

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072418\
 Data File : BF107630.D
 Acq On : 24 Jul 2018 20:19
 Operator : JU/SJ
 Sample : J4098-03
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GL-TOPSOIL-03

Quant Time: Jul 25 01:04:13 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	237185	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	878862	20.00	ng	-0.01
38) Acenaphthene-d10	10.01	164	339986	20.00	ng	-0.01
63) Phenanthrene-d10	11.51	188	607883	20.00	ng	0.00
75) Chrysene-d12	14.15	240	451719	20.00	ng	-0.01
86) Perylene-d12	15.69	264	358934	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	1273113	86.30	ng	0.00
7) Phenol-d6	6.61	99	1555456	87.81	ng	0.00
23) Nitrobenzene-d5	7.53	82	922029	70.80	ng	-0.02
41) 2,4,6-Tribromophenol	10.81	330	330571	85.50	ng	-0.01
44) 2-Fluorobiphenyl	9.32	172	1400326	66.29	ng	-0.01
78) Terphenyl-d14	13.09	244	1148999	65.12	ng	-0.01

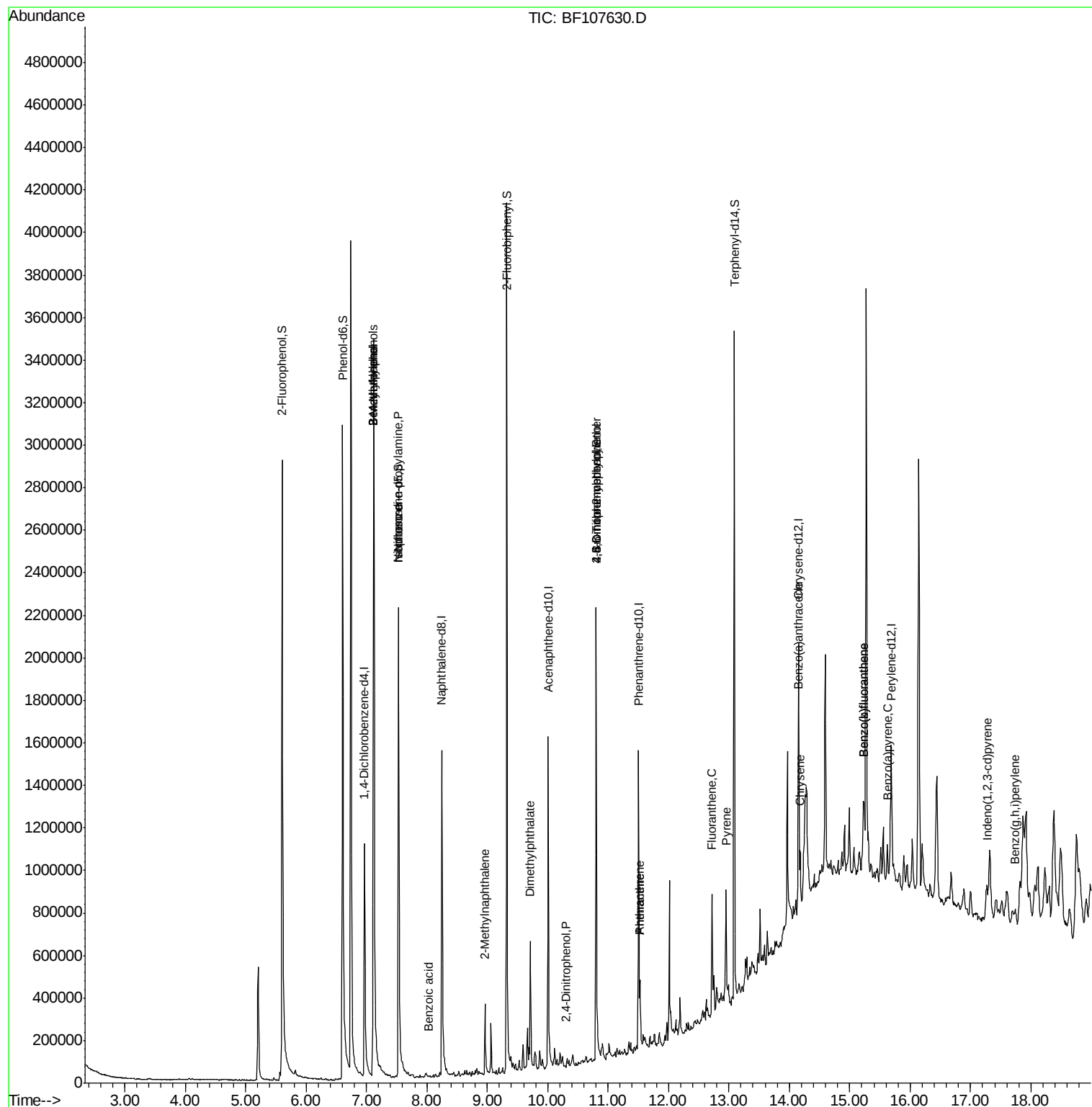
Target Compounds				Qvalue		
9) Benzaldehyde	6.53	77	922	Below Cal	#	43
15) Benzyl Alcohol	7.11	79	292738	24.249 ng		99
17) 2-Methylphenol	7.11	107	151047	11.244 ng	#	23
19) n-Nitroso-di-n-propylamine	7.53	70	121350	10.605 ng	#	79
20) 3+4-Methylphenols	7.11	107	150914	9.461 ng	#	1
25) Isophorone	7.53	82	921829	33.153 ng	#	64
32) Benzoic acid	8.03	122	124	7.912 ng	#	71
37) 2-Methylnaphthalene	8.97	142	120066	4.483 ng		97
49) Dimethylphthalate	9.71	163	240123	9.371 ng		99
53) 2,4-Dinitrophenol	10.30	184	162	8.373 ng	#	1
64) 4,6-Dinitro-2-methylphenol	10.80	198	740	8.887 ng	#	1
66) 4-Bromophenyl-phenylether	10.80	248	20305	2.838 ng	#	1
70) Phenanthrene	11.52	178	79589	2.687 ng		99
71) Anthracene	11.52	178	79589	2.669 ng		99
73) Di-n-butylphthalate	12.05	149	4755	Below Cal	#	86
74) Fluoranthene	12.72	202	258519	8.133 ng		98
77) Pyrene	12.95	202	238957	7.734 ng		98
80) Benzo(a)anthracene	14.14	228	116535	4.402 ng		96
81) 3,3'-Dichlorobenzidine	14.08	252	1055	Below Cal	#	58
82) Chrysene	14.18	228	129240	5.082 ng		97
85) Indeno(1,2,3-cd)pyrene	17.27	276	60052	2.786 ng	#	90
87) Benzo(b)fluoranthene	15.23	252	193820	9.867 ng	#	84
88) Benzo(k)fluoranthene	15.23	252	193820	10.071 ng	#	87
89) Benzo(a)pyrene	15.62	252	87528	4.871 ng	#	82
91) Benzo(g,h,i)perylene	17.75	276	60397	3.942 ng	#	90

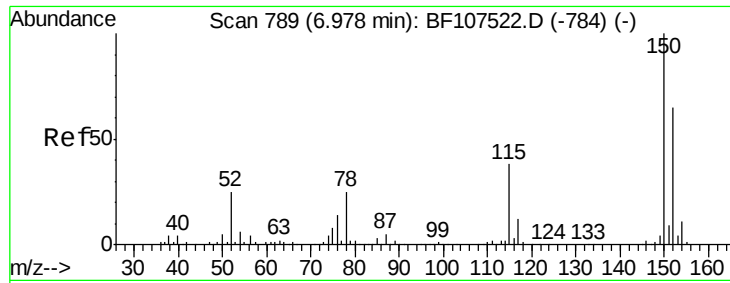
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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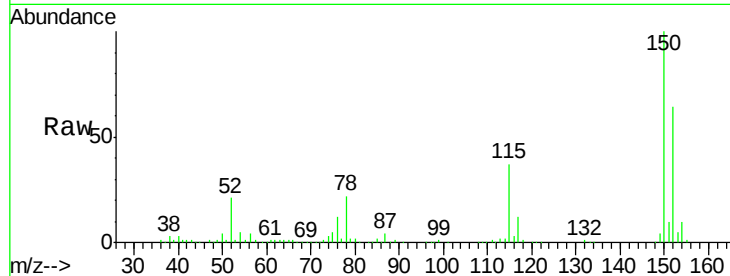


#1

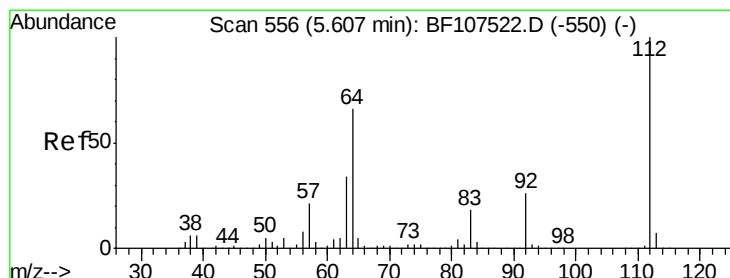
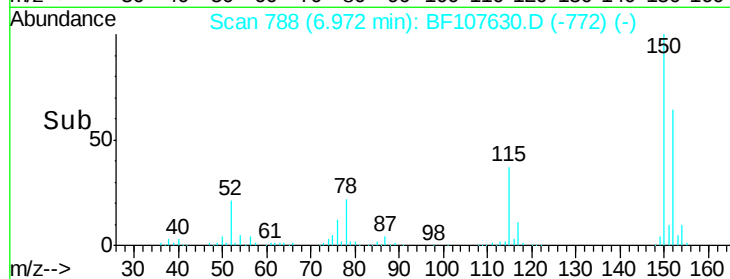
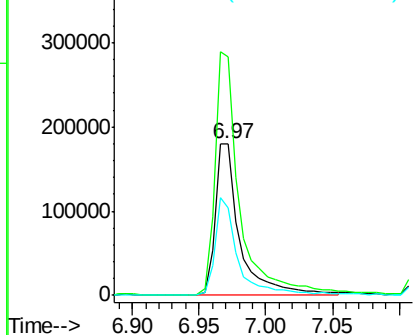
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF107630.D
Acq: 24 Jul 2018 20:19

Instrument :
BNA_F
ClientSampleId :
GL-TOPSOIL-03

Tgt Ion:152 Resp: 237185
Ion Ratio Lower Upper
152 100
150 156.8 124.6 186.8
115 57.6 50.1 75.1



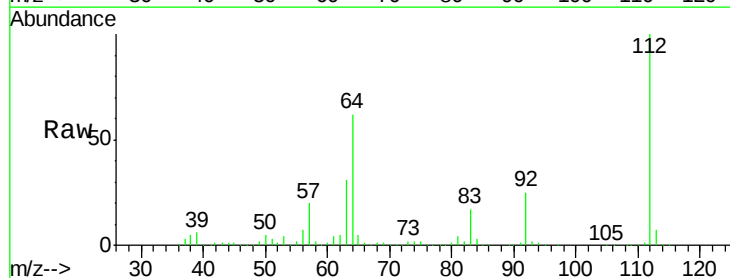
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



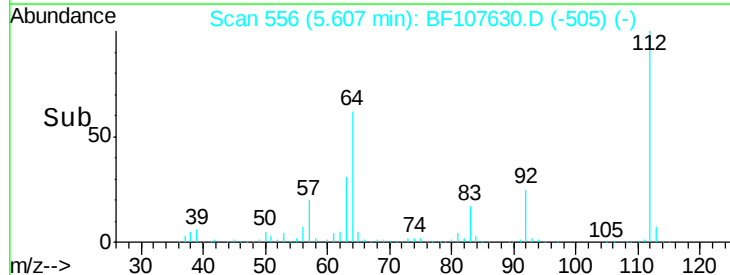
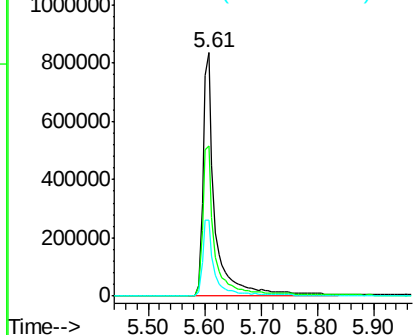
#5

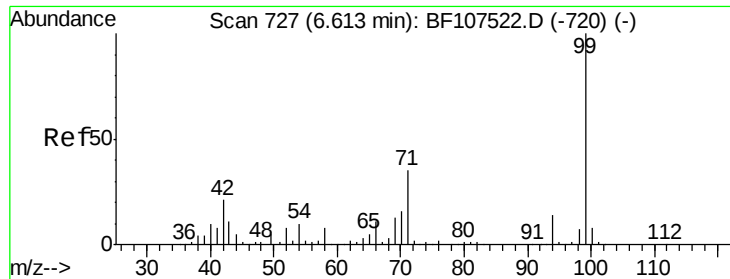
2-Fluorophenol
Concen: 86.301 ng
RT: 5.61 min Scan# 556
Delta R.T. 0.00 min
Lab File: BF107630.D
Acq: 24 Jul 2018 20:19

