

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083018\
 Data File : BF108657.D
 Acq On : 30 Aug 2018 23:00
 Operator : JU/SJ
 Sample : J4699-04
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CG-SOIL-2

Quant Time: Aug 31 03:19:39 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 30 15:06:55 2018
 Response via : Initial Calibration

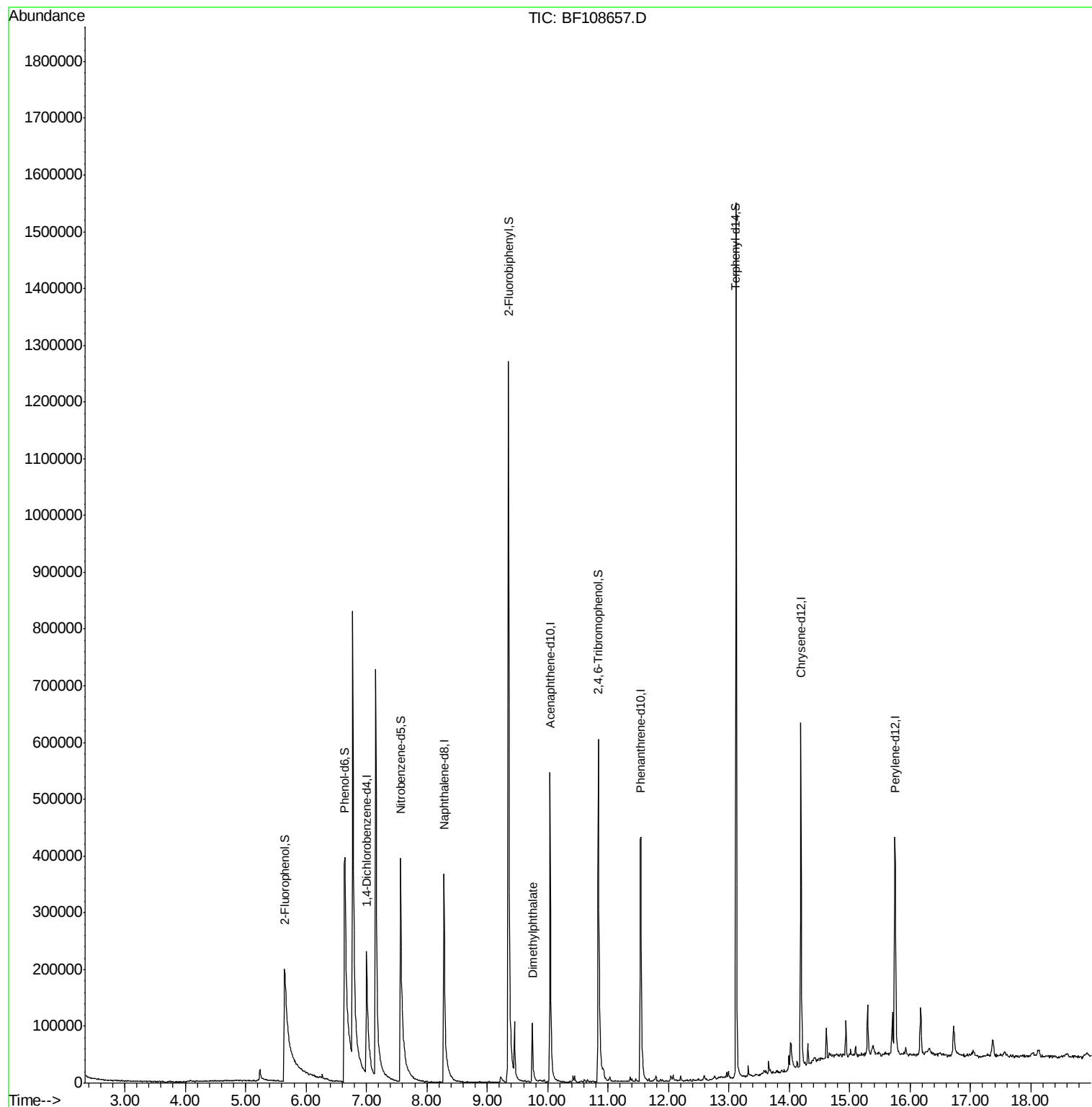
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	79222	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	330565	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	148079	20.00	ng	0.00
63) Phenanthrene-d10	11.54	188	263567	20.00	ng	0.00
75) Chrysene-d12	14.19	240	272323	20.00	ng	0.00
86) Perylene-d12	15.75	264	226348	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	265129	58.14	ng	0.00
7) Phenol-d6	6.64	99	491008	75.17	ng	0.00
23) Nitrobenzene-d5	7.57	82	325073	49.92	ng	0.00
41) 2,4,6-Tribromophenol	10.84	330	121427	62.12	ng	-0.01
44) 2-Fluorobiphenyl	9.35	172	618404	56.15	ng	0.00
78) Terphenyl-d14	13.12	244	583948	41.66	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.75	163	75254	6.454	ng	Qvalue 99

