

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062618\
 Data File : BF106859.D
 Acq On : 27 Jun 2018 8:11
 Operator : JU/SJ
 Sample : J3687-05
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PE-5

Quant Time: Jun 27 08:50:32 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

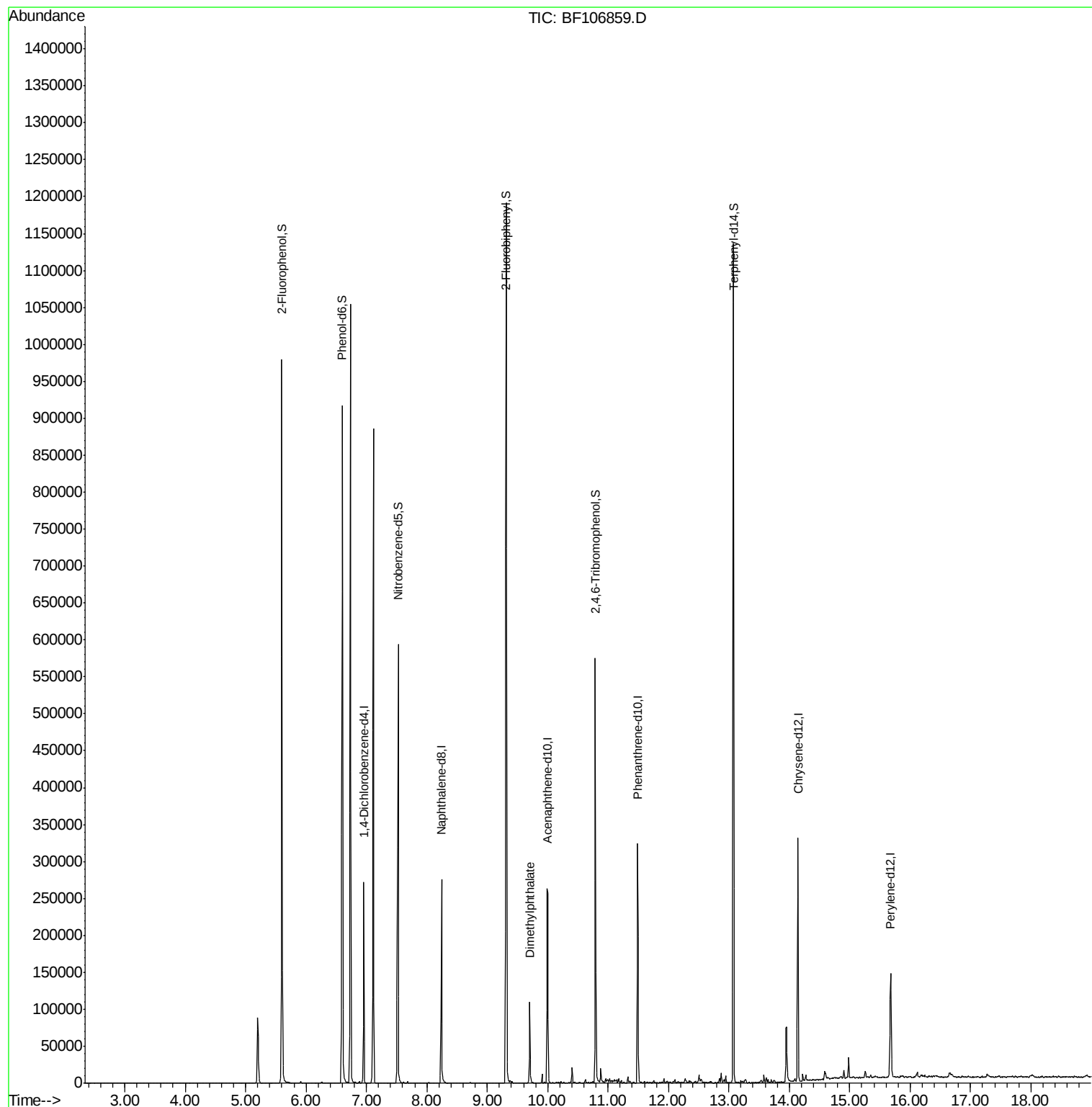
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	41902	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	145526	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	62537	20.00	ng	-0.01
63) Phenanthrene-d10	11.49	188	119588	20.00	ng	-0.01
75) Chrysene-d12	14.14	240	121287	20.00	ng	-0.02
86) Perylene-d12	15.68	264	79895	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	293799	118.73	ng	0.00
7) Phenol-d6	6.60	99	361476	116.97	ng	-0.01
23) Nitrobenzene-d5	7.52	82	222020	84.79	ng	-0.01
41) 2,4,6-Tribromophenol	10.80	330	92061	127.01	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	393323	110.96	ng	-0.01
78) Terphenyl-d14	13.08	244	451853	90.24	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.70	163	51032	10.880	ng	98

