

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062918\
 Data File : BF107000.D
 Acq On : 30 Jun 2018 3:44
 Operator : JU/SJ
 Sample : J3691-02
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-17

Quant Time: Jun 30 04:51:55 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 29 14:38:29 2018
 Response via : Initial Calibration

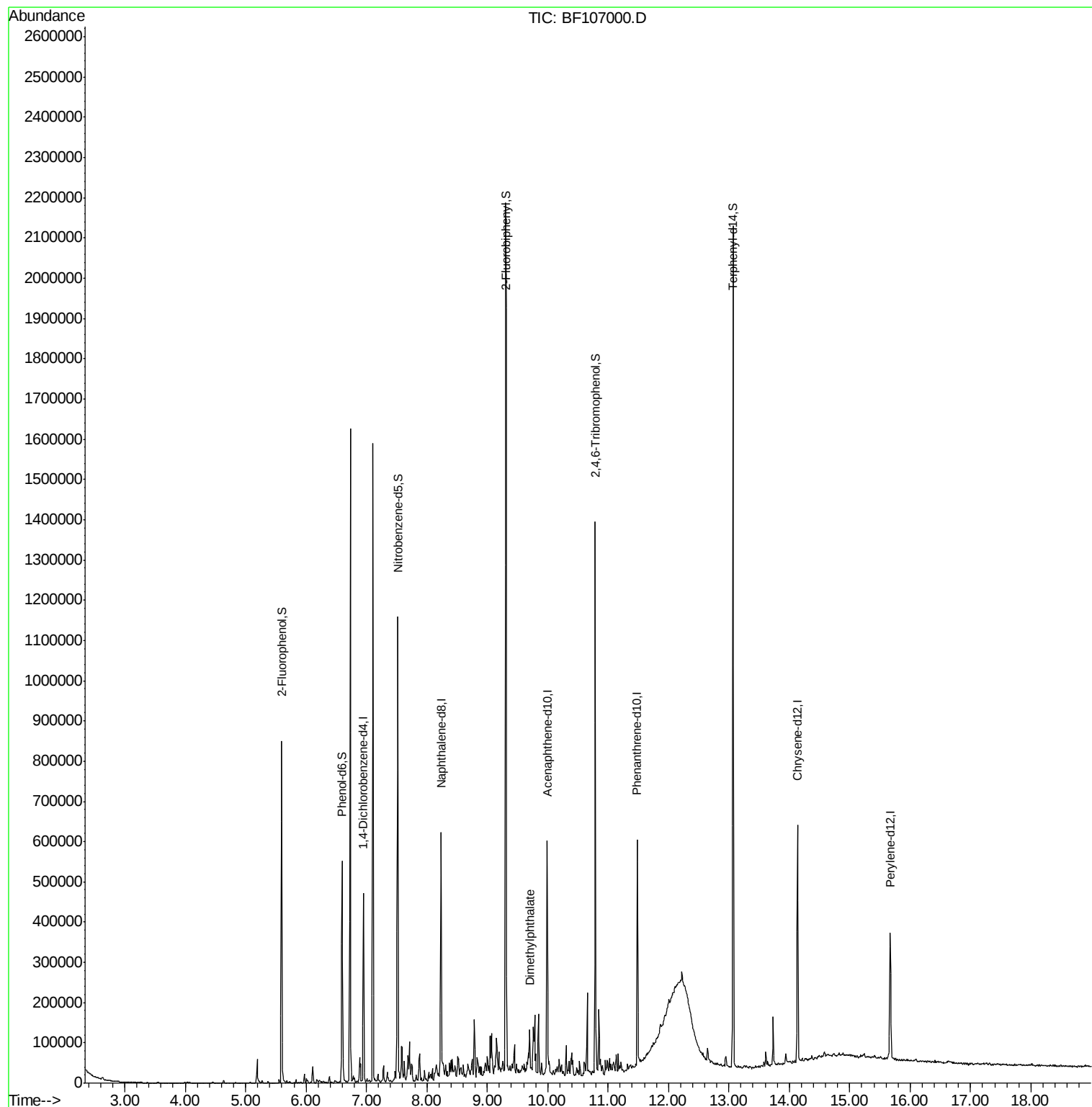
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	71058	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	260706	20.00	ng	-0.01
38) Acenaphthene-d10	9.99	164	125328	20.00	ng	-0.02
63) Phenanthrene-d10	11.48	188	217318	20.00	ng	-0.02
75) Chrysene-d12	14.14	240	203125	20.00	ng	-0.03
86) Perylene-d12	15.67	264	163040	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	242040	57.68	ng	0.00
7) Phenol-d6	6.60	99	184679	35.24	ng	-0.02
23) Nitrobenzene-d5	7.52	82	424001	90.38	ng	-0.02
41) 2,4,6-Tribromophenol	10.79	330	198907	136.93	ng	-0.01
44) 2-Fluorobiphenyl	9.31	172	768159	107.68	ng	-0.02
78) Terphenyl-d14	13.07	244	753460	89.85	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	9.70	163	35297	3.755	ng	99

