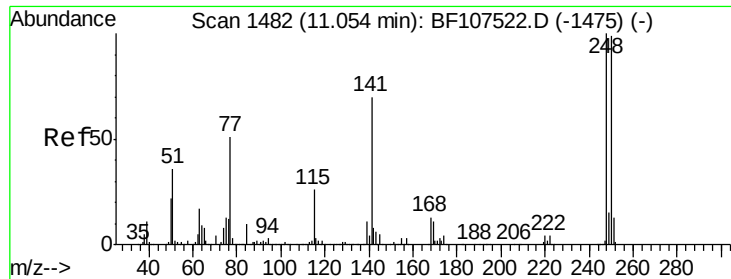
Tgt Ion:198 Resp: 1724
 Ion Ratio Lower Upper
 198 100
 51 255.4 37.7 77.7#
 105 1277.5 36.3 76.3#



#65
 n-Nitrosodiphenylamine
 Concen: 1.004 ng
 RT: 10.67 min Scan# 1417
 Delta R.T. -0.01 min
 Lab File: BF107534.D
 Acq: 20 Jul 2018 20:05

Tgt Ion:169 Resp: 20842
 Ion Ratio Lower Upper
 169 100
 168 20.2 54.4 81.6#
 167 21.2 29.8 44.6#

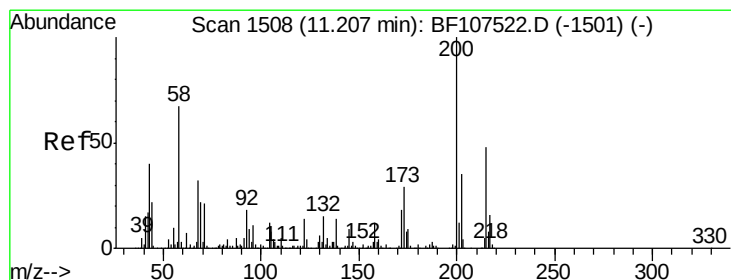
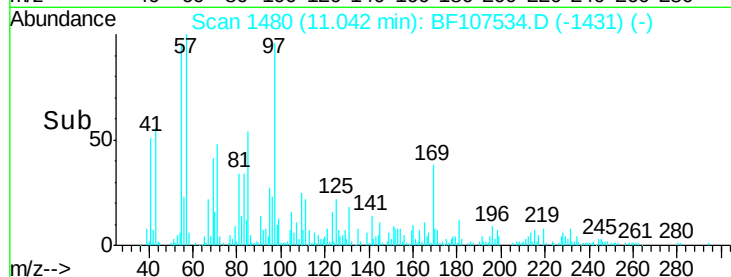
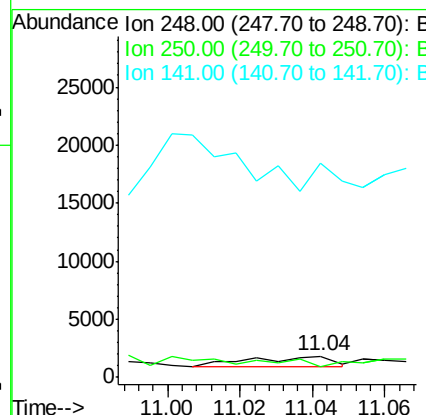
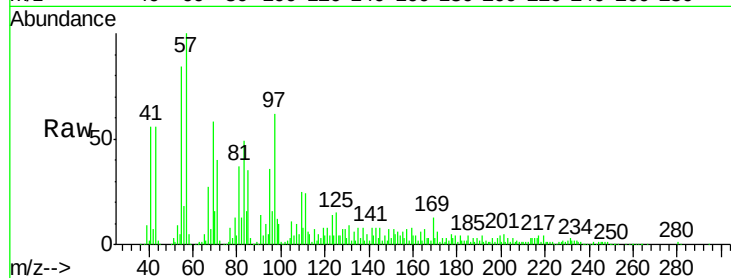




#66
4-Bromophenyl-phenylether
Concen: 0.183 ng
RT: 11.04 min Scan# 1480
Delta R.T. -0.01 min
Lab File: BF107534.D
Acq: 20 Jul 2018 20:05

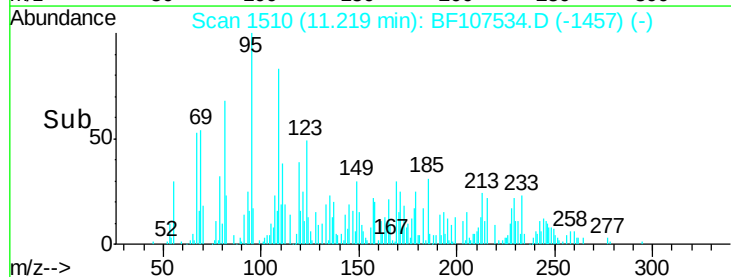
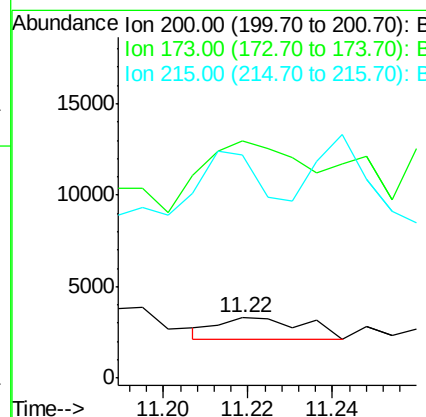
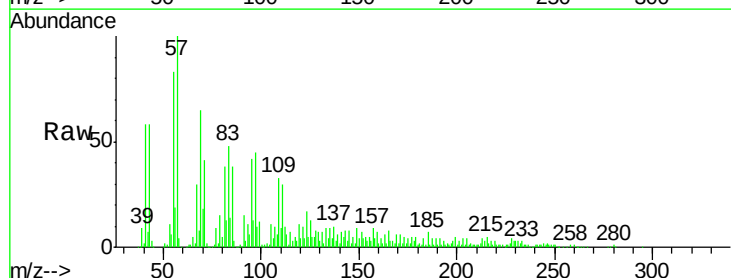
Instrument :
BNA_F
ClientSampleId :
NS-SOIL

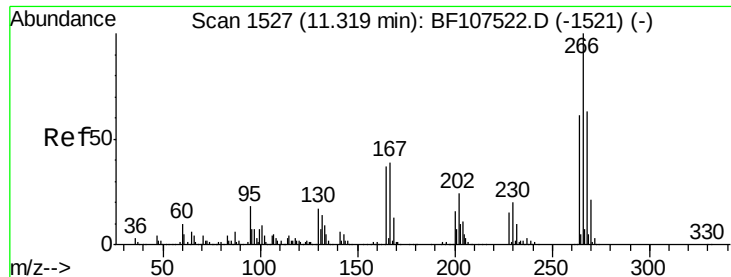
Tgt Ion:248 Resp: 1318
Ion Ratio Lower Upper
248 100
250 50.3 76.9 115.3#
141 1007.9 74.4 111.6#



#68
Atrazine
Concen: 0.269 ng
RT: 11.22 min Scan# 1510
Delta R.T. 0.01 min
Lab File: BF107534.D
Acq: 20 Jul 2018 20:05

Tgt Ion:200 Resp: 1706
Ion Ratio Lower Upper
200 100
173 393.3 8.6 48.6#
215 369.9 25.1 65.1#





#69

Pentachlorophenol

Concen: 0.312 ng

RT: 11.32 min Scan# 1527

Delta R.T. 0.00 min

Lab File: BF107534.D

Acq: 20 Jul 2018 20:05

Instrument :

BNA_F

ClientSampleId :

NS-SOIL

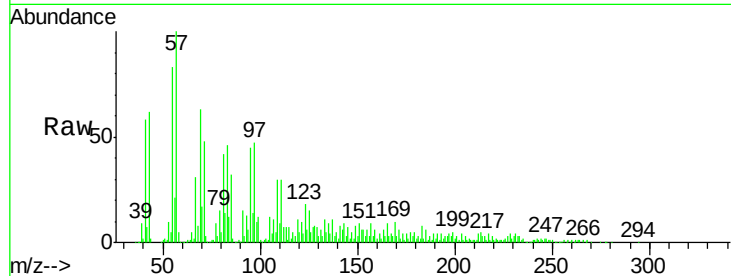
Tgt Ion:266 Resp: 1542

Ion Ratio Lower Upper

266 100

268 70.4 51.1 76.7

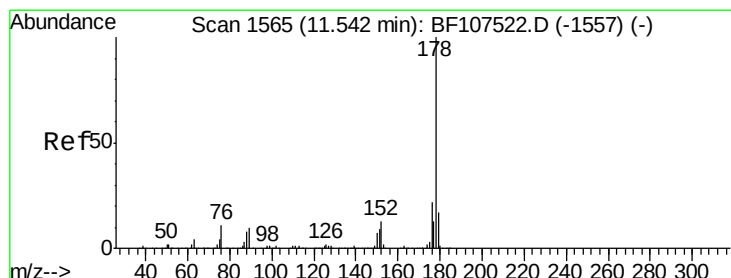
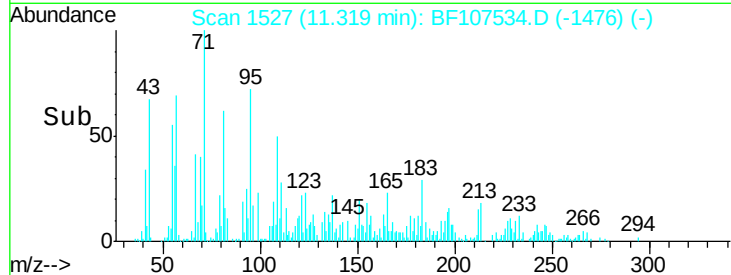
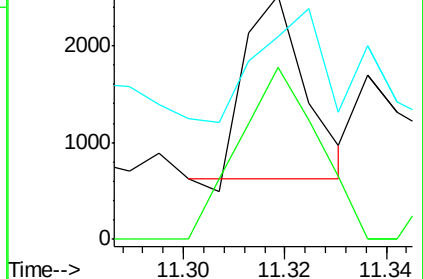
264 83.3 49.5 74.3#



