

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083018\
 Data File : BF108654.D
 Acq On : 30 Aug 2018 21:39
 Operator : JU/SJ
 Sample : J4699-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CG-SOIL-1

Quant Time: Aug 31 02:32:17 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

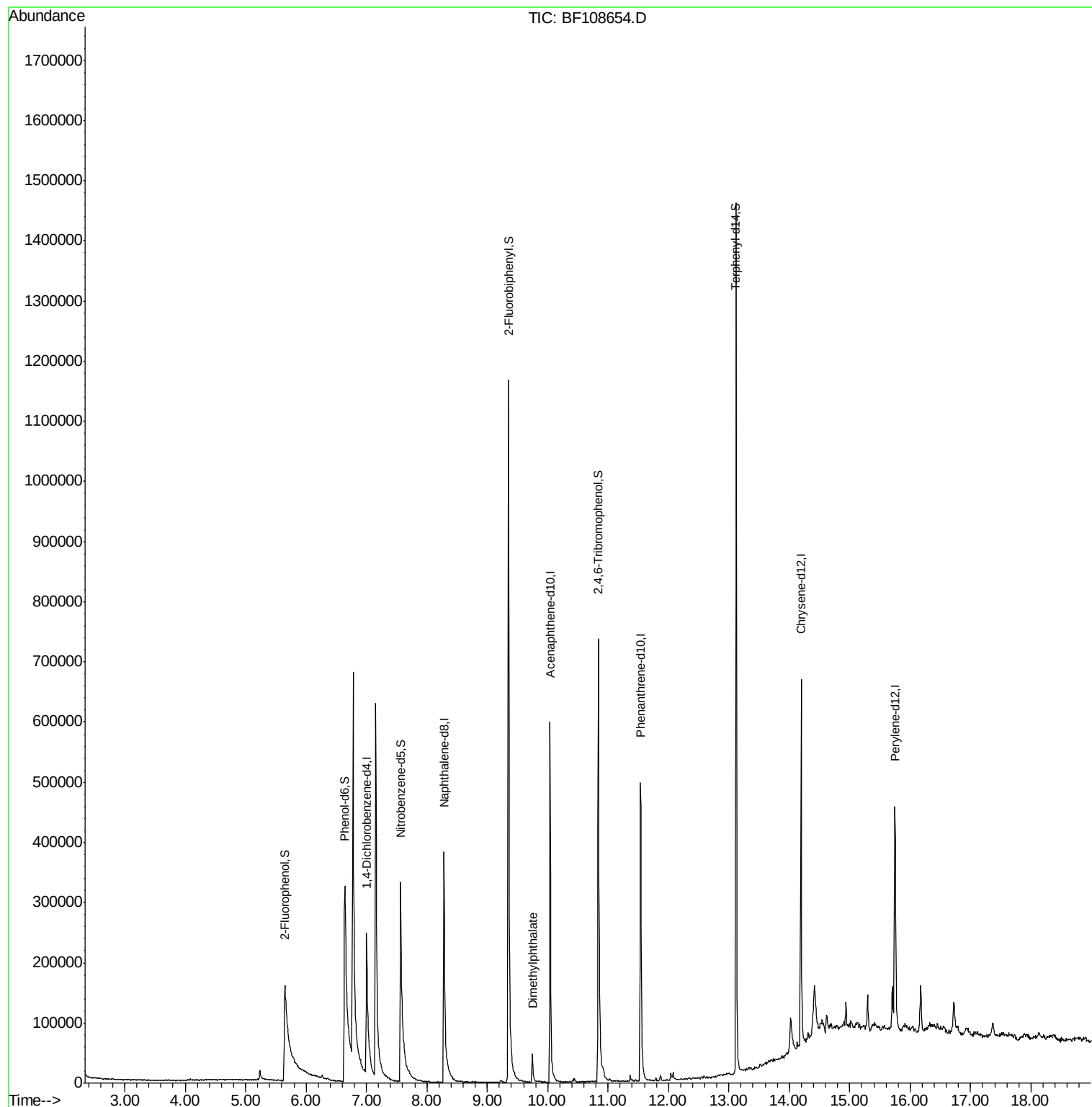
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.01	152	79900	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	337966	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	156398	20.00	ng	0.00
63) Phenanthrene-d10	11.54	188	277060	20.00	ng	-0.01
75) Chrysene-d12	14.19	240	265650	20.00	ng	0.00
86) Perylene-d12	15.75	264	218014	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	234545	51.00	ng	0.00
7) Phenol-d6	6.64	99	405340	61.53	ng	0.00
23) Nitrobenzene-d5	7.57	82	284788	42.77	ng	0.00
41) 2,4,6-Tribromophenol	10.84	330	140041	67.83	ng	-0.01
44) 2-Fluorobiphenyl	9.35	172	537621	46.22	ng	0.00
78) Terphenyl-d14	13.12	244	567599	41.51	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	9.75	163	37544	3.048	ng	# 98

