

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061418\
 Data File : BF106477.D
 Acq On : 15 Jun 2018 7:16
 Operator : JU/SJ
 Sample : J3475-04
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 061218-DBRI-F-D-B

Quant Time: Jun 15 08:47:44 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 14 18:39:24 2018
 Response via : Initial Calibration

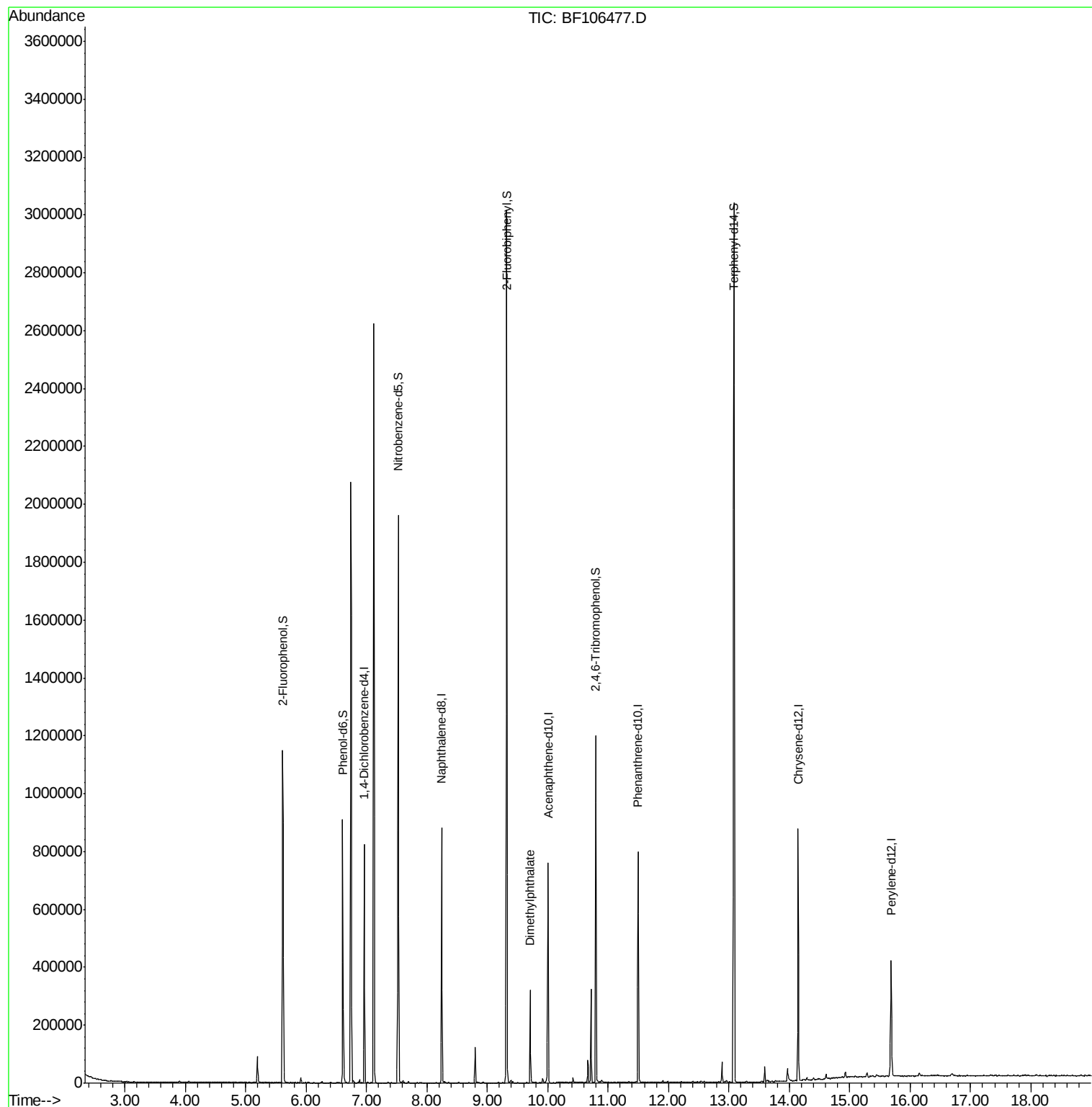
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	108578	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	360422	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	138061	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	269860	20.00	ng	0.00
75) Chrysene-d12	14.15	240	291212	20.00	ng	-0.01
86) Perylene-d12	15.68	264	197738	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	323986	50.50	ng	0.00
7) Phenol-d6	6.61	99	272032	33.56	ng	0.00
23) Nitrobenzene-d5	7.53	82	662490	108.13	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	146862	110.56	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	994607	181.66	ng	0.00
78) Terphenyl-d14	13.08	244	1107316	94.44	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.71	163	118626	12.027	ng	Qvalue 99