Tgt Ion:112 Resp: 1273113
Ion Ratio Lower Upper
112 100
64 61.9 47.9 71.9
63 31.5 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: 87.813 ng

RT: 6.61 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF107630.D

Acq: 24 Jul 2018 20:19

Instrument :

BNA_F

ClientSampleId :

GL-TOPSOIL-03

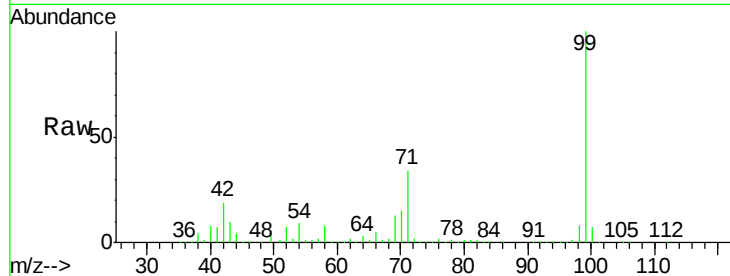
Tgt Ion: 99 Resp: 1555456

Ion Ratio Lower Upper

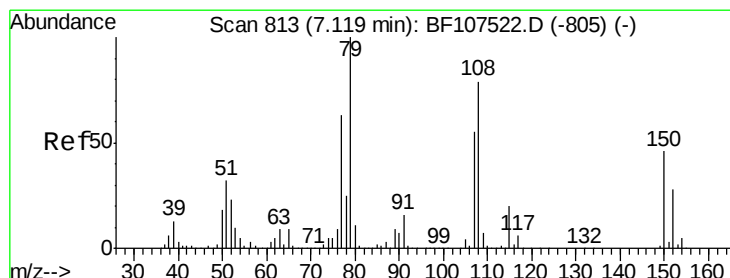
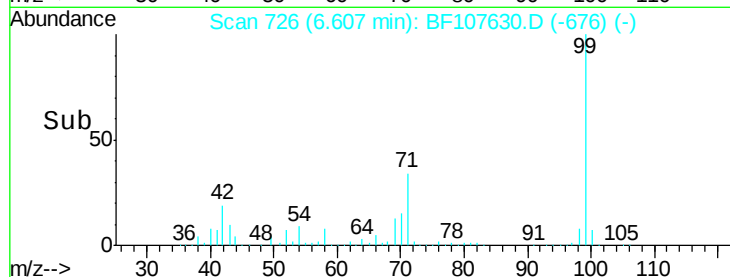
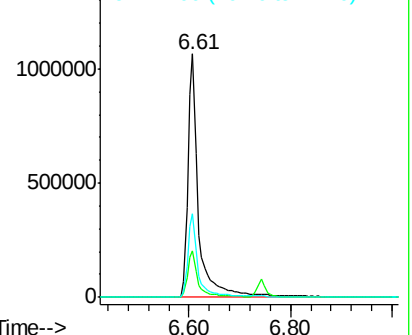
99 100

42 19.0 14.5 21.7

71 34.2 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



#15

Benzyl Alcohol

Concen: 24.249 ng

RT: 7.11 min Scan# 812

Delta R.T. -0.01 min

Lab File: BF107630.D

Acq: 24 Jul 2018 20:19

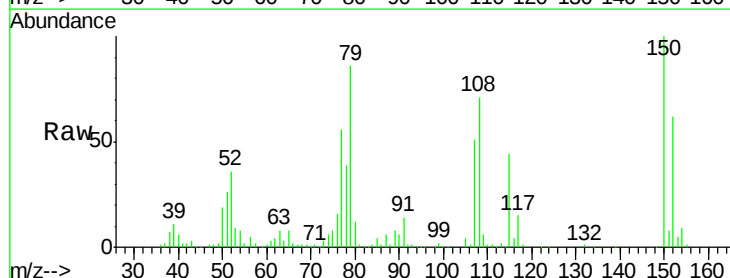
Tgt Ion: 79 Resp: 292738

Ion Ratio Lower Upper

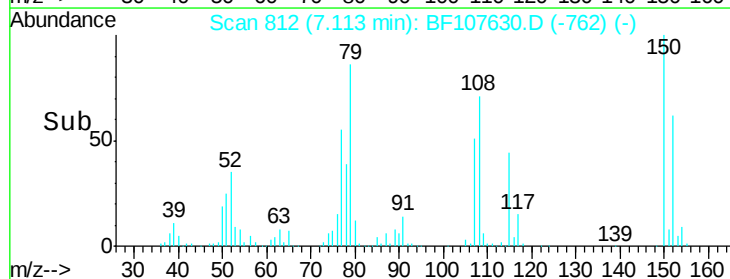
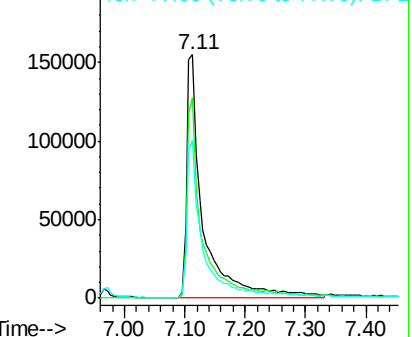
79 100

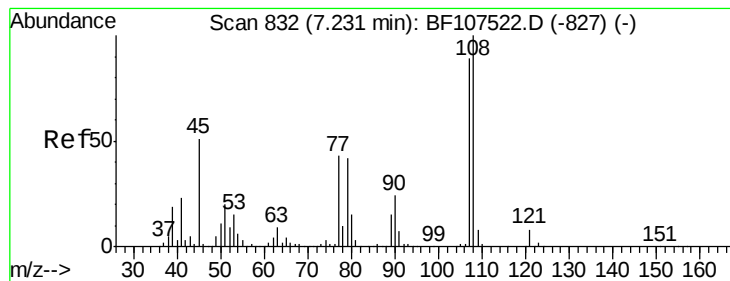
108 82.3 65.1 97.7

77 64.6 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

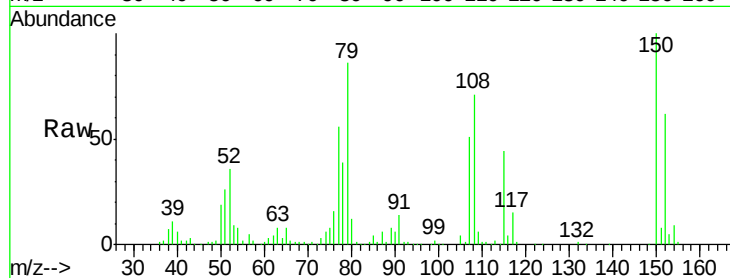




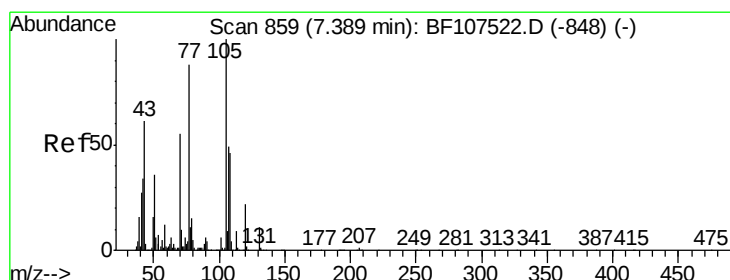
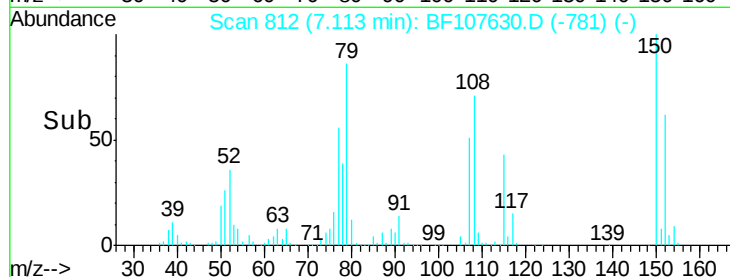
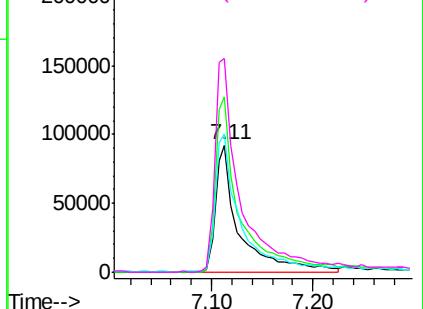
#17
2-Methylphenol
Concen: 11.244 ng
RT: 7.11 min Scan# 812
Delta R.T. -0.12 min
Lab File: BF107630.D
Acq: 24 Jul 2018 20:19

Instrument :
BNA_F
ClientSampleId :
GL-TOPSOIL-03

Tgt Ion	Ratio	Lower	Upper
107	100		
108	138.3	91.7	137.5#
77	108.6	33.8	50.8#
79	168.1	33.8	50.8#



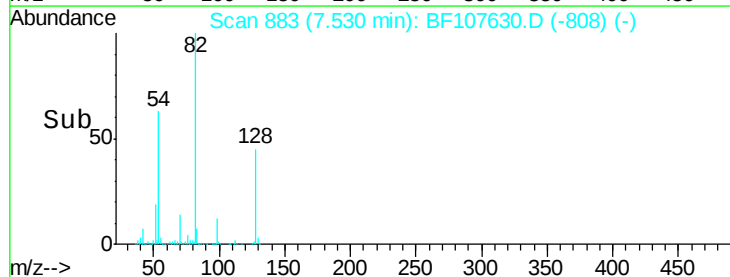
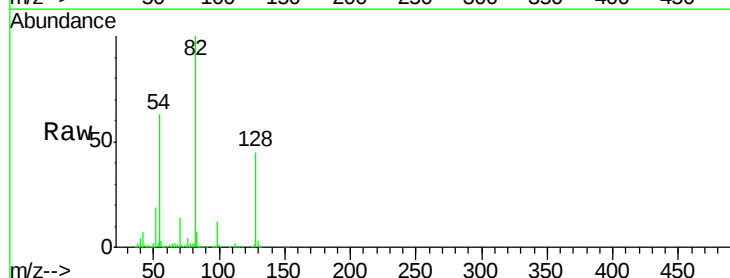
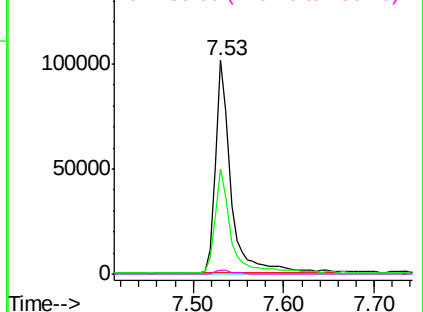
Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

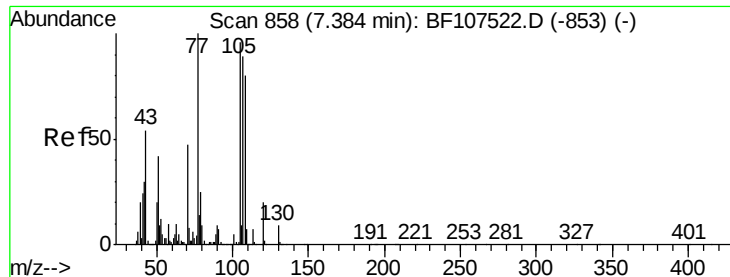


#19
n-Nitroso-di-n-propylamine
Concen: 10.605 ng
RT: 7.53 min Scan# 883
Delta R.T. 0.14 min
Lab File: BF107630.D
Acq: 24 Jul 2018 20:19

Tgt Ion	Ratio	Lower	Upper
70	100		
42	49.3	47.5	71.3
101	0.0	7.4	11.2#
130	2.0	16.6	25.0#

Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

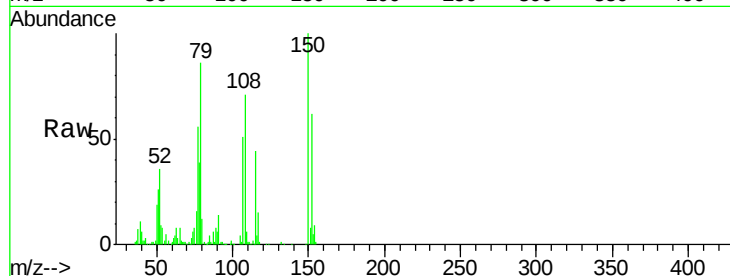




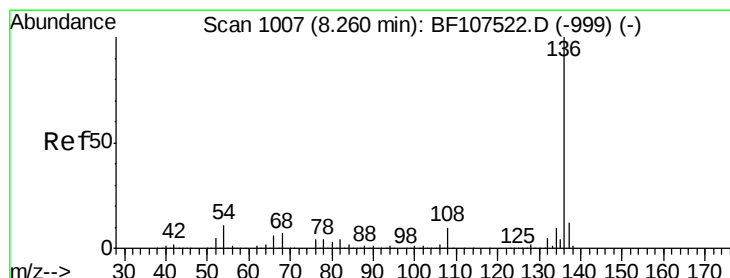
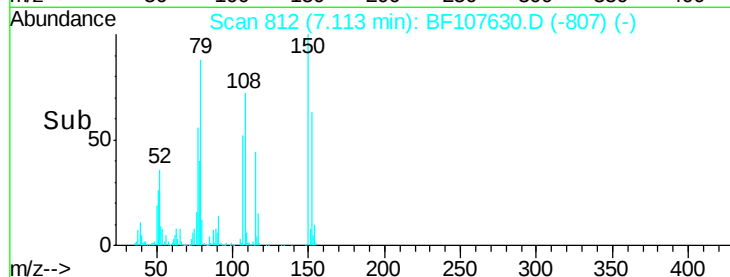
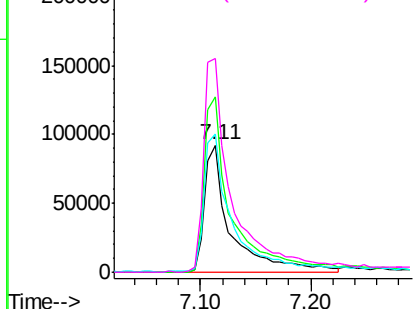
#20
3+4-Methylphenols
Concen: 9.461 ng
RT: 7.11 min Scan# 812
Delta R.T. -0.27 min
Lab File: BF107630.D
Acq: 24 Jul 2018 20:19

Instrument :
BNA_F
ClientSampleId :
GL-TOPSOIL-03

Tgt Ion:107 Resp: 150914
Ion Ratio Lower Upper
107 100
108 138.3 68.2 108.2#
77 108.6 26.7 66.7#
79 168.1 6.3 46.3#



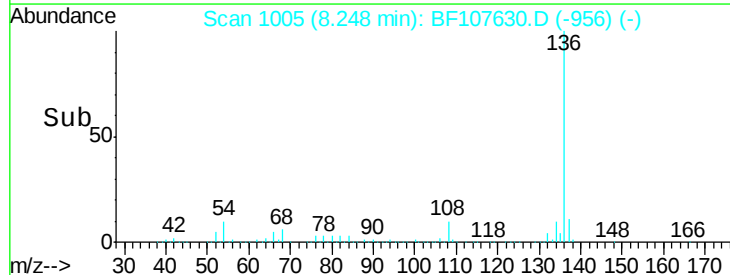
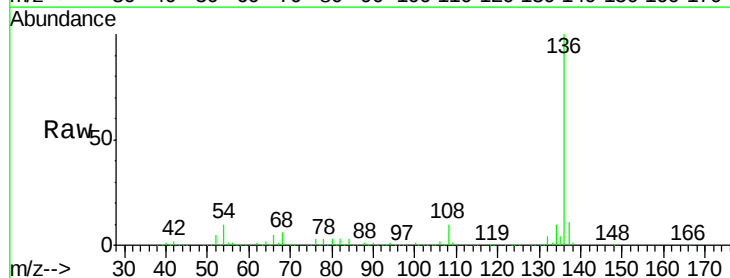
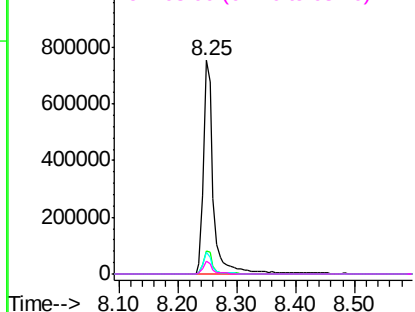
Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

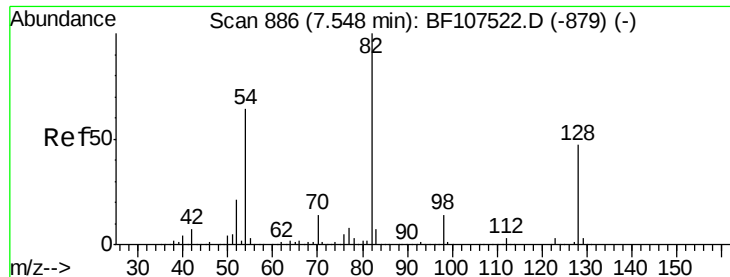


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BF107630.D
Acq: 24 Jul 2018 20:19

Tgt Ion:136 Resp: 878862
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 10.3 6.6 9.8#
68 5.8 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

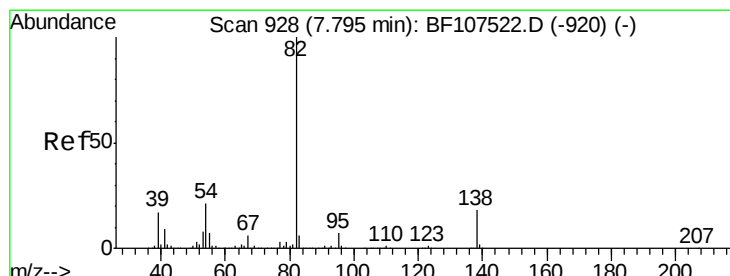
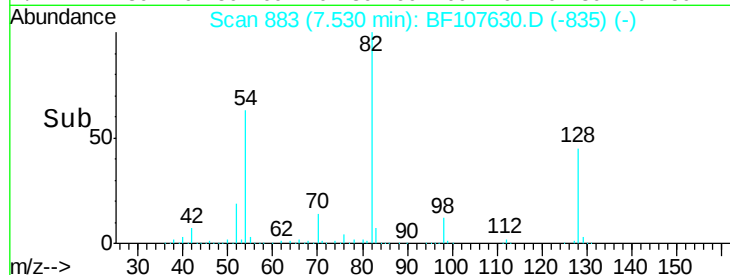
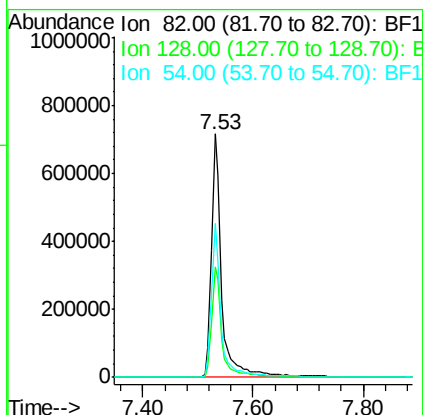
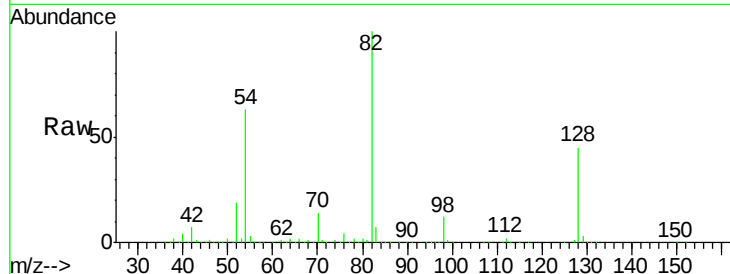


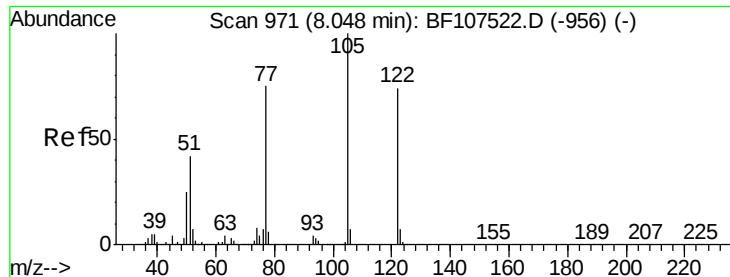


#23
Nitrobenzene-d5
Concen: 70.802 ng
RT: 7.53 min Scan# 883
Delta R.T. -0.02 min
Lab File: BF107630.D
Acq: 24 Jul 2018 20:19

Instrument :
BNA_F
ClientSampleId :
GL-TOPSOIL-03

Tgt Ion: 82 Resp: 922029
Ion Ratio Lower Upper
82 100
128 45.2 36.1 54.1
54 63.2 41.4 62.2#





#32

Benzoic acid

Concen: 7.912 ng

RT: 8.03 min Scan# 968

Delta R.T. -0.02 min

Lab File: BF107630.D

Acq: 24 Jul 2018 20:19

Instrument :

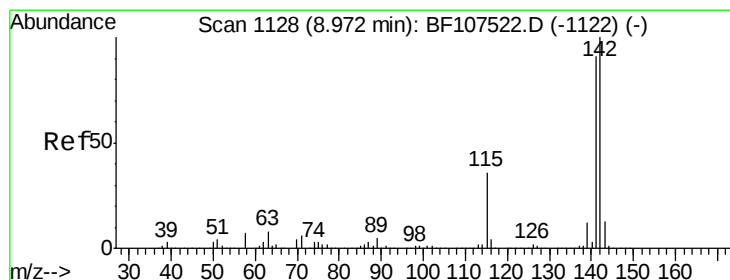
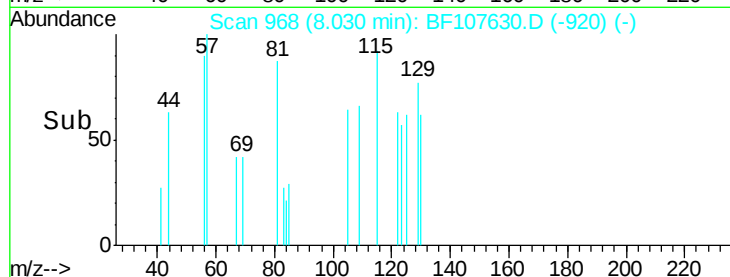
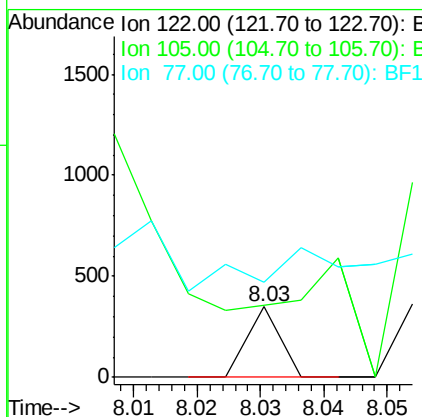
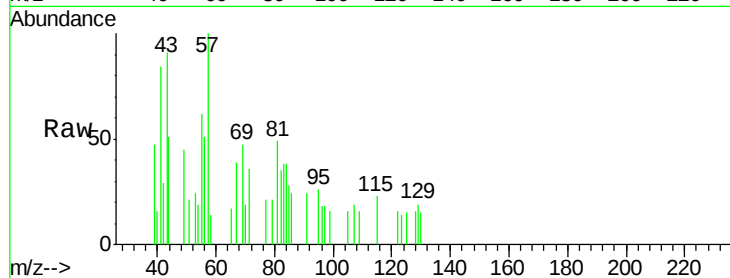
BNA_F

ClientSampleId :

GL-TOPSOIL-03

Tgt Ion:122 Resp: 124

Ion	Ratio	Lower	Upper
122	100		
105	102.0	101.1	141.1
77	134.0	70.7	110.7#



#37

2-Methylnaphthalene

Concen: 4.483 ng

RT: 8.97 min Scan# 1127

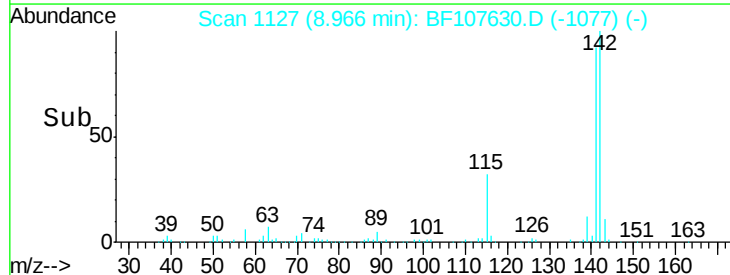
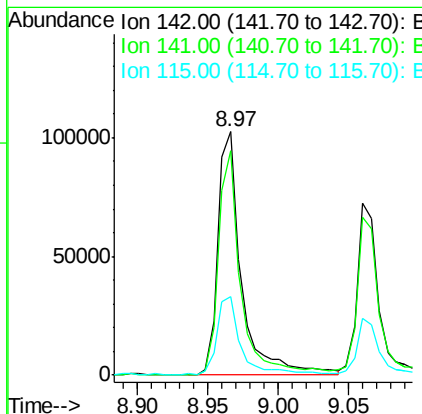
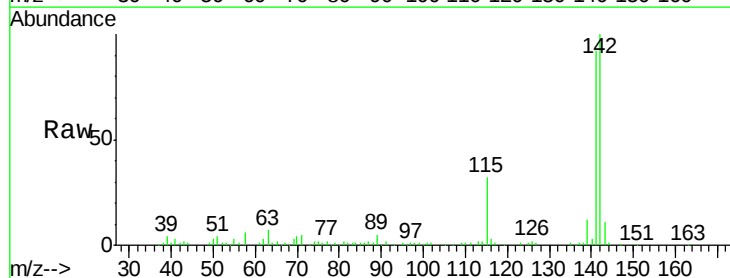
Delta R.T. -0.01 min