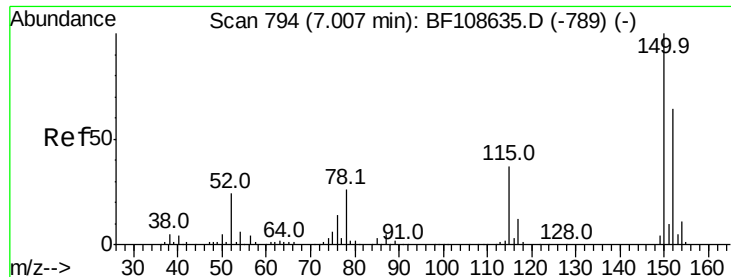
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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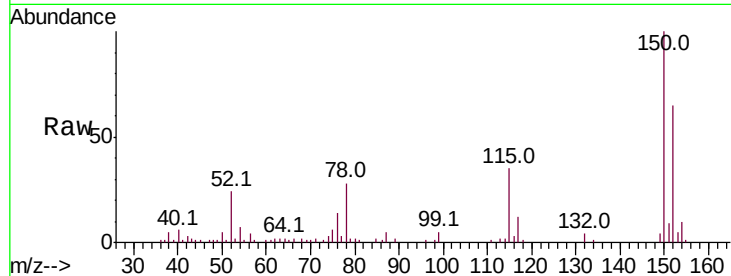


#1

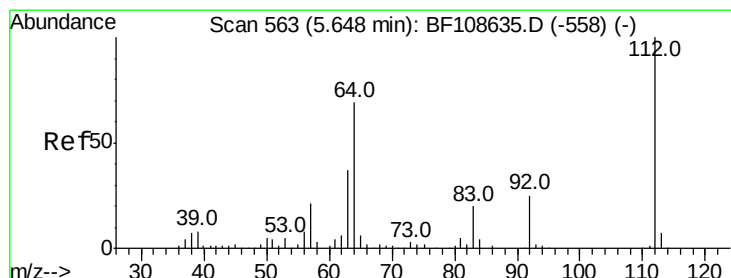
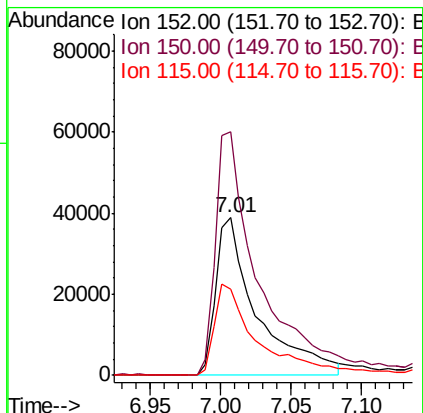
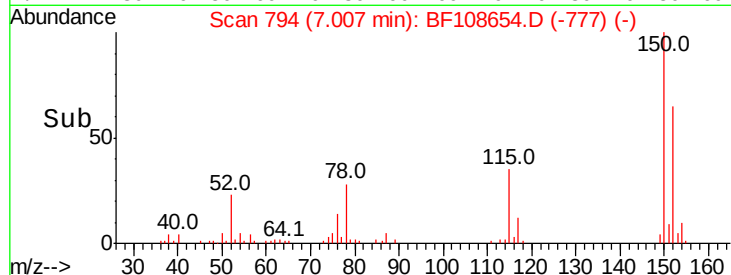
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.01 min Scan# 794
Delta R.T. -0.00 min
Lab File: BF108654.D
Acq: 30 Aug 2018 21:39

Instrument :
BNA_F
ClientSampleId :
CG-SOIL-1

Tot Ion:152 Resp: 79900
Ion Ratio Lower Upper
152 100
150 154.7 124.6 186.8
115 54.8 50.1 75.1



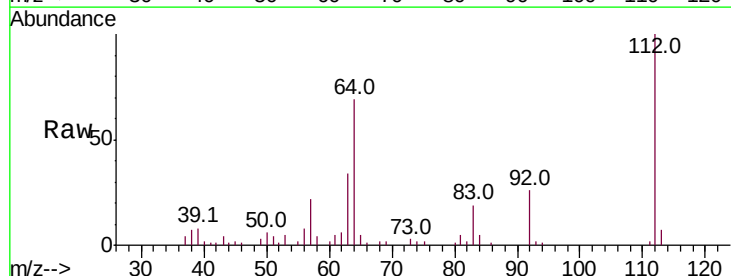
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



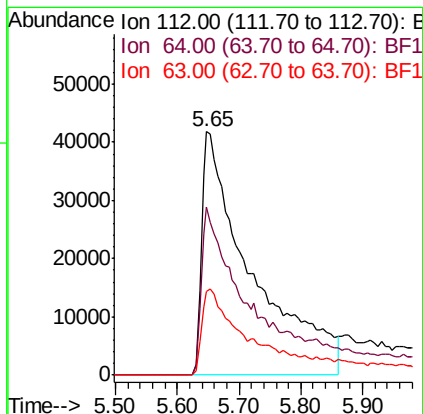
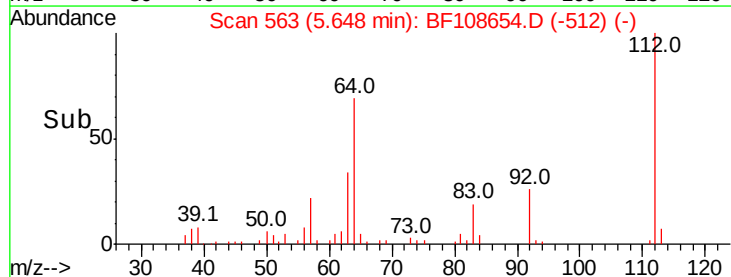
#5

