

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071018\
 Data File : BF107281.D
 Acq On : 10 Jul 2018 19:02
 Operator : JU/SJ
 Sample : J3893-01RE
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BS-S-7-SOILRE

Quant Time: Jul 11 01:46:17 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 29 14:38:29 2018
 Response via : Initial Calibration

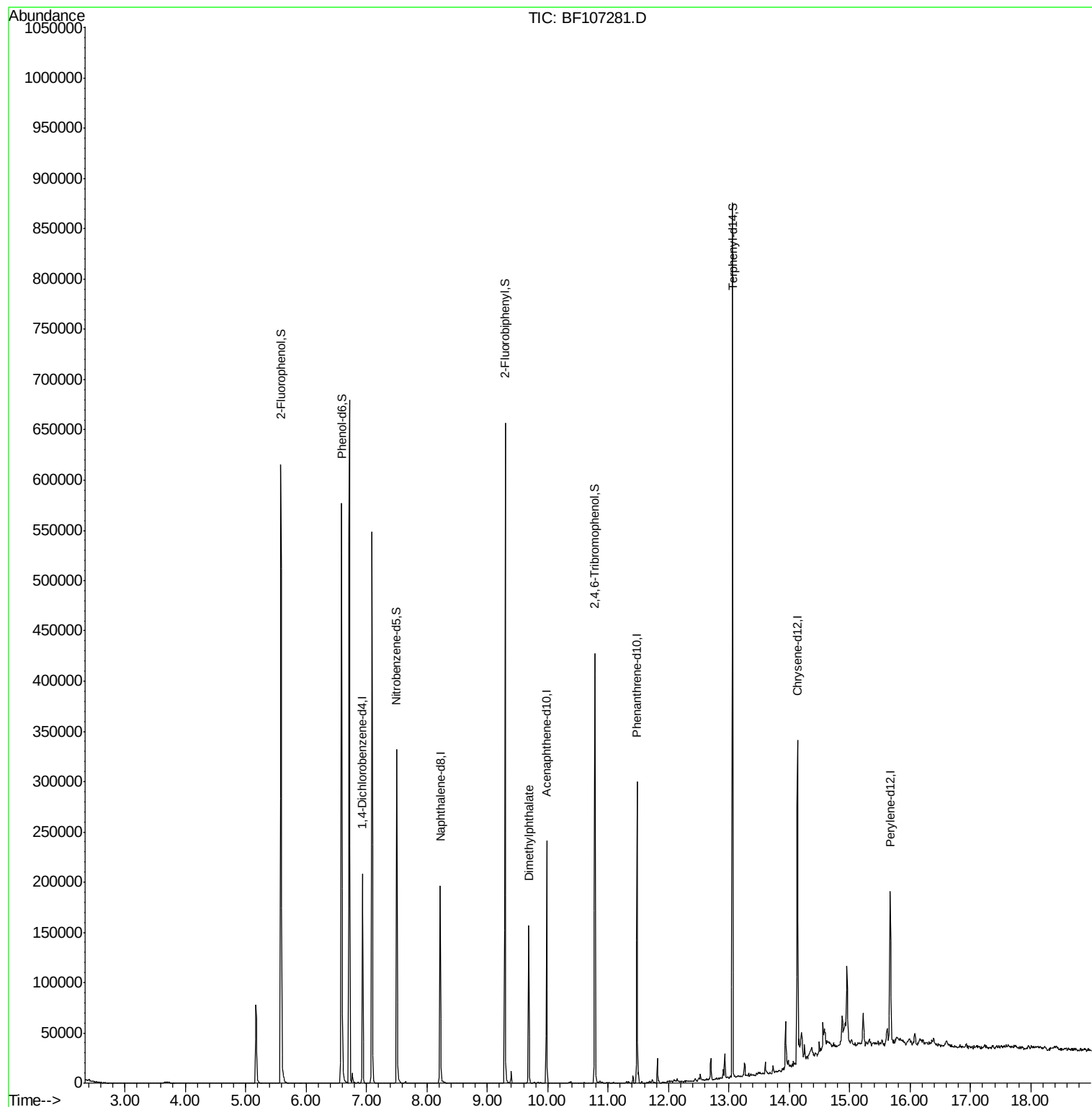
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	30810	20.00	ng	-0.02
21) Naphthalene-d8	8.22	136	104256	20.00	ng	-0.02
38) Acenaphthene-d10	9.98	164	49763	20.00	ng	-0.02
63) Phenanthrene-d10	11.48	188	111776	20.00	ng	-0.02
75) Chrysene-d12	14.14	240	108850	20.00	ng	-0.03
86) Perylene-d12	15.67	264	75150	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	190030	104.44	ng	-0.02
7) Phenol-d6	6.59	99	219546	96.62	ng	-0.02
23) Nitrobenzene-d5	7.50	82	125821	67.07	ng	-0.04
41) 2,4,6-Tribromophenol	10.78	330	65985	114.41	ng	-0.02
44) 2-Fluorobiphenyl	9.30	172	209135	68.22	ng	-0.03
78) Terphenyl-d14	13.06	244	313001	69.65	ng	-0.02
Target Compounds						
49) Dimethylphthalate	9.69	163	66032	17.692	ng	Qvalue 99

