

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022318\
 Data File : BF103186.D
 Acq On : 23 Feb 2018 9:20
 Operator : SJ/JU
 Sample : J1161-01
 Misc : LOD-S-2ppm
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOD-MDL-SOIL-01-QT1-2018

Quant Time: Feb 23 10:40:22 2018
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 23 02:43:46 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	179097	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	783468	20.00	ng	0.00
38) Acenaphthene-d10	9.91	164	367637	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	637218	20.00	ng	0.00
75) Chrysene-d12	14.04	240	479554	20.00	ng	0.00
86) Perylene-d12	15.54	264	464471	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.49	112	1306757	110.35	ng	0.00
7) Phenol-d6	6.50	99	1593404	109.97	ng	0.00
23) Nitrobenzene-d5	7.44	82	1194343	87.06	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	358937	115.35	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1780294	82.92	ng	0.00
78) Terphenyl-d14	12.99	244	1470905	73.73	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
17) 2-Methylphenol	7.12	107	24189	2.164	ng	96
19) n-Nitroso-di-n-propylamine	7.27	70	21054	2.335	ng	# 89
20) 3+4-Methylphenols	7.28	107	29938	2.197	ng	# 50
22) Acetophenone	7.27	105	44713	2.445	ng	94
25) Isophorone	7.69	82	55814	2.066	ng	98
26) 2-Nitrophenol	7.77	139	12780	1.797	ng	# 87
27) 2,4-Dimethylphenol	7.80	122	21451	1.974	ng	95
28) bis(2-Chloroethoxy)methane	7.90	93	34574	2.176	ng	94
29) 2,4-Dichlorophenol	8.02	162	20438	1.964	ng	92
30) 1,2,4-Trichlorobenzene	8.09	180	24790	2.237	ng	95
36) 4-Chloro-3-methylphenol	8.70	107	24141	2.057	ng	95
42) 2,4,6-Trichlorophenol	9.15	196	13202	1.952	ng	96
43) 2,4,5-Trichlorophenol	9.20	196	15173	1.951	ng	96
56) 2,4-Dinitrotoluene	10.10	165	14944	1.909	ng	97
60) 4-Chlorophenyl-phenylether	10.45	204	26124	2.409	ng	97
61) 4-Nitroaniline	10.47	138	14465	1.844	ng	100
76) Benzidine	12.99	184	20414	1.139	ng	98
81) 3,3'-Dichlorobenzidine	14.00	252	22593	2.035	ng	97

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

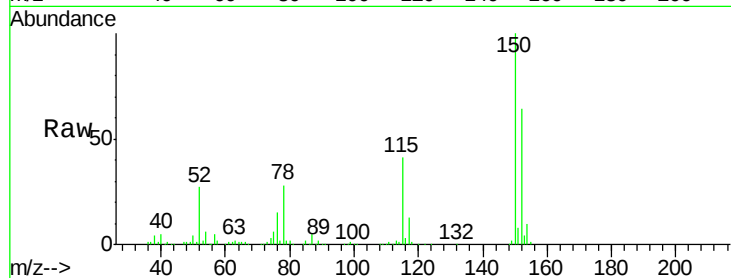


#1

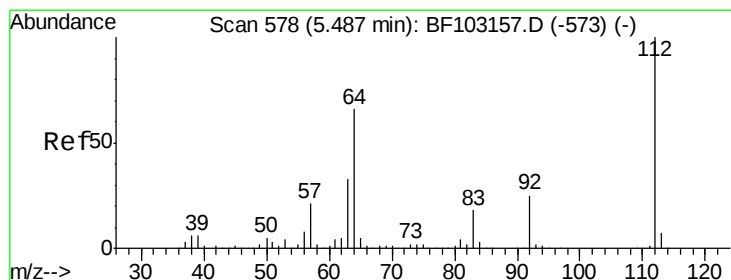
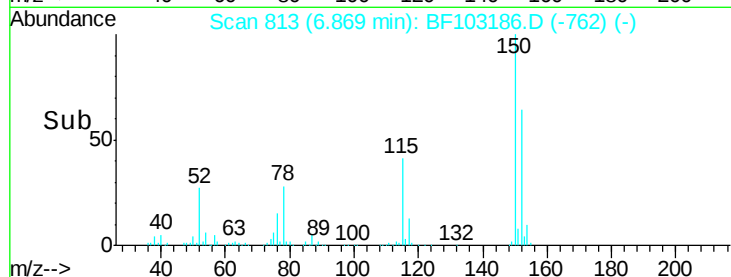
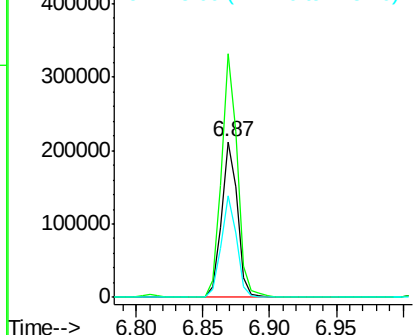
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.00 min
Lab File: BF103186.D
Acq: 23 Feb 2018 9:20

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2018

Tgt Ion:152 Resp: 179097
Ion Ratio Lower Upper
152 100
150 156.3 124.6 186.8
115 64.8 50.1 75.1



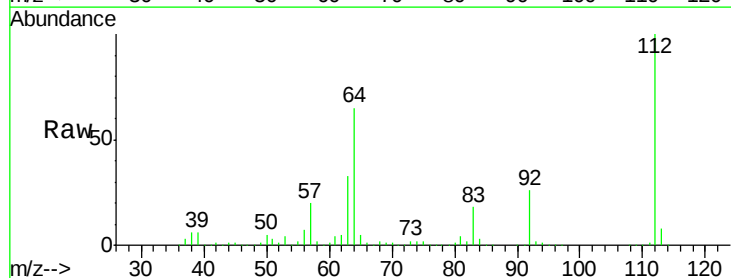
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



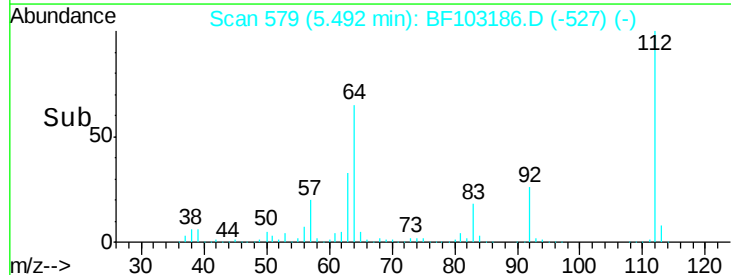
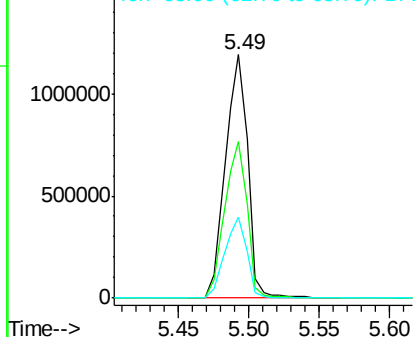
#5

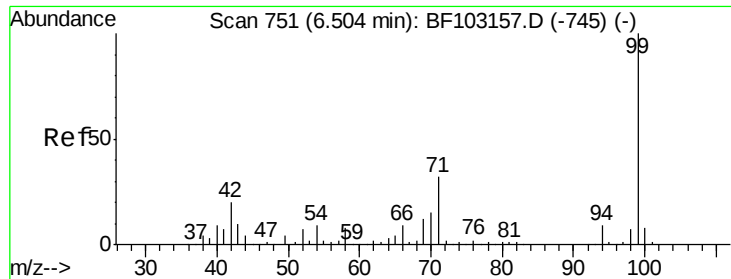
2-Fluorophenol
Concen: 110.352 ng
RT: 5.49 min Scan# 579
Delta R.T. 0.01 min
Lab File: BF103186.D
Acq: 23 Feb 2018 9:20

Tgt Ion:112 Resp: 1306757
Ion Ratio Lower Upper
112 100
64 64.5 47.9 71.9
63 33.1 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





#7

Phenol-d6

Concen: 109.965 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.00 min

Lab File: BF103186.D

Acq: 23 Feb 2018 9:20

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2018

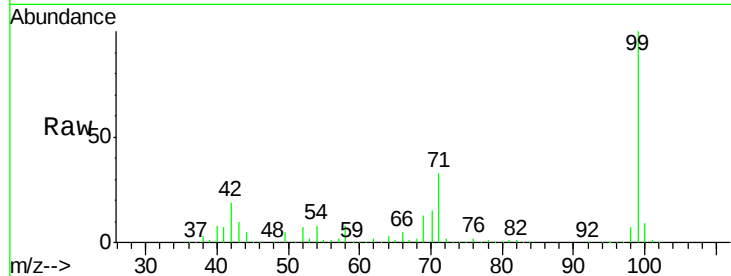
Tgt Ion: 99 Resp: 1593404

Ion Ratio Lower Upper

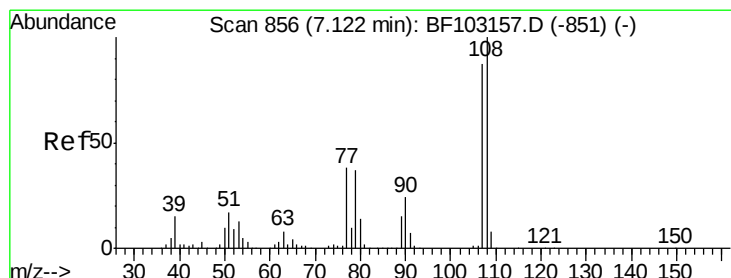
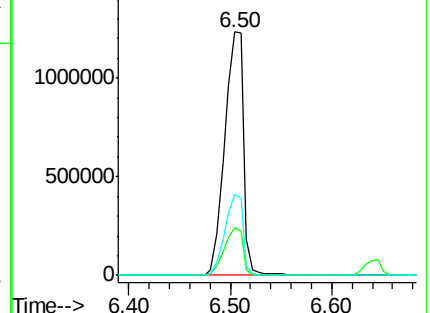
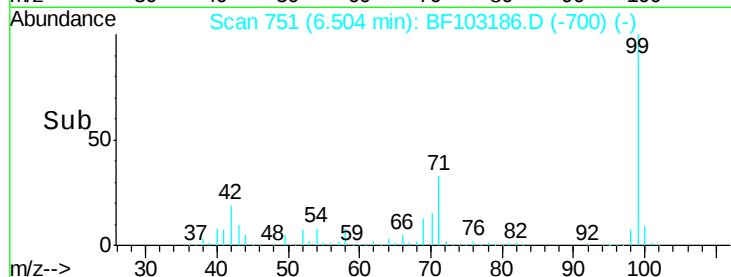
99 100

