

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071818\
 Data File : BF107467.D
 Acq On : 18 Jul 2018 10:41
 Operator : JU/SJ
 Sample : PB111134BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB111134BL

Quant Time: Jul 18 13:10:25 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 17 11:29:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	116810	20.00	ng	0.00
21) Naphthalene-d8	8.27	136	442418	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	242443	20.00	ng	0.00
63) Phenanthrene-d10	11.52	188	540849	20.00	ng	0.00
75) Chrysene-d12	14.17	240	500950	20.00	ng	0.00
86) Perylene-d12	15.71	264	356775	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	741907	96.46	ng	0.01
7) Phenol-d6	6.61	99	952869	95.82	ng	0.00
23) Nitrobenzene-d5	7.55	82	709715	85.54	ng	0.00
41) 2,4,6-Tribromophenol	10.82	330	224718	105.49	ng	0.00
44) 2-Fluorobiphenyl	9.34	172	1213867	83.26	ng	0.00
78) Terphenyl-d14	13.11	244	1563372	77.54	ng	0.00

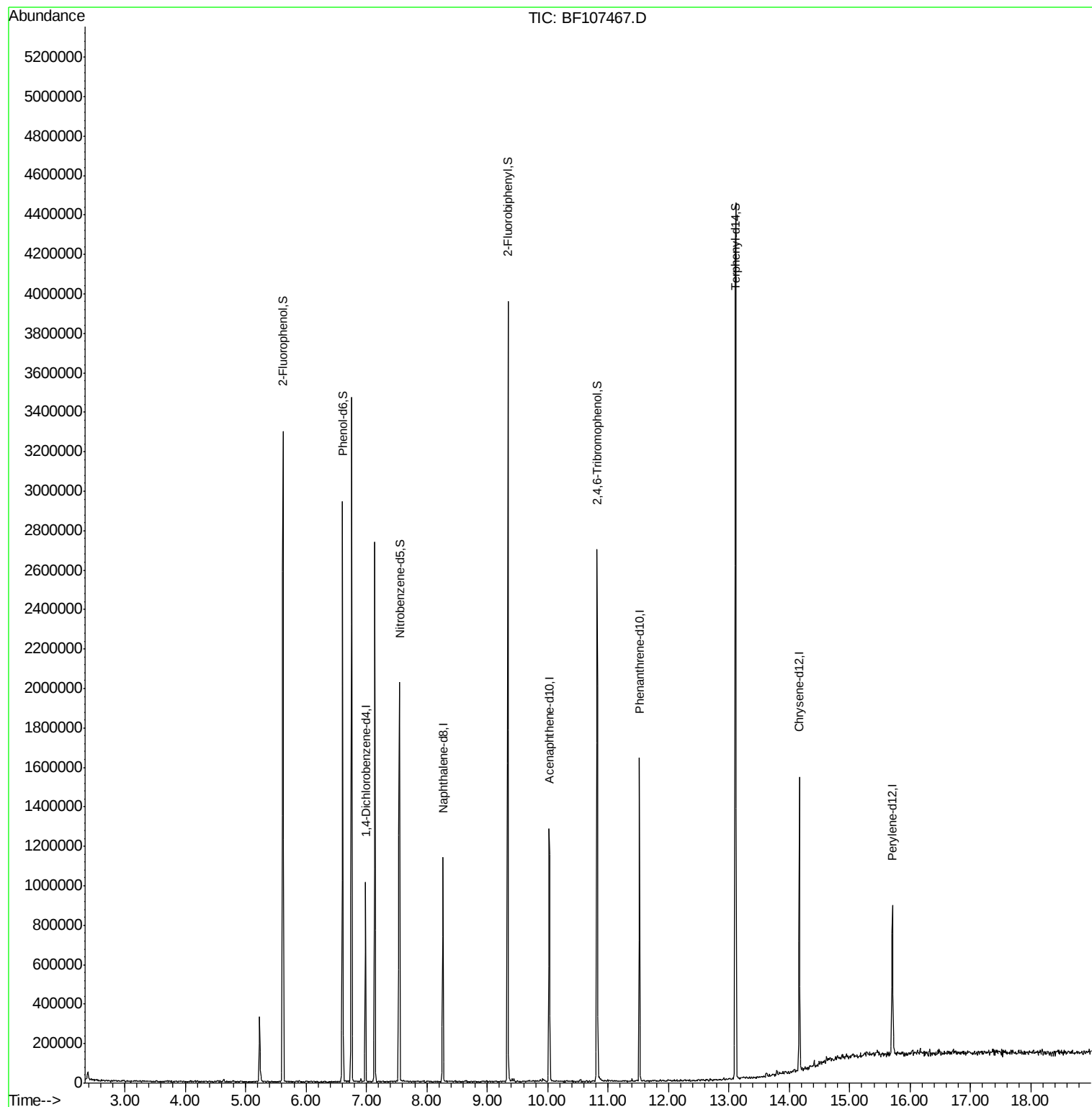
