

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062218\
 Data File : BF106750.D
 Acq On : 23 Jun 2018 10:24
 Operator : JU/SJ
 Sample : J3624-01 20X
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DRUM-1

Quant Time: Jun 25 01:19:01 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 22 11:34:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	41585	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	137236	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	59315	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	103179	20.00	ng	0.00
75) Chrysene-d12	14.15	240	144168	20.00	ng	0.00
86) Perylene-d12	15.69	264	108146	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	5530	2.25	ng	0.00
7) Phenol-d6	6.60	99	6460	2.11	ng	0.00
23) Nitrobenzene-d5	7.52	82	3579	1.45	ng	-0.01
41) 2,4,6-Tribromophenol	10.79	330	1461	2.13	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	8466	-14.93	ng	-0.01
78) Terphenyl-d14	13.08	244	13242	2.22	ng	0.00

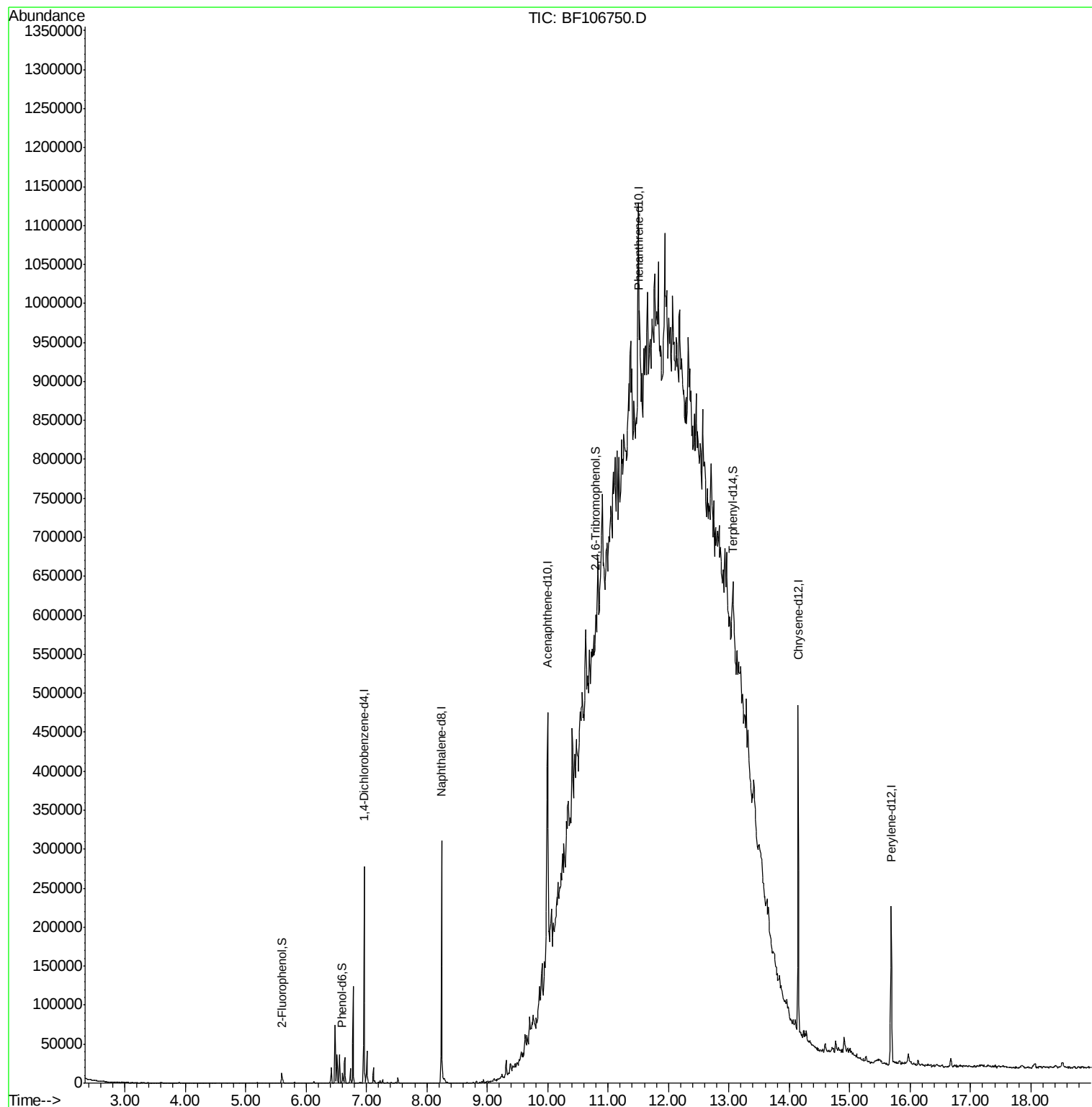
Target Compounds Qvalue

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

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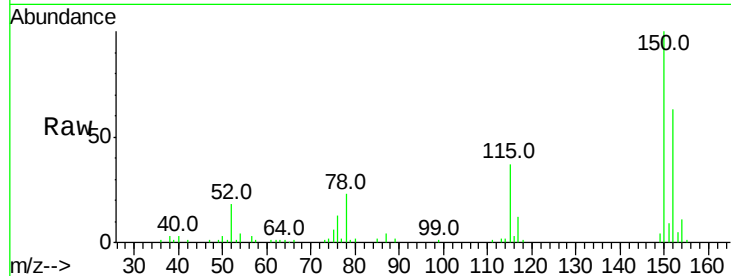


#1

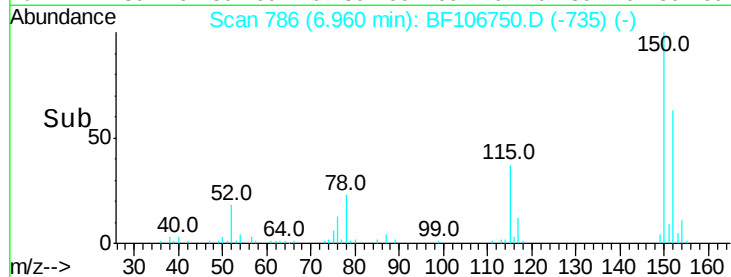
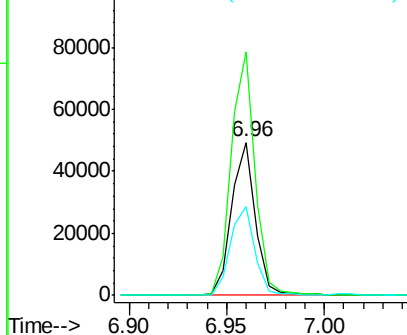
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. -0.00 min
Lab File: BF106750.D
Acq: 23 Jun 2018 10:24

Instrument :
BNA_F
ClientSampleId :
DRUM-1

Tot Ion:152 Resp: 41585
Ion Ratio Lower Upper
152 100
150 159.2 124.6 186.8
115 58.3 50.1 75.1



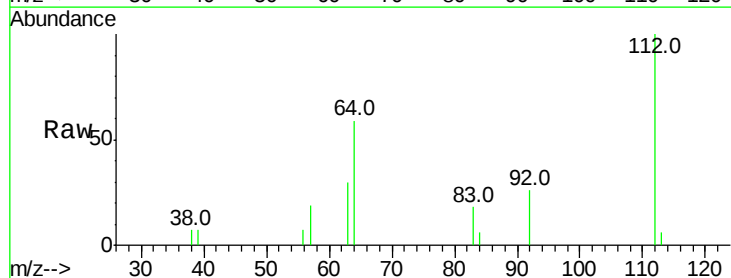
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