42 19.5 14.5 21.7

71 33.2 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



#17

2-Methylphenol

Concen: 2.164 ng

RT: 7.12 min Scan# 856

Delta R.T. -0.00 min

Lab File: BF103186.D

Acq: 23 Feb 2018 9:20

Tgt Ion: 107 Resp: 24189

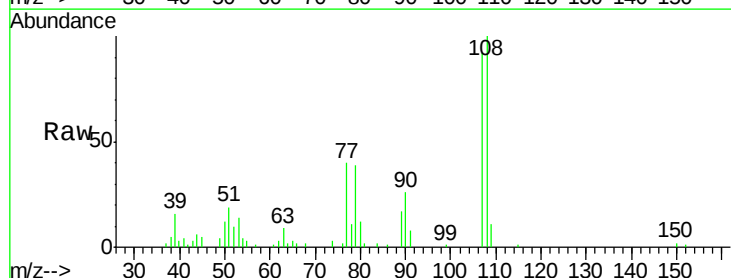
Ion Ratio Lower Upper

107 100

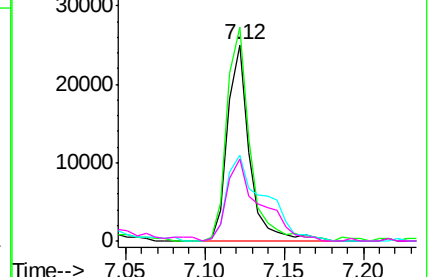
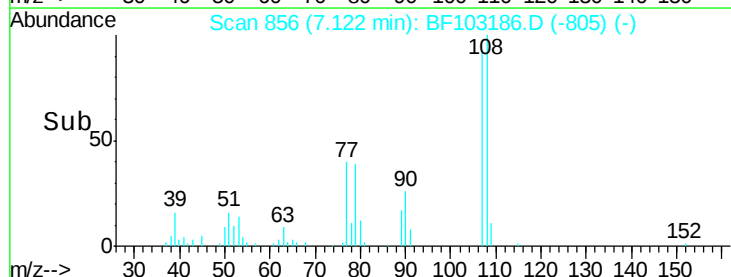
108 108.9 91.7 137.5

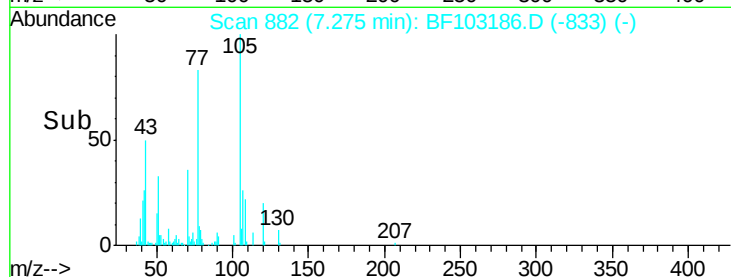
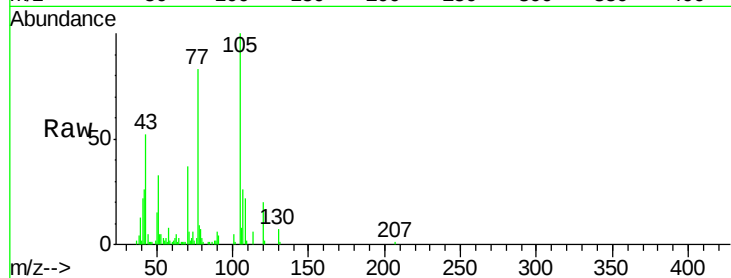
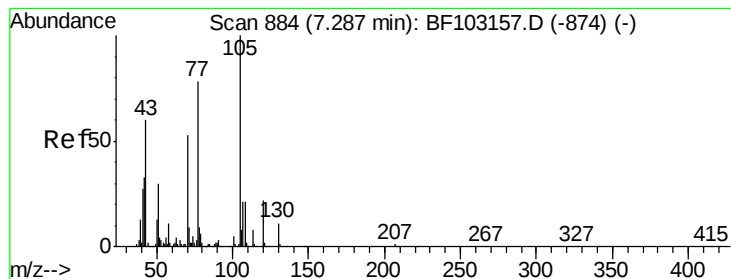
77 43.5 33.8 50.8

79 42.0 33.8 50.8



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1





#19

n-Nitroso-di-n-propylamine

Concen: 2.335 ng

RT: 7.27 min Scan# 882

Delta R.T. -0.01 min

Lab File: BF103186.D

Acq: 23 Feb 2018 9:20

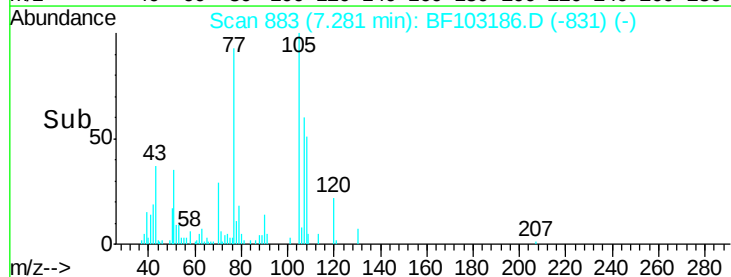
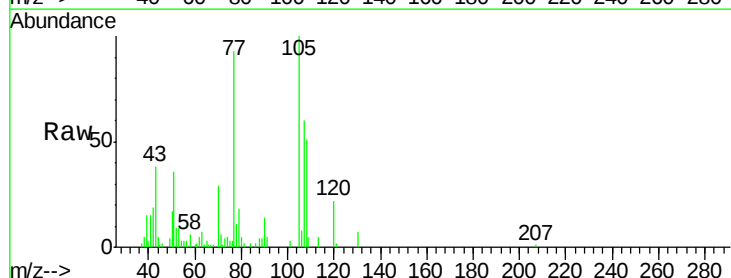
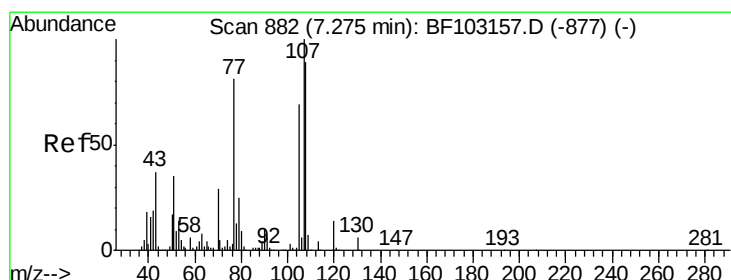
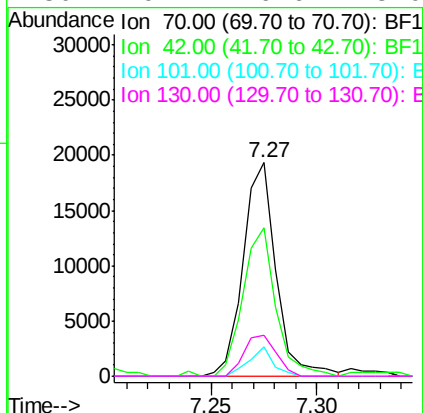
Instrument :

BNA_F

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2018

Tgt Ion:	70	Resp:	21054
Ion	Ratio	Lower	Upper
70	100		
42	69.3	47.5	71.3
101	13.6	7.4	11.2#
130	19.2	16.6	25.0



#20

3+4-Methylphenols

Concen: 2.197 ng

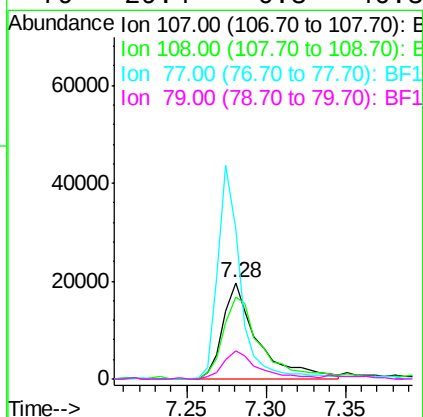
RT: 7.28 min Scan# 883

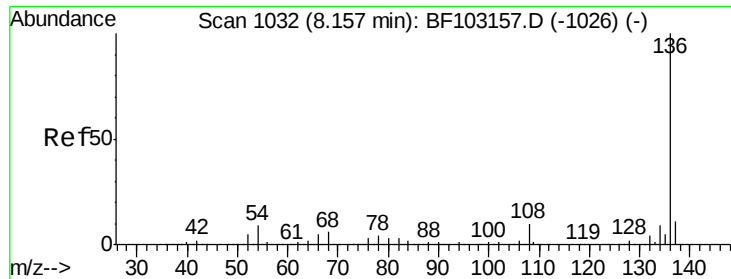
Delta R.T. 0.01 min

Lab File: BF103186.D

Acq: 23 Feb 2018 9:20

Tgt Ion:	107	Resp:	29938
Ion	Ratio	Lower	Upper
107	100		
108	84.8	68.2	108.2
77	154.6	26.7	66.7#
79	29.4	6.3	46.3

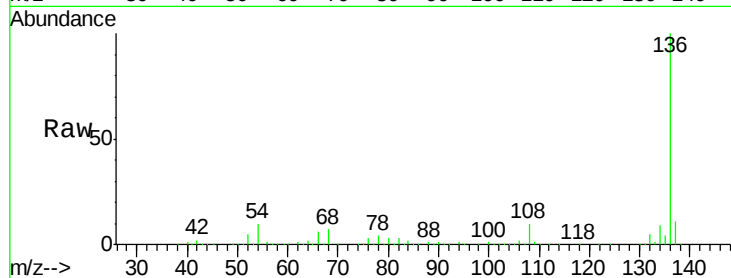




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF103186.D
Acq: 23 Feb 2018 9:20

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2018

Tgt Ion:	136	Resp:	783468
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.9	13.3
54	9.7	6.6	9.8
68	6.6	5.0	7.4



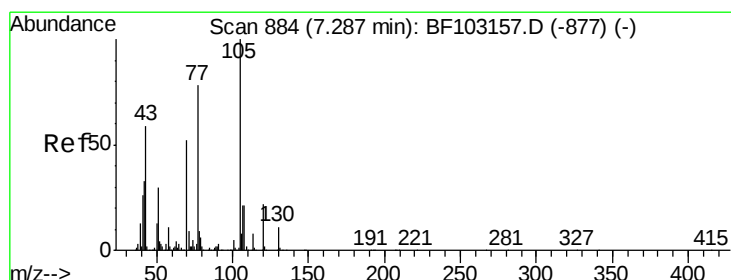
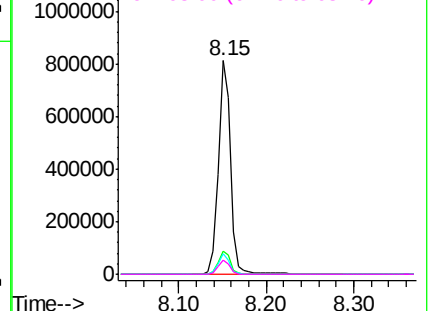
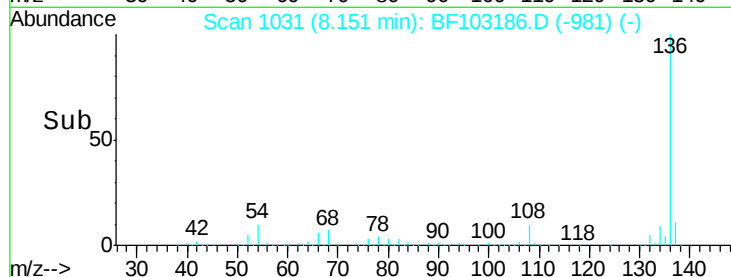
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

