

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062818\
 Data File : BF106959.D
 Acq On : 29 Jun 2018 8:53
 Operator : JU/SJ
 Sample : J3705-04
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-3

Quant Time: Jun 29 11:15:01 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

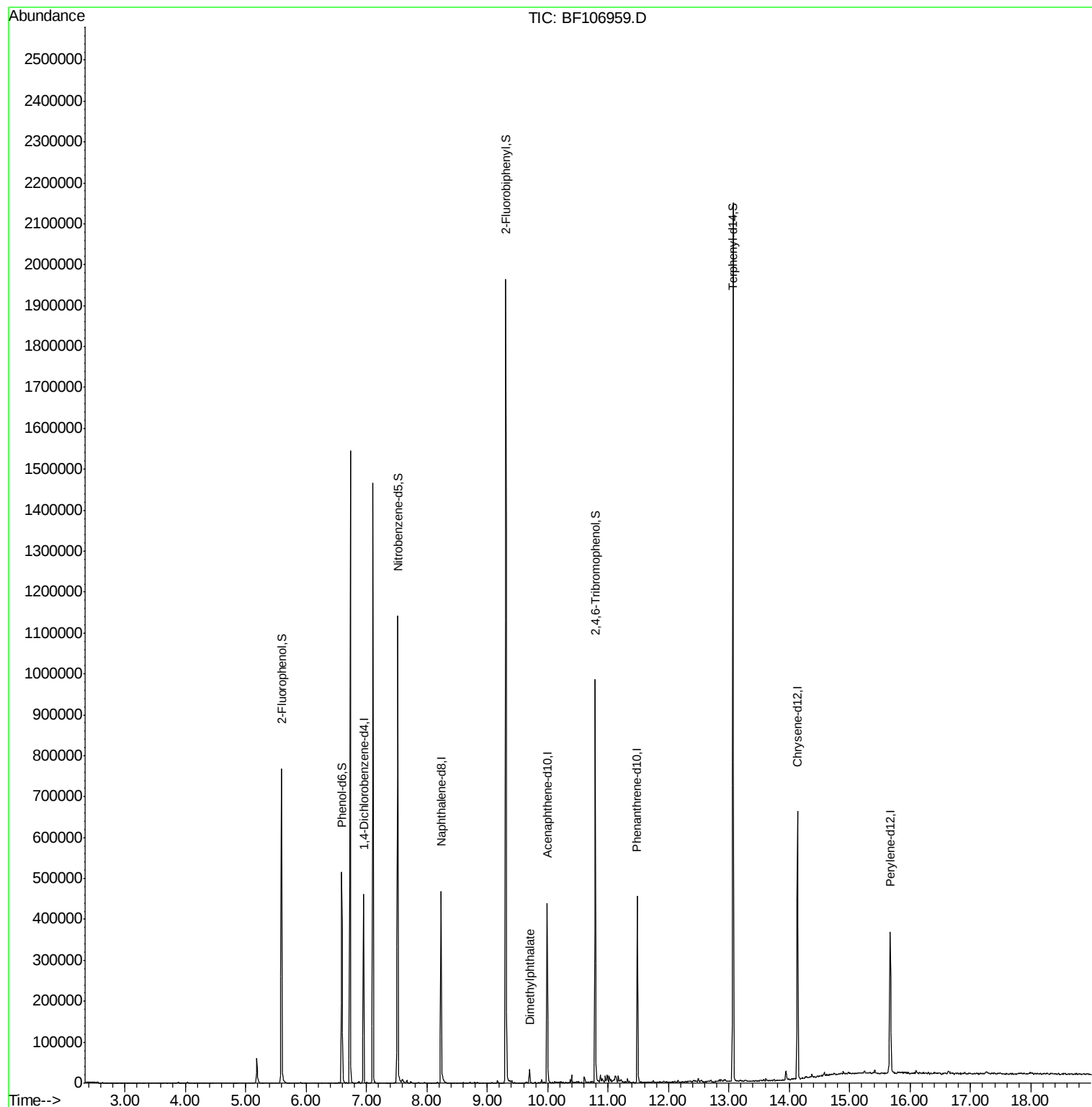
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	71430	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	239336	20.00	ng	-0.01
38) Acenaphthene-d10	9.99	164	97786	20.00	ng	-0.02
63) Phenanthrene-d10	11.48	188	176931	20.00	ng	-0.02
75) Chrysene-d12	14.14	240	234091	20.00	ng	-0.03
86) Perylene-d12	15.67	264	191327	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	239285	56.72	ng	0.00
7) Phenol-d6	6.59	99	172238	32.70	ng	-0.02
23) Nitrobenzene-d5	7.52	82	386260	89.69	ng	-0.02
41) 2,4,6-Tribromophenol	10.79	330	149680	132.07	ng	-0.01
44) 2-Fluorobiphenyl	9.31	172	640800	116.36	ng	-0.02
78) Terphenyl-d14	13.07	244	774849	80.18	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	9.70	163	16343	2.228	ng	# 98