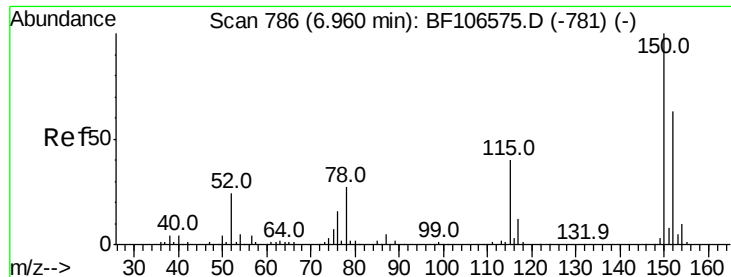
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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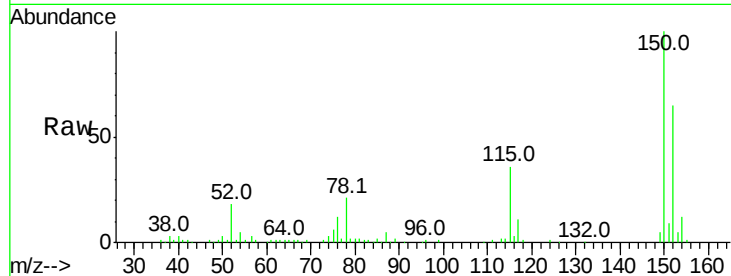


#1

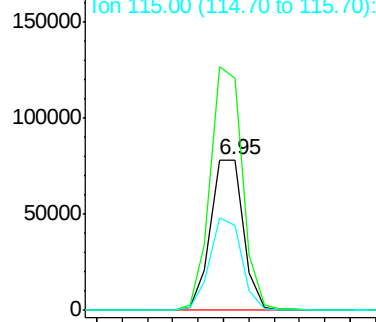
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.95 min Scan# 785
 Delta R.T. -0.01 min
 Lab File: BF107000.D
 Acq: 30 Jun 2018 3:44

Instrument :
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 W-17

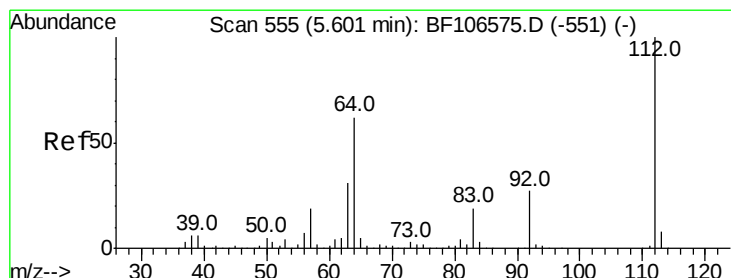
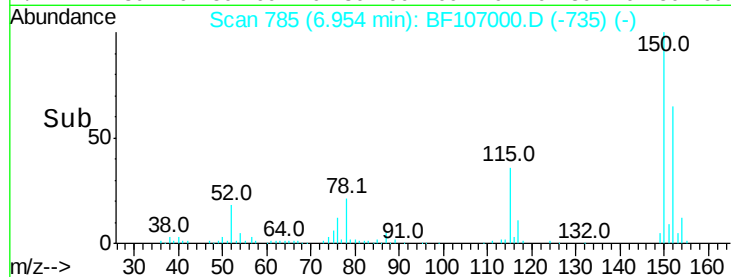
Tot Ion:152 Resp: 71058
 Ion Ratio Lower Upper
 152 100
 150 153.7 124.6 186.8
 115 56.0 50.1 75.1



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



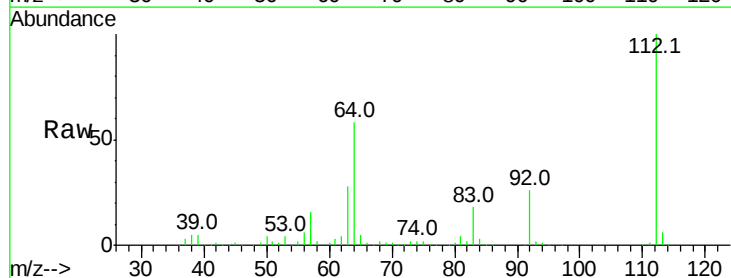
Time--> 6.90 6.95 7.00



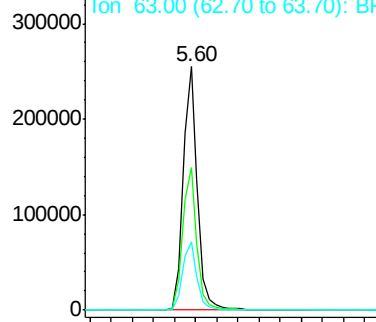
#5

2-Fluorophenol
 Concen: 57.678 ng
 RT: 5.60 min Scan# 554
 Delta R.T. -0.01 min
 Lab File: BF107000.D
 Acq: 30 Jun 2018 3:44