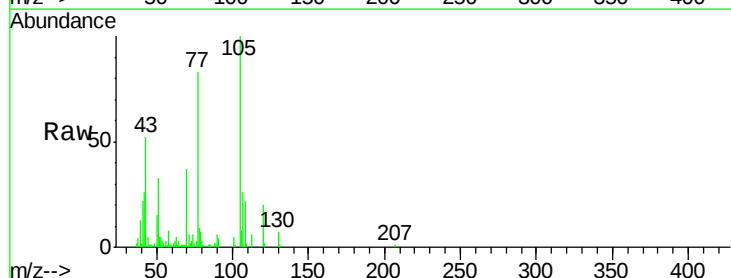
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 2.445 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF103186.D
Acq: 23 Feb 2018 9:20

Tgt Ion:	105	Resp:	44713
Ion Ratio	Lower	Upper	
105	100		
71	6.4	4.4	6.6
51	33.4	22.3	33.5
120	20.5	16.9	25.3



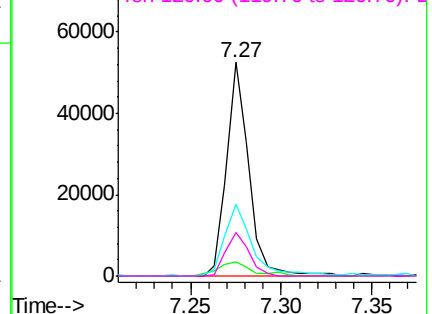
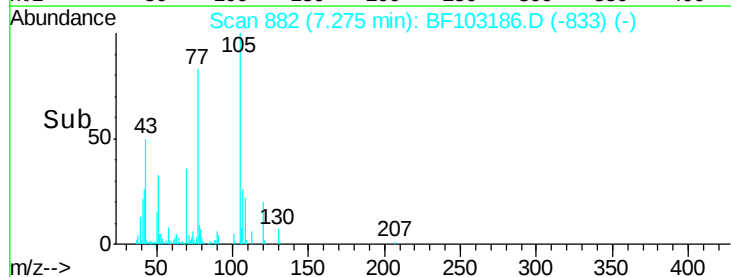
Abundance

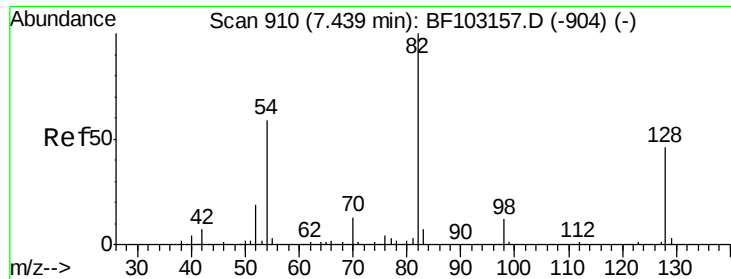
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

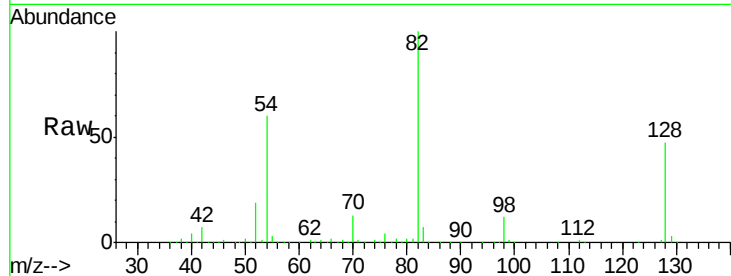




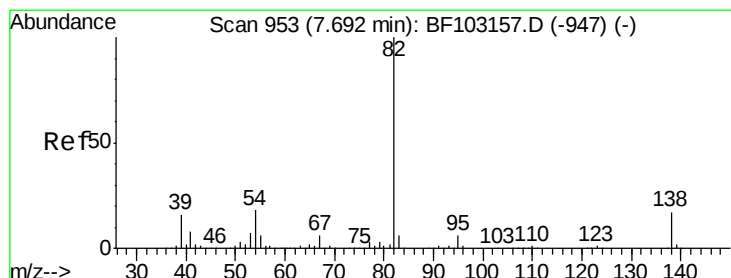
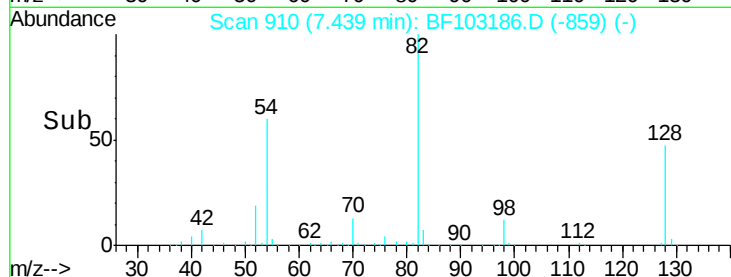
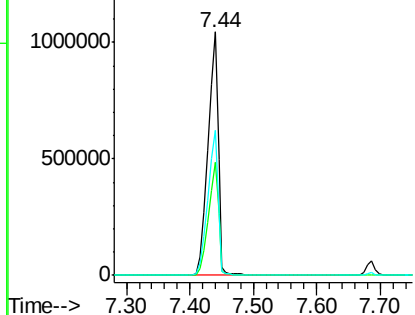
#23
 Nitrobenzene-d5
 Concen: 87.058 ng
 RT: 7.44 min Scan# 910
 Delta R.T. -0.00 min
 Lab File: BF103186.D
 Acq: 23 Feb 2018 9:20

Instrument :
 BNA_F
 ClientSampleId :
 LOD-MDL-SOIL-01-QT1-2018

Tgt Ion: 82 Resp: 1194343
 Ion Ratio Lower Upper
 82 100
 128 46.7 36.1 54.1
 54 59.8 41.4 62.2

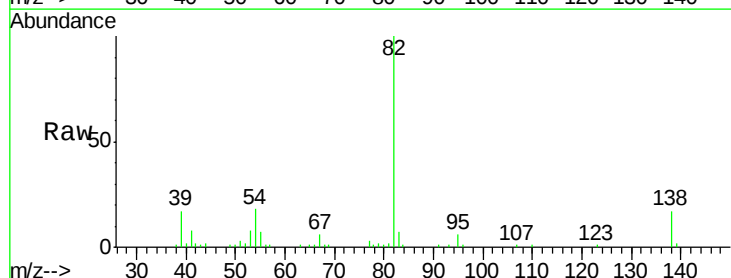


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

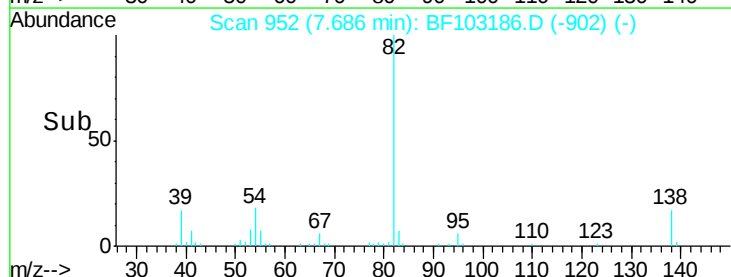
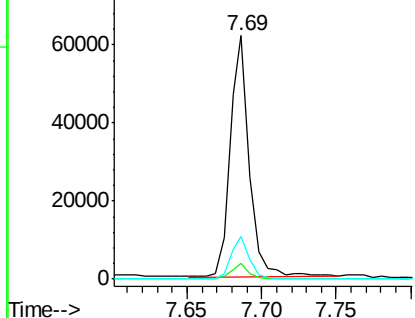


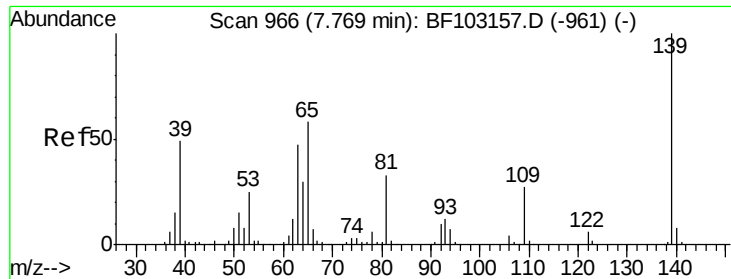
#25
 Isophorone
 Concen: 2.066 ng
 RT: 7.69 min Scan# 952
 Delta R.T. -0.01 min
 Lab File: BF103186.D
 Acq: 23 Feb 2018 9:20

Tgt Ion: 82 Resp: 55814
 Ion Ratio Lower Upper
 82 100
 95 6.3 5.2 7.8
 138 17.5 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

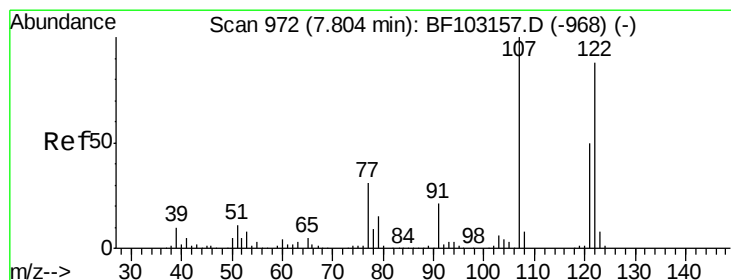
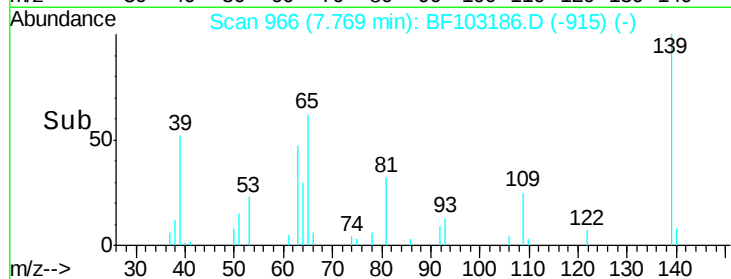
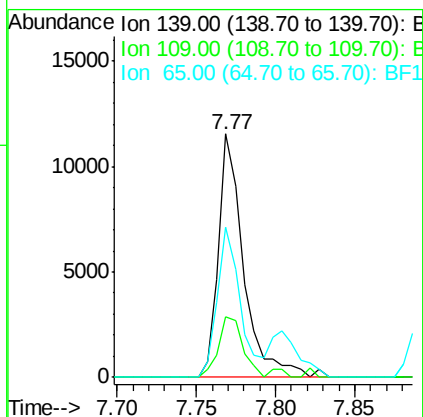
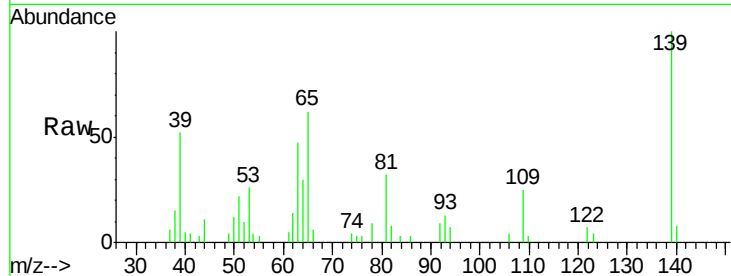