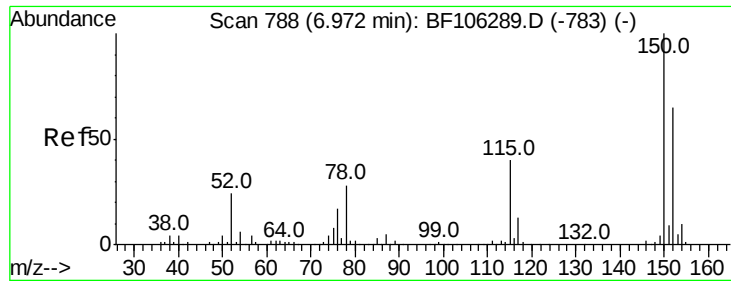
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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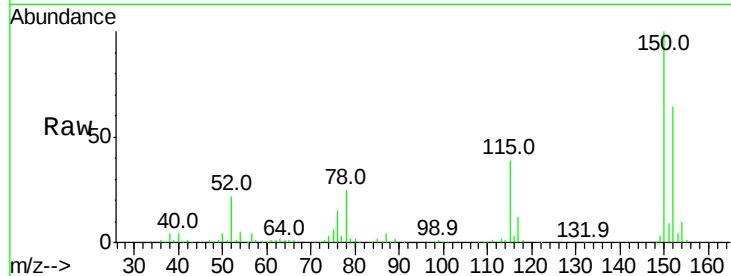


#1

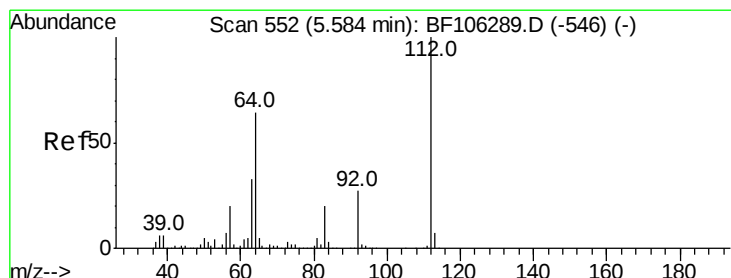
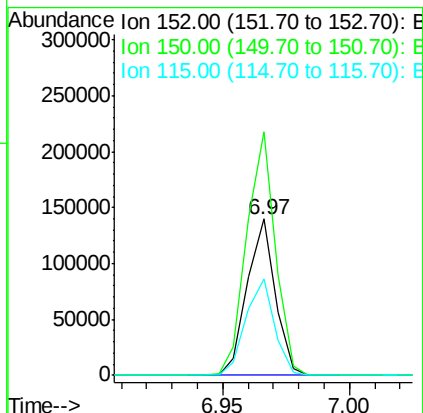
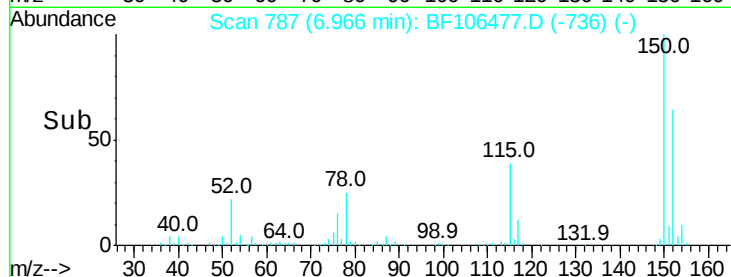
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. -0.00 min
Lab File: BF106477.D
Acq: 15 Jun 2018 7:16

Instrument :
BNA_F
ClientSampleId :
061218-DBRI-F-D-B

Tot Ion:152 Resp: 108578
Ion Ratio Lower Upper
152 100
150 155.6 124.6 186.8
115 61.2 50.1 75.1



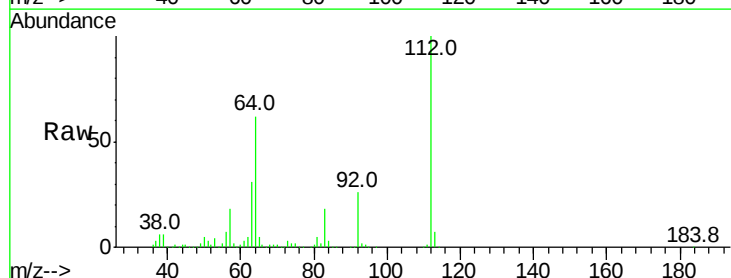
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



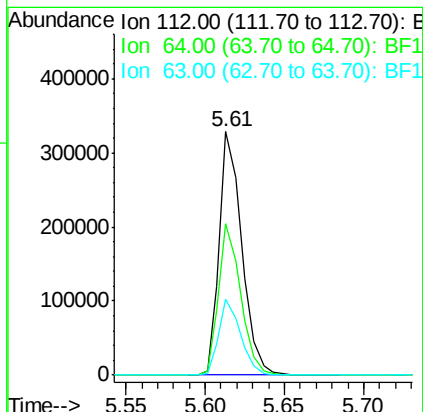
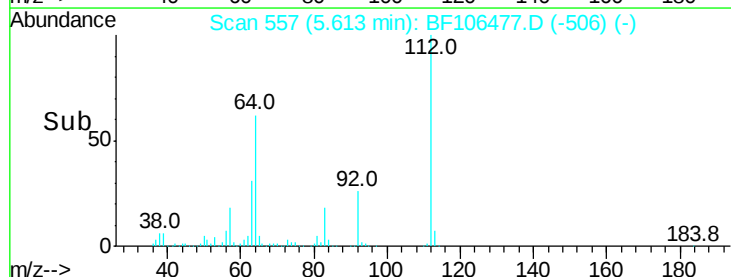
#5