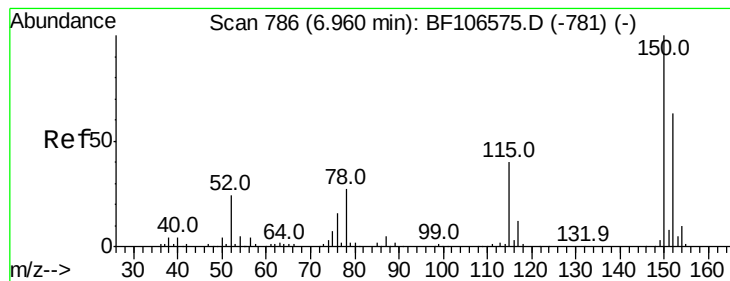
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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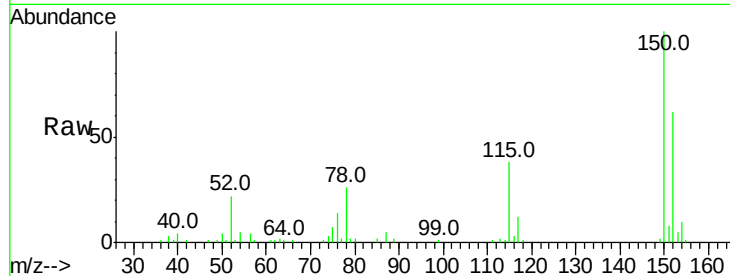


#1

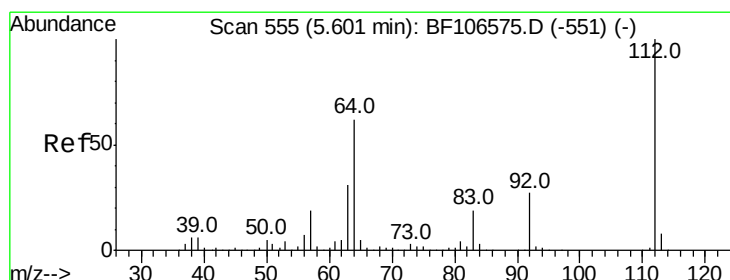
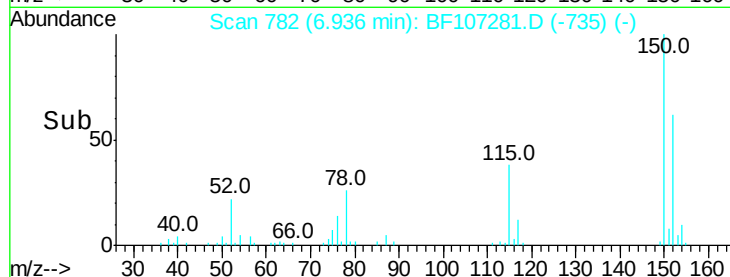
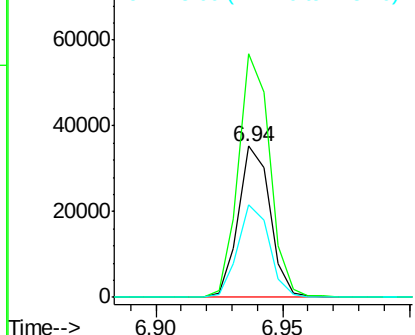
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.94 min Scan# 782
Delta R.T. -0.02 min
Lab File: BF107281.D
Acq: 10 Jul 2018 19:02

Instrument :
BNA_F
ClientSampleId :
BS-S-7-SOILRE

Tot Ion:152 Resp: 30810
Ion Ratio Lower Upper
152 100
150 161.2 124.6 186.8
115 61.0 50.1 75.1



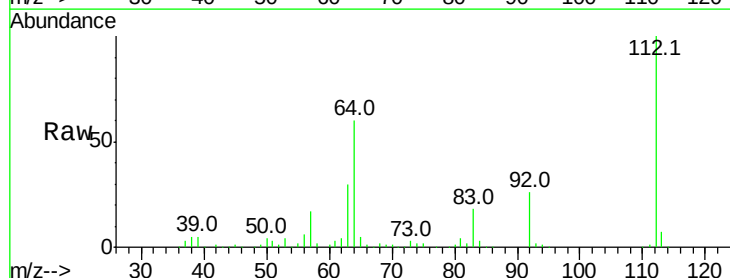
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



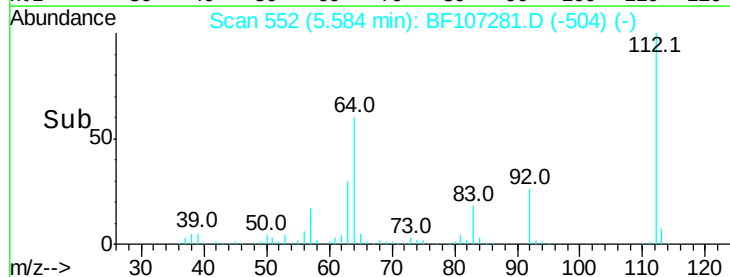
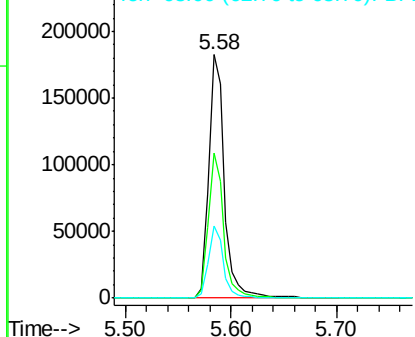
#5