#26
2-Nitrophenol
Concen: 1.797 ng
RT: 7.77 min Scan# 966
Delta R.T. -0.00 min
Lab File: BF103186.D
Acq: 23 Feb 2018 9:20

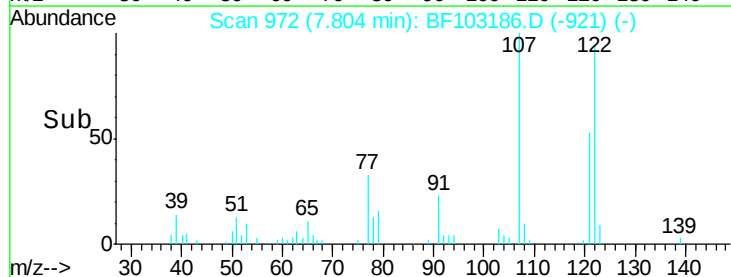
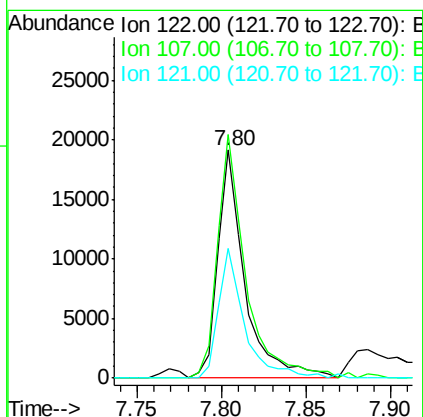
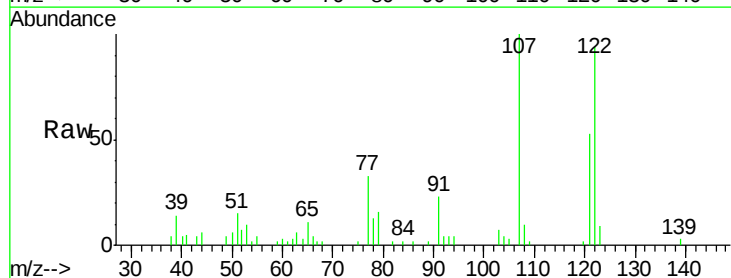
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2018

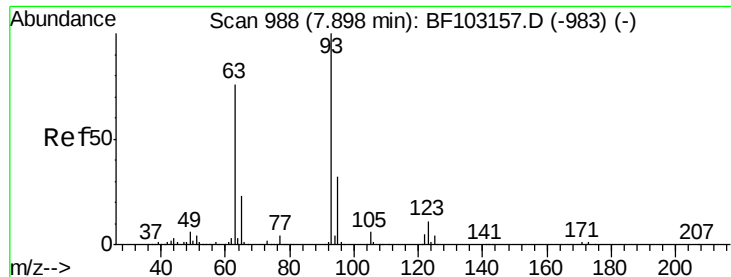
Tgt Ion:139 Resp: 12780
Ion Ratio Lower Upper
139 100
109 24.9 22.7 34.1
65 61.8 40.5 60.7#



#27
2,4-Dimethylphenol
Concen: 1.974 ng
RT: 7.80 min Scan# 972
Delta R.T. -0.00 min
Lab File: BF103186.D
Acq: 23 Feb 2018 9:20

Tgt Ion:122 Resp: 21451
Ion Ratio Lower Upper
122 100
107 106.9 91.2 136.8
121 56.7 47.2 70.8

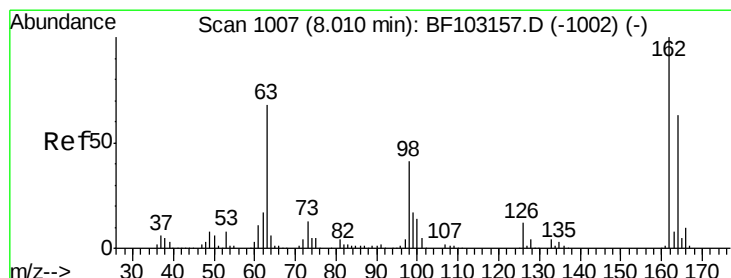
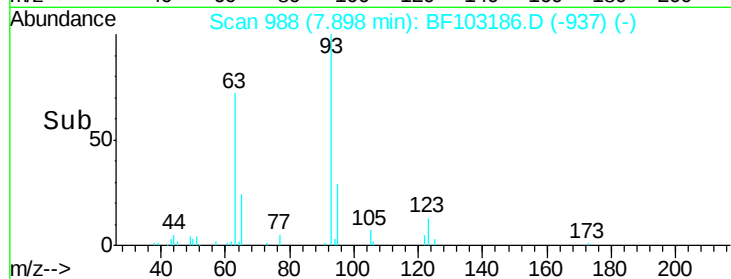
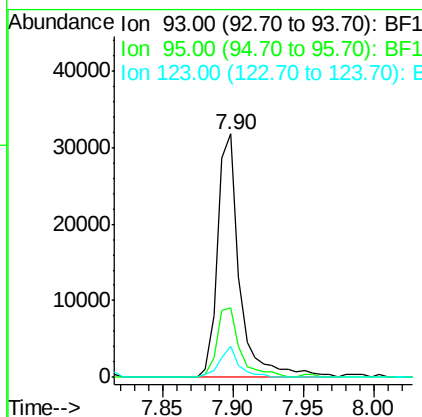
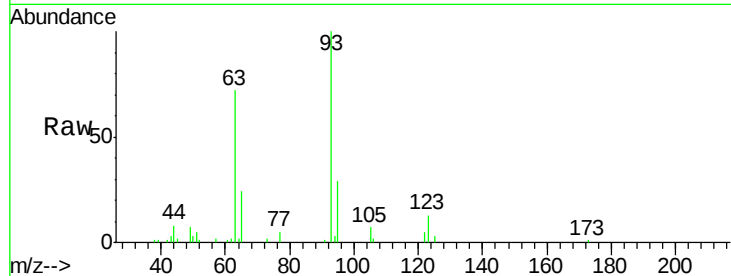




#28
bis(2-Chloroethoxy)methane
Concen: 2.176 ng
RT: 7.90 min Scan# 988
Delta R.T. -0.00 min
Lab File: BF103186.D
Acq: 23 Feb 2018 9:20

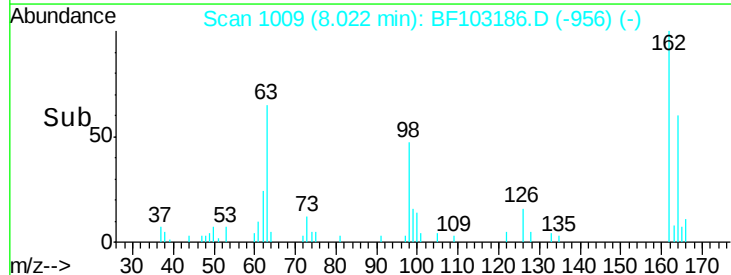
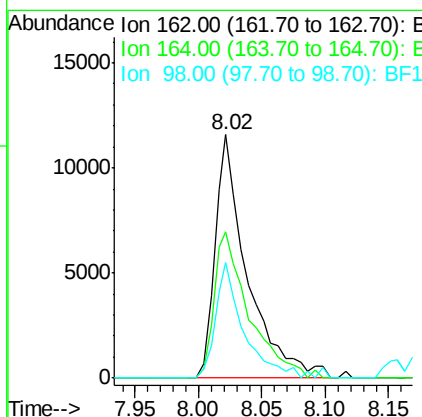
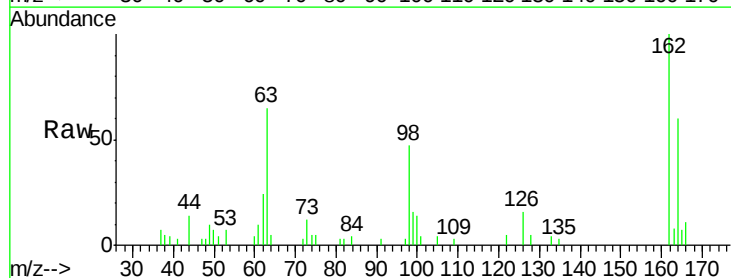
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2018

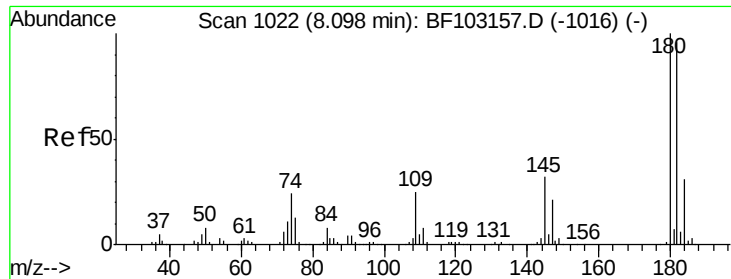
Tgt Ion: 93 Resp: 34574
Ion Ratio Lower Upper
93 100
95 28.5 26.3 39.5
123 12.6 9.8 14.6



#29
2,4-Dichlorophenol
Concen: 1.964 ng
RT: 8.02 min Scan# 1009
Delta R.T. 0.01 min
Lab File: BF103186.D
Acq: 23 Feb 2018 9:20

Tgt Ion: 162 Resp: 20438
Ion Ratio Lower Upper
162 100
164 60.0 42.7 82.7
98 47.2 18.1 58.1