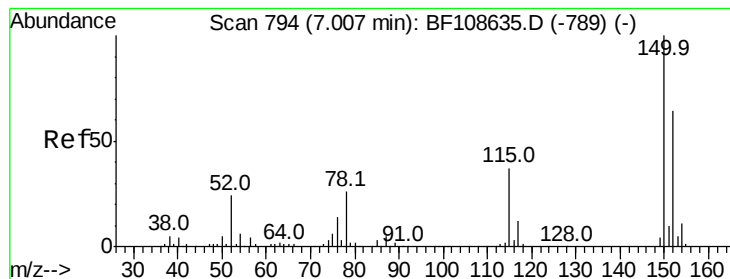
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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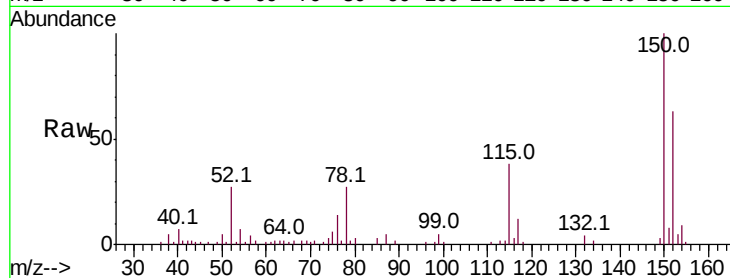


#1

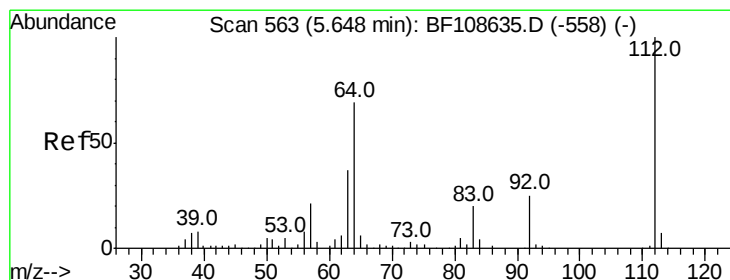
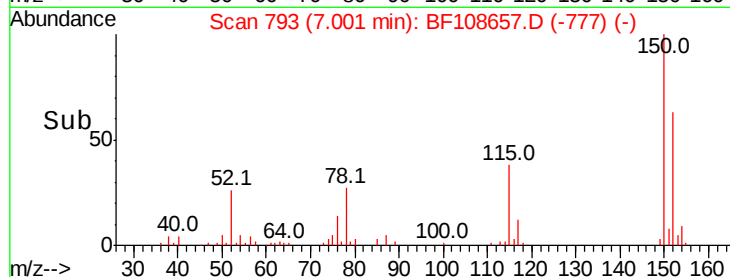
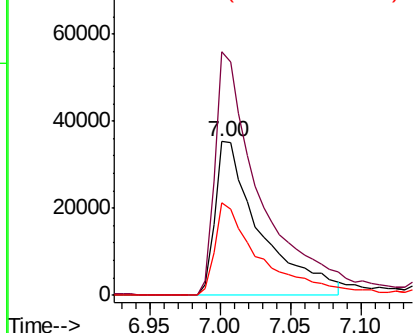
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF108657.D
Acq: 30 Aug 2018 23:00

Instrument :
BNA_F
ClientSampleId :
CG-SOIL-2

Tot Ion:152 Resp: 79222
Ion Ratio Lower Upper
152 100
150 158.6 124.6 186.8
115 60.4 50.1 75.1



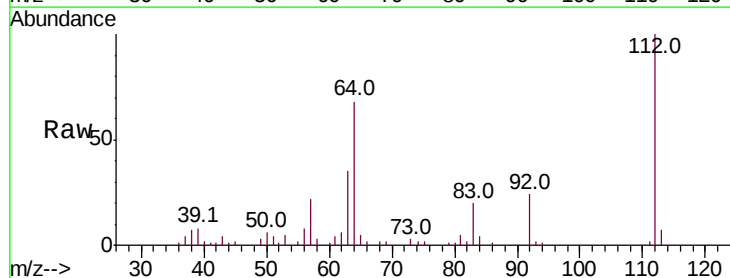
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



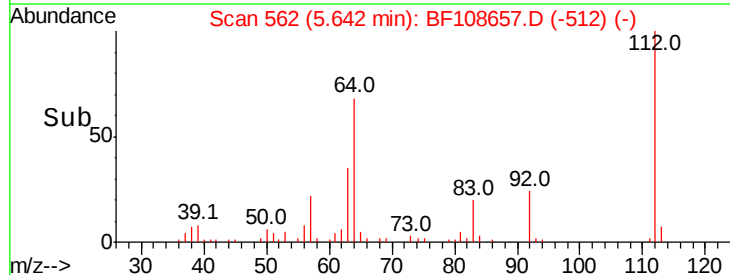
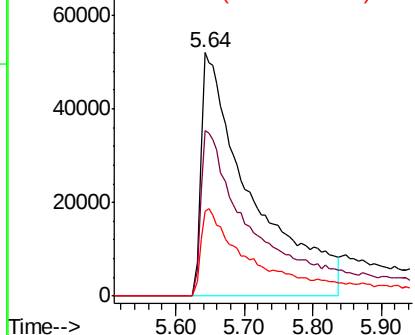
#5

