

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062618\
 Data File : BF106858.D
 Acq On : 27 Jun 2018 7:44
 Operator : JU/SJ
 Sample : J3687-04
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PE-4

Quant Time: Jun 27 08:49:30 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 25 18:50:17 2018
 Response via : Initial Calibration

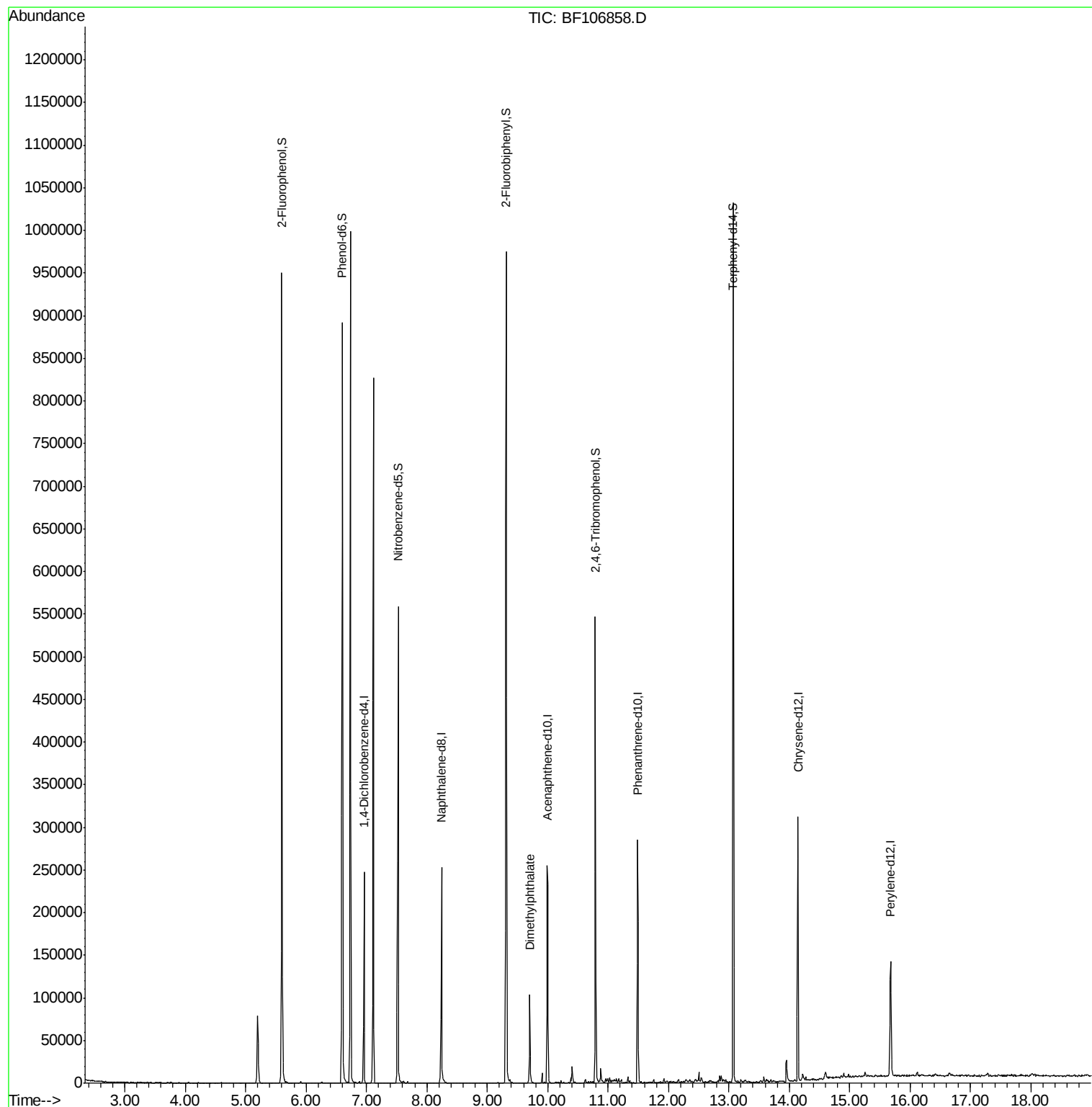
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	38823	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	131993	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	56807	20.00	ng	-0.01
63) Phenanthrene-d10	11.49	188	109484	20.00	ng	-0.01
75) Chrysene-d12	14.14	240	116326	20.00	ng	-0.02
86) Perylene-d12	15.68	264	75504	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	277632	121.09	ng	0.00
7) Phenol-d6	6.60	99	340554	118.94	ng	-0.01
23) Nitrobenzene-d5	7.52	82	199474	83.99	ng	-0.01
41) 2,4,6-Tribromophenol	10.80	330	82314	125.02	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	318026	96.81	ng	-0.01
78) Terphenyl-d14	13.07	244	387505	80.69	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	9.70	163	49619	11.646	ng	97

