

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061918\
 Data File : BF106602.D
 Acq On : 20 Jun 2018 00:16
 Operator : JU/SJ
 Sample : J3554-07
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 A-6(3.0)

Quant Time: Jun 20 04:40:47 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 19 14:32:09 2018
 Response via : Initial Calibration

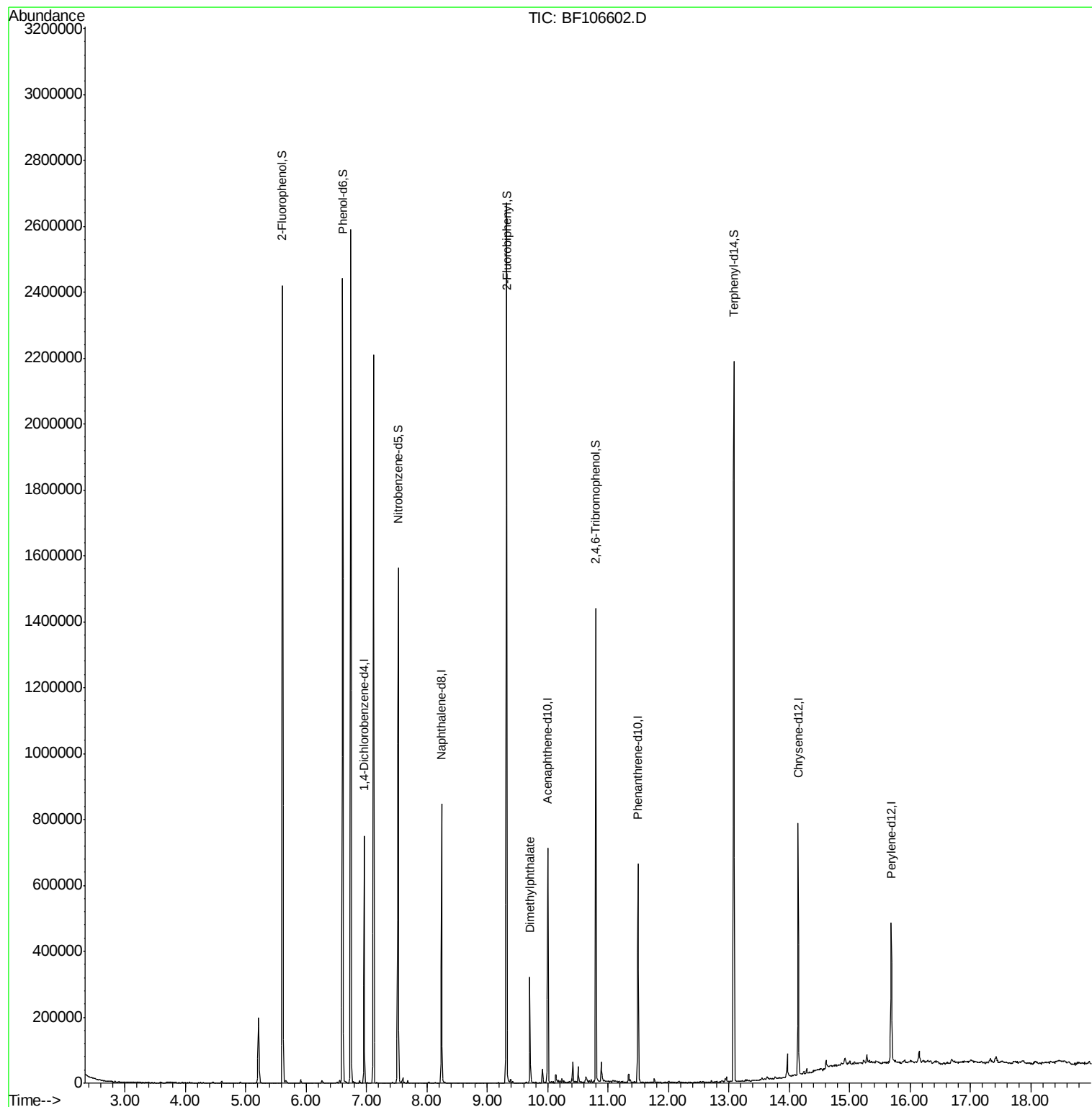
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	103348	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	359945	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	144021	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	226361	20.00	ng	0.00
75) Chrysene-d12	14.15	240	254164	20.00	ng	0.00
86) Perylene-d12	15.69	264	198120	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	730351	119.67	ng	0.01
7) Phenol-d6	6.61	99	914817	120.03	ng	0.00
23) Nitrobenzene-d5	7.52	82	614089	94.81	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	191824	114.92	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	864711	105.12	ng	0.00
78) Terphenyl-d14	13.08	244	756961	72.14	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.71	163	123016	11.389	ng	Qvalue 99

