

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071818\
 Data File : BF107478.D
 Acq On : 18 Jul 2018 15:34
 Operator : JU/SJ
 Sample : J4019-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HS-SOIL

Quant Time: Jul 18 17:06:44 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 18 11:55:34 2018
 Response via : Initial Calibration

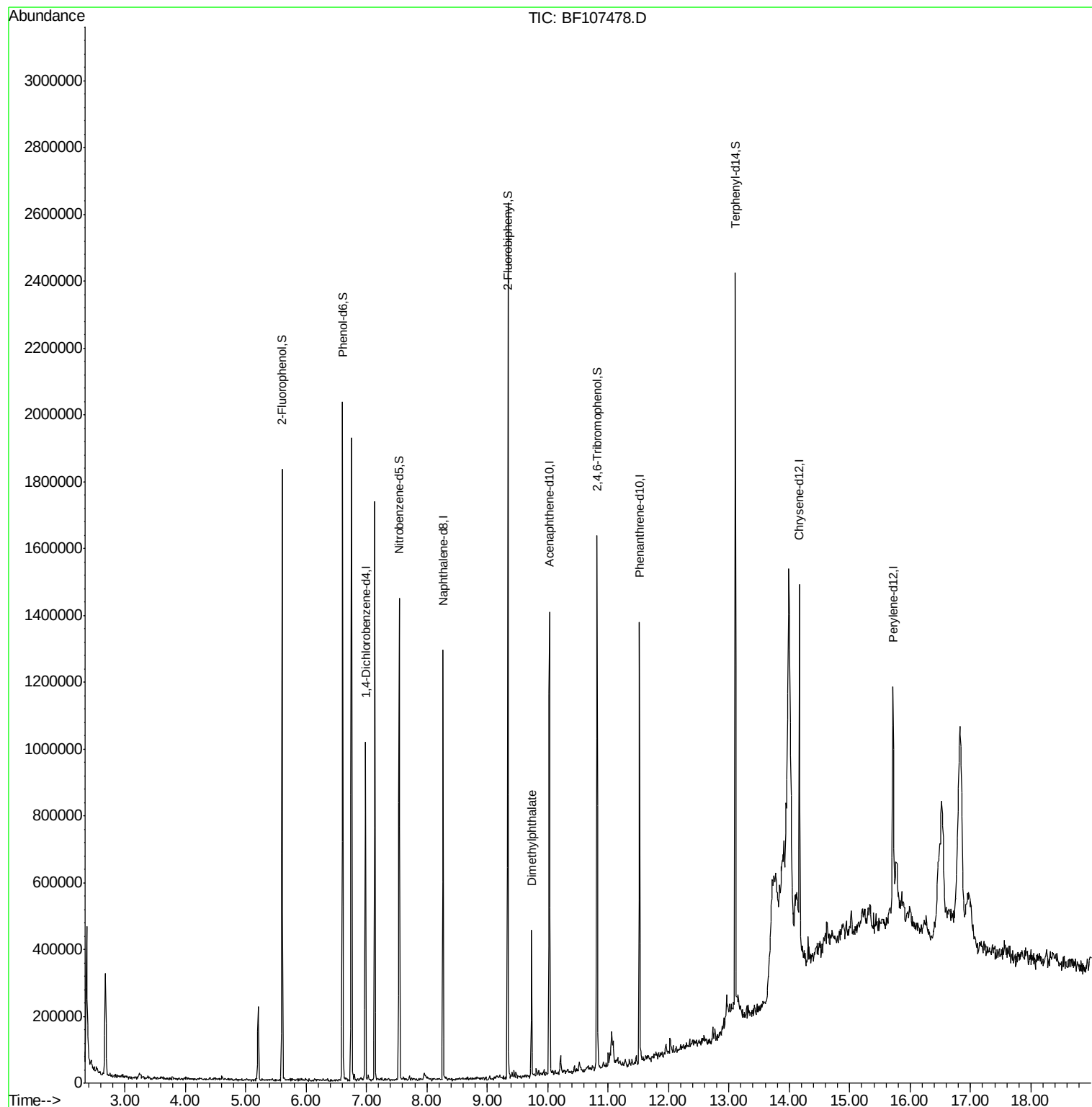
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	114207	20.00	ng	0.00
21) Naphthalene-d8	8.27	136	431674	20.00	ng	0.00
38) Acenaphthene-d10	10.03	164	238705	20.00	ng	0.00
63) Phenanthrene-d10	11.52	188	460085	20.00	ng	0.00
75) Chrysene-d12	14.17	240	328554	20.00	ng	0.00
86) Perylene-d12	15.72	264	298045	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	404824	53.83	ng	0.00
7) Phenol-d6	6.61	99	518540	53.34	ng	0.00
23) Nitrobenzene-d5	7.54	82	381791	47.16	ng	-0.01
41) 2,4,6-Tribromophenol	10.82	330	117440	56.00	ng	-0.01
44) 2-Fluorobiphenyl	9.34	172	667436	41.01	ng	0.00
78) Terphenyl-d14	13.11	244	615070	46.51	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.73	163	145157	7.654	ng	99