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

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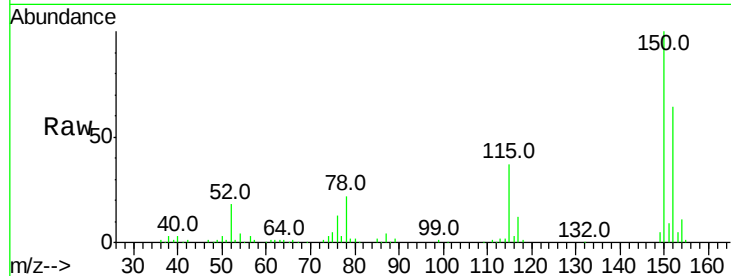


#1

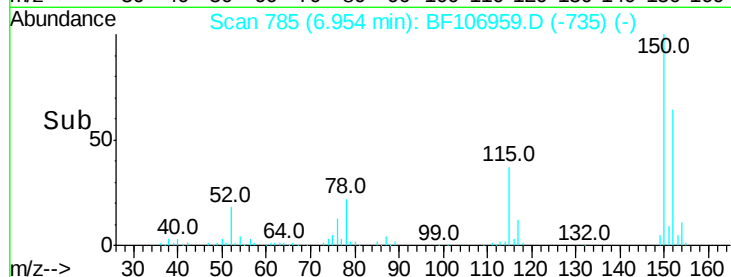
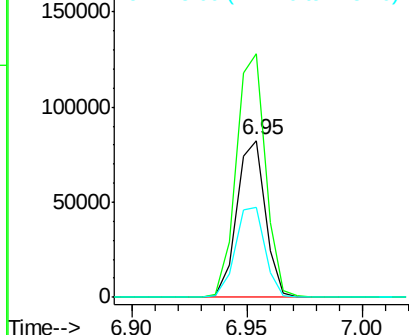
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF106959.D
Acq: 29 Jun 2018 8:53

Instrument :
BNA_F
ClientSampleId :
W-3

Tot Ion:152 Resp: 71430
Ion Ratio Lower Upper
152 100
150 155.1 124.6 186.8
115 57.6 50.1 75.1



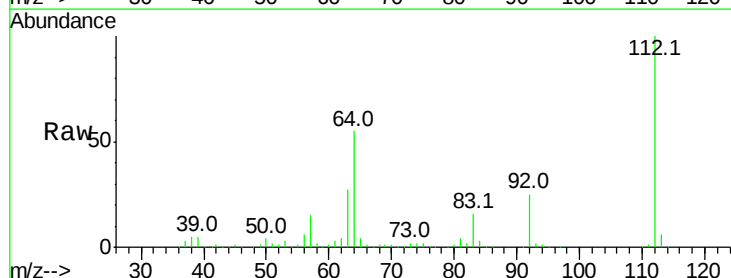
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



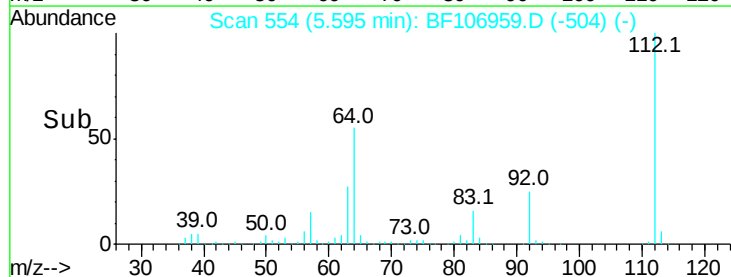
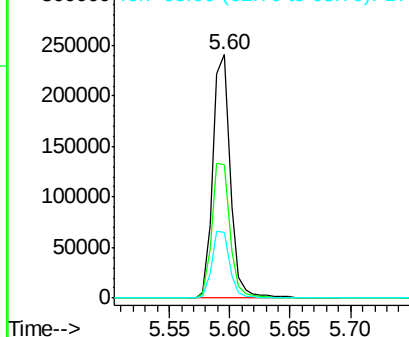
#5

