

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111317\
 Data File : BF100498.D
 Acq On : 13 Nov 2017 13:14
 Operator : SJ/JU
 Sample : I6368-04
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TEC-RCA-SOIL

Quant Time: Nov 13 14:04:08 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 10 15:44:40 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	107882	20.00	ng	-0.02
21) Naphthalene-d8	8.17	136	419518	20.00	ng	-0.02
38) Acenaphthene-d10	9.93	164	185599	20.00	ng	-0.02
63) Phenanthrene-d10	11.41	188	301061	20.00	ng	-0.02
75) Chrysene-d12	14.05	240	230065	20.00	ng	-0.02
86) Perylene-d12	15.53	264	205898	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	364948	54.23	ng	0.00
7) Phenol-d6	6.52	99	811228	97.75	ng	0.00
23) Nitrobenzene-d5	7.45	82	433367	68.30	ng	-0.02
41) 2,4,6-Tribromophenol	10.71	330	84509	44.68	ng	-0.02
44) 2-Fluorobiphenyl	9.25	172	781585	64.12	ng	-0.02
78) Terphenyl-d14	12.99	244	554037	55.33	ng	-0.02

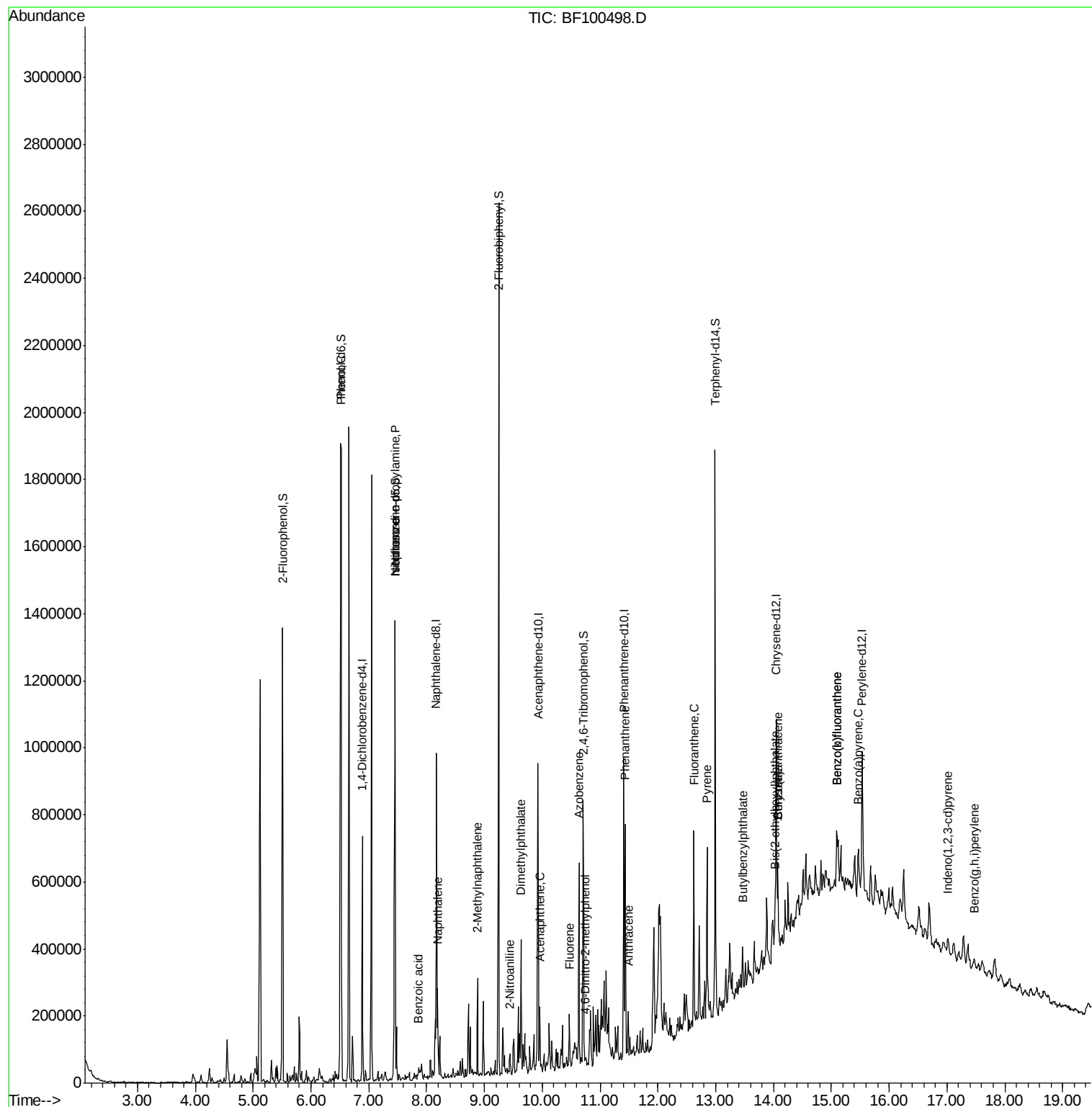
Target Compounds				Qvalue		
10) Phenol	6.53	94	34520	3.962	ng	93
19) n-Nitroso-di-n-propylamine	7.45	70	59988	10.423	ng	# 82
25) Isophorone	7.45	82	432691	32.449	ng	# 64
31) Naphthalene	8.19	128	64937	3.214	ng	98
32) Benzoic acid	7.86	122	503	9.459	ng	91
37) 2-Methylnaphthalene	8.88	142	68827	5.131	ng	97
47) 2-Nitroaniline	9.44	65	589	2.945	ng	# 2
49) Dimethylphthalate	9.63	163	120726	8.519	ng	99
51) Acenaphthene	9.96	154	31419	2.677	ng	98
57) Fluorene	10.47	166	36776	3.052	ng	99
62) Azobenzene	10.63	77	90025	6.740	ng	# 1
64) 4,6-Dinitro-2-methylphenol	10.74	198	116	8.633	ng	# 1
70) Phenanthrene	11.43	178	236069	14.893	ng	98
71) Anthracene	11.49	178	55863	3.474	ng	98
74) Fluoranthene	12.62	202	218005	12.977	ng	95
77) Pyrene	12.85	202	197291	12.030	ng	99
79) Butylbenzylphthalate	13.47	149	32458	4.853	ng	# 87
80) Benzo(a)anthracene	14.07	228	95757	6.912	ng	95
82) Chrysene	14.07	228	95757	7.137	ng	97
83) Bis(2-ethylhexyl)phthalate	14.02	149	20341	2.312	ng	# 99
85) Indeno(1,2,3-cd)pyrene	17.02	276	31682	2.920	ng	# 90
87) Benzo(b)fluoranthene	15.09	252	125251	10.268	ng	# 90
88) Benzo(k)fluoranthene	15.09	252	125251	10.867	ng	# 93
89) Benzo(a)pyrene	15.47	252	63885	5.907	ng	# 92
91) Benzo(g,h,i)perylene	17.47	276	31710	3.663	ng	91

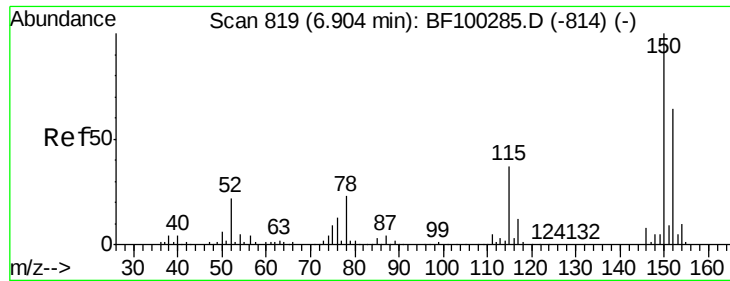
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111317\
Data File : BF100498.D
Acq On : 13 Nov 2017 13:14
Operator : SJ/JU
Sample : I6368-04
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TEC-RCA-SOIL

Quant Time: Nov 13 14:04:08 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 10 15:44:40 2017
Response via : Initial Calibration



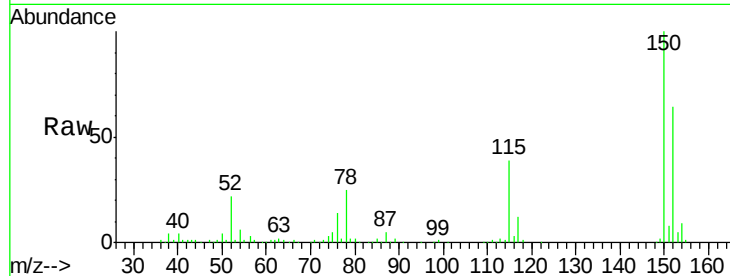


#1

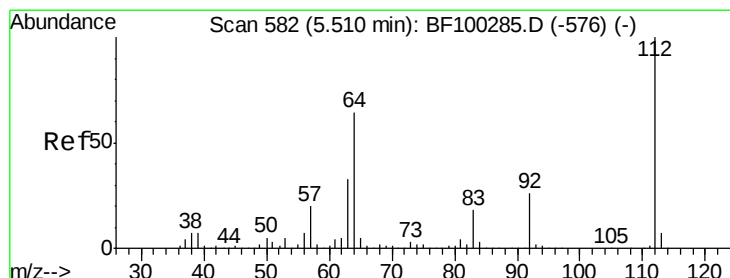
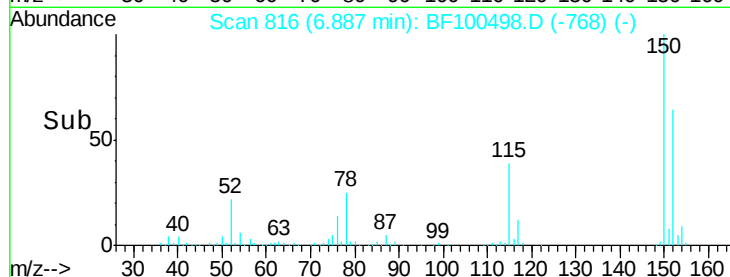
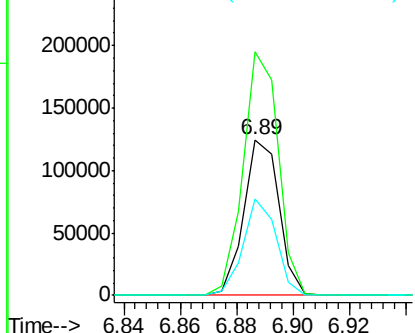
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.89 min Scan# 816
 Delta R.T. -0.02 min
 Lab File: BF100498.D
 Acq: 13 Nov 2017 13:14

Instrument :
 BNA_F
 ClientSampleId :
 TEC-RCA-SOIL

Tgt Ion:152 Resp: 107882
 Ion Ratio Lower Upper
 152 100
 150 156.4 124.6 186.8
 115 61.6 50.1 75.1



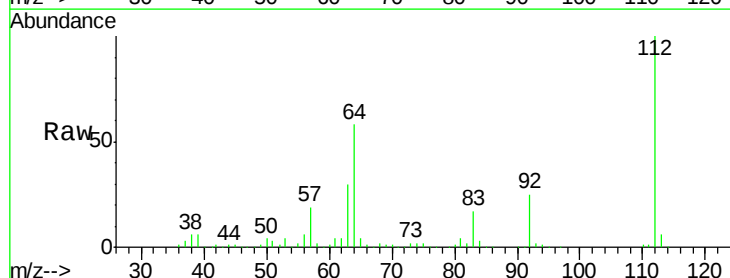
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



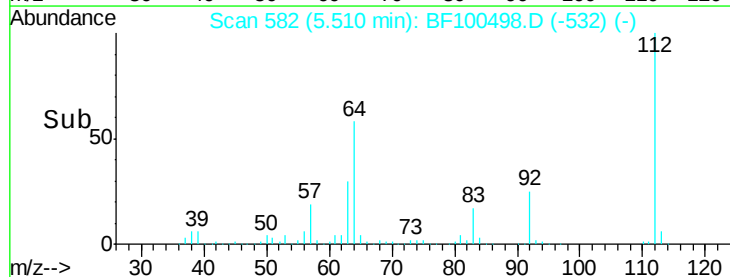
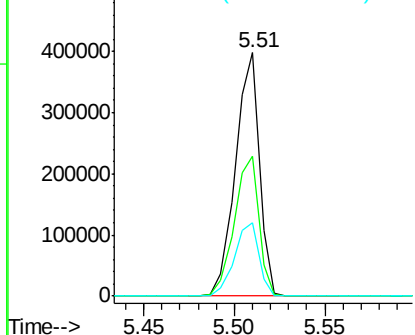
#5

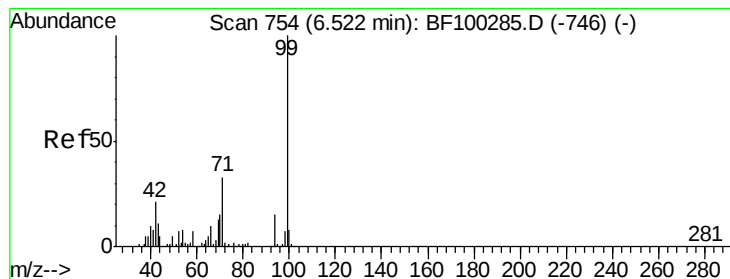
2-Fluorophenol
 Concen: 54.227 ng
 RT: 5.51 min Scan# 582
 Delta R.T. -0.01 min
 Lab File: BF100498.D
 Acq: 13 Nov 2017 13:14

Tgt Ion:112 Resp: 364948
 Ion Ratio Lower Upper
 112 100
 64 57.5 47.9 71.9
 63 30.4 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: 97.749 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.01 min

Lab File: BF100498.D

Acq: 13 Nov 2017 13:14

Instrument :

BNA_F

ClientSampleId :