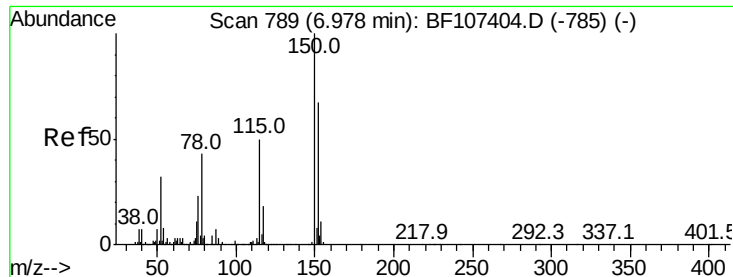
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.98 min Scan# 790

Delta R.T. -0.01 min

Lab File: BF107478.D

Acq: 18 Jul 2018 15:34

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ClientSampleId :

HS-SOIL

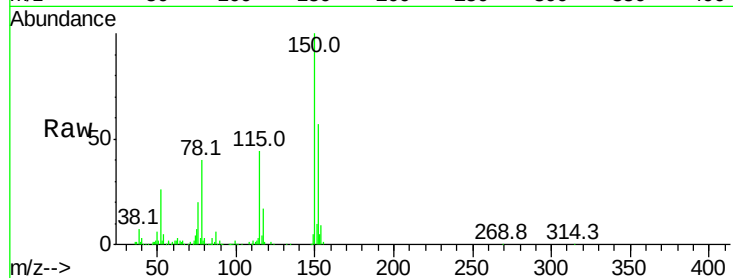
Tot Ion:152 Resp: 114207

Ion Ratio Lower Upper

152 100

150 176.0 124.6 186.8

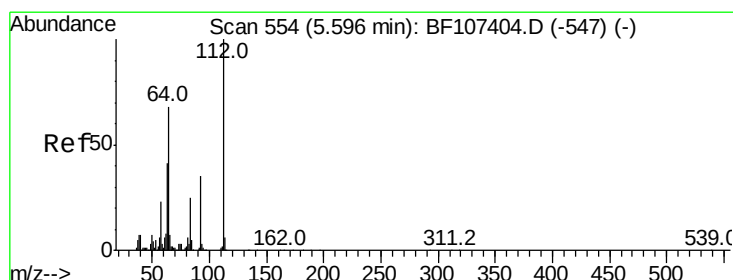
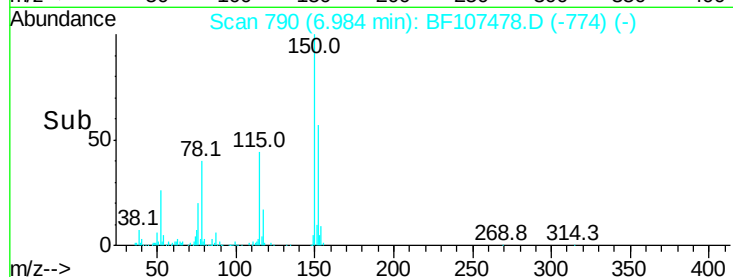
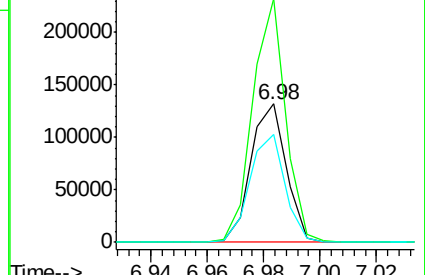
115 77.9 50.1 75.1#



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: 53.834 ng

RT: 5.61 min Scan# 556

Delta R.T. -0.01 min

Lab File: BF107478.D

Acq: 18 Jul 2018 15:34

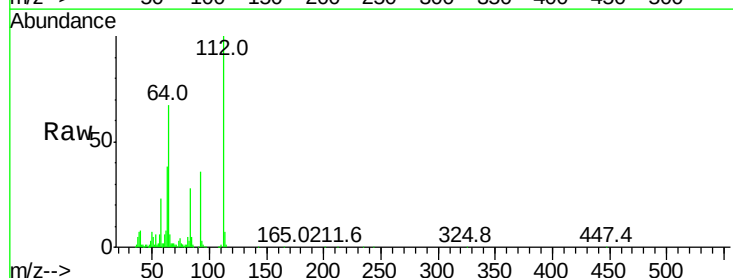
Tgt Ion:112 Resp: 404824

Ion Ratio Lower Upper

112 100

64 67.3 47.9 71.9

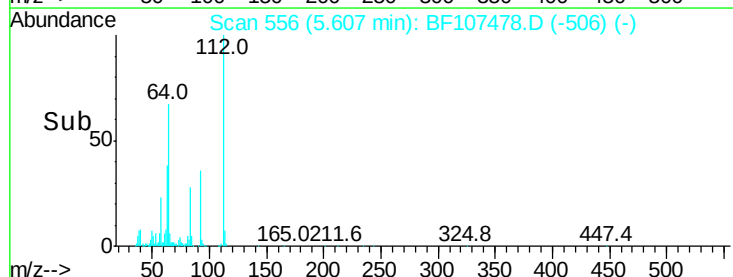
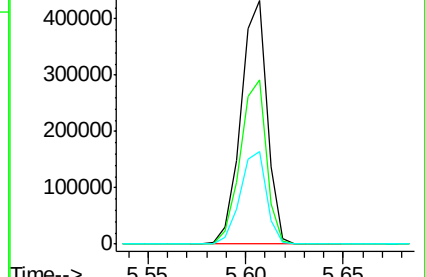
63 37.8 23.7 35.5#

