

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091118\
 Data File : BF108940.D
 Acq On : 11 Sep 2018 17:30
 Operator : JU/SJ
 Sample : J4842-01 5X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SG-SOIL

Quant Time: Sep 11 18:29:05 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF090518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 05 18:03:31 2018
 Response via : Initial Calibration

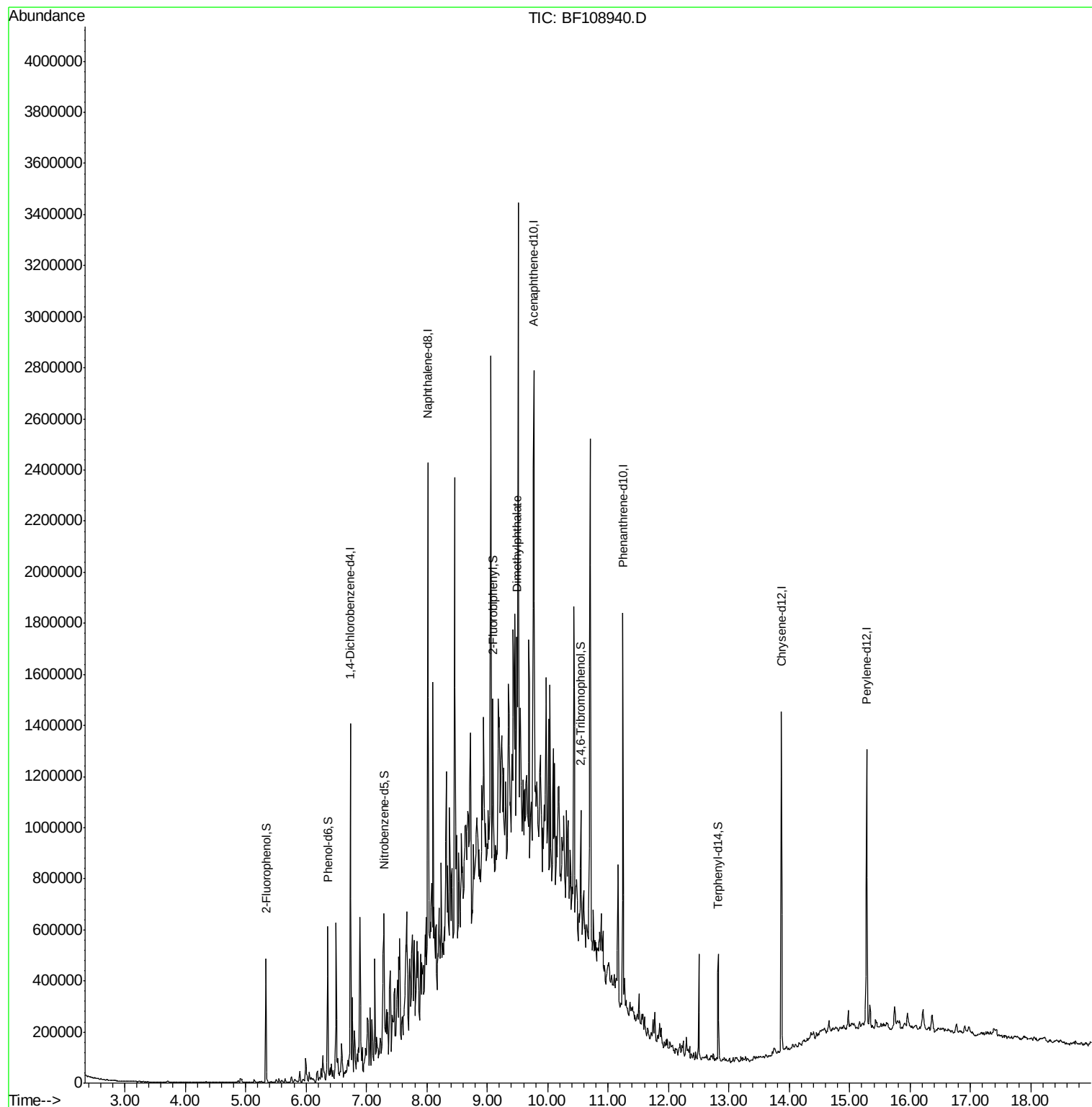
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	173874	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	643736	20.00	ng	0.00
38) Acenaphthene-d10	9.77	164	302357	20.00	ng	0.00
63) Phenanthrene-d10	11.25	188	552645	20.00	ng	0.00
75) Chrysene-d12	13.87	240	440606	20.00	ng	0.00
86) Perylene-d12	15.28	264	476063	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	131649	12.54	ng	0.00
7) Phenol-d6	6.36	99	176570	13.08	ng	0.00
23) Nitrobenzene-d5	7.29	82	110479	10.74	ng	-0.01
41) 2,4,6-Tribromophenol	10.55	330	32626	11.30	ng	0.00
44) 2-Fluorobiphenyl	9.10	172	166500	9.39	ng	0.00
78) Terphenyl-d14	12.82	244	129465	6.85	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.48	163	57797	2.733	ng	Qvalue # 88