2-Fluorophenol
Concen: 56.725 ng
RT: 5.60 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF106959.D
Acq: 29 Jun 2018 8:53

Tgt Ion:112 Resp: 239285
Ion Ratio Lower Upper
112 100
64 54.8 47.9 71.9
63 26.9 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: 32.696 ng

RT: 6.59 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF106959.D

Acq: 29 Jun 2018 8:53

Instrument :

BNA_F

ClientSampleId :

W-3

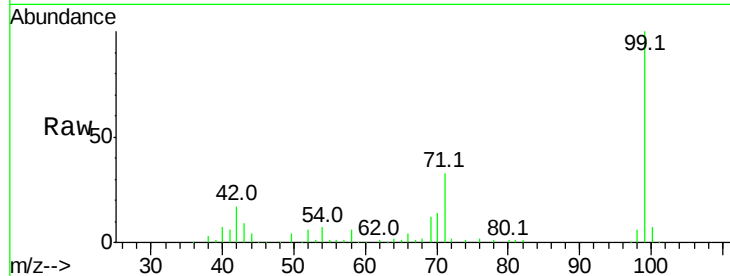
Tot Ion: 99 Resp: 172238

Ion Ratio Lower Upper

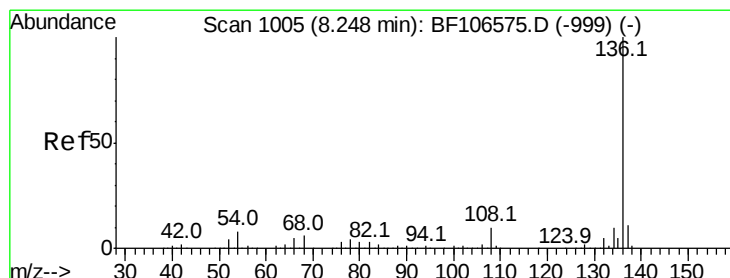
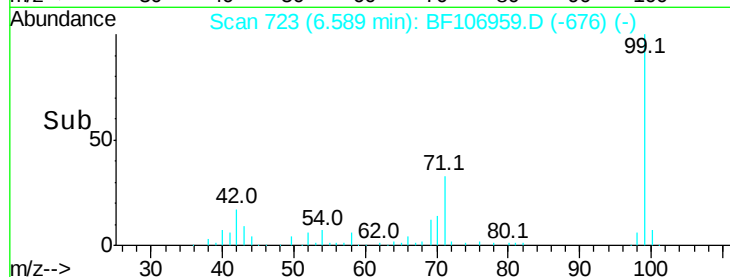
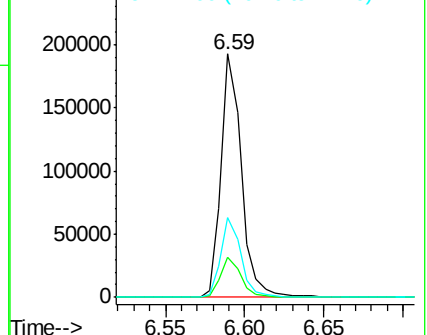
99 100