Target Compounds Qvalue

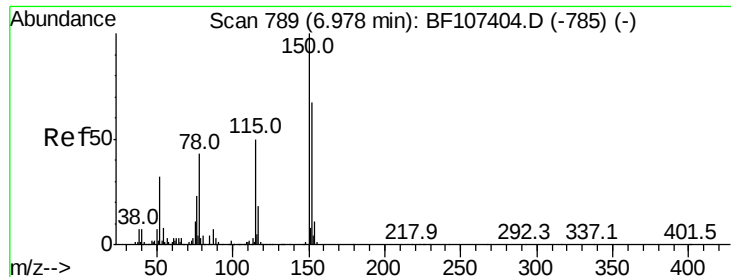
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071818\
Data File : BF107467.D
Acq On : 18 Jul 2018 10:41
Operator : JU/SJ
Sample : PB111134BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB111134BL

Quant Time: Jul 18 13:10:25 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 17 11:29:08 2018
Response via : Initial Calibration



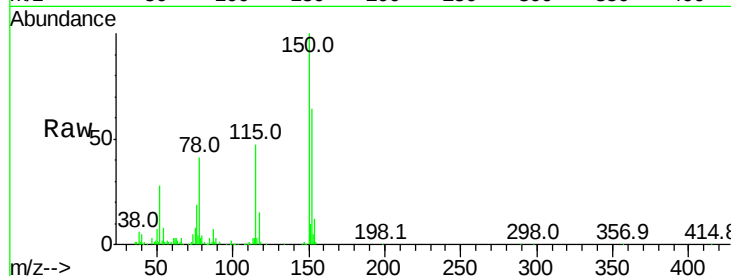


#1

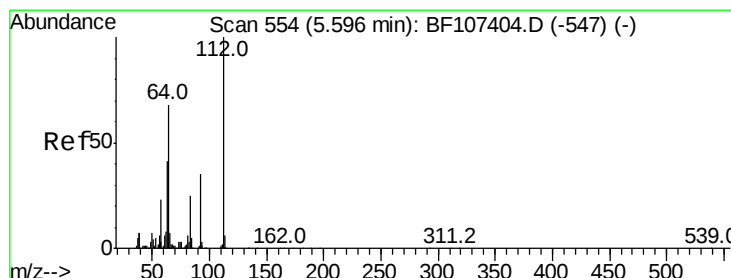
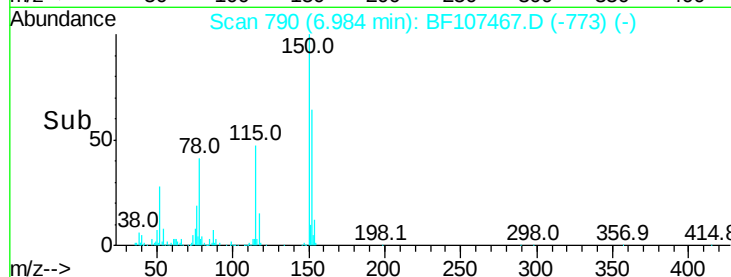
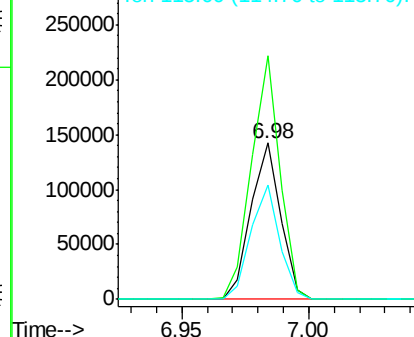
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.98 min Scan# 790
Delta R.T. 0.00 min
Lab File: BF107467.D
Acq: 18 Jul 2018 10:41

Instrument :
BNA_F
ClientSampleId :
PB111134BL

Tot Ion:152 Resp: 116810
Ion Ratio Lower Upper
152 100
150 155.9 124.6 186.8
115 73.1 50.1 75.1



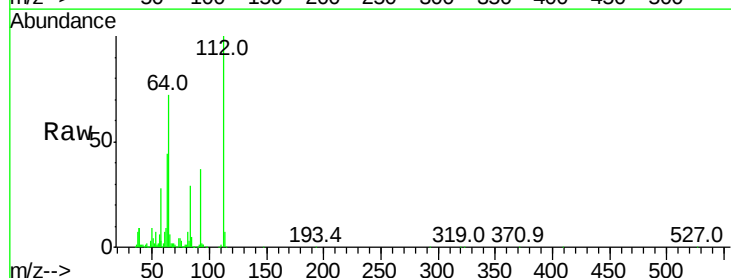
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