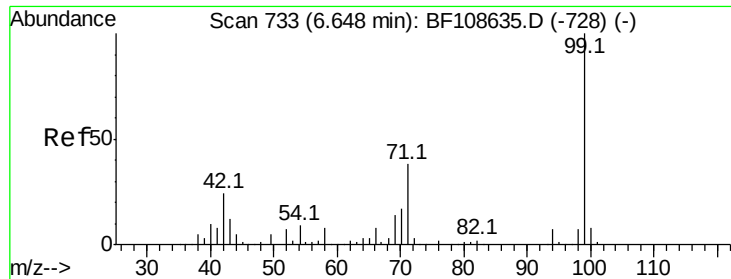
2-Fluorophenol
Concen: 50.995 ng
RT: 5.65 min Scan# 563
Delta R.T. 0.00 min
Lab File: BF108654.D
Acq: 30 Aug 2018 21:39

Tgt Ion:112 Resp: 234545
Ion Ratio Lower Upper
112 100
64 68.8 47.9 71.9
63 34.3 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 61.532 ng

RT: 6.64 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF108654.D

Acq: 30 Aug 2018 21:39

Instrument :

BNA_F

ClientSampled :

CG-SOIL-1

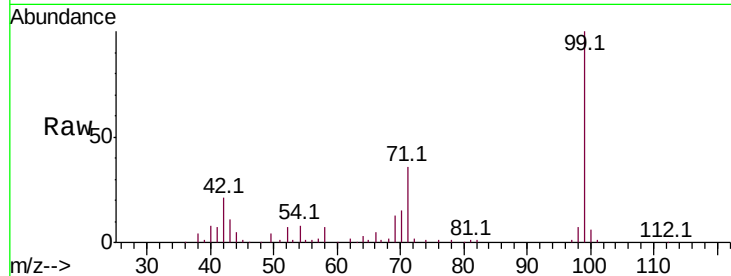
Tot Ion: 99 Resp: 405340

Ion Ratio Lower Upper

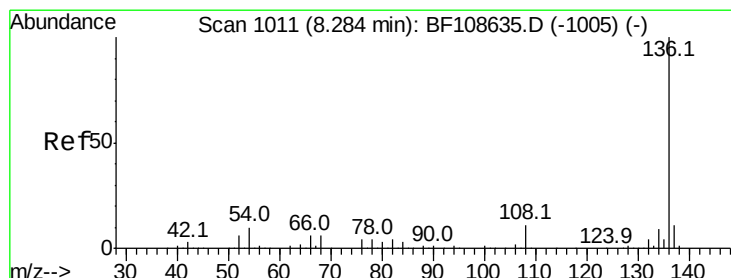
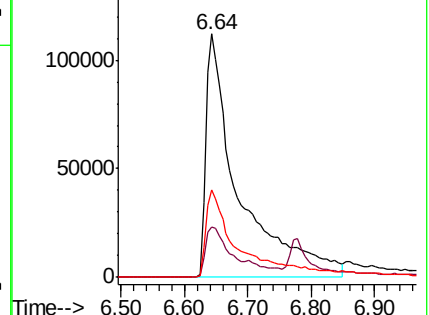
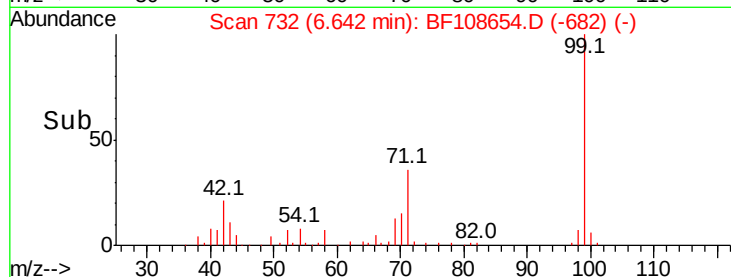
99 100