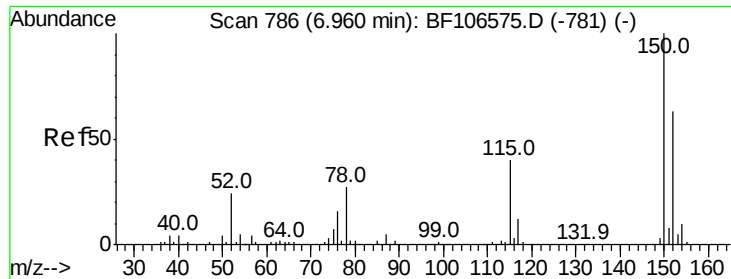
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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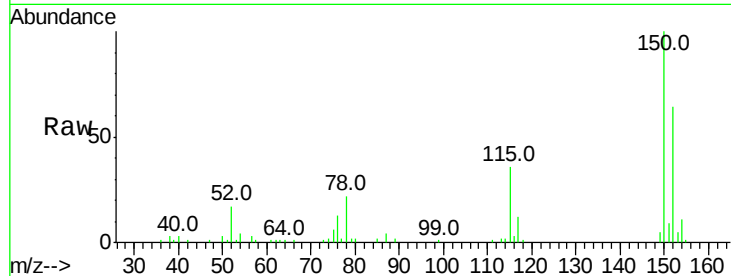


#1

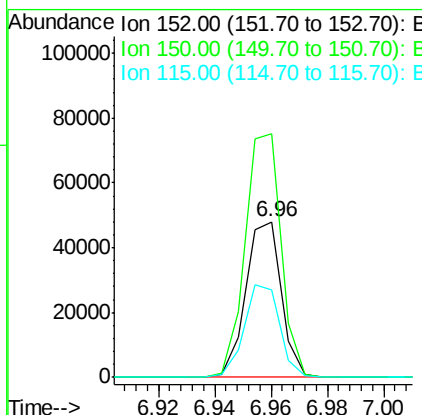
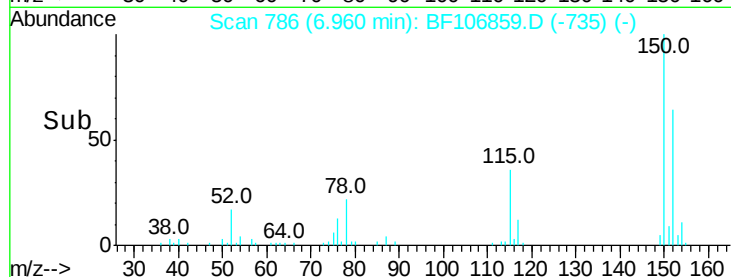
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.96 min Scan# 786
 Delta R.T. 0.00 min
 Lab File: BF106859.D
 Acq: 27 Jun 2018 8:11

Instrument :
 BNA_F
 ClientSampled :
 PE-5

Tot Ion:152 Resp: 41902
 Ion Ratio Lower Upper
 152 100
 150 156.3 124.6 186.8
 115 56.2 50.1 75.1



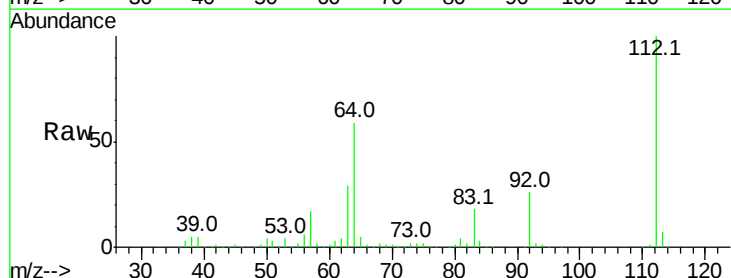
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