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

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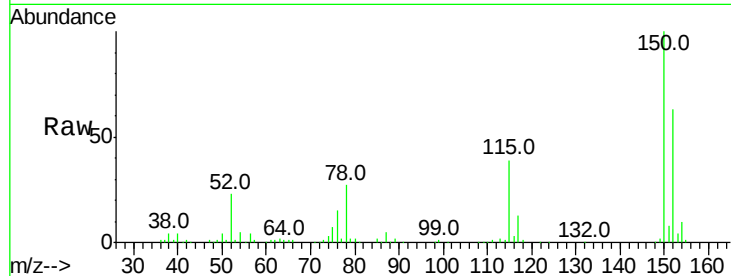


#1

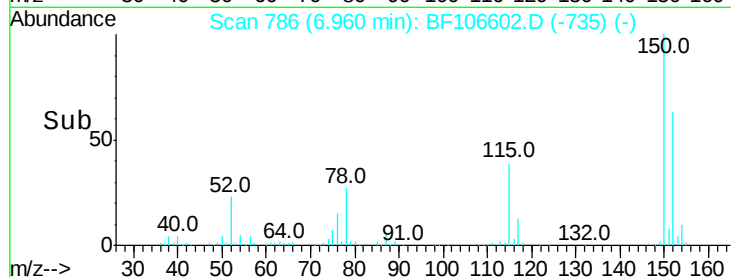
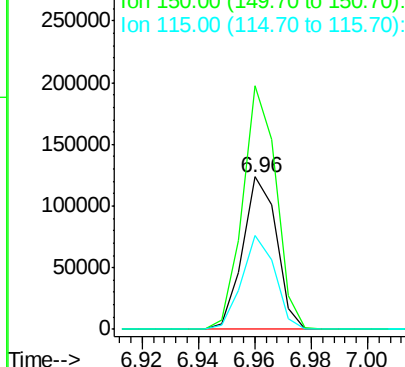
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF106602.D
Acq: 20 Jun 2018 00:16

Instrument :
BNA_F
ClientSampled :
A-6(3.0)

Tot Ion:152 Resp: 103348
Ion Ratio Lower Upper
152 100
150 159.7 124.6 186.8
115 61.9 50.1 75.1



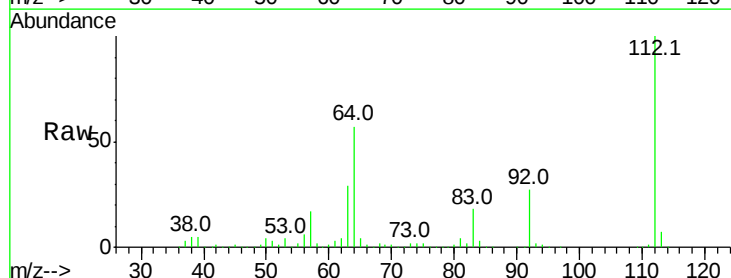
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



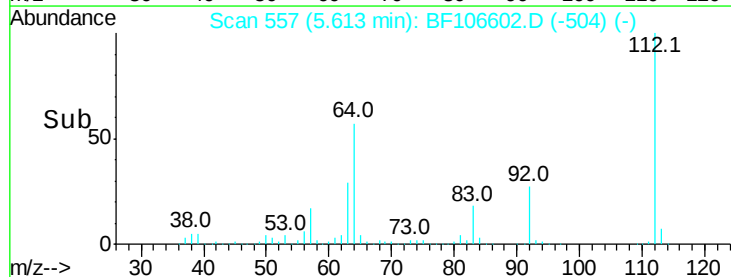
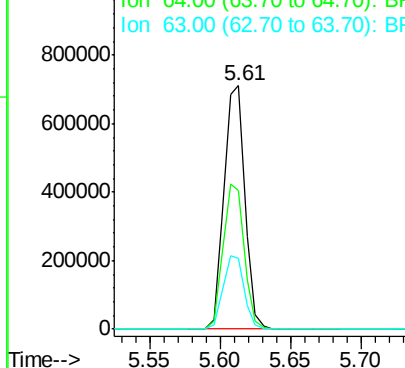
#5