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 0.746 ng

RT: 11.54 min Scan# 1564

Delta R.T. -0.01 min

Lab File: BF107534.D

Acq: 20 Jul 2018 20:05

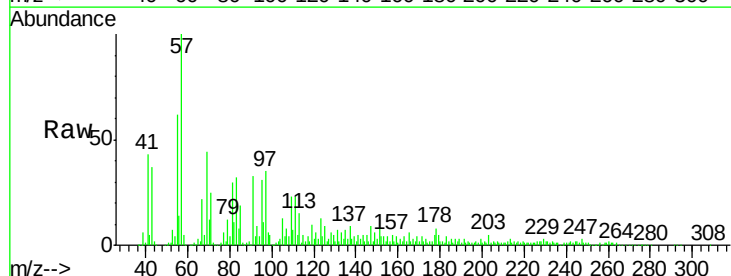
Tgt Ion:178 Resp: 22231

Ion Ratio Lower Upper

178 100

176 28.4 15.8 23.8#

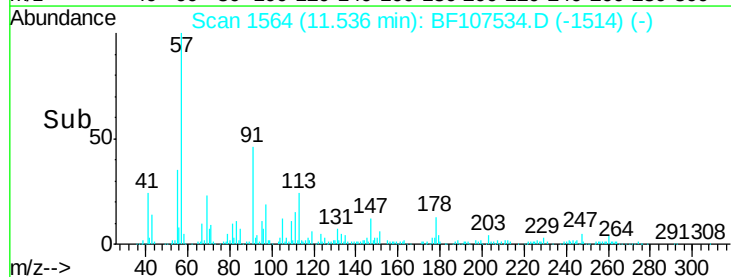
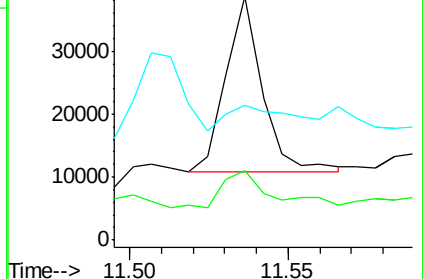
179 55.4 13.0 19.6#

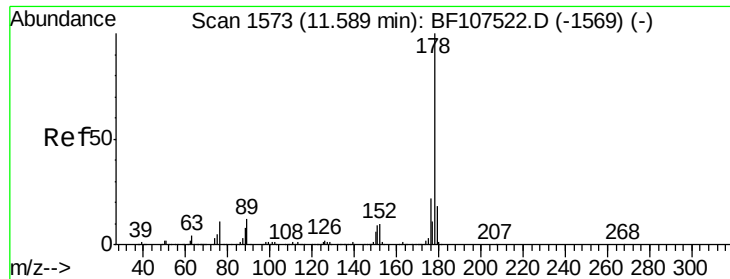


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

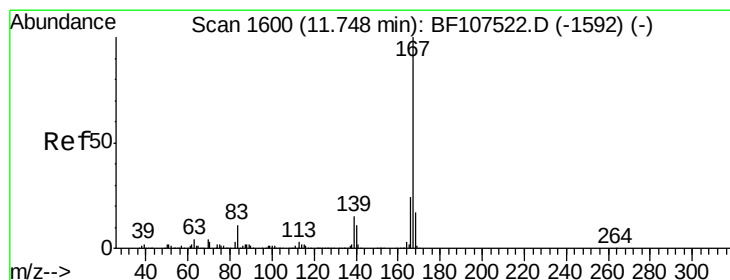
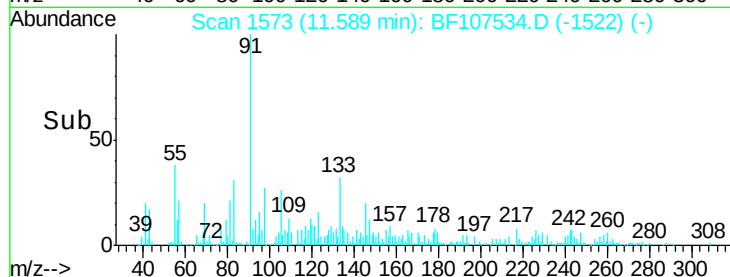
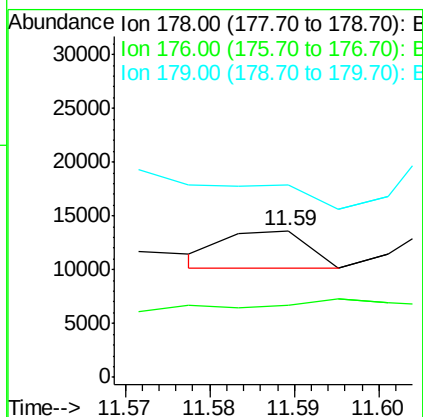
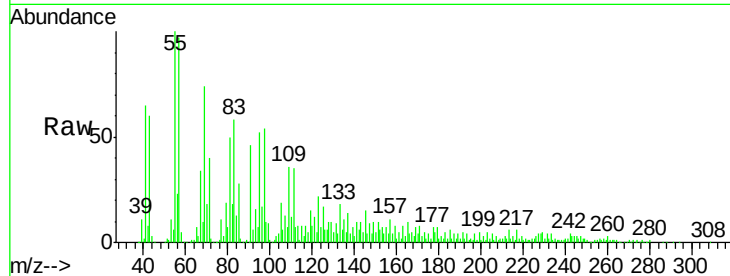




#71
 Anthracene
 Concen: 0.077 ng
 RT: 11.59 min Scan# 1573
 Delta R.T. 0.00 min
 Lab File: BF107534.D
 Acq: 20 Jul 2018 20:05

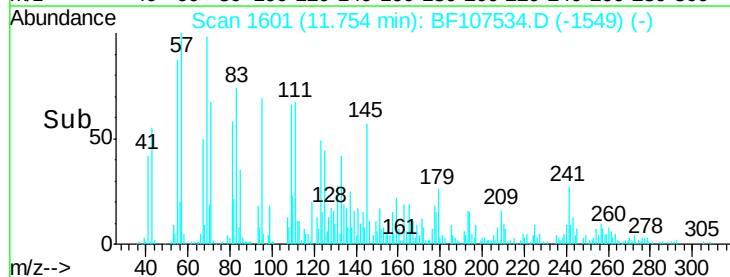
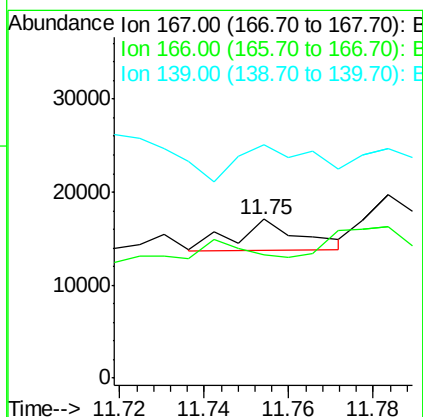
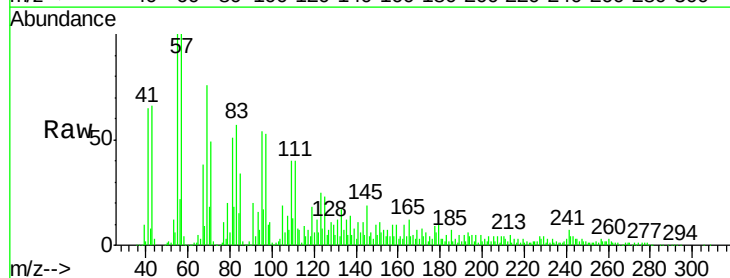
Instrument :
 BNA_F
 ClientSampled :
 NS-SOIL

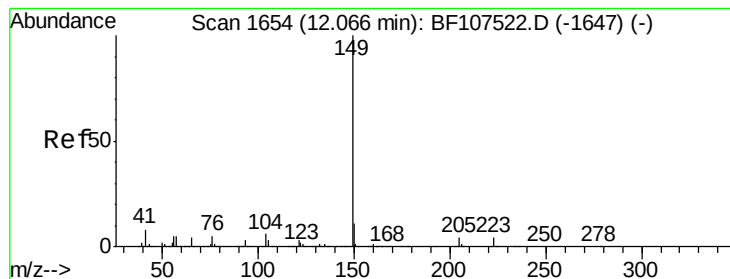
Tgt Ion:178 Resp: 2314
 Ion Ratio Lower Upper
 178 100
 176 48.9 15.4 23.2#
 179 131.0 12.6 19.0#