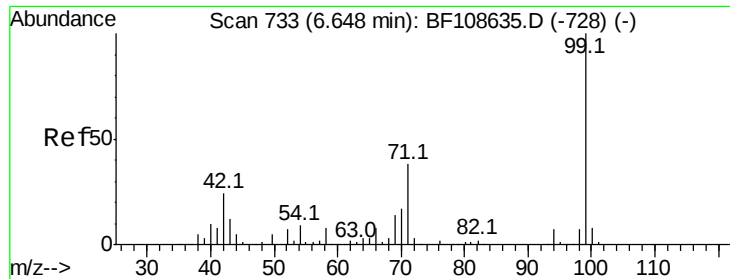
2-Fluorophenol
Concen: 58.138 ng
RT: 5.64 min Scan# 562
Delta R.T. -0.01 min
Lab File: BF108657.D
Acq: 30 Aug 2018 23:00

Tgt Ion:112 Resp: 265129
Ion Ratio Lower Upper
112 100
64 68.2 47.9 71.9
63 35.0 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: 75.175 ng

RT: 6.64 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF108657.D

Acq: 30 Aug 2018 23:00

Instrument :

BNA_F

ClientSampleId :

CG-SOIL-2

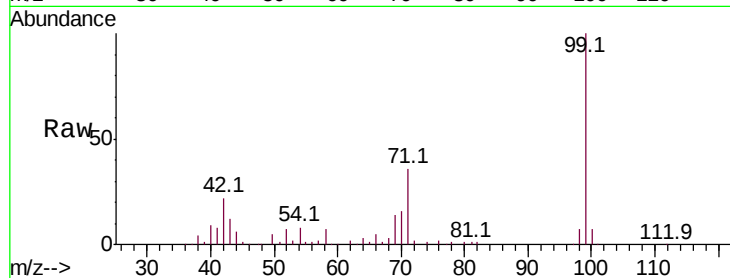
Tot Ion: 99 Resp: 491008

Ion Ratio Lower Upper

99 100

42 21.7 14.5 21.7

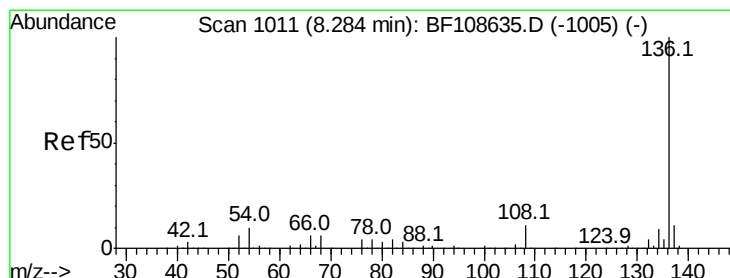
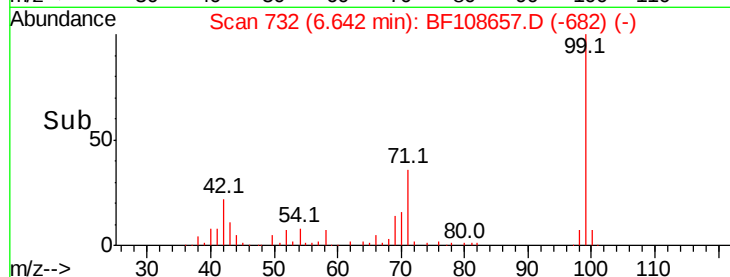
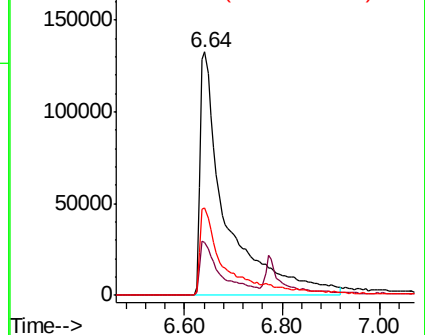
71 36.0 25.4 38.0