2-Fluorophenol
Concen: 119.665 ng
RT: 5.61 min Scan# 557
Delta R.T. 0.01 min
Lab File: BF106602.D
Acq: 20 Jun 2018 00:16

Tgt Ion:112 Resp: 730351
Ion Ratio Lower Upper
112 100
64 57.0 47.9 71.9
63 29.0 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: 120.026 ng

RT: 6.61 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF106602.D

Acq: 20 Jun 2018 00:16

Instrument :

BNA_F

ClientSampled :

A-6(3.0)

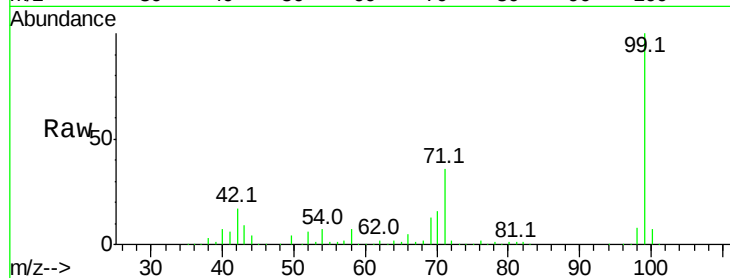
Tot Ion: 99 Resp: 914817

Ion Ratio Lower Upper

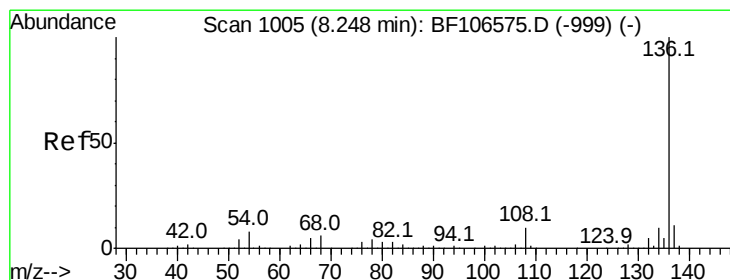
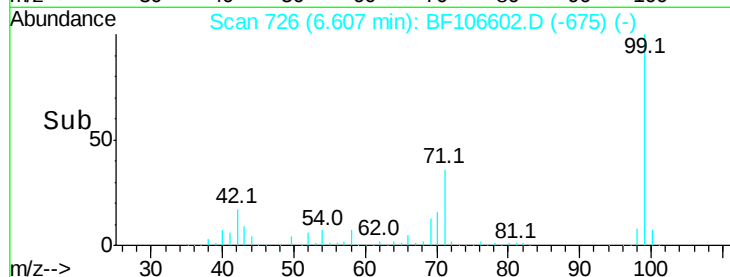
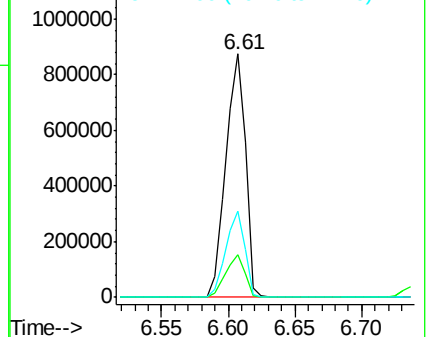
99 100