#72
 Carbazole
 Concen: 0.114 ng
 RT: 11.75 min Scan# 1601
 Delta R.T. 0.01 min
 Lab File: BF107534.D
 Acq: 20 Jul 2018 20:05

Tgt Ion:167 Resp: 3567
 Ion Ratio Lower Upper
 167 100
 166 77.4 17.6 26.4#
 139 146.7 10.9 16.3#





#73

Di-n-butylphthalate

Concen: 1.842 ng

RT: 12.06 min Scan# 1653

Delta R.T. -0.01 min

Lab File: BF107534.D

Acq: 20 Jul 2018 20:05

Instrument :

BNA_F

ClientSampleId :

NS-SOIL

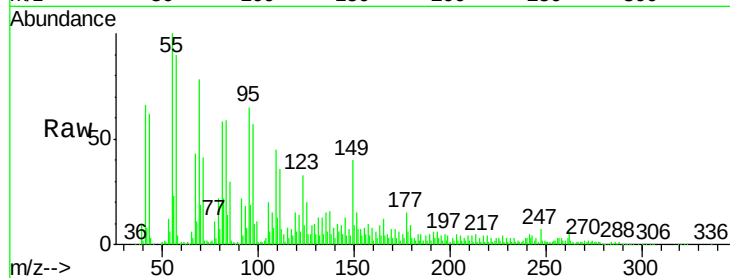
Tgt Ion:149 Resp: 132653

Ion Ratio Lower Upper

149 100

150 23.9 7.8 11.6#

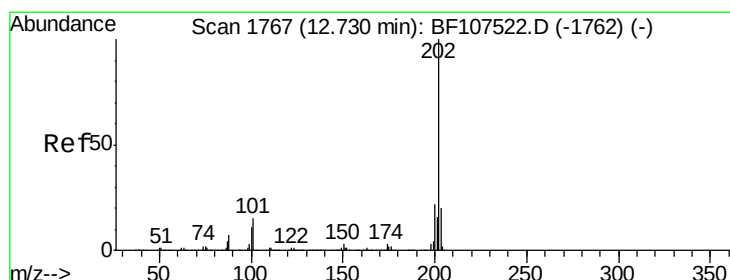
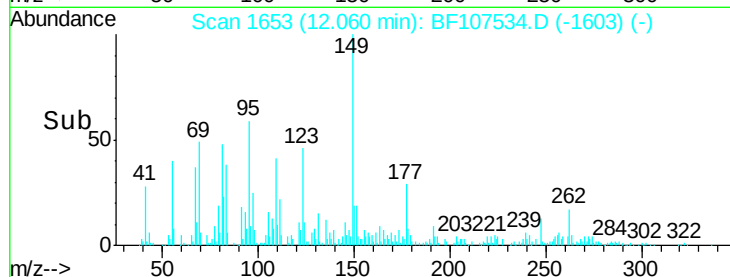
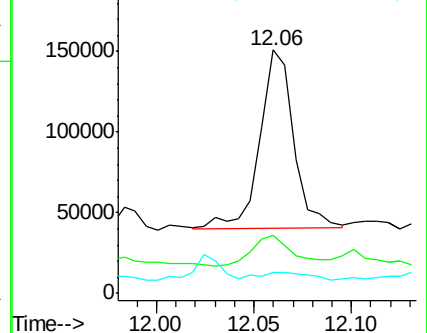
104 8.8 3.8 5.8#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 0.828 ng

RT: 12.74 min Scan# 1769

Delta R.T. 0.01 min

Lab File: BF107534.D

Acq: 20 Jul 2018 20:05

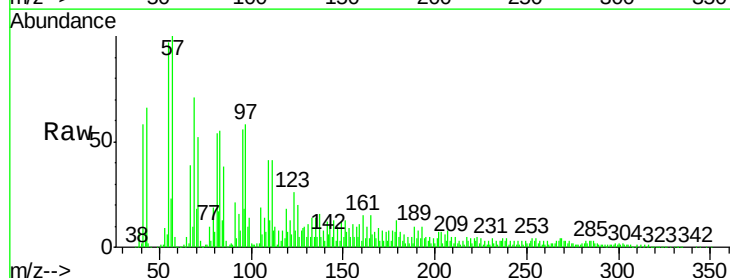
Tgt Ion:202 Resp: 26477

Ion Ratio Lower Upper

202 100

101 16.4 0.0 34.1

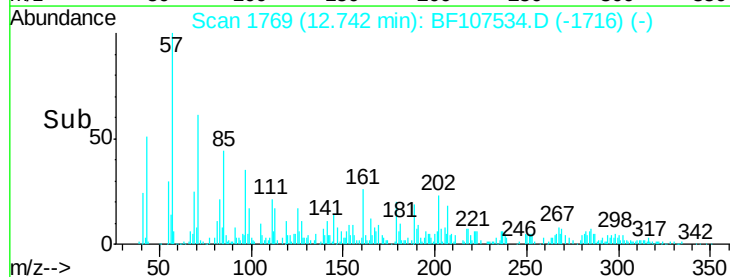
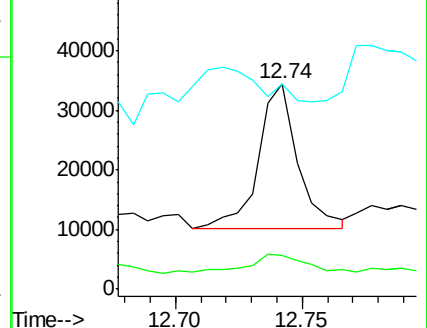
203 100.0 0.0 38.1#

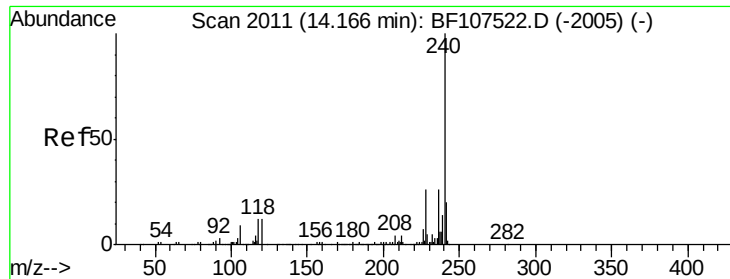


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.21 min Scan# 2018

Delta R.T. 0.04 min

Lab File: BF107534.D

Acq: 20 Jul 2018 20:05

Instrument :

BNA_F

ClientSampleId :

NS-SOIL

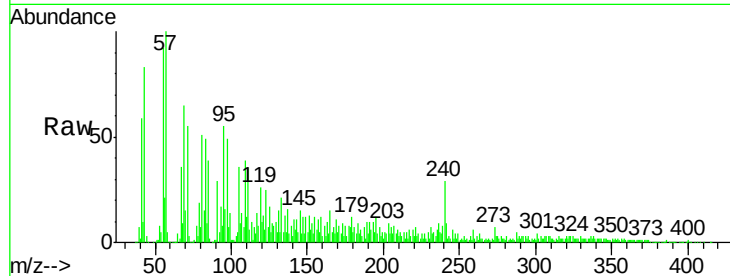
Tgt Ion:240 Resp: 169811

Ion Ratio Lower Upper

240 100

120 34.9 9.5 14.3#

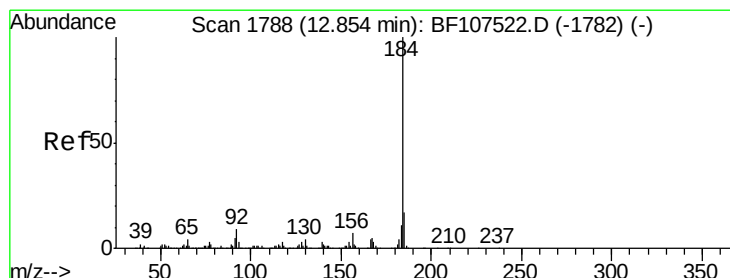
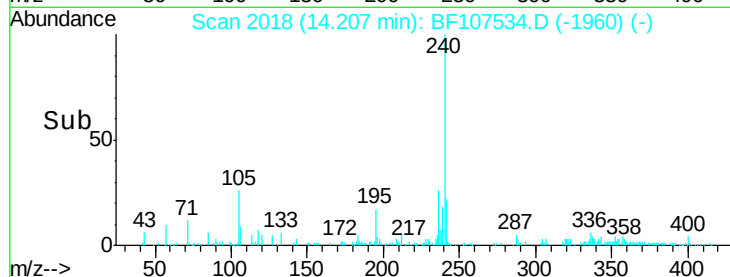
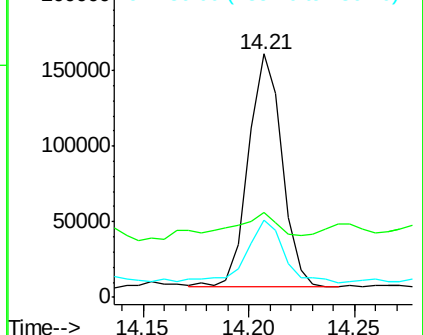
236 31.5 20.7 31.1#