TEC-RCA-SOIL

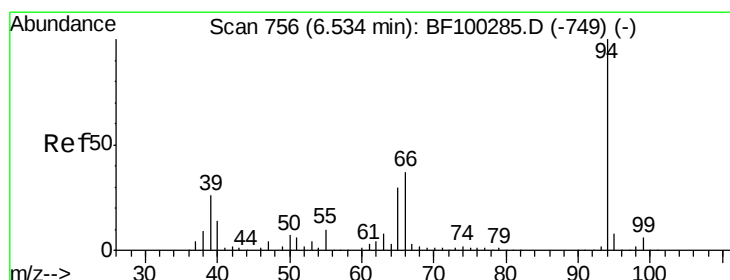
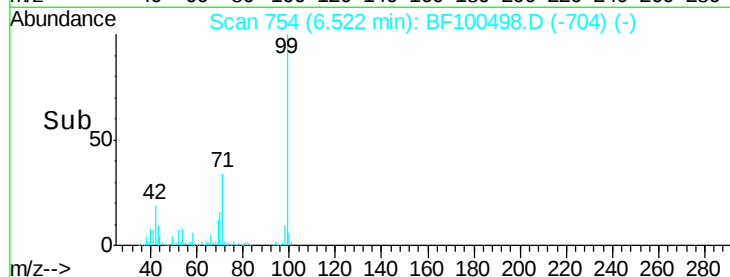
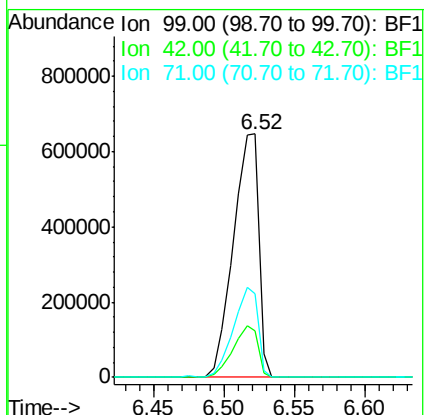
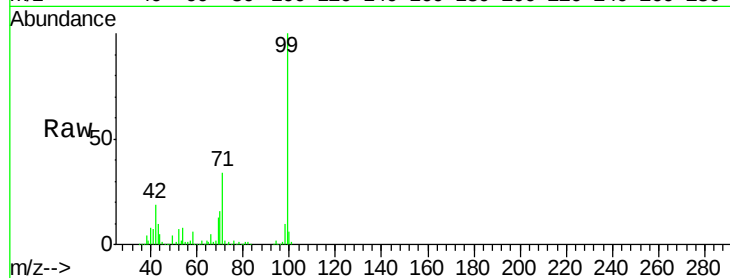
Tgt Ion: 99 Resp: 811228

Ion Ratio Lower Upper

99 100

42 19.2 14.5 21.7

71 34.5 25.4 38.0



#10

Phenol

Concen: 3.962 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.01 min

Lab File: BF100498.D

Acq: 13 Nov 2017 13:14

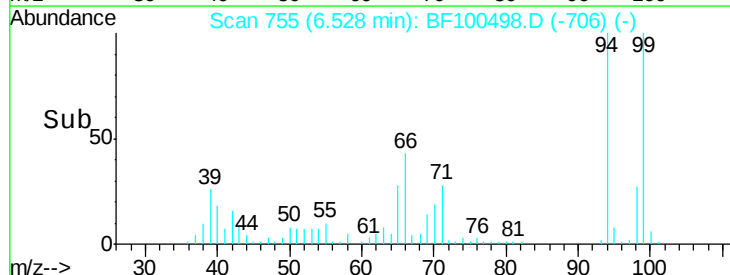
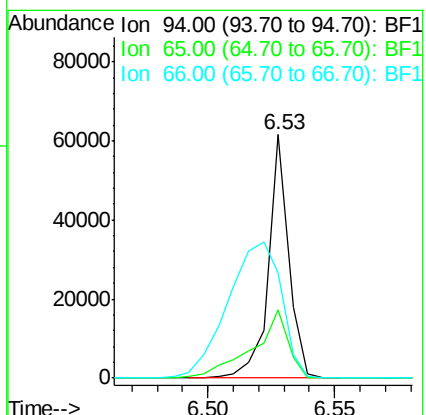
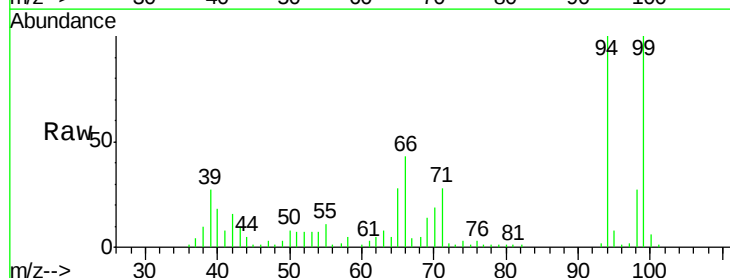
Tgt Ion: 94 Resp: 34520

Ion Ratio Lower Upper

94 100

65 27.9 7.9 47.9

66 43.0 16.2 56.2

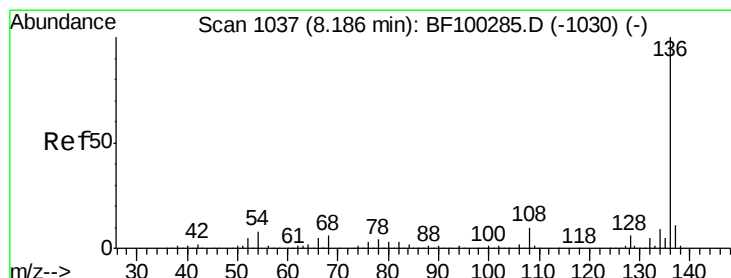
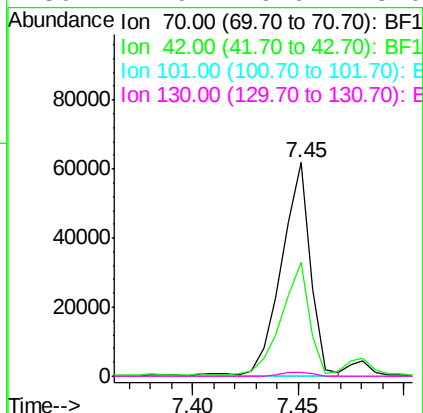
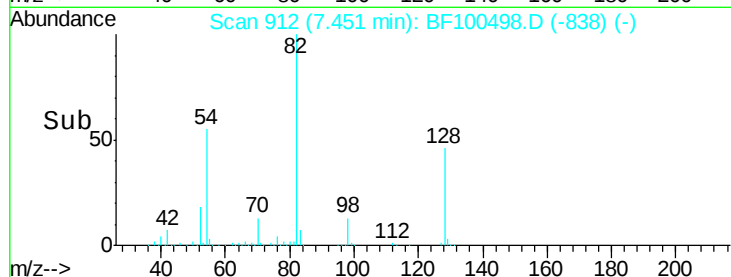
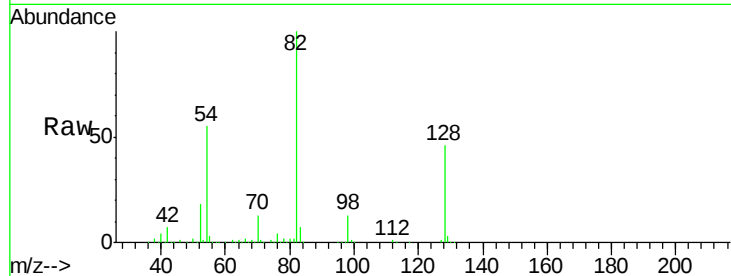




#19
n-Nitroso-di-n-propylamine
Concen: 10.423 ng
RT: 7.45 min Scan# 912
Delta R.T. 0.14 min
Lab File: BF100498.D
Acq: 13 Nov 2017 13:14

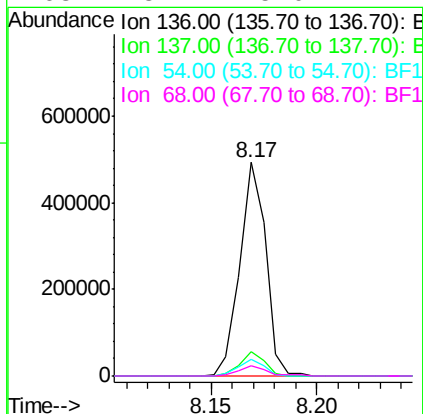
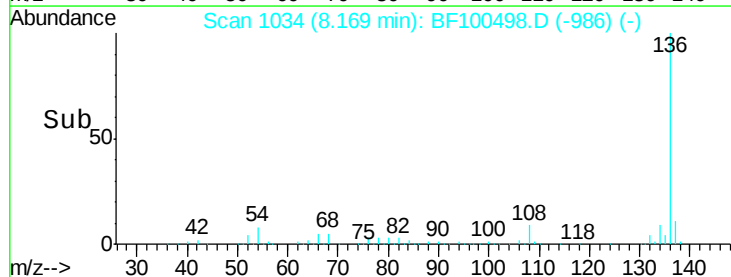
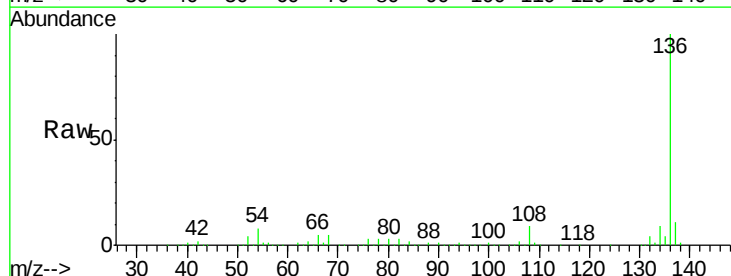
Instrument :
BNA_F
ClientSampleId :
TEC-RCA-SOIL

Tgt Ion: 70 Resp: 59988
Ion Ratio Lower Upper
70 100
42 53.1 47.5 71.3
101 0.0 7.4 11.2#
130 1.9 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1034
Delta R.T. -0.02 min
Lab File: BF100498.D
Acq: 13 Nov 2017 13:14

Tgt Ion: 136 Resp: 419518
Ion Ratio Lower Upper
136 100
137 11.2 8.9 13.3
54 7.9 6.6 9.8
68 5.1 5.0 7.4

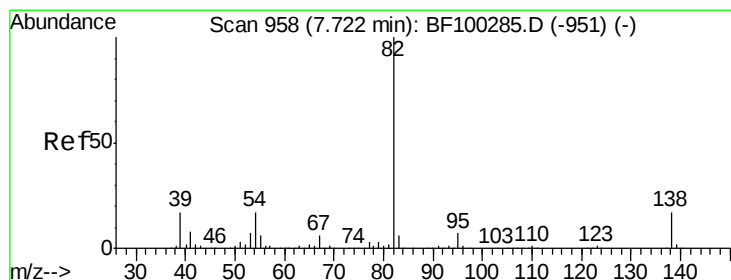
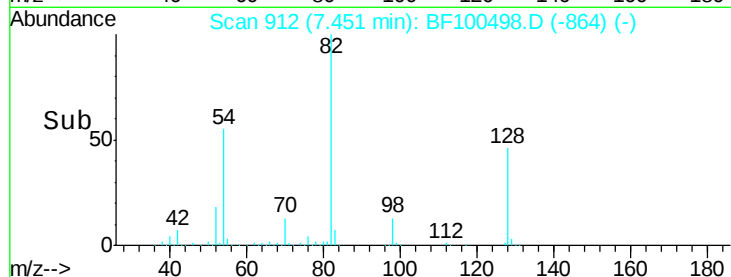
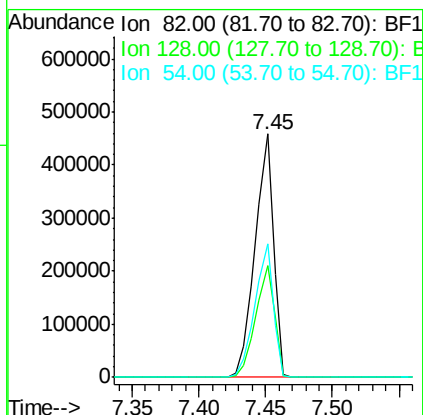
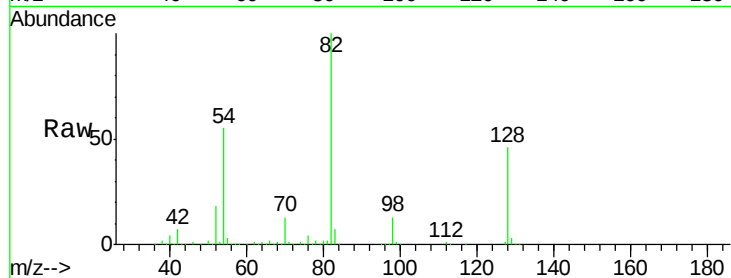




#23
Nitrobenzene-d5
Concen: 68.296 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.02 min
Lab File: BF100498.D
Acq: 13 Nov 2017 13:14

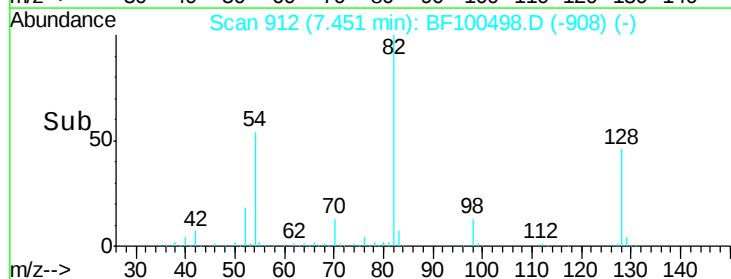
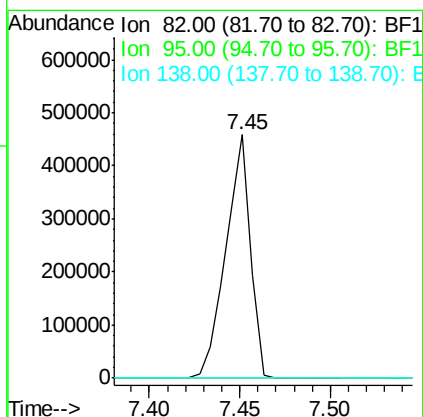
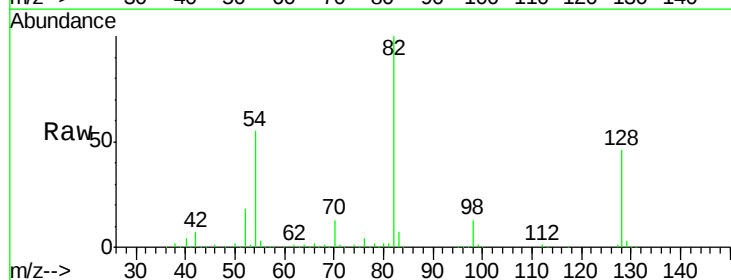
Instrument :
BNA_F
ClientSampleId :
TEC-RCA-SOIL