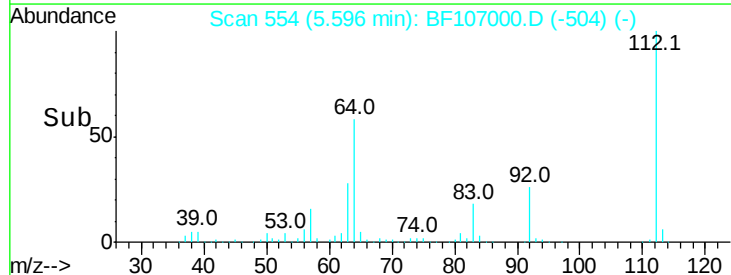
Tgt Ion:112 Resp: 242040
 Ion Ratio Lower Upper
 112 100
 64 58.4 47.9 71.9
 63 28.3 23.7 35.5



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



Time--> 5.50 5.60 5.70





#7

Phenol-d6

Concen: 35.241 ng

RT: 6.60 min Scan# 724

Delta R.T. -0.02 min

Lab File: BF107000.D

Acq: 30 Jun 2018 3:44

Instrument :

BNA_F

ClientSampleId :

W-17

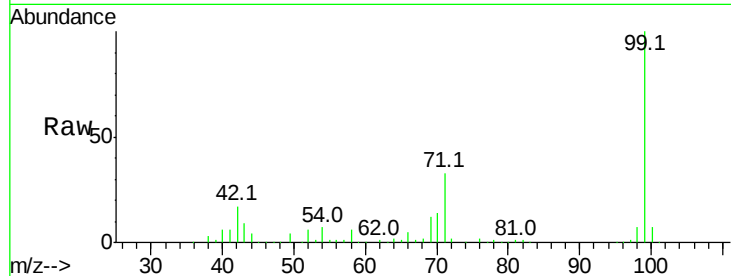
Tot Ion: 99 Resp: 184679

Ion Ratio Lower Upper

99 100

42 16.6 14.5 21.7

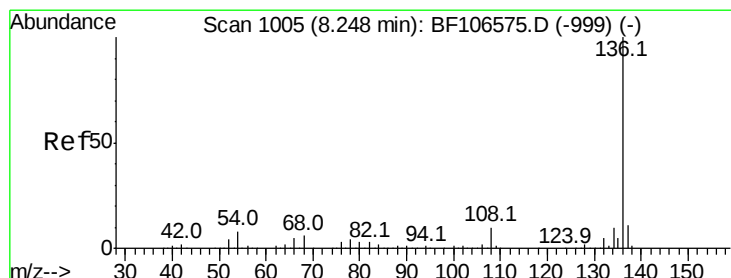
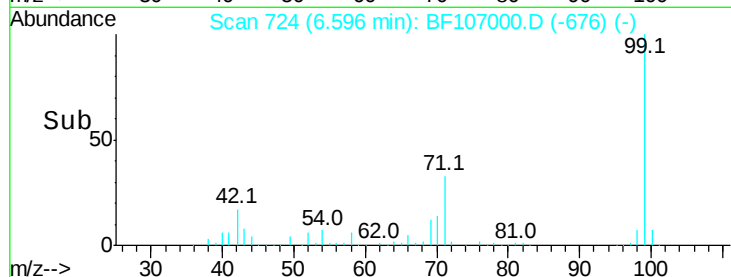
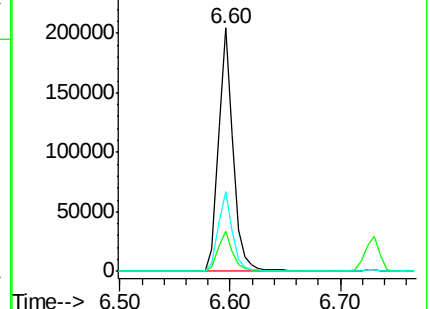
71 32.6 25.4 38.0



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# 1003

Delta R.T. -0.01 min

Lab File: BF107000.D

Acq: 30 Jun 2018 3:44

Tgt Ion: 136 Resp: 260706

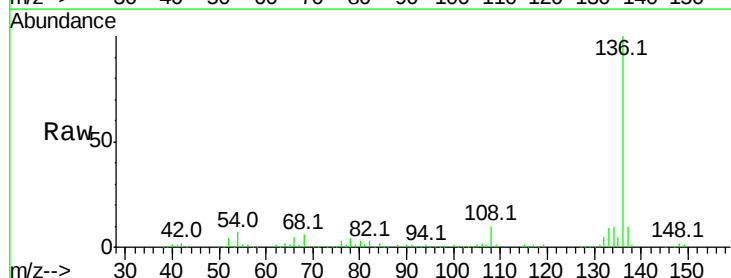
Ion Ratio Lower Upper

136 100

137 10.5 8.9 13.3

54 7.0 6.6 9.8

68 6.0 5.0 7.4

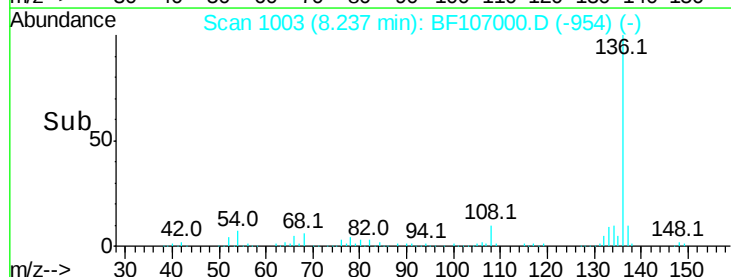
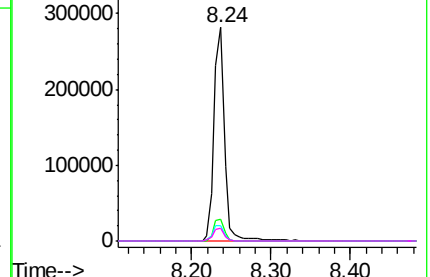