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 0.769 ng

RT: 12.89 min Scan# 1794

Delta R.T. 0.04 min

Lab File: BF107534.D

Acq: 20 Jul 2018 20:05

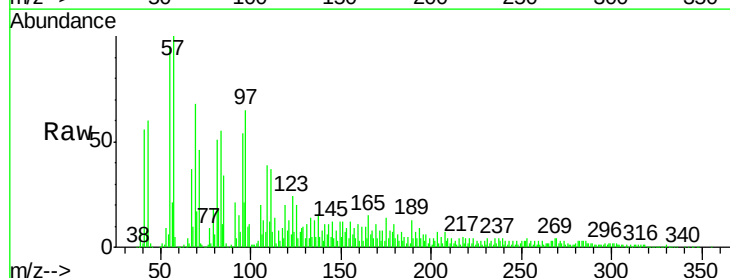
Tgt Ion:184 Resp: 3762

Ion Ratio Lower Upper

184 100

185 173.5 12.6 18.8#

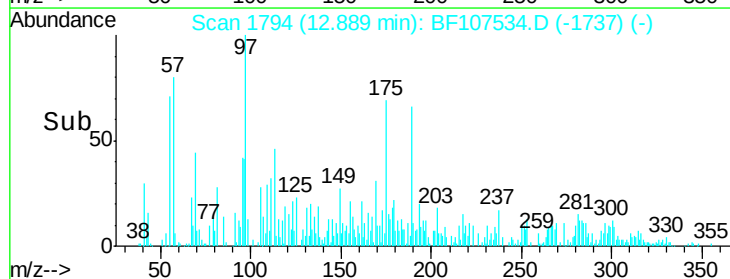
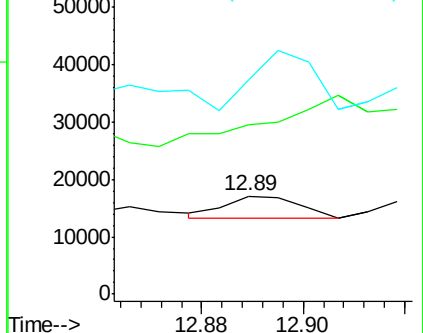
183 219.8 9.3 13.9#

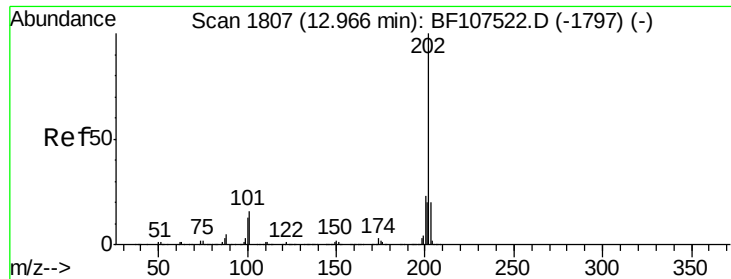


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

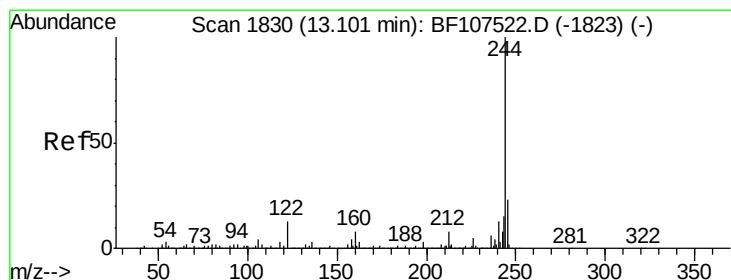
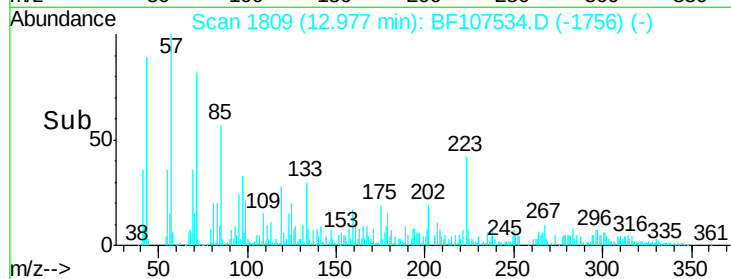
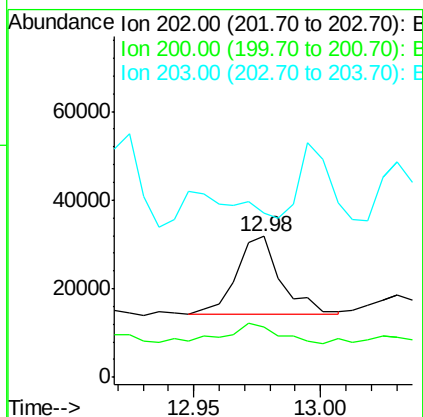
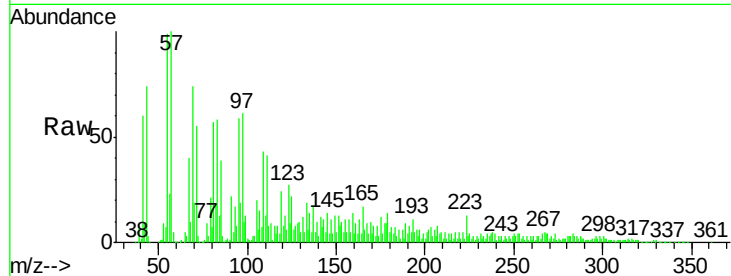




#77
 Pyrene
 Concen: 1.800 ng
 RT: 12.98 min Scan# 1809
 Delta R.T. 0.01 min
 Lab File: BF107534.D
 Acq: 20 Jul 2018 20:05

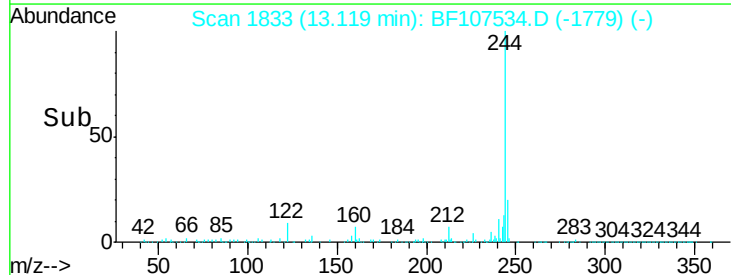
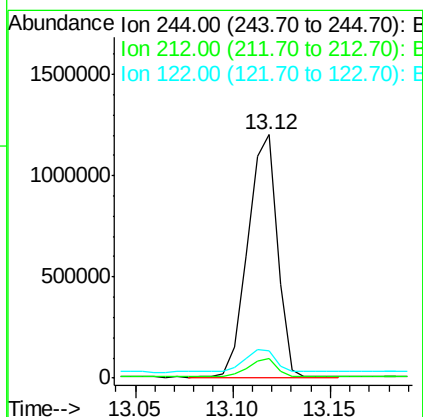
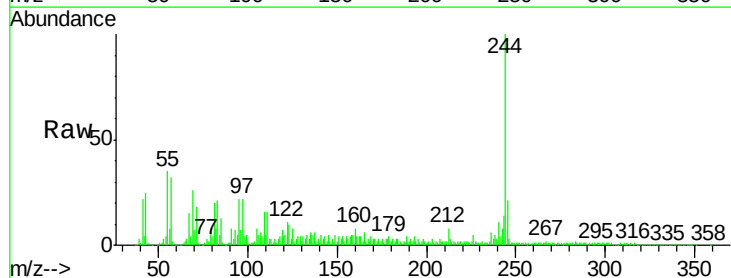
Instrument :
 BNA_F
 ClientSampleId :
 NS-SOIL

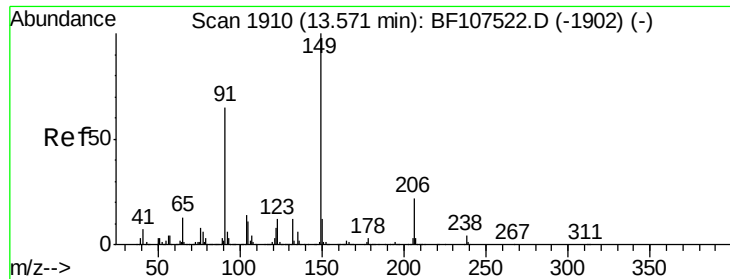
Tgt Ion: 202 Resp: 20905
 Ion Ratio Lower Upper
 202 100
 200 36.0 17.4 26.2#
 203 116.4 14.3 21.5#



#78
 Terphenyl-d14
 Concen: 189.452 ng
 RT: 13.12 min Scan# 1833
 Delta R.T. 0.02 min
 Lab File: BF107534.D
 Acq: 20 Jul 2018 20:05

Tgt Ion: 244 Resp: 1256636
 Ion Ratio Lower Upper
 244 100
 212 7.8 5.4 8.0
 122 11.1 11.0 16.4