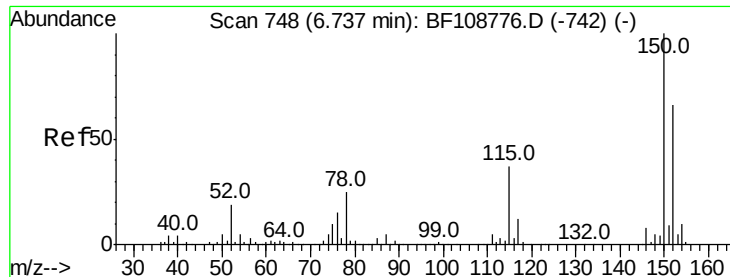
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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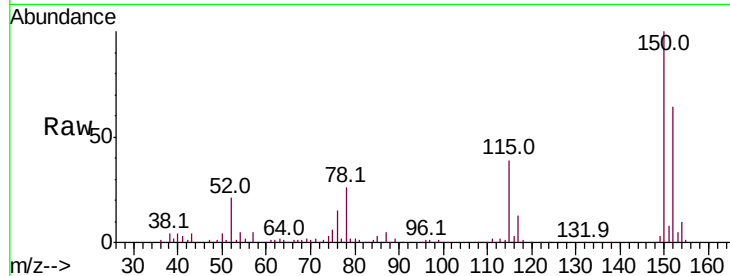


#1

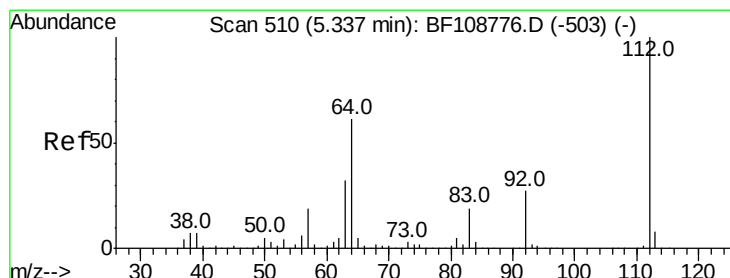
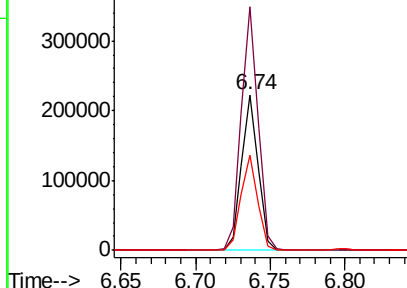
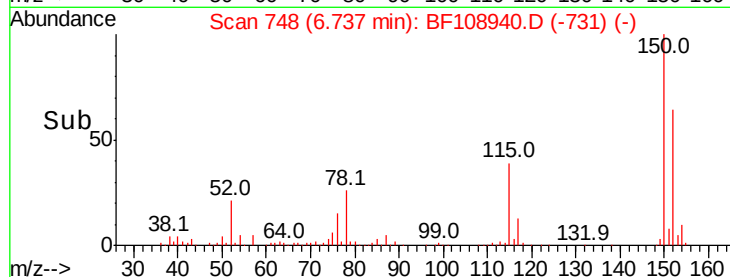
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 748
Delta R.T. -0.00 min
Lab File: BF108940.D
Acq: 11 Sep 2018 17:30

Instrument :
BNA_F
ClientSampleId :
SG-SOIL

Tot Ion:152 Resp: 173874
Ion Ratio Lower Upper
152 100
150 156.3 124.6 186.8
115 61.2 50.1 75.1



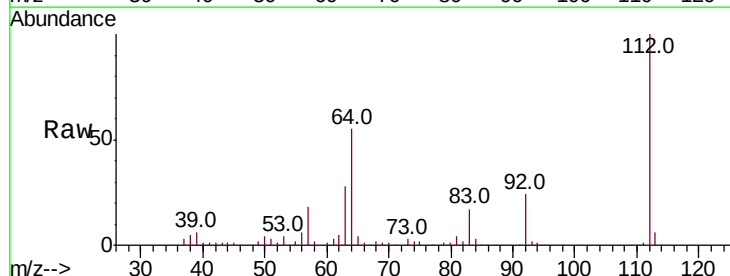
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



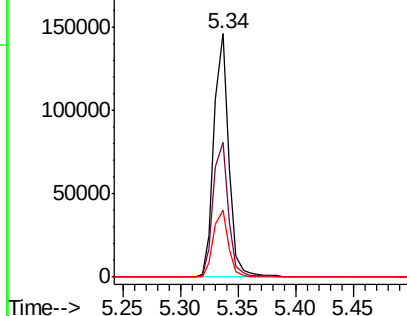
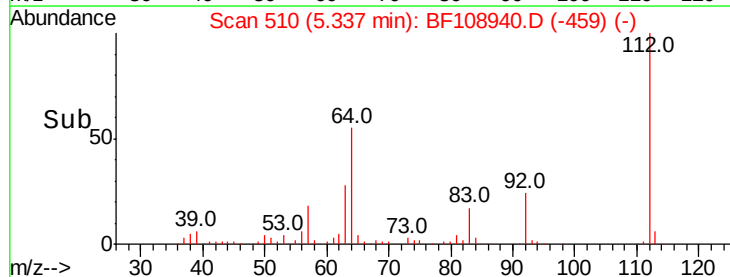
#5