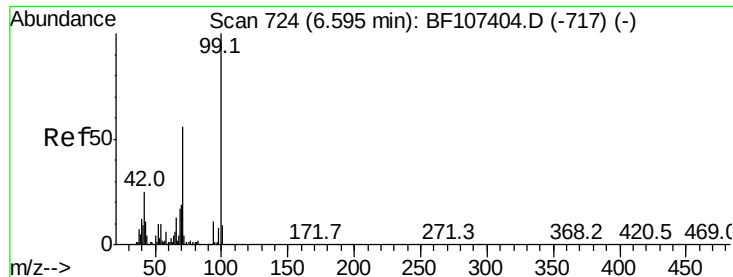


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 53.335 ng

RT: 6.61 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF107478.D

Acq: 18 Jul 2018 15:34

Instrument :

BNA_F

ClientSampleId :

HS-SOIL

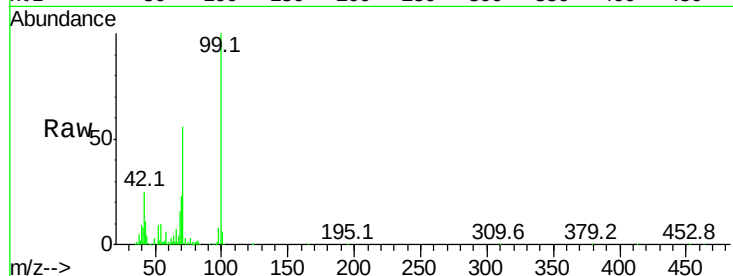
Tot Ion: 99 Resp: 518540

Ion Ratio Lower Upper

99 100

42 24.9 14.5 21.7#

71 55.9 25.4 38.0#



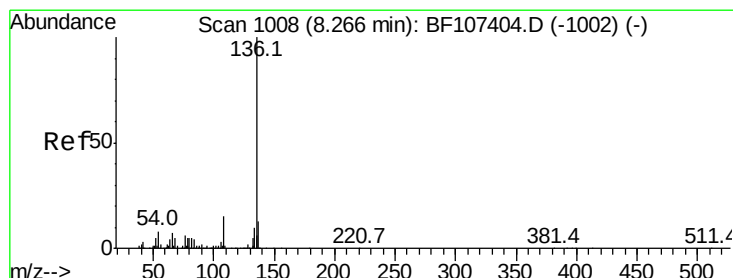
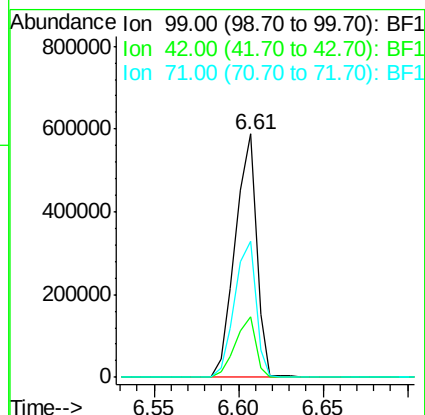
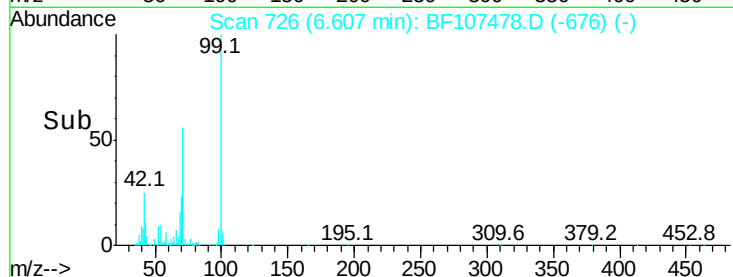
Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1

6.61

6.55 6.60 6.65



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.27 min Scan# 1008

Delta R.T. -0.01 min

Lab File: BF107478.D

Acq: 18 Jul 2018 15:34

Tgt Ion: 136 Resp: 431674

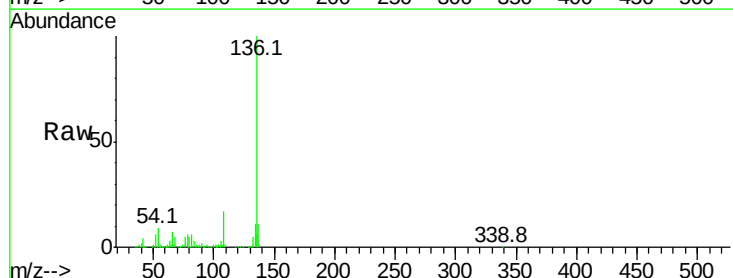
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 9.3 6.6 9.8