42 20.8 14.5 21.7

71 35.9 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: BF108654.D

Acq: 30 Aug 2018 21:39

Tgt Ion: 136 Resp: 337966

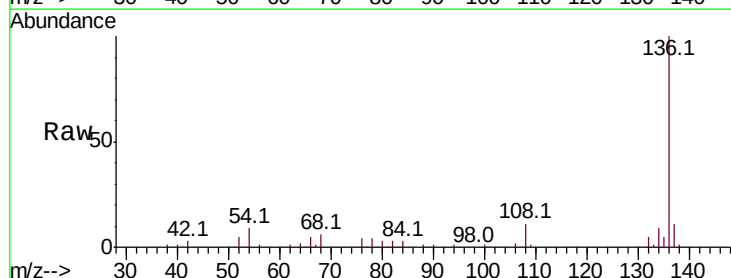
Ion Ratio Lower Upper

136 100

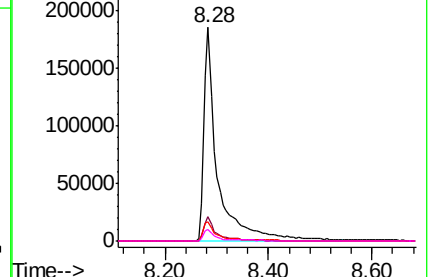
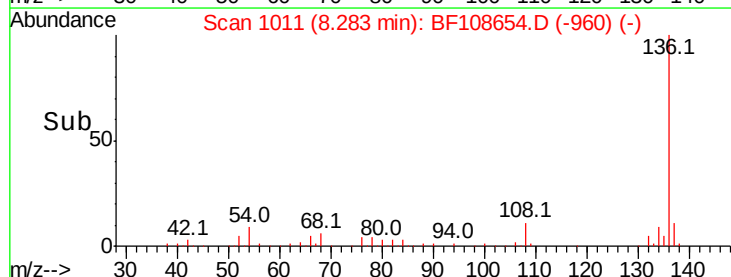
137 11.2 8.9 13.3

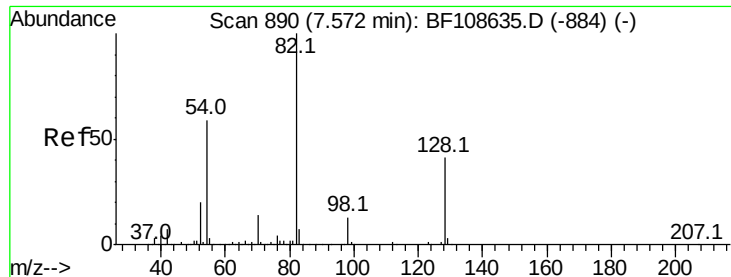
54 9.0 6.6 9.8

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

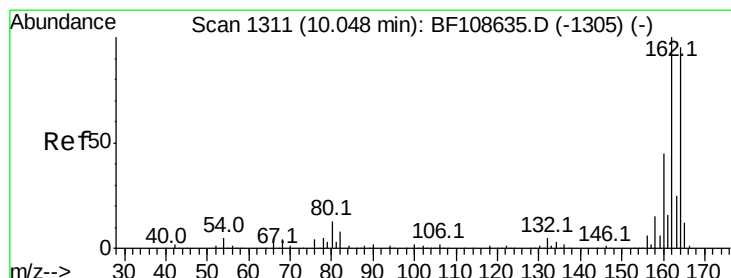
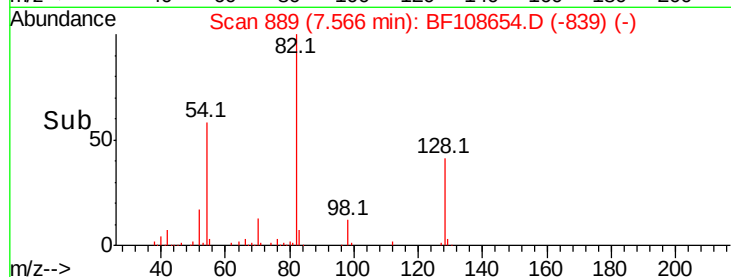
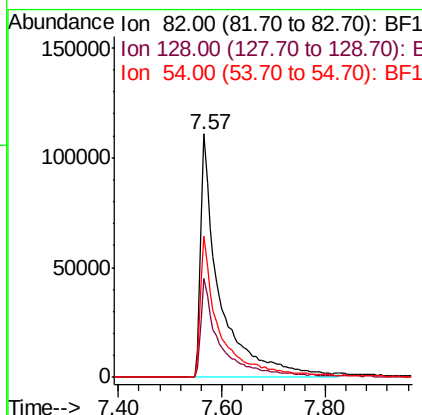
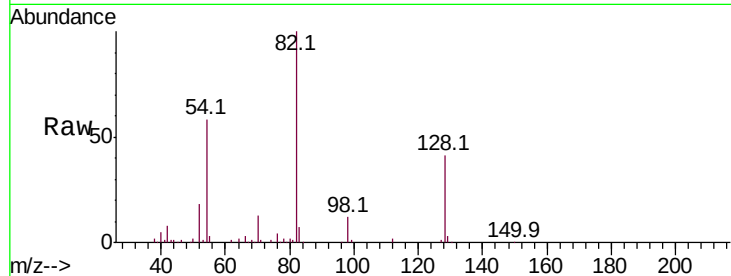




#23
 Nitrobenzene-d5
 Concen: 42.772 ng
 RT: 7.57 min Scan# 889
 Delta R.T. -0.01 min
 Lab File: BF108654.D
 Acq: 30 Aug 2018 21:39