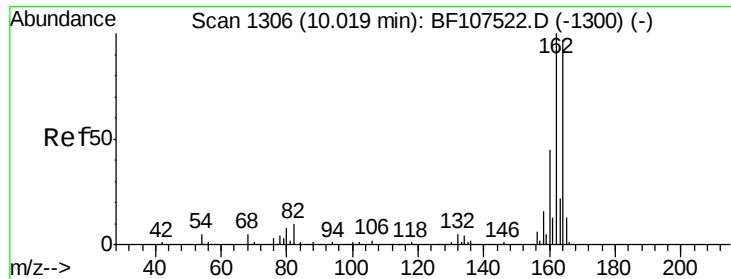
Lab File: BF107630.D

Acq: 24 Jul 2018 20:19

Tgt Ion:142 Resp: 120066

Ion	Ratio	Lower	Upper
142	100		
141	92.2	70.8	106.2
115	32.2	26.1	39.1





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.01 min Scan# 1304

Delta R.T. -0.01 min

Lab File: BF107630.D

Acq: 24 Jul 2018 20:19

Instrument :

BNA_F

ClientSampleId :

GL-TOPSOIL-03

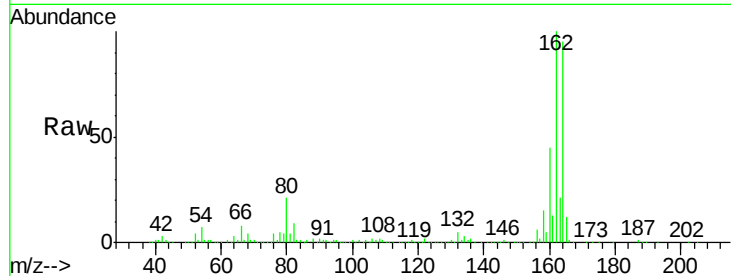
Tgt Ion:164 Resp: 339986

Ion Ratio Lower Upper

164 100

162 105.1 86.1 129.1

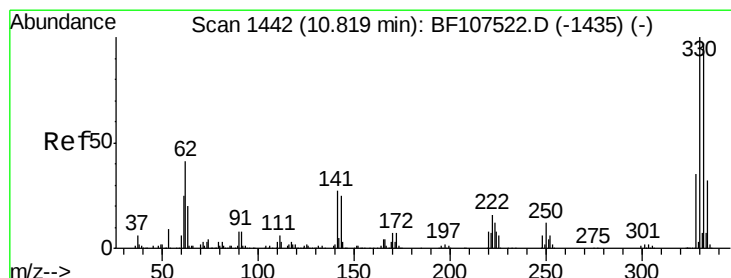
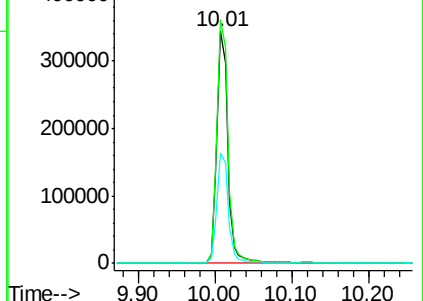
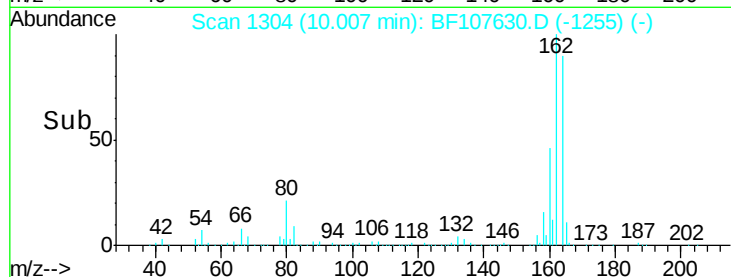
160 47.7 38.3 57.5



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: 85.503 ng

RT: 10.81 min Scan# 1440

Delta R.T. -0.01 min

Lab File: BF107630.D

Acq: 24 Jul 2018 20:19

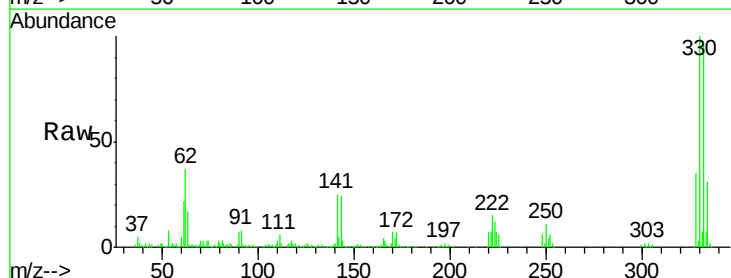
Tgt Ion:330 Resp: 330571

Ion Ratio Lower Upper

330 100

332 96.7 77.0 115.6

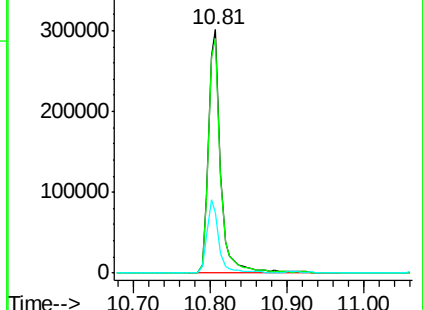
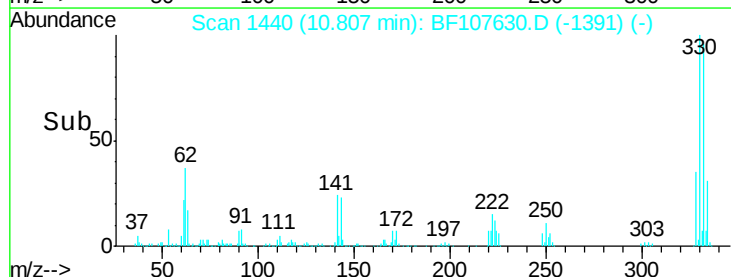
141 29.2 29.9 44.9#

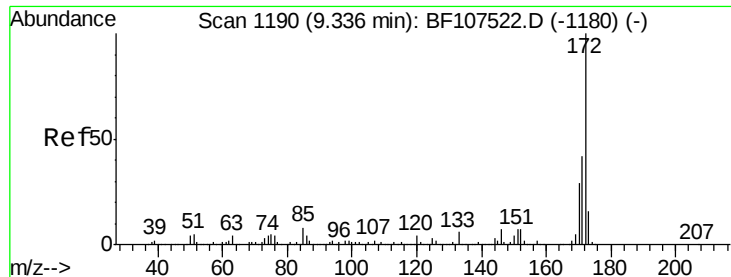


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

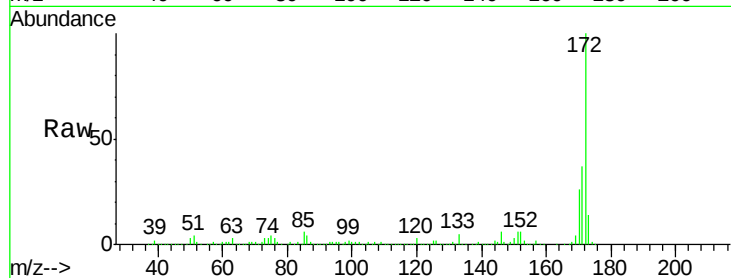




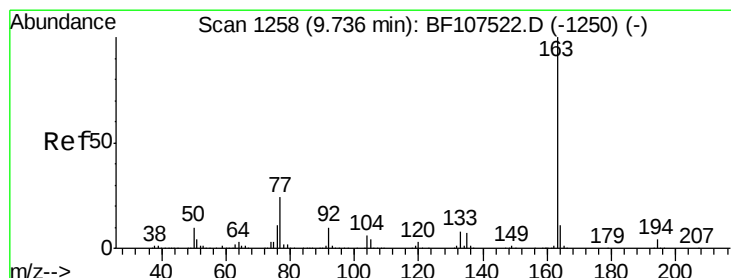
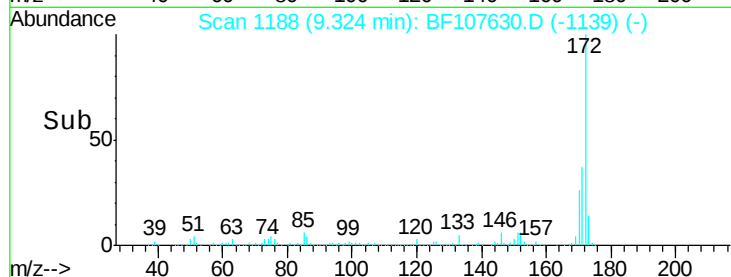
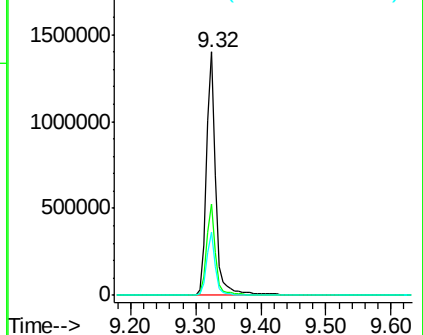
#44
2-Fluorobiphenyl
Concen: 66.294 ng
RT: 9.32 min Scan# 1188
Delta R.T. -0.01 min
Lab File: BF107630.D
Acq: 24 Jul 2018 20:19

Instrument :
BNA_F
ClientSampled :
GL-TOPSOIL-03

Tgt Ion:172 Resp: 1400326
Ion Ratio Lower Upper
172 100
171 37.3 29.7 44.5
170 25.7 19.6 29.4

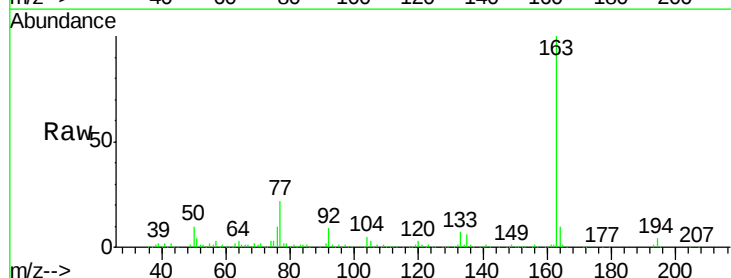


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

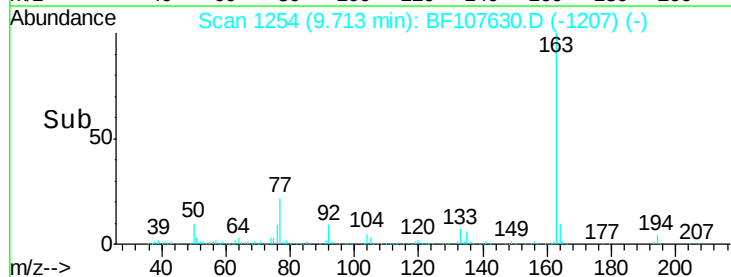
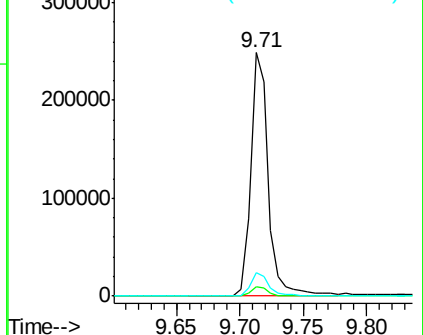


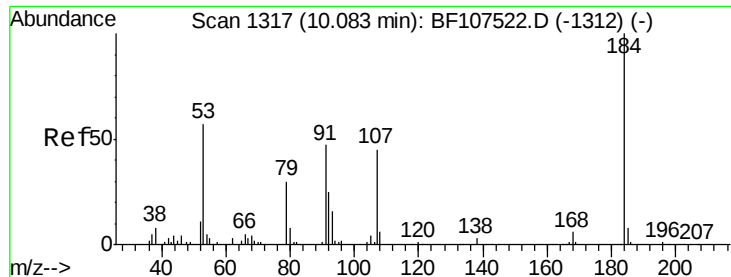
#49
Dimethylphthalate
Concen: 9.371 ng
RT: 9.71 min Scan# 1254
Delta R.T. -0.02 min
Lab File: BF107630.D
Acq: 24 Jul 2018 20:19