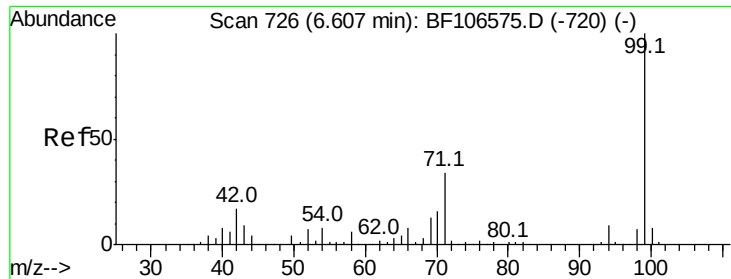
2-Fluorophenol
Concen: 104.440 ng
RT: 5.58 min Scan# 552
Delta R.T. -0.02 min
Lab File: BF107281.D
Acq: 10 Jul 2018 19:02

Tgt Ion:112 Resp: 190030
Ion Ratio Lower Upper
112 100
64 59.7 47.9 71.9
63 29.5 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: 96.622 ng

RT: 6.59 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF107281.D

Acq: 10 Jul 2018 19:02

Instrument :

BNA_F

ClientSampleId :

BS-S-7-SOILRE

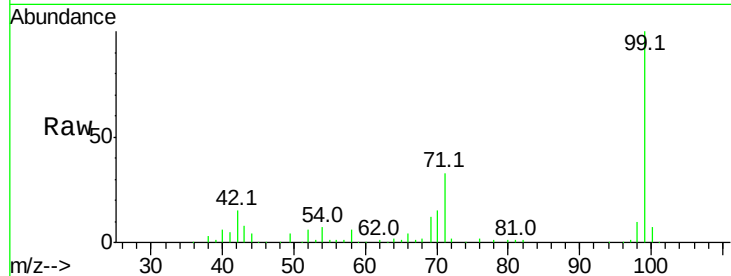
Tot Ion: 99 Resp: 219546

Ion Ratio Lower Upper

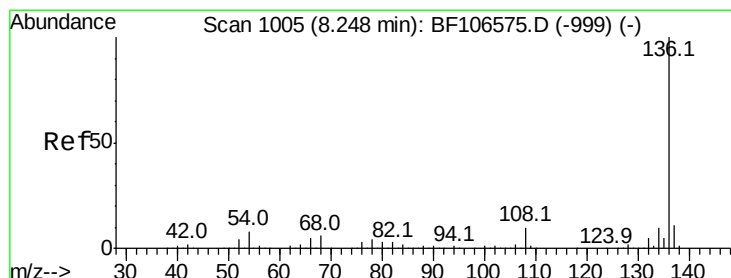
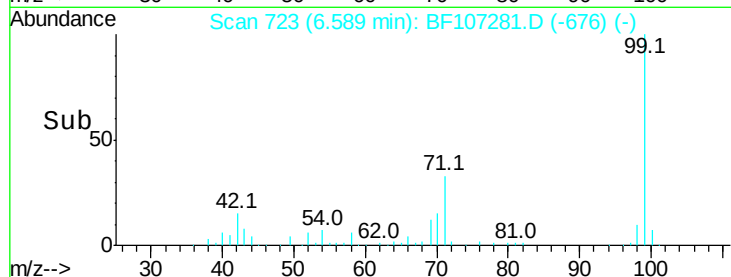
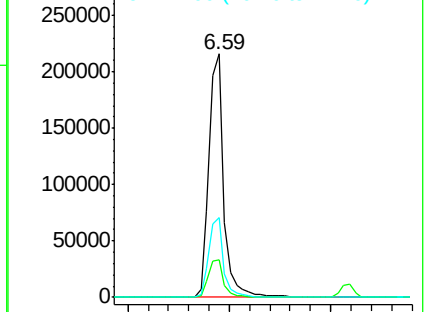
99 100

42 15.4 14.5 21.7

71 32.6 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: 8.22 min Scan# 1001