68 5.0 5.0 7.4



Abundance Ion 136.00 (135.70 to 136.70): BF1

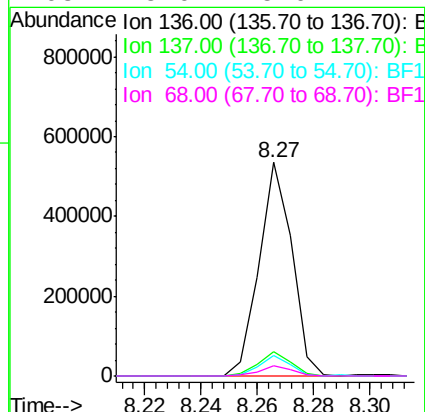
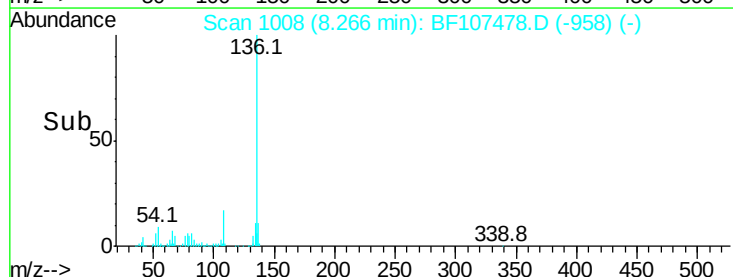
Ion 137.00 (136.70 to 137.70): BF1

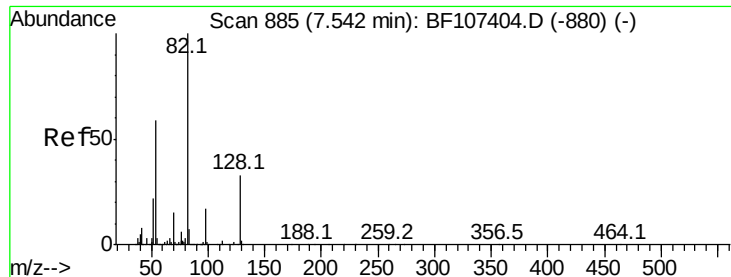
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1

8.27

8.22 8.24 8.26 8.28 8.30





#23

Nitrobenzene-d5

Concen: 47.162 ng

RT: 7.54 min Scan# 885

Delta R.T. -0.01 min

Lab File: BF107478.D

Acq: 18 Jul 2018 15:34

Instrument :

BNA_F

ClientSampleId :

HS-SOIL

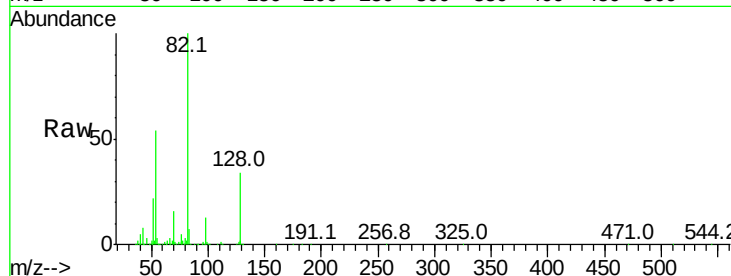
Tot Ion: 82 Resp: 381791

Ion Ratio Lower Upper

82 100

128 34.1 36.1 54.1#

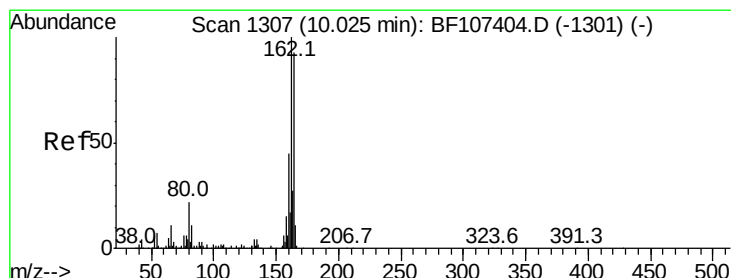
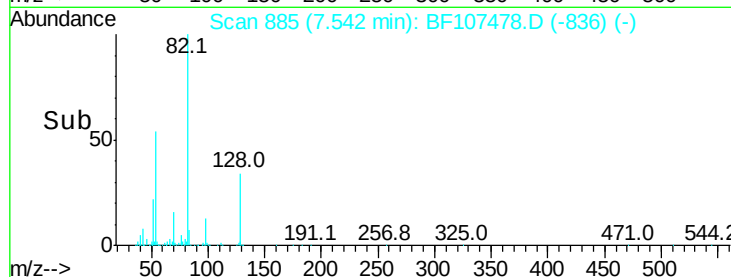
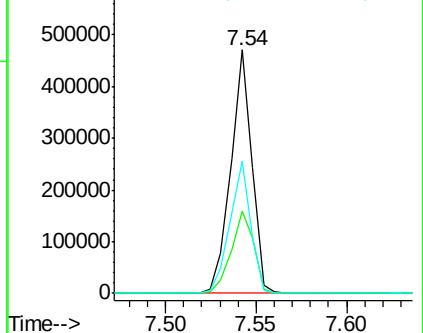
54 54.2 41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.03 min Scan# 1308

