

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062818\
 Data File : BF106958.D
 Acq On : 29 Jun 2018 8:27
 Operator : JU/SJ
 Sample : J3705-03
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-14

Quant Time: Jun 29 11:10:01 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

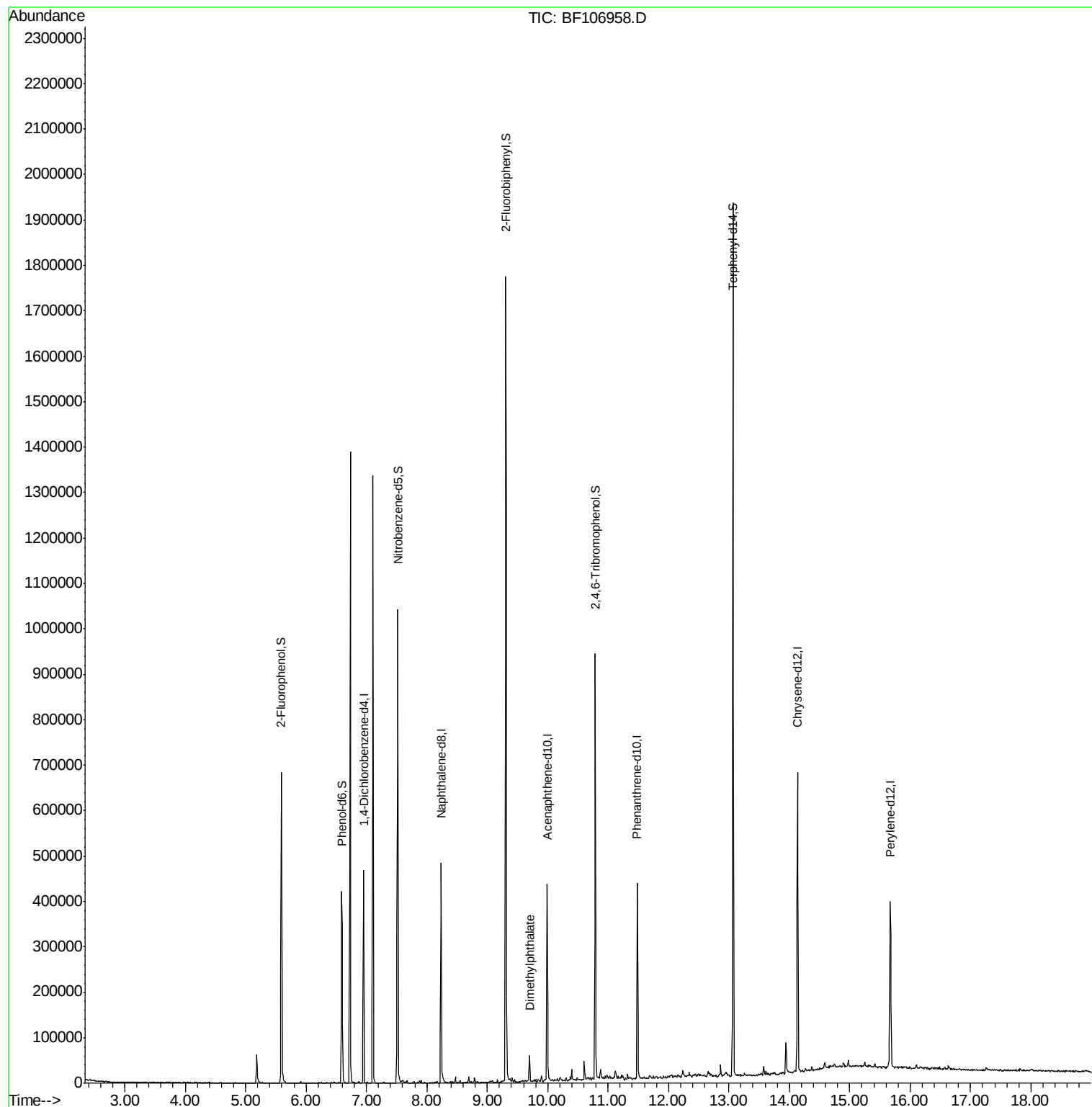
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	68657	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	231838	20.00	ng	-0.01
38) Acenaphthene-d10	10.00	164	93974	20.00	ng	-0.01
63) Phenanthrene-d10	11.48	188	170968	20.00	ng	-0.02
75) Chrysene-d12	14.14	240	229072	20.00	ng	-0.03
86) Perylene-d12	15.67	264	192547	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	209451	51.66	ng	-0.01
7) Phenol-d6	6.59	99	148590	29.35	ng	-0.02
23) Nitrobenzene-d5	7.52	82	347526	83.30	ng	-0.02
41) 2,4,6-Tribromophenol	10.79	330	138133	126.82	ng	-0.01
44) 2-Fluorobiphenyl	9.31	172	576548	107.80	ng	-0.02
78) Terphenyl-d14	13.07	244	700889	74.11	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	9.70	163	23788	3.375	ng	99