Tgt Ion:163 Resp: 240123
Ion Ratio Lower Upper
163 100
194 3.9 2.7 4.1
164 9.8 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

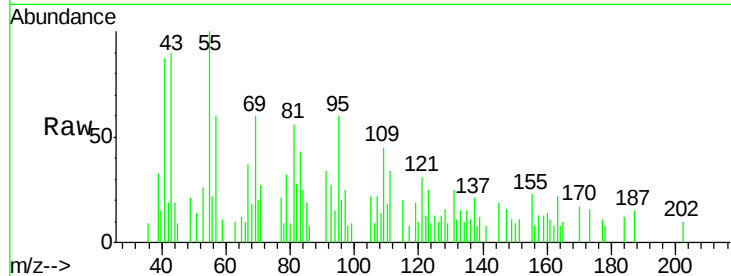




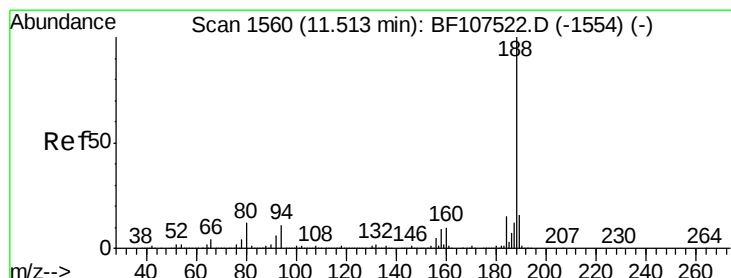
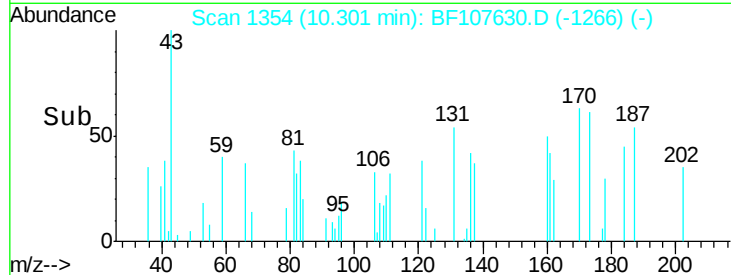
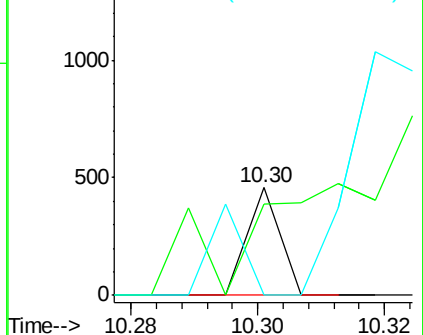
#53
2,4-Dinitrophenol
Concen: 8.373 ng
RT: 10.30 min Scan# 1354
Delta R.T. 0.22 min
Lab File: BF107630.D
Acq: 24 Jul 2018 20:19

Instrument :
BNA_F
ClientSampleId :
GL-TOPSOIL-03

Tgt Ion:184 Resp: 162
Ion Ratio Lower Upper
184 100
63 84.7 54.2 81.2#
154 0.0 184.0 276.0#

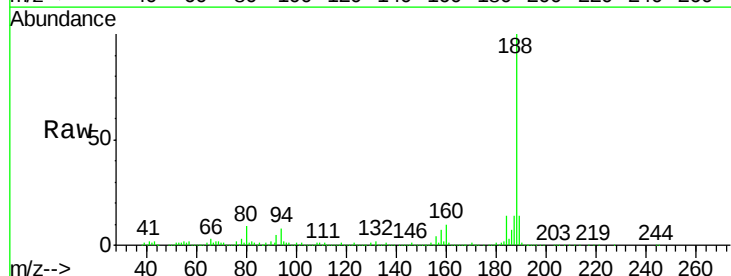


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

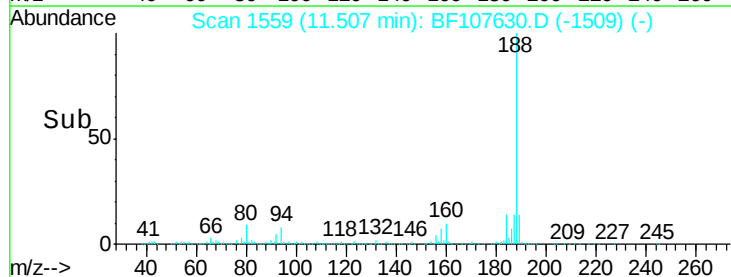
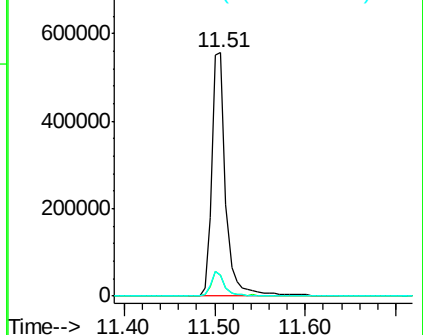


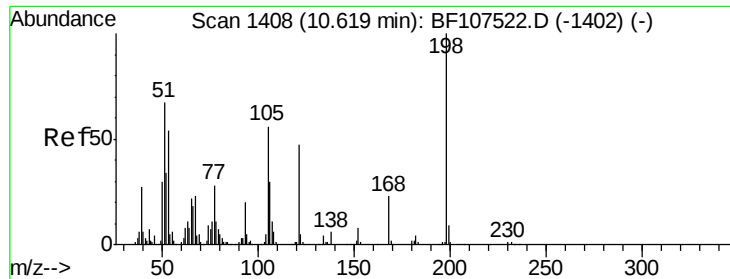
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.51 min Scan# 1559
Delta R.T. -0.01 min
Lab File: BF107630.D
Acq: 24 Jul 2018 20:19

Tgt Ion:188 Resp: 607883
Ion Ratio Lower Upper
188 100
94 8.4 8.5 12.7#
80 8.6 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

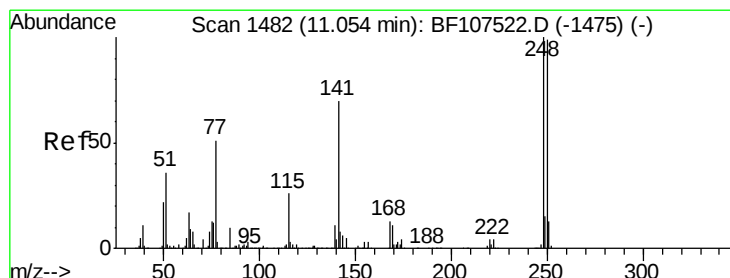
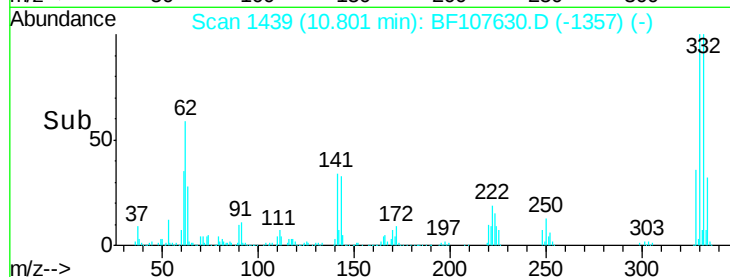
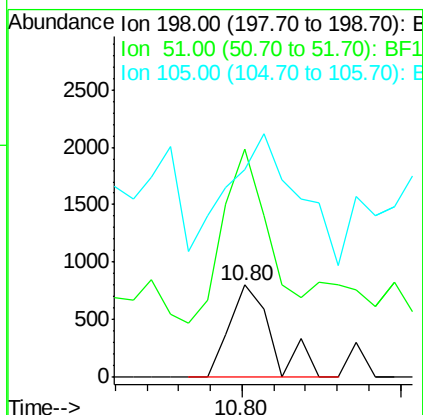
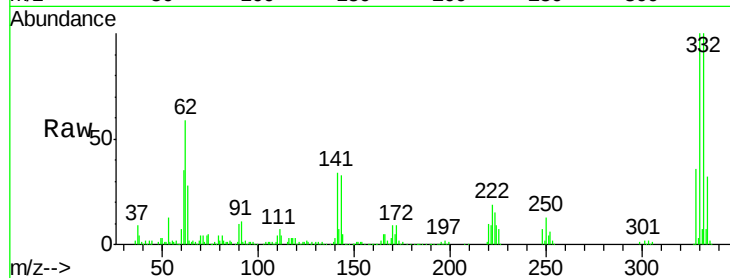




#64
 4,6-Dinitro-2-methylphenol
 Concen: 8.887 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. 0.18 min
 Lab File: BF107630.D
 Acq: 24 Jul 2018 20:19

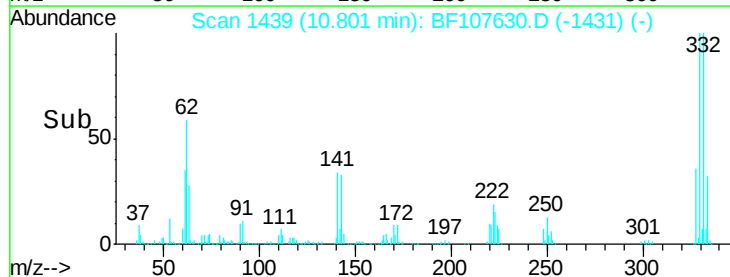
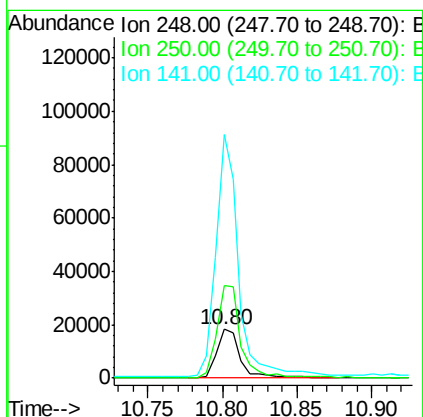
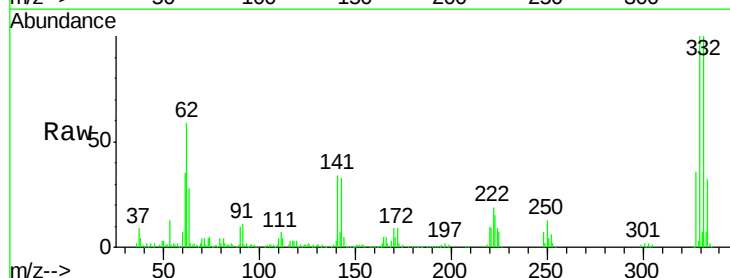
Instrument :
 BNA_F
 ClientSampleId :
 GL-TOPSOIL-03

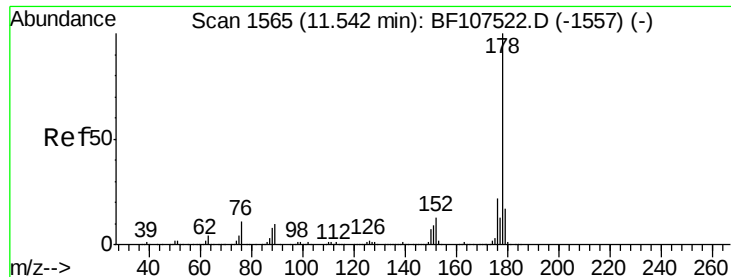
Tgt Ion:198 Resp: 740
 Ion Ratio Lower Upper
 198 100
 51 247.4 37.7 77.7#
 105 225.7 36.3 76.3#



#66
 4-Bromophenyl-phenylether
 Concen: 2.838 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. -0.25 min
 Lab File: BF107630.D
 Acq: 24 Jul 2018 20:19

Tgt Ion:248 Resp: 20305
 Ion Ratio Lower Upper
 248 100
 250 191.1 76.9 115.3#
 141 502.4 74.4 111.6#





#70

Phenanthrene

Concen: 2.687 ng

RT: 11.52 min Scan# 1562

Delta R.T. -0.02 min

Lab File: BF107630.D

Acq: 24 Jul 2018 20:19

Instrument :

BNA_F

ClientSampleId :