Delta R.T. -0.02 min

Lab File: BF107281.D

Acq: 10 Jul 2018 19:02

Tgt Ion: 136 Resp: 104256

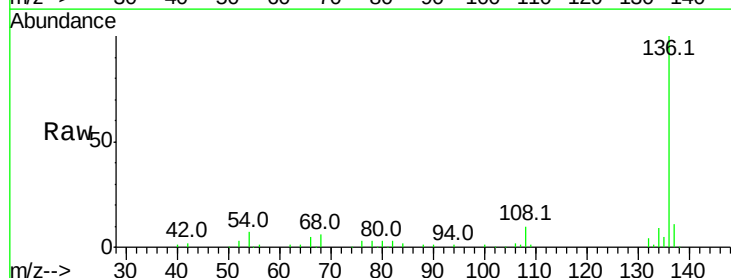
Ion Ratio Lower Upper

136 100

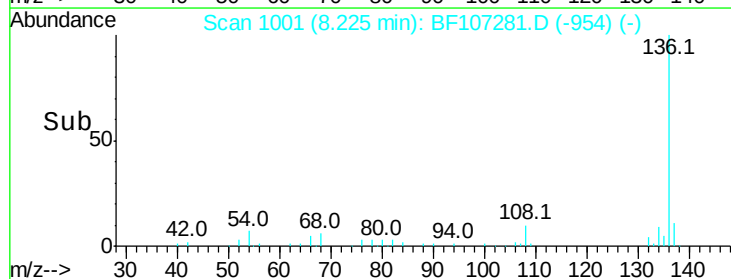
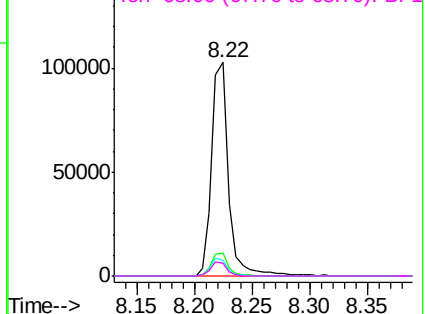
137 10.6 8.9 13.3

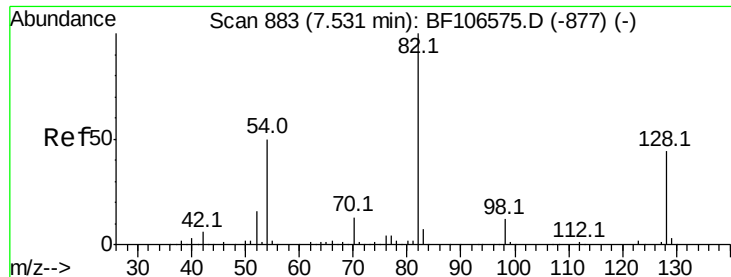
54 7.2 6.6 9.8

68 5.9 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: 67.069 ng

RT: 7.50 min Scan# 878

Delta R.T. -0.04 min

Lab File: BF107281.D

Acq: 10 Jul 2018 19:02

Instrument :

BNA_F

ClientSampleId :

BS-S-7-SOILRE

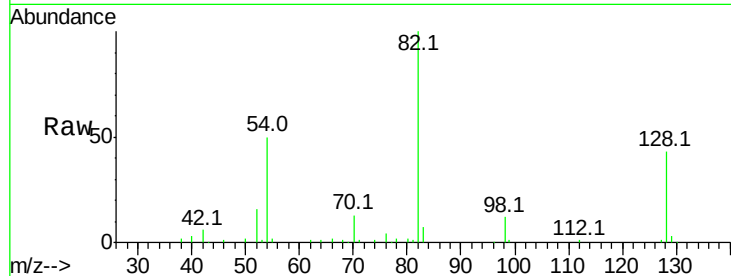
Tot Ion: 82 Resp: 125821

Ion Ratio Lower Upper

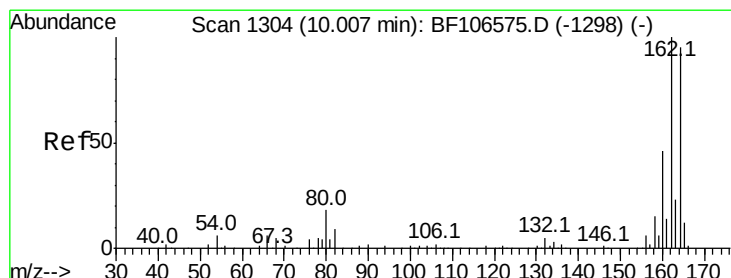
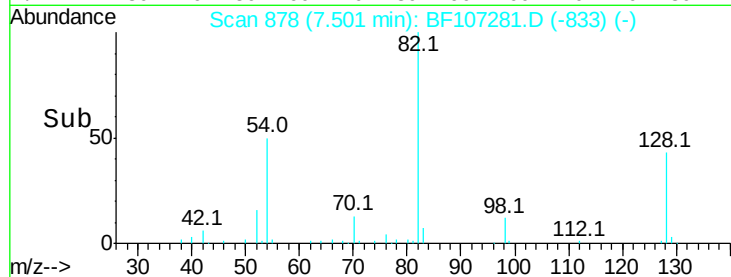
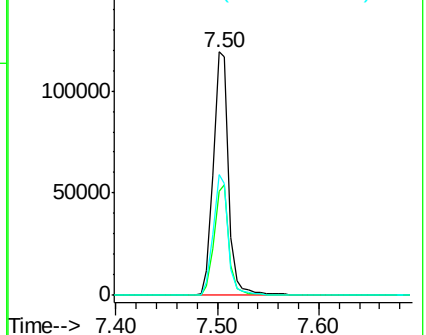
82 100

128 42.6 36.1 54.1

54 49.7 41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.98 min Scan# 1300