42 16.5 14.5 21.7

71 32.9 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.24 min Scan# 1003

Delta R.T. -0.01 min

Lab File: BF106959.D

Acq: 29 Jun 2018 8:53

Tgt Ion:136 Resp: 239336

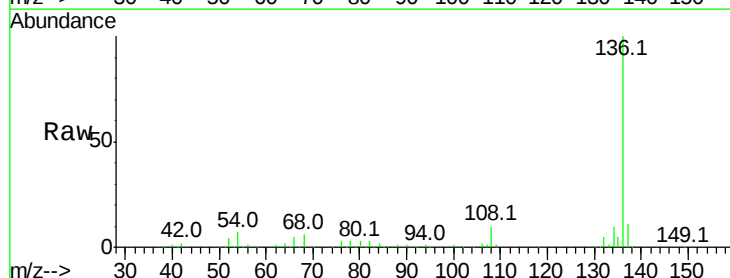
Ion Ratio Lower Upper

136 100

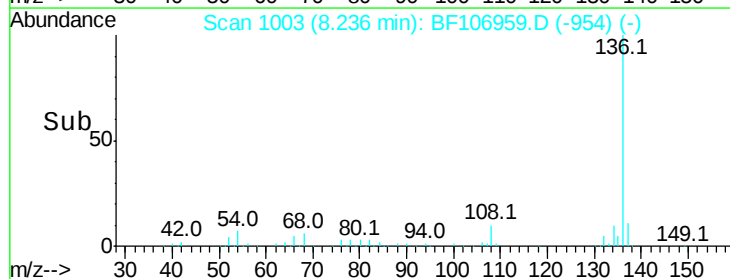
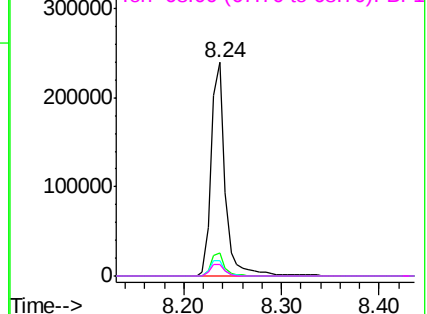
137 10.7 8.9 13.3

54 7.2 6.6 9.8

68 5.6 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

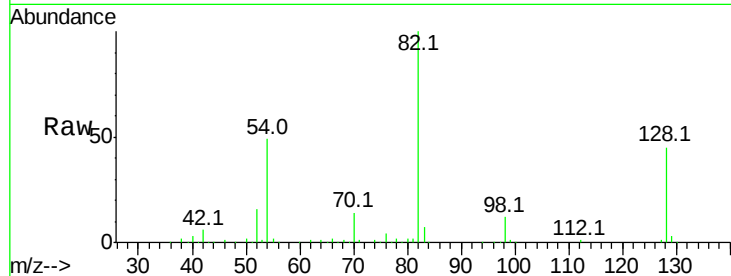




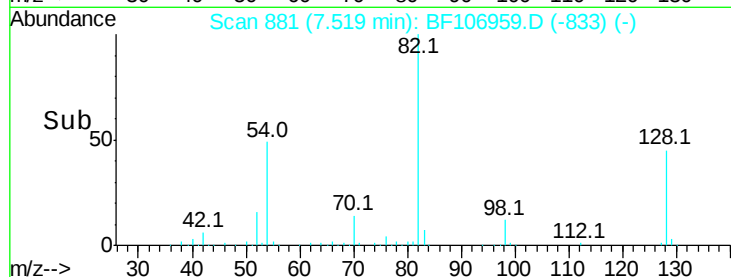
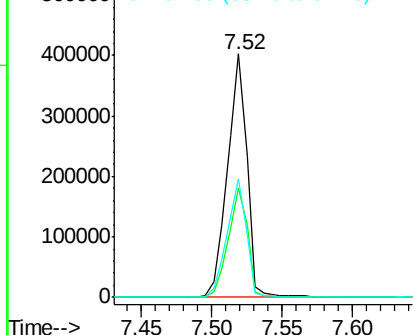
#23
 Nitrobenzene-d5
 Concen: 89.689 ng
 RT: 7.52 min Scan# 881
 Delta R.T. -0.02 min
 Lab File: BF106959.D
 Acq: 29 Jun 2018 8:53

Instrument :
 BNA_F
 ClientSampled :
 W-3

Tot Ion: 82 Resp: 386260
 Ion Ratio Lower Upper
 82 100
 128 44.7 36.1 54.1
 54 48.7 41.4 62.2