GL-TOPSOIL-03

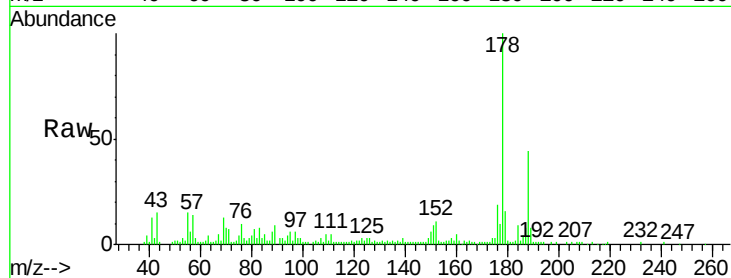
Tgt Ion:178 Resp: 79589

Ion Ratio Lower Upper

178 100

176 18.9 15.8 23.8

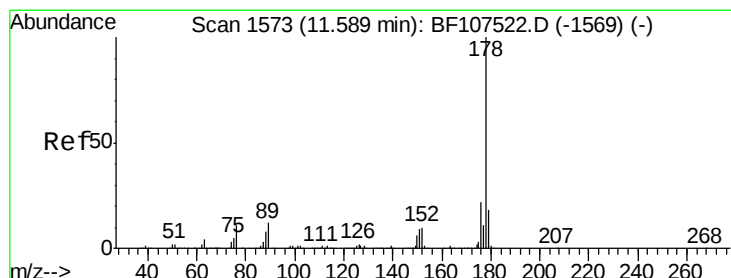
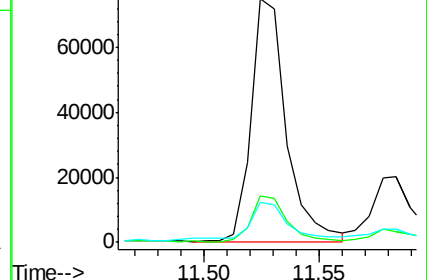
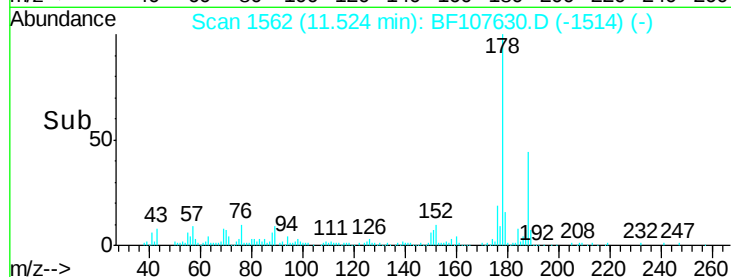
179 16.3 13.0 19.6



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: 2.669 ng

RT: 11.52 min Scan# 1562

Delta R.T. -0.06 min

Lab File: BF107630.D

Acq: 24 Jul 2018 20:19

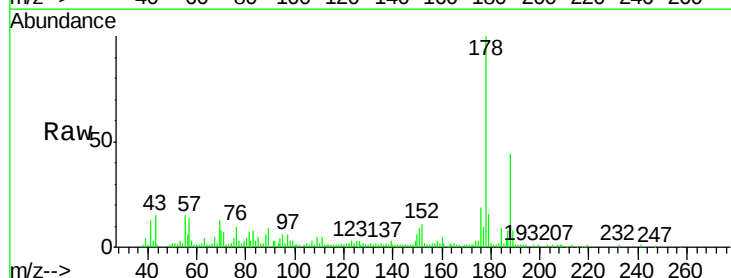
Tgt Ion:178 Resp: 79589

Ion Ratio Lower Upper

178 100

176 18.9 15.4 23.2

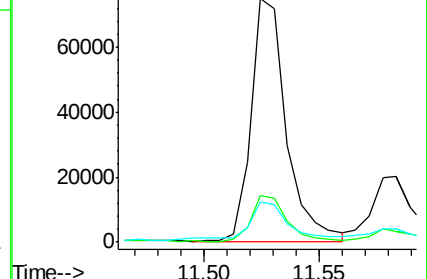
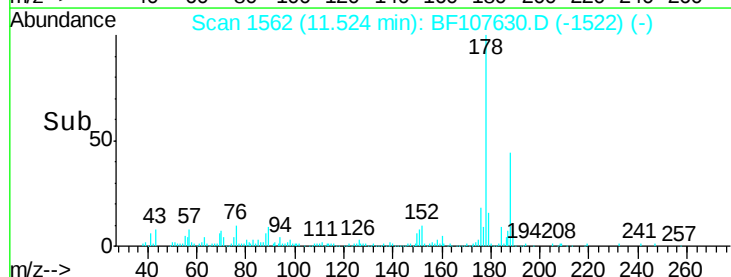
179 16.3 12.6 19.0

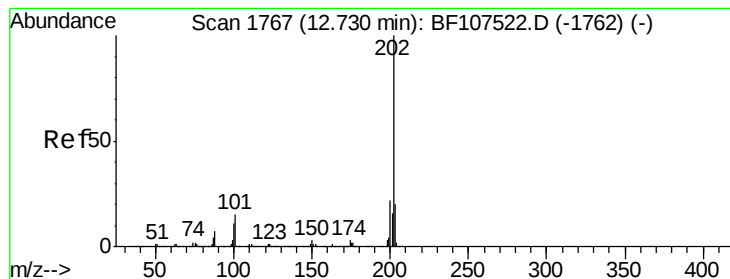


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#74

Fluoranthene

Concen: 8.133 ng

RT: 12.72 min Scan# 1765

Delta R.T. -0.01 min

Lab File: BF107630.D

Acq: 24 Jul 2018 20:19

Instrument :

BNA_F

ClientSampleId :

GL-TOPSOIL-03

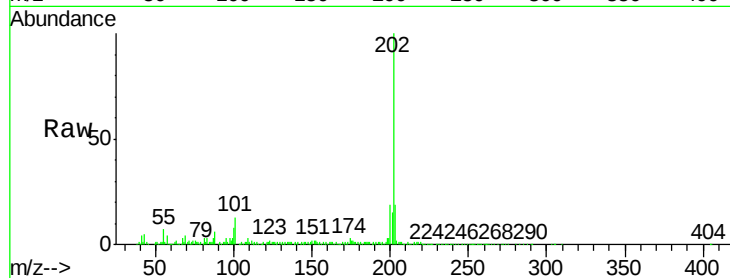
Tgt Ion:202 Resp: 258519

Ion Ratio Lower Upper

202 100

101 13.2 0.0 34.1

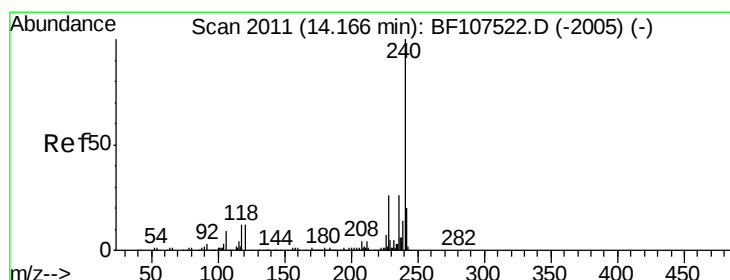
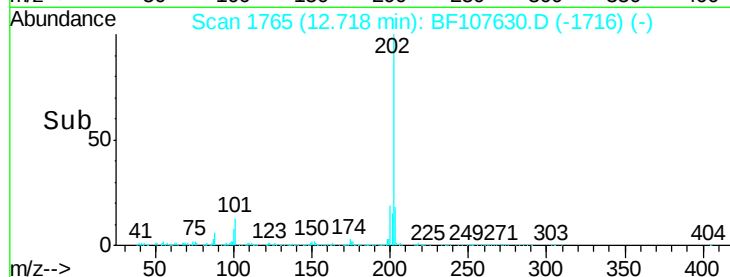
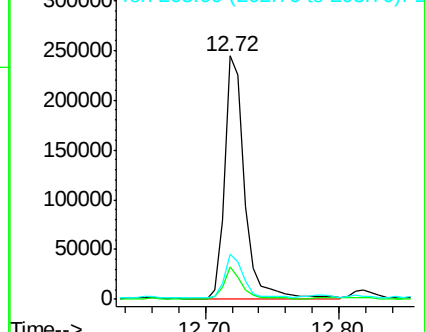
203 18.5 0.0 38.1



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: 14.15 min Scan# 2009

Delta R.T. -0.01 min

Lab File: BF107630.D

Acq: 24 Jul 2018 20:19

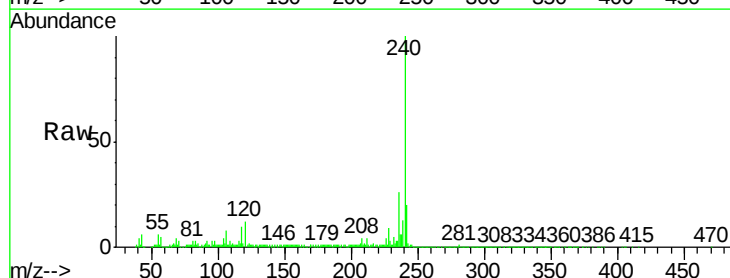
Tgt Ion:240 Resp: 451719

Ion Ratio Lower Upper

240 100

120 11.7 9.5 14.3

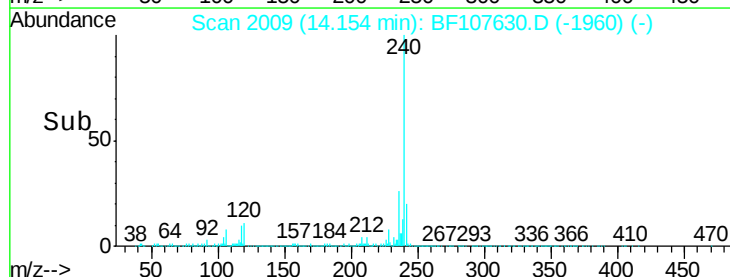
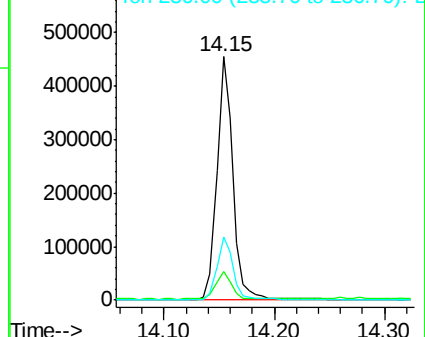
236 25.8 20.7 31.1

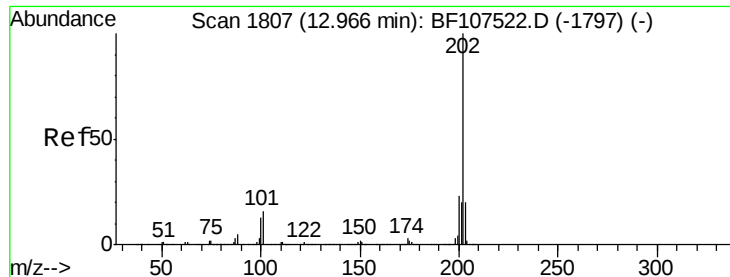


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

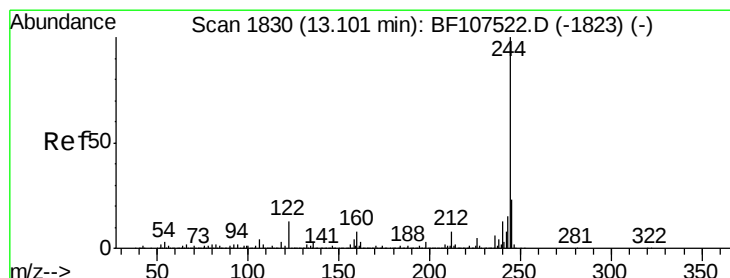
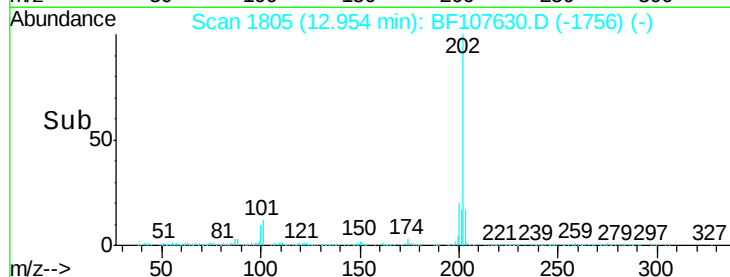
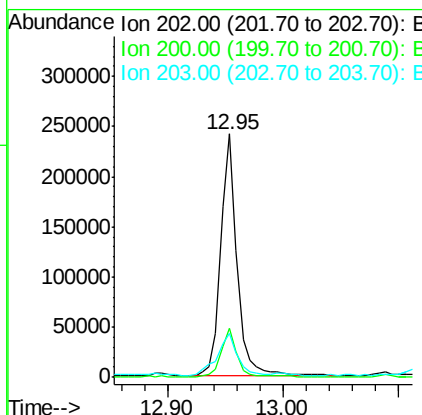
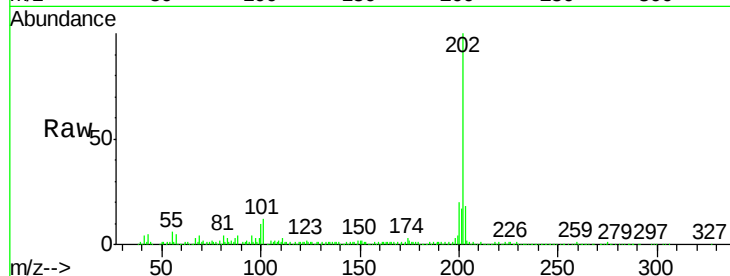