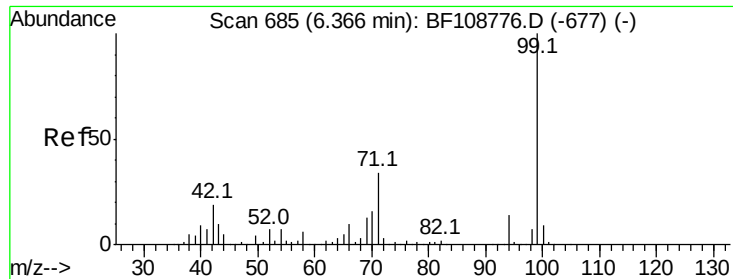
2-Fluorophenol
Concen: 12.543 ng
RT: 5.34 min Scan# 510
Delta R.T. 0.00 min
Lab File: BF108940.D
Acq: 11 Sep 2018 17:30

Tgt Ion:112 Resp: 131649
Ion Ratio Lower Upper
112 100
64 55.2 47.9 71.9
63 27.7 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: 13.075 ng

RT: 6.36 min Scan# 684

Delta R.T. -0.01 min

Lab File: BF108940.D

Acq: 11 Sep 2018 17:30

Instrument :

BNA_F

ClientSampleId :

SG-SOIL

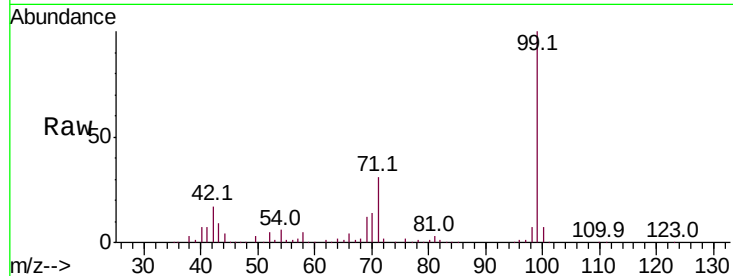
Tot Ion: 99 Resp: 176570

Ion Ratio Lower Upper

99 100

42 16.7 14.5 21.7

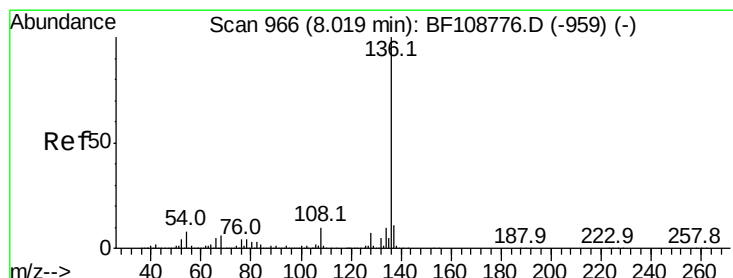
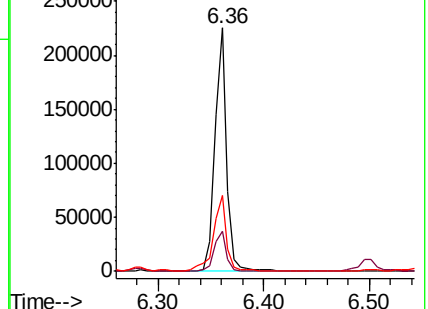
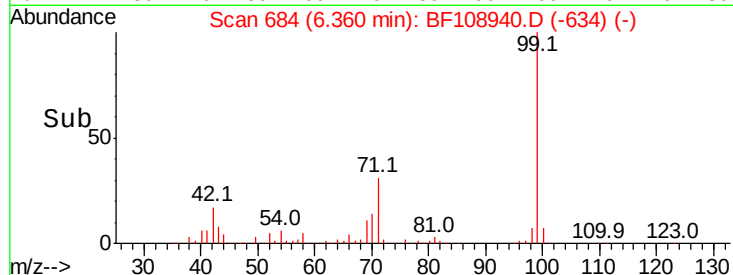
71 31.4 25.4 38.0



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: 8.02 min Scan# 966

Delta R.T. -0.00 min

Lab File: BF108940.D

Acq: 11 Sep 2018 17:30

Tgt Ion: 136 Resp: 643736

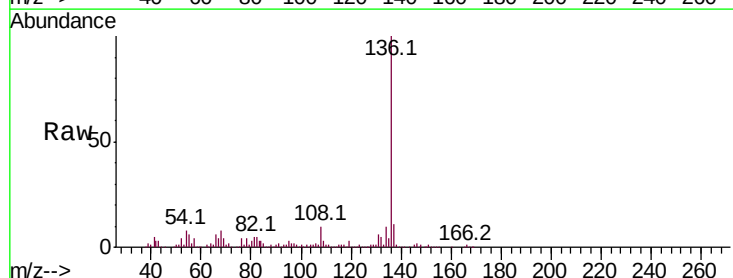
Ion Ratio Lower Upper

136 100

137 11.4 8.9 13.3

54 8.5 6.6 9.8

68 7.7 5.0 7.4#

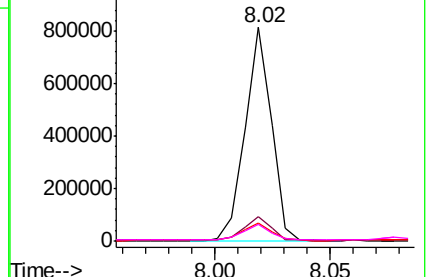
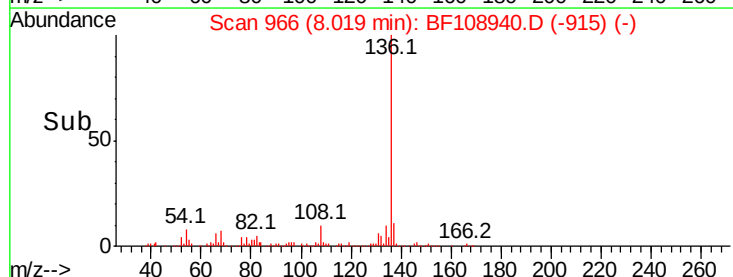