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.28 min Scan# 1011

Delta R.T. -0.00 min

Lab File: BF108657.D

Acq: 30 Aug 2018 23:00

Tgt Ion: 136 Resp: 330565

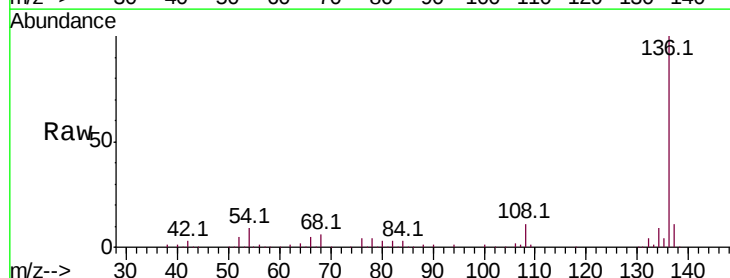
Ion Ratio Lower Upper

136 100

137 10.6 8.9 13.3

54 9.3 6.6 9.8

68 5.6 5.0 7.4

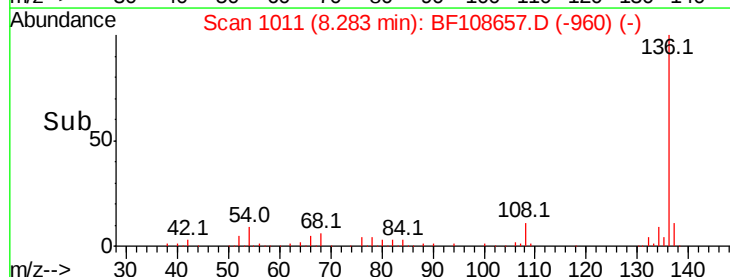
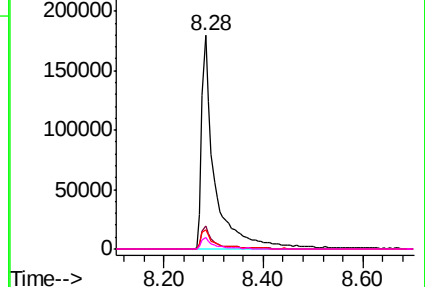


Abundance Ion 136.00 (135.70 to 136.70): E

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

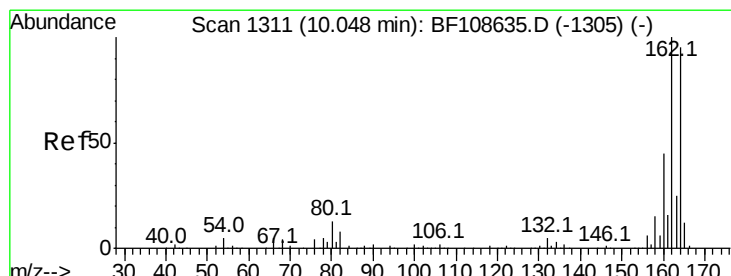
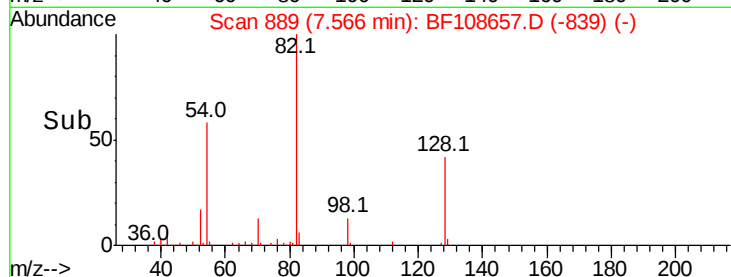
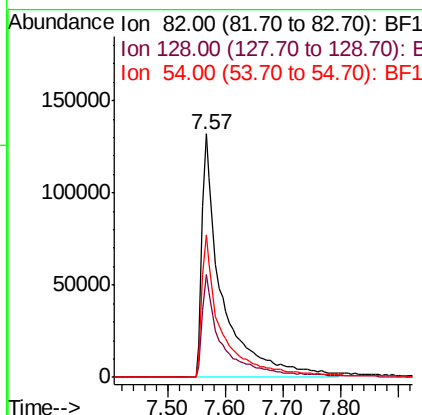
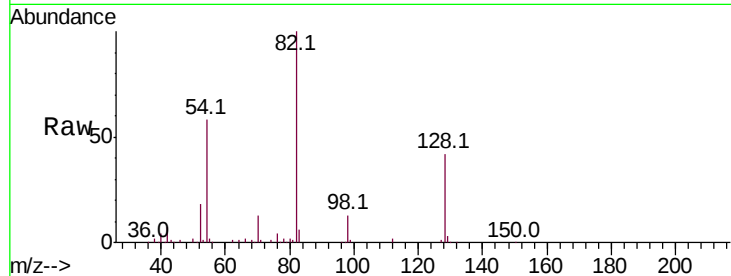




#23
Nitrobenzene-d5
Concen: 49.915 ng
RT: 7.57 min Scan# 889
Delta R.T. -0.01 min
Lab File: BF108657.D
Acq: 30 Aug 2018 23:00