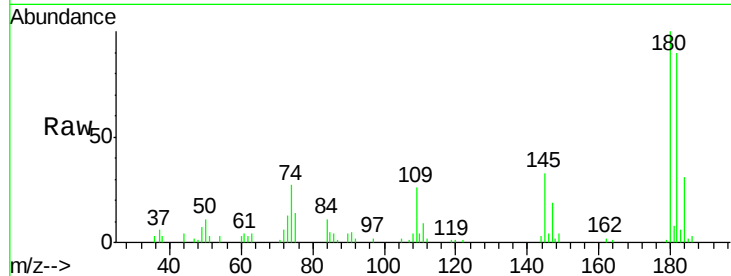




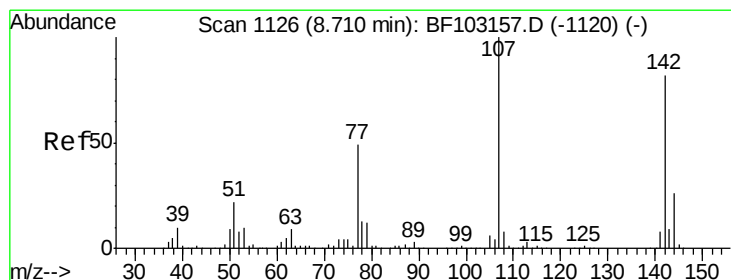
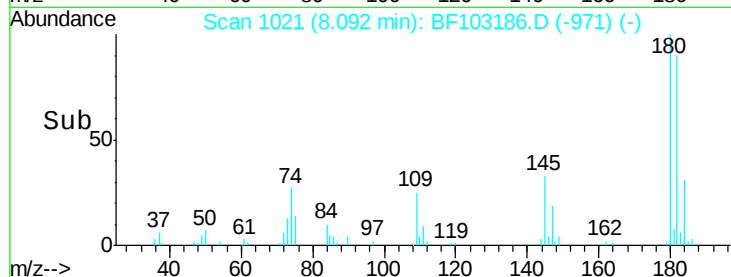
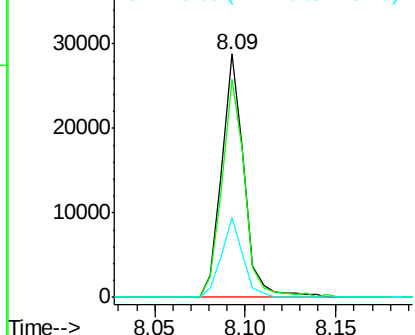
#30
 1,2,4-Trichlorobenzene
 Concen: 2.237 ng
 RT: 8.09 min Scan# 1021
 Delta R.T. -0.01 min
 Lab File: BF103186.D
 Acq: 23 Feb 2018 9:20

Instrument :
 BNA_F
 ClientSampleId :
 LOD-MDL-SOIL-01-QT1-2018

Tgt Ion:180 Resp: 24790
 Ion Ratio Lower Upper
 180 100
 182 89.6 76.8 115.2
 145 32.7 26.5 39.7

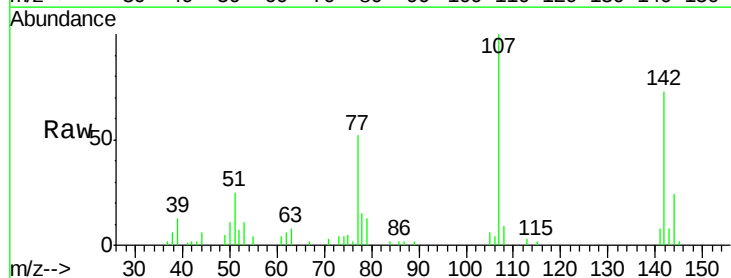


Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

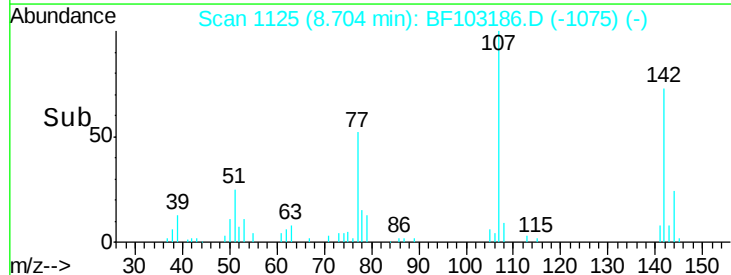
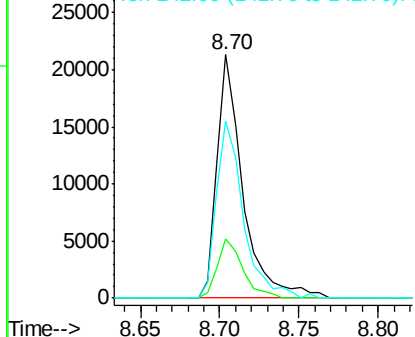


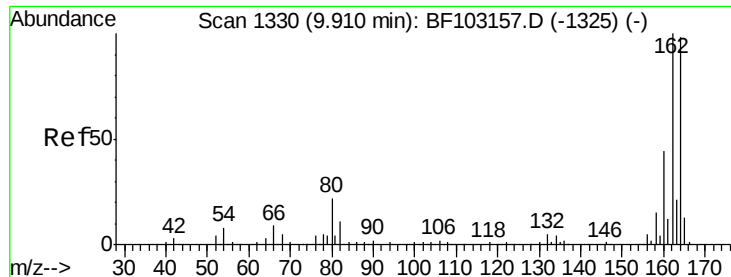
#36
 4-Chloro-3-methylphenol
 Concen: 2.057 ng
 RT: 8.70 min Scan# 1125
 Delta R.T. -0.01 min
 Lab File: BF103186.D
 Acq: 23 Feb 2018 9:20

Tgt Ion:107 Resp: 24141
 Ion Ratio Lower Upper
 107 100
 144 24.3 20.5 30.7
 142 72.9 62.0 93.0



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.91 min Scan# 1330

Delta R.T. -0.00 min

Lab File: BF103186.D

Acq: 23 Feb 2018 9:20

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2018

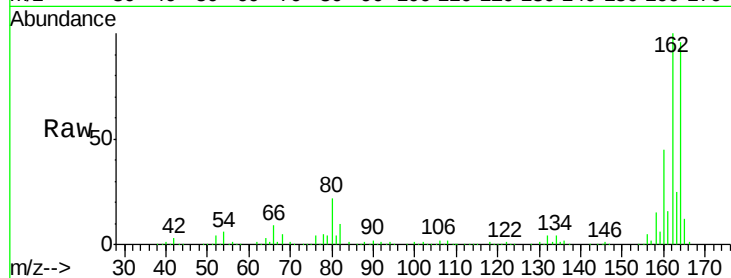
Tgt Ion:164 Resp: 367637

Ion Ratio Lower Upper

164 100

162 103.8 86.1 129.1

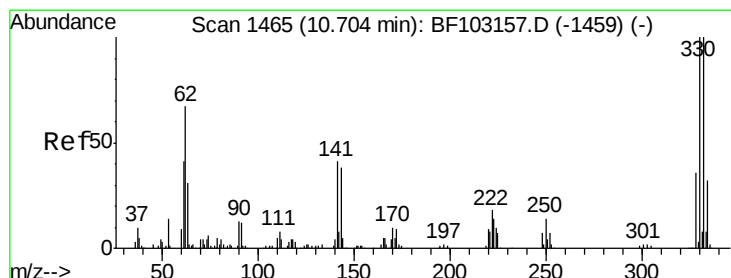
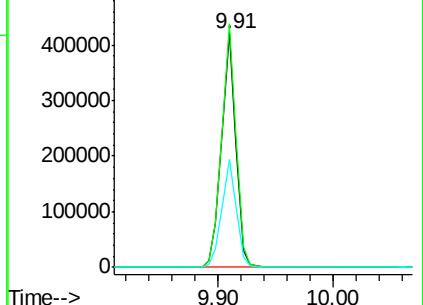
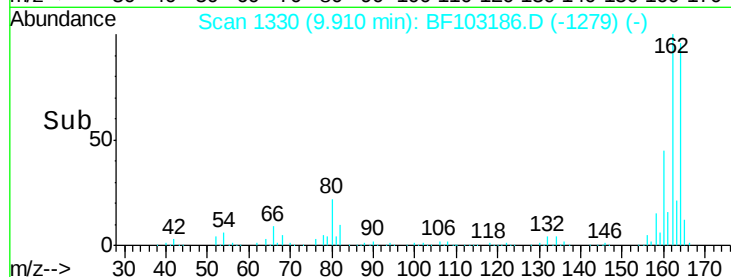
160 46.3 38.3 57.5



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: 115.345 ng

RT: 10.70 min Scan# 1465

Delta R.T. -0.00 min

Lab File: BF103186.D

Acq: 23 Feb 2018 9:20

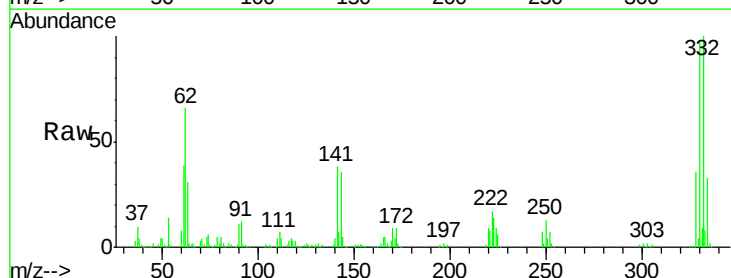
Tgt Ion:330 Resp: 358937

Ion Ratio Lower Upper

330 100

332 101.8 77.0 115.6

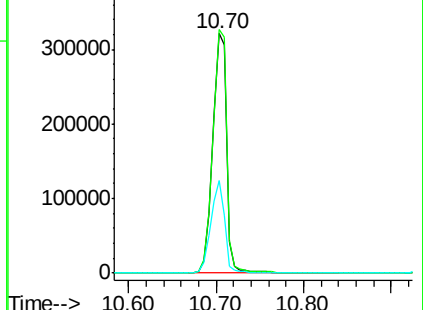
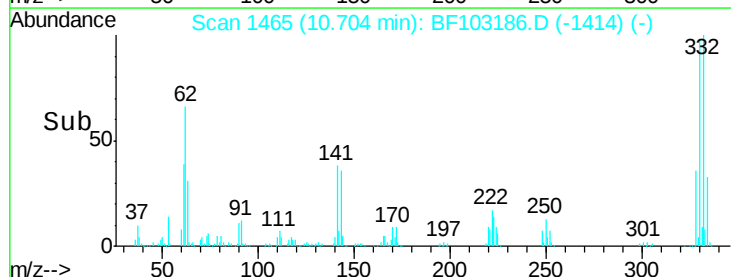
141 38.0 29.9 44.9