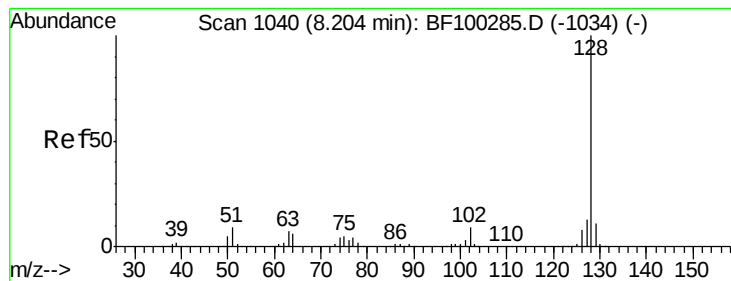
Tgt Ion	Ratio	Lower	Upper
82	100		
128	45.7	36.1	54.1
54	54.8	41.4	62.2



#25
Isophorone
Concen: 32.449 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.28 min
Lab File: BF100498.D
Acq: 13 Nov 2017 13:14

Tgt Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.2	7.8#
138	0.0	14.9	22.3#





#31

Naphthalene

Concen: 3.214 ng

RT: 8.19 min Scan# 1038

Delta R.T. -0.02 min

Lab File: BF100498.D

Acq: 13 Nov 2017 13:14

Instrument :

BNA_F

ClientSampleId :

TEC-RCA-SOIL

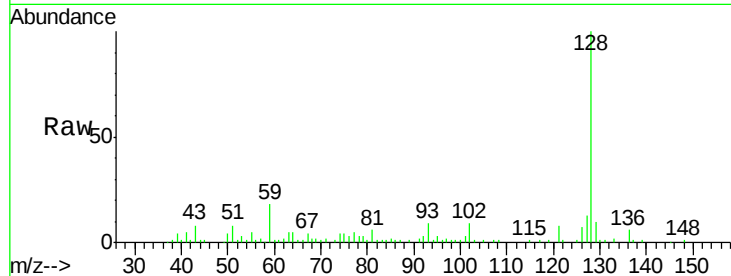
Tgt Ion:128 Resp: 64937

Ion Ratio Lower Upper

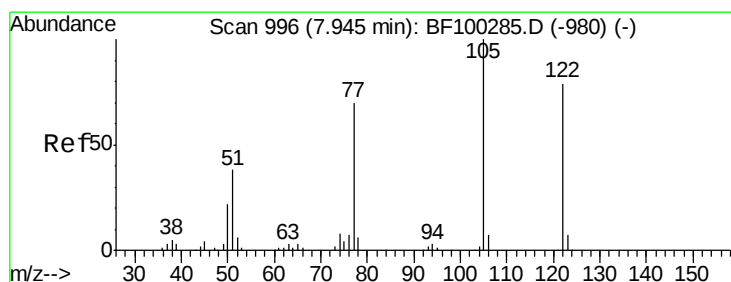
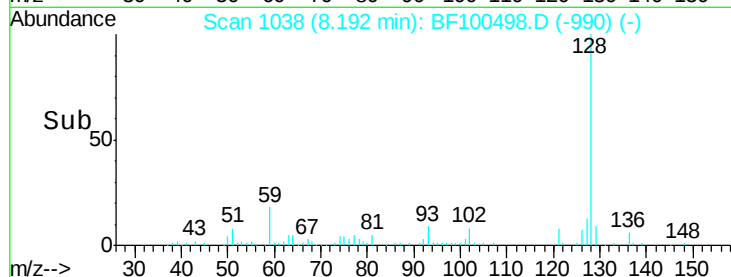
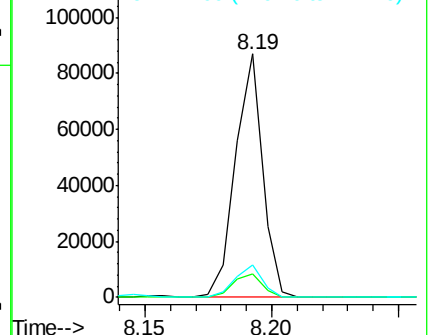
128 100

129 9.9 8.8 13.2

127 13.2 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: 9.459 ng

RT: 7.86 min Scan# 981

Delta R.T. -0.09 min

Lab File: BF100498.D

Acq: 13 Nov 2017 13:14

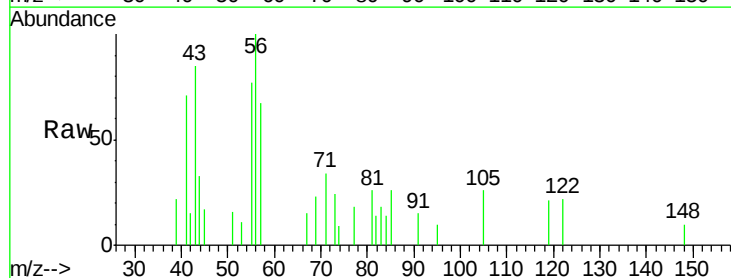
Tgt Ion:122 Resp: 503

Ion Ratio Lower Upper

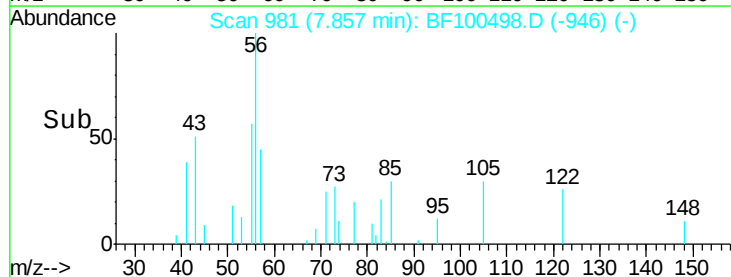
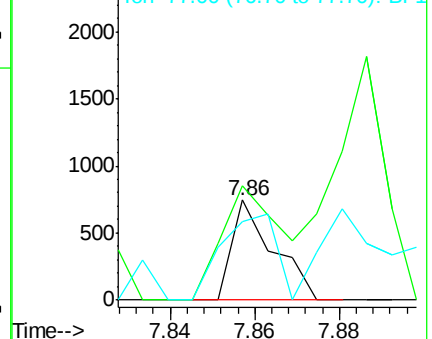
122 100

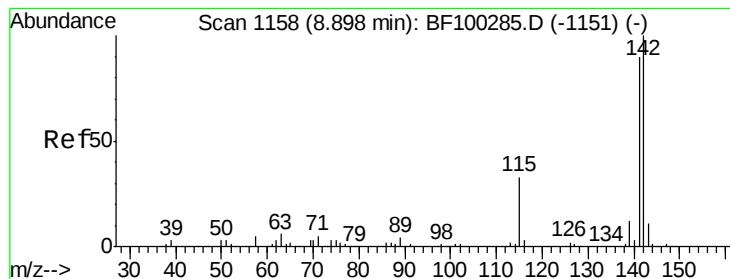
105 114.6 101.1 141.1

77 78.2 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

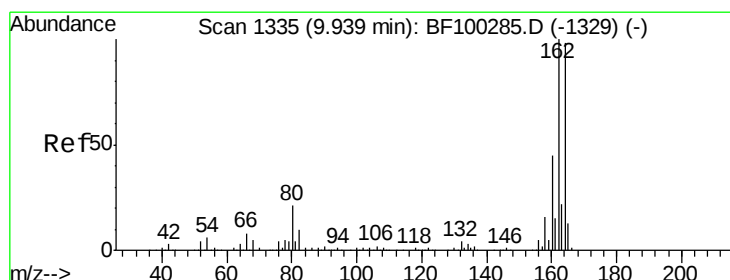
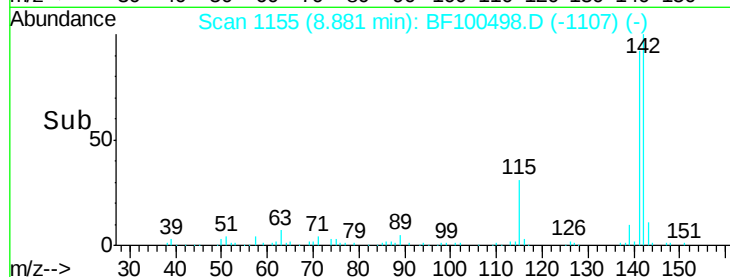
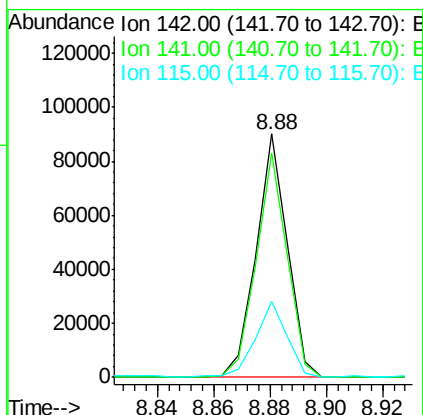
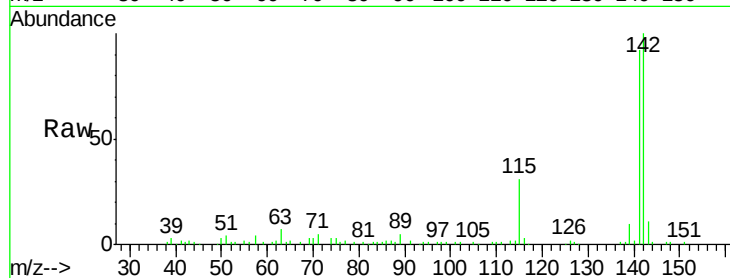




#37
2-Methylnaphthalene
Concen: 5.131 ng
RT: 8.88 min Scan# 1155
Delta R.T. -0.02 min
Lab File: BF100498.D
Acq: 13 Nov 2017 13:14

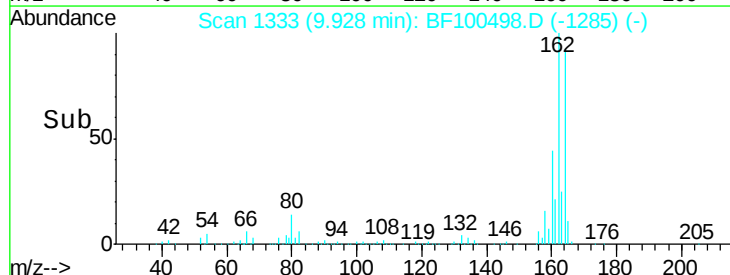
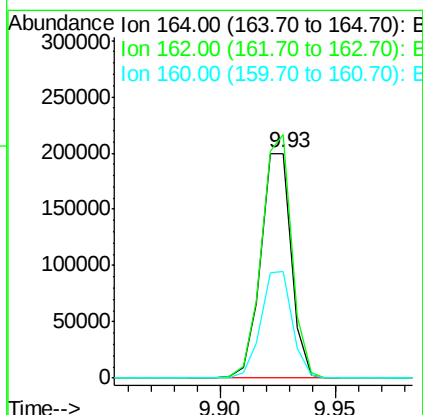
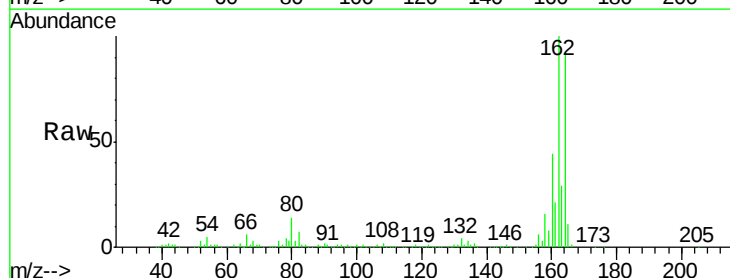
Instrument :
BNA_F
ClientSampleId :
TEC-RCA-SOIL

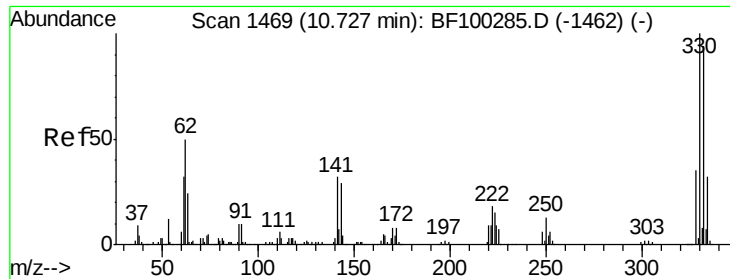
Tgt Ion:142 Resp: 68827
Ion Ratio Lower Upper
142 100
141 92.0 70.8 106.2
115 31.4 26.1 39.1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.02 min
Lab File: BF100498.D
Acq: 13 Nov 2017 13:14

Tgt Ion:164 Resp: 185599
Ion Ratio Lower Upper
164 100
162 108.3 86.1 129.1
160 47.7 38.3 57.5