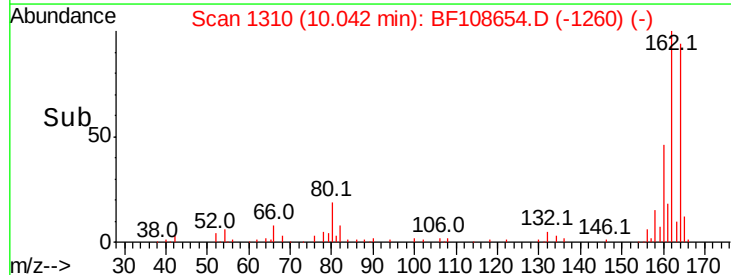
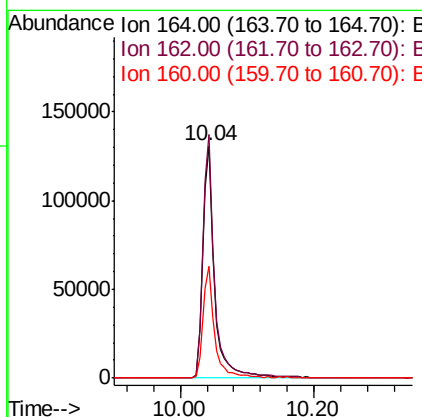
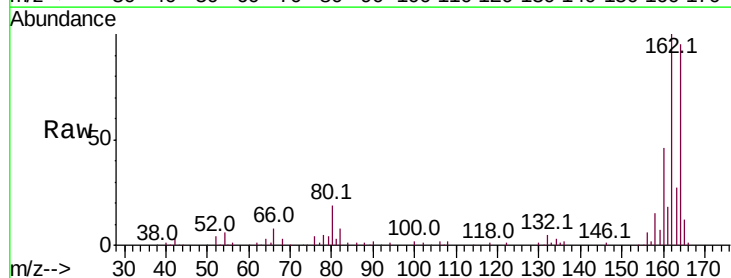
Instrument :
 BNA_F
 ClientSampleID :
 CG-SOIL-1

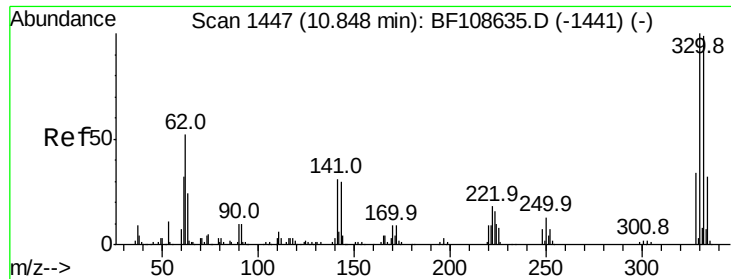
Tot Ion	82	Resp	284788
Ion Ratio	Lower	Upper	
82	100		
128	40.9	36.1	54.1
54	58.1	41.4	62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.04 min Scan# 1310
 Delta R.T. -0.01 min
 Lab File: BF108654.D
 Acq: 30 Aug 2018 21:39

Tgt Ion	164	Resp	156398
Ion Ratio	Lower	Upper	
164	100		
162	104.8	86.1	129.1
160	47.8	38.3	57.5

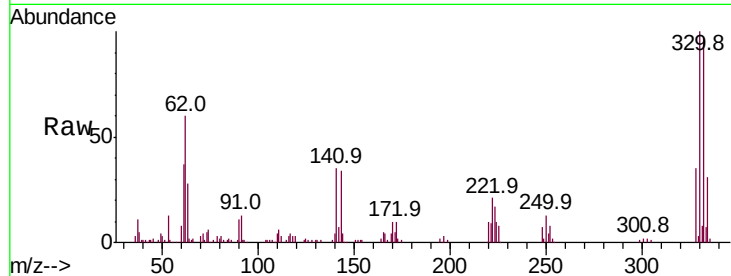




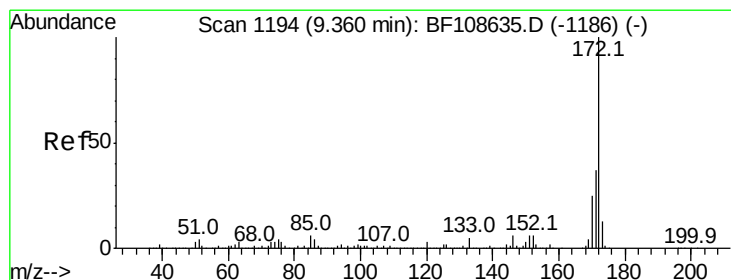
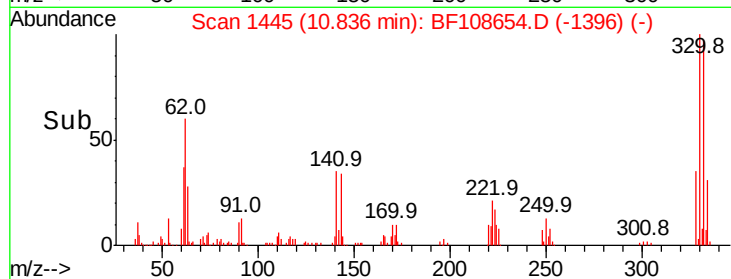
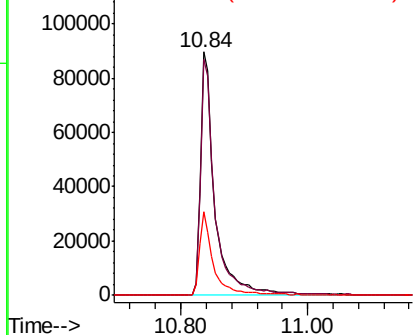
#41
 2,4,6-Tribromophenol
 Concen: 67.828 ng
 RT: 10.84 min Scan# 1445
 Delta R.T. -0.01 min
 Lab File: BF108654.D
 Acq: 30 Aug 2018 21:39