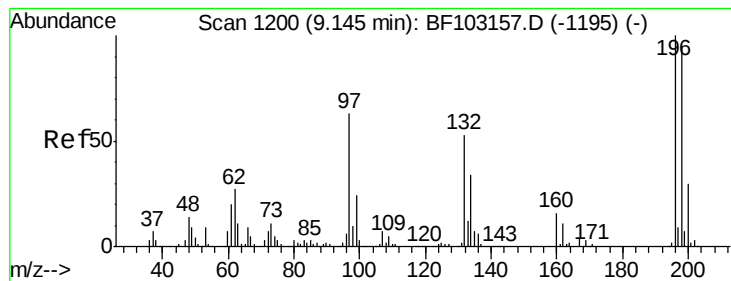


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#42

2,4,6-Trichlorophenol

Concen: 1.952 ng

RT: 9.15 min Scan# 1201

Delta R.T. 0.01 min

Lab File: BF103186.D

Acq: 23 Feb 2018 9:20

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2018

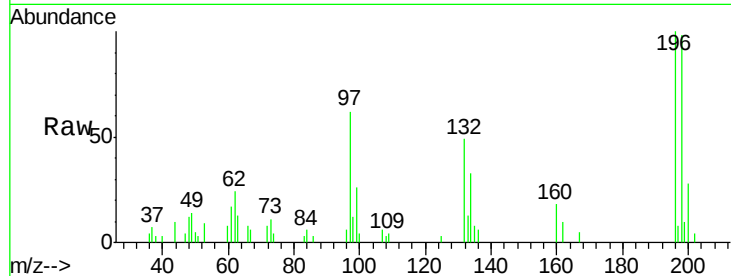
Tgt Ion:196 Resp: 13202

Ion Ratio Lower Upper

196 100

198 97.8 75.7 113.5

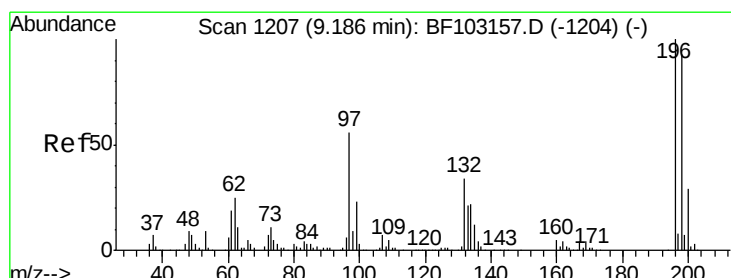
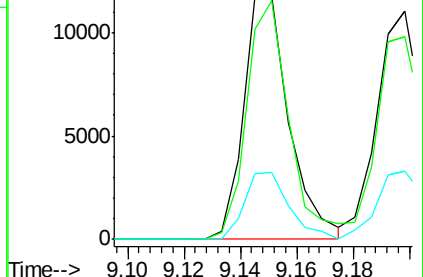
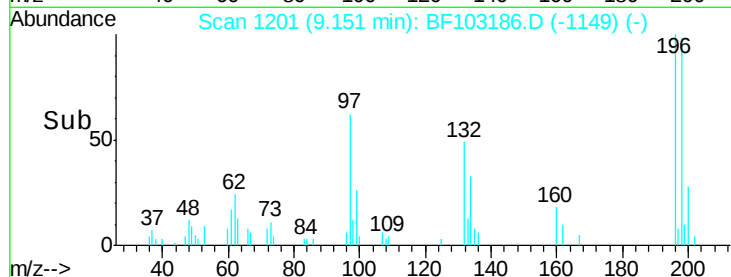
200 27.6 24.5 36.7



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



#43

2,4,5-Trichlorophenol

Concen: 1.951 ng

RT: 9.20 min Scan# 1209

Delta R.T. 0.01 min

Lab File: BF103186.D

Acq: 23 Feb 2018 9:20

Tgt Ion:196 Resp: 15173

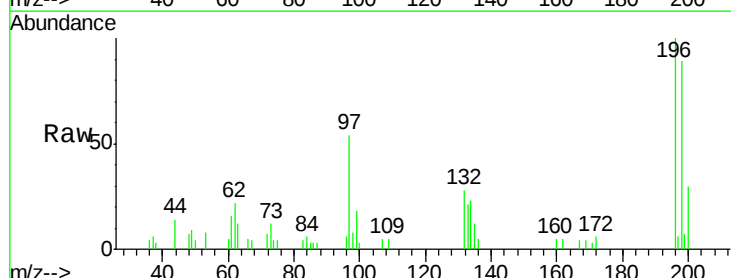
Ion Ratio Lower Upper

196 100

198 89.0 74.6 112.0

97 53.6 42.9 64.3

132 28.2 26.3 39.5

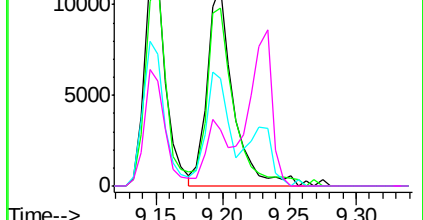
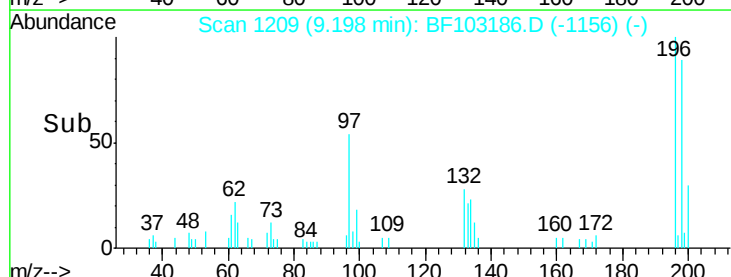


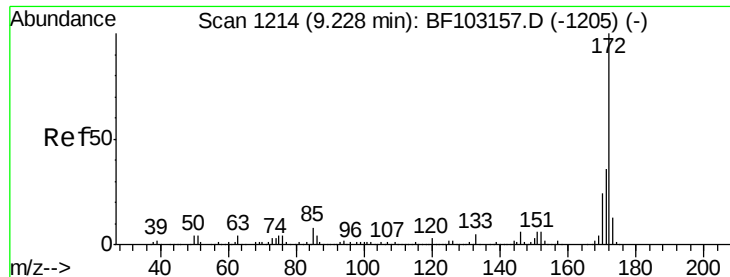
Abundance Ion 196.00 (195.70 to 196.70): E

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





#44

2-Fluorobiphenyl

Concen: 82.925 ng

RT: 9.23 min Scan# 1215

Delta R.T. 0.01 min

Lab File: BF103186.D

Acq: 23 Feb 2018 9:20

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2018

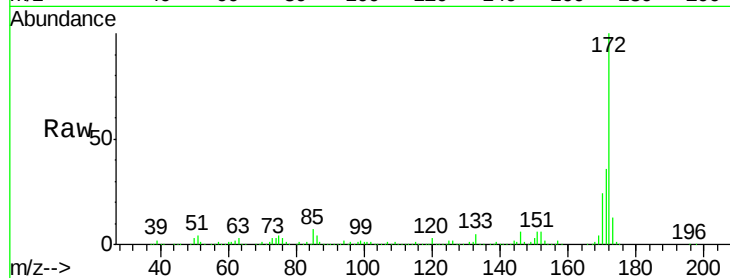
Tgt Ion:172 Resp: 1780294

Ion Ratio Lower Upper

172 100

171 36.3 29.7 44.5

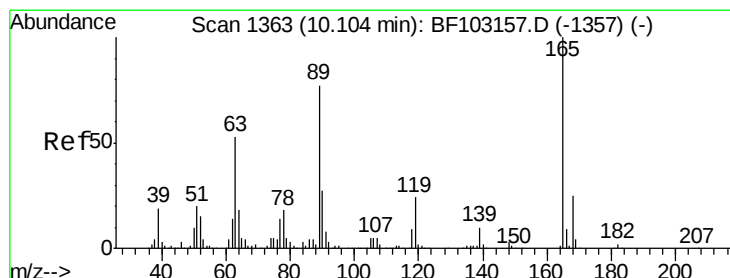
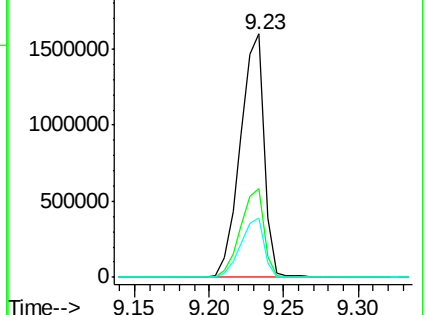
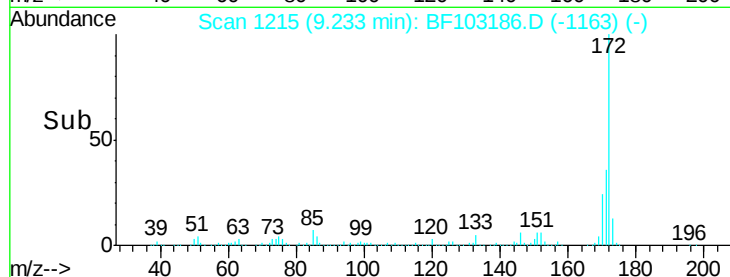
170 24.3 19.6 29.4



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



#56

2,4-Dinitrotoluene

Concen: 1.909 ng

RT: 10.10 min Scan# 1362

Delta R.T. -0.01 min

Lab File: BF103186.D

Acq: 23 Feb 2018 9:20

Tgt Ion:165 Resp: 14944

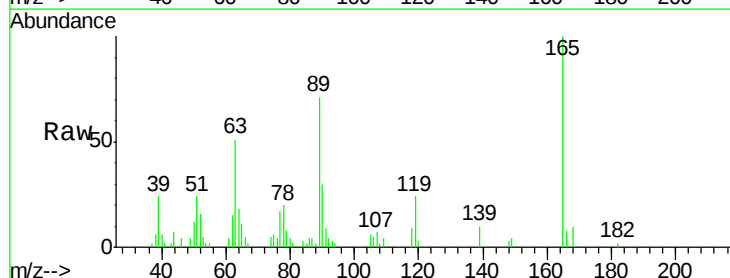
Ion Ratio Lower Upper

165 100

63 50.5 36.4 54.6

89 71.5 57.8 86.6

182 2.1 1.6 2.4

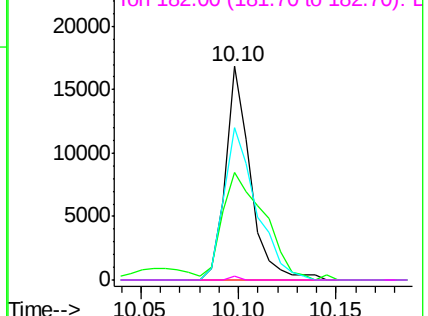
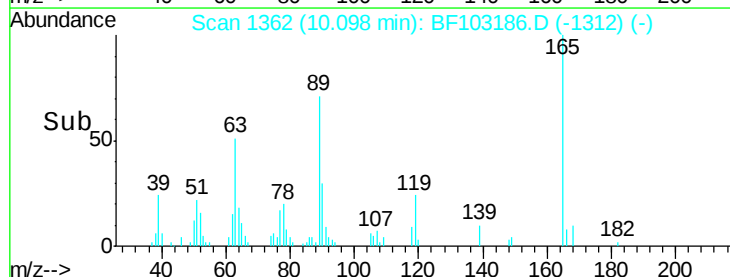