2-Fluorophenol
Concen: 50.502 ng
RT: 5.61 min Scan# 557
Delta R.T. -0.00 min
Lab File: BF106477.D
Acq: 15 Jun 2018 7:16

Tgt Ion:112 Resp: 323986
Ion Ratio Lower Upper
112 100
64 62.0 47.9 71.9
63 31.0 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: 33.563 ng

RT: 6.61 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF106477.D

Acq: 15 Jun 2018 7:16

Instrument :

BNA_F

ClientSampleId :

061218-DBRI-F-D-B

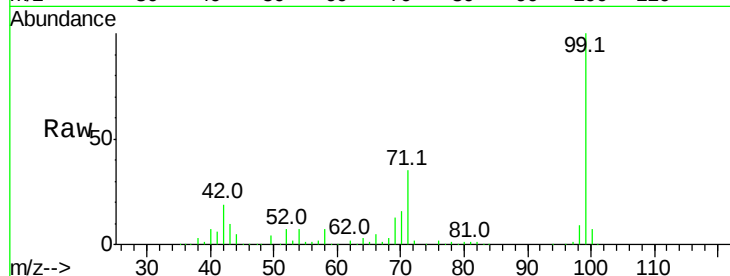
Tot Ion: 99 Resp: 272032

Ion Ratio Lower Upper

99 100

42 19.2 14.5 21.7

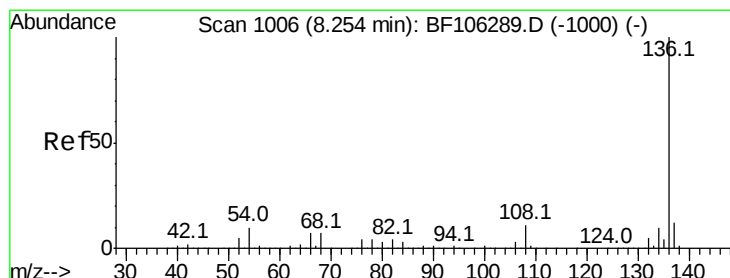
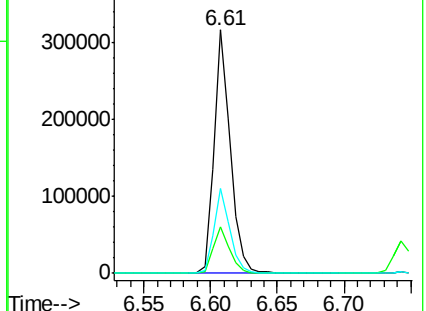
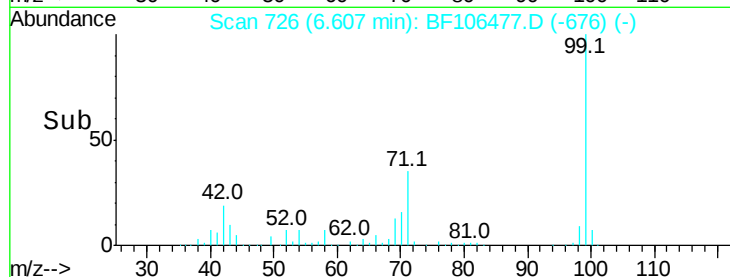
71 34.9 25.4 38.0



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: 8.25 min Scan# 1005

Delta R.T. -0.01 min

Lab File: BF106477.D

Acq: 15 Jun 2018 7:16

Tgt Ion: 136 Resp: 360422

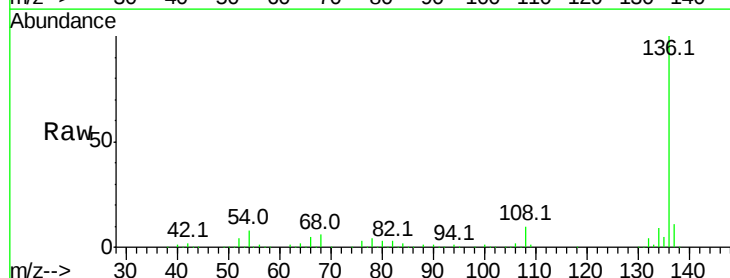
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 8.2 6.6 9.8