Delta R.T. -0.02 min

Lab File: BF107281.D

Acq: 10 Jul 2018 19:02

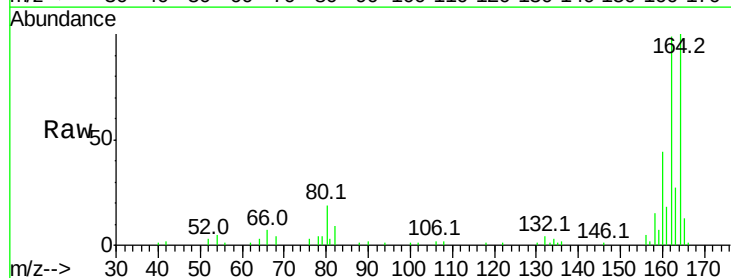
Tgt Ion:164 Resp: 49763

Ion Ratio Lower Upper

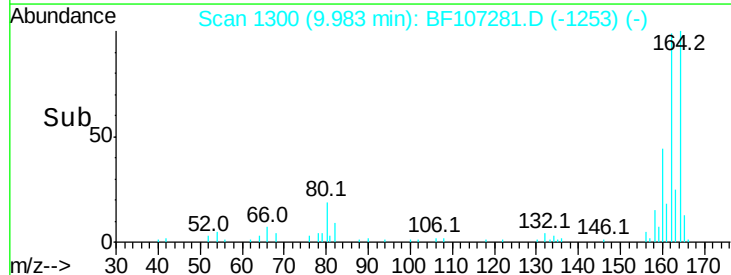
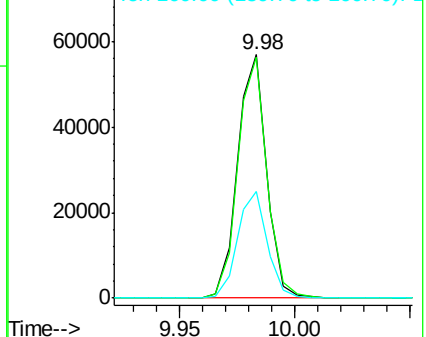
164 100

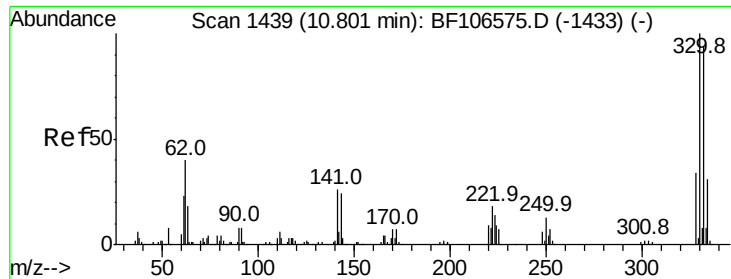
162 99.2 86.1 129.1

160 43.9 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

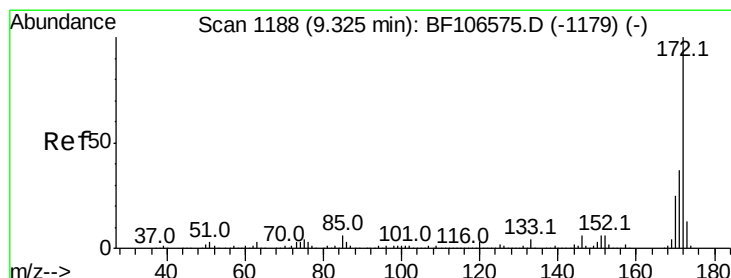
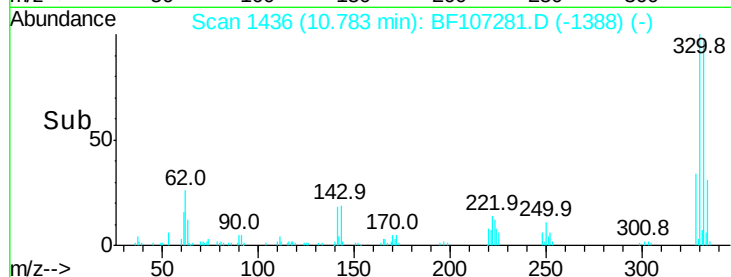
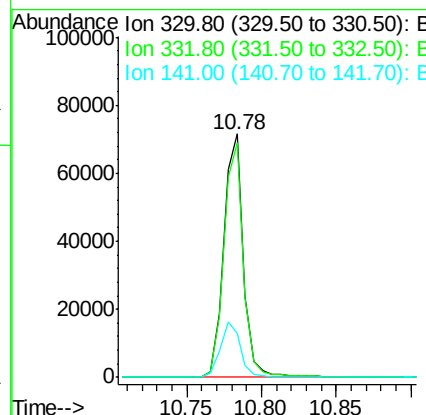
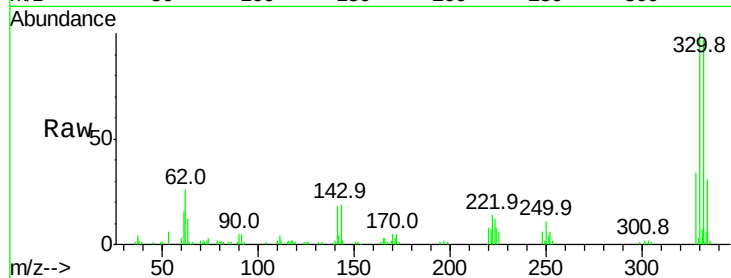