Delta R.T. 0.00 min

Lab File: BF107478.D

Acq: 18 Jul 2018 15:34

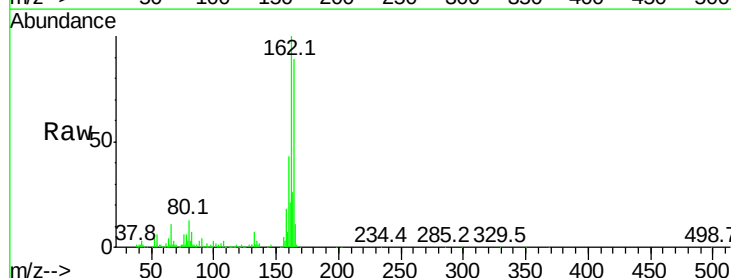
Tgt Ion:164 Resp: 238705

Ion Ratio Lower Upper

164 100

162 112.1 86.1 129.1

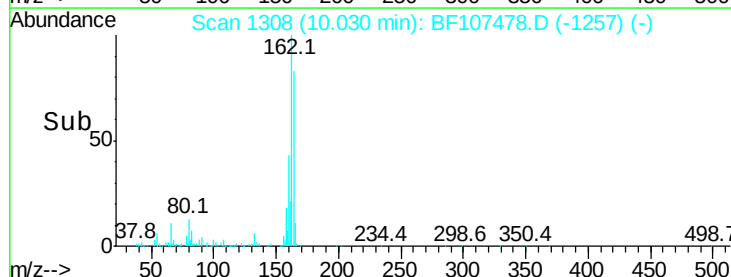
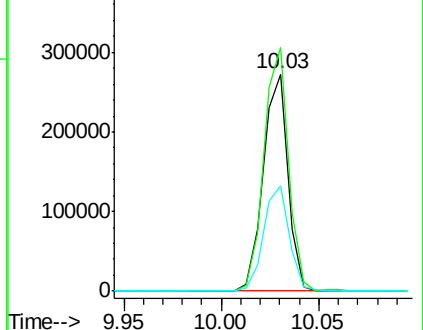
160 48.5 38.3 57.5

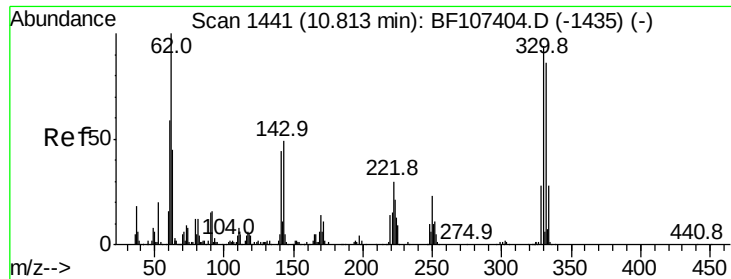


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

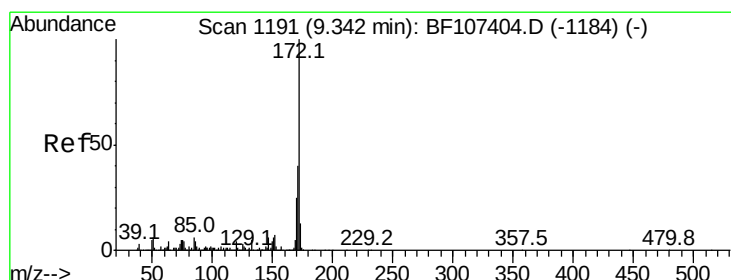
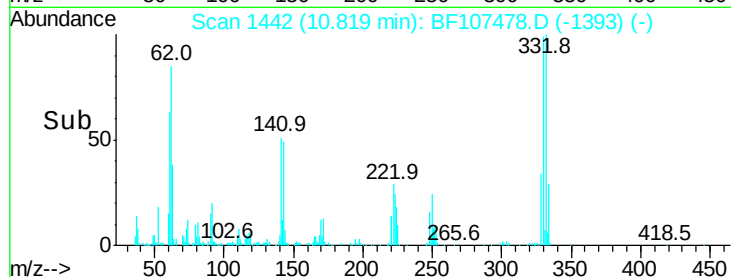
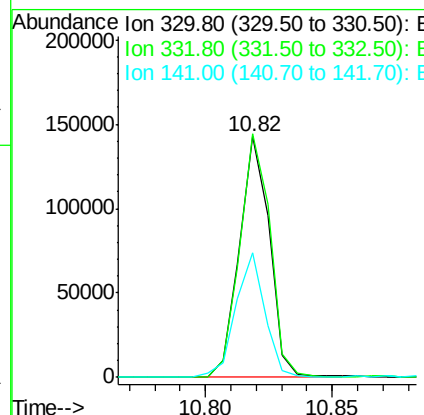
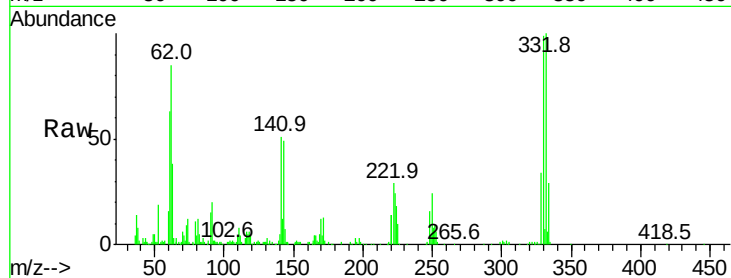