Instrument :
 BNA_F
 ClientSampleId :
 CG-SOIL-1

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.0	115.6
141	32.2	29.9	44.9

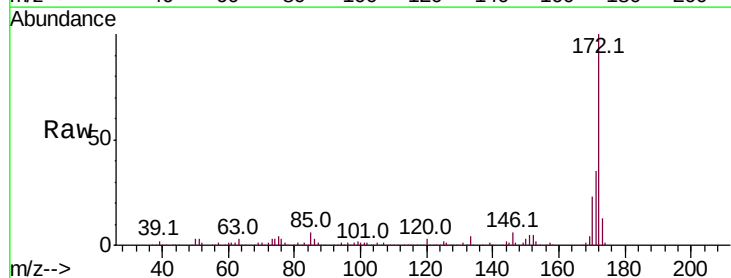


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

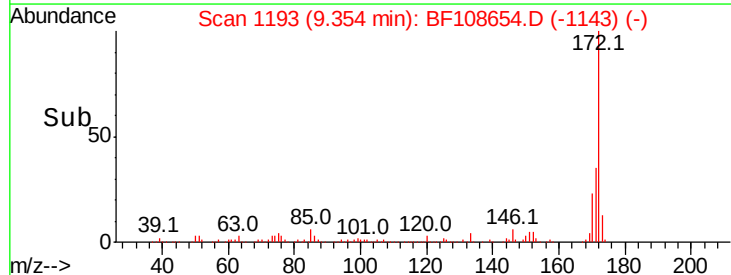
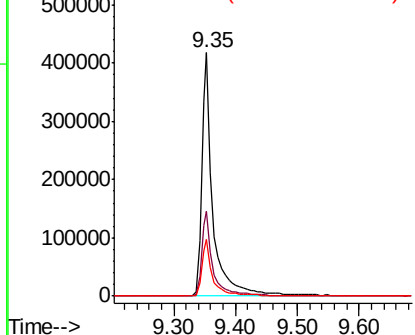


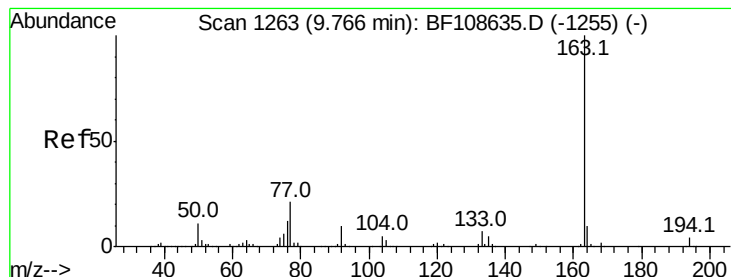
#44
 2-Fluorobiphenyl
 Concen: 46.220 ng
 RT: 9.35 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: BF108654.D
 Acq: 30 Aug 2018 21:39

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.0	29.7	44.5
170	23.3	19.6	29.4



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





#49

Dimethylphthalate

Concen: 3.048 ng

RT: 9.75 min Scan# 1260

Delta R.T. -0.02 min

Lab File: BF108654.D

Acq: 30 Aug 2018 21:39

Instrument :

BNA_F

ClientSampleId :