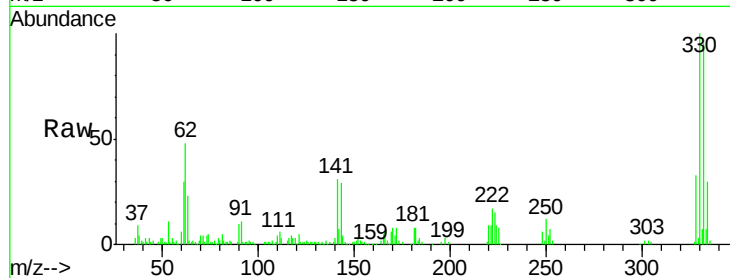




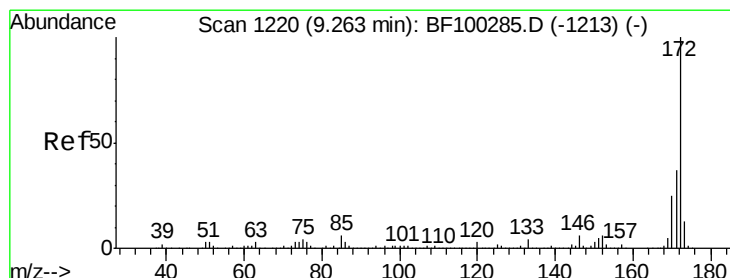
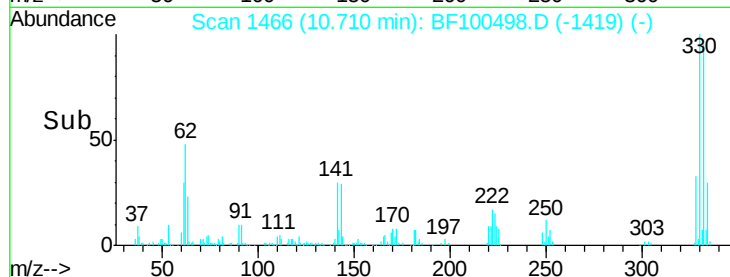
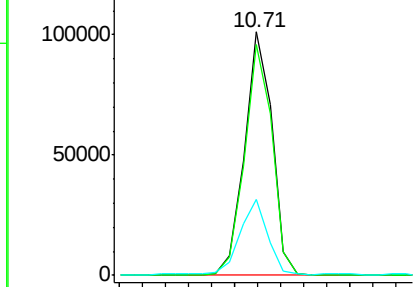
#41
 2,4,6-Tribromophenol
 Concen: 44.684 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. -0.02 min
 Lab File: BF100498.D
 Acq: 13 Nov 2017 13:14

Instrument :
 BNA_F
 ClientSampleId :
 TEC-RCA-SOIL

Tgt Ion:330 Resp: 84509
 Ion Ratio Lower Upper
 330 100
 332 94.7 77.0 115.6
 141 32.9 29.9 44.9

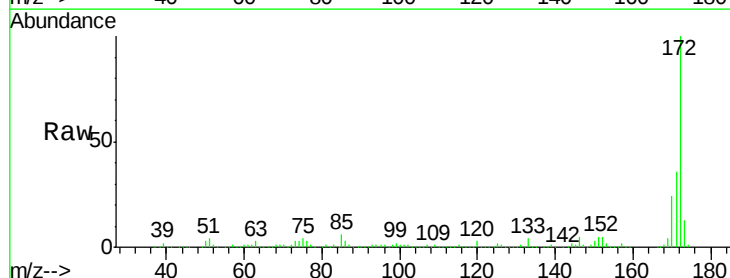


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

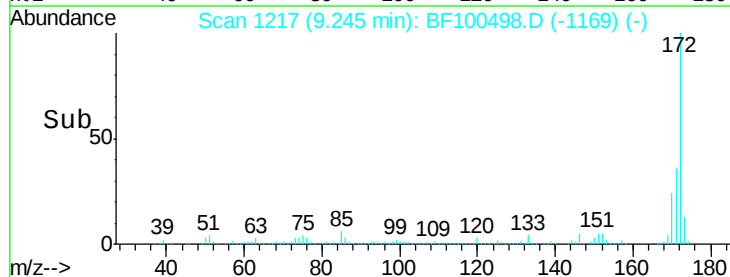
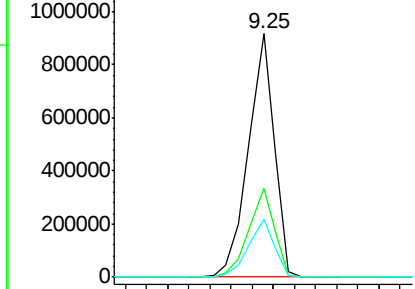


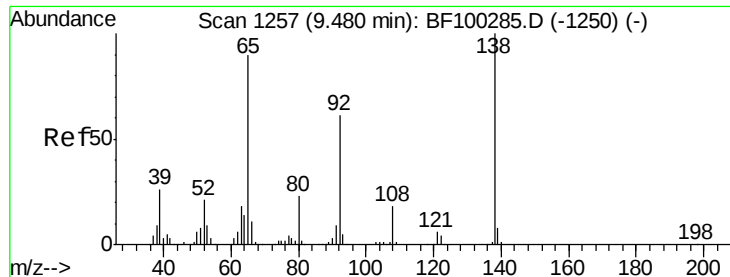
#44
 2-Fluorobiphenyl
 Concen: 64.124 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. -0.02 min
 Lab File: BF100498.D
 Acq: 13 Nov 2017 13:14

Tgt Ion:172 Resp: 781585
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.7 44.5
 170 23.6 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

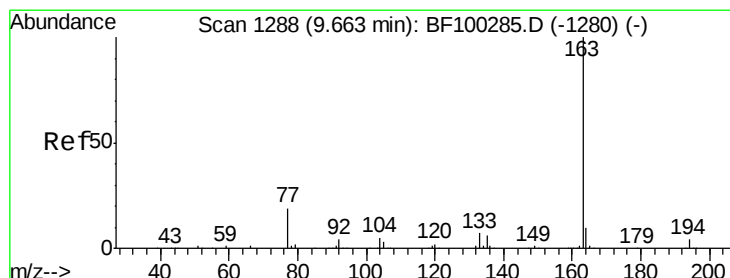
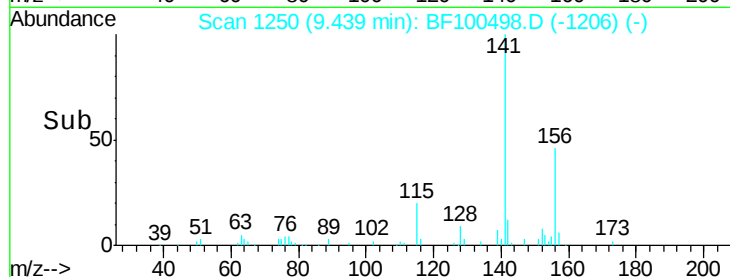
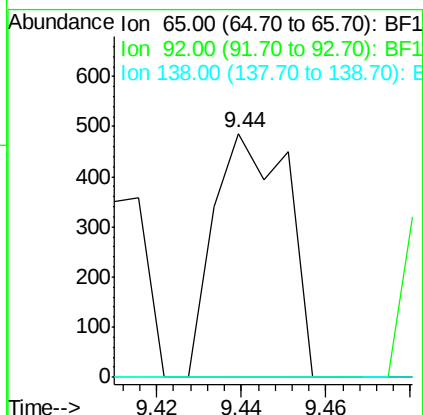
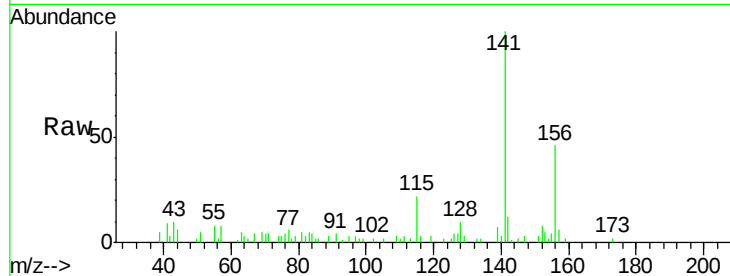




#47
2-Nitroaniline
Concen: 2.945 ng
RT: 9.44 min Scan# 1250
Delta R.T. -0.04 min
Lab File: BF100498.D
Acq: 13 Nov 2017 13:14

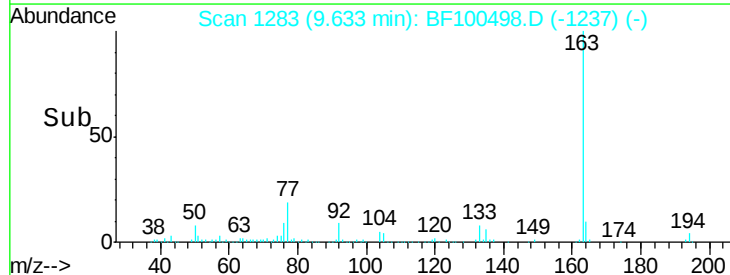
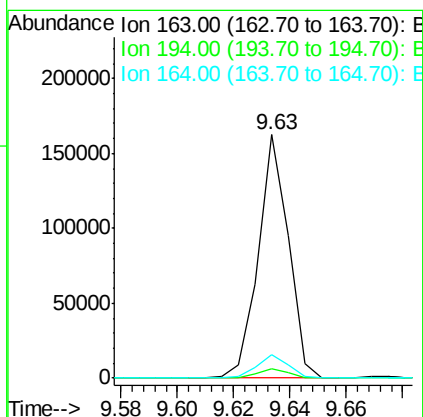
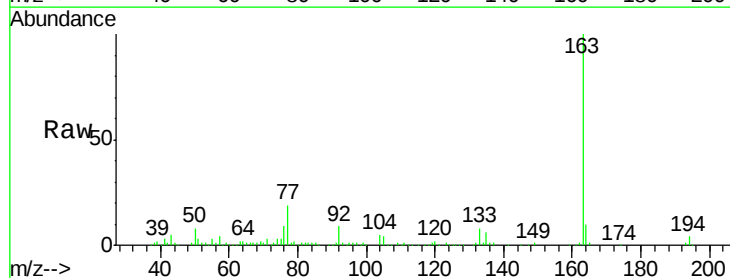
Instrument :
BNA_F
ClientSampleId :
TEC-RCA-SOIL

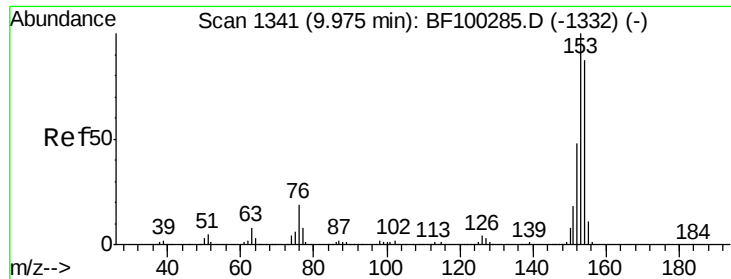
Tgt Ion: 65 Resp: 589
Ion Ratio Lower Upper
65 100
92 0.0 55.8 83.6#
138 0.0 91.2 136.8#



#49
Dimethylphthalate
Concen: 8.519 ng
RT: 9.63 min Scan# 1283
Delta R.T. -0.03 min
Lab File: BF100498.D
Acq: 13 Nov 2017 13:14

Tgt Ion: 163 Resp: 120726
Ion Ratio Lower Upper
163 100
194 3.9 2.7 4.1
164 9.7 8.2 12.2





#51

Acenaphthene

Concen: 2.677 ng

RT: 9.96 min Scan# 1338

Delta R.T. -0.02 min

Lab File: BF100498.D

Acq: 13 Nov 2017 13:14

Instrument :

BNA_F

ClientSampleId :

TEC-RCA-SOIL

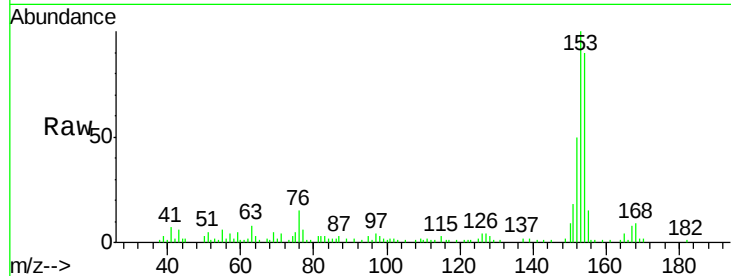
Tgt Ion:154 Resp: 31419

Ion Ratio Lower Upper

154 100

153 110.6 91.2 136.8

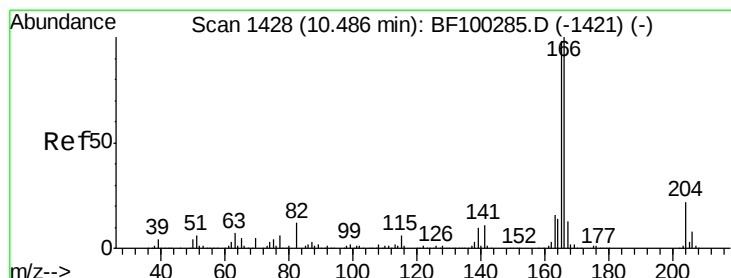
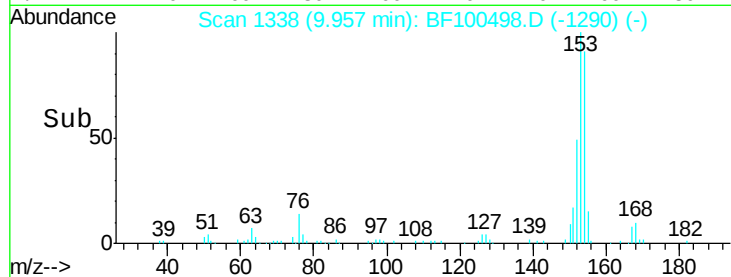
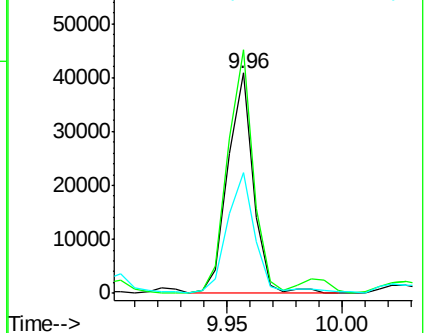
152 55.0 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#57