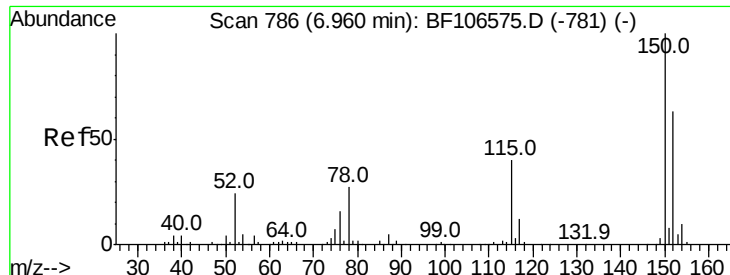
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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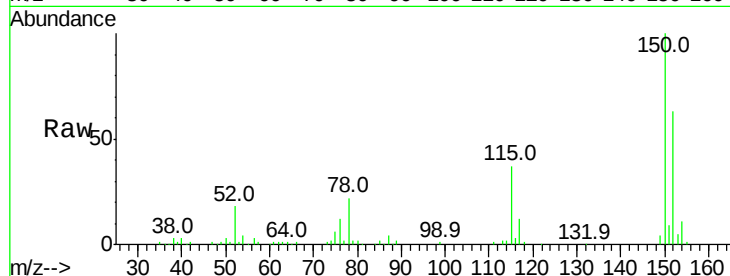


#1

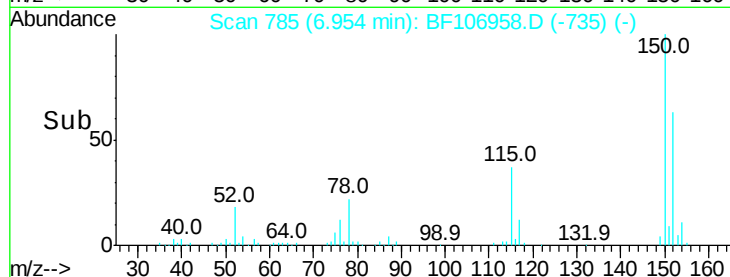
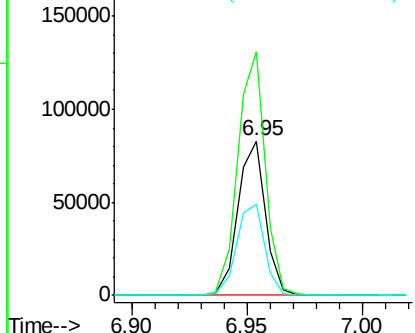
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF106958.D
Acq: 29 Jun 2018 8:27

Instrument :
BNA_F
ClientSampleId :
W-14

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.0	124.6	186.8
115	59.0	50.1	75.1



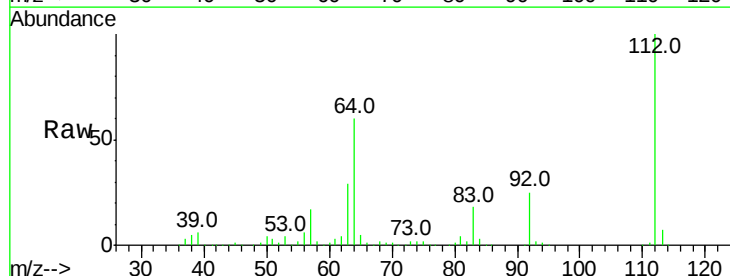
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