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

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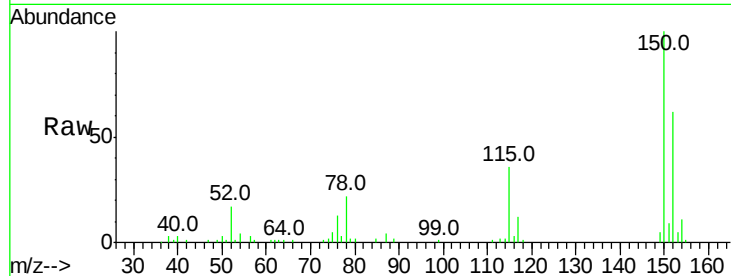


#1

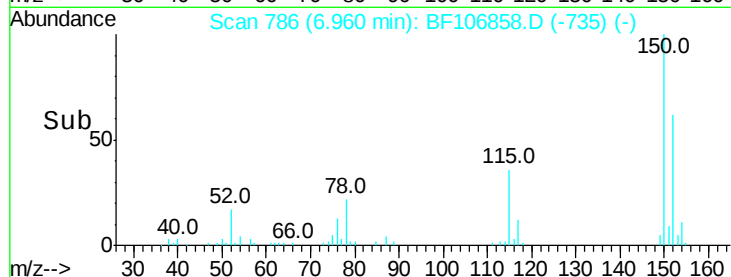
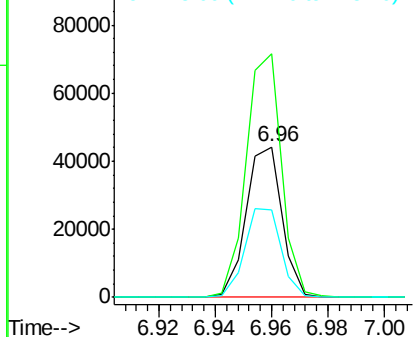
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. -0.00 min
Lab File: BF106858.D
Acq: 27 Jun 2018 7:44

Instrument :
BNA_F
ClientSampleId :
PE-4

Tot Ion:152 Resp: 38823
Ion Ratio Lower Upper
152 100
150 161.7 124.6 186.8
115 58.4 50.1 75.1



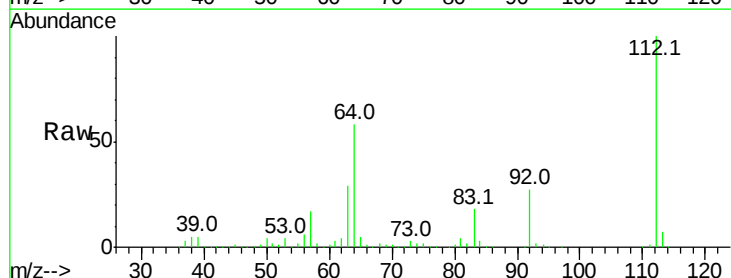
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