42 17.3 14.5 21.7

71 35.5 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: BF106602.D

Acq: 20 Jun 2018 00:16

Tgt Ion: 136 Resp: 359945

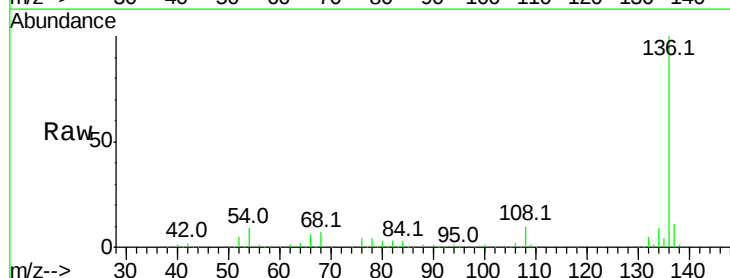
Ion Ratio Lower Upper

136 100

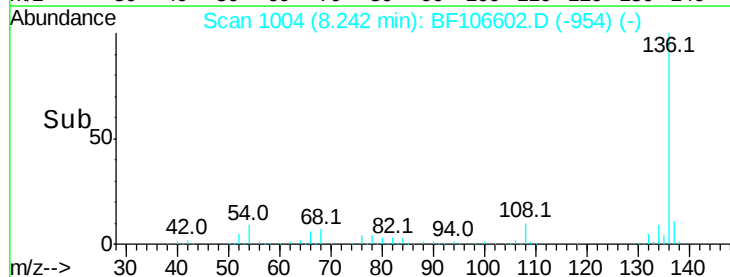
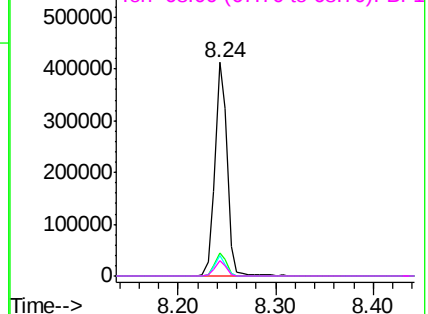
137 11.1 8.9 13.3

54 9.3 6.6 9.8

68 7.1 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

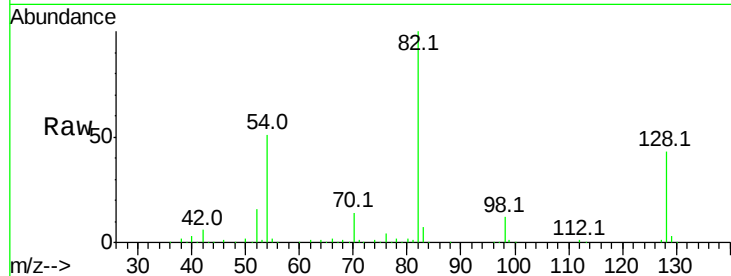




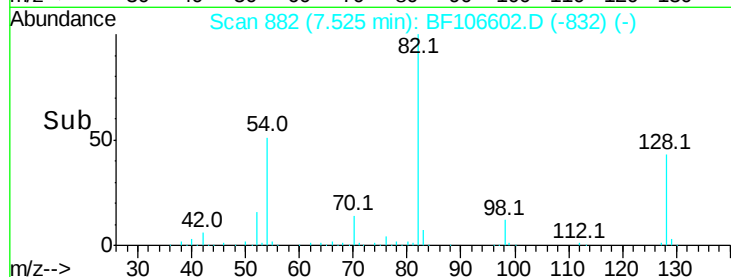
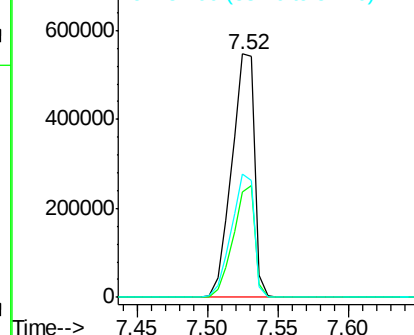
#23
Nitrobenzene-d5
Concen: 94.812 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF106602.D
Acq: 20 Jun 2018 00:16

Instrument :
BNA_F
ClientSampleId :
A-6(3.0)

Tot Ion: 82 Resp: 614089
Ion Ratio Lower Upper
82 100
128 43.2 36.1 54.1
54 50.8 41.4 62.2