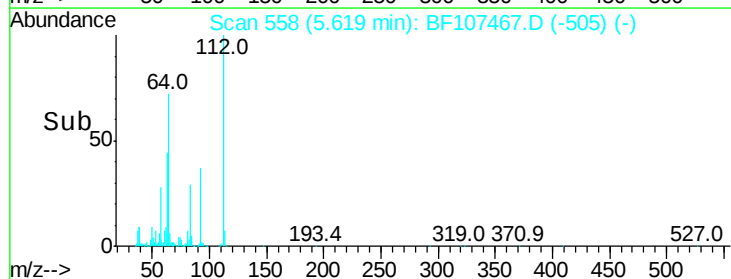
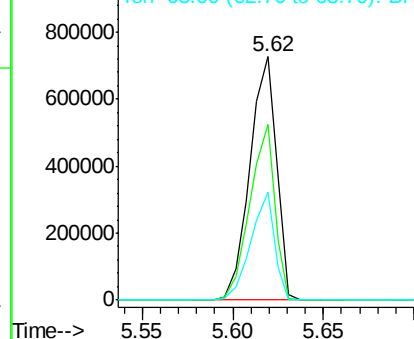
#5

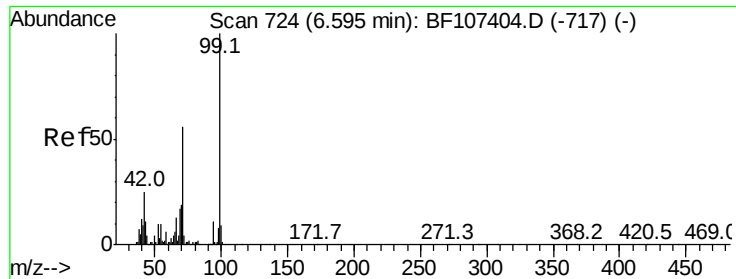
2-Fluorophenol
Concen: 96.461 ng
RT: 5.62 min Scan# 558
Delta R.T. 0.01 min
Lab File: BF107467.D
Acq: 18 Jul 2018 10:41

Tgt Ion:112 Resp: 741907
Ion Ratio Lower Upper
112 100
64 72.0 47.9 71.9#
63 44.4 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: 95.825 ng

RT: 6.61 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF107467.D

Acq: 18 Jul 2018 10:41

Instrument :

BNA_F

ClientSampleId :

PB111134BL

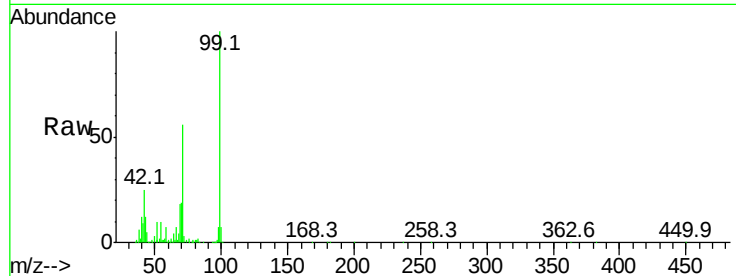
Tot Ion: 99 Resp: 952869

Ion Ratio Lower Upper

99 100

42 25.5 14.5 21.7#

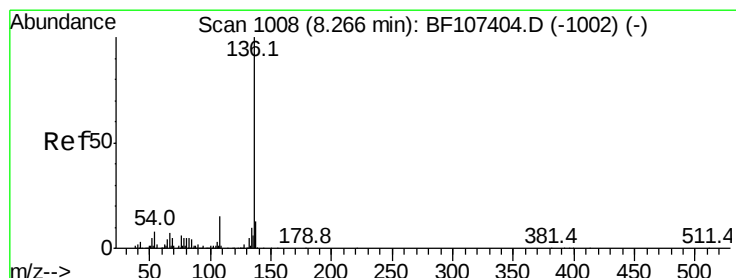
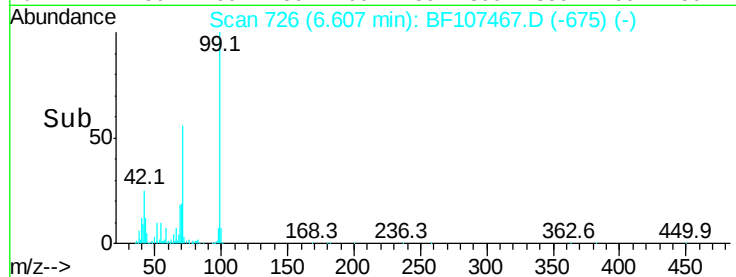
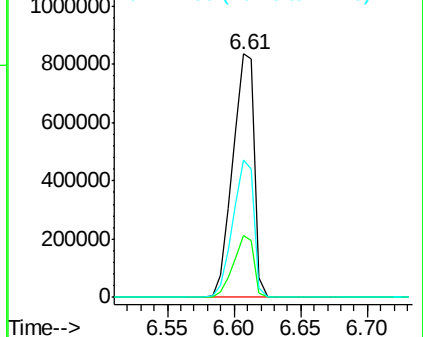
71 56.5 25.4 38.0#