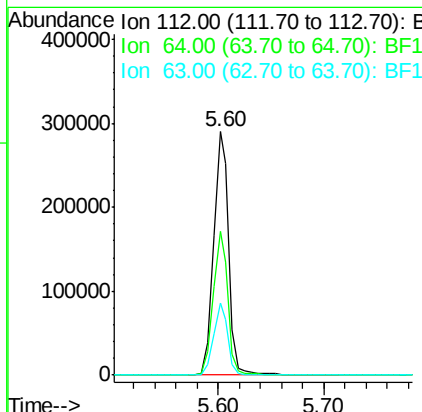
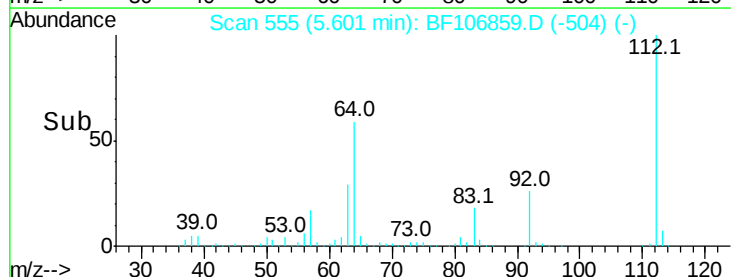
#5

2-Fluorophenol
 Concen: 118.728 ng
 RT: 5.60 min Scan# 555
 Delta R.T. 0.00 min
 Lab File: BF106859.D
 Acq: 27 Jun 2018 8:11

Tgt Ion:112 Resp: 293799
 Ion Ratio Lower Upper
 112 100
 64 59.2 47.9 71.9
 63 29.4 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: 116.974 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF106859.D

Acq: 27 Jun 2018 8:11

Instrument :

BNA_F

ClientSampleId :

PE-5

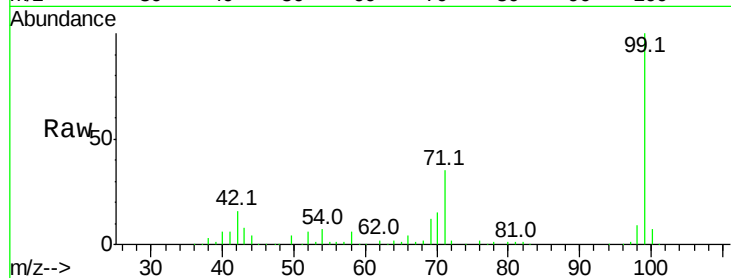
Tot Ion: 99 Resp: 361476

Ion Ratio Lower Upper

99 100

42 16.4 14.5 21.7

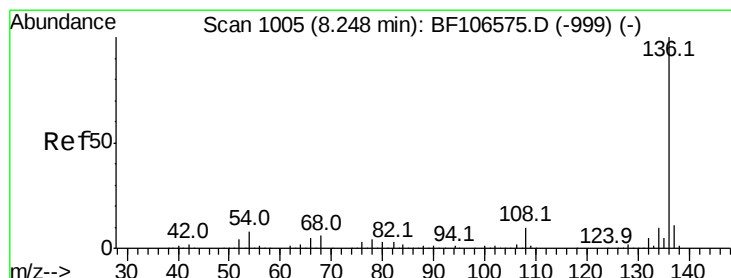
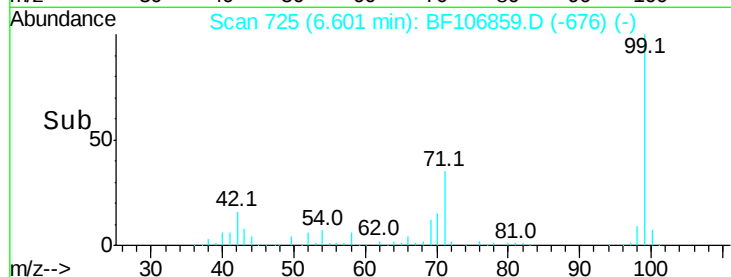
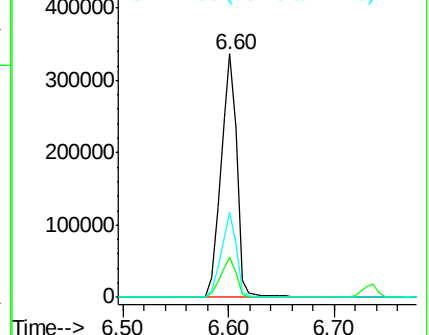
71 34.6 25.4 38.0