68 6.5 5.0 7.4

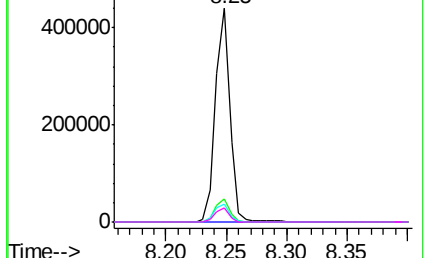
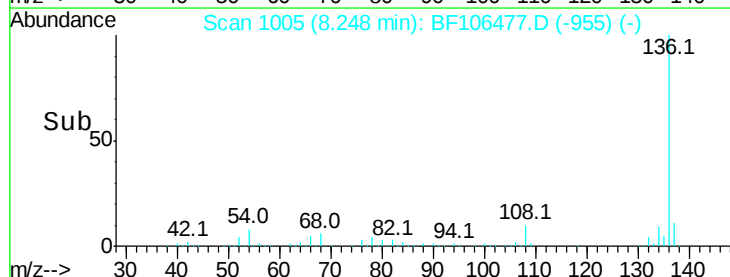


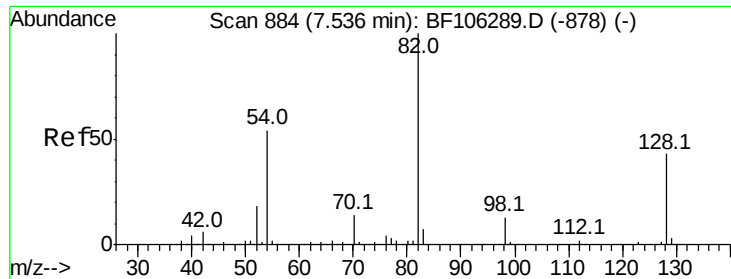
Abundance Ion 136.00 (135.70 to 136.70): E

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: 108.132 ng

RT: 7.53 min Scan# 883

Delta R.T. -0.01 min

Lab File: BF106477.D

Acq: 15 Jun 2018 7:16

Instrument :

BNA_F

ClientSampleId :

061218-DBRI-F-D-B

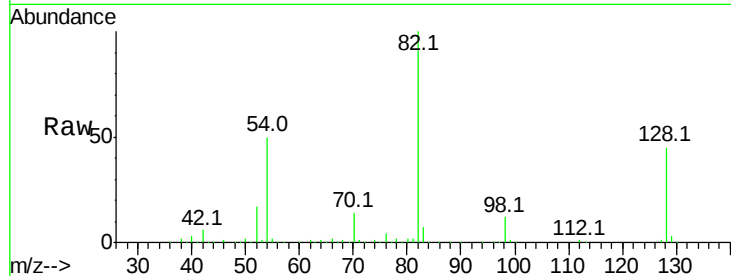
Tot Ion: 82 Resp: 662490

Ion Ratio Lower Upper

82 100

128 45.4 36.1 54.1

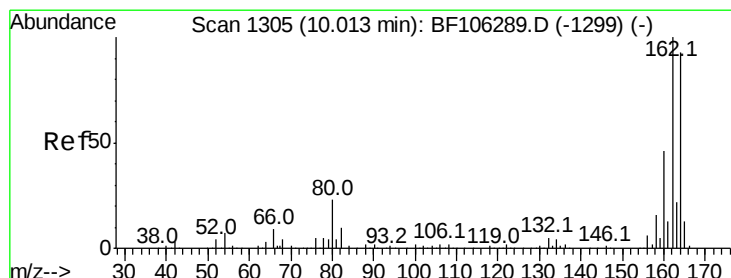
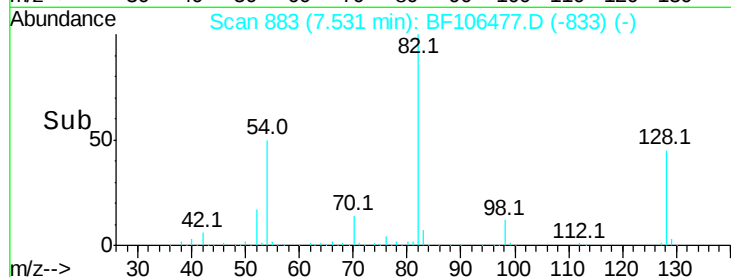
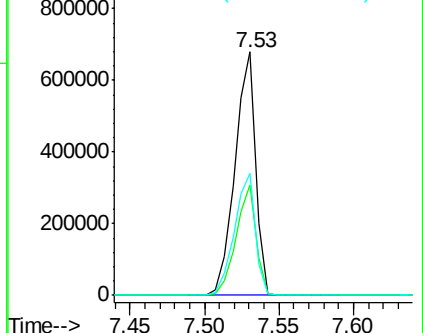
54 50.2 41.4 62.2