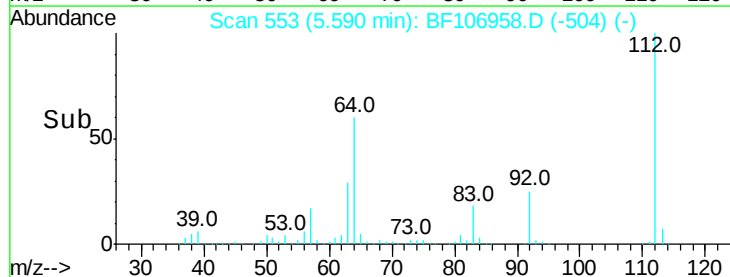
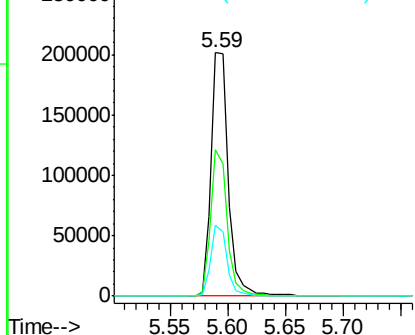
#5

2-Fluorophenol
Concen: 51.658 ng
RT: 5.59 min Scan# 553
Delta R.T. -0.01 min
Lab File: BF106958.D
Acq: 29 Jun 2018 8:27

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.3	47.9	71.9
63	29.3	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: 29.346 ng

RT: 6.59 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF106958.D

Acq: 29 Jun 2018 8:27

Instrument :

BNA_F

ClientSampleId :

W-14

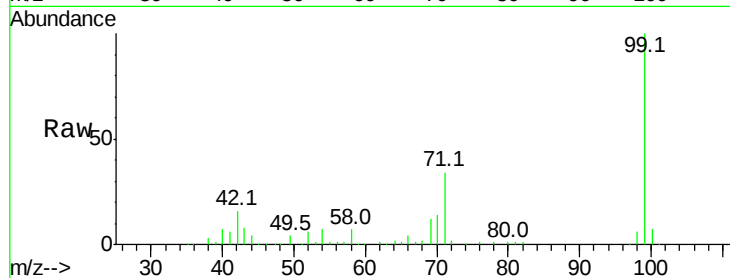
Tot Ion: 99 Resp: 148590

Ion Ratio Lower Upper

99 100

42 16.4 14.5 21.7

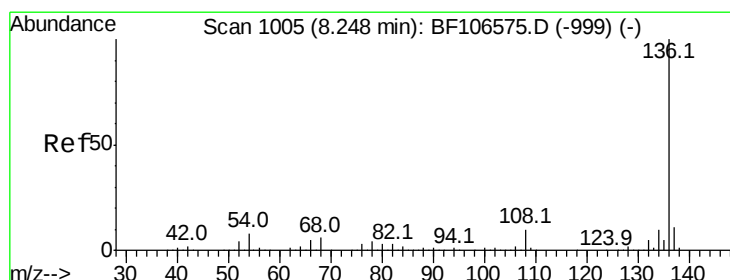
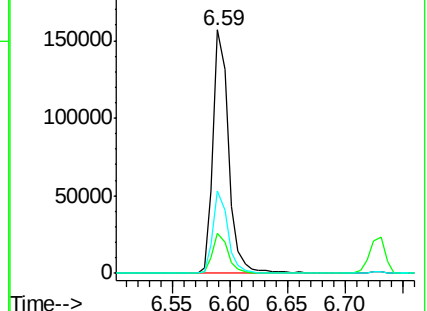
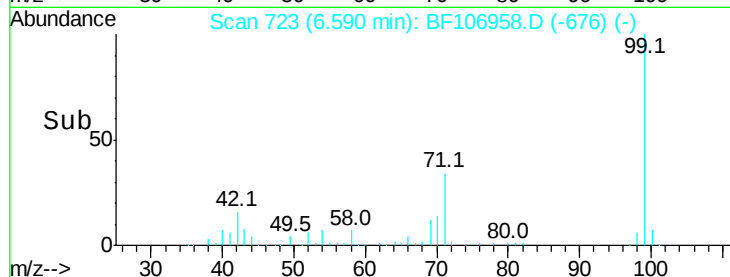
71 33.7 25.4 38.0