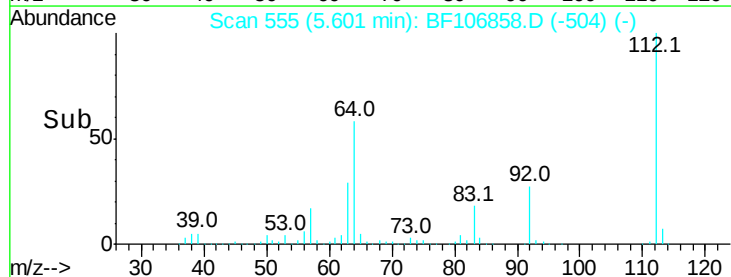
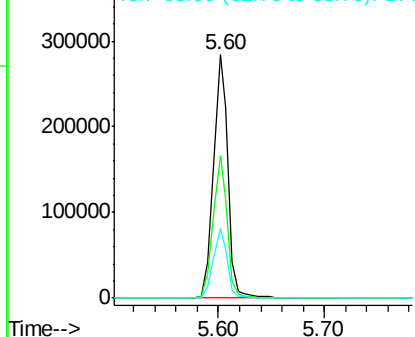
#5

2-Fluorophenol
Concen: 121.093 ng
RT: 5.60 min Scan# 555
Delta R.T. -0.00 min
Lab File: BF106858.D
Acq: 27 Jun 2018 7:44

Tgt Ion:112 Resp: 277632
Ion Ratio Lower Upper
112 100
64 58.3 47.9 71.9
63 28.6 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: 118.943 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF106858.D

Acq: 27 Jun 2018 7:44

Instrument :

BNA_F

ClientSampleId :

PE-4

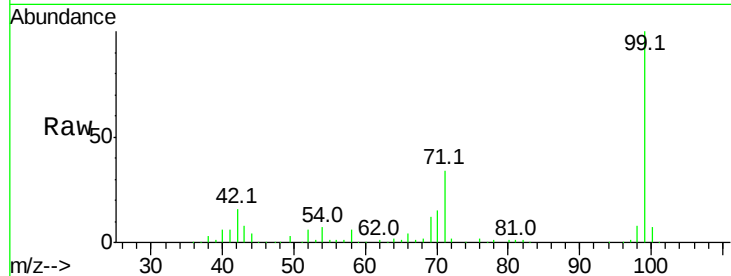
Tot Ion: 99 Resp: 340554

Ion Ratio Lower Upper

99 100

42 15.9 14.5 21.7

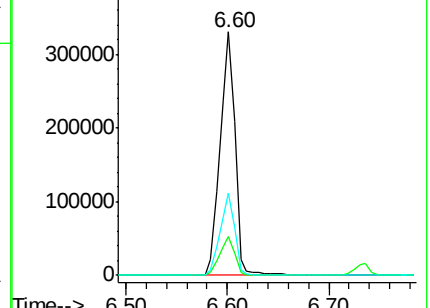
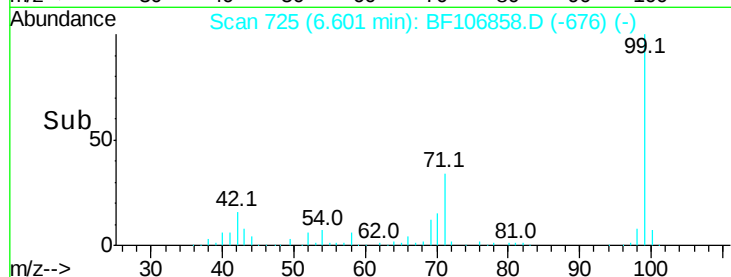
71 34.0 25.4 38.0