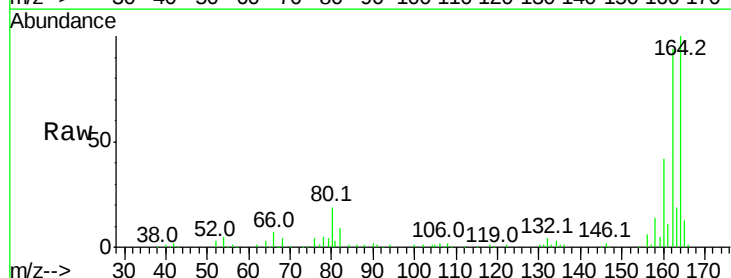


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

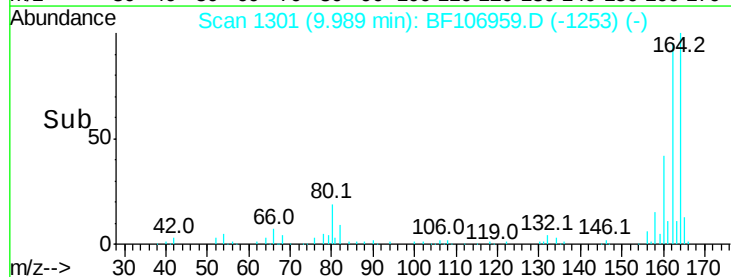
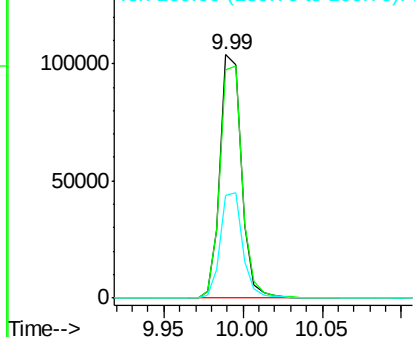


#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.99 min Scan# 1301
 Delta R.T. -0.02 min
 Lab File: BF106959.D
 Acq: 29 Jun 2018 8:53

Tgt Ion: 164 Resp: 97786
 Ion Ratio Lower Upper
 164 100
 162 93.8 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

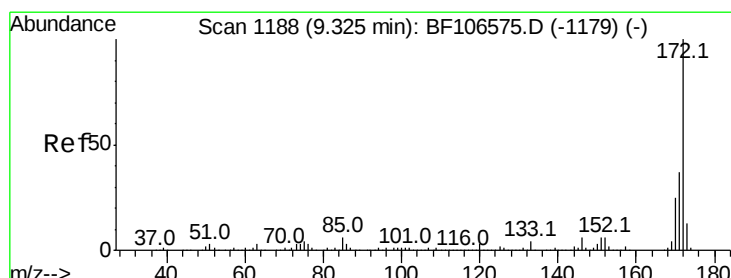
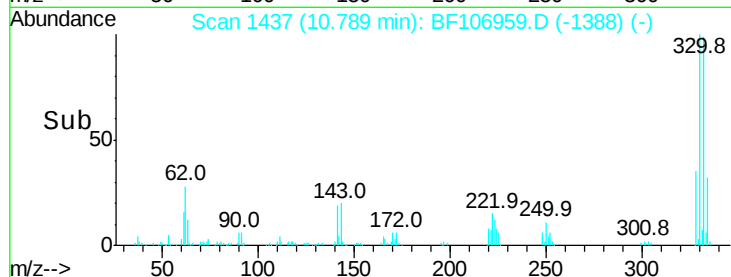
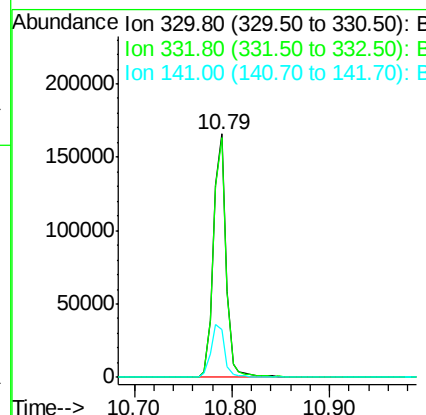
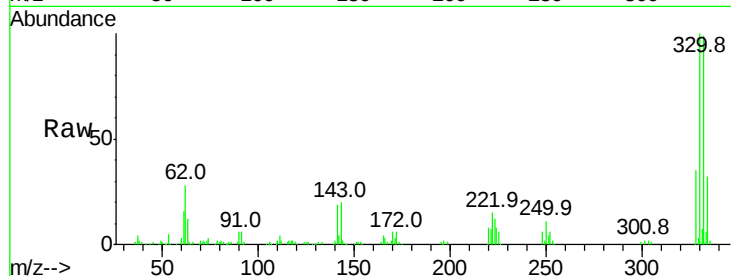




#41
 2,4,6-Tribromophenol
 Concen: 132.067 ng
 RT: 10.79 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF106959.D
 Acq: 29 Jun 2018 8:53