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: 10.01 min Scan# 1304

Delta R.T. -0.01 min

Lab File: BF106477.D

Acq: 15 Jun 2018 7:16

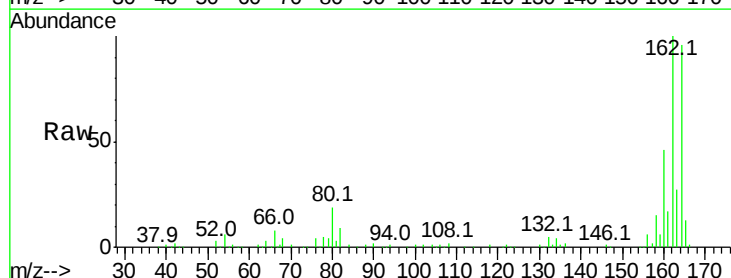
Tgt Ion:164 Resp: 138061

Ion Ratio Lower Upper

164 100

162 104.7 86.1 129.1

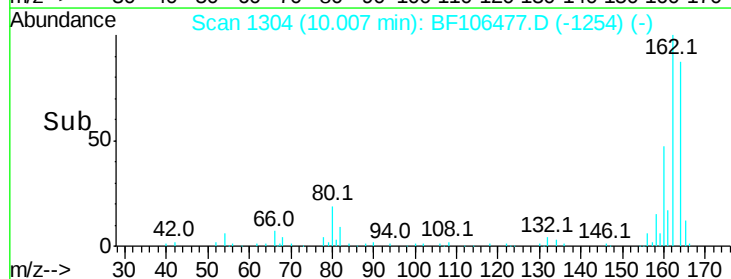
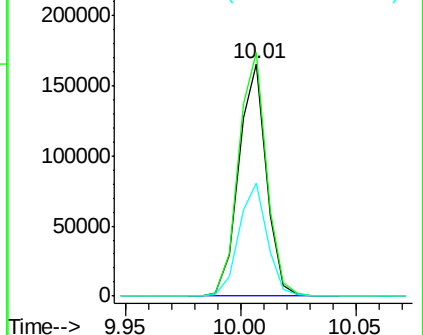
160 48.6 38.3 57.5



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

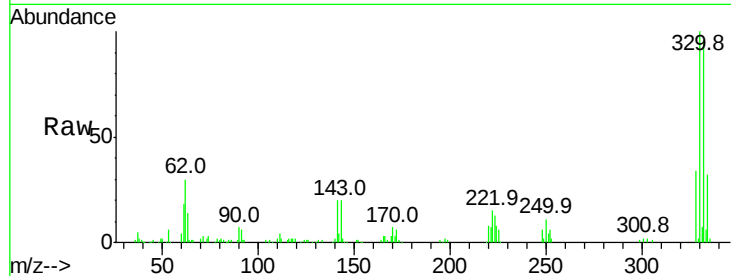




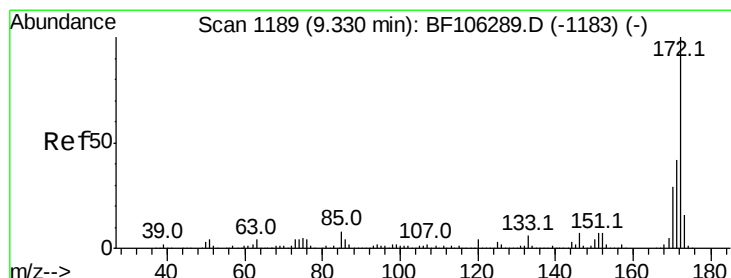
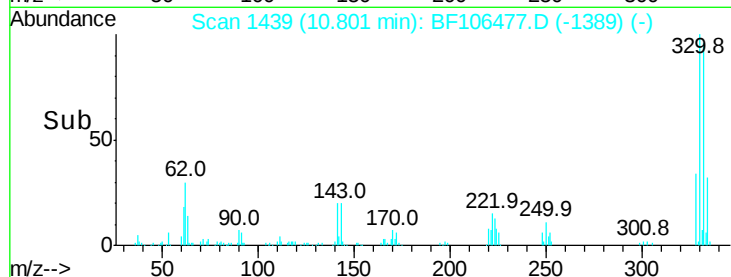
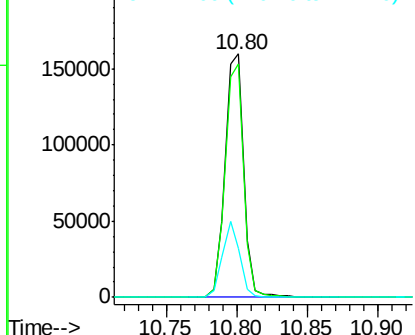
#41
 2,4,6-Tribromophenol
 Concen: 110.557 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. -0.01 min
 Lab File: BF106477.D
 Acq: 15 Jun 2018 7:16

Instrument :
 BNA_F
 ClientSampleId :
 061218-DBRI-F-D-B

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.5	77.0	115.6
141	28.8	29.9	44.9#