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: 8.24 min Scan# 1004

Delta R.T. -0.01 min

Lab File: BF106858.D

Acq: 27 Jun 2018 7:44

Tgt Ion: 136 Resp: 131993

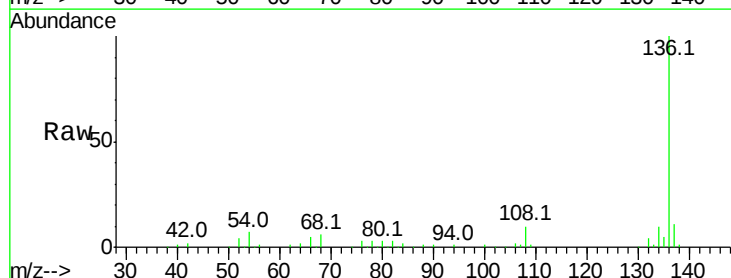
Ion Ratio Lower Upper

136 100

137 10.6 8.9 13.3

54 7.3 6.6 9.8

68 5.8 5.0 7.4

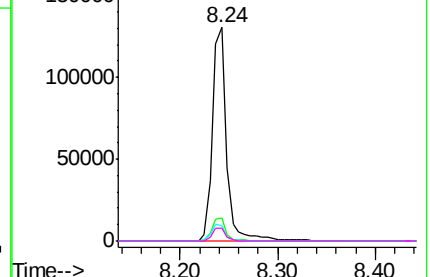
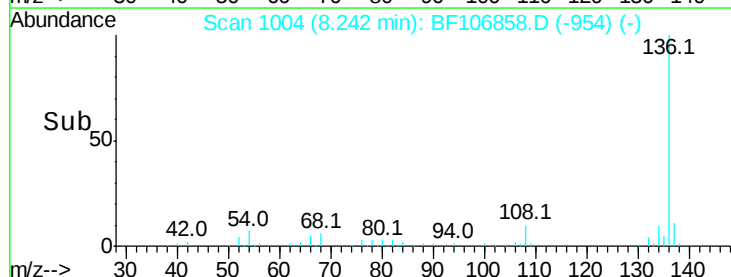


Abundance Ion 136.00 (135.70 to 136.70): E

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

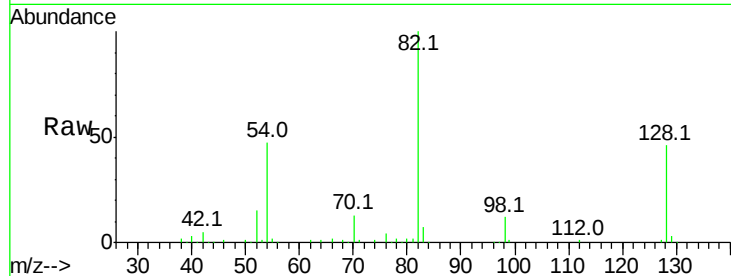




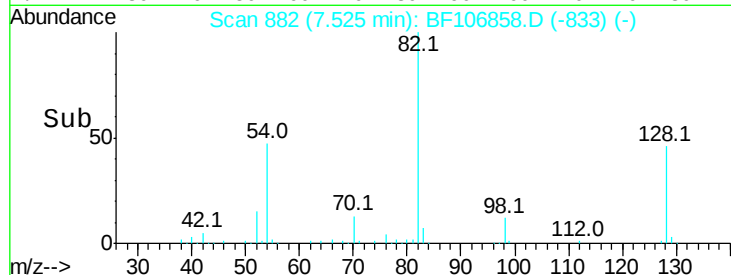
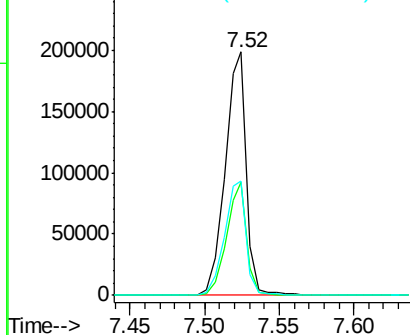
#23
Nitrobenzene-d5
Concen: 83.985 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF106858.D
Acq: 27 Jun 2018 7:44

Instrument :
BNA_F
ClientSampleId :
PE-4

Tot Ion: 82 Resp: 199474
Ion Ratio Lower Upper
82 100
128 46.4 36.1 54.1
54 47.1 41.4 62.2