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: 8.27 min Scan# 1008

Delta R.T. -0.01 min

Lab File: BF107467.D

Acq: 18 Jul 2018 10:41

Tgt Ion: 136 Resp: 442418

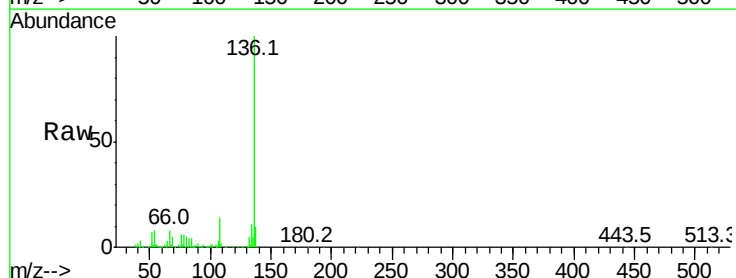
Ion Ratio Lower Upper

136 100

137 10.1 8.9 13.3

54 8.1 6.6 9.8

68 4.7 5.0 7.4#

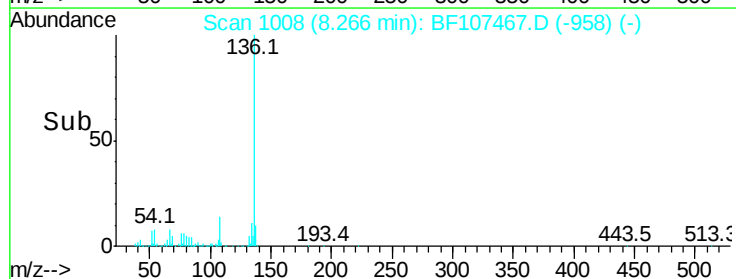
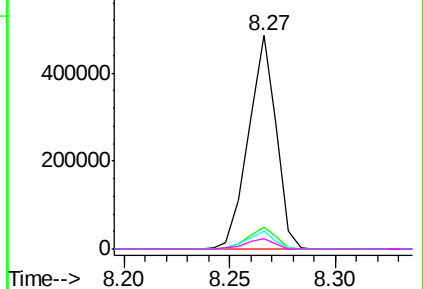


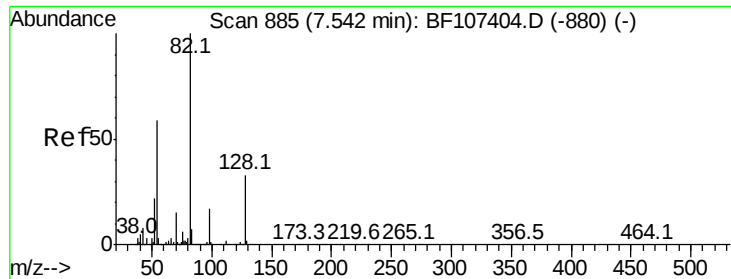
Abundance Ion 136.00 (135.70 to 136.70): E

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

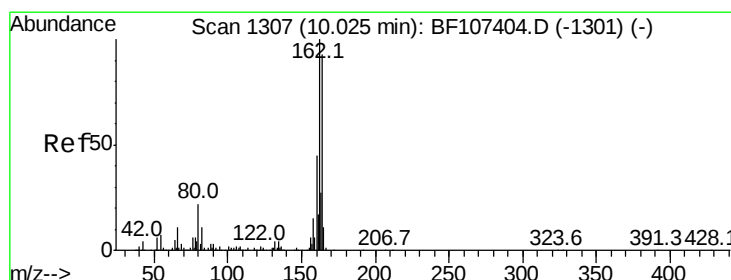
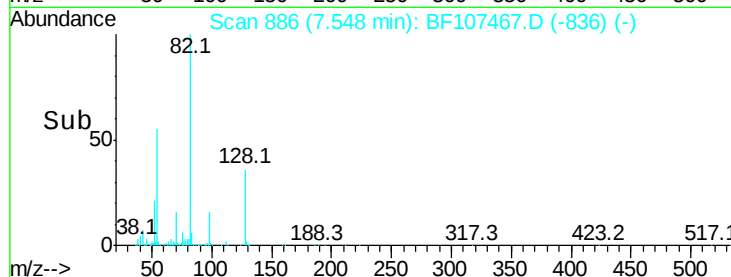
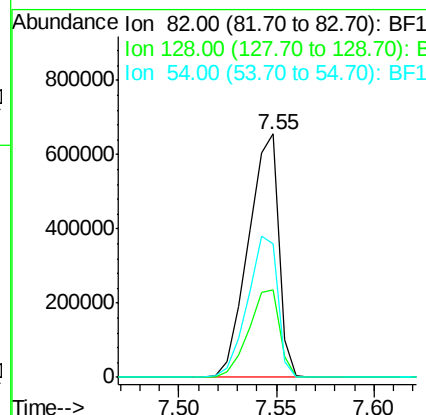
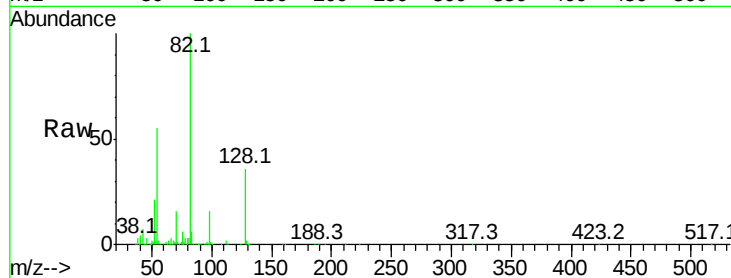