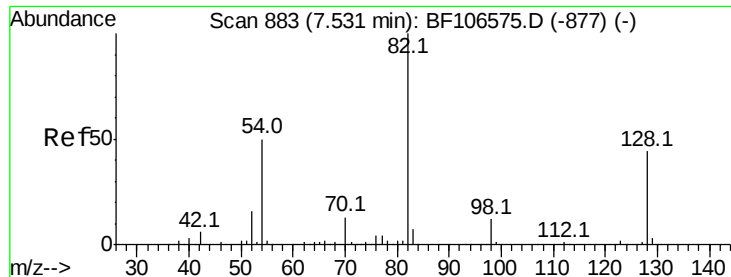
Abundance Ion 136.00 (135.70 to 136.70): E

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

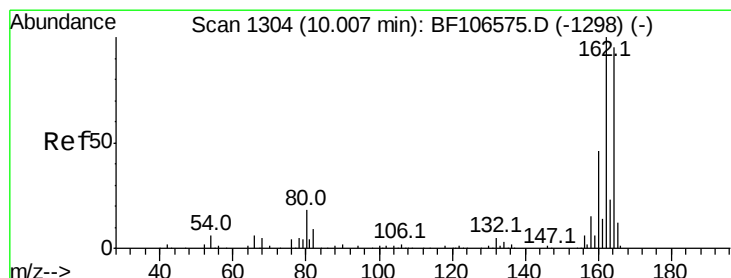
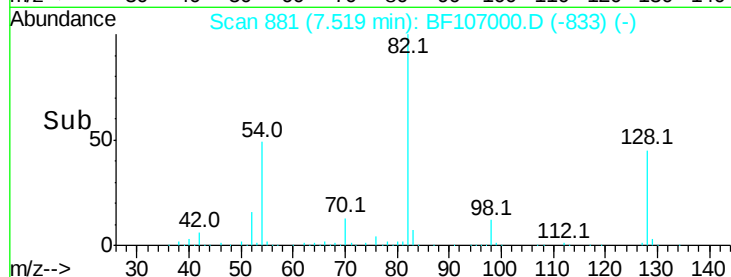
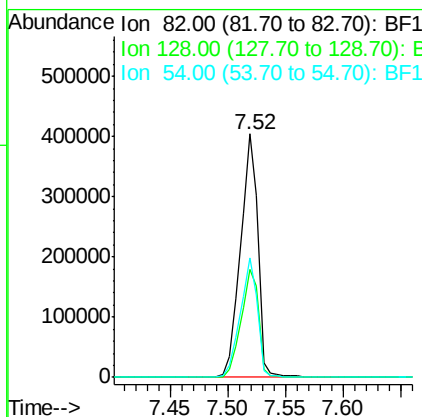
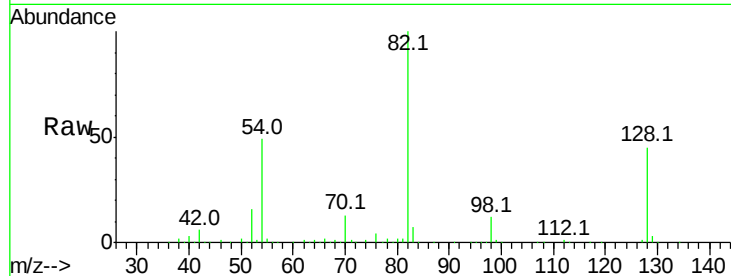




#23
Nitrobenzene-d5
Concen: 90.382 ng
RT: 7.52 min Scan# 881
Delta R.T. -0.02 min
Lab File: BF107000.D
Acq: 30 Jun 2018 3:44