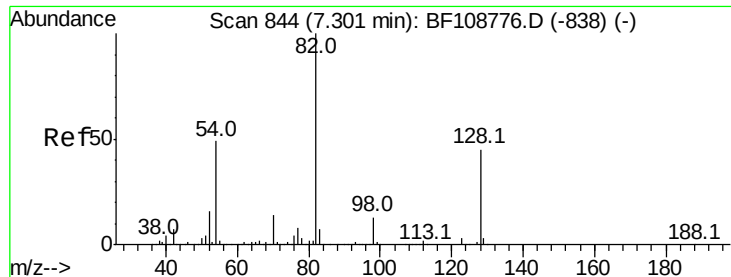
Abundance Ion 136.00 (135.70 to 136.70): E

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

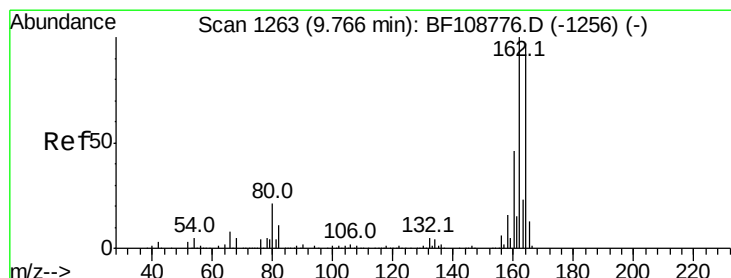
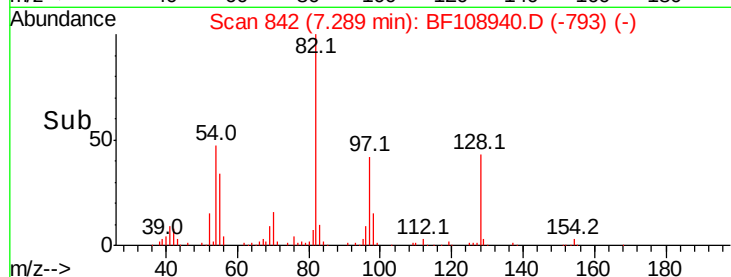
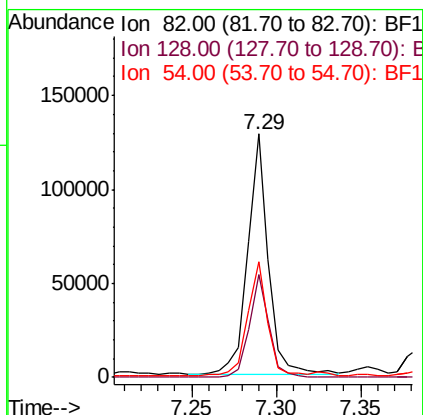
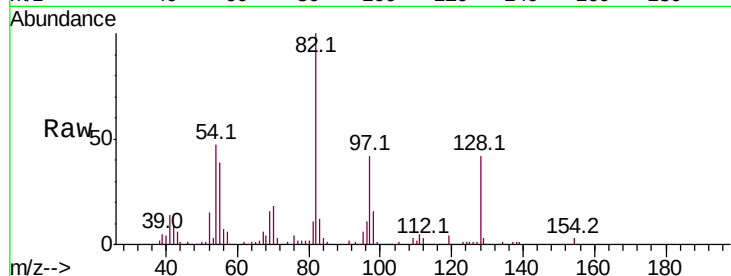




#23
Nitrobenzene-d5
Concen: 10.740 ng
RT: 7.29 min Scan# 842
Delta R.T. -0.01 min
Lab File: BF108940.D
Acq: 11 Sep 2018 17:30

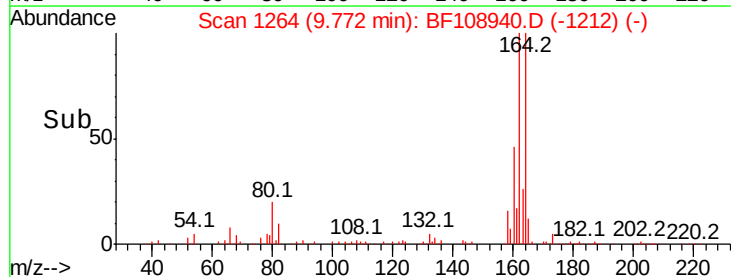
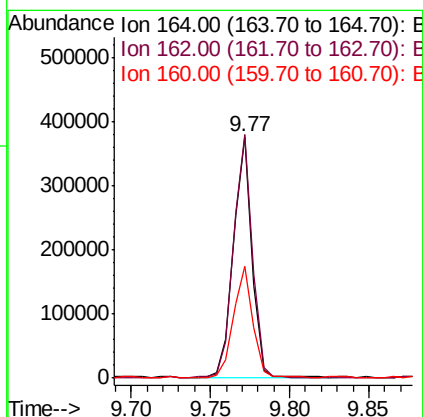
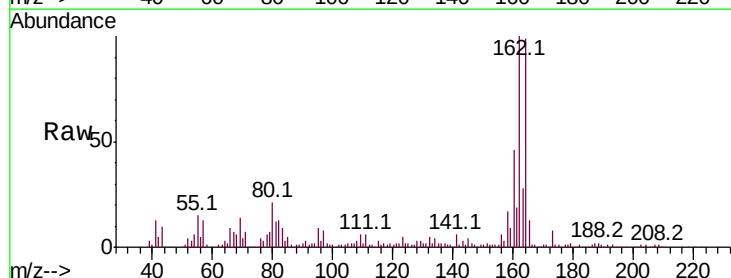
Instrument :
BNA_F
ClientSampleId :
SG-SOIL