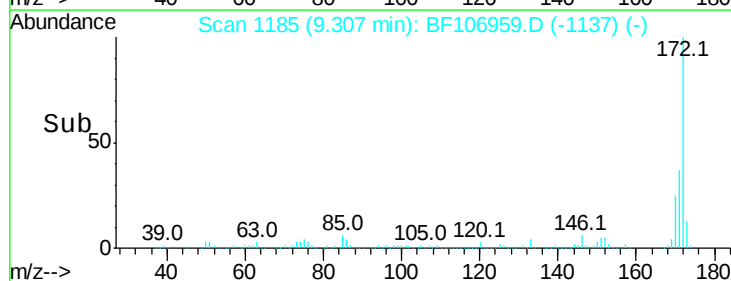
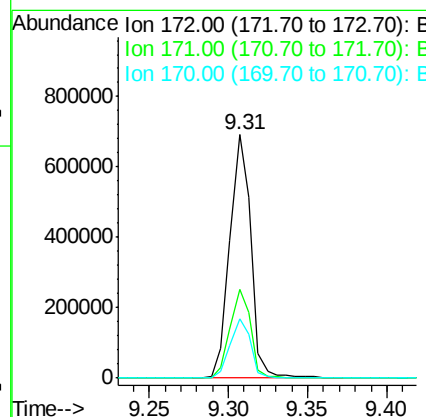
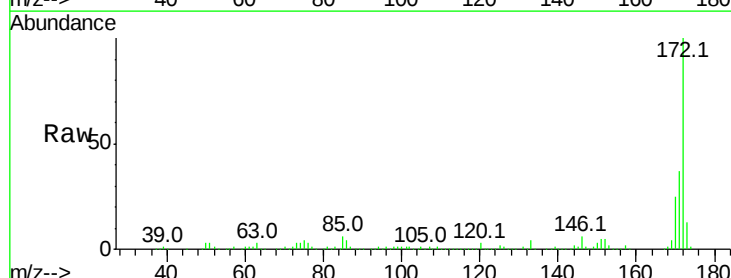
Instrument :
 BNA_F
 ClientSampleId :
 W-3

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.5	77.0	115.6
141	23.5	29.9	44.9#



#44
 2-Fluorobiphenyl
 Concen: 116.362 ng
 RT: 9.31 min Scan# 1185
 Delta R.T. -0.02 min
 Lab File: BF106959.D
 Acq: 29 Jun 2018 8:53

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.7	44.5
170	24.6	19.6	29.4

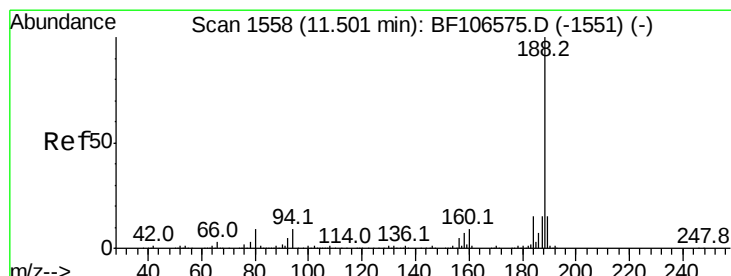
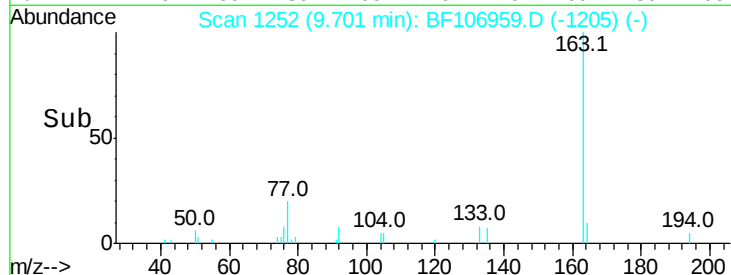
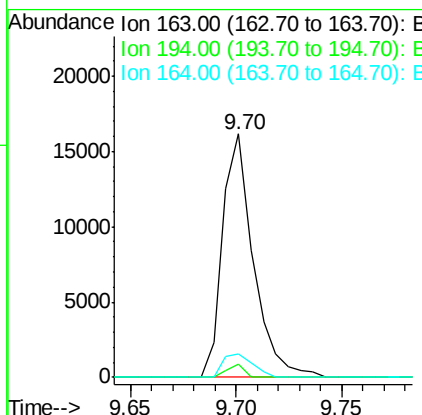
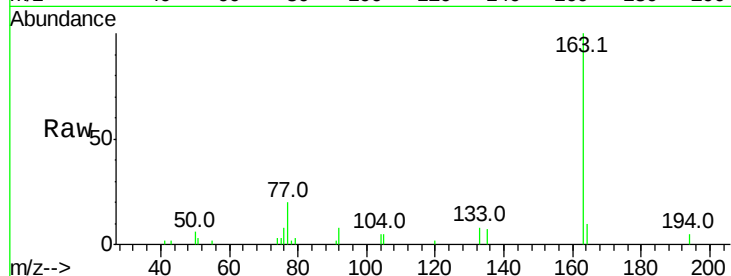