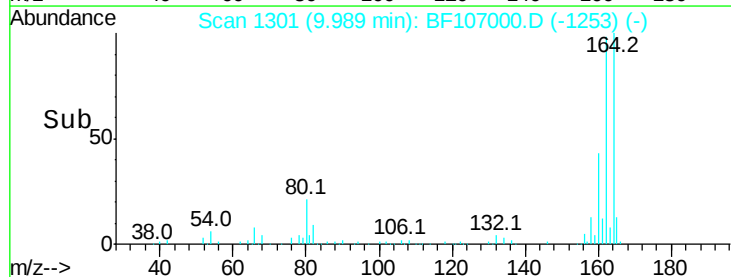
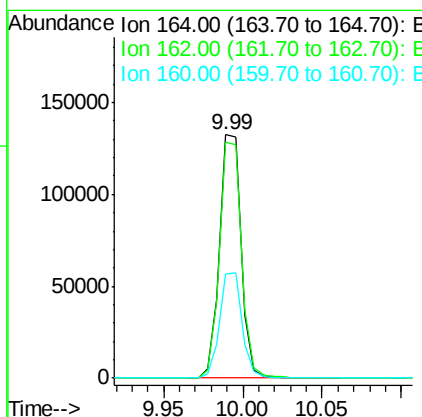
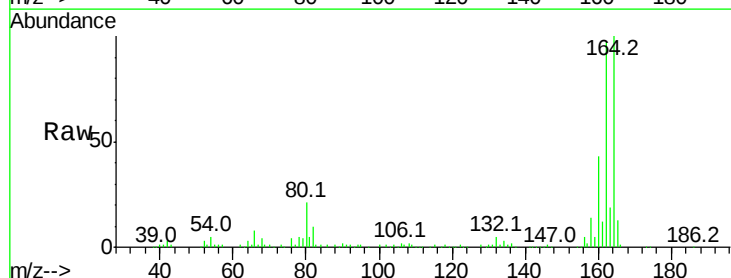
Instrument :
BNA_F
ClientSampleId :
W-17

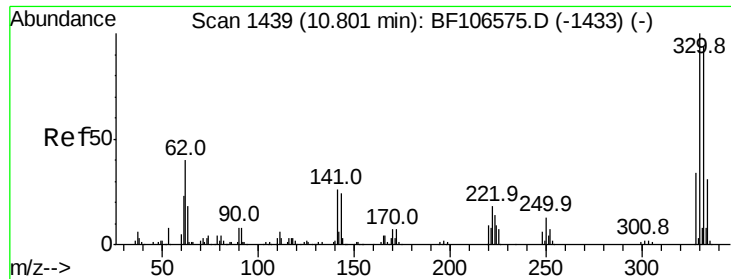
Tot Ion: 82 Resp: 424001
Ion Ratio Lower Upper
82 100
128 44.6 36.1 54.1
54 49.3 41.4 62.2



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.99 min Scan# 1301
Delta R.T. -0.02 min
Lab File: BF107000.D
Acq: 30 Jun 2018 3:44

Tgt Ion:164 Resp: 125328
Ion Ratio Lower Upper
164 100
162 96.8 86.1 129.1
160 42.8 38.3 57.5

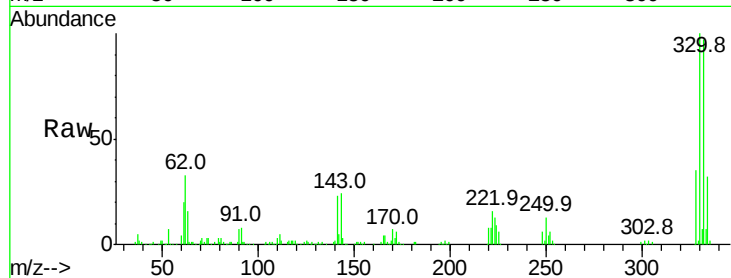




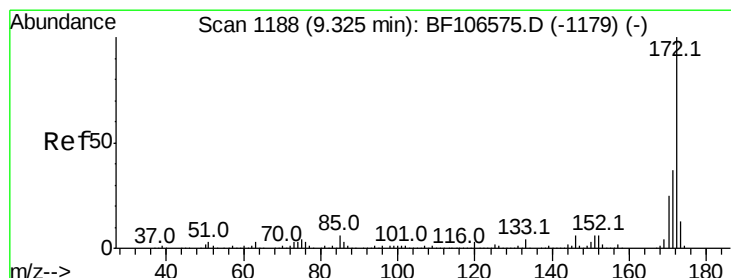
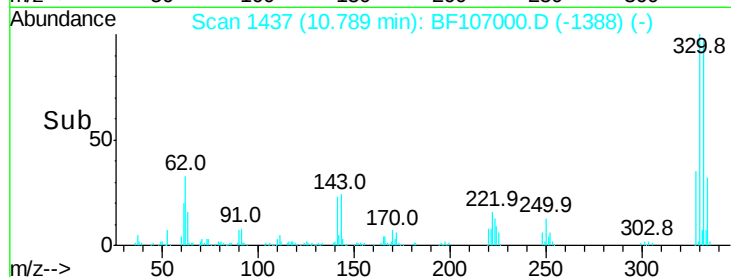
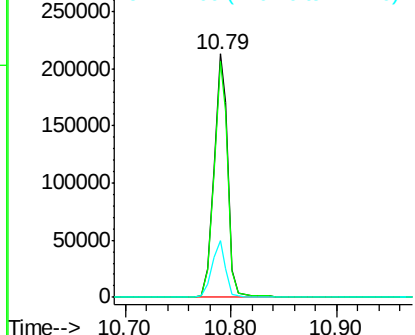
#41
 2,4,6-Tribromophenol
 Concen: 136.933 ng
 RT: 10.79 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF107000.D
 Acq: 30 Jun 2018 3:44