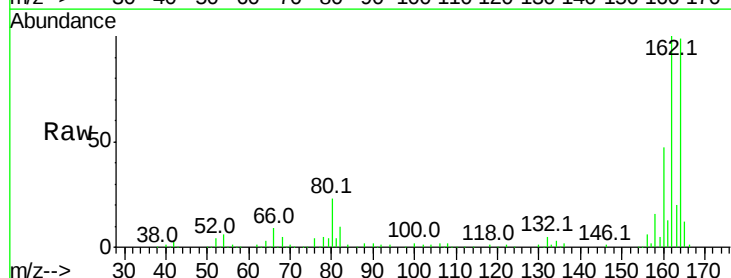


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

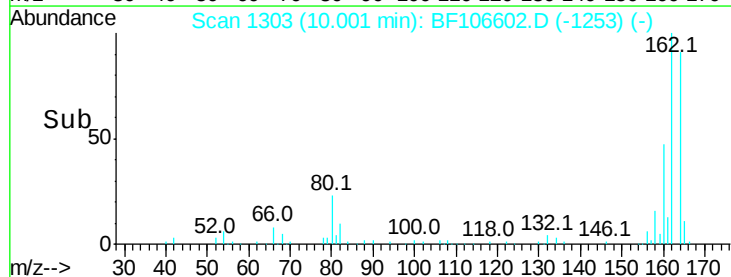
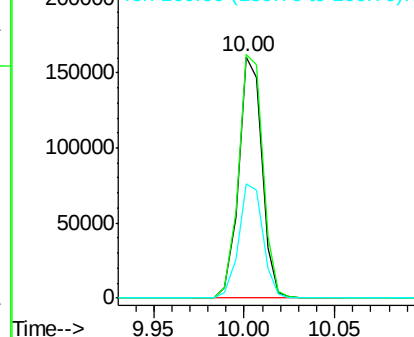


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF106602.D
Acq: 20 Jun 2018 00:16

Tgt Ion:164 Resp: 144021
Ion Ratio Lower Upper
164 100
162 101.0 86.1 129.1
160 47.2 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

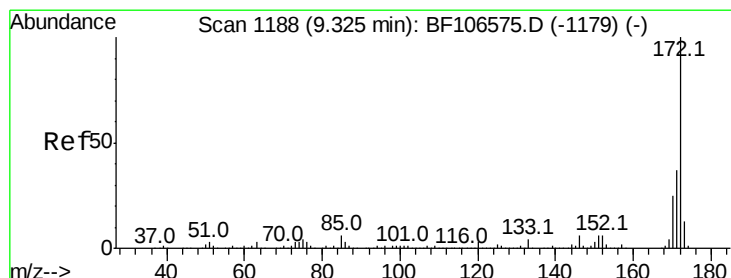
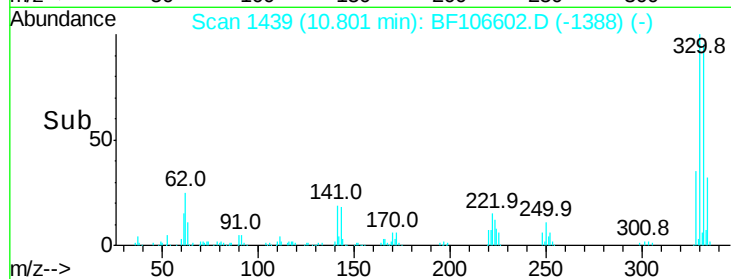
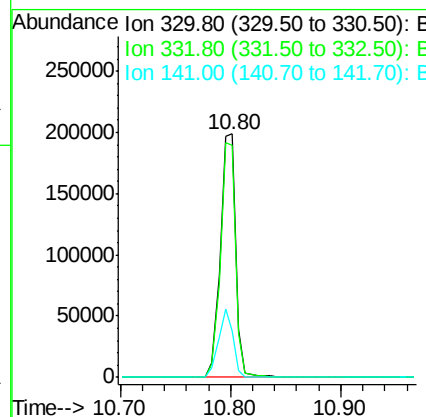
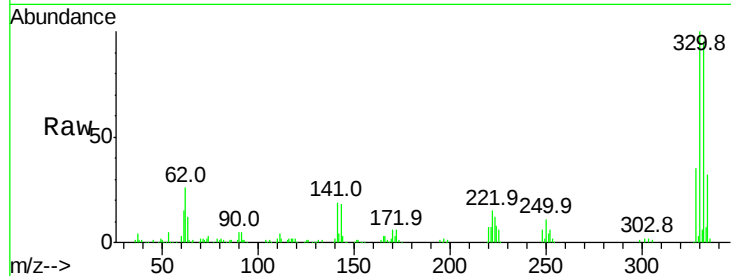




#41
 2,4,6-Tribromophenol
 Concen: 114.917 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: BF106602.D
 Acq: 20 Jun 2018 00:16