#77
 Pyrene
 Concen: 7.734 ng
 RT: 12.95 min Scan# 1805
 Delta R.T. -0.01 min
 Lab File: BF107630.D
 Acq: 24 Jul 2018 20:19

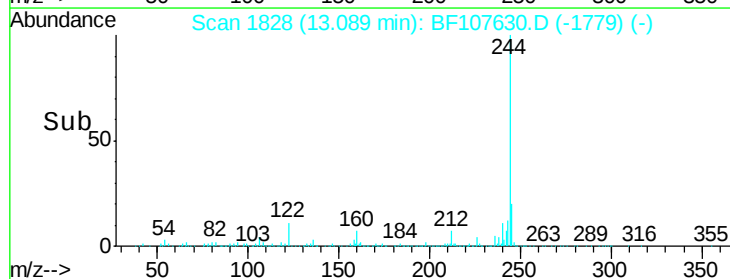
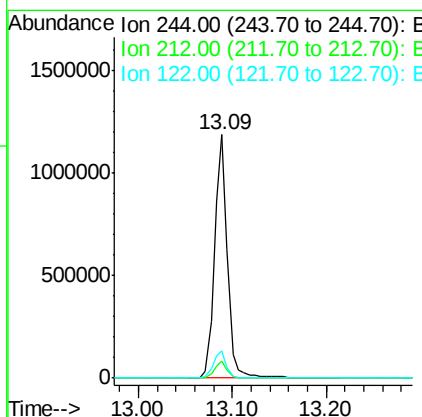
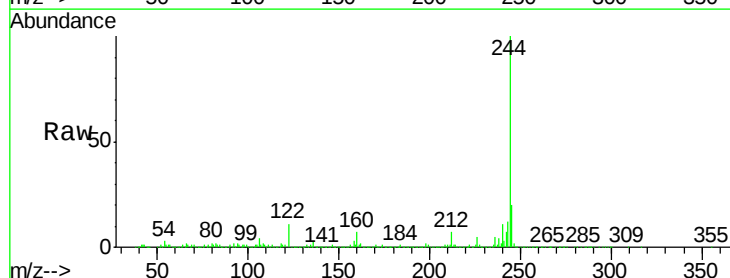
Instrument :
 BNA_F
 ClientSampleId :
 GL-TOPSOIL-03

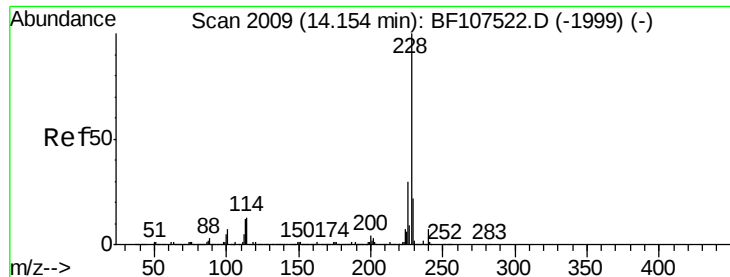
Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.0	17.4	26.2
203	17.8	14.3	21.5



#78
 Terphenyl-d14
 Concen: 65.119 ng
 RT: 13.09 min Scan# 1828
 Delta R.T. -0.01 min
 Lab File: BF107630.D
 Acq: 24 Jul 2018 20:19

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	11.2	11.0	16.4





#80

Benzo(a)anthracene

Concen: 4.402 ng

RT: 14.14 min Scan# 2007

Delta R.T. -0.01 min

Lab File: BF107630.D

Acq: 24 Jul 2018 20:19

Instrument :

BNA_F

ClientSampleId :

GL-TOPSOIL-03

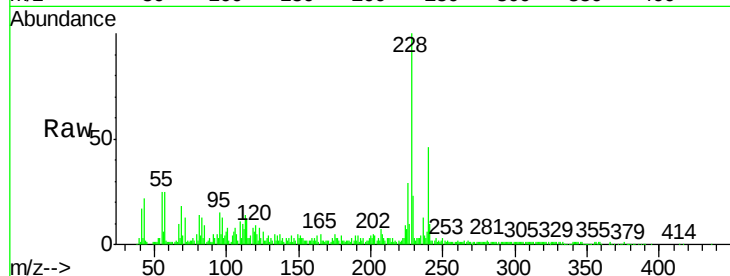
Tgt Ion:228 Resp: 116535

Ion Ratio Lower Upper

228 100

226 29.1 22.6 33.8

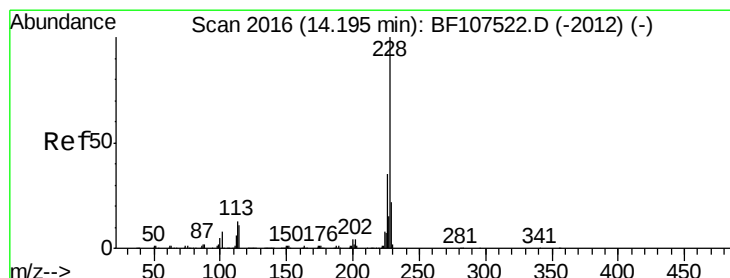
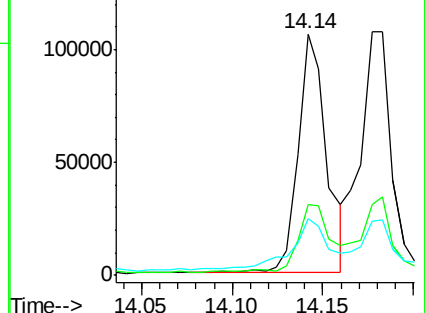
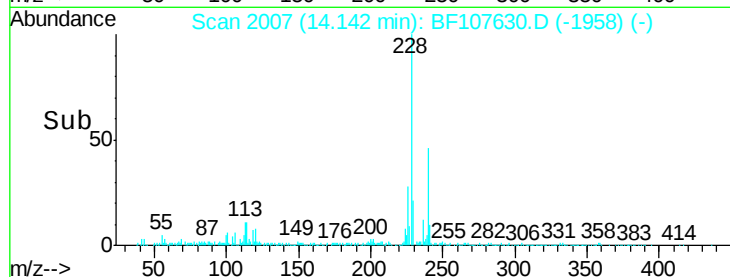
229 23.4 15.8 23.6



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: 5.082 ng

RT: 14.18 min Scan# 2014

Delta R.T. -0.01 min

Lab File: BF107630.D

Acq: 24 Jul 2018 20:19

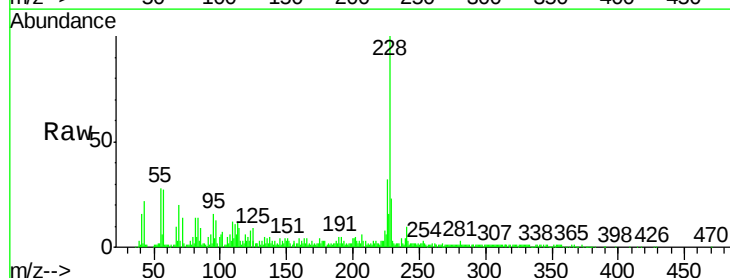
Tgt Ion:228 Resp: 129240

Ion Ratio Lower Upper

228 100

226 32.2 25.0 37.6

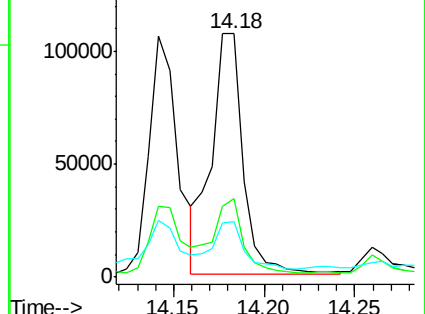
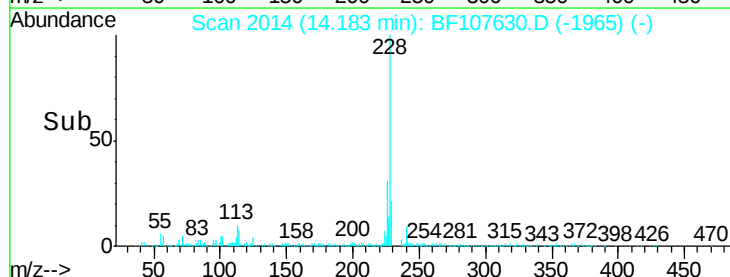
229 22.7 16.2 24.4

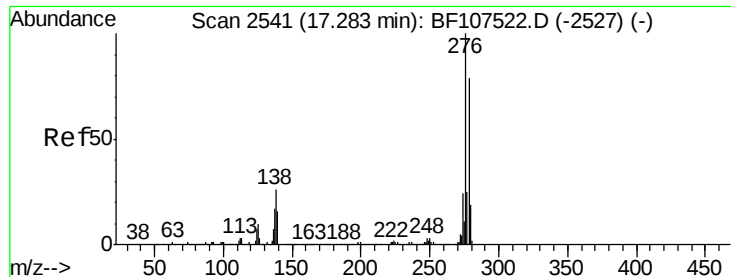


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

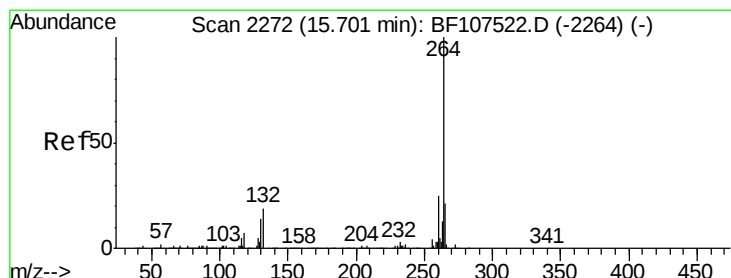
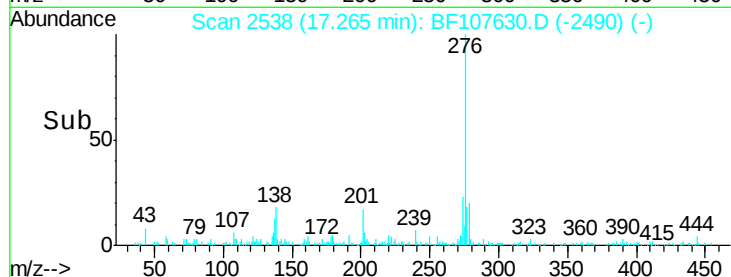
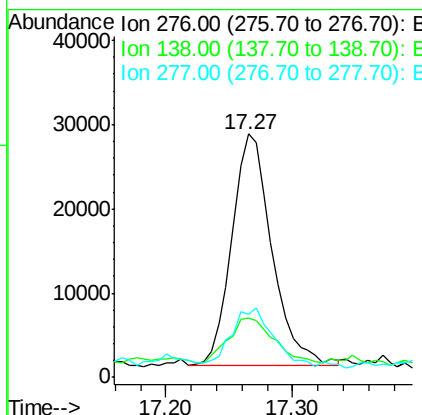
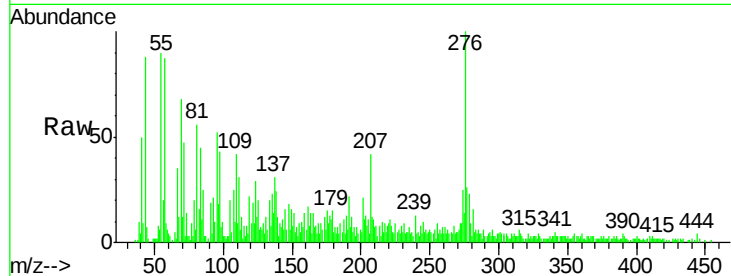




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 2.786 ng
 RT: 17.27 min Scan# 2538
 Delta R.T. -0.02 min
 Lab File: BF107630.D
 Acq: 24 Jul 2018 20:19