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: 8.24 min Scan# 1004

Delta R.T. -0.01 min

Lab File: BF106859.D

Acq: 27 Jun 2018 8:11

Tgt Ion: 136 Resp: 145526

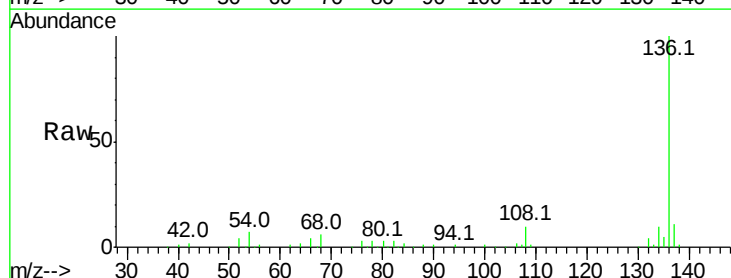
Ion Ratio Lower Upper

136 100

137 10.5 8.9 13.3

54 7.1 6.6 9.8

68 5.5 5.0 7.4

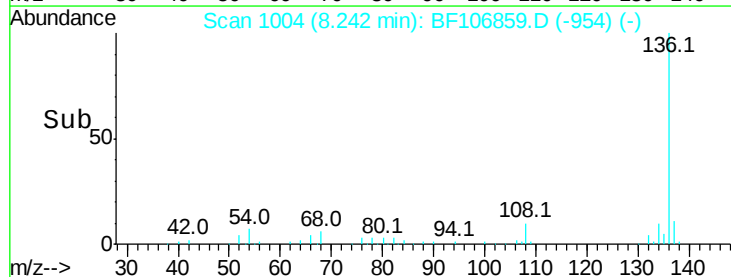
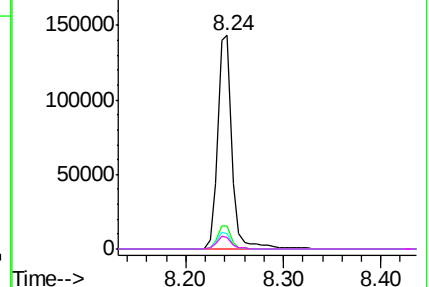


Abundance Ion 136.00 (135.70 to 136.70): E

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

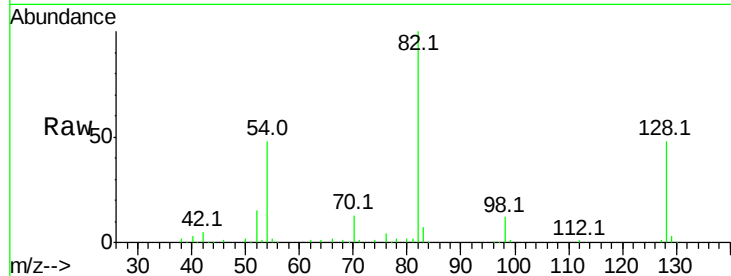




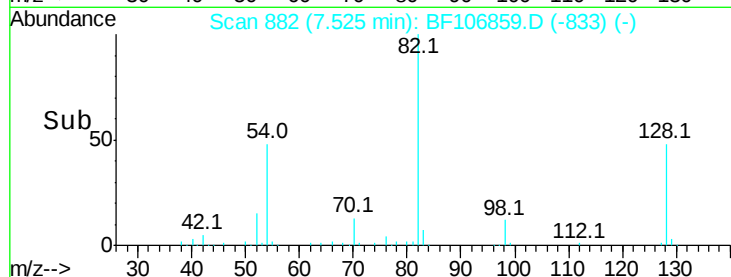
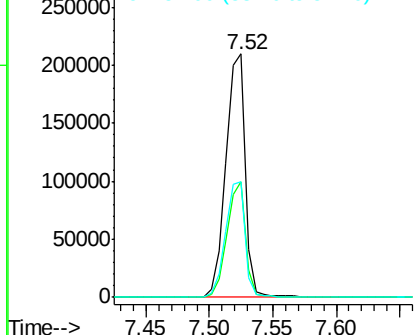
#23
 Nitrobenzene-d5
 Concen: 84.785 ng
 RT: 7.52 min Scan# 882
 Delta R.T. -0.01 min
 Lab File: BF106859.D
 Acq: 27 Jun 2018 8:11