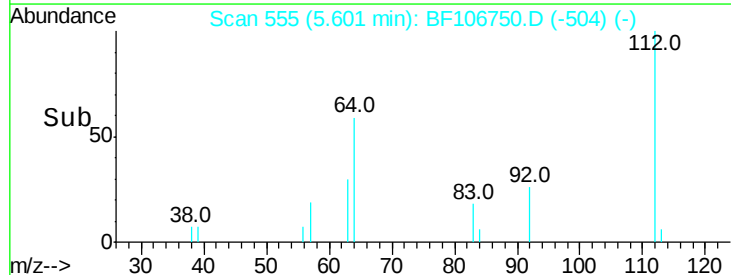
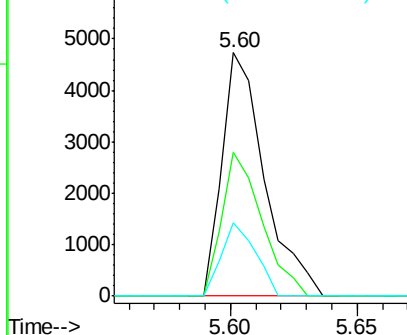
#5

2-Fluorophenol
Concen: 2.252 ng
RT: 5.60 min Scan# 555
Delta R.T. -0.00 min
Lab File: BF106750.D
Acq: 23 Jun 2018 10:24

Tgt Ion:112 Resp: 5530
Ion Ratio Lower Upper
112 100
64 59.3 47.9 71.9
63 30.1 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: 2.106 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF106750.D

Acq: 23 Jun 2018 10:24

Instrument :

BNA_F

ClientSampleId :

DRUM-1

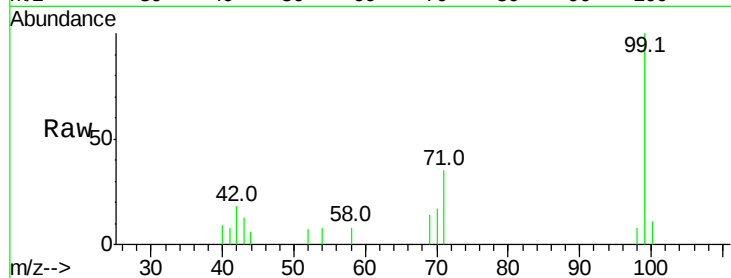
Tot Ion: 99 Resp: 6460

Ion Ratio Lower Upper

99 100

42 18.4 14.5 21.7

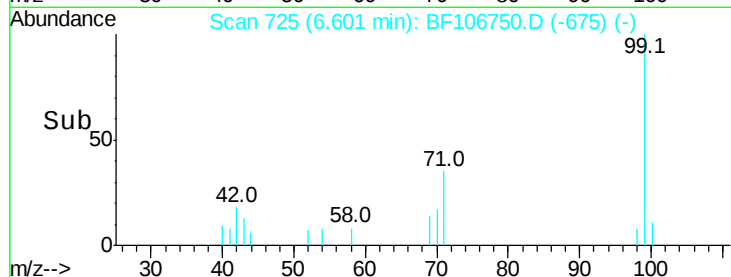
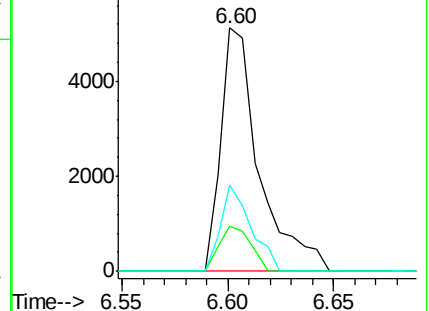
71 35.4 25.4 38.0