#41
 2,4,6-Tribromophenol
 Concen: 55.996 ng
 RT: 10.82 min Scan# 1442
 Delta R.T. -0.01 min
 Lab File: BF107478.D
 Acq: 18 Jul 2018 15:34

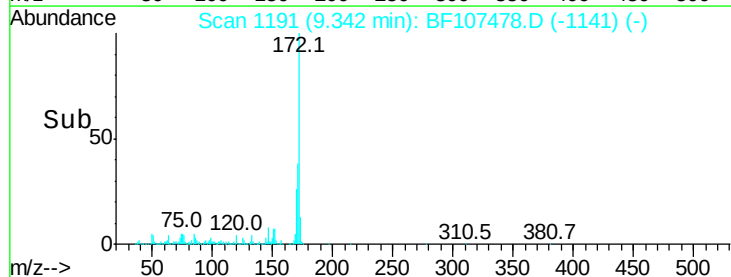
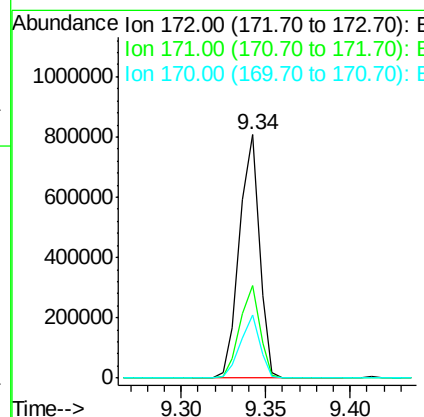
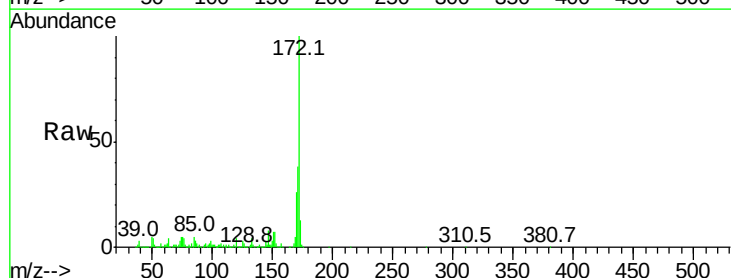
Instrument :
 BNA_F
 ClientSampleId :
 HS-SOIL

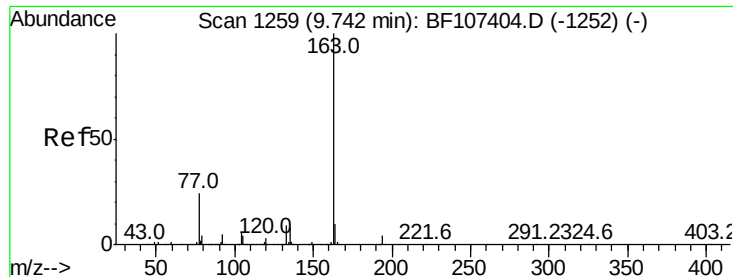
Tot Ion:330 Resp: 117440
 Ion Ratio Lower Upper
 330 100
 332 102.2 77.0 115.6
 141 50.6 29.9 44.9#



#44
 2-Fluorobiphenyl
 Concen: 41.010 ng
 RT: 9.34 min Scan# 1191
 Delta R.T. -0.01 min
 Lab File: BF107478.D
 Acq: 18 Jul 2018 15:34

Tgt Ion:172 Resp: 667436
 Ion Ratio Lower Upper
 172 100
 171 38.0 29.7 44.5
 170 25.8 19.6 29.4

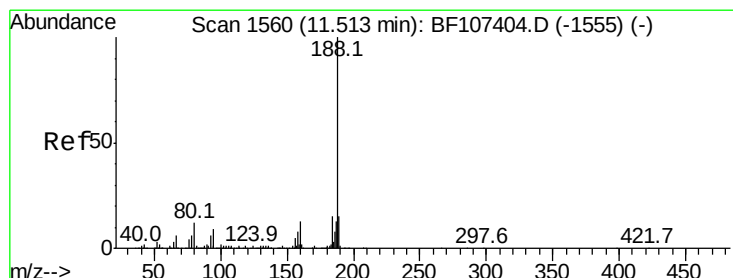
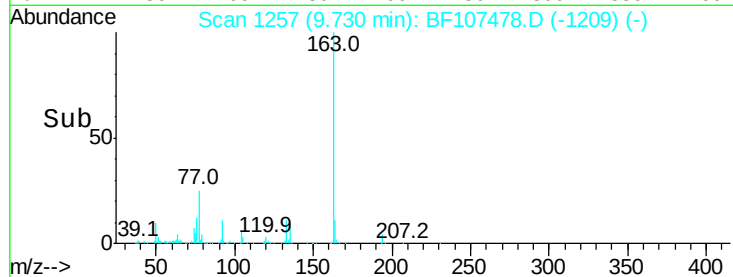
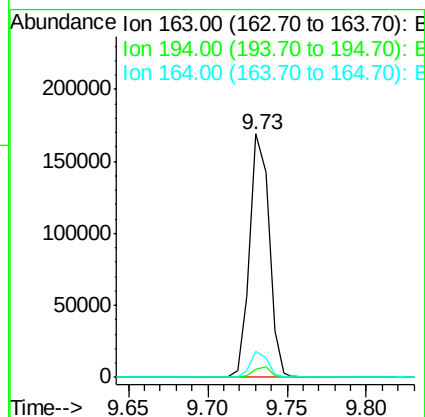
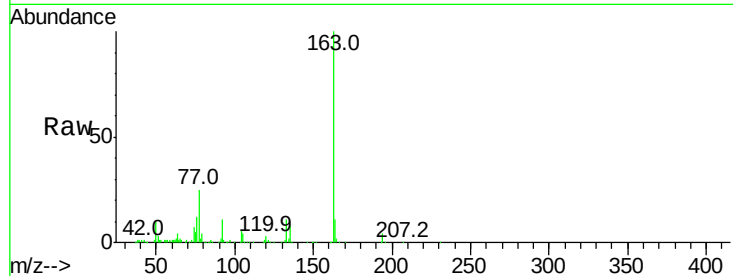