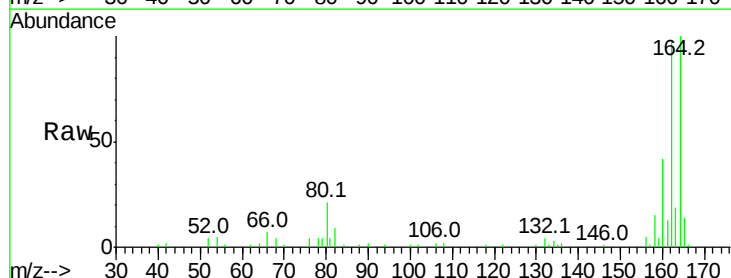


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

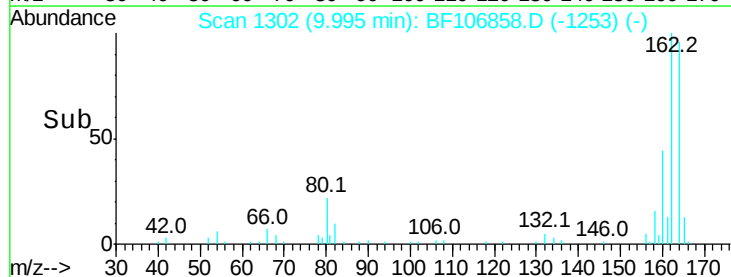
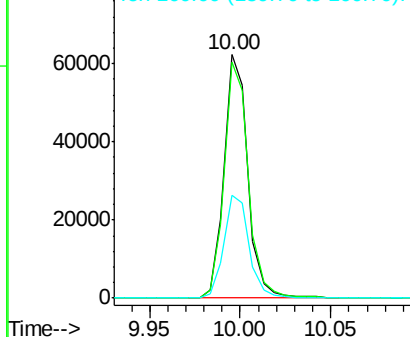


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BF106858.D
Acq: 27 Jun 2018 7:44

Tgt Ion:164 Resp: 56807
Ion Ratio Lower Upper
164 100
162 96.9 86.1 129.1
160 42.1 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

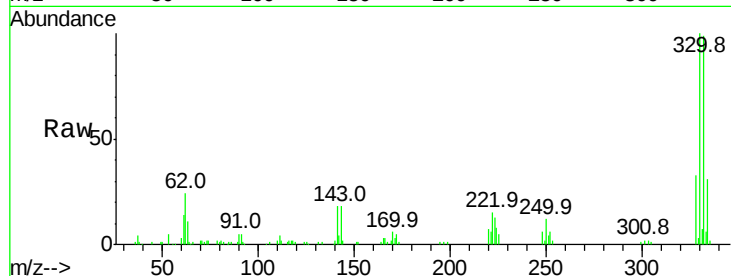




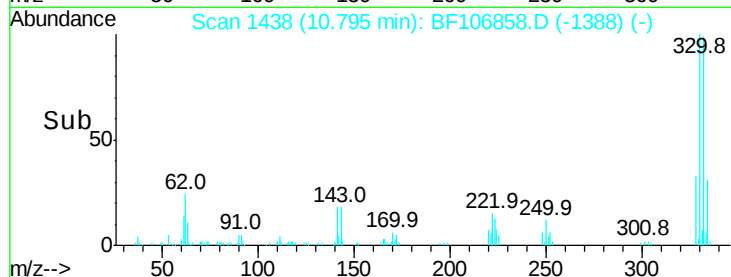
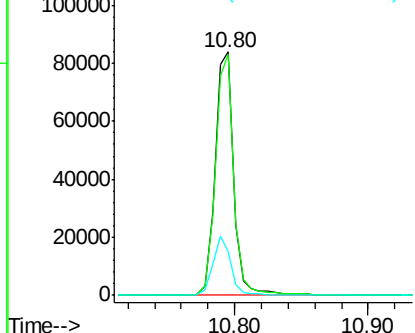
#41
 2,4,6-Tribromophenol
 Concen: 125.020 ng
 RT: 10.80 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF106858.D
 Acq: 27 Jun 2018 7:44

Instrument :
 BNA_F
 ClientSampled :
 PE-4

Tot Ion:330 Resp: 82314
 Ion Ratio Lower Upper
 330 100
 332 97.7 77.0 115.6
 141 23.2 29.9 44.9#