#41
 2,4,6-Tribromophenol
 Concen: 114.405 ng
 RT: 10.78 min Scan# 1436
 Delta R.T. -0.02 min
 Lab File: BF107281.D
 Acq: 10 Jul 2018 19:02

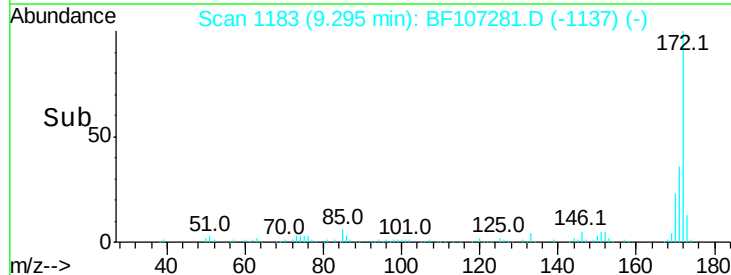
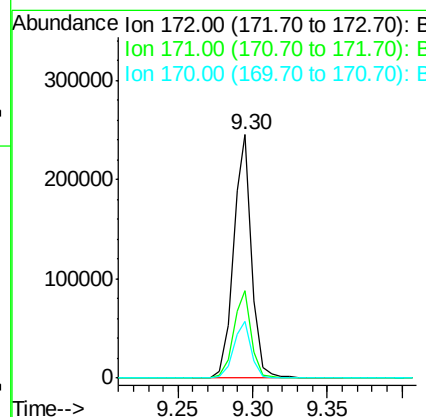
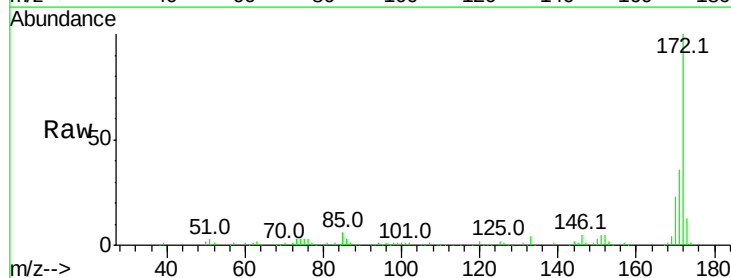
Instrument :
 BNA_F
 ClientSampleId :
 BS-S-7-SOILRE

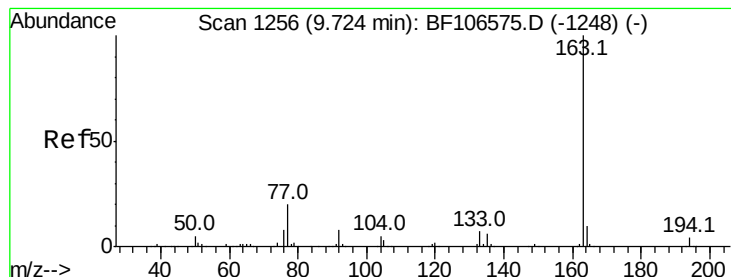
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.0	115.6
141	22.9	29.9	44.9#



#44
 2-Fluorobiphenyl
 Concen: 68.223 ng
 RT: 9.30 min Scan# 1183
 Delta R.T. -0.03 min
 Lab File: BF107281.D
 Acq: 10 Jul 2018 19:02

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.7	44.5
170	23.4	19.6	29.4





#49

Dimethylphthalate

Concen: 17.692 ng

RT: 9.69 min Scan# 1250

Delta R.T. -0.04 min

Lab File: BF107281.D

Acq: 10 Jul 2018 19:02

Instrument :

BNA_F

ClientSampleId :