#49
Dimethylphthalate
Concen: 7.654 ng
RT: 9.73 min Scan# 1257
Delta R.T. -0.02 min
Lab File: BF107478.D
Acq: 18 Jul 2018 15:34

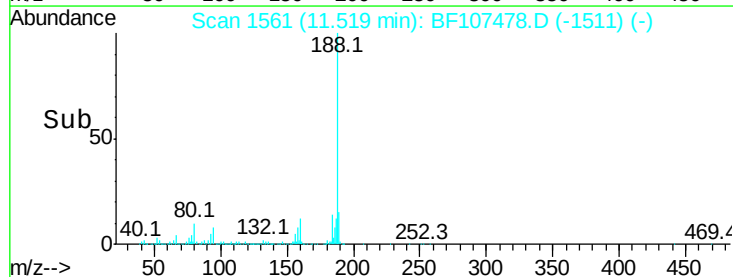
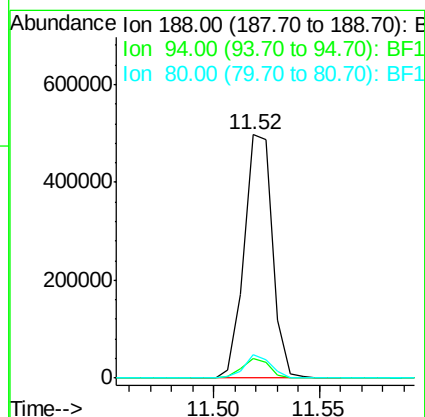
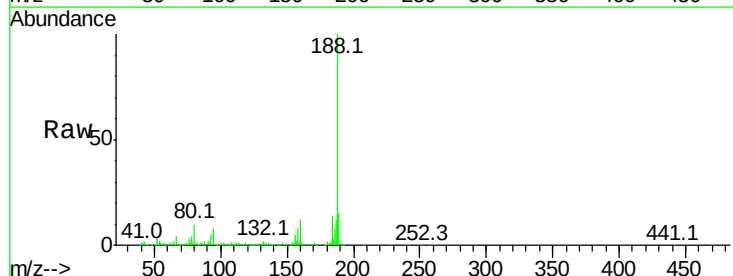
Instrument :
BNA_F
ClientSampleId :
HS-SOIL

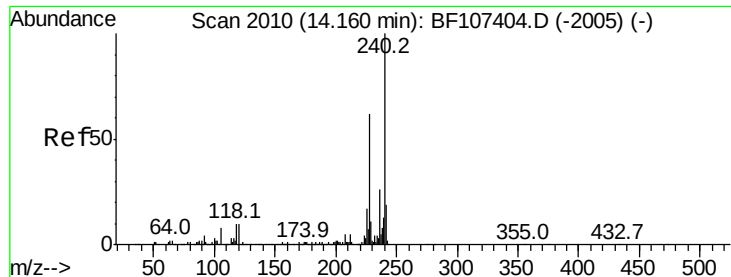
Tot Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.7	4.1
164	10.6	8.2	12.2



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.52 min Scan# 1561
Delta R.T. -0.01 min
Lab File: BF107478.D
Acq: 18 Jul 2018 15:34

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.2	8.5	12.7#
80	9.5	9.2	13.8





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.17 min Scan# 2012

Delta R.T. -0.01 min

Lab File: BF107478.D

Acq: 18 Jul 2018 15:34

Instrument :

BNA_F

ClientSampleId :