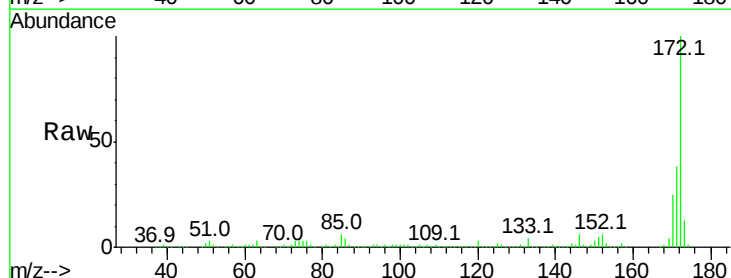


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

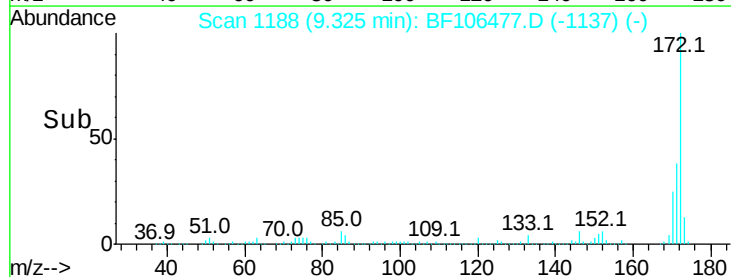
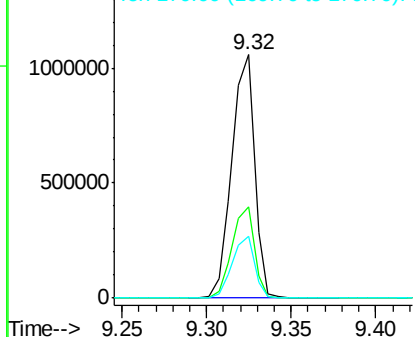


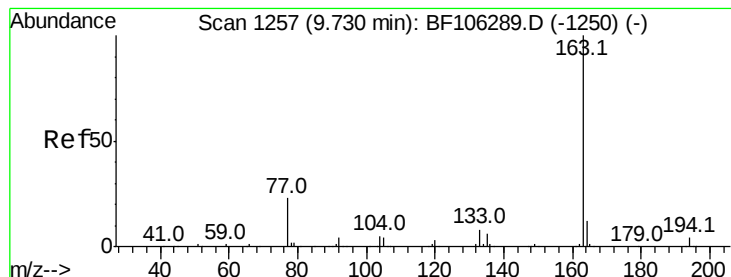
#44
 2-Fluorobiphenyl
 Concen: 181.655 ng
 RT: 9.32 min Scan# 1188
 Delta R.T. -0.00 min
 Lab File: BF106477.D
 Acq: 15 Jun 2018 7:16

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.7	29.7	44.5
170	25.2	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: 12.027 ng

RT: 9.71 min Scan# 1254

Delta R.T. -0.01 min

Lab File: BF106477.D

Acq: 15 Jun 2018 7:16

Instrument :

BNA_F

ClientSampleId :

061218-DBRI-F-D-B

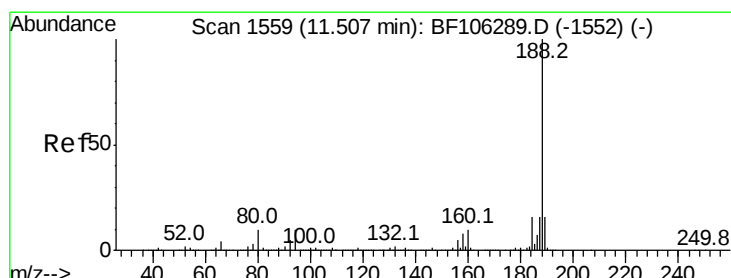
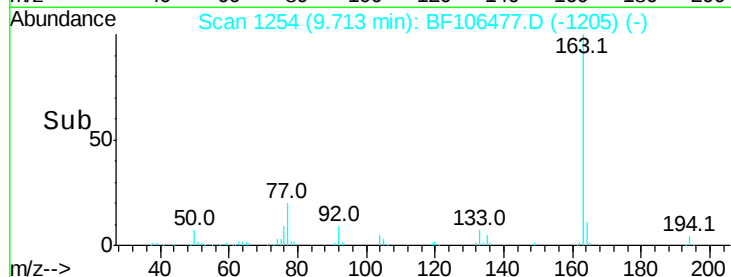
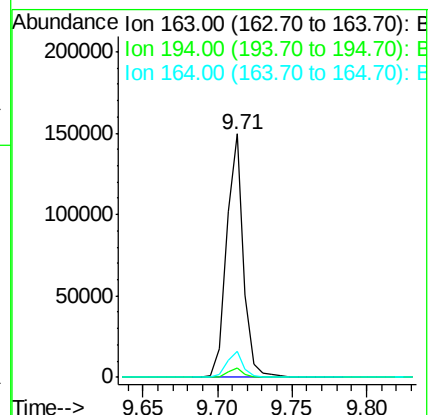
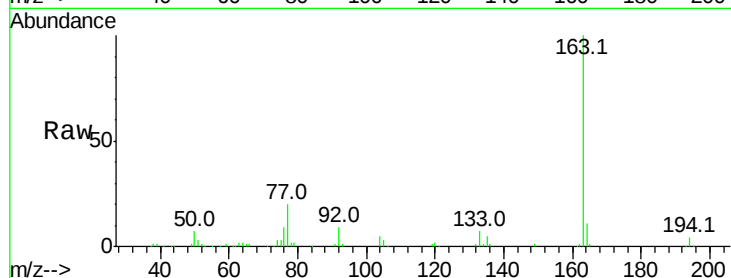
Tot Ion:163 Resp: 118626