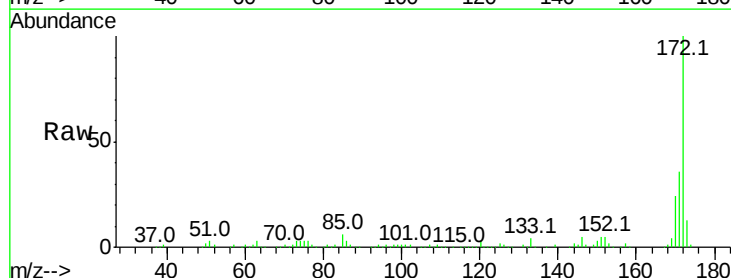


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

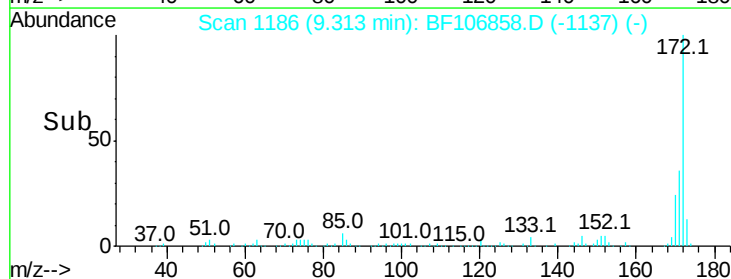
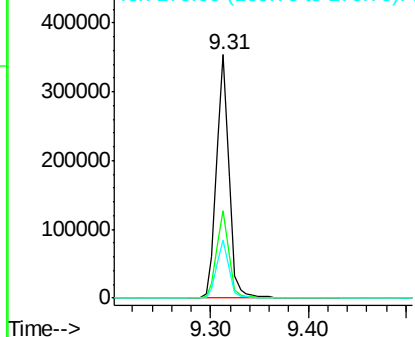


#44
 2-Fluorobiphenyl
 Concen: 96.809 ng
 RT: 9.31 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF106858.D
 Acq: 27 Jun 2018 7:44

Tgt Ion:172 Resp: 318026
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.7 44.5
 170 24.0 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





#49

Dimethylphthalate

Concen: 11.646 ng

RT: 9.70 min Scan# 1252

Delta R.T. -0.02 min

Lab File: BF106858.D

Acq: 27 Jun 2018 7:44

Instrument :

BNA_F

ClientSampleId :

PE-4

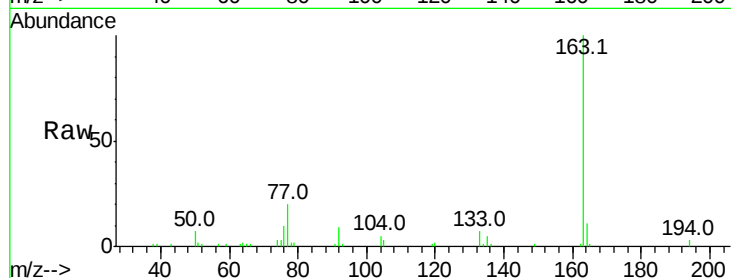
Tot Ion:163 Resp: 49619

Ion Ratio Lower Upper

163 100

194 3.1 2.7 4.1

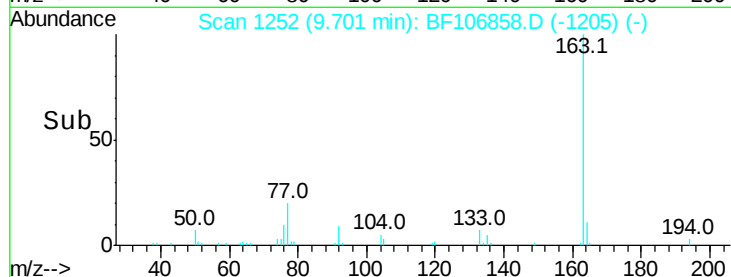
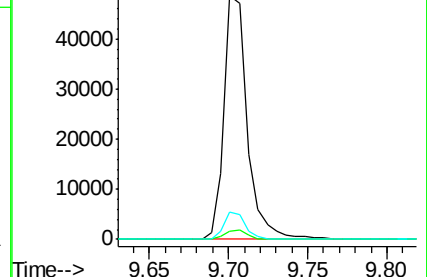
164 11.4 8.2 12.2