Fluorene

Concen: 3.052 ng

RT: 10.47 min Scan# 1425

Delta R.T. -0.02 min

Lab File: BF100498.D

Acq: 13 Nov 2017 13:14

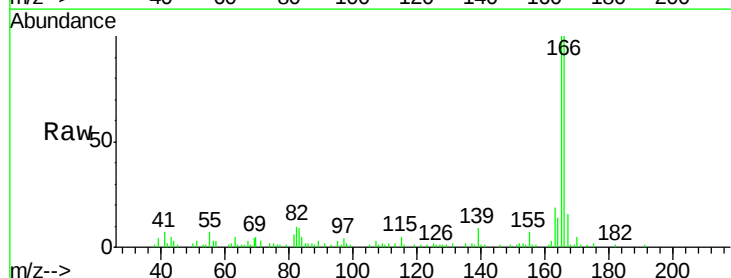
Tgt Ion:166 Resp: 36776

Ion Ratio Lower Upper

166 100

165 99.7 79.8 119.8

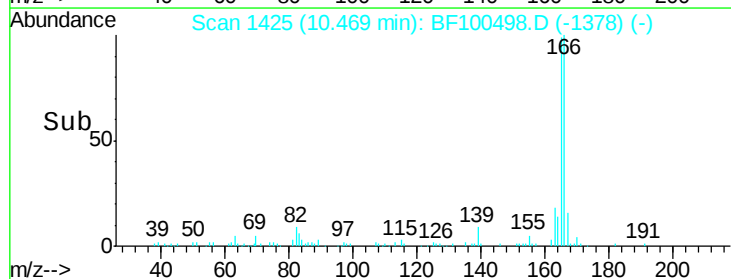
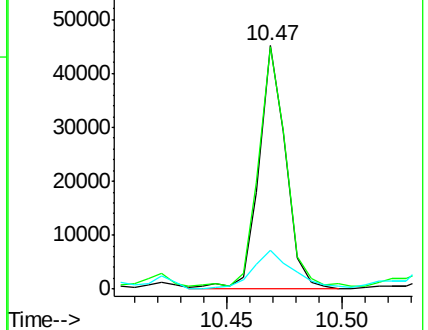
167 15.8 10.6 16.0

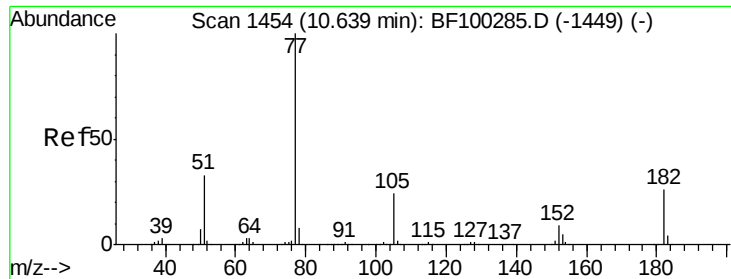


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#62

Azobenzene

Concen: 6.740 ng

RT: 10.63 min Scan# 1453

Delta R.T. -0.01 min

Lab File: BF100498.D

Acq: 13 Nov 2017 13:14

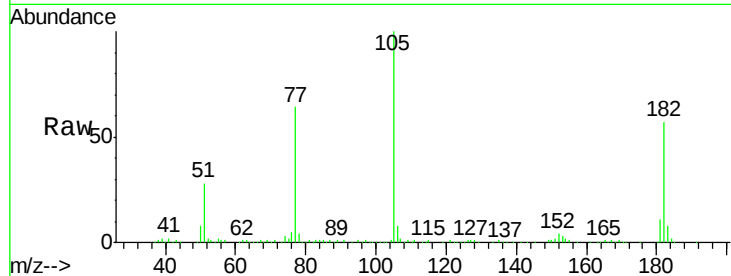
Instrument :

BNA_F

ClientSampleId :

TEC-RCA-SOIL

Tgt Ion:	77	Resp:	90025
Ion	Ratio	Lower	Upper
77	100		
182	88.5	1.7	41.7#
105	156.1	3.0	43.0#
51	43.2	9.9	49.9

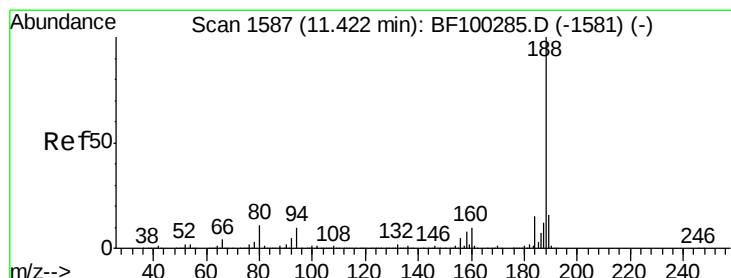
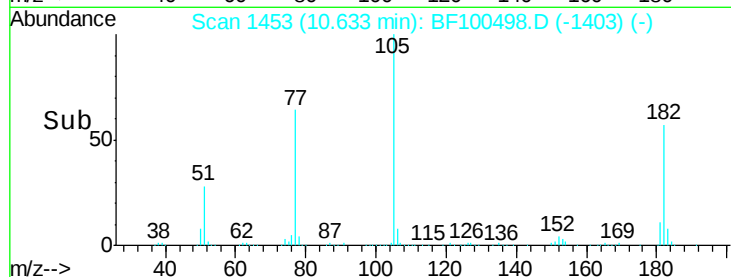
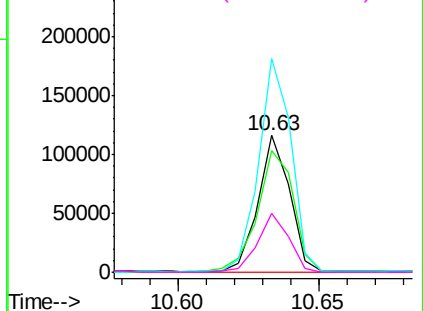


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#63

Phenanthrene-d10

Concen: 20.000 ng

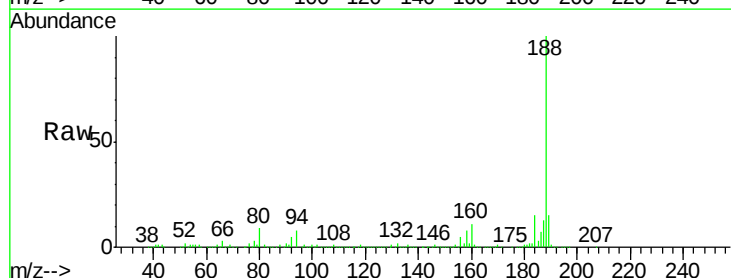
RT: 11.41 min Scan# 1585

Delta R.T. -0.02 min

Lab File: BF100498.D

Acq: 13 Nov 2017 13:14

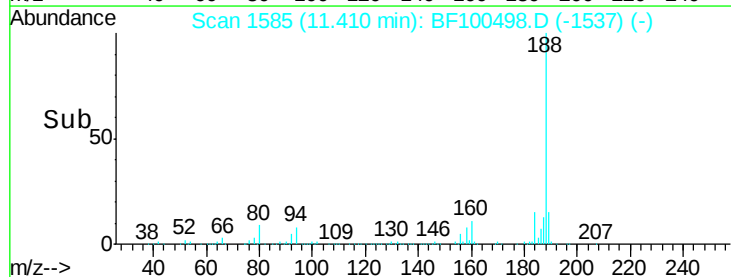
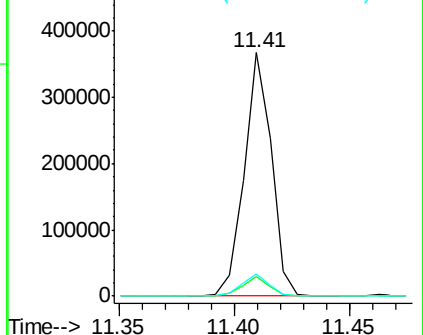
Tgt Ion:	188	Resp:	301061
Ion	Ratio	Lower	Upper
188	100		
94	8.3	8.5	12.7#
80	9.2	9.2	13.8#

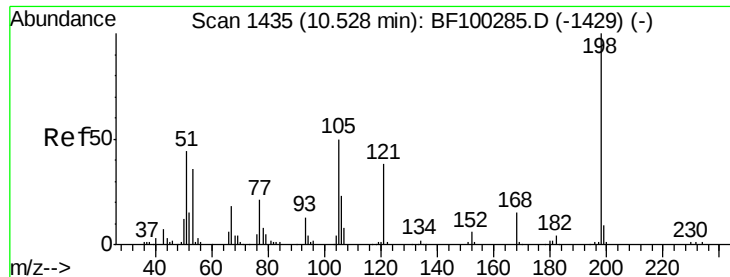


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

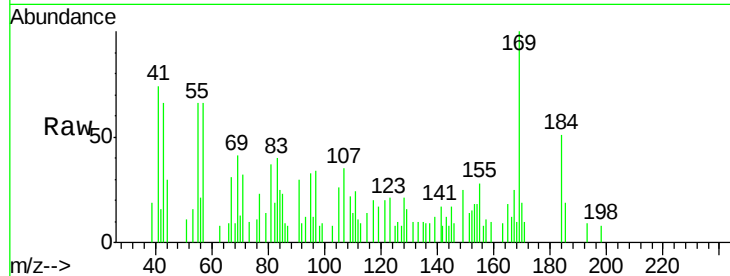




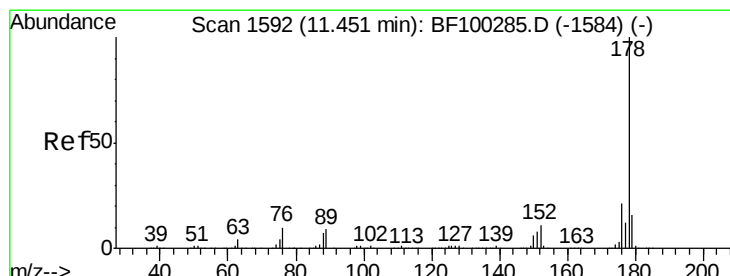
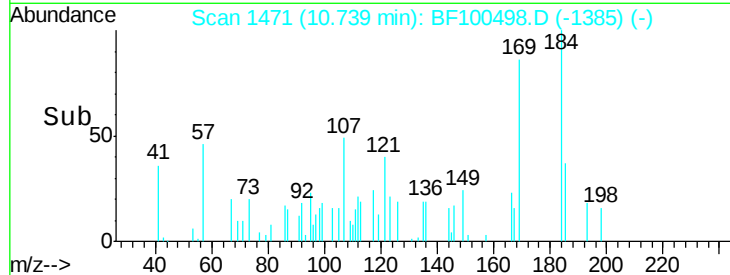
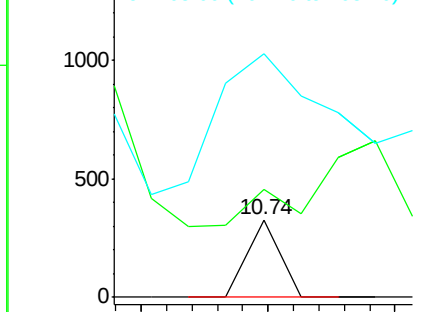
#64
 4,6-Dinitro-2-methylphenol
 Concen: 8.633 ng
 RT: 10.74 min Scan# 1471
 Delta R.T. 0.21 min
 Lab File: BF100498.D
 Acq: 13 Nov 2017 13:14

Instrument :
 BNA_F
 ClientSampleId :
 TEC-RCA-SOIL

Tgt Ion:198 Resp: 116
 Ion Ratio Lower Upper
 198 100
 51 138.7 37.7 77.7#
 105 313.4 36.3 76.3#

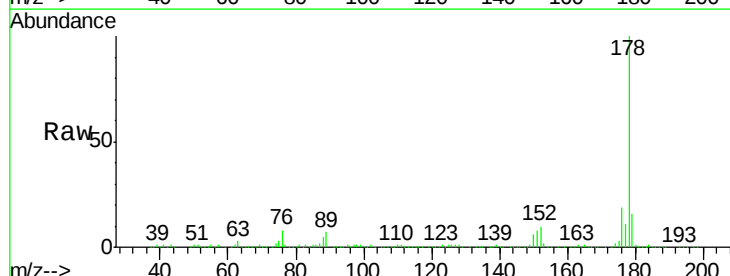


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

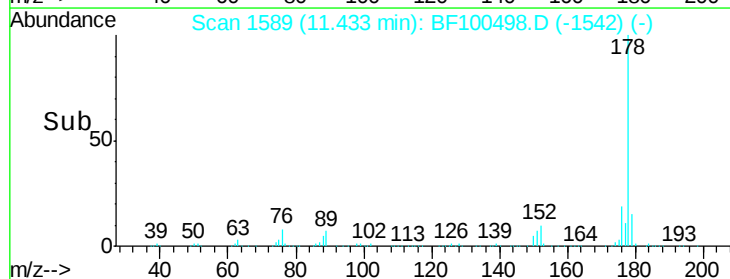
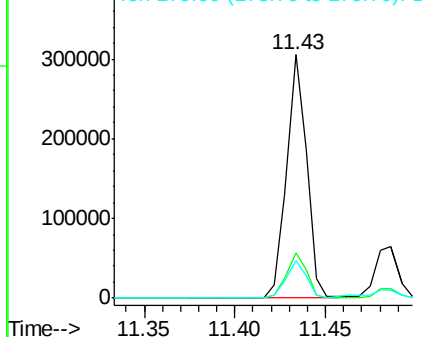


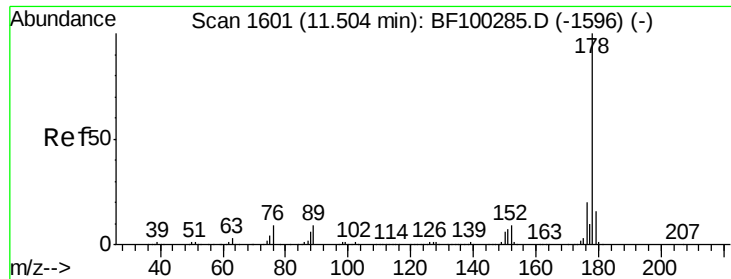
#70
 Phenanthrene
 Concen: 14.893 ng
 RT: 11.43 min Scan# 1589
 Delta R.T. -0.02 min
 Lab File: BF100498.D
 Acq: 13 Nov 2017 13:14

Tgt Ion:178 Resp: 236069
 Ion Ratio Lower Upper
 178 100
 176 18.6 15.8 23.8
 179 15.5 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