Ion Ratio Lower Upper

163 100

194 3.9 2.7 4.1

164 10.5 8.2 12.2



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.50 min Scan# 1557

Delta R.T. -0.01 min

Lab File: BF106477.D

Acq: 15 Jun 2018 7:16

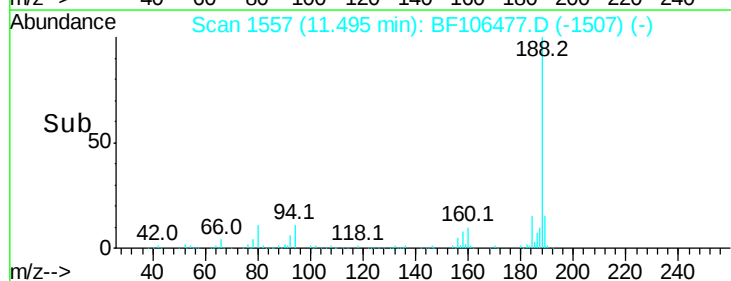
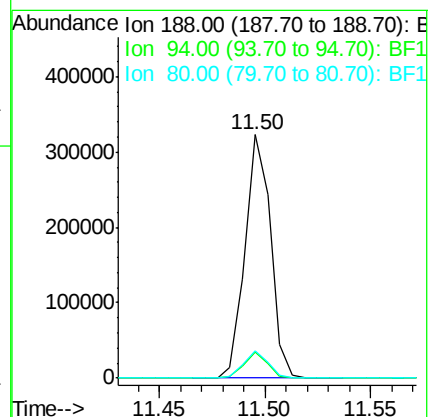
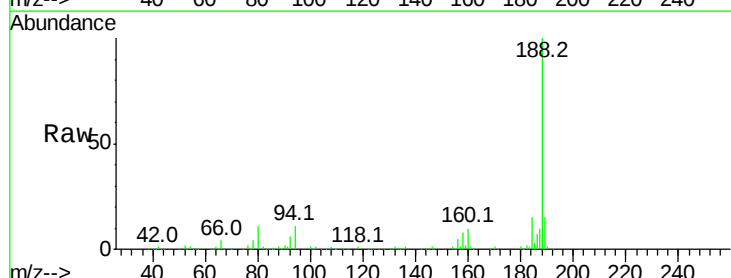
Tgt Ion:188 Resp: 269860

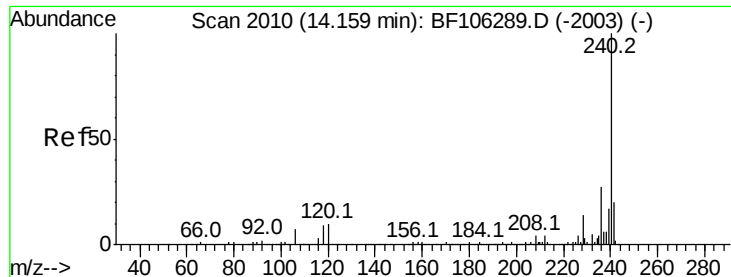
Ion Ratio Lower Upper

188 100

94 10.6 8.5 12.7

80 11.2 9.2 13.8





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2008

Delta R.T. -0.01 min

Lab File: BF106477.D

Acq: 15 Jun 2018 7:16

Instrument :

BNA_F

ClientSampleId :