Instrument :
 BNA_F
 ClientSampleId :
 PE-5

Tot Ion: 82 Resp: 222020
 Ion Ratio Lower Upper
 82 100
 128 47.6 36.1 54.1
 54 47.5 41.4 62.2

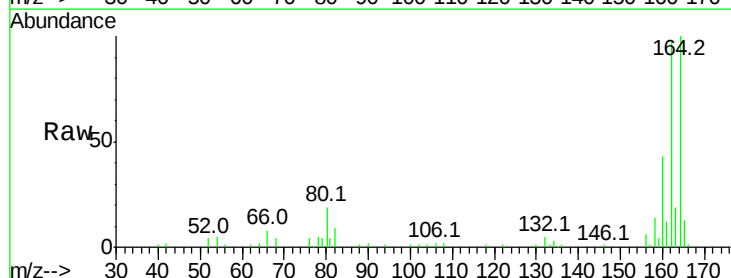


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

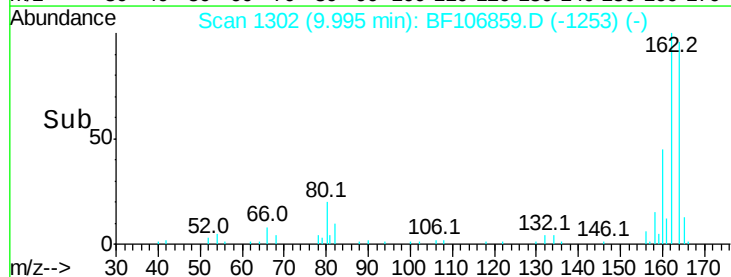
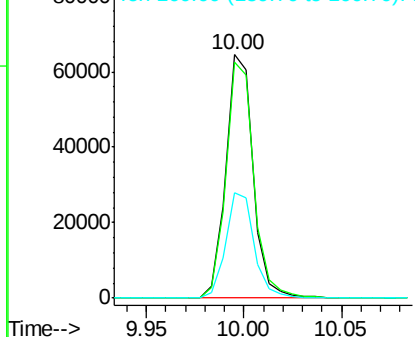


#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.00 min Scan# 1302
 Delta R.T. -0.01 min
 Lab File: BF106859.D
 Acq: 27 Jun 2018 8:11

Tgt Ion: 164 Resp: 62537
 Ion Ratio Lower Upper
 164 100
 162 96.8 86.1 129.1
 160 43.3 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

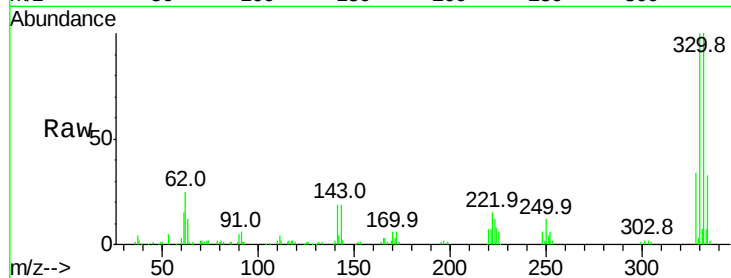




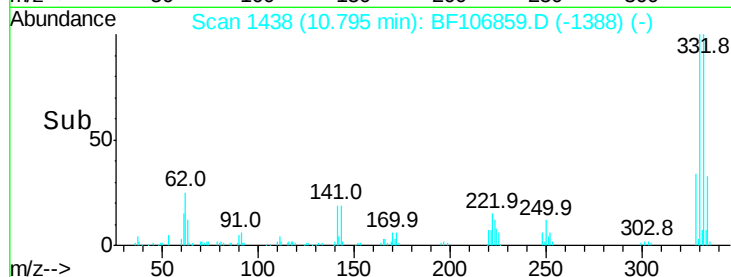
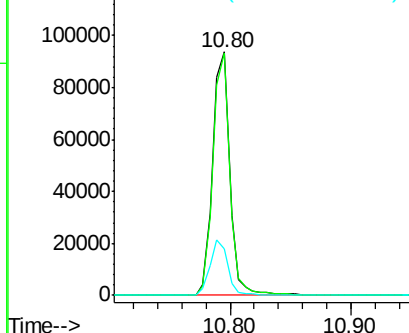
#41
 2,4,6-Tribromophenol
 Concen: 127.012 ng
 RT: 10.80 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF106859.D
 Acq: 27 Jun 2018 8:11