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: BF106958.D

Acq: 29 Jun 2018 8:27

Tgt Ion: 136 Resp: 231838

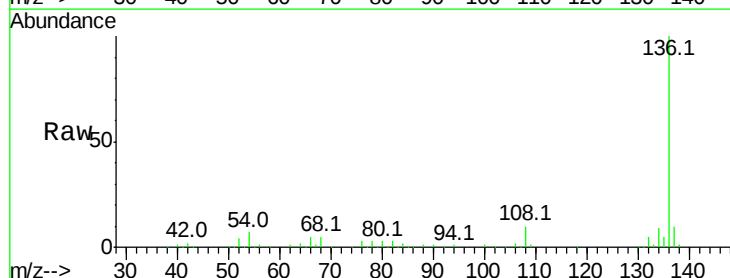
Ion Ratio Lower Upper

136 100

137 10.5 8.9 13.3

54 7.2 6.6 9.8

68 5.4 5.0 7.4

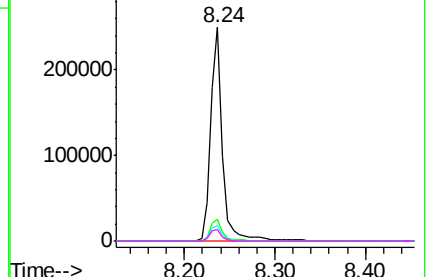
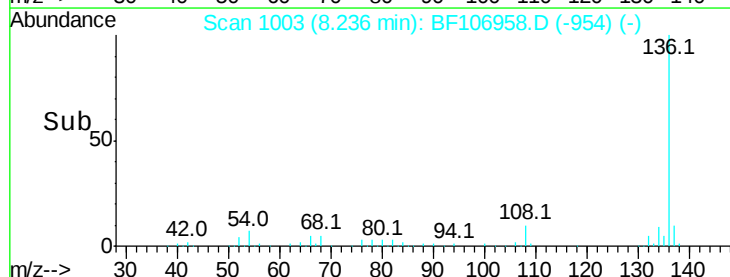


Abundance Ion 136.00 (135.70 to 136.70): E

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

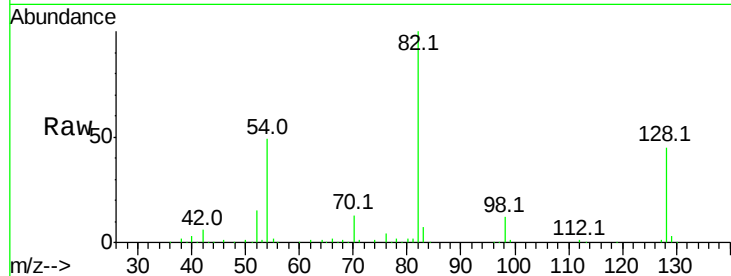




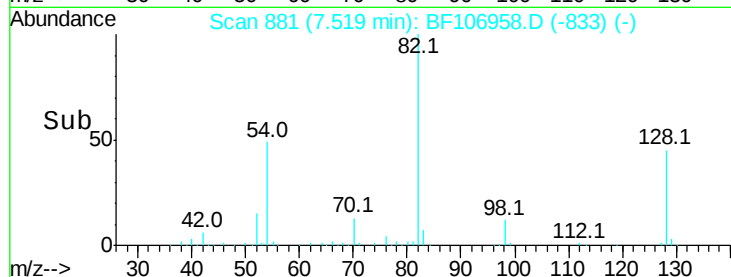
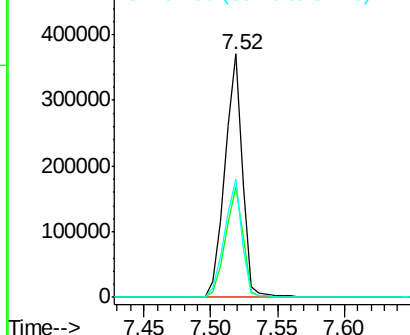
#23
Nitrobenzene-d5
Concen: 83.305 ng
RT: 7.52 min Scan# 881
Delta R.T. -0.02 min
Lab File: BF106958.D
Acq: 29 Jun 2018 8:27

Instrument :
BNA_F
ClientSampled :
W-14

Tot Ion: 82 Resp: 347526
Ion Ratio Lower Upper
82 100
128 45.2 36.1 54.1
54 48.6 41.4 62.2