#23
 Nitrobenzene-d5
 Concen: 85.541 ng
 RT: 7.55 min Scan# 886
 Delta R.T. -0.01 min
 Lab File: BF107467.D
 Acq: 18 Jul 2018 10:41

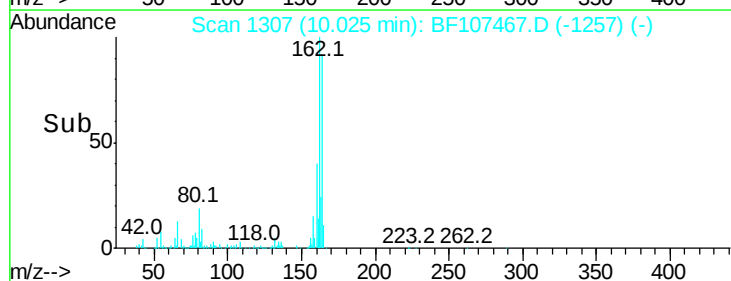
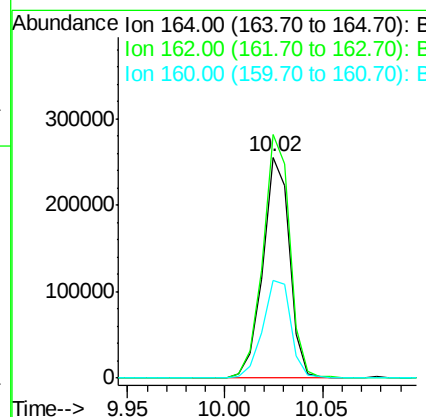
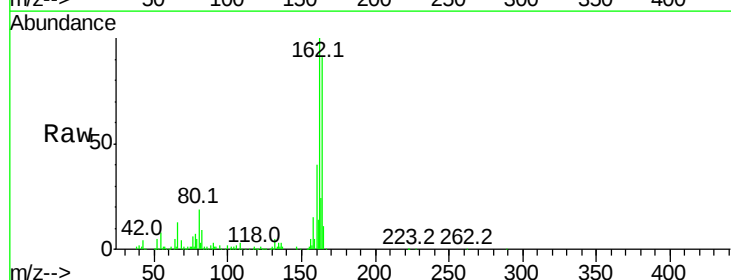
Instrument :
 BNA_F
 ClientSampleId :
 PB111134BL

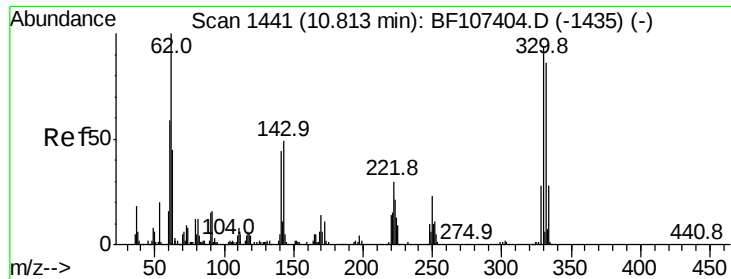
Tot Ion	82	Resp	709715
Ion Ratio	Lower	Upper	
82	100		
128	36.2	36.1	54.1
54	54.7	41.4	62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.02 min Scan# 1307
 Delta R.T. -0.01 min
 Lab File: BF107467.D
 Acq: 18 Jul 2018 10:41

Tgt Ion	164	Resp	242443
Ion Ratio	Lower	Upper	
164	100		
162	110.1	86.1	129.1
160	44.5	38.3	57.5