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: 11.49 min Scan# 1556

Delta R.T. -0.01 min

Lab File: BF106858.D

Acq: 27 Jun 2018 7:44

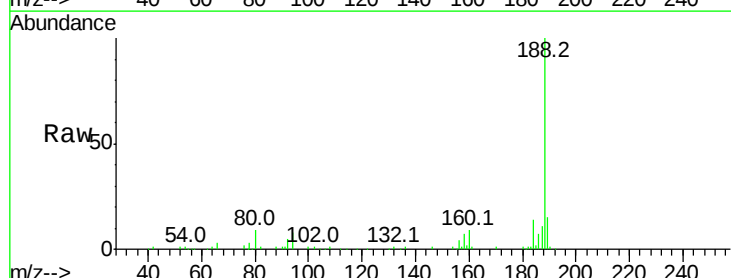
Tgt Ion:188 Resp: 109484

Ion Ratio Lower Upper

188 100

94 8.2 8.5 12.7#

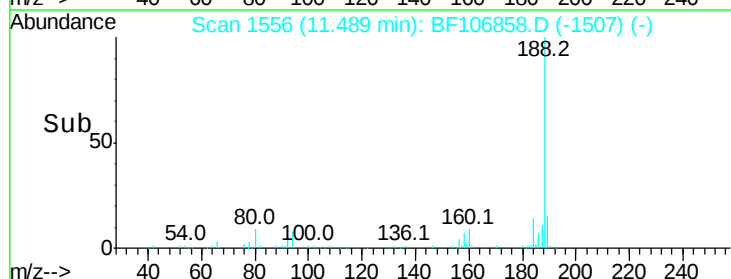
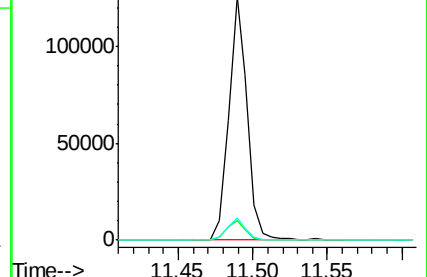
80 9.0 9.2 13.8#

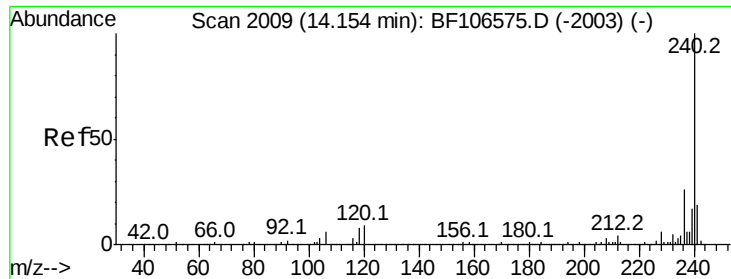


Abundance Ion 188.00 (187.70 to 188.70): E

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# 2007

Delta R.T. -0.02 min

Lab File: BF106858.D

Acq: 27 Jun 2018 7:44

Instrument :

BNA_F

ClientSampleId :