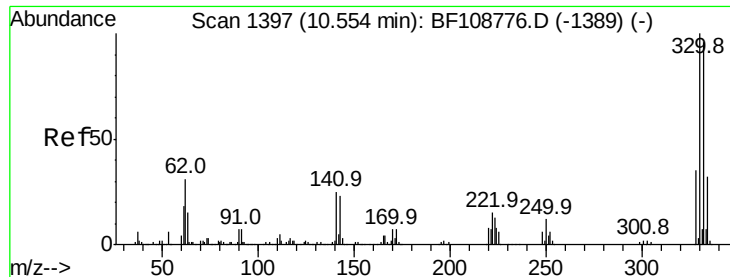
Tot Ion: 82 Resp: 110479
Ion Ratio Lower Upper
82 100
128 42.3 36.1 54.1
54 47.4 41.4 62.2



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.77 min Scan# 1264
Delta R.T. 0.01 min
Lab File: BF108940.D
Acq: 11 Sep 2018 17:30

Tgt Ion:164 Resp: 302357
Ion Ratio Lower Upper
164 100
162 100.9 86.1 129.1
160 46.5 38.3 57.5

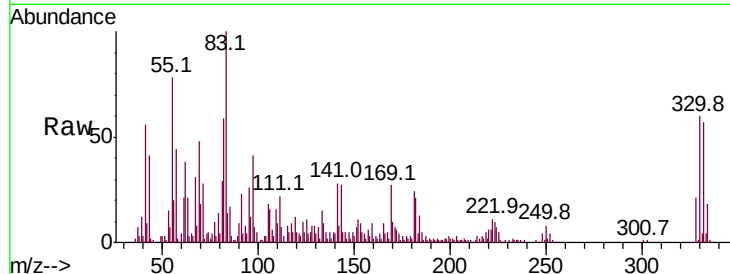




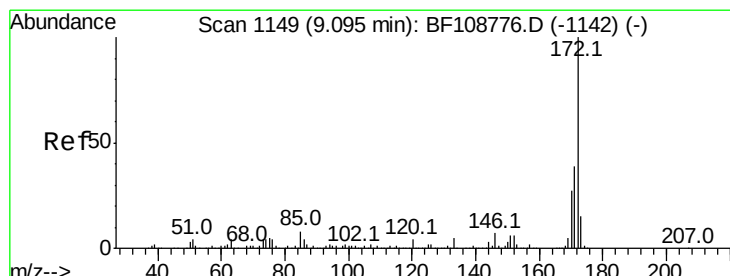
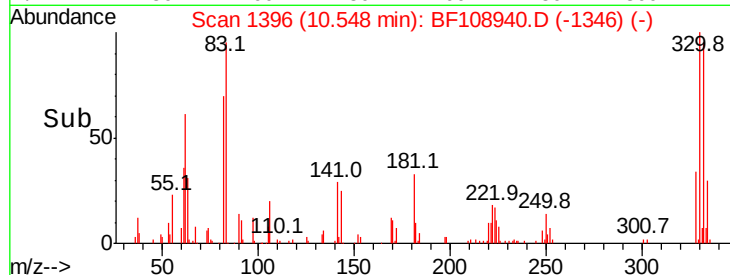
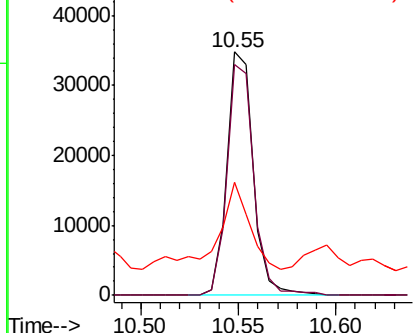
#41
 2,4,6-Tribromophenol
 Concen: 11.303 ng
 RT: 10.55 min Scan# 1396
 Delta R.T. -0.01 min
 Lab File: BF108940.D
 Acq: 11 Sep 2018 17:30