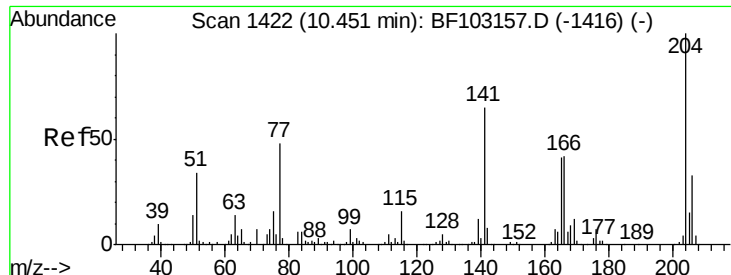
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E

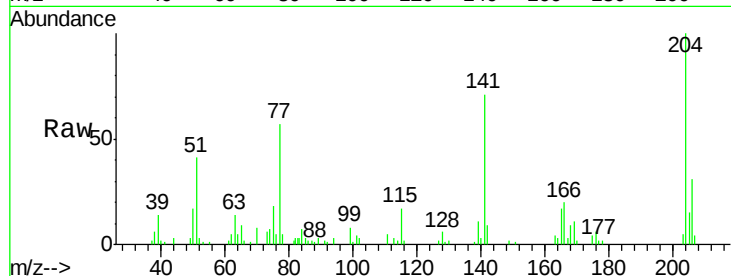




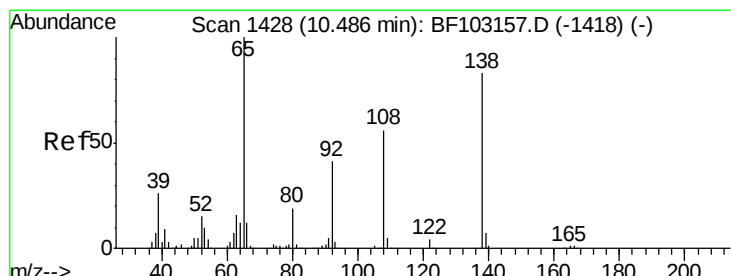
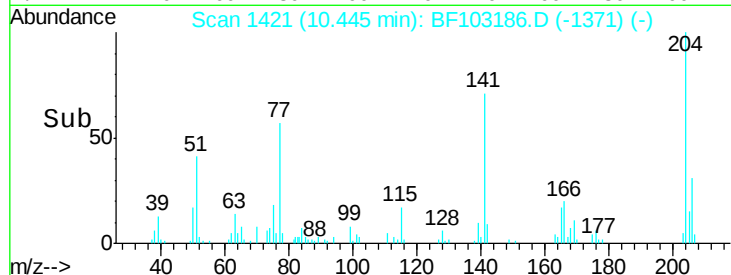
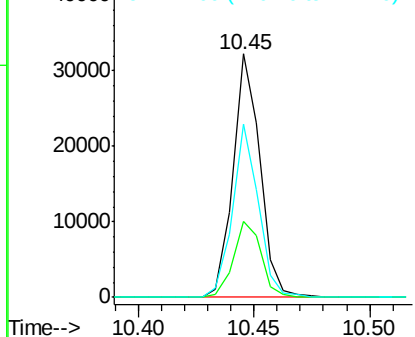
#60
 4-Chlorophenyl-phenylether
 Concen: 2.409 ng
 RT: 10.45 min Scan# 1421
 Delta R.T. -0.01 min
 Lab File: BF103186.D
 Acq: 23 Feb 2018 9:20

Instrument :
 BNA_F
 ClientSampleId :
 LOD-MDL-SOIL-01-QT1-2018

Tgt Ion:204 Resp: 26124
 Ion Ratio Lower Upper
 204 100
 206 31.4 26.5 39.7
 141 71.0 54.6 81.8

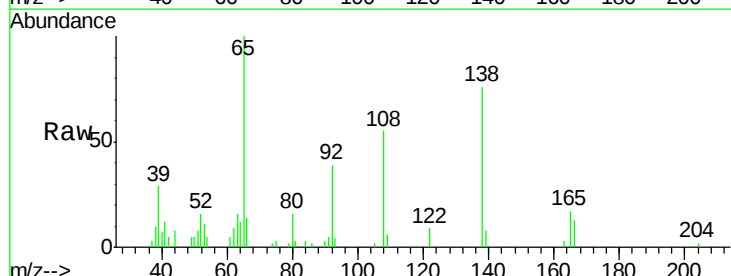


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

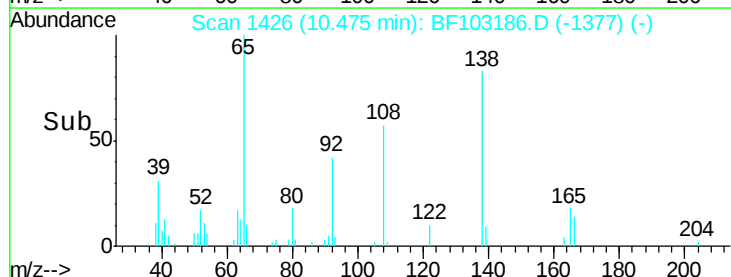
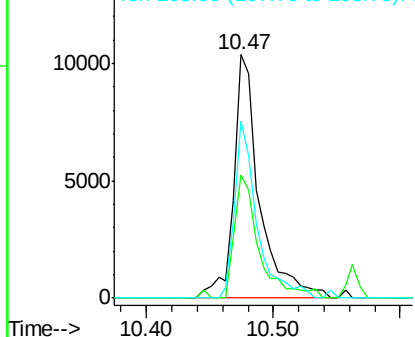


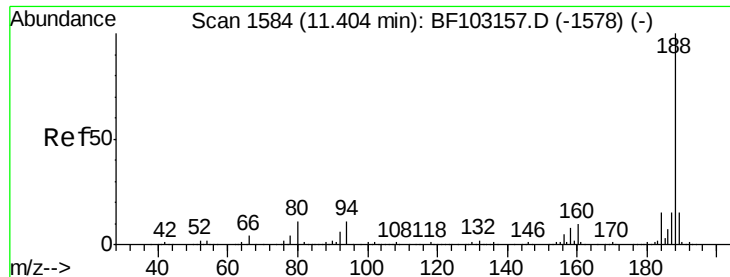
#61
 4-Nitroaniline
 Concen: 1.844 ng
 RT: 10.47 min Scan# 1426
 Delta R.T. -0.01 min
 Lab File: BF103186.D
 Acq: 23 Feb 2018 9:20

Tgt Ion:138 Resp: 14465
 Ion Ratio Lower Upper
 138 100
 92 50.8 30.2 70.2
 108 72.6 52.5 92.5



Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 108.00 (107.70 to 108.70): E

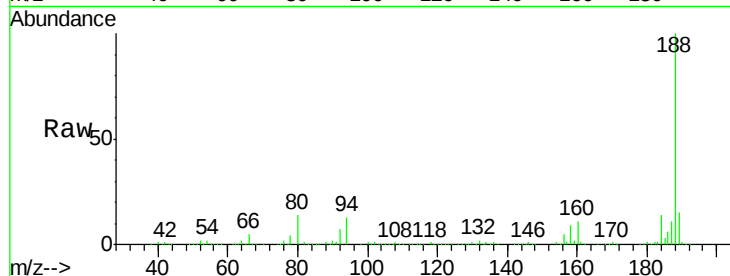




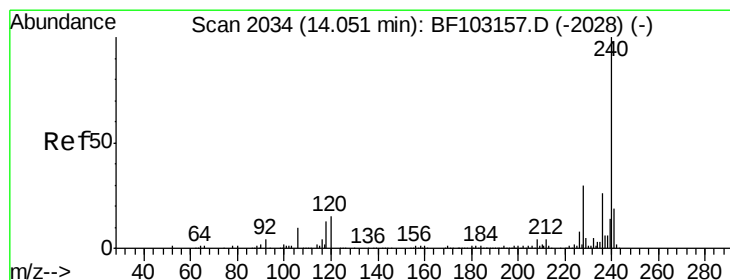
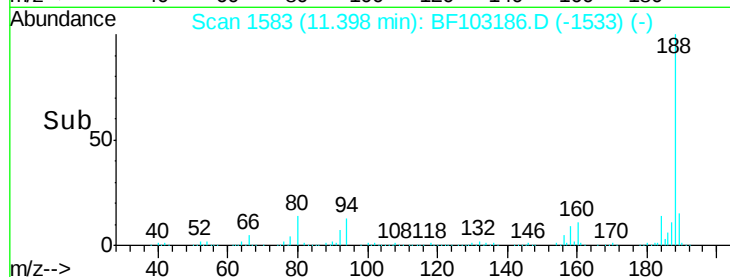
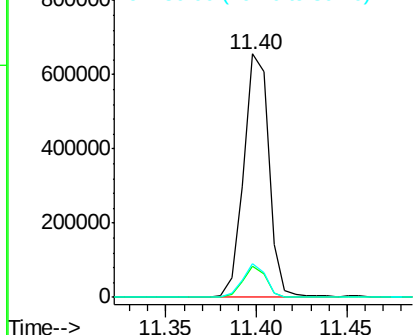
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF103186.D
Acq: 23 Feb 2018 9:20

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2018

Tgt Ion:188 Resp: 637218
Ion Ratio Lower Upper
188 100
94 12.9 8.5 12.7#
80 13.7 9.2 13.8

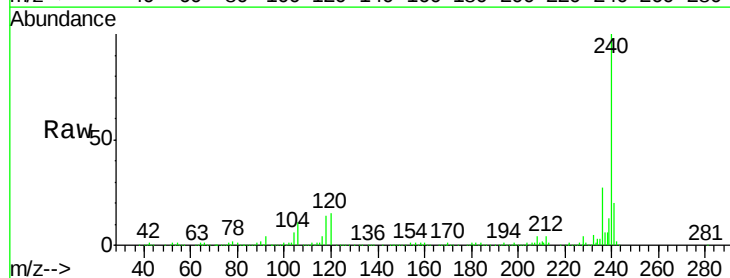


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

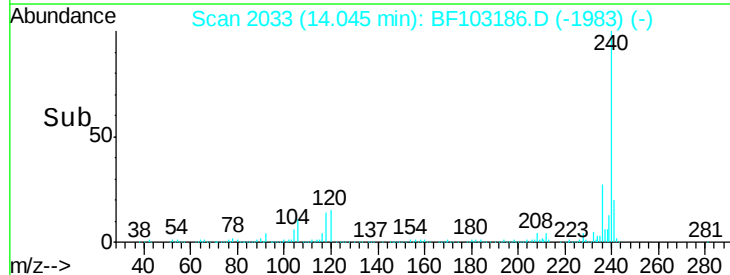
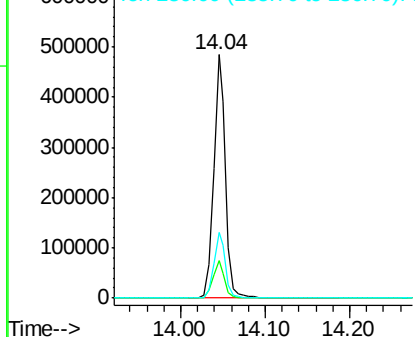