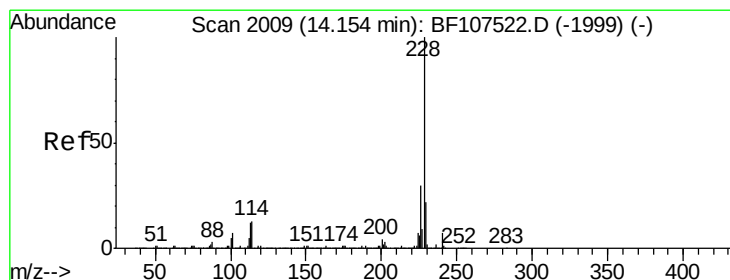
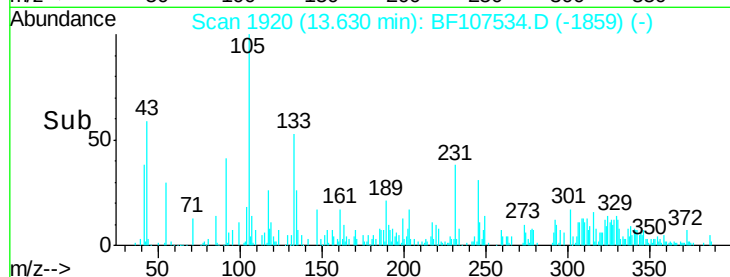
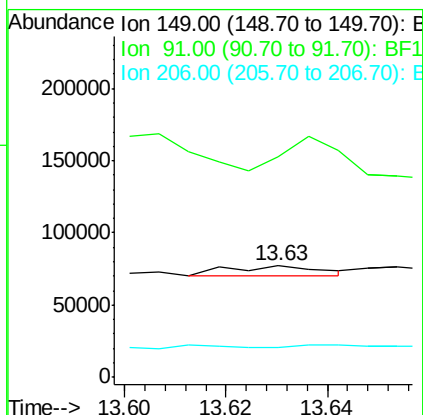
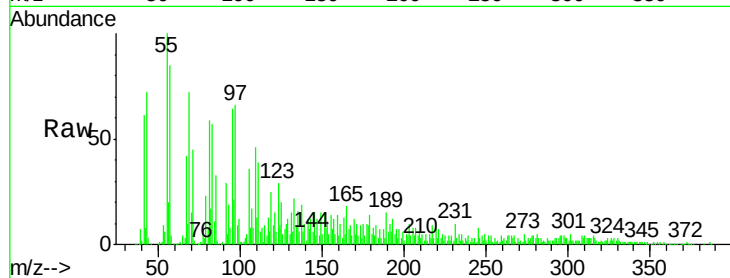




#79
Butylbenzylphthalate
Concen: 1.726 ng
RT: 13.63 min Scan# 1920
Delta R.T. 0.06 min
Lab File: BF107534.D
Acq: 20 Jul 2018 20:05

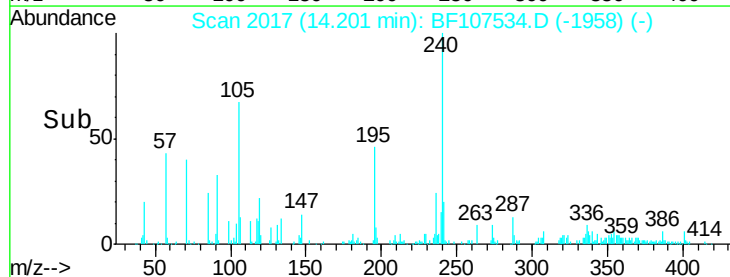
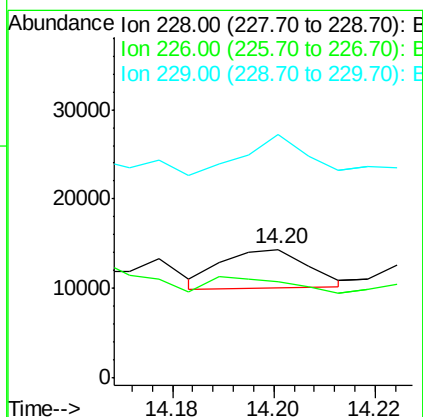
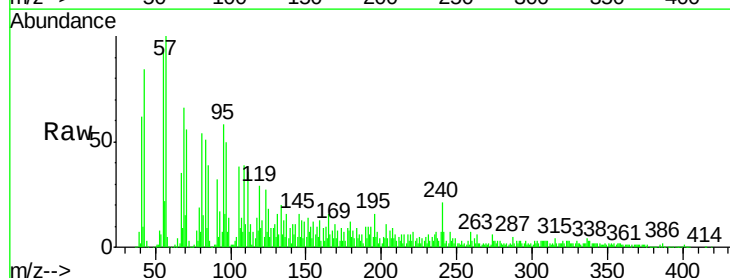
Instrument :
BNA_F
ClientSampleId :
NS-SOIL

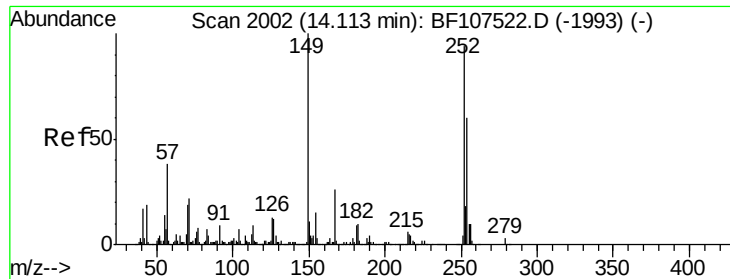
Tgt Ion:149 Resp: 8624
Ion Ratio Lower Upper
149 100
91 197.4 56.8 85.2#
206 26.5 14.1 21.1#



#80
Benzo(a)anthracene
Concen: 0.514 ng
RT: 14.20 min Scan# 2017
Delta R.T. 0.05 min
Lab File: BF107534.D
Acq: 20 Jul 2018 20:05

Tgt Ion:228 Resp: 5117
Ion Ratio Lower Upper
228 100
226 74.9 22.6 33.8#
229 189.0 15.8 23.6#

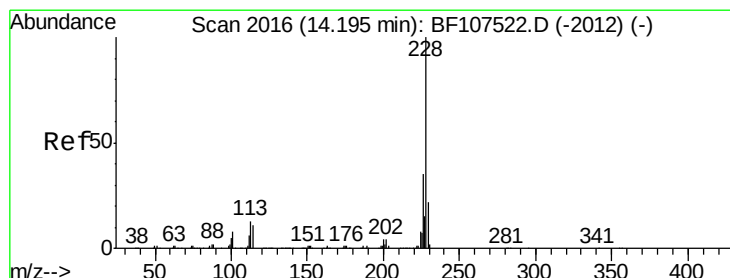
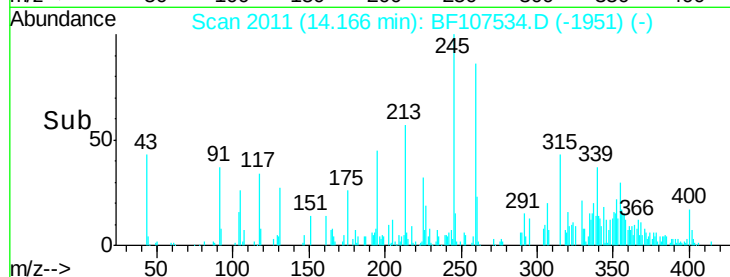
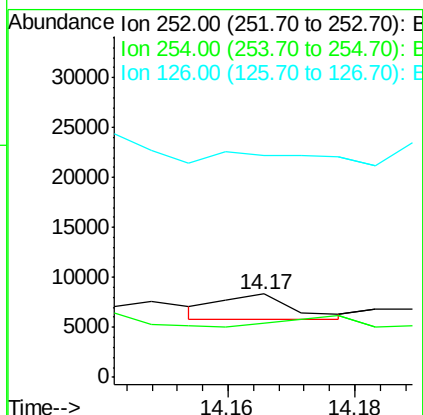
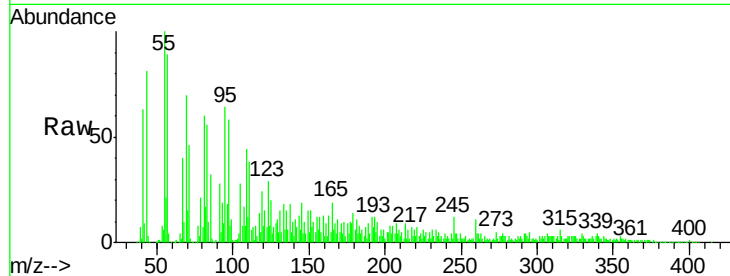




#81
 3,3'-Dichlorobenzidine
 Concen: Below Cal
 RT: 14.17 min Scan# 2011
 Delta R.T. 0.05 min
 Lab File: BF107534.D
 Acq: 20 Jul 2018 20:05