Instrument :
 BNA_F
 ClientSampleId :
 PE-5

Tot Ion:330 Resp: 92061
 Ion Ratio Lower Upper
 330 100
 332 97.8 77.0 115.6
 141 23.0 29.9 44.9#

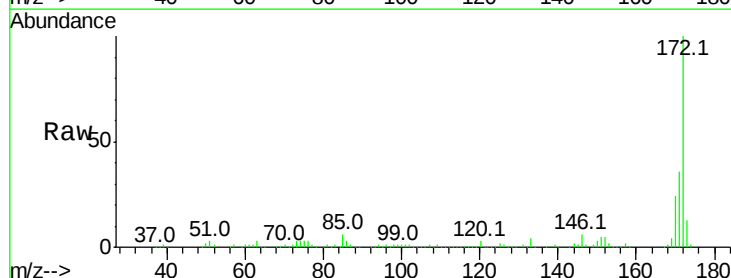


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

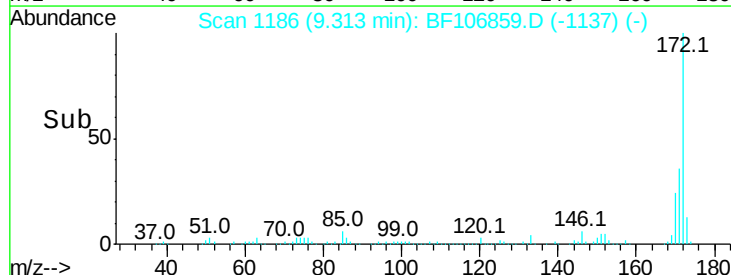
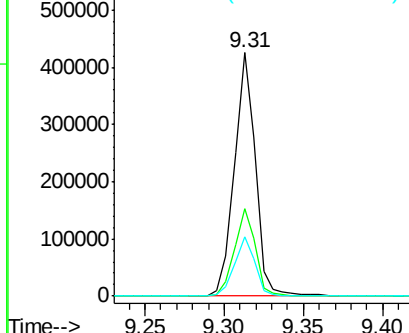


#44
 2-Fluorobiphenyl
 Concen: 110.962 ng
 RT: 9.31 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF106859.D
 Acq: 27 Jun 2018 8:11

Tgt Ion:172 Resp: 393323
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.7 44.5
 170 24.2 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: 10.880 ng

RT: 9.70 min Scan# 1252

Delta R.T. -0.02 min

Lab File: BF106859.D

Acq: 27 Jun 2018 8:11

Instrument :

BNA_F

ClientSampleId :

PE-5

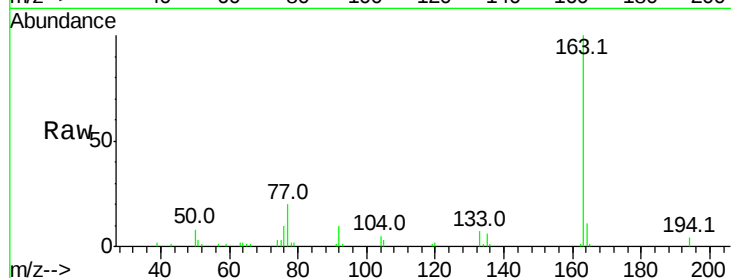
Tot Ion:163 Resp: 51032

Ion Ratio Lower Upper

163 100

194 4.0 2.7 4.1

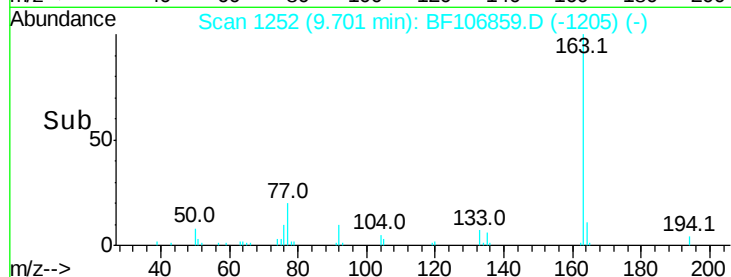
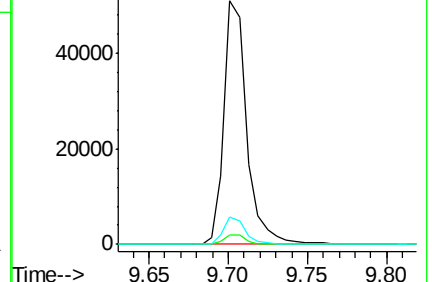
164 11.0 8.2 12.2