Instrument :
 BNA_F
 ClientSampleId :
 SG-SOIL

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.0	115.6
141	43.3	29.9	44.9

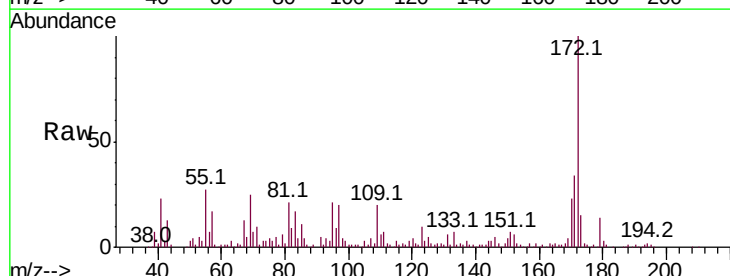


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

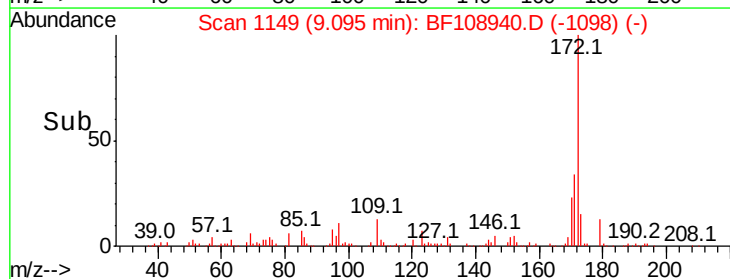
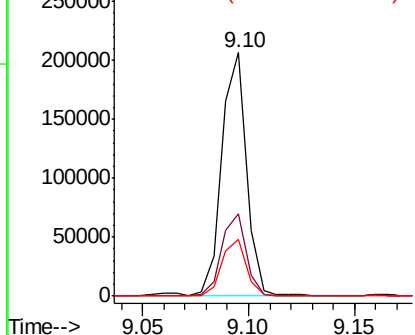


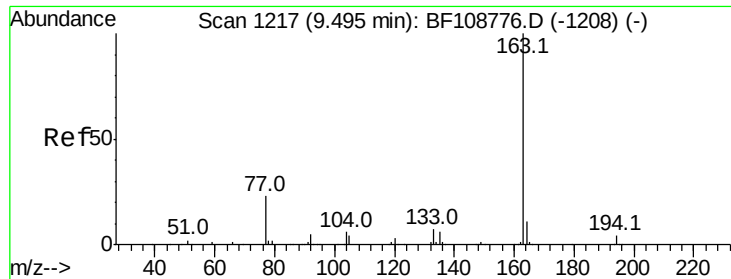
#44
 2-Fluorobiphenyl
 Concen: 9.394 ng
 RT: 9.10 min Scan# 1149
 Delta R.T. -0.00 min
 Lab File: BF108940.D
 Acq: 11 Sep 2018 17:30

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.1	29.7	44.5
170	23.2	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

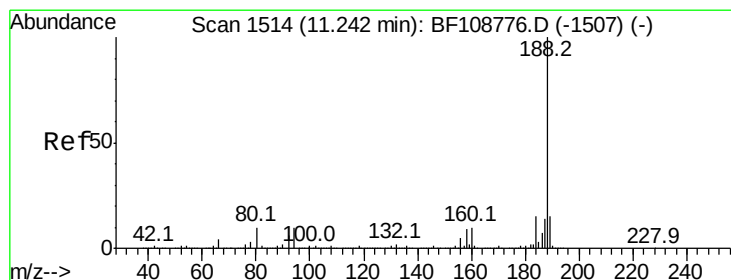
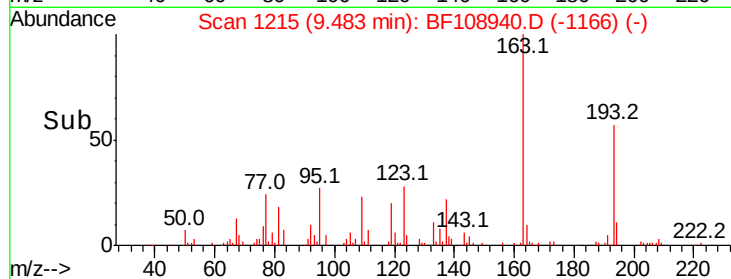
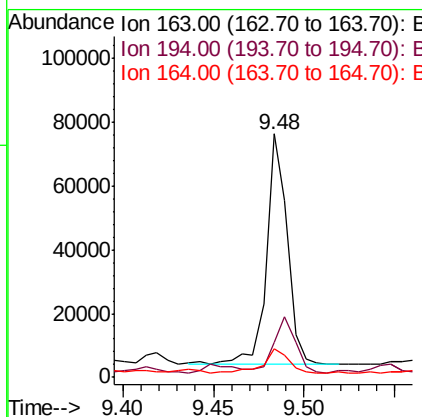
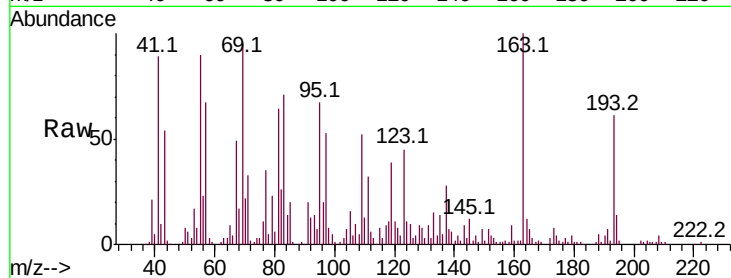




#49
 Dimethylphthalate
 Concen: 2.733 ng
 RT: 9.48 min Scan# 1215
 Delta R.T. -0.01 min
 Lab File: BF108940.D
 Acq: 11 Sep 2018 17:30