PE-4

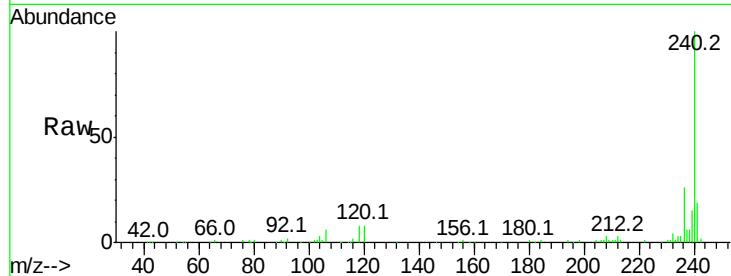
Tot Ion:240 Resp: 116326

Ion Ratio Lower Upper

240 100

120 8.2 9.5 14.3#

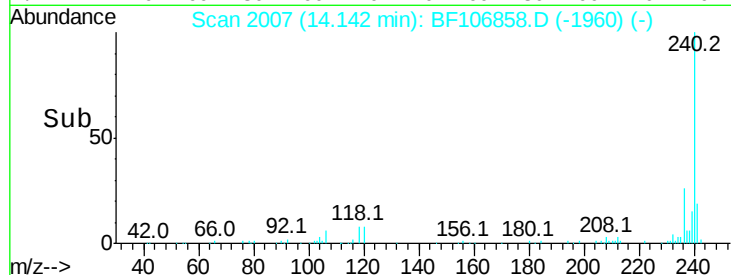
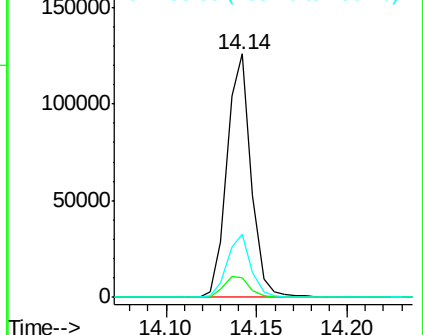
236 25.9 20.7 31.1



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: 80.692 ng

RT: 13.07 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF106858.D

Acq: 27 Jun 2018 7:44

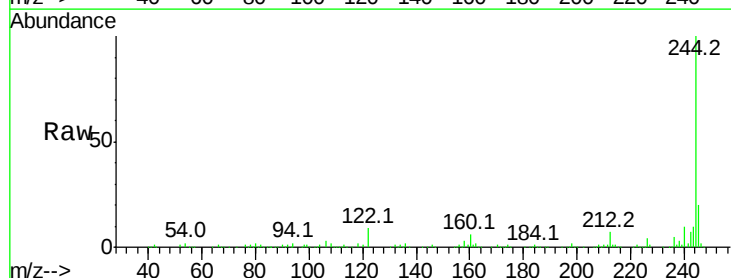
Tgt Ion:244 Resp: 387505

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

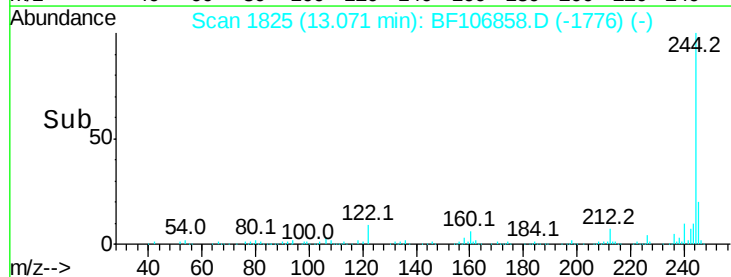
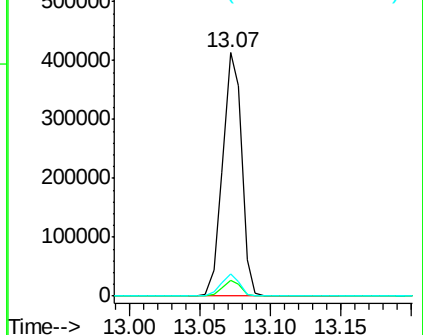
122 9.1 11.0 16.4#



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

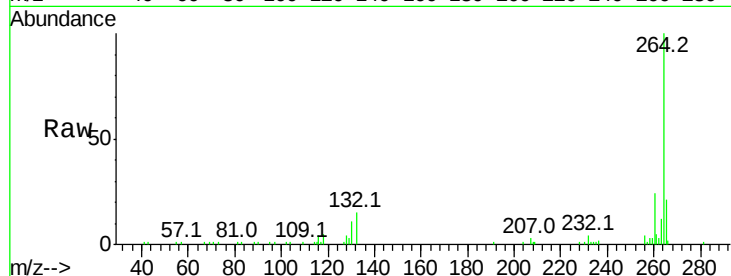




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.68 min Scan# 2268
 Delta R.T. -0.04 min
 Lab File: BF106858.D
 Acq: 27 Jun 2018 7:44

Instrument :
 BNA_F
 ClientSampleId :
 PE-4

Tot Ion:	264	Resp:	75504
Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	21.2	17.5	26.3



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