Instrument :
 BNA_F
 ClientSampleId :
 W-17

Tot Ion:330 Resp: 198907
 Ion Ratio Lower Upper
 330 100
 332 96.3 77.0 115.6
 141 23.3 29.9 44.9#

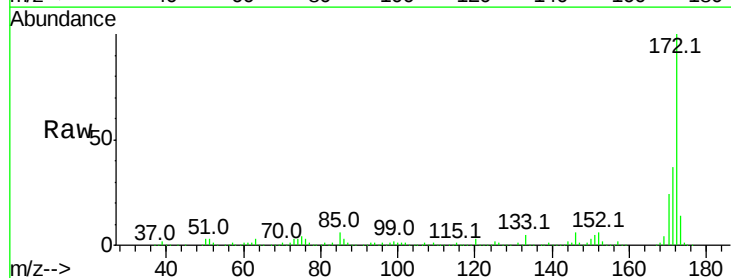


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

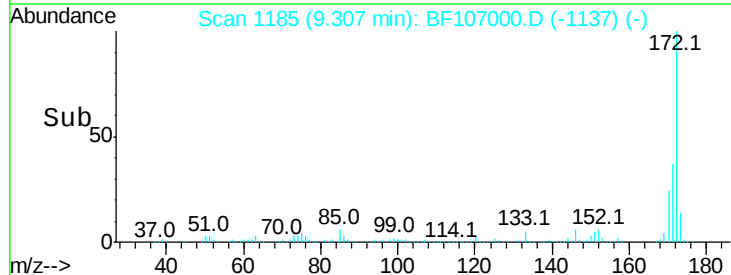
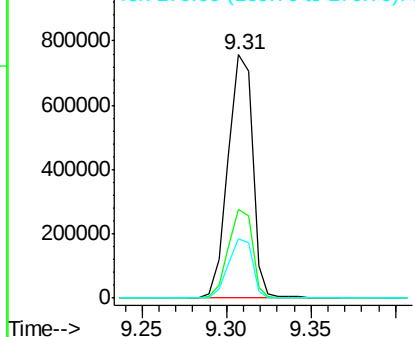


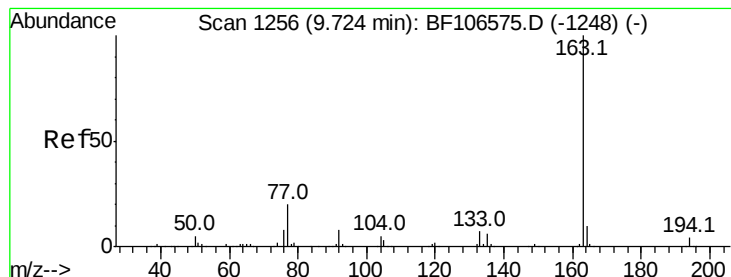
#44
 2-Fluorobiphenyl
 Concen: 107.680 ng
 RT: 9.31 min Scan# 1185
 Delta R.T. -0.02 min
 Lab File: BF107000.D
 Acq: 30 Jun 2018 3:44

Tgt Ion:172 Resp: 768159
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.7 44.5
 170 24.3 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: 3.755 ng

RT: 9.70 min Scan# 1252

Delta R.T. -0.02 min

Lab File: BF107000.D

Acq: 30 Jun 2018 3:44

Instrument :

BNA_F

ClientSampleId :

W-17

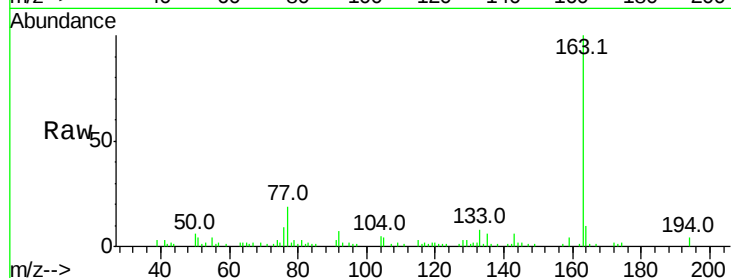
Tot Ion:163 Resp: 35297

Ion Ratio Lower Upper

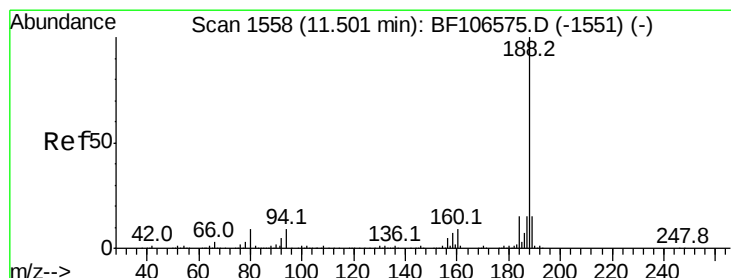
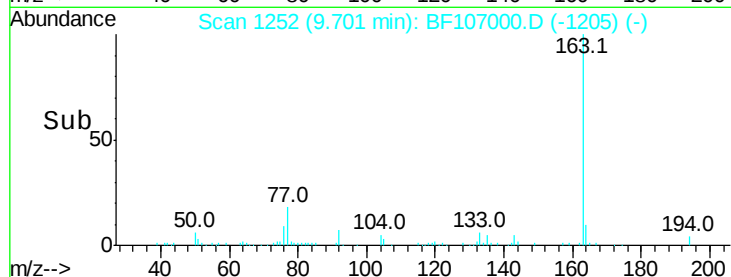
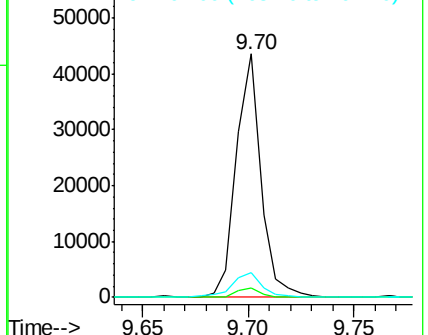
163 100