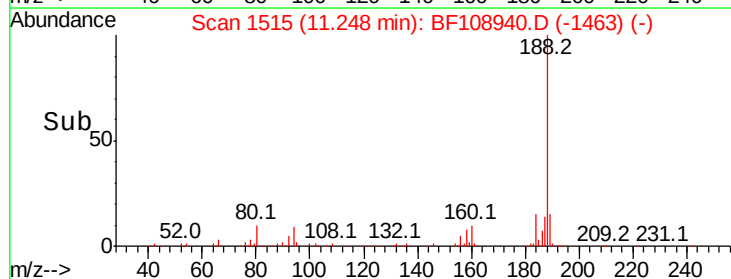
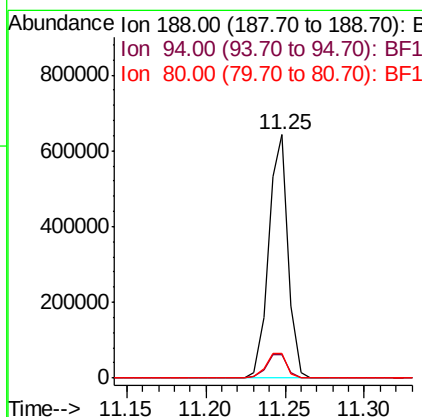
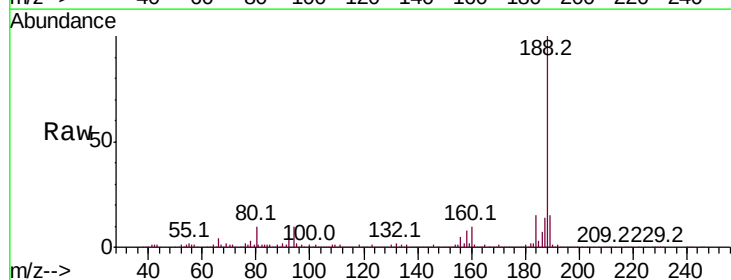
Instrument :
 BNA_F
 ClientSampled :
 SG-SOIL

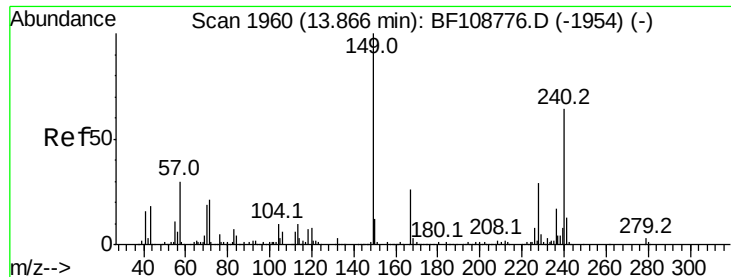
Tot Ion:163 Resp: 57797
 Ion Ratio Lower Upper
 163 100
 194 14.5 2.7 4.1#
 164 11.9 8.2 12.2



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.25 min Scan# 1515
 Delta R.T. 0.01 min
 Lab File: BF108940.D
 Acq: 11 Sep 2018 17:30

Tgt Ion:188 Resp: 552645
 Ion Ratio Lower Upper
 188 100
 94 9.6 8.5 12.7
 80 10.3 9.2 13.8





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.87 min Scan# 1961

Delta R.T. 0.01 min

Lab File: BF108940.D

Acq: 11 Sep 2018 17:30

Instrument :

BNA_F

ClientSampleId :

SG-SOIL

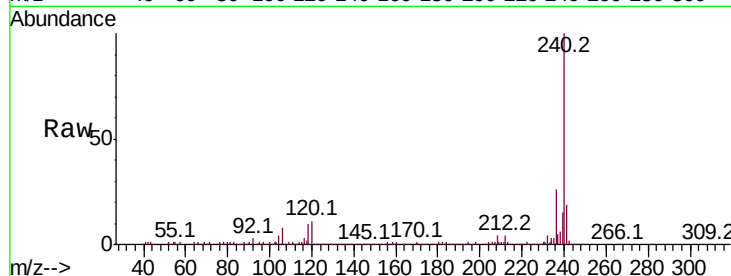
Tot Ion:240 Resp: 440606

Ion Ratio Lower Upper

240 100

120 11.4 9.5 14.3

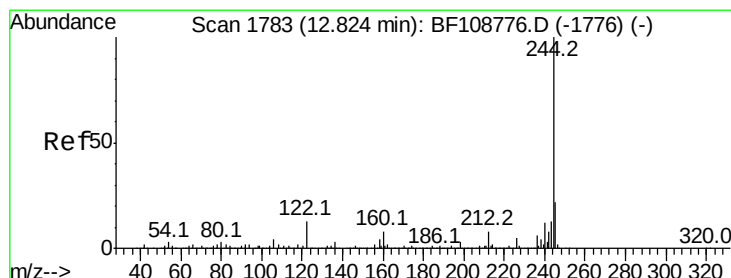
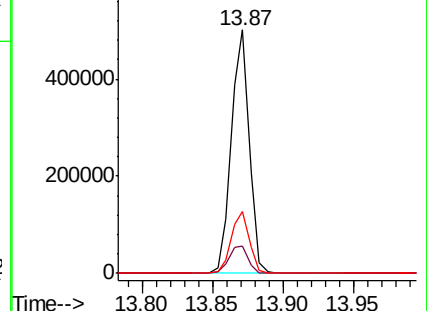
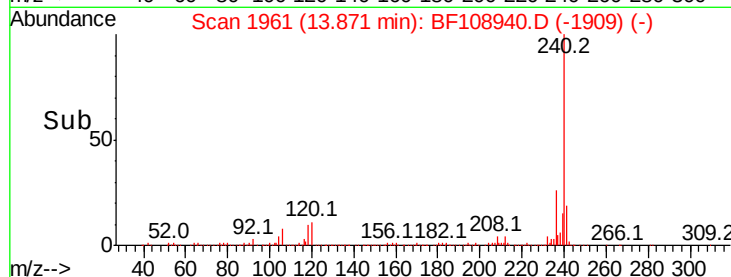
236 25.6 20.7 31.1