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: BF106859.D

Acq: 27 Jun 2018 8:11

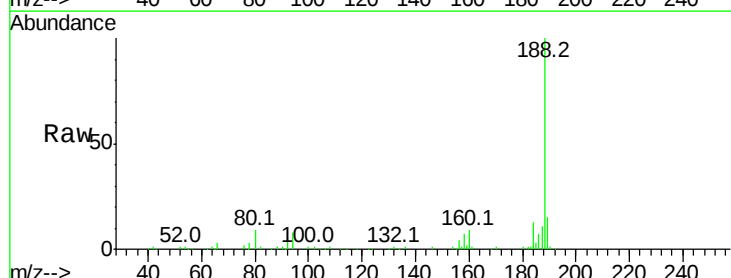
Tgt Ion:188 Resp: 119588

Ion Ratio Lower Upper

188 100

94 8.4 8.5 12.7#

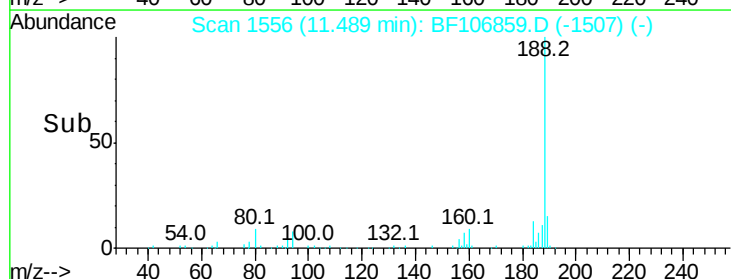
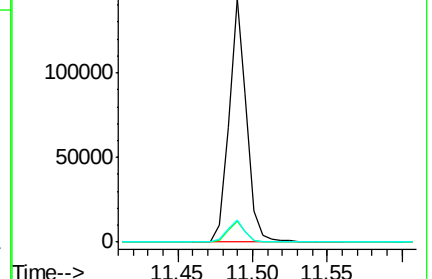
80 8.9 9.2 13.8#