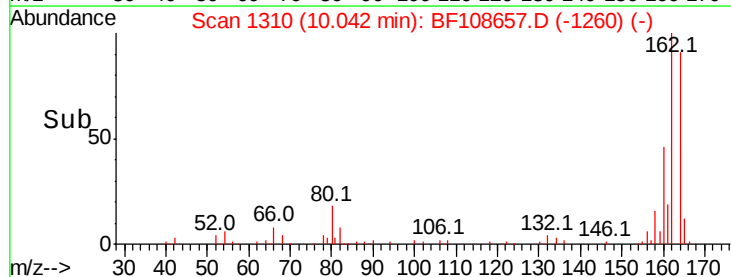
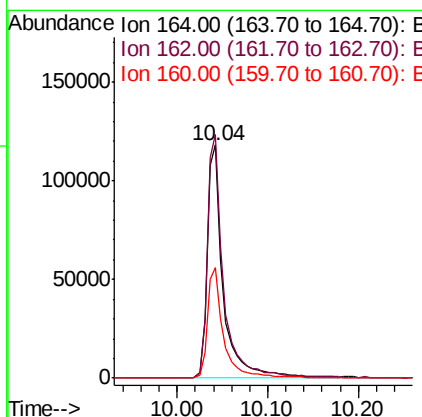
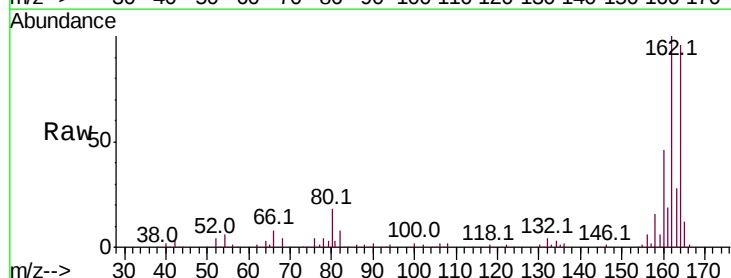
Instrument :
BNA_F
ClientSampleId :
CG-SOIL-2

Tot Ion: 82 Resp: 325073
Ion Ratio Lower Upper
82 100
128 42.1 36.1 54.1
54 58.4 41.4 62.2



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.04 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BF108657.D
Acq: 30 Aug 2018 23:00

Tgt Ion:164 Resp: 148079
Ion Ratio Lower Upper
164 100
162 104.5 86.1 129.1
160 47.7 38.3 57.5

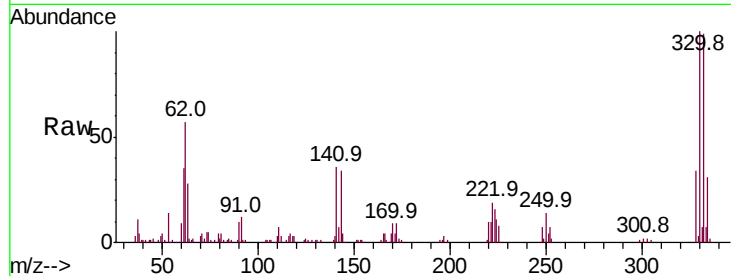




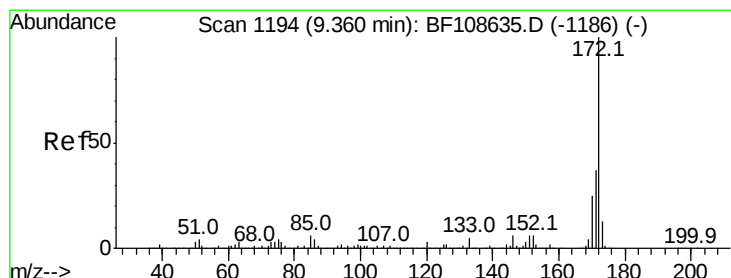
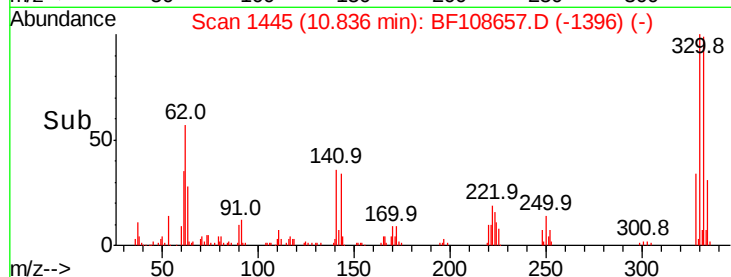
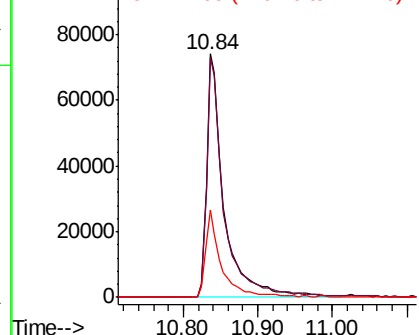
#41
 2,4,6-Tribromophenol
 Concen: 62.117 ng
 RT: 10.84 min Scan# 1445
 Delta R.T. -0.01 min
 Lab File: BF108657.D
 Acq: 30 Aug 2018 23:00