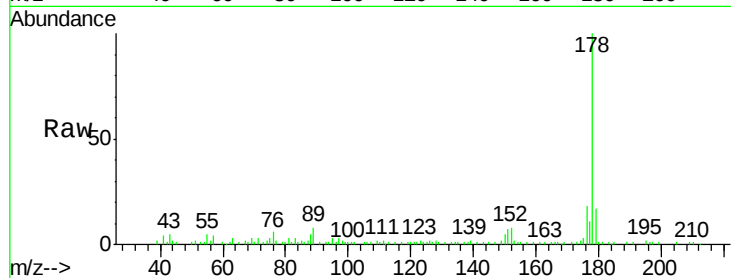




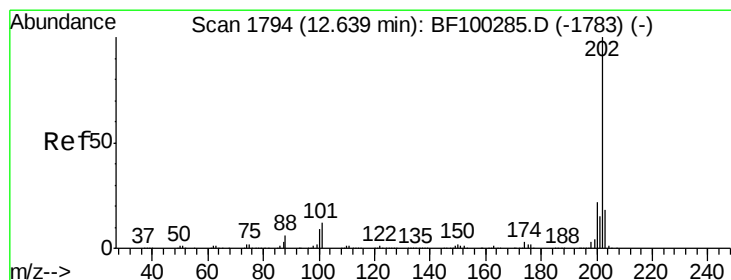
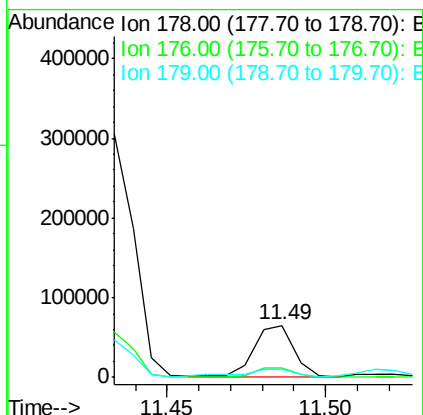
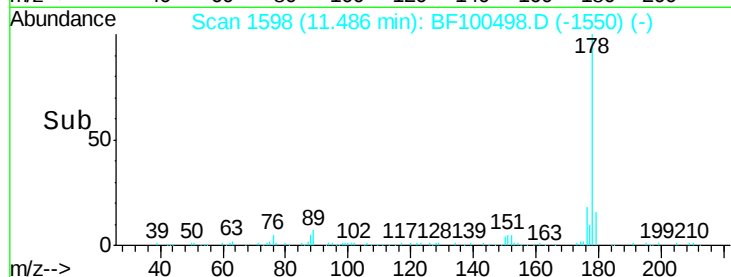
#71
 Anthracene
 Concen: 3.474 ng
 RT: 11.49 min Scan# 1598
 Delta R.T. -0.02 min
 Lab File: BF100498.D
 Acq: 13 Nov 2017 13:14

Instrument :
 BNA_F
 ClientSampleId :
 TEC-RCA-SOIL

Tgt Ion:178 Resp: 55863
 Ion Ratio Lower Upper
 178 100
 176 18.0 15.4 23.2
 179 16.5 12.6 19.0

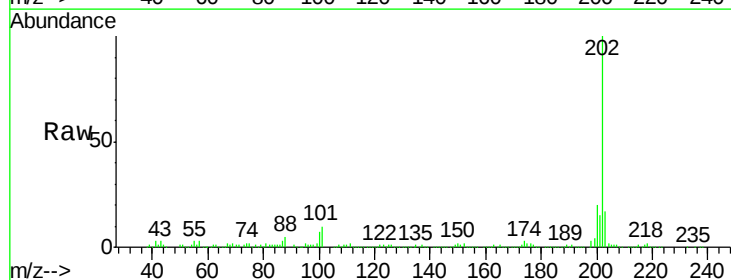


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

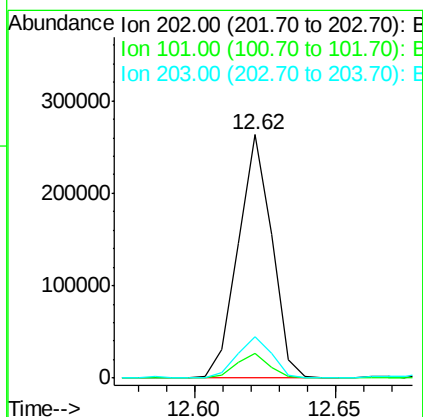
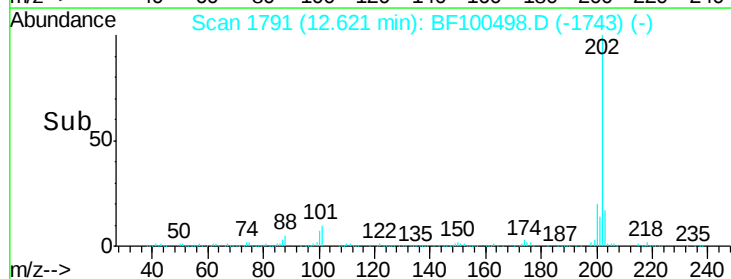


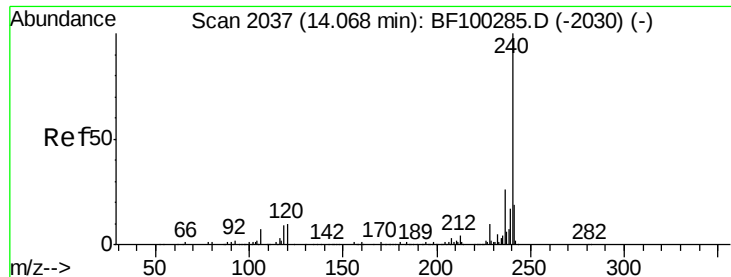
#74
 Fluoranthene
 Concen: 12.977 ng
 RT: 12.62 min Scan# 1791
 Delta R.T. -0.02 min
 Lab File: BF100498.D
 Acq: 13 Nov 2017 13:14

Tgt Ion:202 Resp: 218005
 Ion Ratio Lower Upper
 202 100
 101 10.4 0.0 34.1
 203 17.2 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: 14.05 min Scan# 2034

Delta R.T. -0.02 min

Lab File: BF100498.D

Acq: 13 Nov 2017 13:14

Instrument :

BNA_F

ClientSampleId :

TEC-RCA-SOIL

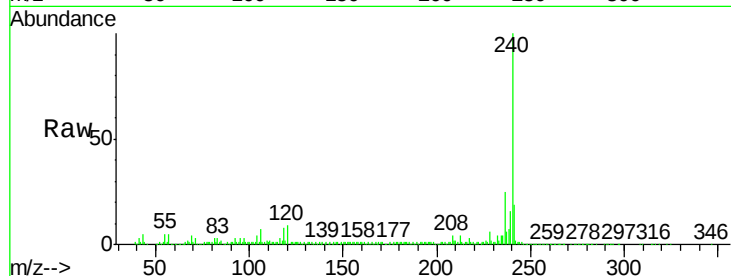
Tgt Ion:240 Resp: 230065

Ion Ratio Lower Upper

240 100

120 8.8 9.5 14.3#

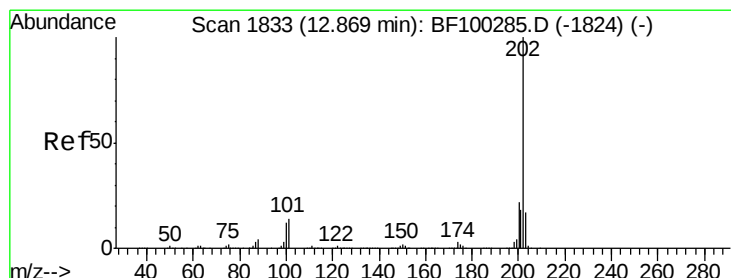
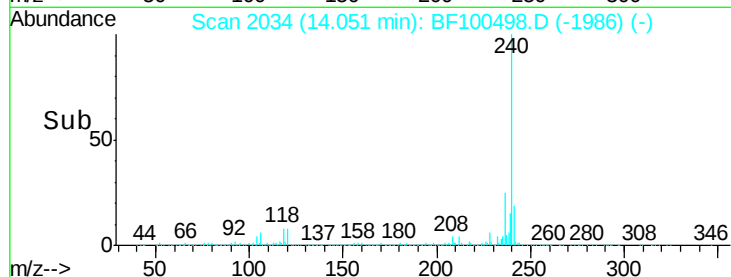
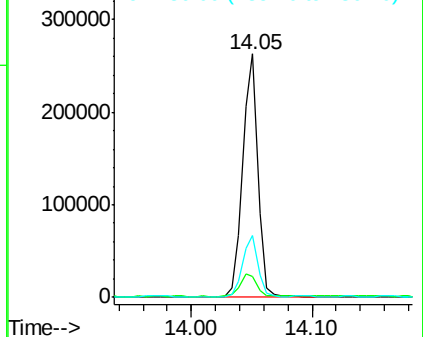
236 25.3 20.7 31.1



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



#77

Pyrene

Concen: 12.030 ng

RT: 12.85 min Scan# 1830

Delta R.T. -0.02 min

Lab File: BF100498.D

Acq: 13 Nov 2017 13:14

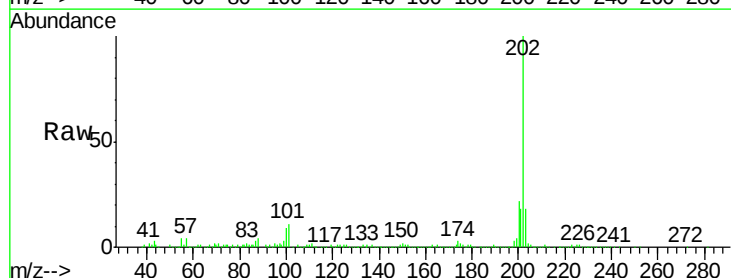
Tgt Ion:202 Resp: 197291

Ion Ratio Lower Upper

202 100

200 21.5 17.4 26.2

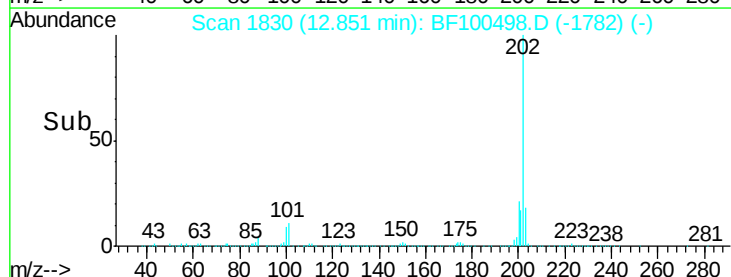
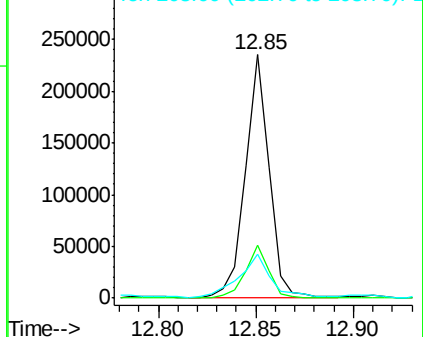
203 18.3 14.3 21.5

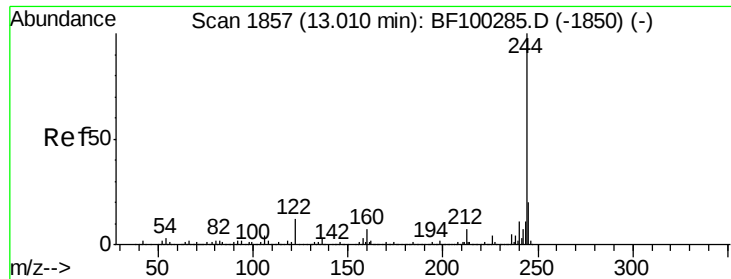


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 55.333 ng

RT: 12.99 min Scan# 1854

Delta R.T. -0.02 min

Lab File: BF100498.D

Acq: 13 Nov 2017 13:14

Instrument :

BNA_F

ClientSampleId :

TEC-RCA-SOIL

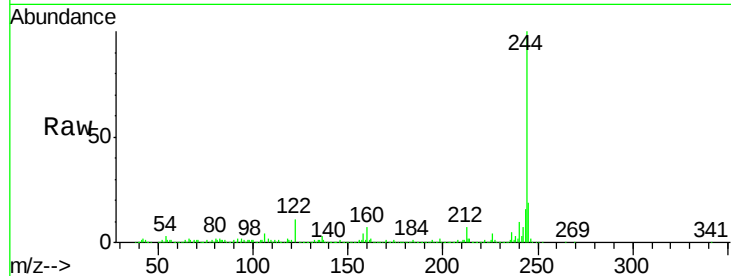
Tgt Ion:244 Resp: 554037

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

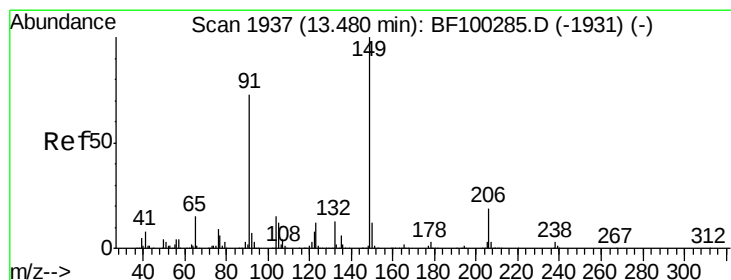
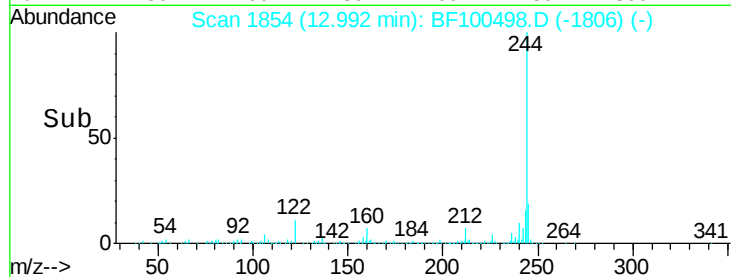
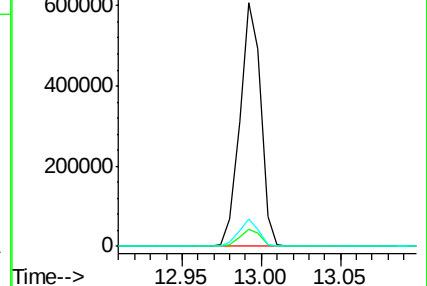
122 11.2 11.0 16.4