CG-SOIL-1

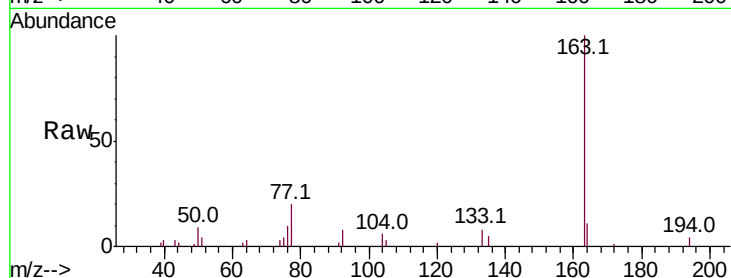
Tot Ion:163 Resp: 37544

Ion Ratio Lower Upper

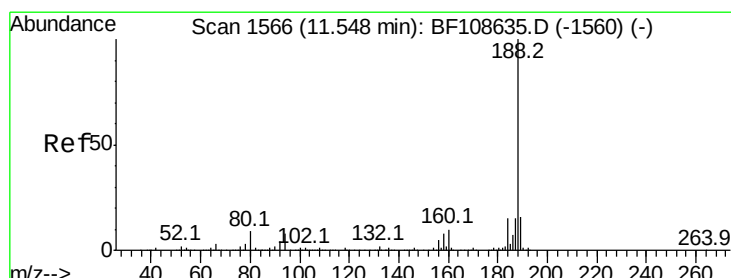
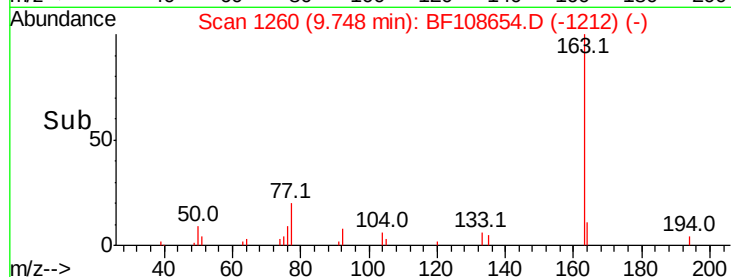
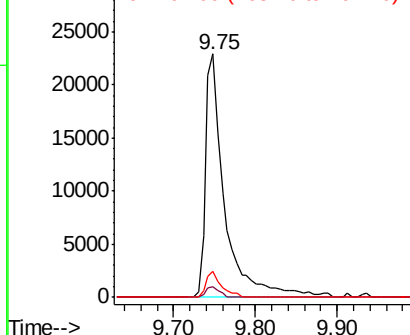
163 100

194 4.4 2.7 4.1#

164 10.8 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



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.54 min Scan# 1564

Delta R.T. -0.01 min

Lab File: BF108654.D

Acq: 30 Aug 2018 21:39

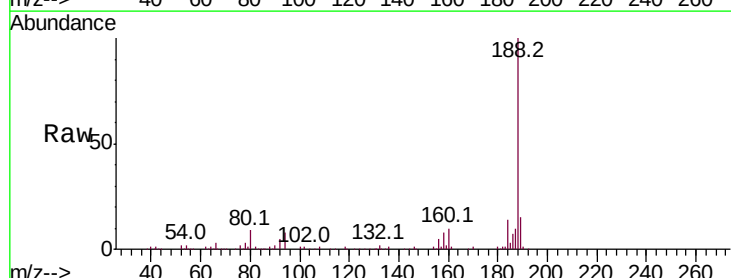
Tgt Ion:188 Resp: 277060

Ion Ratio Lower Upper

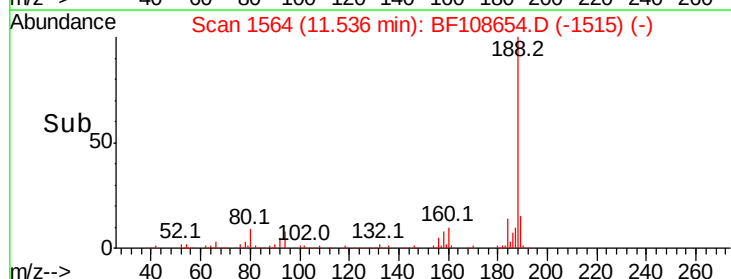
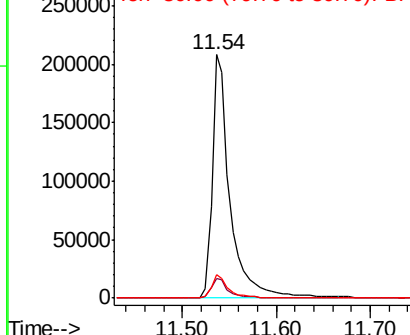
188 100

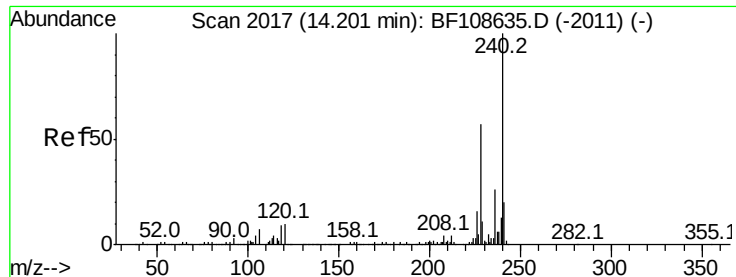
94 8.1 8.5 12.7#

80 9.4 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: BF108654.D

Acq: 30 Aug 2018 21:39

Instrument :

BNA_F

ClientSampleId :