BS-S-7-SOILRE

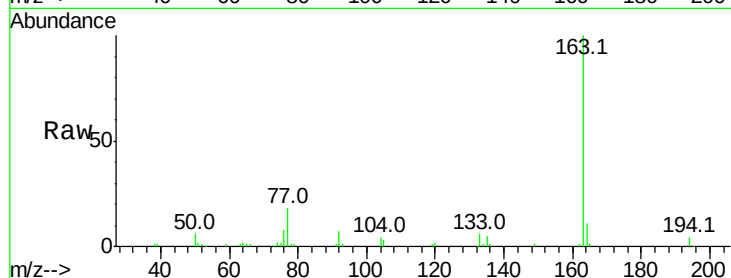
Tot Ion:163 Resp: 66032

Ion Ratio Lower Upper

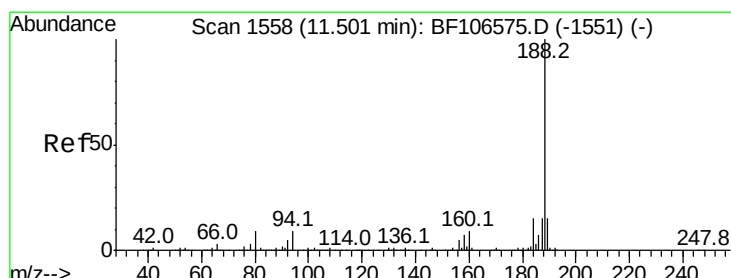
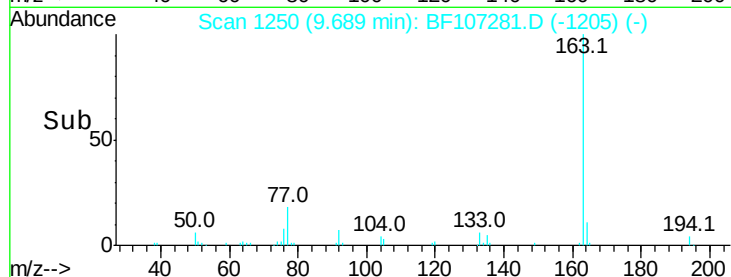
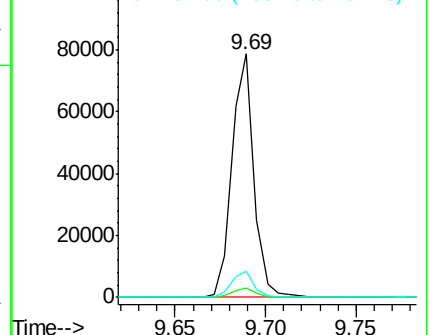
163 100

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: 11.48 min Scan# 1554

Delta R.T. -0.02 min

Lab File: BF107281.D

Acq: 10 Jul 2018 19:02

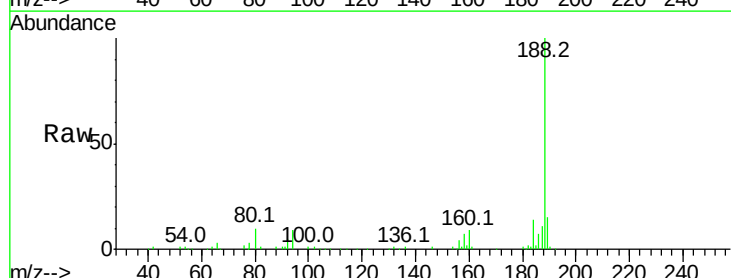
Tgt Ion:188 Resp: 111776

Ion Ratio Lower Upper

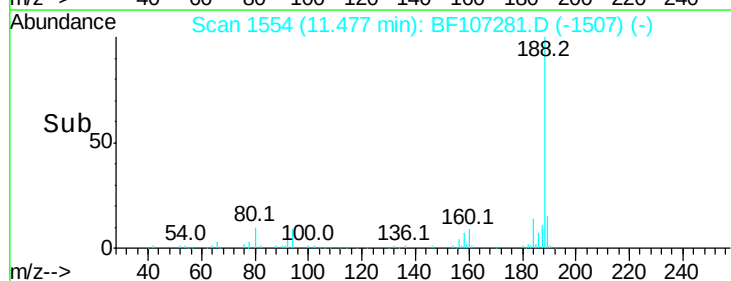
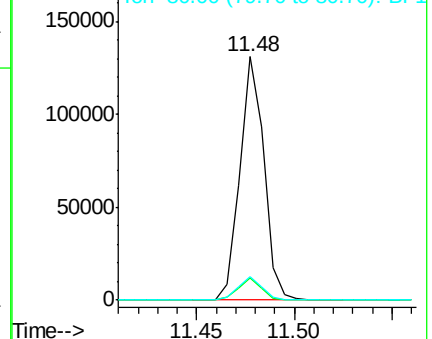
188 100

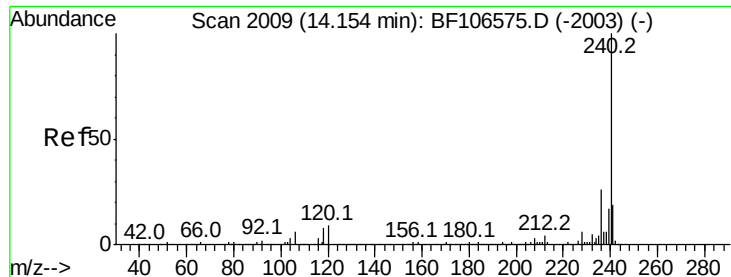
94 9.3 8.5 12.7

80 9.9 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: 14.14 min Scan# 2006

Delta R.T. -0.03 min

Lab File: BF107281.D

Acq: 10 Jul 2018 19:02

Instrument :

BNA_F

ClientSampleId :