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



#79

Butylbenzylphthalate

Concen: 4.853 ng

RT: 13.47 min Scan# 1935

Delta R.T. -0.02 min

Lab File: BF100498.D

Acq: 13 Nov 2017 13:14

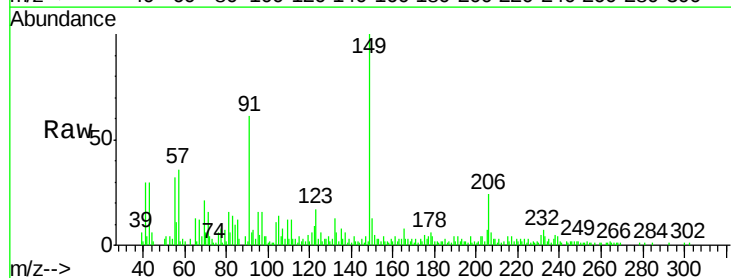
Tgt Ion:149 Resp: 32458

Ion Ratio Lower Upper

149 100

91 60.6 56.8 85.2

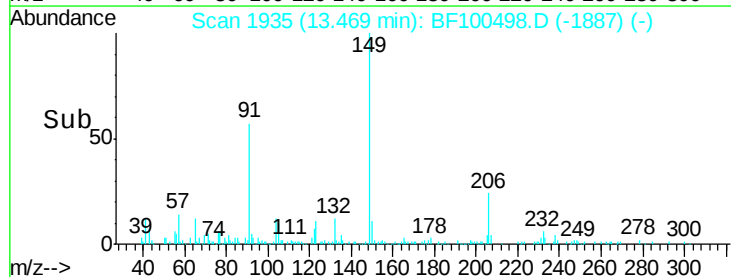
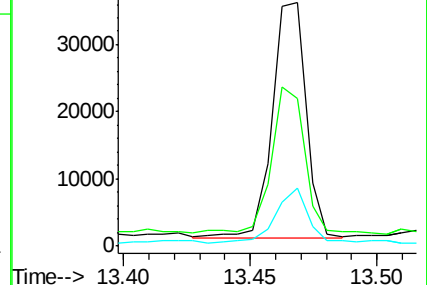
206 23.9 14.1 21.1#

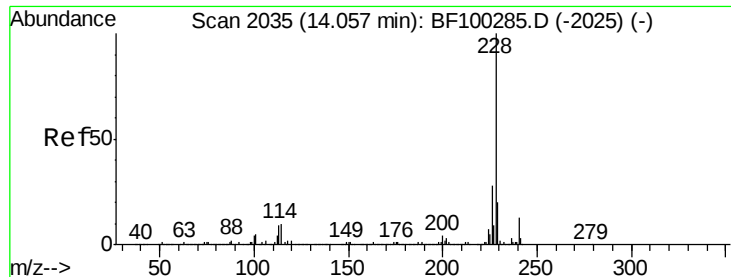


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 6.912 ng

RT: 14.07 min Scan# 2038

Delta R.T. 0.02 min

Lab File: BF100498.D

Acq: 13 Nov 2017 13:14

Instrument :

BNA_F

ClientSampleId :

TEC-RCA-SOIL

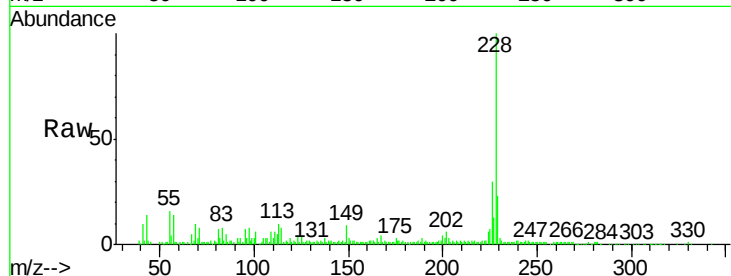
Tgt Ion:228 Resp: 95757

Ion Ratio Lower Upper

228 100

226 30.5 22.6 33.8

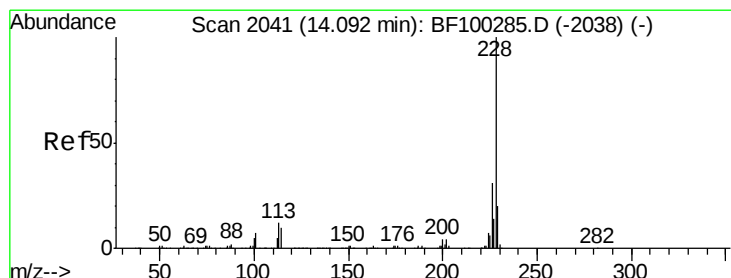
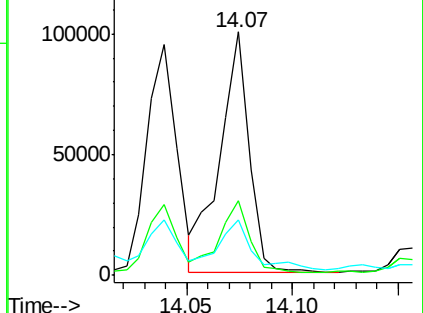
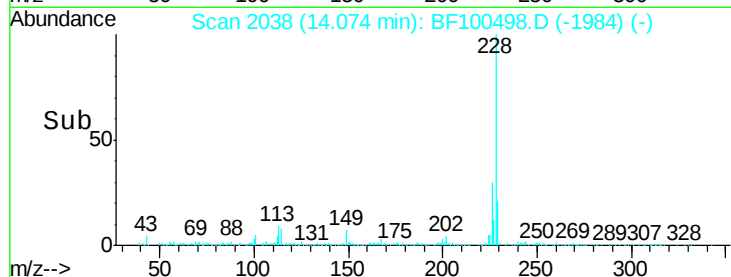
229 22.7 15.8 23.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

Chrysene

Concen: 7.137 ng

RT: 14.07 min Scan# 2038

Delta R.T. -0.02 min

Lab File: BF100498.D

Acq: 13 Nov 2017 13:14

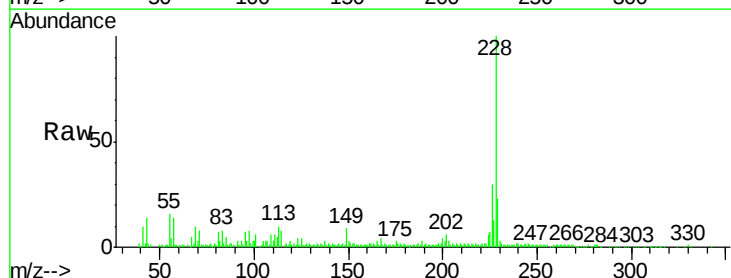
Tgt Ion:228 Resp: 95757

Ion Ratio Lower Upper

228 100

226 30.5 25.0 37.6

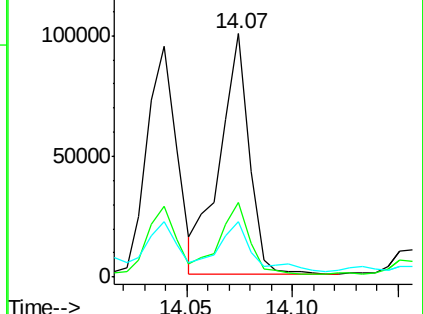
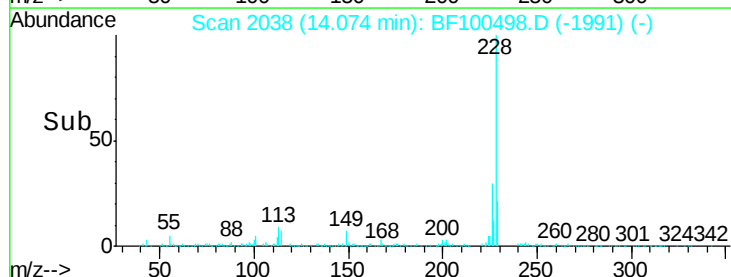
229 22.7 16.2 24.4

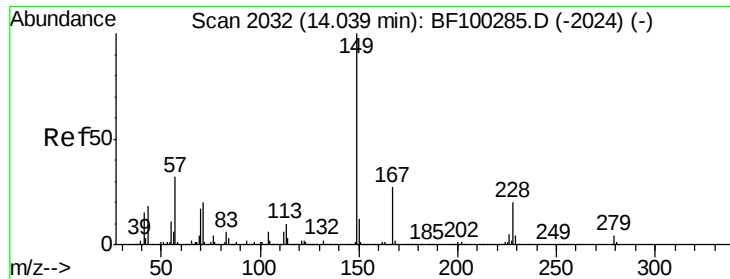


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

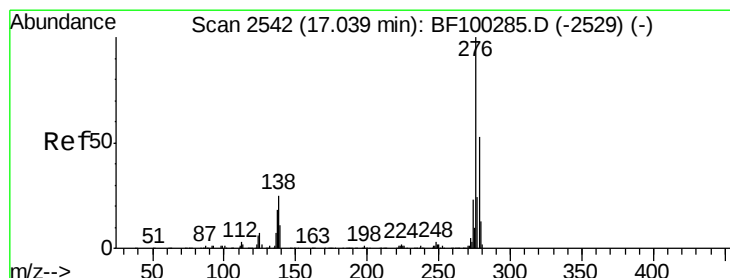
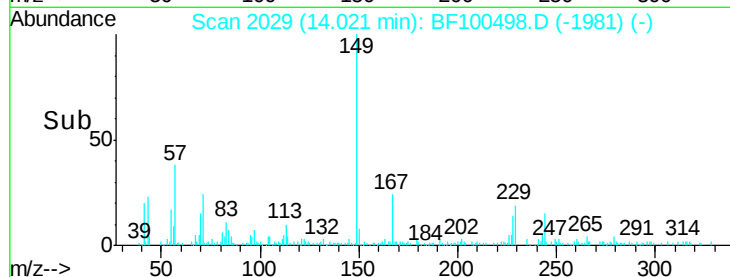
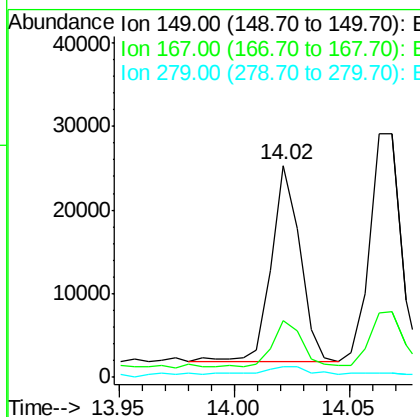
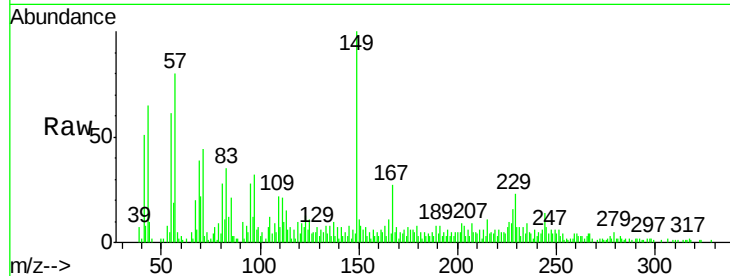




#83
Bis(2-ethylhexyl)phthalate
Concen: 2.312 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.02 min
Lab File: BF100498.D
Acq: 13 Nov 2017 13:14

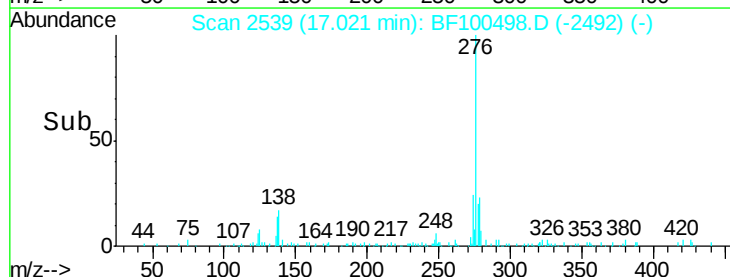
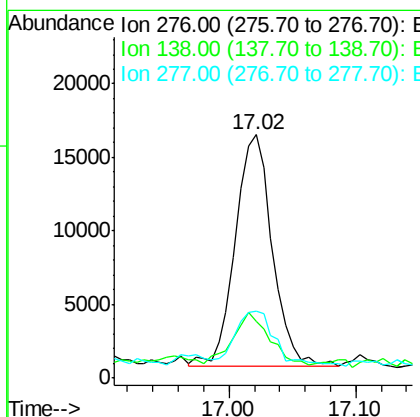
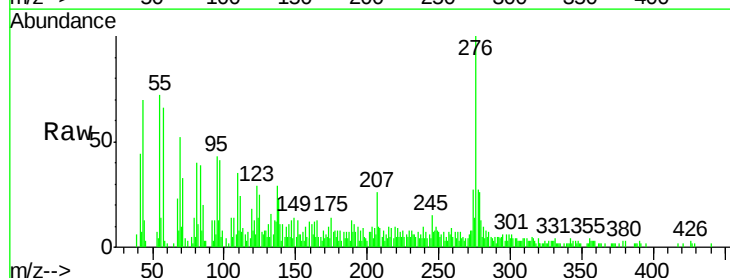
Instrument :
BNA_F
ClientSampleId :
TEC-RCA-SOIL

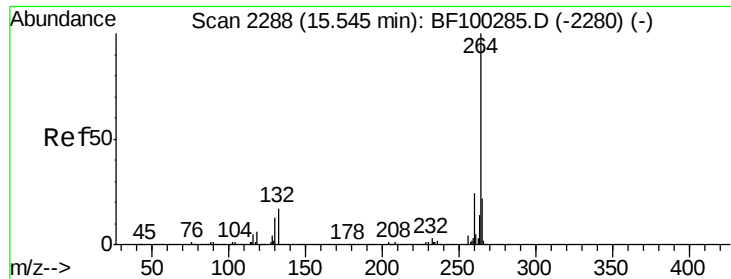
Tgt Ion:149 Resp: 20341
Ion Ratio Lower Upper
149 100
167 26.9 21.3 31.9
279 5.2 3.0 4.4#