061218-DBRI-F-D-B

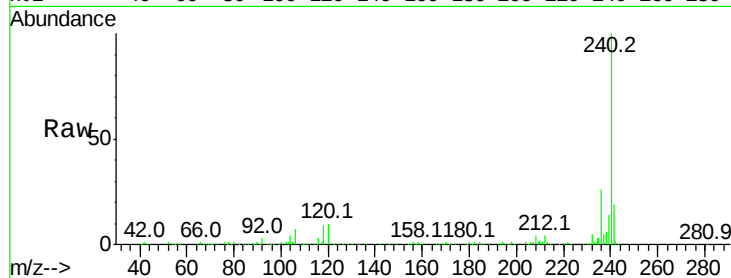
Tot Ion:240 Resp: 291212

Ion Ratio Lower Upper

240 100

120 10.3 9.5 14.3

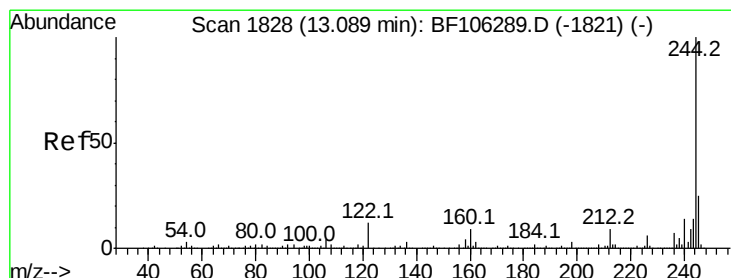
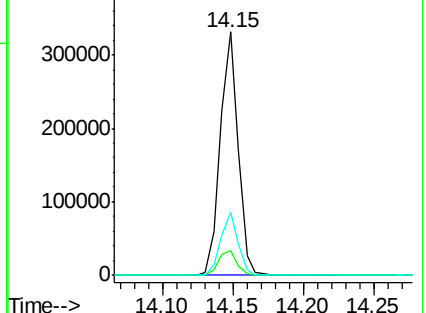
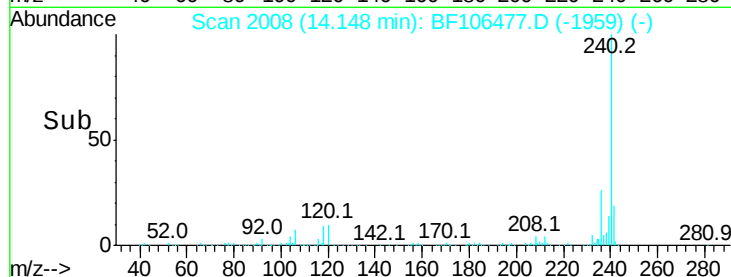
236 25.7 20.7 31.1



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: 94.444 ng

RT: 13.08 min Scan# 1827

Delta R.T. -0.01 min

Lab File: BF106477.D

Acq: 15 Jun 2018 7:16

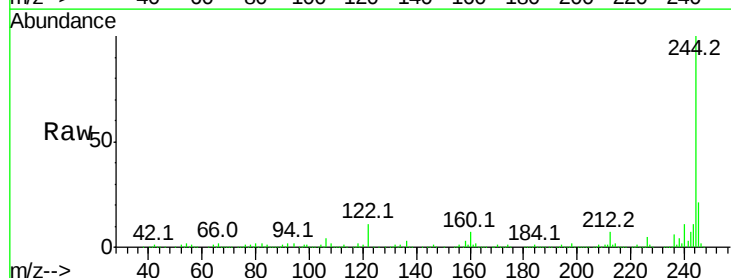
Tgt Ion:244 Resp: 1107316

Ion Ratio Lower Upper

244 100

212 7.3 5.4 8.0

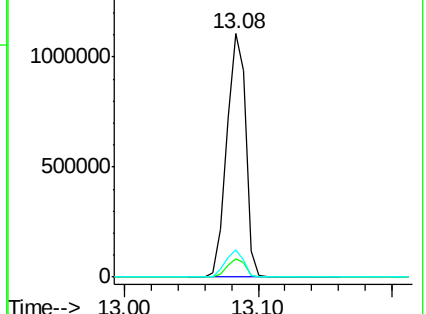
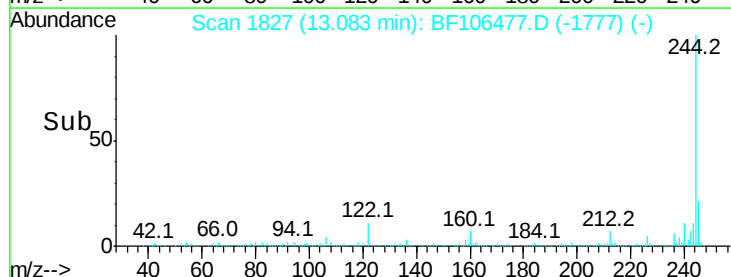
122 11.2 11.0 16.4

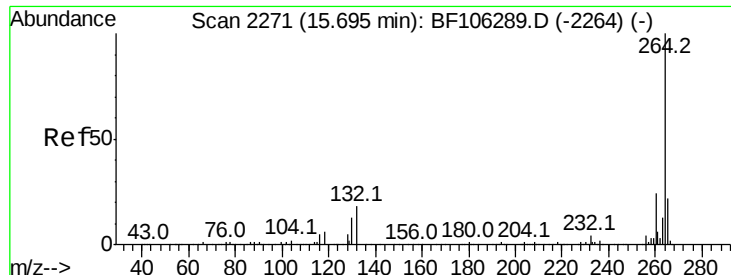


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

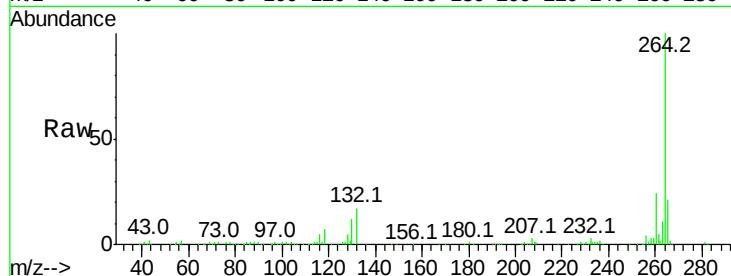




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.68 min Scan# 2269
 Delta R.T. -0.02 min
 Lab File: BF106477.D
 Acq: 15 Jun 2018 7:16

Instrument :
 BNA_F
 ClientSampleId :
 061218-DBRI-F-D-B

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	20.6	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