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: BF106750.D

Acq: 23 Jun 2018 10:24

Tgt Ion: 136 Resp: 137236

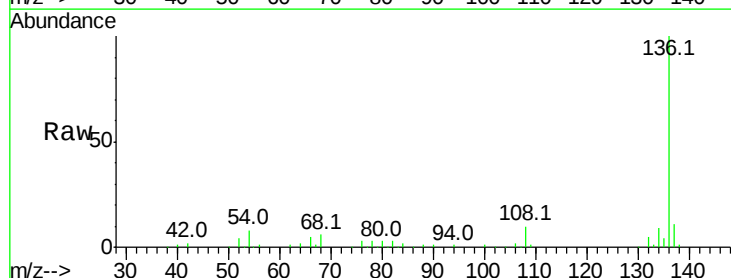
Ion Ratio Lower Upper

136 100

137 10.5 8.9 13.3

54 8.2 6.6 9.8

68 5.8 5.0 7.4

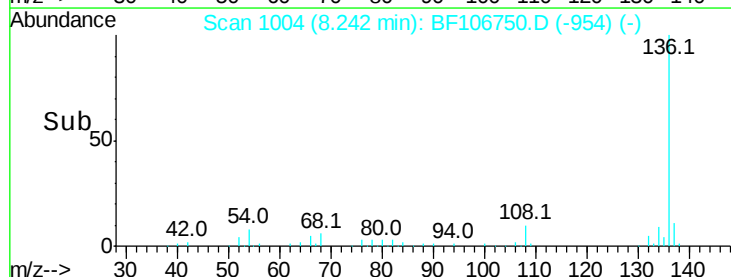
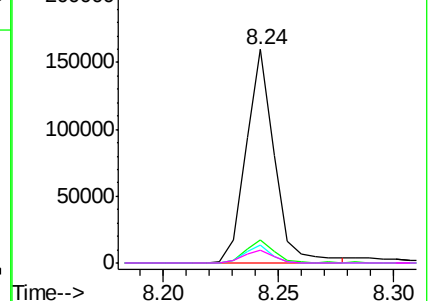


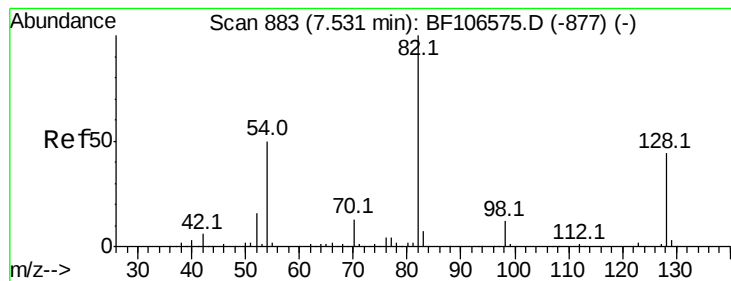
Abundance Ion 136.00 (135.70 to 136.70): E

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: 1.449 ng

RT: 7.52 min Scan# 881

Delta R.T. -0.01 min

Lab File: BF106750.D

Acq: 23 Jun 2018 10:24

Instrument :

BNA_F

ClientSampleId :