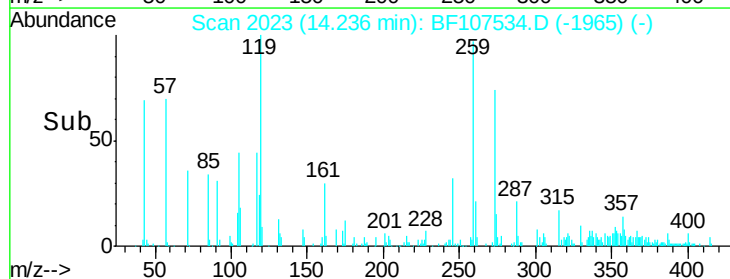
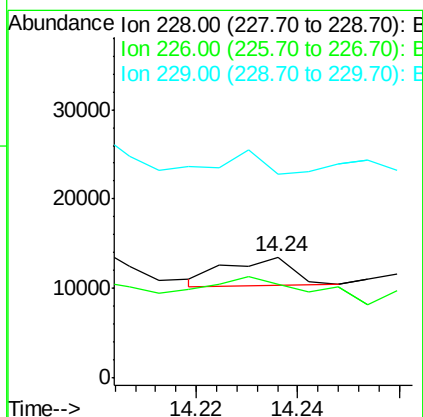
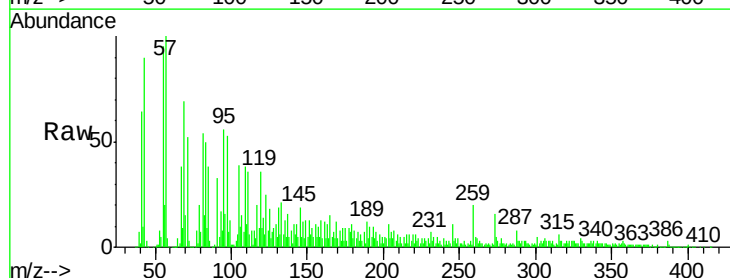
Instrument :
 BNA_F
 ClientSampleId :
 NS-SOIL

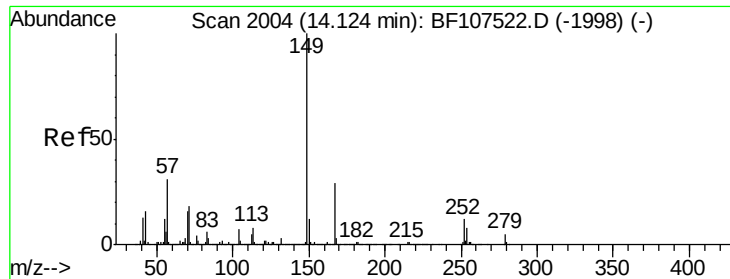
Tgt Ion:252 Resp: 2015
 Ion Ratio Lower Upper
 252 100
 254 66.0 50.4 75.6
 126 267.9 11.3 16.9#



#82
 Chrysene
 Concen: 0.298 ng
 RT: 14.24 min Scan# 2023
 Delta R.T. 0.04 min
 Lab File: BF107534.D
 Acq: 20 Jul 2018 20:05

Tgt Ion:228 Resp: 2847
 Ion Ratio Lower Upper
 228 100
 226 77.2 25.0 37.6#
 229 168.2 16.2 24.4#

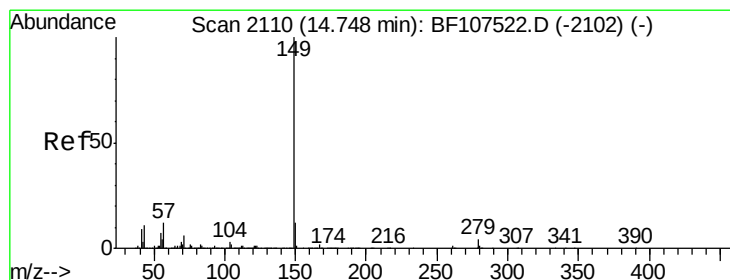
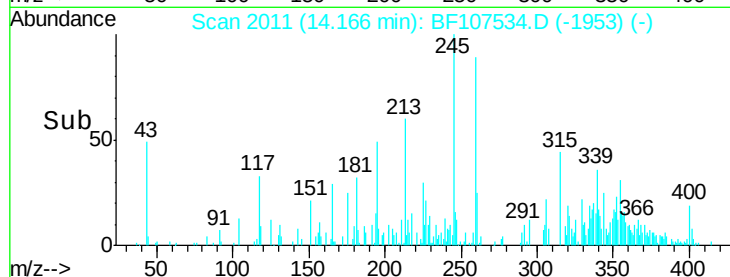
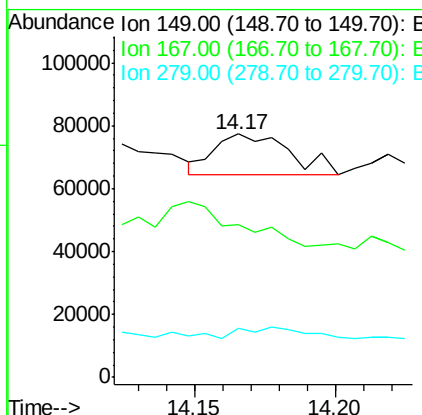
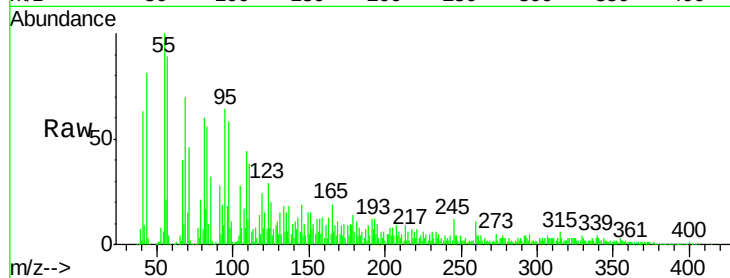




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 3.411 ng
 RT: 14.17 min Scan# 2011
 Delta R.T. 0.04 min
 Lab File: BF107534.D
 Acq: 20 Jul 2018 20:05

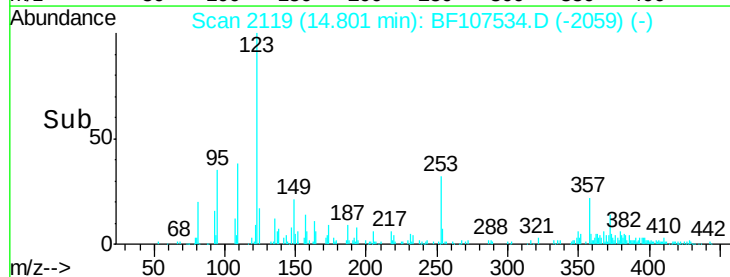
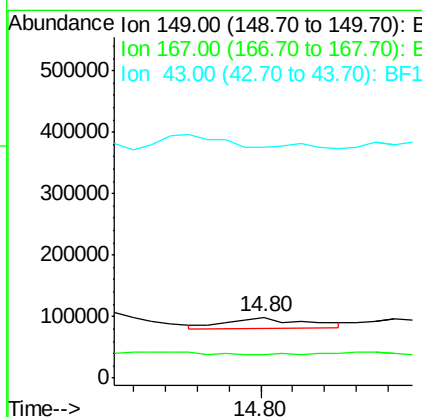
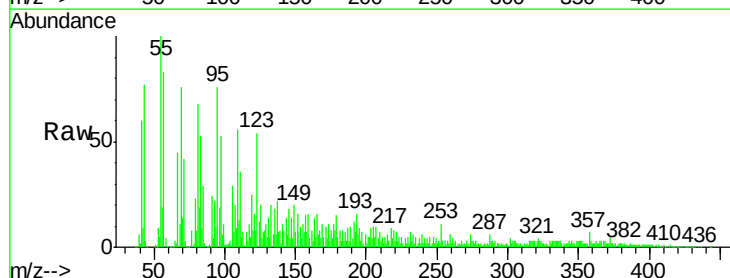
Instrument :
 BNA_F
 ClientSampleId :
 NS-SOIL

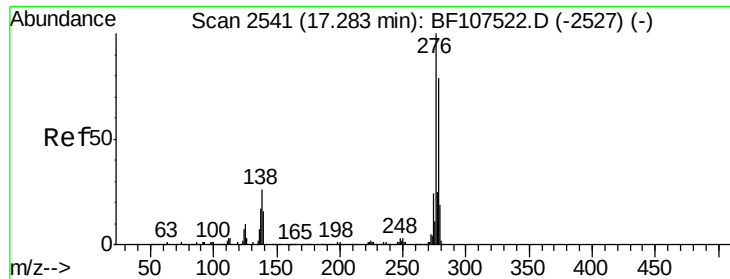
Tgt Ion:149 Resp: 24042
 Ion Ratio Lower Upper
 149 100
 167 62.9 21.3 31.9#
 279 20.4 3.0 4.4#



#84
 Di-n-octyl phthalate
 Concen: 2.842 ng
 RT: 14.80 min Scan# 2119
 Delta R.T. 0.05 min
 Lab File: BF107534.D
 Acq: 20 Jul 2018 20:05

Tgt Ion:149 Resp: 31139
 Ion Ratio Lower Upper
 149 100
 167 0.0 1.2 1.8#
 43 0.0 8.4 12.6#