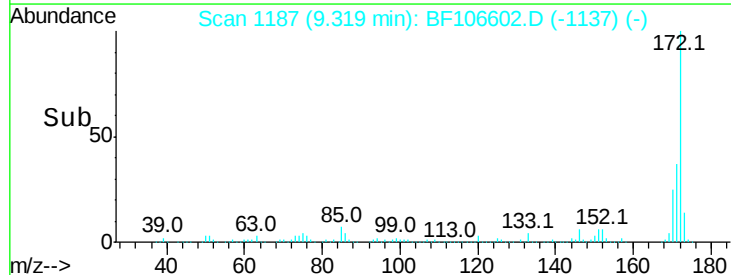
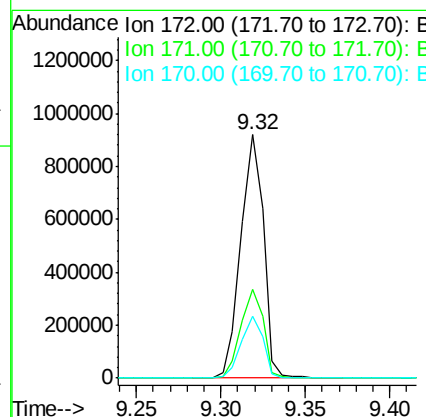
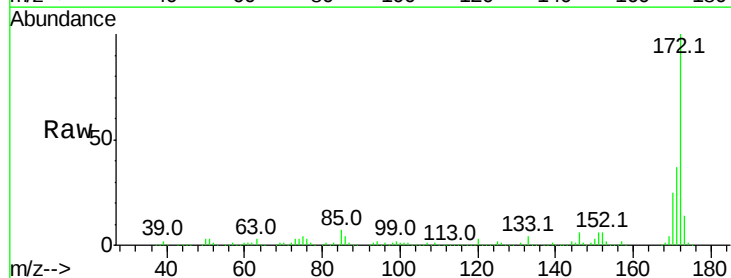
Instrument :
 BNA_F
 ClientSampleId :
 A-6(3.0)

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.1	77.0	115.6
141	26.3	29.9	44.9#



#44
 2-Fluorobiphenyl
 Concen: 105.118 ng
 RT: 9.32 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF106602.D
 Acq: 20 Jun 2018 00:16

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.7	44.5
170	25.4	19.6	29.4





#49

Dimethylphthalate

Concen: 11.389 ng

RT: 9.71 min Scan# 1253

Delta R.T. -0.02 min

Lab File: BF106602.D

Acq: 20 Jun 2018 00:16

Instrument :

BNA_F

ClientSampleId :

A-6(3.0)

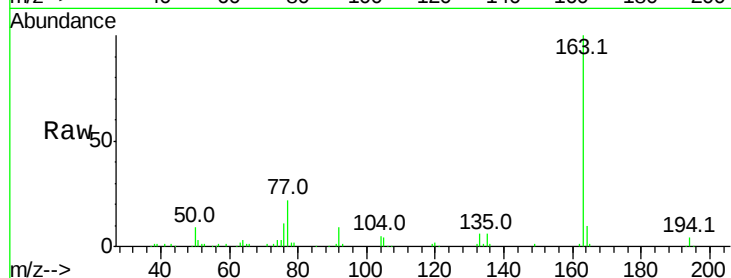
Tot Ion:163 Resp: 123016

Ion Ratio Lower Upper

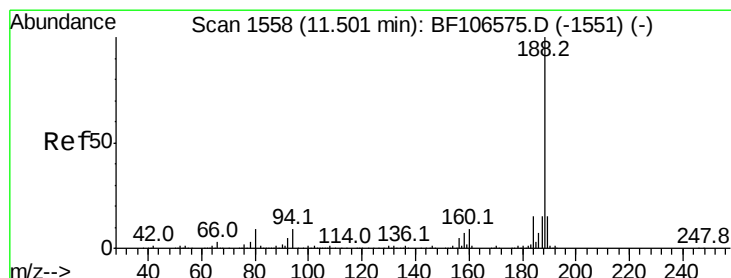
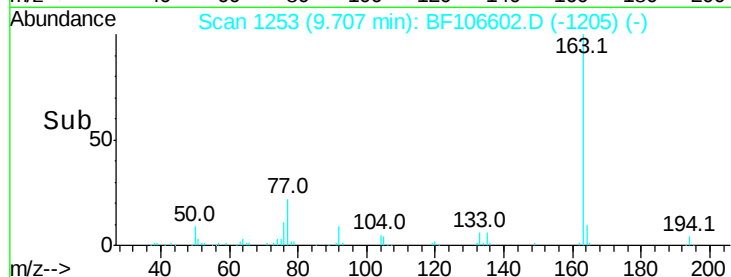
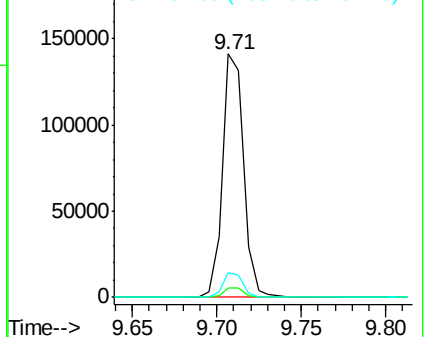
163 100