#49
Dimethylphthalate
Concen: 2.228 ng
RT: 9.70 min Scan# 1252
Delta R.T. -0.02 min
Lab File: BF106959.D
Acq: 29 Jun 2018 8:53

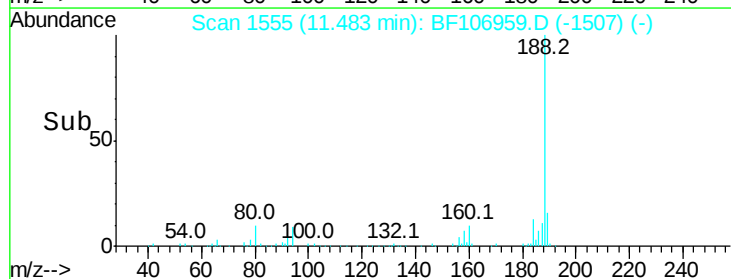
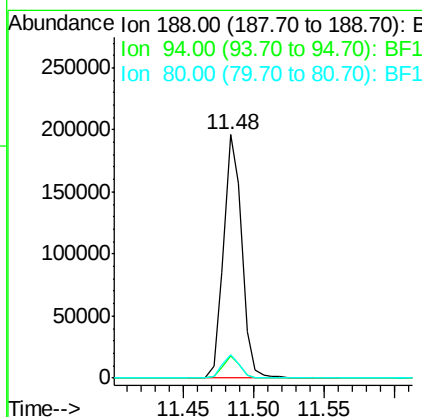
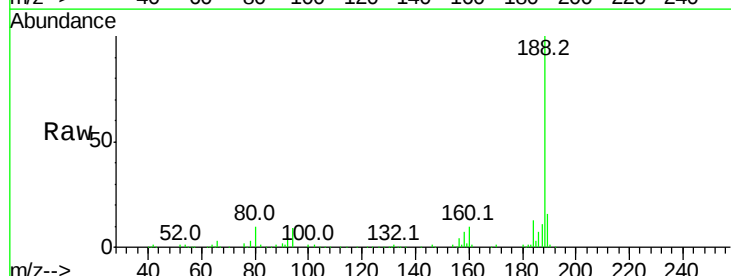
Instrument :
BNA_F
ClientSampleId :
W-3

Tot Ion:163 Resp: 16343
Ion Ratio Lower Upper
163 100
194 5.2 2.7 4.1#
164 9.8 8.2 12.2



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1555
Delta R.T. -0.02 min
Lab File: BF106959.D
Acq: 29 Jun 2018 8:53

Tgt Ion:188 Resp: 176931
Ion Ratio Lower Upper
188 100
94 8.9 8.5 12.7
80 9.5 9.2 13.8





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.14 min Scan# 2006

Delta R.T. -0.03 min

Lab File: BF106959.D

Acq: 29 Jun 2018 8:53

Instrument :

BNA_F

ClientSampleId :