Instrument :
 BNA_F
 ClientSampleId :
 CG-SOIL-2

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.0	115.6
141	32.6	29.9	44.9

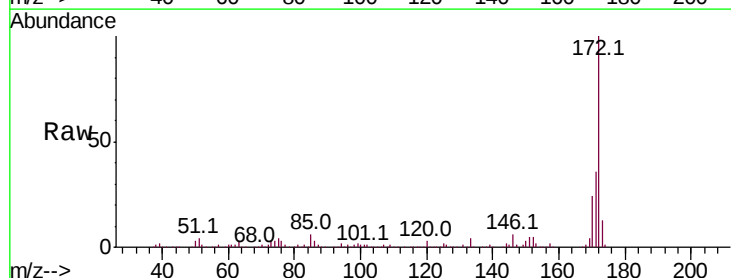


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

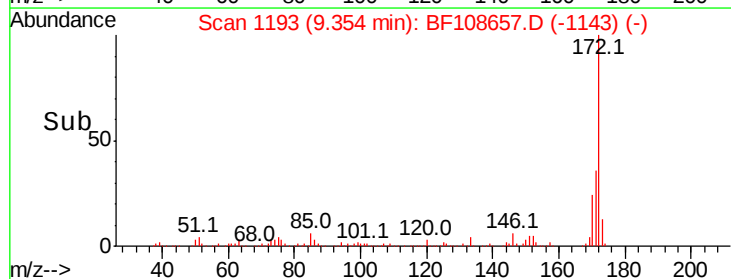
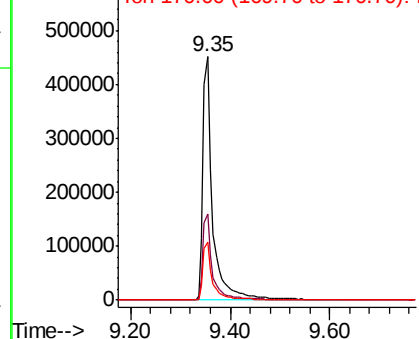


#44
 2-Fluorobiphenyl
 Concen: 56.152 ng
 RT: 9.35 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: BF108657.D
 Acq: 30 Aug 2018 23:00

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	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

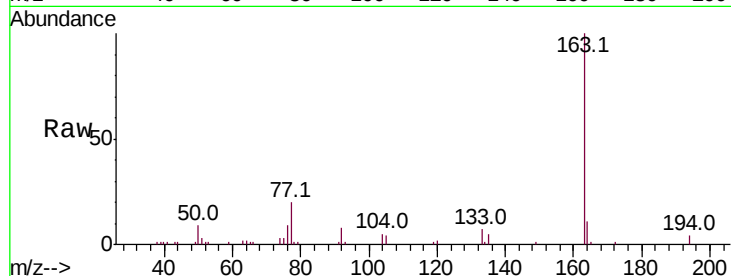




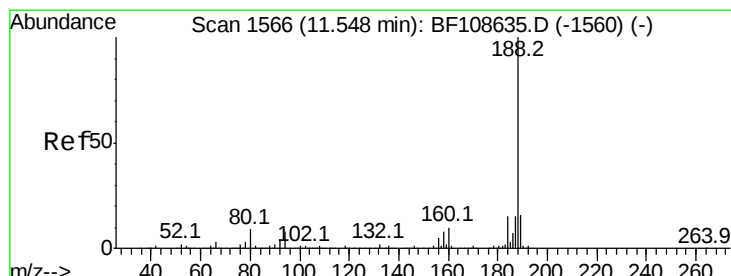
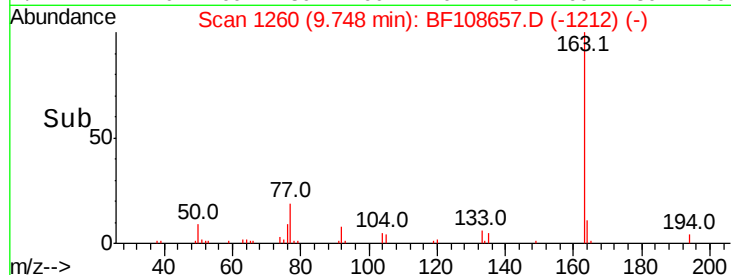
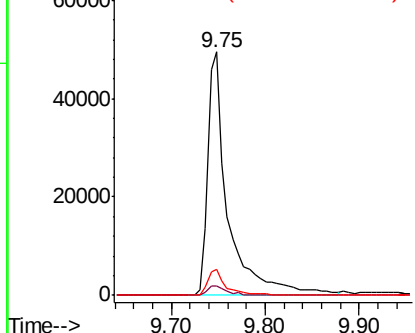
#49
 Dimethylphthalate
 Concen: 6.454 ng
 RT: 9.75 min Scan# 1260
 Delta R.T. -0.02 min
 Lab File: BF108657.D
 Acq: 30 Aug 2018 23:00