194 3.7 2.7 4.1

164 10.4 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: 11.50 min Scan# 1557

Delta R.T. -0.01 min

Lab File: BF106602.D

Acq: 20 Jun 2018 00:16

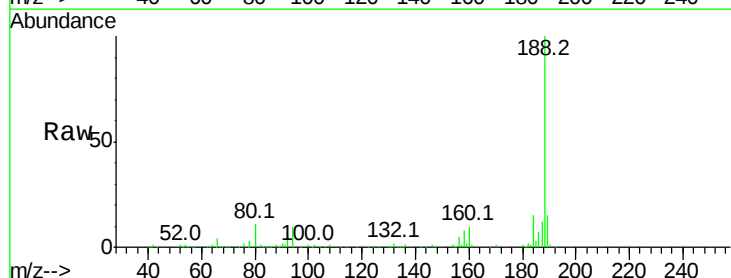
Tgt Ion:188 Resp: 226361

Ion Ratio Lower Upper

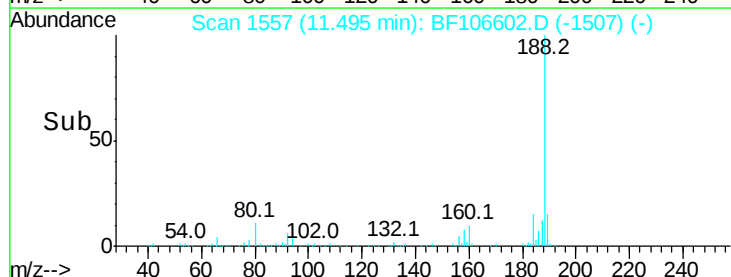
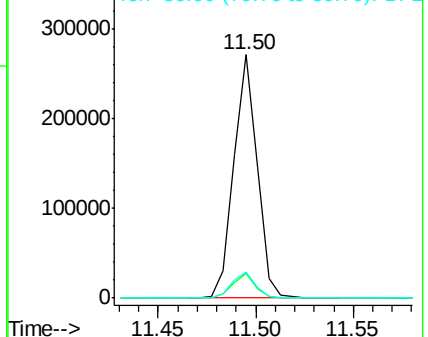
188 100

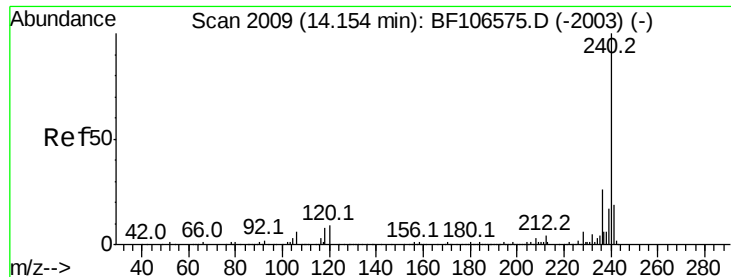
94 9.9 8.5 12.7

80 10.8 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: 14.15 min Scan# 2008

Delta R.T. -0.01 min

Lab File: BF106602.D

Acq: 20 Jun 2018 00:16

Instrument :

BNA_F

ClientSampleId :

A-6(3.0)