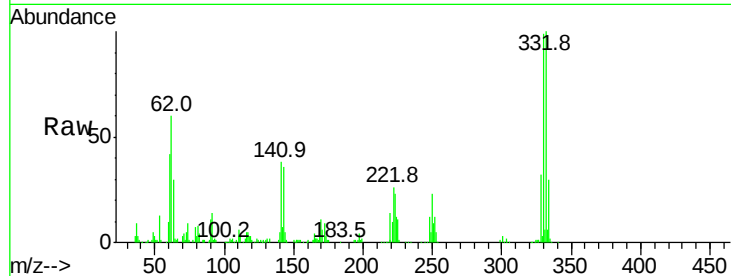




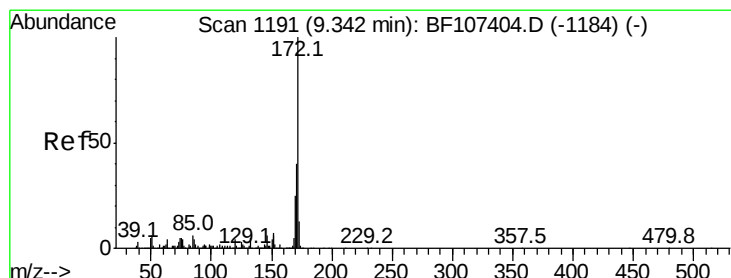
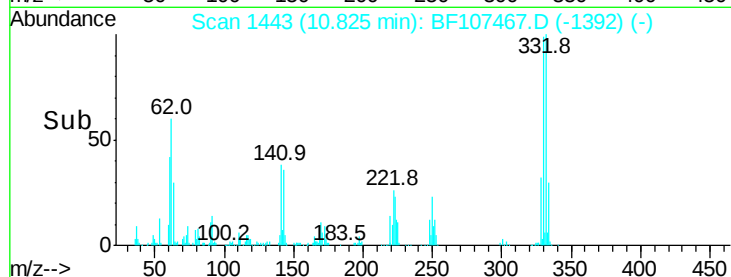
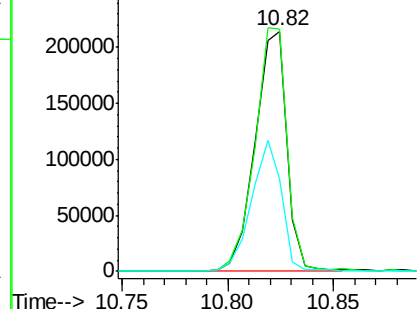
#41
 2,4,6-Tribromophenol
 Concen: 105.494 ng
 RT: 10.82 min Scan# 1443
 Delta R.T. 0.00 min
 Lab File: BF107467.D
 Acq: 18 Jul 2018 10:41

Instrument :
 BNA_F
 ClientSampleId :
 PB111134BL

Tot Ion:330 Resp: 224718
 Ion Ratio Lower Upper
 330 100
 332 103.1 77.0 115.6
 141 51.7 29.9 44.9#

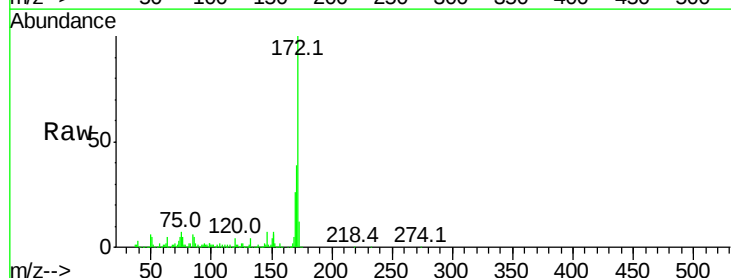


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

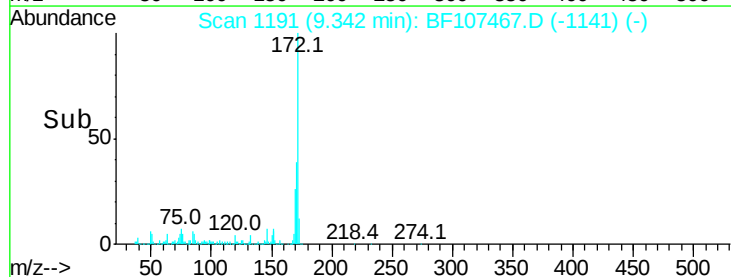
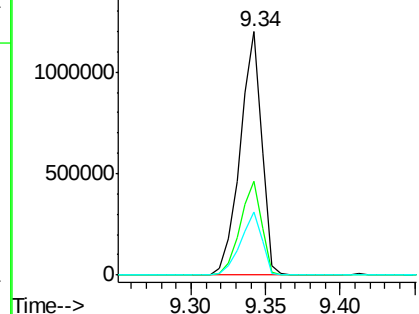