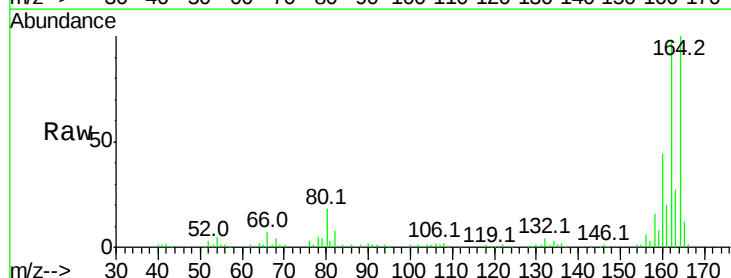


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

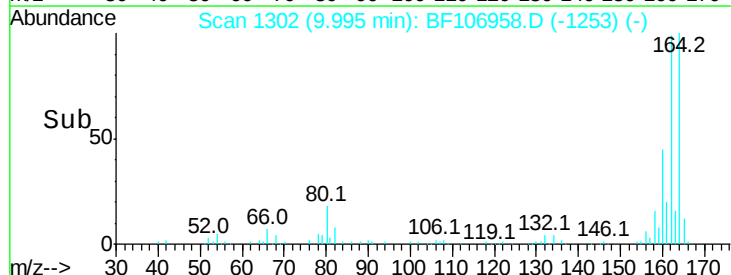
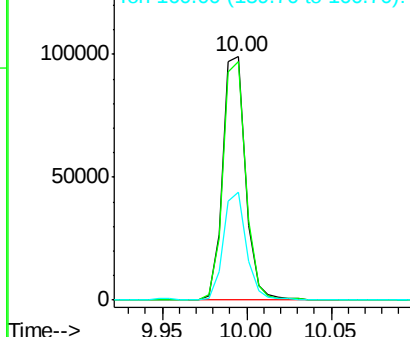


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BF106958.D
Acq: 29 Jun 2018 8:27

Tgt Ion:164 Resp: 93974
Ion Ratio Lower Upper
164 100
162 98.0 86.1 129.1
160 44.3 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

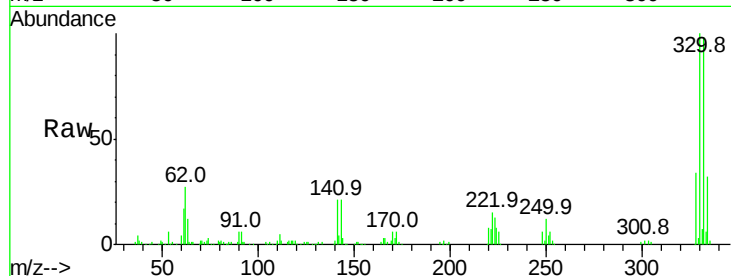




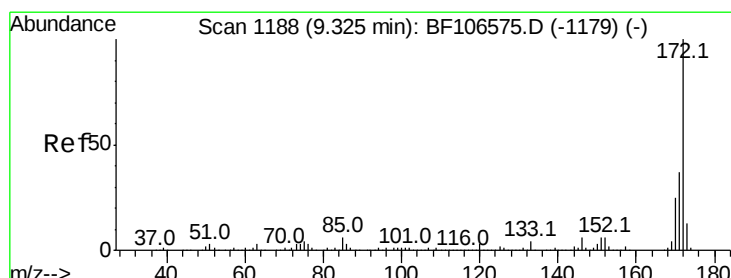
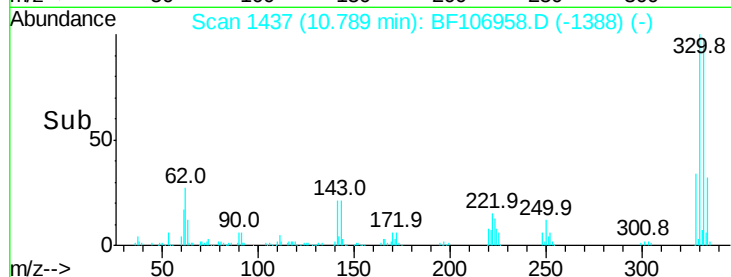
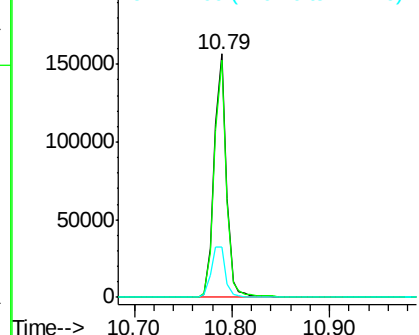
#41
 2,4,6-Tribromophenol
 Concen: 126.822 ng
 RT: 10.79 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF106958.D
 Acq: 29 Jun 2018 8:27

Instrument :
 BNA_F
 ClientSampleId :
 W-14

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.0	115.6
141	24.0	29.9	44.9#