194 3.9 2.7 4.1

164 10.1 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: BF107000.D

Acq: 30 Jun 2018 3:44

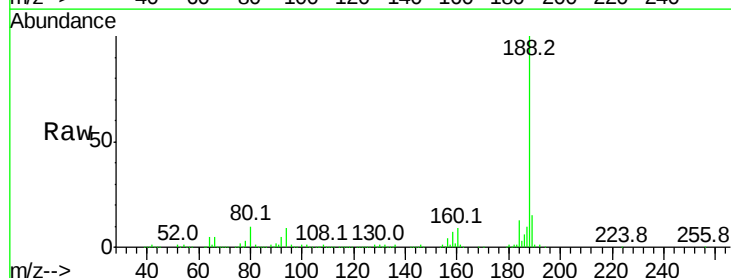
Tgt Ion:188 Resp: 217318

Ion Ratio Lower Upper

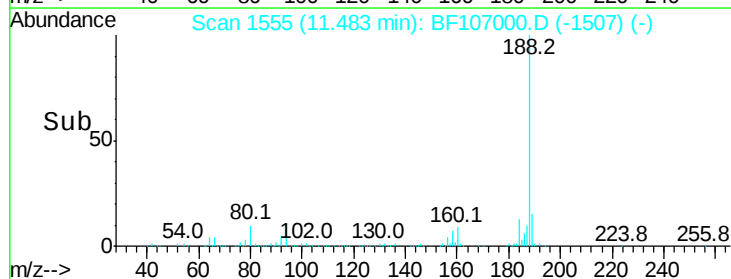
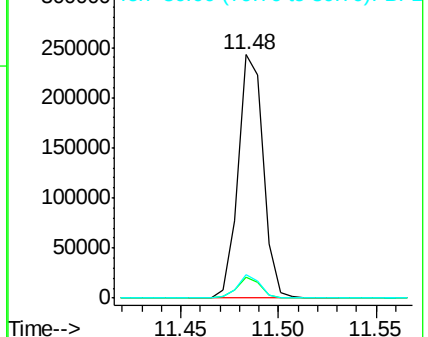
188 100

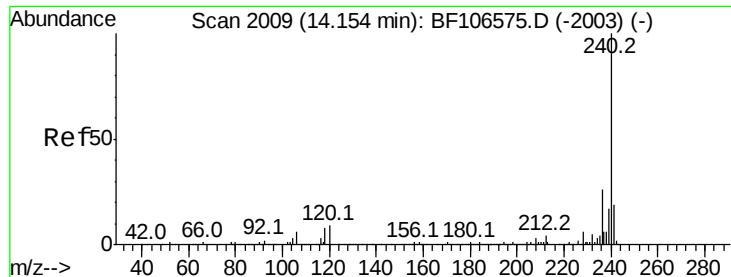
94 8.8 8.5 12.7

80 9.6 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: BF107000.D

Acq: 30 Jun 2018 3:44

Instrument :

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ClientSampleId :

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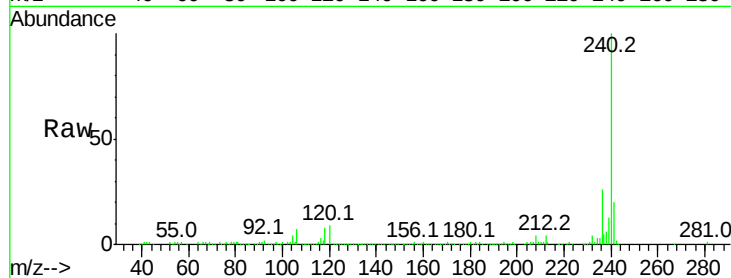
Tot Ion:240 Resp: 203125