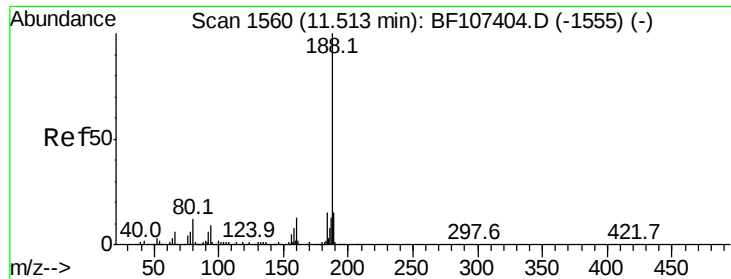
#44
 2-Fluorobiphenyl
 Concen: 83.258 ng
 RT: 9.34 min Scan# 1191
 Delta R.T. -0.01 min
 Lab File: BF107467.D
 Acq: 18 Jul 2018 10:41

Tgt Ion:172 Resp: 1213867
 Ion Ratio Lower Upper
 172 100
 171 38.5 29.7 44.5
 170 26.0 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





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.52 min Scan# 1561

Delta R.T. -0.01 min

Lab File: BF107467.D

Acq: 18 Jul 2018 10:41

Instrument :

BNA_F

ClientSampleId :

PB111134BL

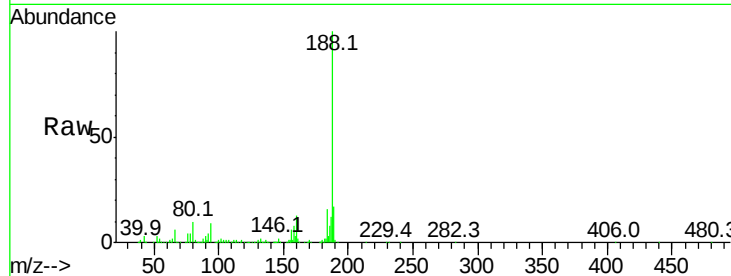
Tot Ion:188 Resp: 540849

Ion Ratio Lower Upper

188 100

94 8.6 8.5 12.7

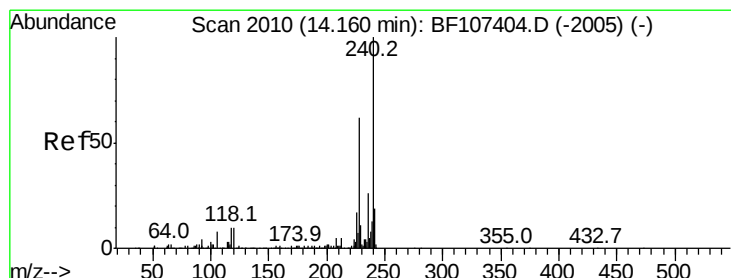
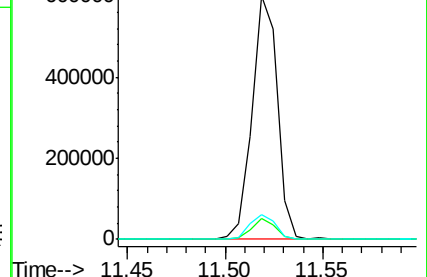
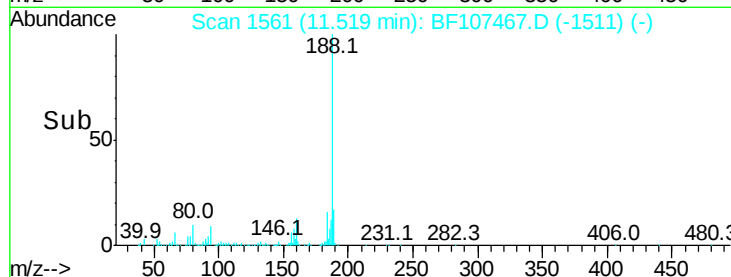
80 10.4 9.2 13.8