#85
Indeno(1,2,3-cd)pyrene
Concen: 2.920 ng
RT: 17.02 min Scan# 2539
Delta R.T. -0.02 min
Lab File: BF100498.D
Acq: 13 Nov 2017 13:14

Tgt Ion:276 Resp: 31682
Ion Ratio Lower Upper
276 100
138 22.3 25.0 37.6#
277 26.7 20.1 30.1

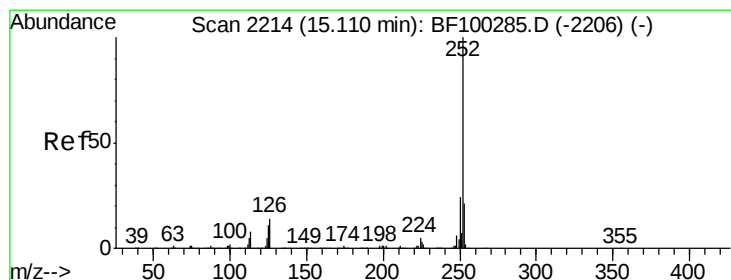
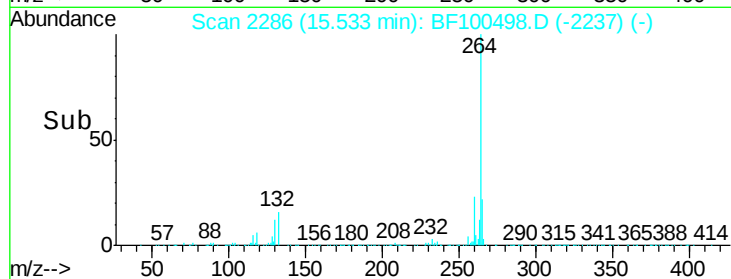
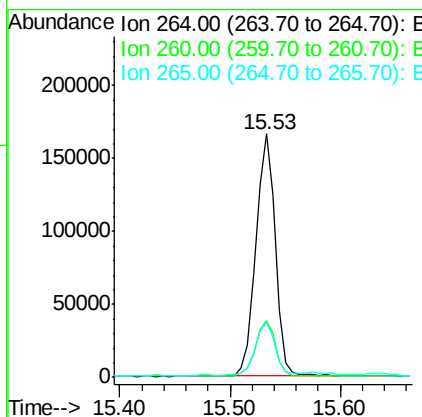
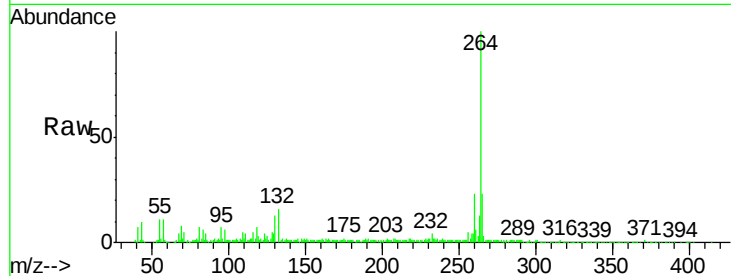




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.53 min Scan# 2286
Delta R.T. -0.01 min
Lab File: BF100498.D
Acq: 13 Nov 2017 13:14

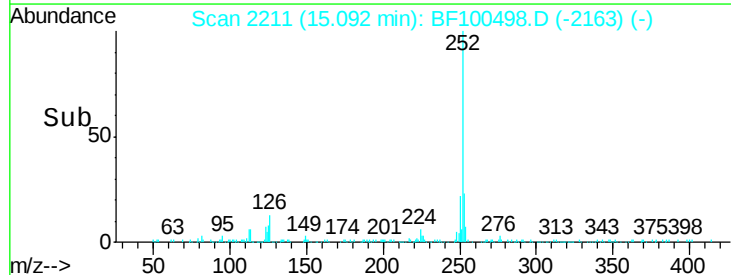
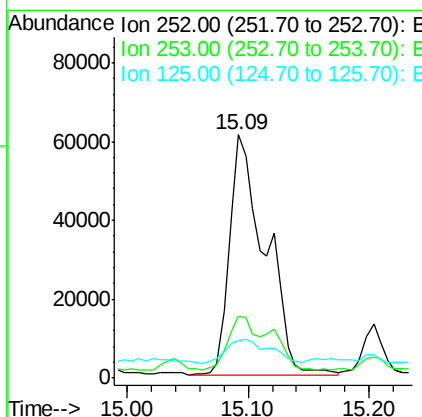
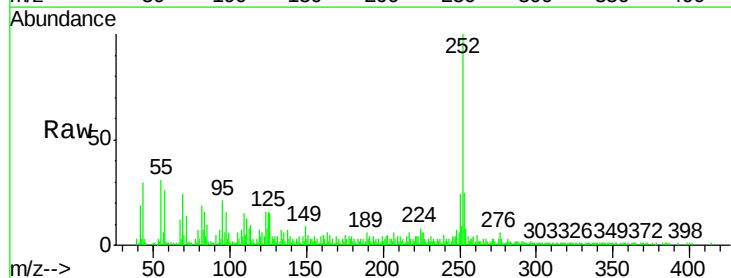
Instrument :
BNA_F
ClientSampleId :
TEC-RCA-SOIL

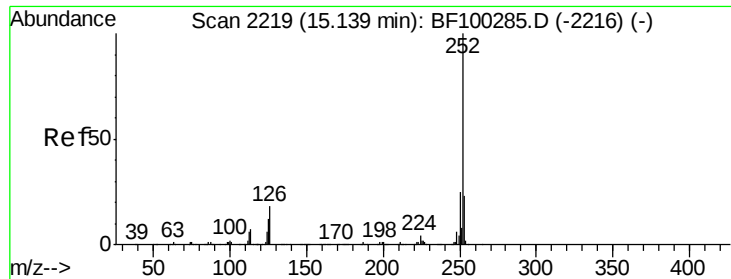
Tgt Ion:264 Resp: 205898
Ion Ratio Lower Upper
264 100
260 23.4 19.2 28.8
265 22.8 17.5 26.3



#87
Benzo(b)fluoranthene
Concen: 10.268 ng
RT: 15.09 min Scan# 2211
Delta R.T. -0.02 min
Lab File: BF100498.D
Acq: 13 Nov 2017 13:14

Tgt Ion:252 Resp: 125251
Ion Ratio Lower Upper
252 100
253 25.4 17.0 25.6
125 15.5 9.0 13.6#

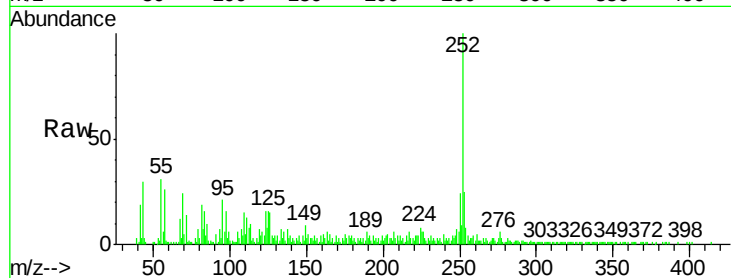




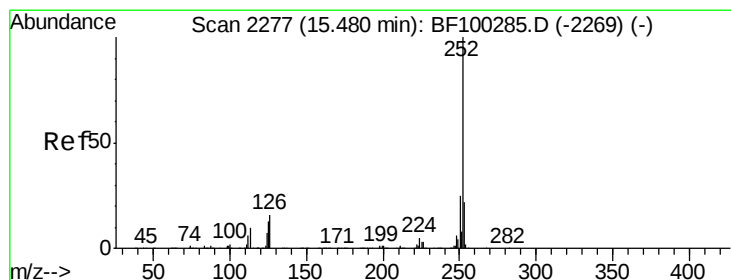
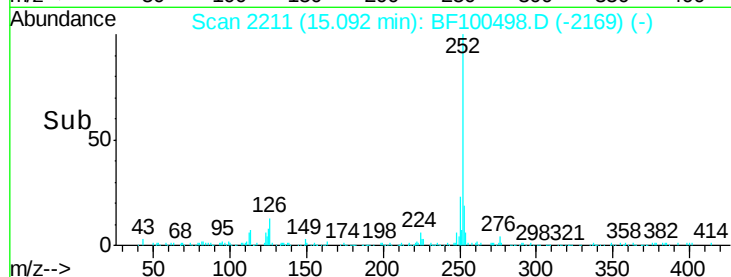
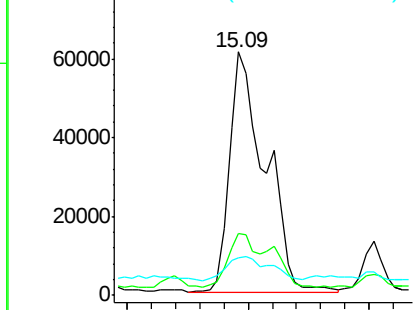
#88
Benzo(k)fluoranthene
Concen: 10.867 ng
RT: 15.09 min Scan# 2211
Delta R.T. -0.05 min
Lab File: BF100498.D
Acq: 13 Nov 2017 13:14

Instrument :
BNA_F
ClientSampleId :
TEC-RCA-SOIL

Tgt Ion:252 Resp: 125251
Ion Ratio Lower Upper
252 100
253 25.4 17.9 26.9
125 15.5 10.2 15.2#

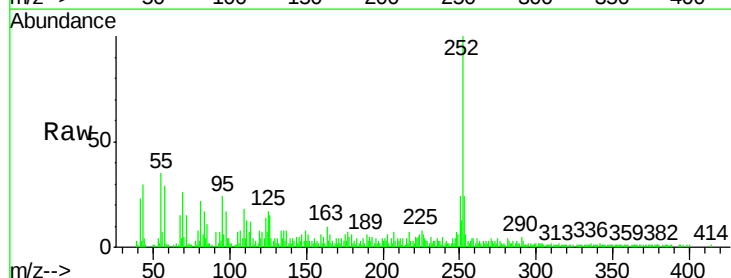


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

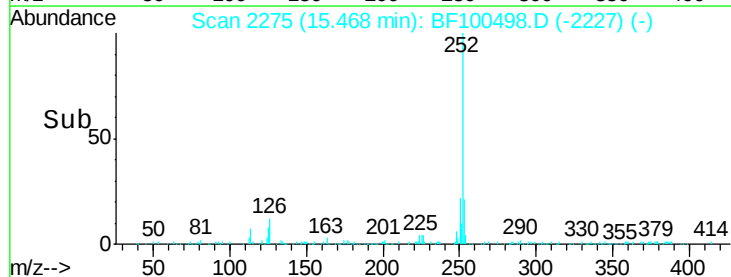
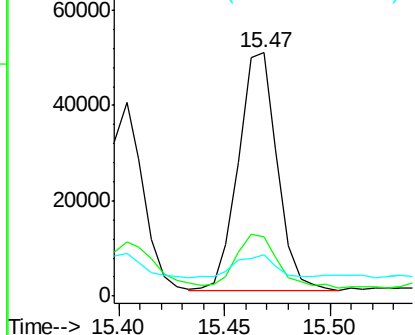


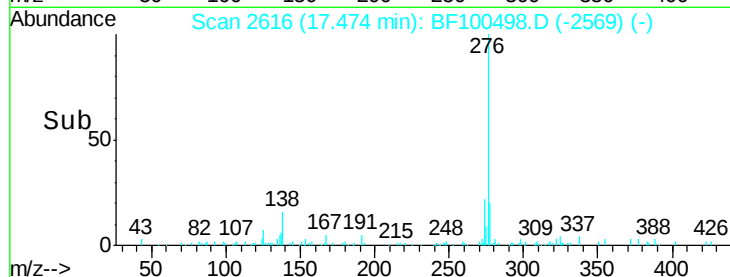
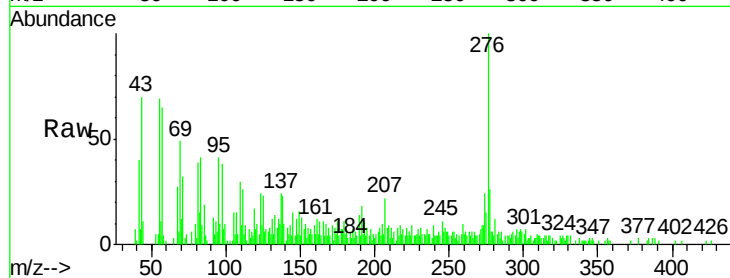
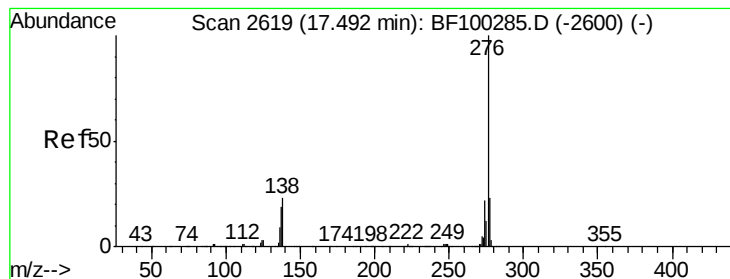
#89
Benzo(a)pyrene
Concen: 5.907 ng
RT: 15.47 min Scan# 2275
Delta R.T. -0.02 min
Lab File: BF100498.D
Acq: 13 Nov 2017 13:14

Tgt Ion:252 Resp: 63885
Ion Ratio Lower Upper
252 100
253 24.3 17.1 25.7
125 16.8 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





#91

Benzo(g,h,i)perylene

Concen: 3.663 ng

RT: 17.47 min Scan# 2616

Delta R.T. -0.02 min

Lab File: BF100498.D

Acq: 13 Nov 2017 13:14

Instrument :

BNA_F

ClientSampleId :

TEC-RCA-SOIL

Tgt Ion:276 Resp: 31710

Ion Ratio Lower Upper

276 100

277 26.3 17.9 26.9

138 22.6 21.8 32.8