Instrument :
 BNA_F
 ClientSampled :
 CG-SOIL-2

Tot Ion:163 Resp: 75254
 Ion Ratio Lower Upper
 163 100
 194 3.9 2.7 4.1
 164 10.5 8.2 12.2

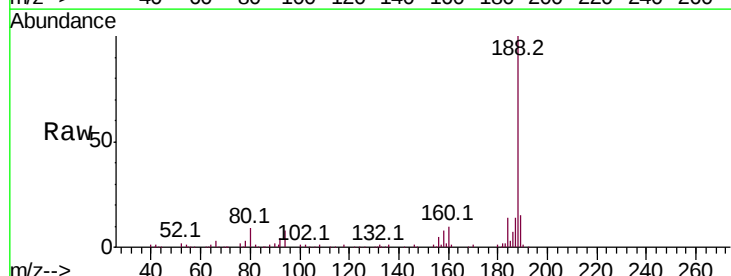


Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

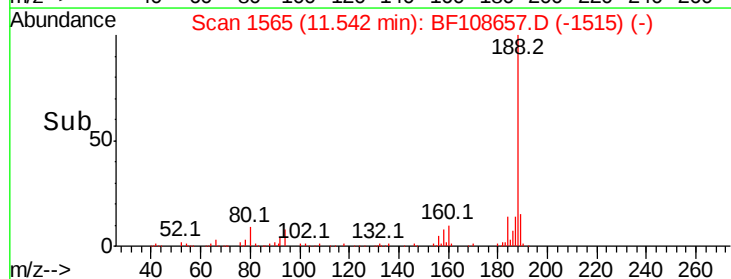
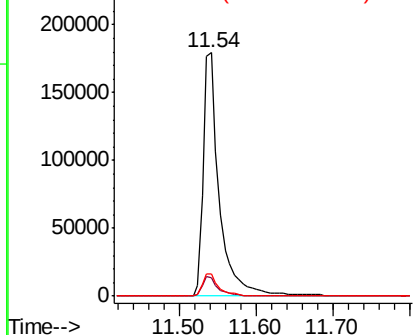


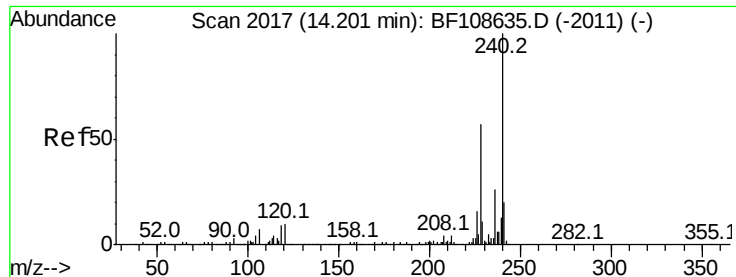
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.54 min Scan# 1565
 Delta R.T. -0.01 min
 Lab File: BF108657.D
 Acq: 30 Aug 2018 23:00

Tgt Ion:188 Resp: 263567
 Ion Ratio Lower Upper
 188 100
 94 7.8 8.5 12.7#
 80 8.9 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: 14.19 min Scan# 2016

Delta R.T. -0.01 min

Lab File: BF108657.D

Acq: 30 Aug 2018 23:00

Instrument :

BNA_F

ClientSampleId :