Ion Ratio Lower Upper

240 100

120 9.1 9.5 14.3#

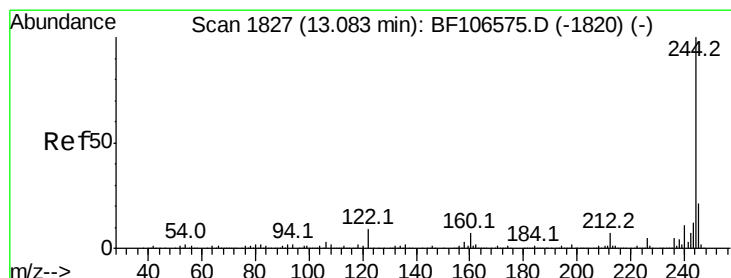
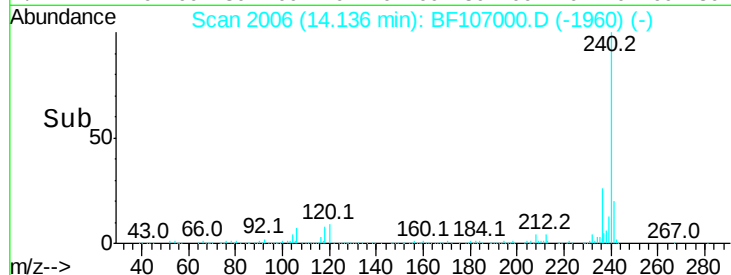
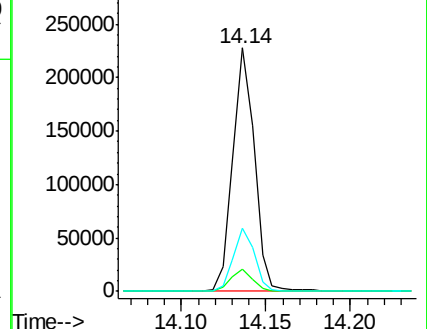
236 25.9 20.7 31.1



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: 89.851 ng

RT: 13.07 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF107000.D

Acq: 30 Jun 2018 3:44

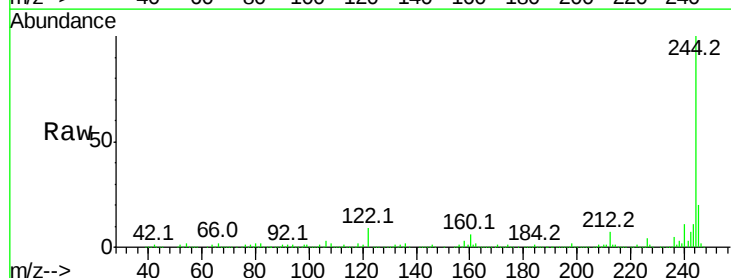
Tgt Ion:244 Resp: 753460

Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.0

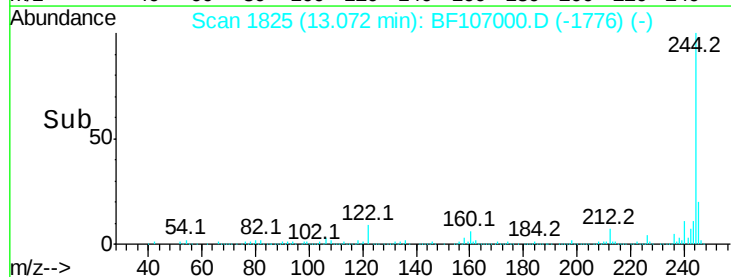
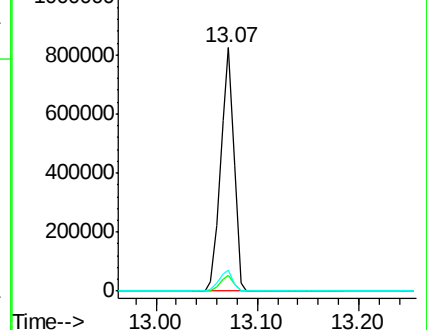
122 8.6 11.0 16.4#

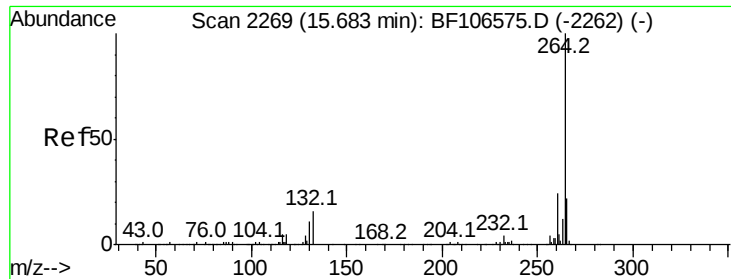


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

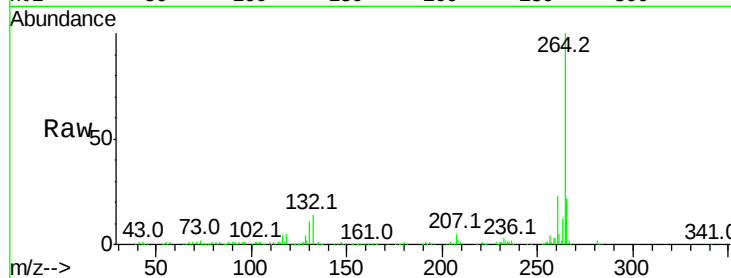




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.67 min Scan# 2267
 Delta R.T. -0.05 min
 Lab File: BF107000.D
 Acq: 30 Jun 2018 3:44

Instrument :
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Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.2	28.8
265	21.6	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