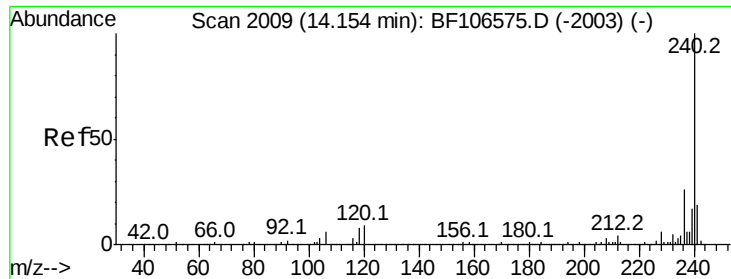


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

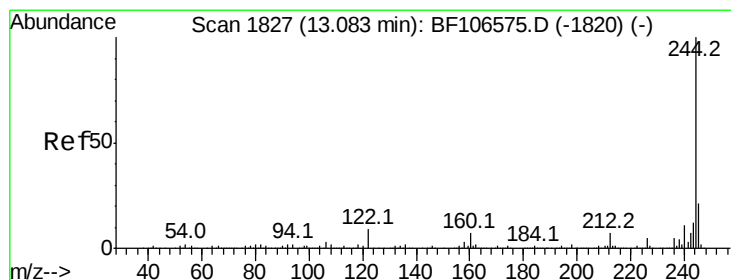
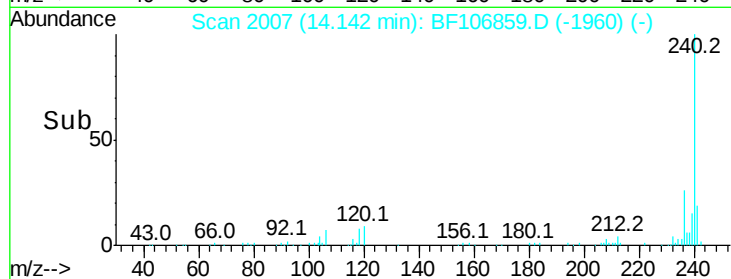
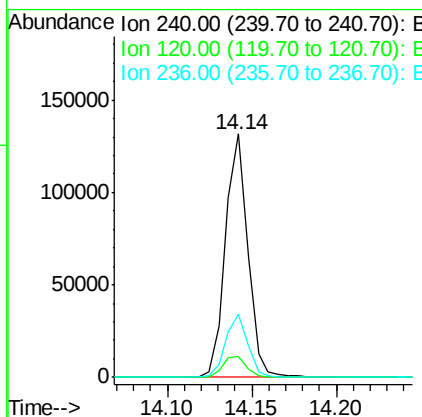
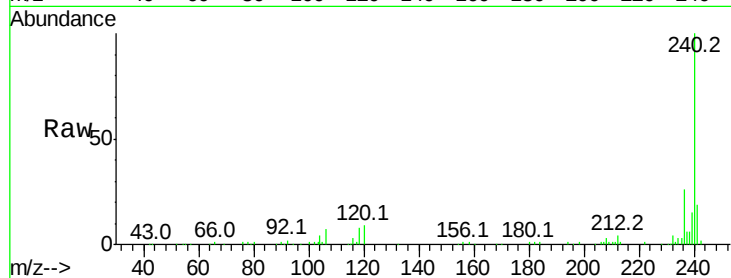




#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.14 min Scan# 2007
 Delta R.T. -0.02 min
 Lab File: BF106859.D
 Acq: 27 Jun 2018 8:11

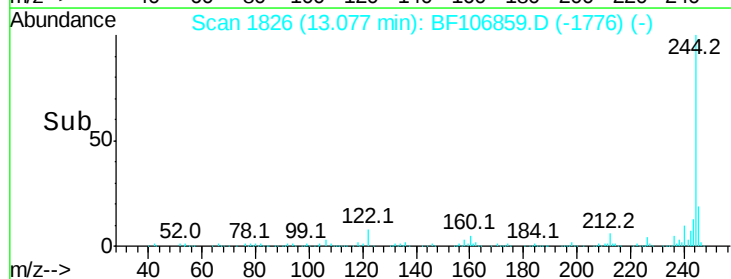
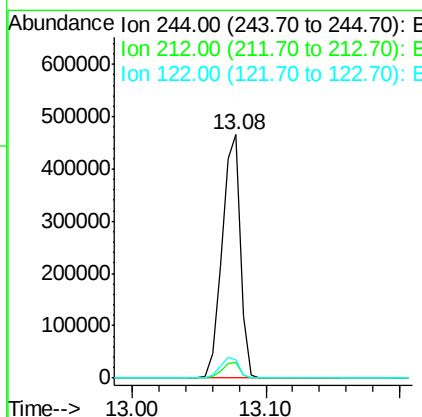
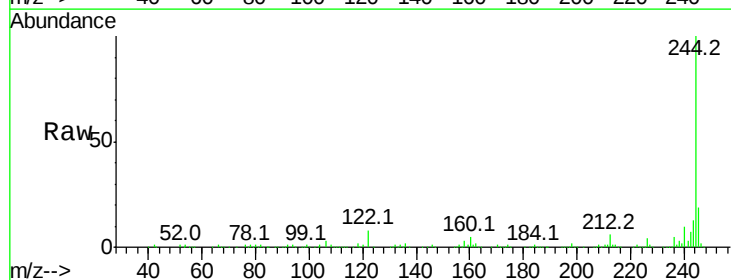
Instrument :
 BNA_F
 ClientSampleId :
 PE-5

Tot Ion:240 Resp: 121287
 Ion Ratio Lower Upper
 240 100
 120 8.6 9.5 14.3#
 236 26.2 20.7 31.1



#78
 Terphenyl-d14
 Concen: 90.242 ng
 RT: 13.08 min Scan# 1826
 Delta R.T. -0.01 min
 Lab File: BF106859.D
 Acq: 27 Jun 2018 8:11

Tgt Ion:244 Resp: 451853
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.4 8.0
 122 7.6 11.0 16.4#





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.68 min Scan# 2268
 Delta R.T. -0.04 min
 Lab File: BF106859.D
 Acq: 27 Jun 2018 8:11

Instrument :
 BNA_F
 ClientSampleId :
 PE-5

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.5	19.2	28.8
265	20.8	17.5	26.3