CG-SOIL-2

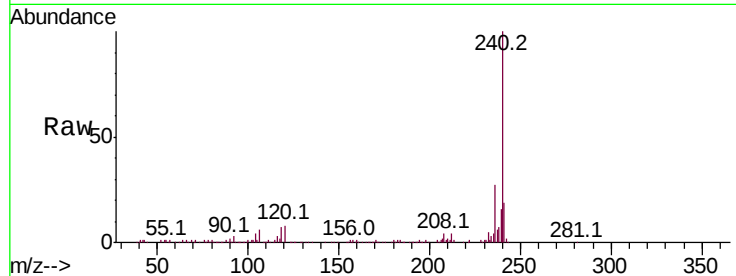
Tot Ion:240 Resp: 272323

Ion Ratio Lower Upper

240 100

120 8.4 9.5 14.3#

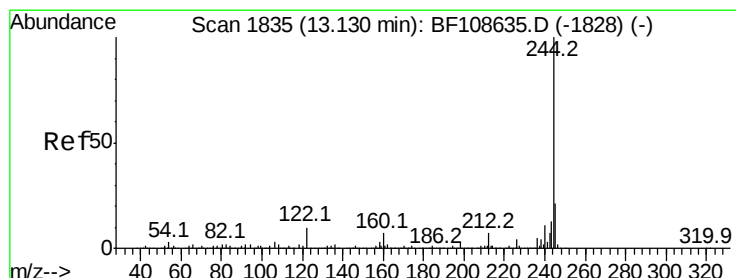
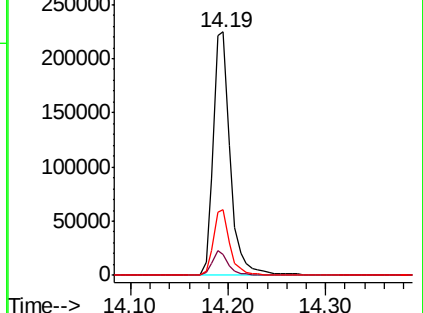
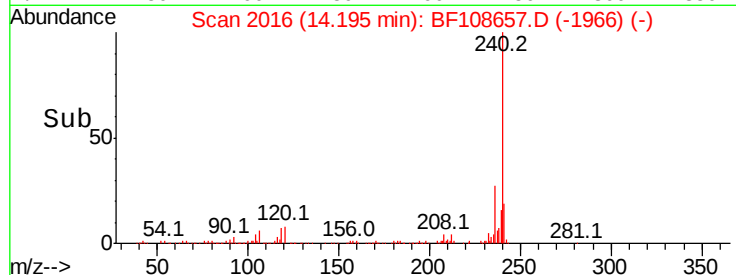
236 27.2 20.7 31.1



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



#78

Terphenyl-d14

Concen: 41.663 ng

RT: 13.12 min Scan# 1833

Delta R.T. -0.01 min

Lab File: BF108657.D

Acq: 30 Aug 2018 23:00

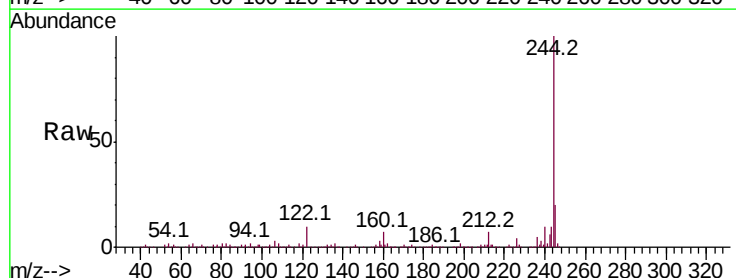
Tgt Ion:244 Resp: 583948

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

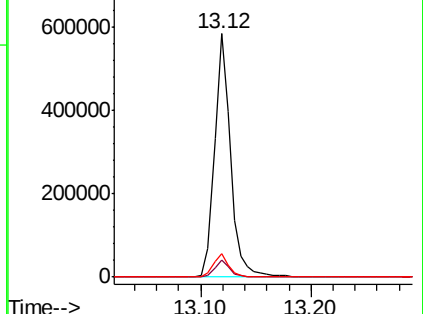
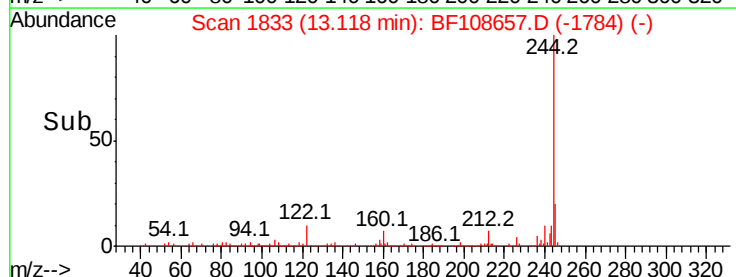
122 9.6 11.0 16.4#

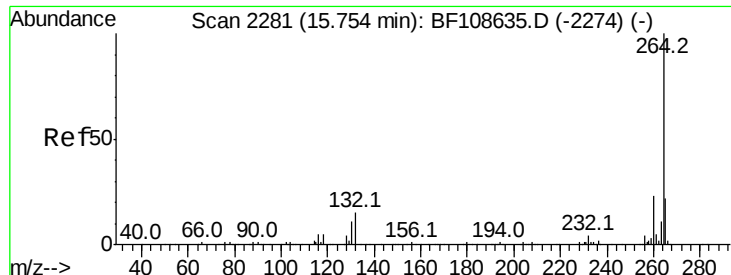


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

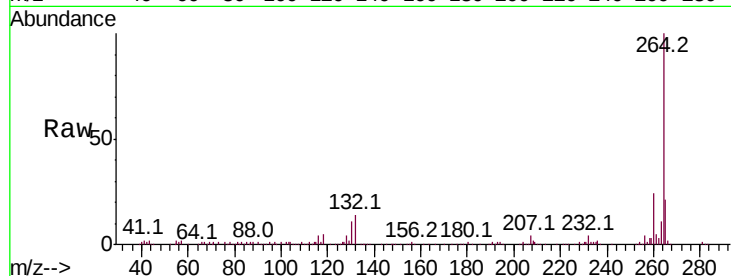




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.75 min Scan# 2280
Delta R.T. -0.01 min
Lab File: BF108657.D
Acq: 30 Aug 2018 23:00

Instrument :
BNA_F
ClientSampleId :
CG-SOIL-2

Tot Ion:	264	Resp:	226348
Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	21.1	17.5	26.3



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