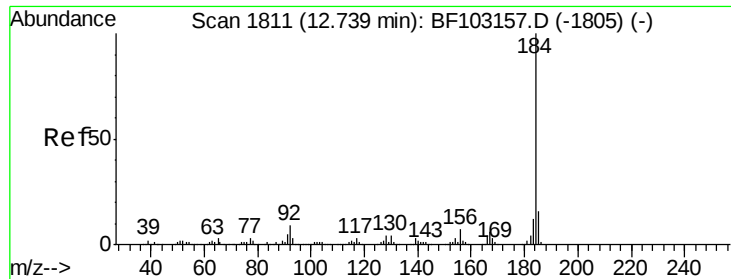
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF103186.D
Acq: 23 Feb 2018 9:20

Tgt Ion:240 Resp: 479554
Ion Ratio Lower Upper
240 100
120 15.4 9.5 14.3#
236 26.9 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: 1.139 ng

RT: 12.99 min Scan# 1853

Delta R.T. 0.25 min

Lab File: BF103186.D

Acq: 23 Feb 2018 9:20

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2018

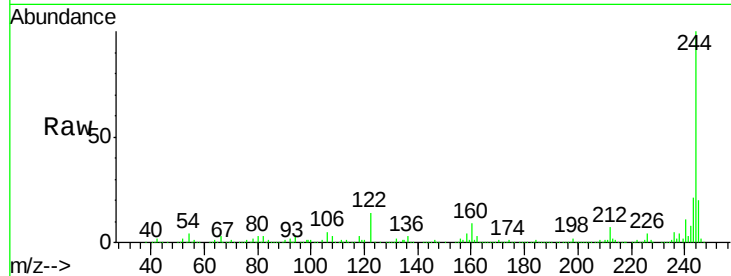
Tgt Ion:184 Resp: 20414

Ion Ratio Lower Upper

184 100

185 16.3 12.6 18.8

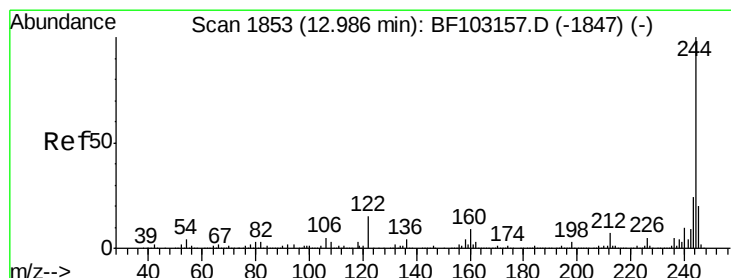
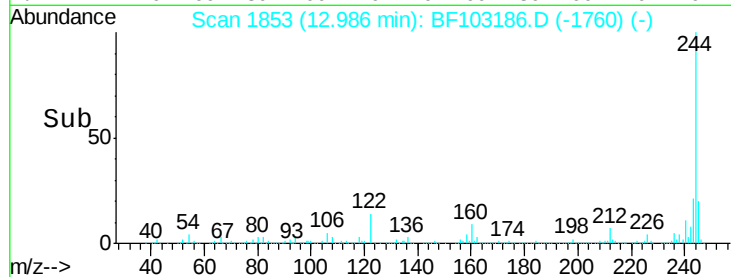
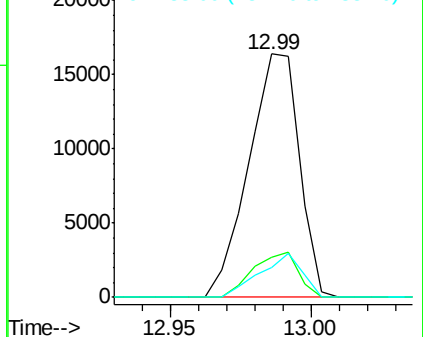
183 12.5 9.3 13.9



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



#78

Terphenyl-d14

Concen: 73.732 ng

RT: 12.99 min Scan# 1854

Delta R.T. 0.01 min

Lab File: BF103186.D

Acq: 23 Feb 2018 9:20

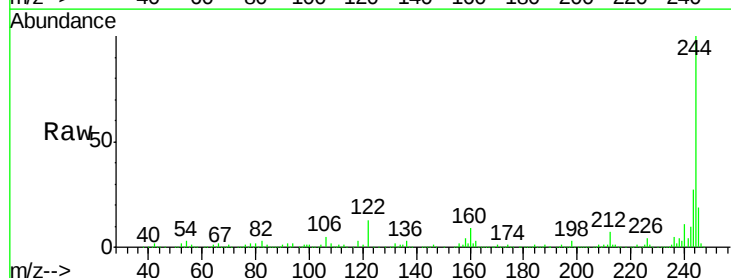
Tgt Ion:244 Resp: 1470905

Ion Ratio Lower Upper

244 100

212 7.3 5.4 8.0

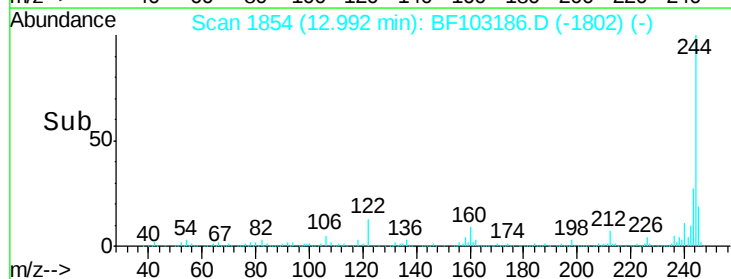
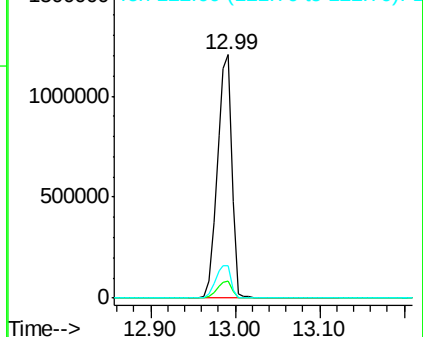
122 13.2 11.0 16.4

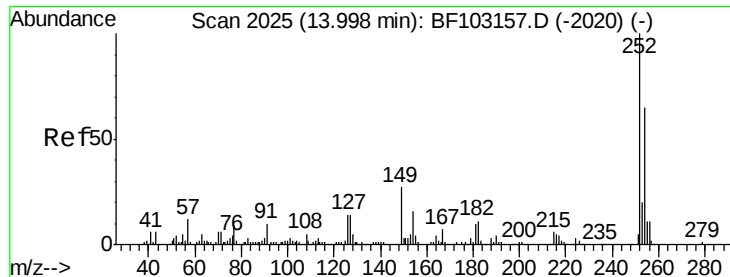


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

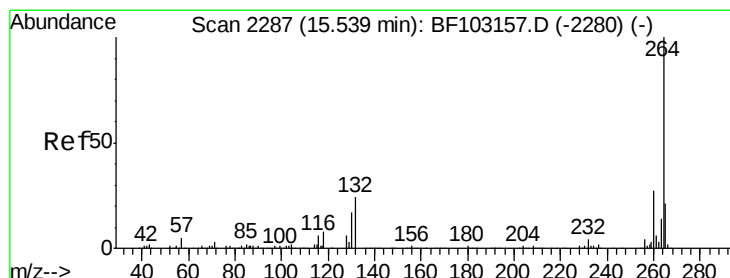
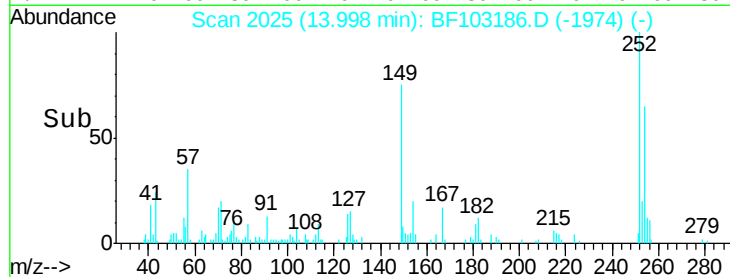
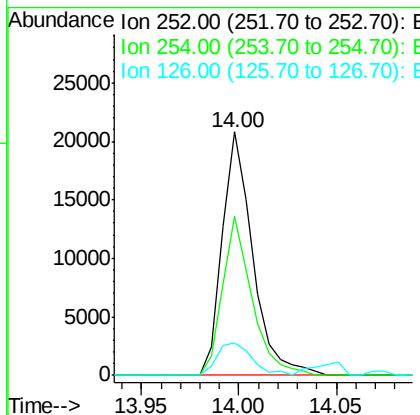
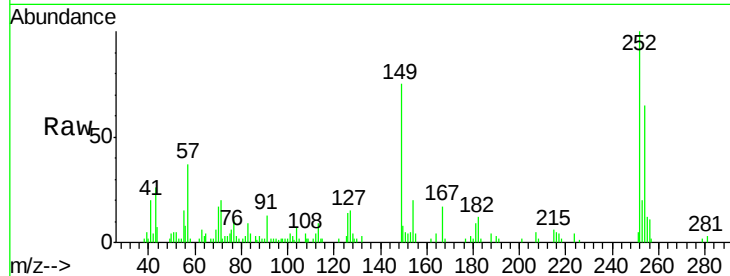




#81
 3,3'-Dichlorobenzidine
 Concen: 2.035 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. -0.00 min
 Lab File: BF103186.D
 Acq: 23 Feb 2018 9:20

Instrument :
 BNA_F
 ClientSampleId :
 LOD-MDL-SOIL-01-QT1-2018

Tgt Ion: 252 Resp: 22593
 Ion Ratio Lower Upper
 252 100
 254 65.2 50.4 75.6
 126 13.6 11.3 16.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.54 min Scan# 2288
 Delta R.T. 0.01 min
 Lab File: BF103186.D
 Acq: 23 Feb 2018 9:20

Tgt Ion: 264 Resp: 464471
 Ion Ratio Lower Upper
 264 100
 260 25.4 19.2 28.8
 265 22.0 17.5 26.3