BS-S-7-SOILRE

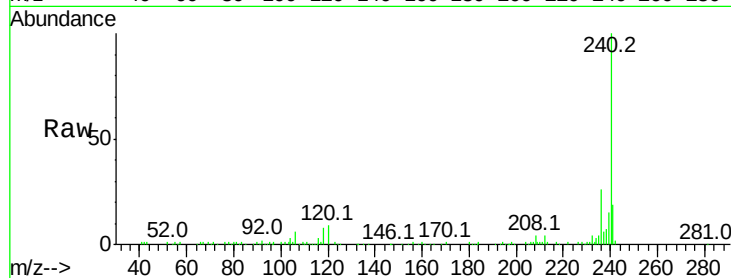
Tot Ion:240 Resp: 108850

Ion Ratio Lower Upper

240 100

120 8.7 9.5 14.3#

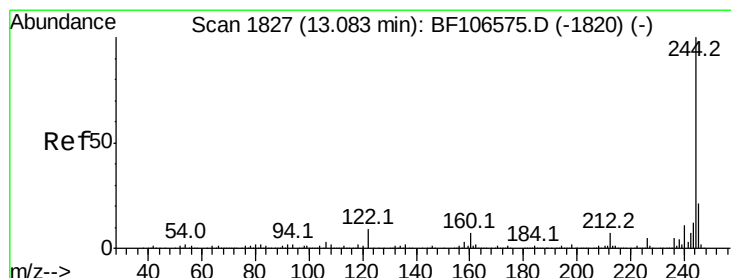
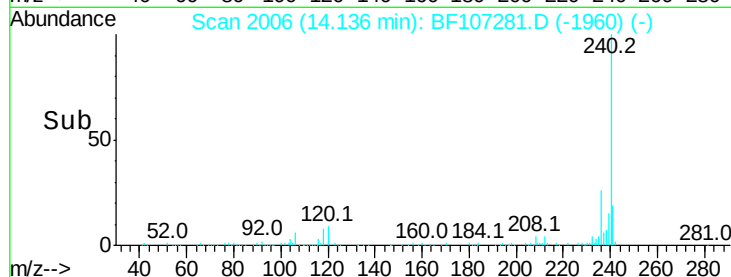
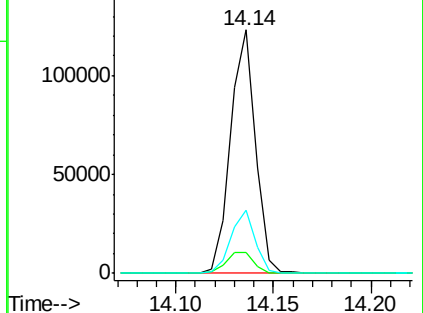
236 26.1 20.7 31.1



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: 69.654 ng

RT: 13.06 min Scan# 1823

Delta R.T. -0.02 min

Lab File: BF107281.D

Acq: 10 Jul 2018 19:02

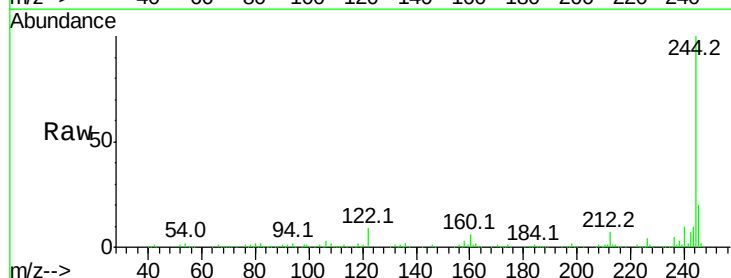
Tgt Ion:244 Resp: 313001

Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.0

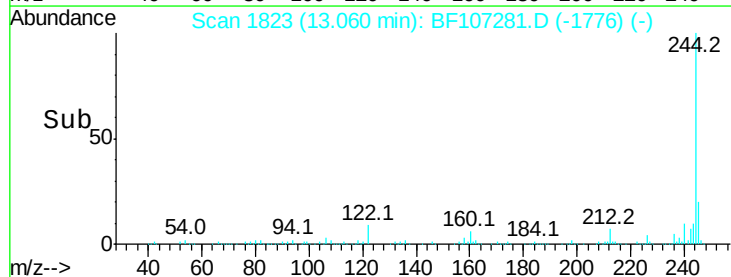
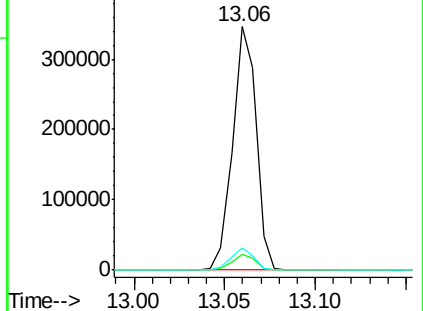
122 9.0 11.0 16.4#

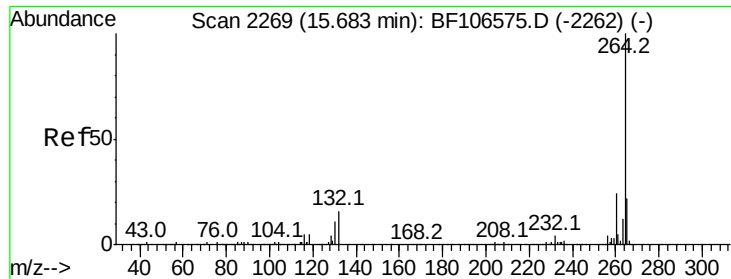


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.67 min Scan# 2267
Delta R.T. -0.05 min
Lab File: BF107281.D
Acq: 10 Jul 2018 19:02

Instrument :
BNA_F
ClientSampleId :
BS-S-7-SOILRE

Tot Ion:	264	Resp:	75150
Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.2	28.8
265	22.3	17.5	26.3