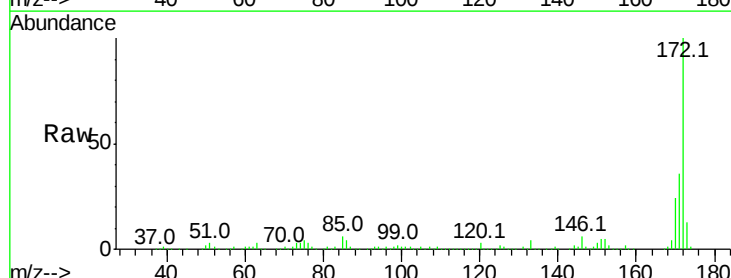


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

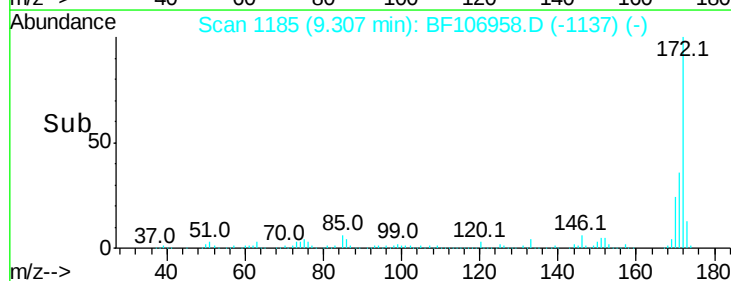
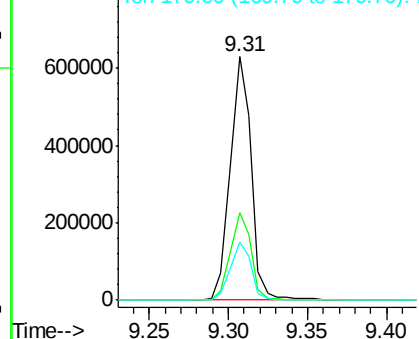


#44
 2-Fluorobiphenyl
 Concen: 107.803 ng
 RT: 9.31 min Scan# 1185
 Delta R.T. -0.02 min
 Lab File: BF106958.D
 Acq: 29 Jun 2018 8:27

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.7	44.5
170	24.1	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

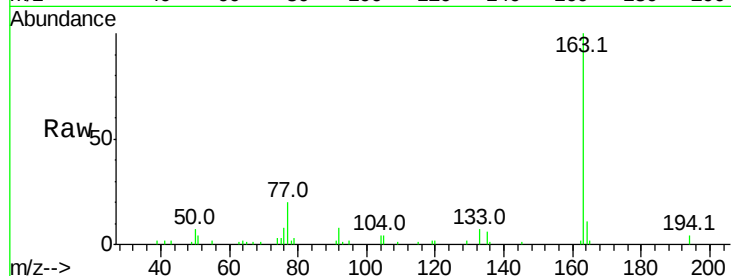




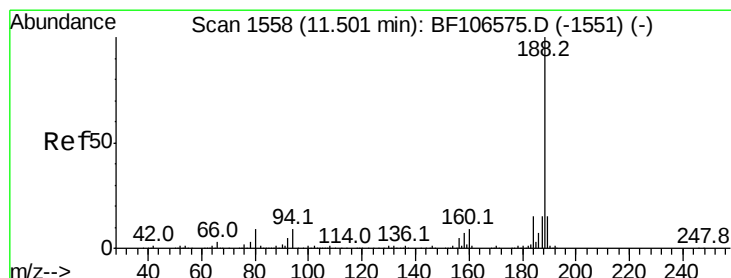
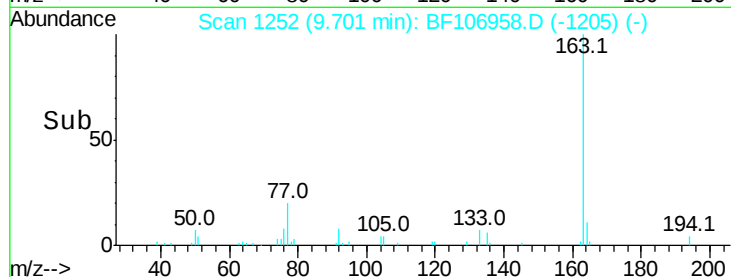
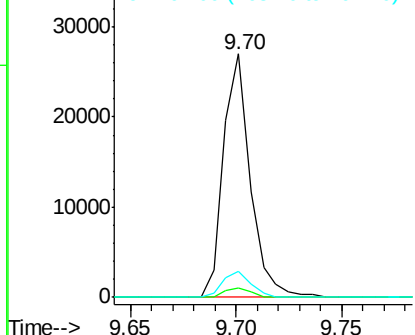
#49
Dimethylphthalate
Concen: 3.375 ng
RT: 9.70 min Scan# 1252
Delta R.T. -0.02 min
Lab File: BF106958.D
Acq: 29 Jun 2018 8:27