#85

Indeno(1,2,3-cd)pyrene

Concen: 0.106 ng

RT: 17.33 min Scan# 2549

Delta R.T. 0.05 min

Lab File: BF107534.D

Acq: 20 Jul 2018 20:05

Instrument :

BNA_F

ClientSampled :

NS-SOIL

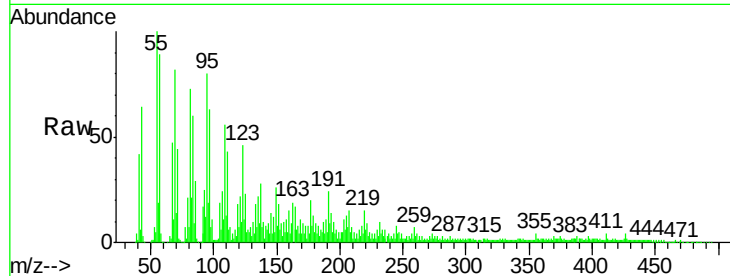
Tgt Ion:276 Resp: 856

Ion Ratio Lower Upper

276 100

138 168.3 25.0 37.6#

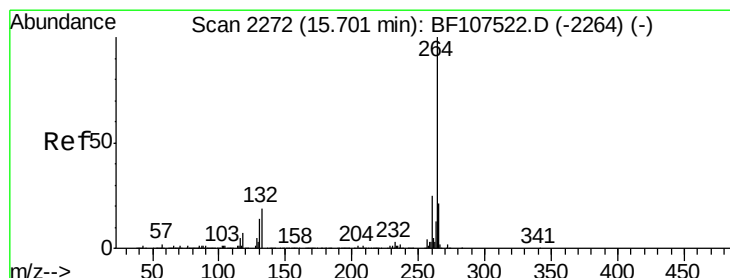
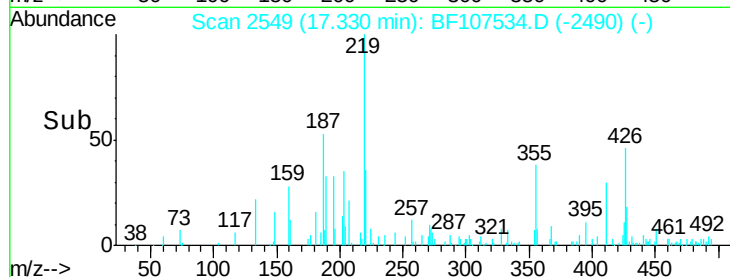
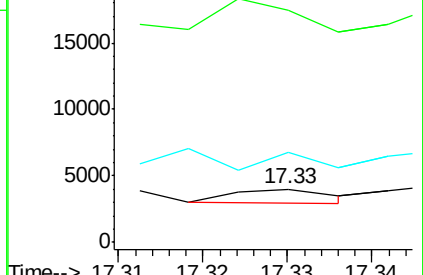
277 0.0 20.1 30.1#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.81 min Scan# 2290

Delta R.T. 0.11 min

Lab File: BF107534.D

Acq: 20 Jul 2018 20:05

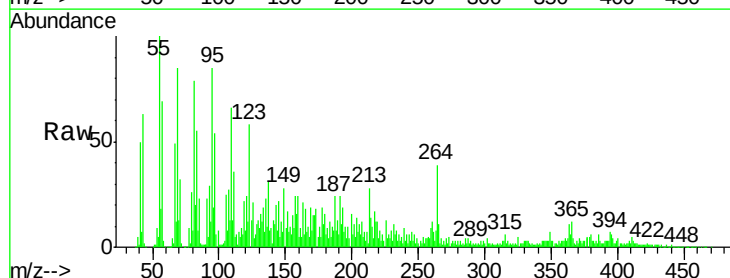
Tgt Ion:264 Resp: 217209

Ion Ratio Lower Upper

264 100

260 30.8 19.2 28.8#

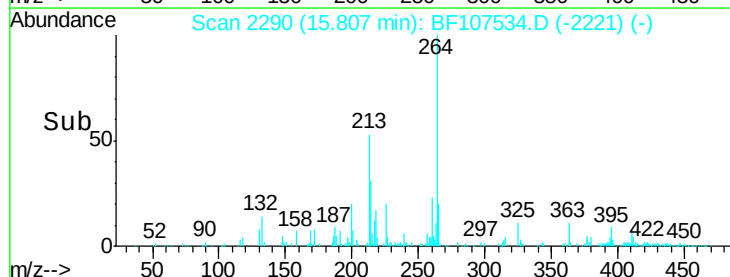
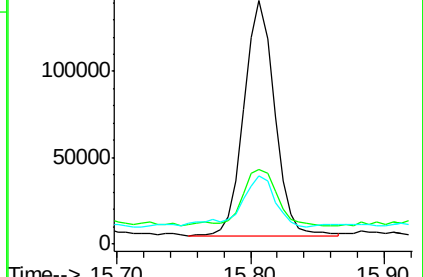
265 28.1 17.5 26.3#

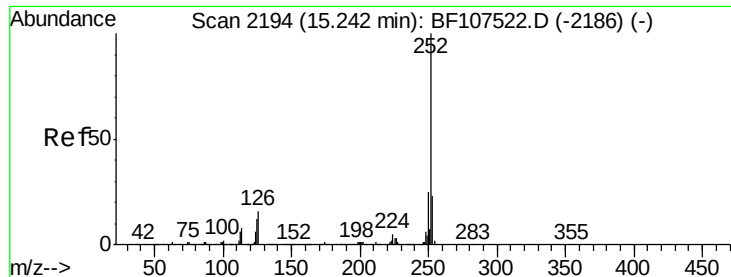


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

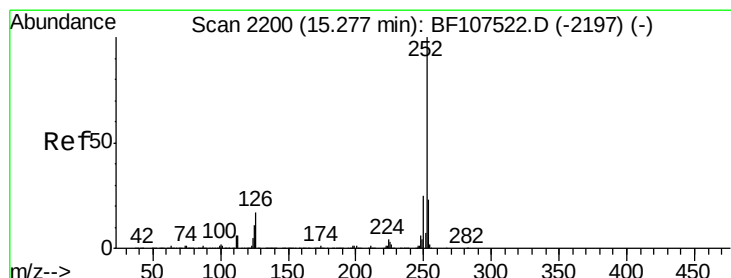
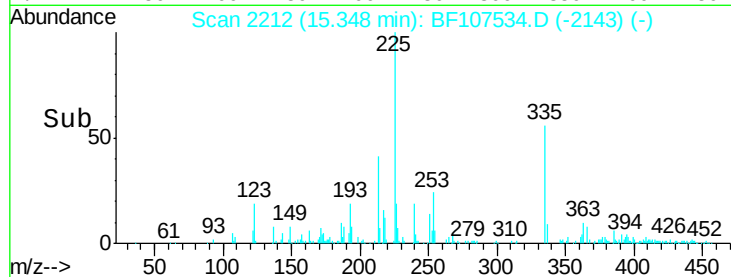
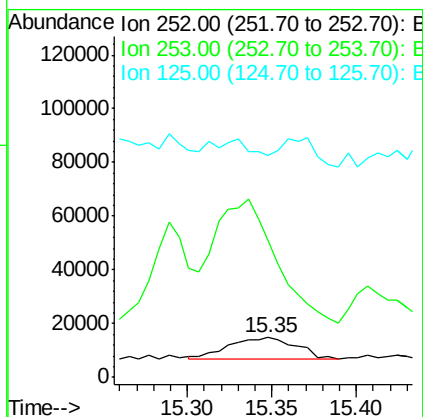
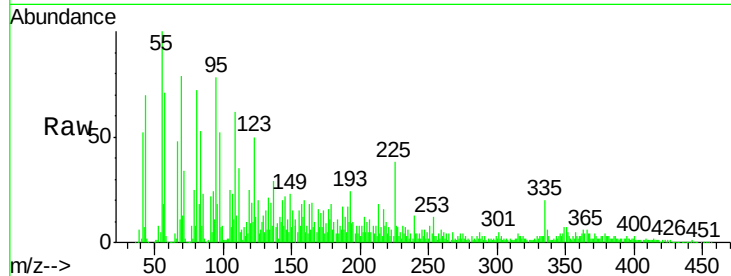




#87
 Benzo(b)fluoranthene
 Concen: 1.833 ng
 RT: 15.35 min Scan# 2212
 Delta R.T. 0.11 min
 Lab File: BF107534.D
 Acq: 20 Jul 2018 20:05