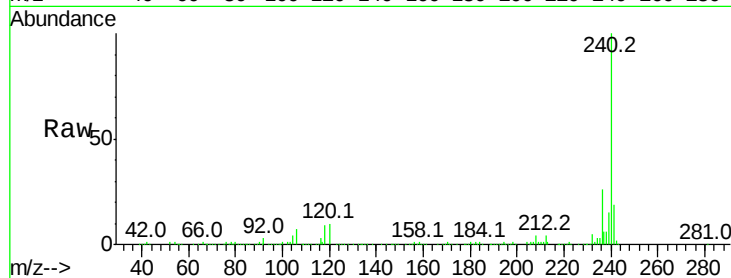
Tot Ion:240 Resp: 254164

Ion Ratio Lower Upper

240 100

120 10.0 9.5 14.3

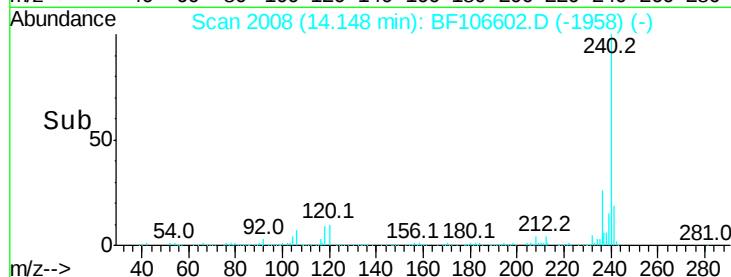
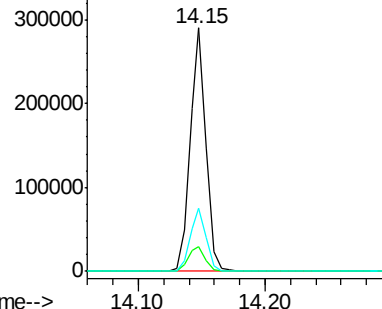
236 26.1 20.7 31.1



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: 72.142 ng

RT: 13.08 min Scan# 1827

Delta R.T. 0.00 min

Lab File: BF106602.D

Acq: 20 Jun 2018 00:16

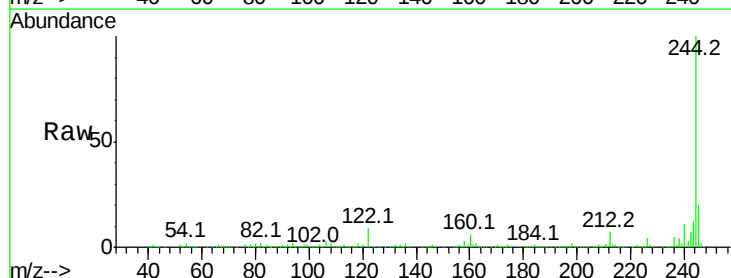
Tgt Ion:244 Resp: 756961

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

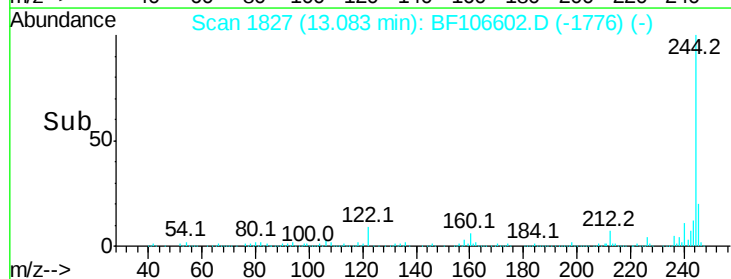
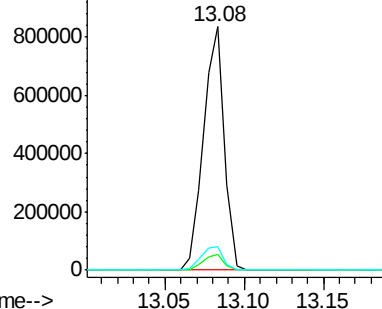
122 9.4 11.0 16.4#

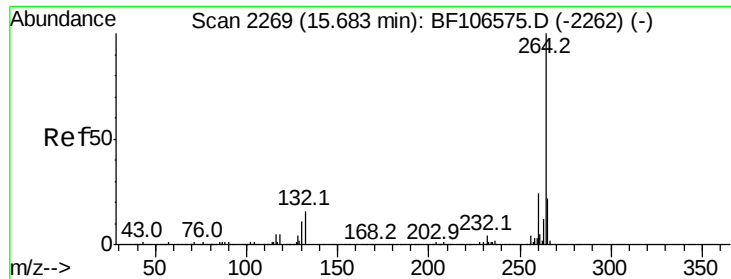


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.69 min Scan# 2270
Delta R.T. 0.01 min
Lab File: BF106602.D
Acq: 20 Jun 2018 00:16

Instrument :
BNA_F
ClientSampleId :
A-6(3.0)

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	21.2	17.5	26.3