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: 14.17 min Scan# 2011

Delta R.T. -0.01 min

Lab File: BF107467.D

Acq: 18 Jul 2018 10:41

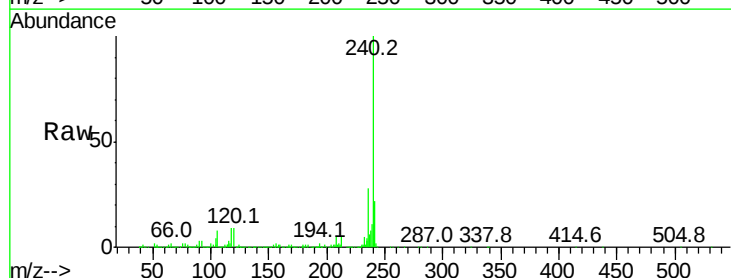
Tgt Ion:240 Resp: 500950

Ion Ratio Lower Upper

240 100

120 8.6 9.5 14.3#

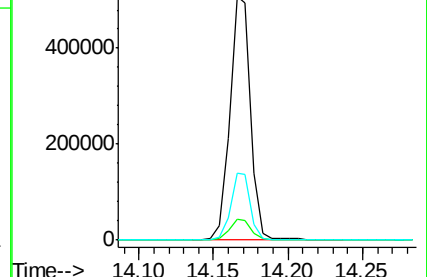
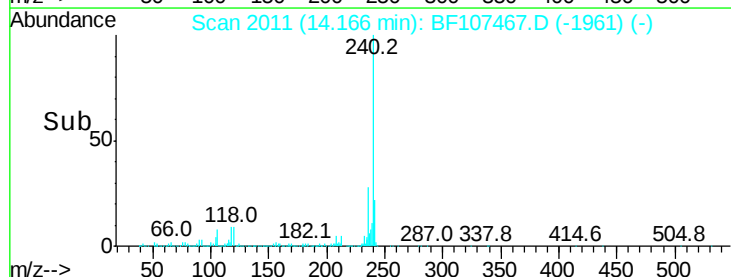
236 27.6 20.7 31.1

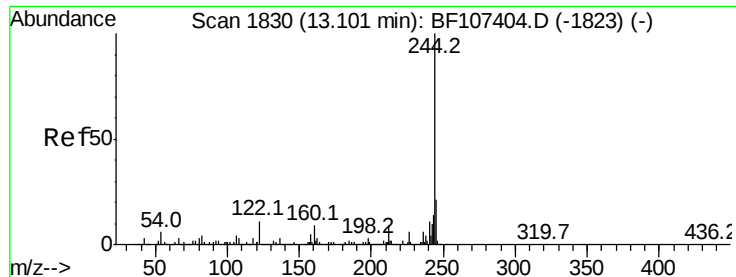


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 77.539 ng

RT: 13.11 min Scan# 1832

Delta R.T. 0.01 min

Lab File: BF107467.D

Acq: 18 Jul 2018 10:41

Instrument :

BNA_F

ClientSampleId :

PB111134BL

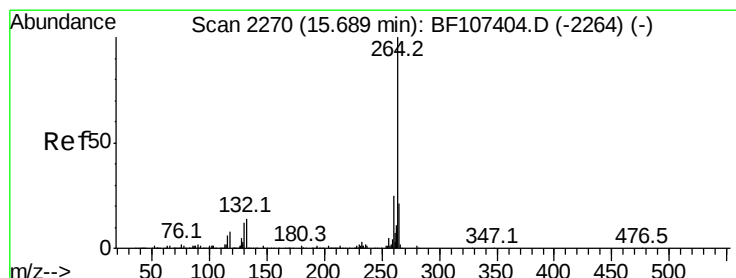
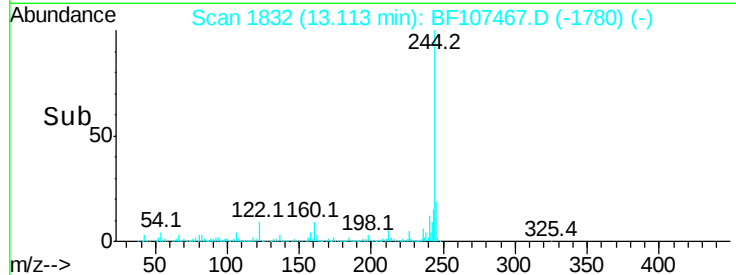
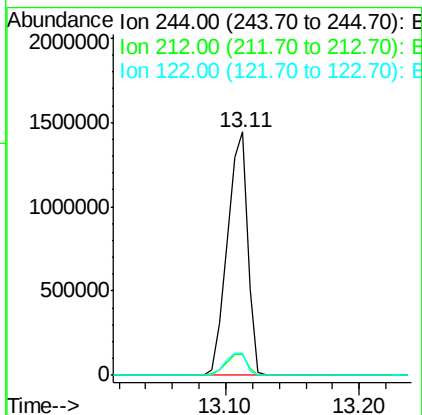
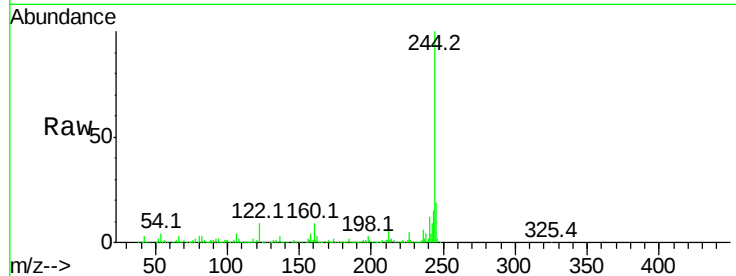
Tot Ion:244 Resp: 1563372

Ion Ratio Lower Upper

244 100

212 8.5 5.4 8.0#

122 9.1 11.0 16.4#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.71 min Scan# 2273

Delta R.T. 0.00 min

Lab File: BF107467.D

Acq: 18 Jul 2018 10:41

Tgt Ion:264 Resp: 356775

Ion Ratio Lower Upper

264 100

260 26.2 19.2 28.8

265 21.3 17.5 26.3