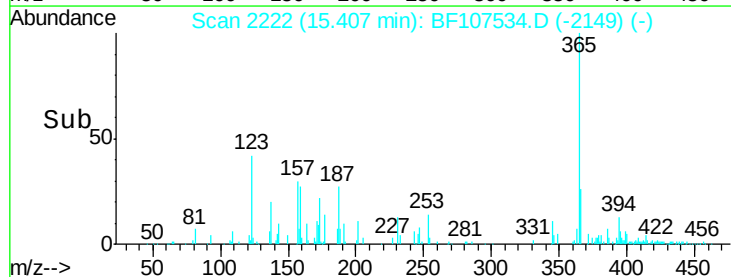
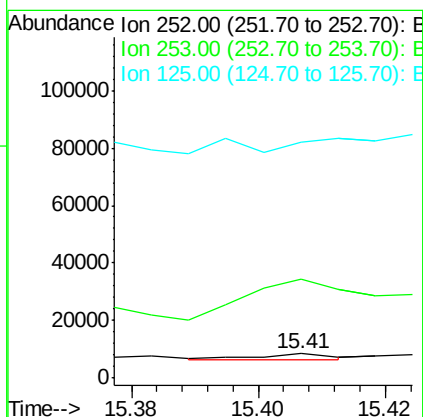
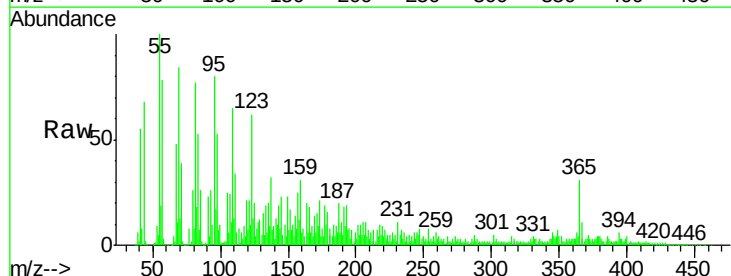
Instrument :
 BNA_F
 ClientSampleId :
 NS-SOIL

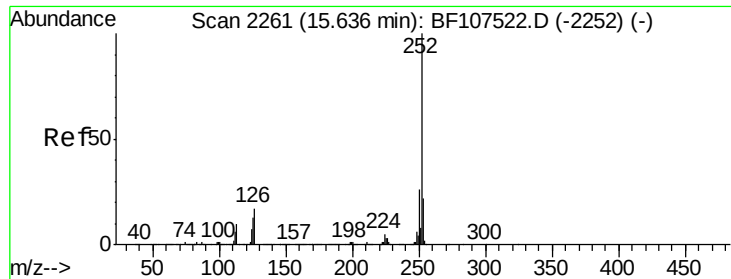
Tgt Ion:252 Resp: 21794
 Ion Ratio Lower Upper
 252 100
 253 342.2 17.0 25.6#
 125 555.3 9.0 13.6#



#88
 Benzo(k)fluoranthene
 Concen: 0.127 ng
 RT: 15.41 min Scan# 2222
 Delta R.T. 0.13 min
 Lab File: BF107534.D
 Acq: 20 Jul 2018 20:05

Tgt Ion:252 Resp: 1474
 Ion Ratio Lower Upper
 252 100
 253 404.0 17.9 26.9#
 125 966.3 10.2 15.2#





#89

Benzo(a)pyrene

Concen: 1.131 ng

RT: 15.72 min Scan# 2276

Delta R.T. 0.09 min

Lab File: BF107534.D

Acq: 20 Jul 2018 20:05

Instrument :

BNA_F

ClientSampleId :

NS-SOIL

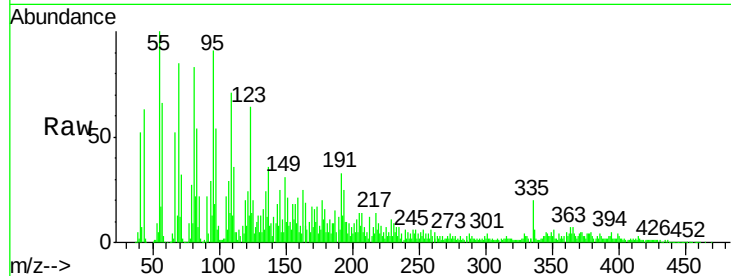
Tgt Ion:252 Resp: 12296

Ion Ratio Lower Upper

252 100

253 192.0 17.1 25.7#

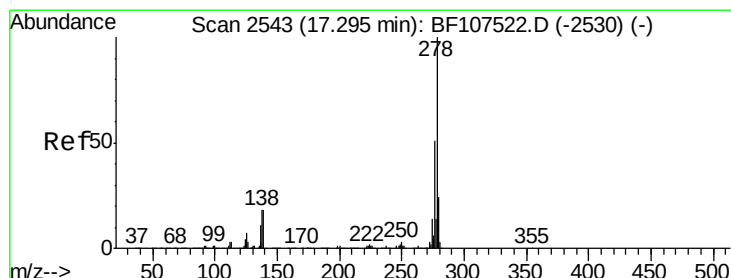
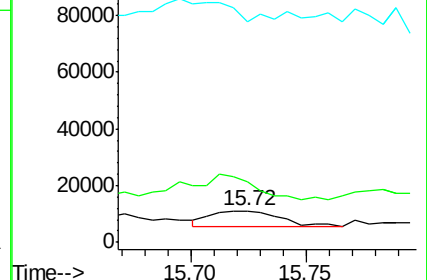
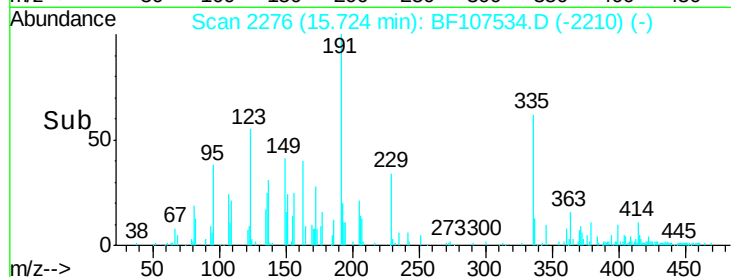
125 699.9 9.8 14.6#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 0.119 ng

RT: 17.41 min Scan# 2563

Delta R.T. 0.12 min

Lab File: BF107534.D

Acq: 20 Jul 2018 20:05

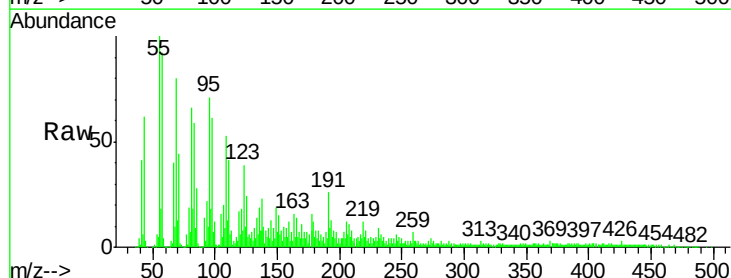
Tgt Ion:278 Resp: 1115

Ion Ratio Lower Upper

278 100

139 655.6 15.9 23.9#

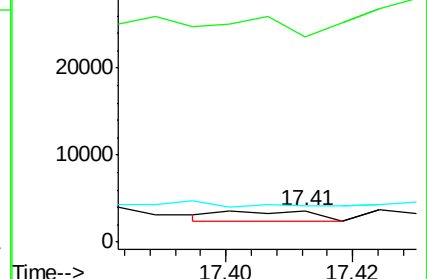
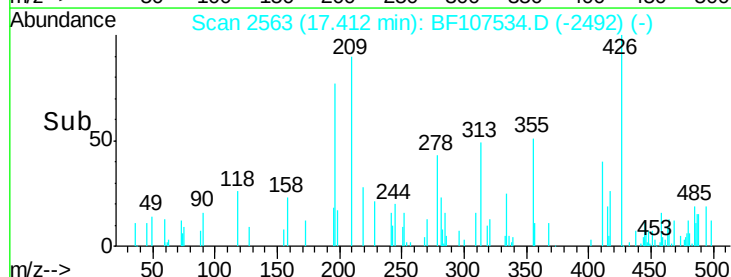
279 117.2 19.0 28.4#

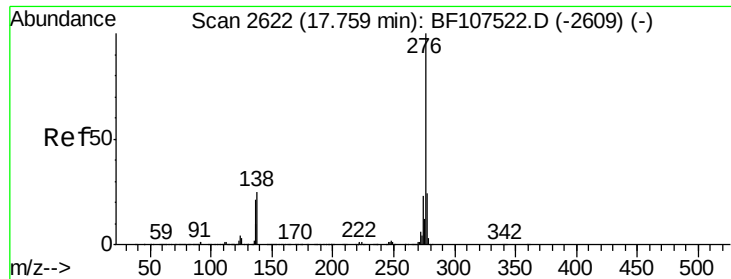


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 0.863 ng

RT: 17.87 min Scan# 2640

Delta R.T. 0.11 min

Lab File: BF107534.D

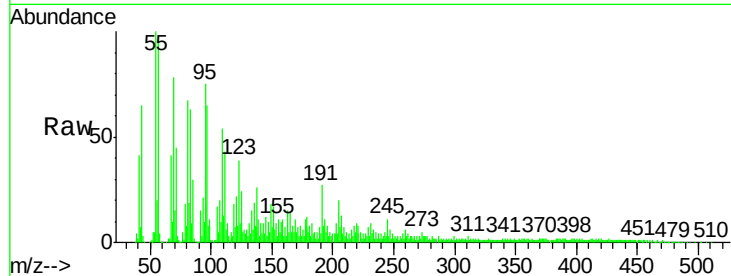
Acq: 20 Jul 2018 20:05

Instrument :

BNA_F

ClientSampleId :

NS-SOIL



Tgt Ion: 276 Resp: 8002

Ion Ratio Lower Upper

276 100

277 103.8 17.9 26.9#

138 213.9 21.8 32.8#