W-3

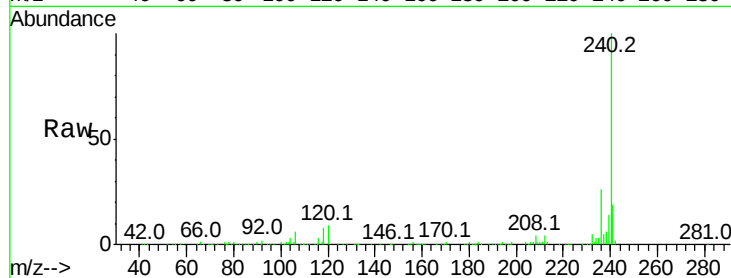
Tot Ion:240 Resp: 234091

Ion Ratio Lower Upper

240 100

120 9.2 9.5 14.3#

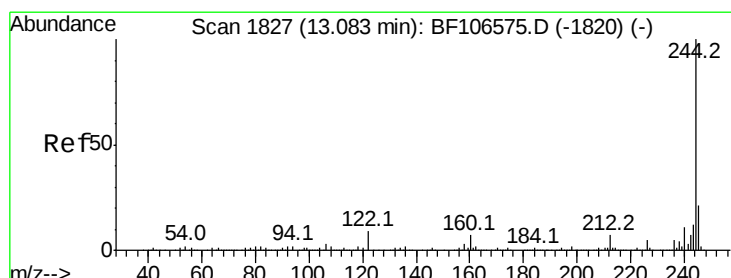
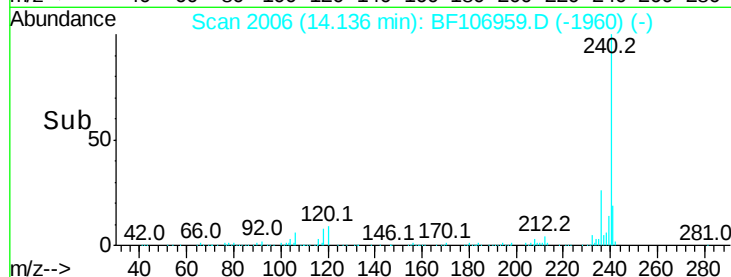
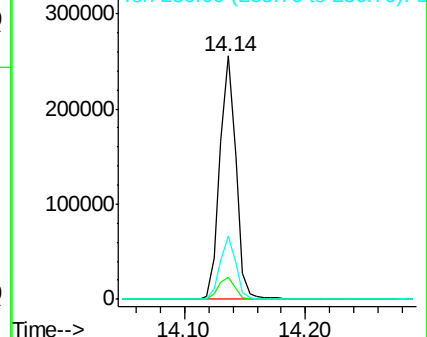
236 26.0 20.7 31.1



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: 80.179 ng

RT: 13.07 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF106959.D

Acq: 29 Jun 2018 8:53

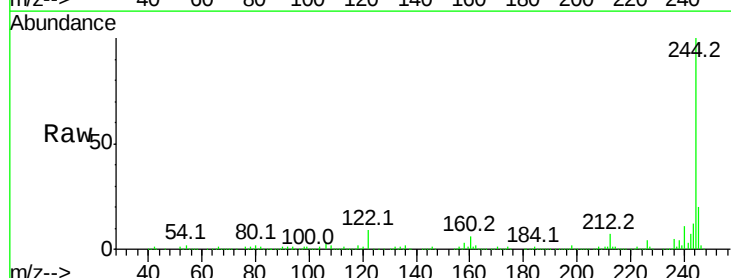
Tgt Ion:244 Resp: 774849

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

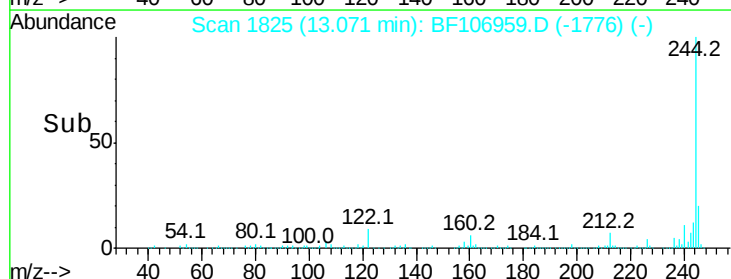
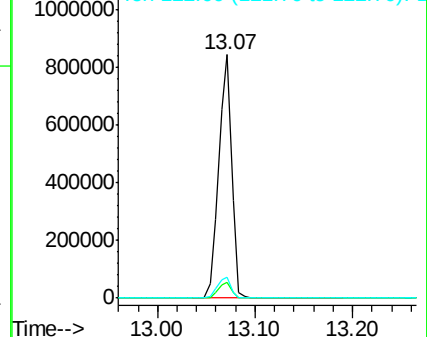
122 8.5 11.0 16.4#



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: BF106959.D
Acq: 29 Jun 2018 8:53

Instrument :
BNA_F
ClientSampleId :
W-3

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	21.5	17.5	26.3