HS-SOIL

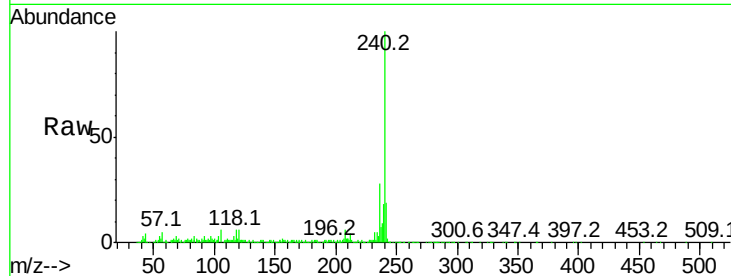
Tot Ion:240 Resp: 328554

Ion Ratio Lower Upper

240 100

120 5.7 9.5 14.3#

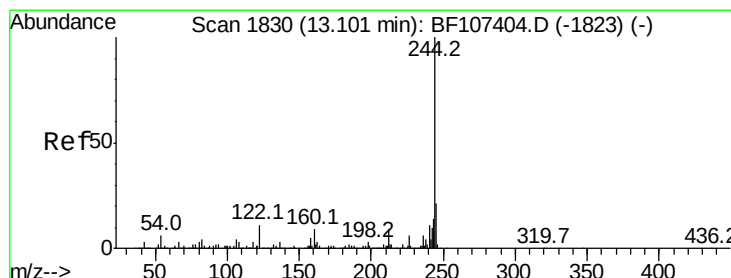
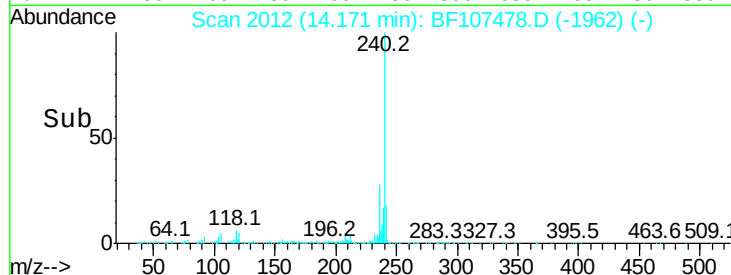
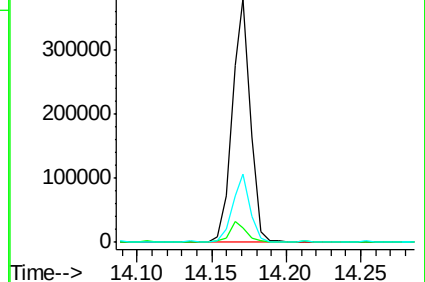
236 27.9 20.7 31.1



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: 46.513 ng

RT: 13.11 min Scan# 1831

Delta R.T. -0.01 min

Lab File: BF107478.D

Acq: 18 Jul 2018 15:34

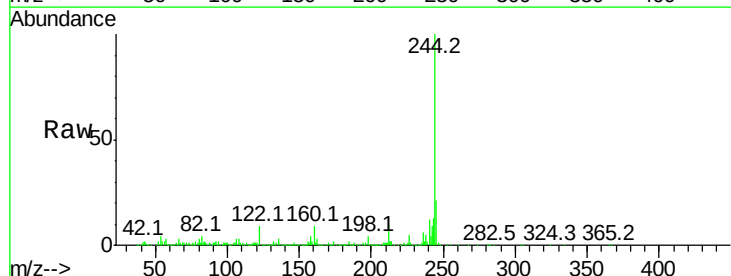
Tgt Ion:244 Resp: 615070

Ion Ratio Lower Upper

244 100

212 9.5 5.4 8.0#

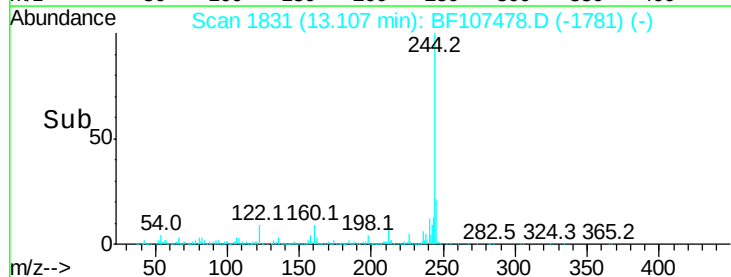
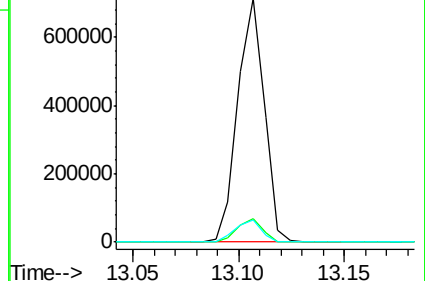
122 9.1 11.0 16.4#

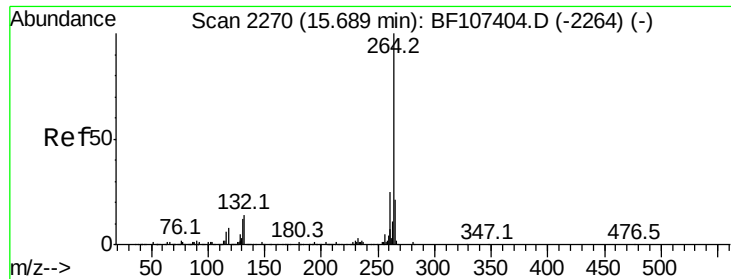


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.72 min Scan# 2275
 Delta R.T. 0.01 min
 Lab File: BF107478.D
 Acq: 18 Jul 2018 15:34

Instrument :
 BNA_F
 ClientSampleId :
 HS-SOIL

Tot Ion	Ratio	Lower	Upper
264	100		
260	21.3	19.2	28.8
265	23.6	17.5	26.3