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: 6.852 ng

RT: 12.82 min Scan# 1783

Delta R.T. 0.00 min

Lab File: BF108940.D

Acq: 11 Sep 2018 17:30

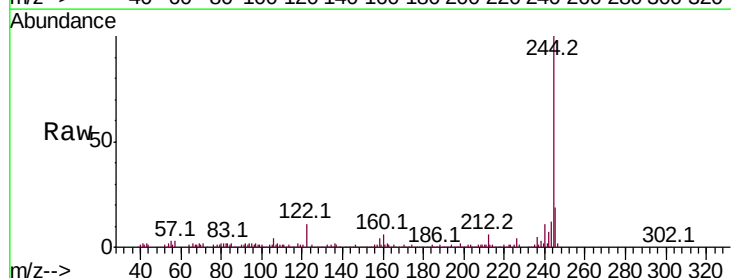
Tgt Ion:244 Resp: 129465

Ion Ratio Lower Upper

244 100

212 6.4 5.4 8.0

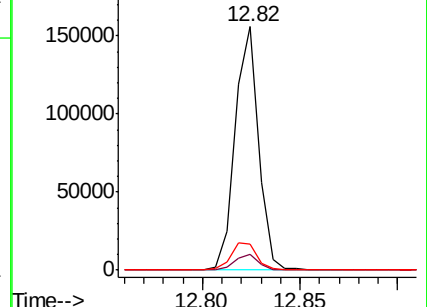
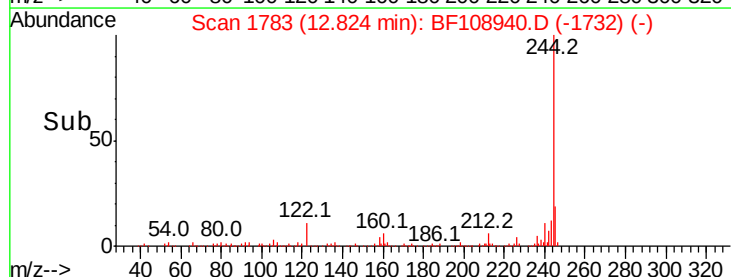
122 10.9 11.0 16.4#

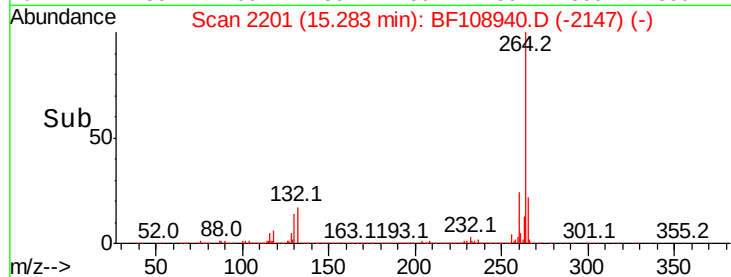
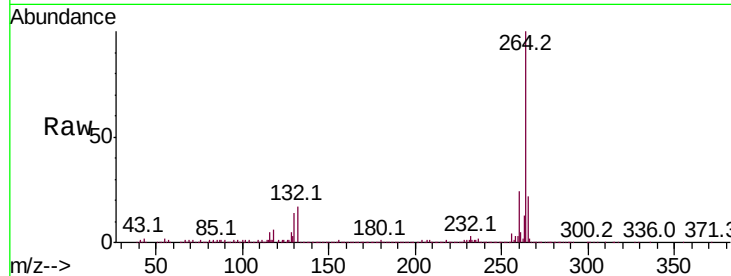
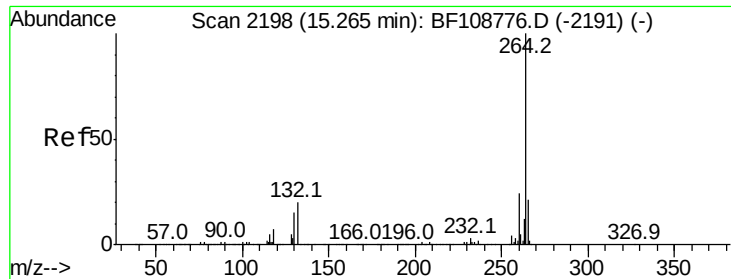


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.28 min Scan# 2201
Delta R.T. 0.02 min
Lab File: BF108940.D
Acq: 11 Sep 2018 17:30

Instrument :
BNA_F
ClientSampleId :
SG-SOIL

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	22.1	17.5	26.3