Instrument :
BNA_F
ClientSampleId :
W-14

Tot Ion:163 Resp: 23788
Ion Ratio Lower Upper
163 100
194 4.0 2.7 4.1
164 10.5 8.2 12.2

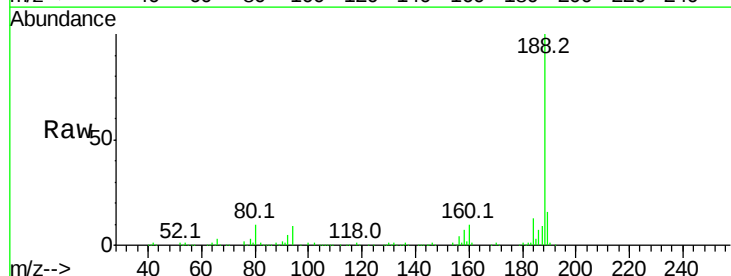


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

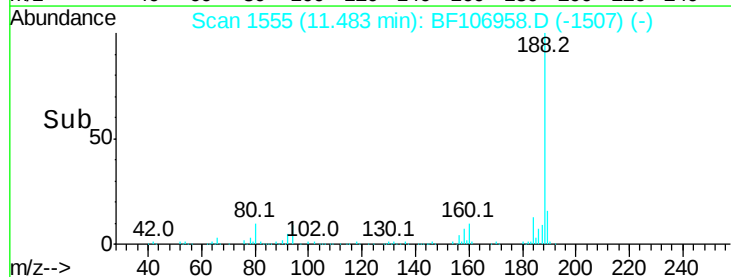
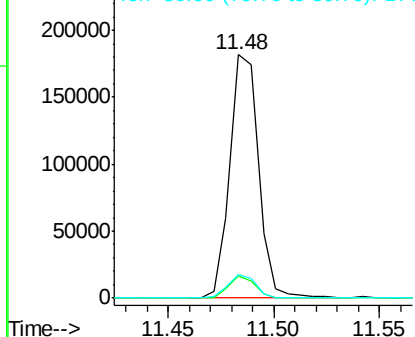


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1555
Delta R.T. -0.02 min
Lab File: BF106958.D
Acq: 29 Jun 2018 8:27

Tgt Ion:188 Resp: 170968
Ion Ratio Lower Upper
188 100
94 8.9 8.5 12.7
80 9.9 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# 2006

Delta R.T. -0.03 min

Lab File: BF106958.D

Acq: 29 Jun 2018 8:27

Instrument :

BNA_F

ClientSampleId :

W-14

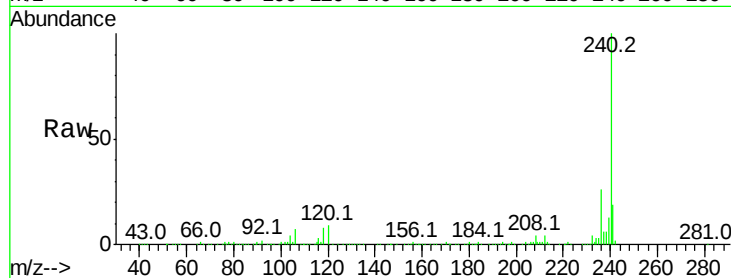
Tot Ion:240 Resp: 229072

Ion Ratio Lower Upper

240 100

120 9.0 9.5 14.3#

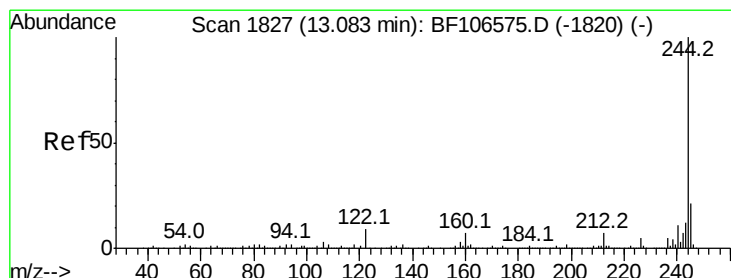
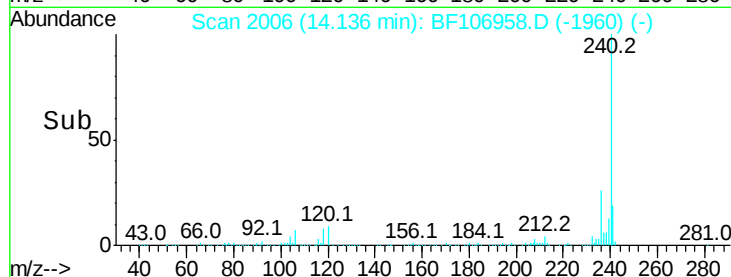
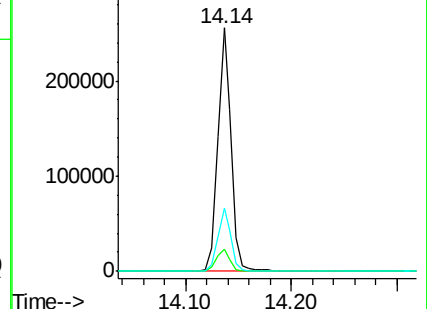
236 26.1 20.7 31.1