CG-SOIL-1

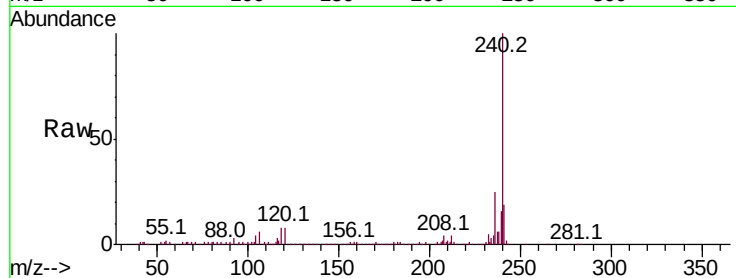
Tot Ion:240 Resp: 265650

Ion Ratio Lower Upper

240 100

120 7.9 9.5 14.3#

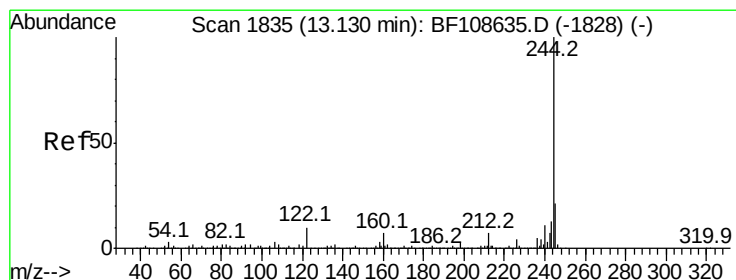
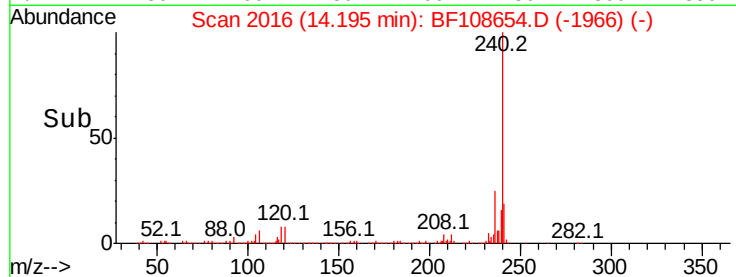
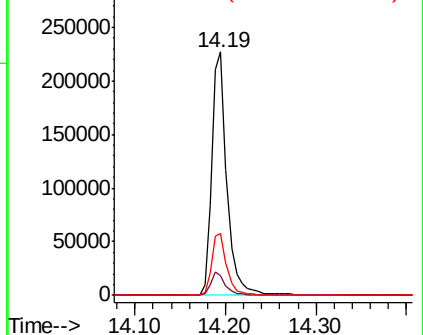
236 25.5 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78

Terphenyl-d14

Concen: 41.514 ng

RT: 13.12 min Scan# 1833

Delta R.T. -0.01 min

Lab File: BF108654.D

Acq: 30 Aug 2018 21:39

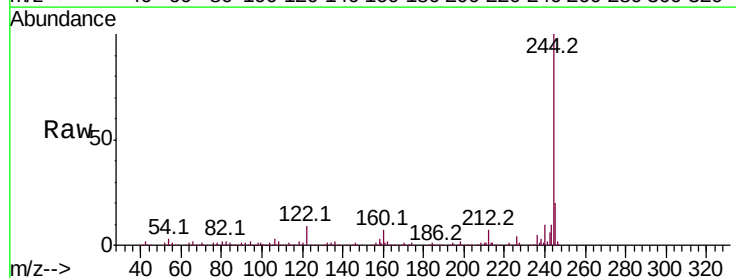
Tgt Ion:244 Resp: 567599

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

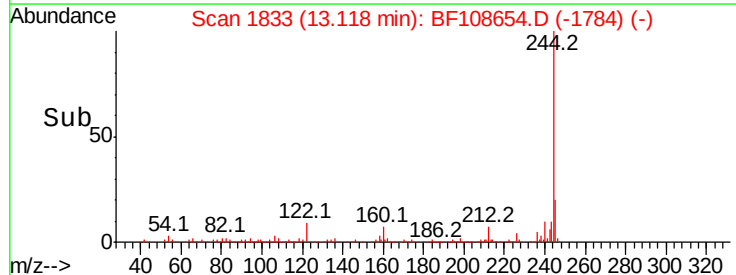
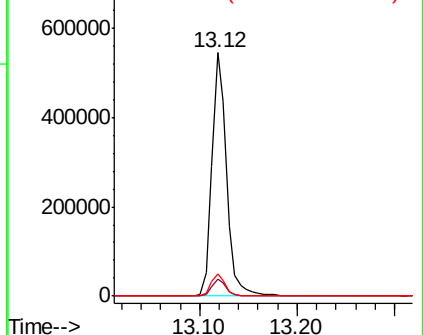
122 9.1 11.0 16.4#

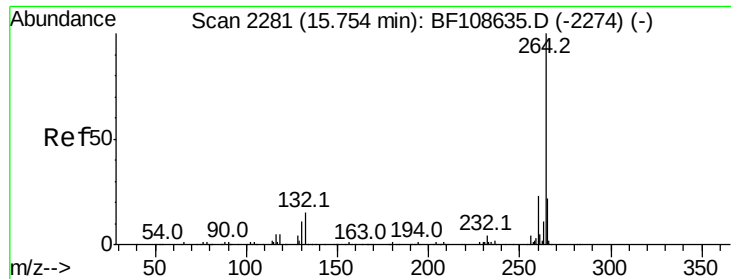


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF108654.D
 Acq: 30 Aug 2018 21:39

Instrument :
 BNA_F
 ClientSampleId :
 CG-SOIL-1

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	21.1	17.5	26.3