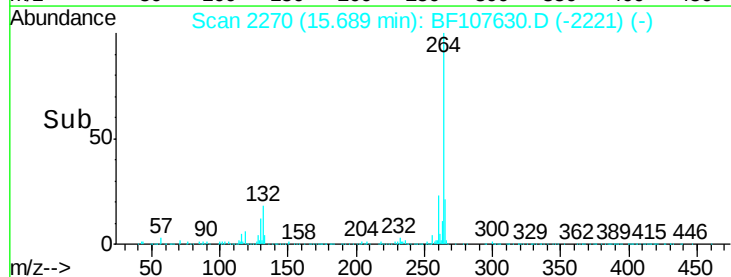
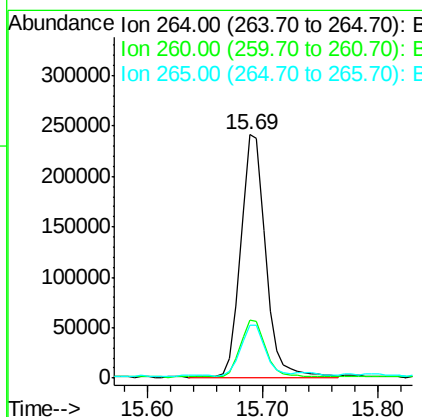
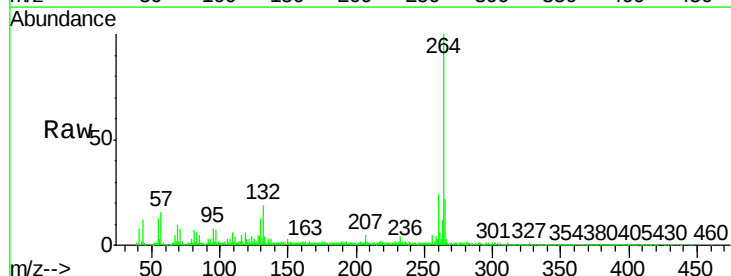
Instrument :
 BNA_F
 ClientSampleId :
 GL-TOPSOIL-03

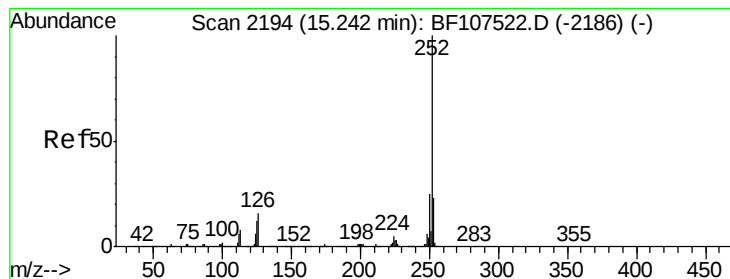
Tgt Ion	Ratio	Lower	Upper
276	100		
138	22.6	25.0	37.6#
277	26.0	20.1	30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.69 min Scan# 2270
 Delta R.T. -0.01 min
 Lab File: BF107630.D
 Acq: 24 Jul 2018 20:19

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	22.0	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 9.867 ng

RT: 15.23 min Scan# 2192

Delta R.T. -0.01 min

Lab File: BF107630.D

Acq: 24 Jul 2018 20:19

Instrument :

BNA_F

ClientSampleId :

GL-TOPSOIL-03

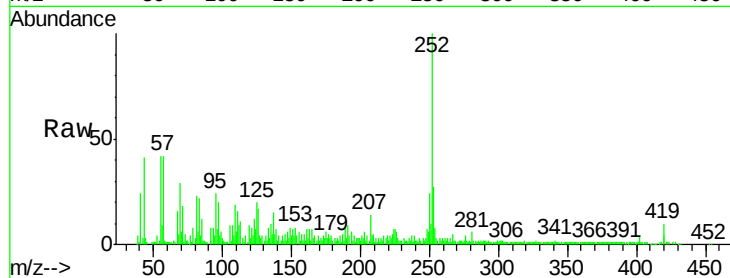
Tgt Ion:252 Resp: 193820

Ion Ratio Lower Upper

252 100

253 27.2 17.0 25.6#

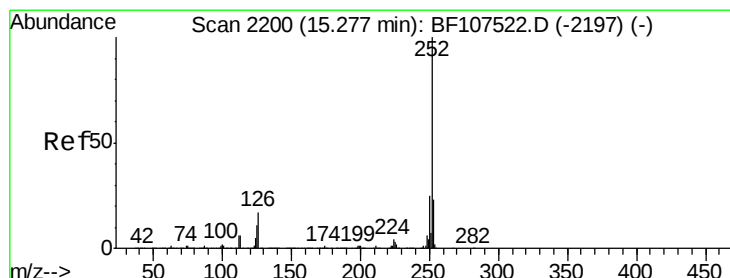
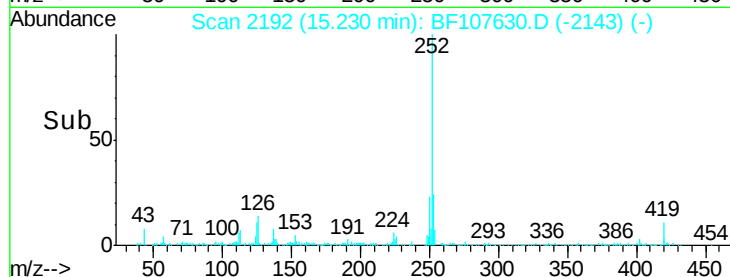
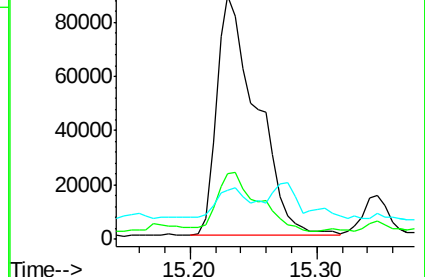
125 20.3 9.0 13.6#



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



#88

Benzo(k)fluoranthene

Concen: 10.071 ng

RT: 15.23 min Scan# 2192

Delta R.T. -0.05 min

Lab File: BF107630.D

Acq: 24 Jul 2018 20:19

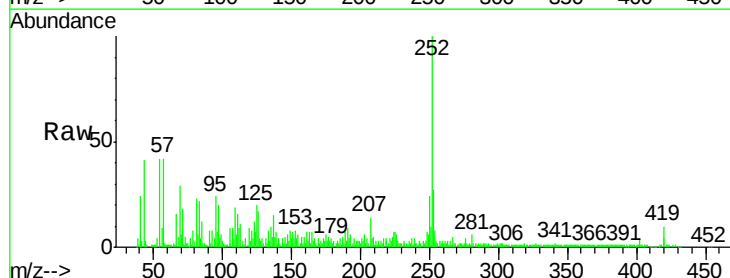
Tgt Ion:252 Resp: 193820

Ion Ratio Lower Upper

252 100

253 27.2 17.9 26.9#

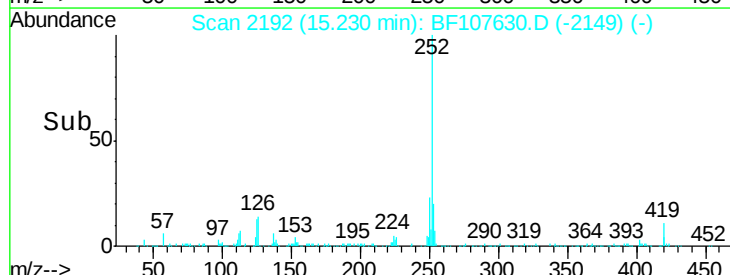
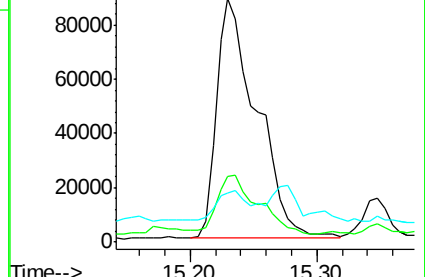
125 20.3 10.2 15.2#

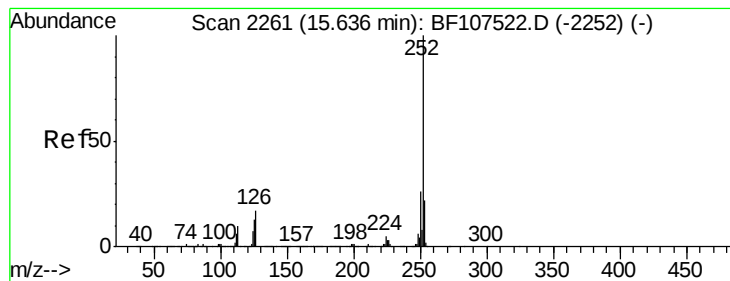


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 4.871 ng

RT: 15.62 min Scan# 2259

Delta R.T. -0.01 min

Lab File: BF107630.D

Acq: 24 Jul 2018 20:19

Instrument :

BNA_F

ClientSampleId :

GL-TOPSOIL-03

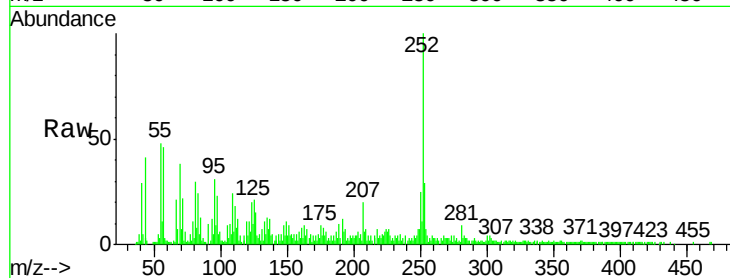
Tgt Ion:252 Resp: 87528

Ion Ratio Lower Upper

252 100

253 28.9 17.1 25.7#

125 21.0 9.8 14.6#

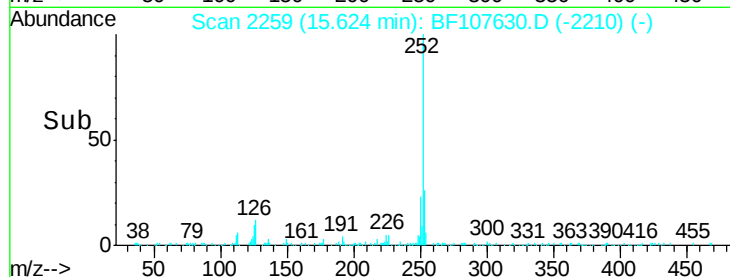


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

Time--> 15.55 15.60 15.65

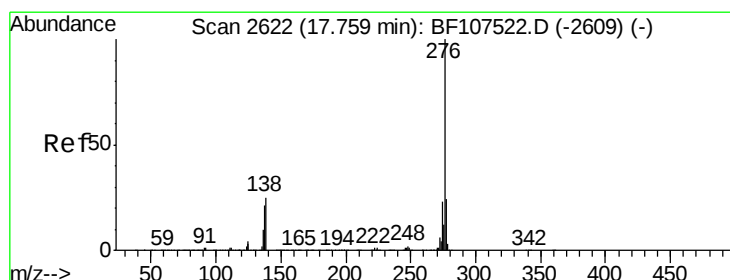


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

Time--> 15.55 15.60 15.65



#91

Benzo(g,h,i)perylene

Concen: 3.942 ng

RT: 17.75 min Scan# 2620

Delta R.T. -0.01 min

Lab File: BF107630.D

Acq: 24 Jul 2018 20:19

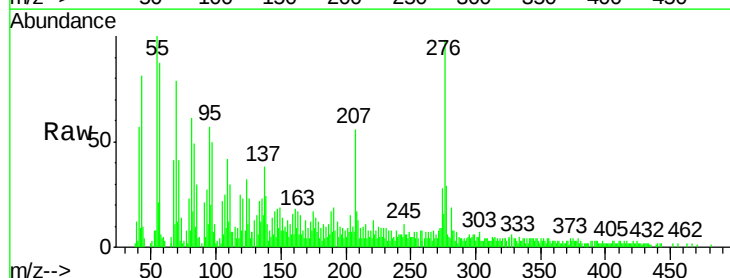
Tgt Ion:276 Resp: 60397

Ion Ratio Lower Upper

276 100

277 30.0 17.9 26.9#

138 24.3 21.8 32.8

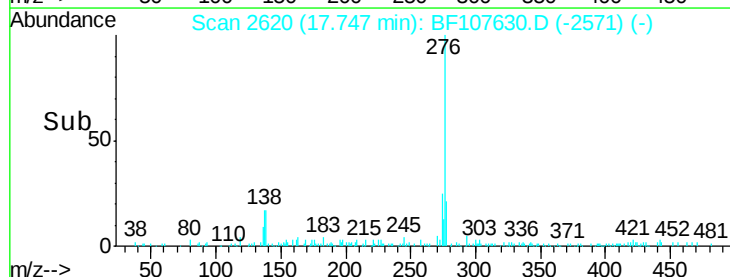


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

Time--> 17.70 17.80



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

Time--> 17.70 17.80