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: 74.115 ng

RT: 13.07 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF106958.D

Acq: 29 Jun 2018 8:27

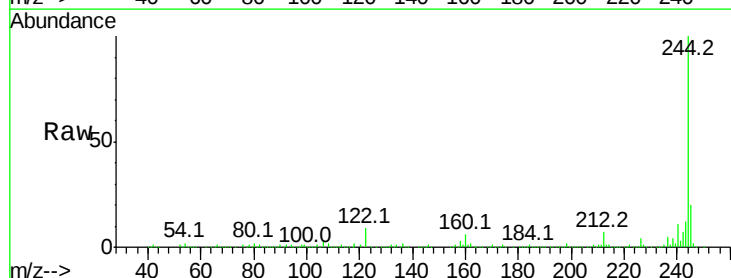
Tgt Ion:244 Resp: 700889

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

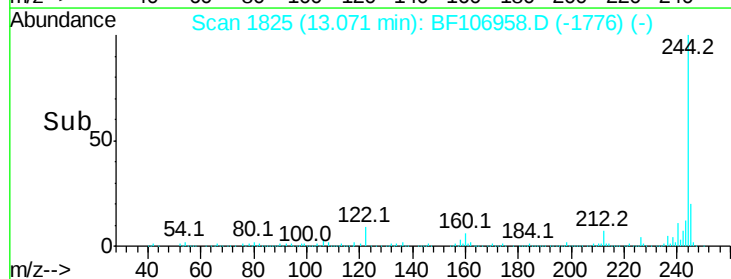
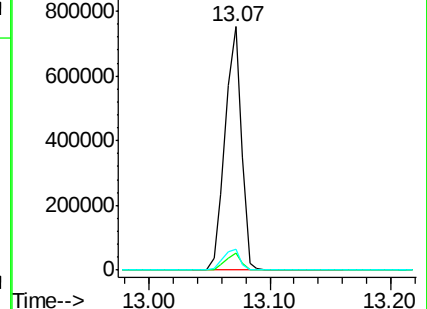
122 8.8 11.0 16.4#

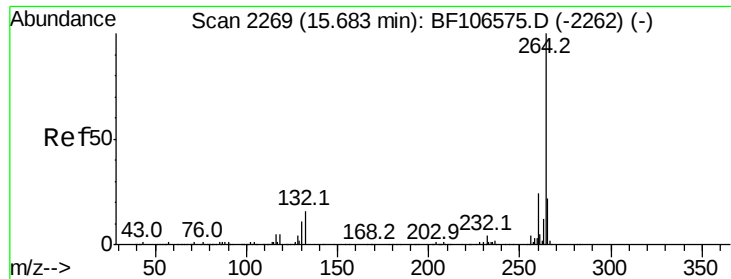


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

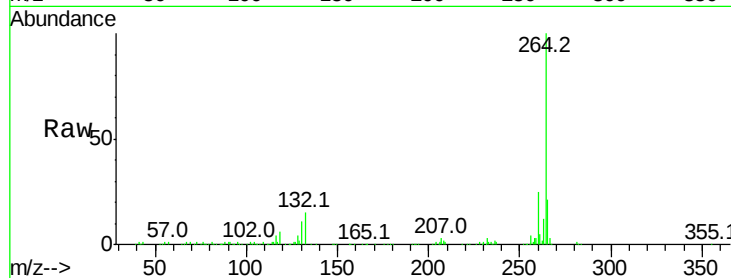




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.67 min Scan# 2267
Delta R.T. -0.05 min
Lab File: BF106958.D
Acq: 29 Jun 2018 8:27

Instrument :
BNA_F
ClientSampleId :
W-14

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.2	28.8
265	20.9	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