DRUM-1

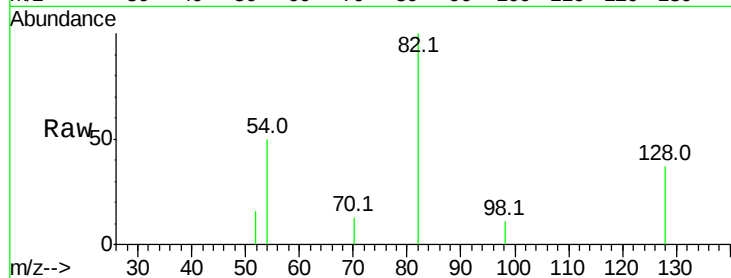
Tot Ion: 82 Resp: 3579

Ion Ratio Lower Upper

82 100

128 37.4 36.1 54.1

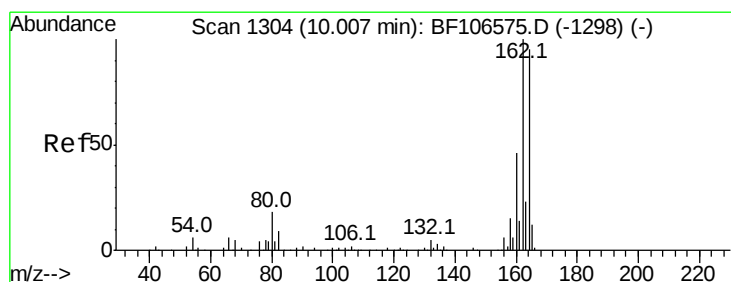
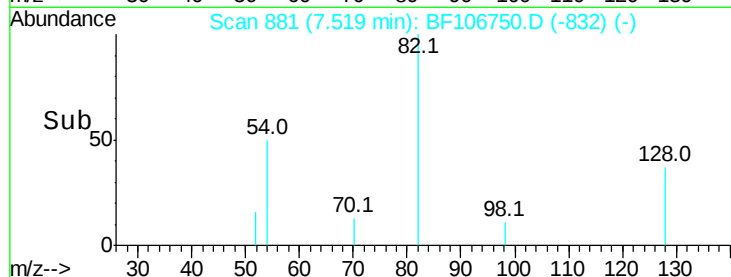
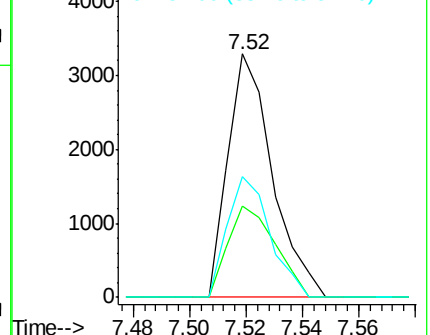
54 49.5 41.4 62.2



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: BF106750.D

Acq: 23 Jun 2018 10:24

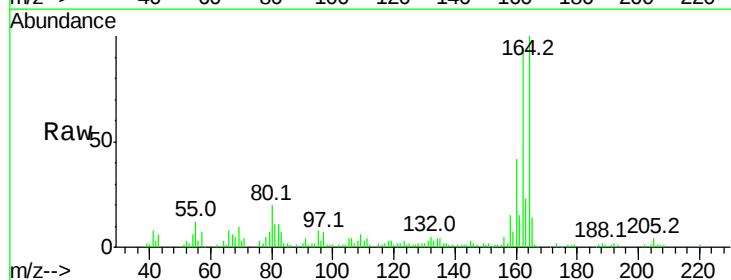
Tgt Ion:164 Resp: 59315

Ion Ratio Lower Upper

164 100

162 94.3 86.1 129.1

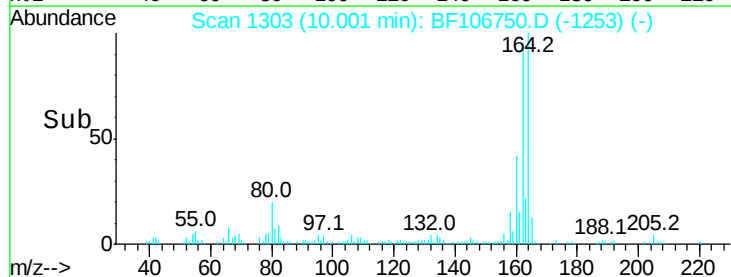
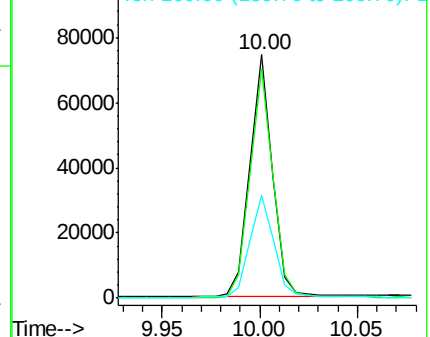
160 42.1 38.3 57.5



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

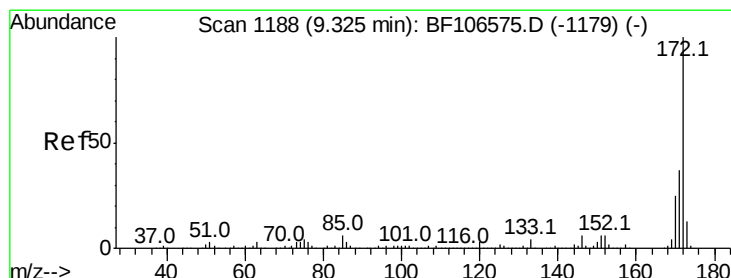
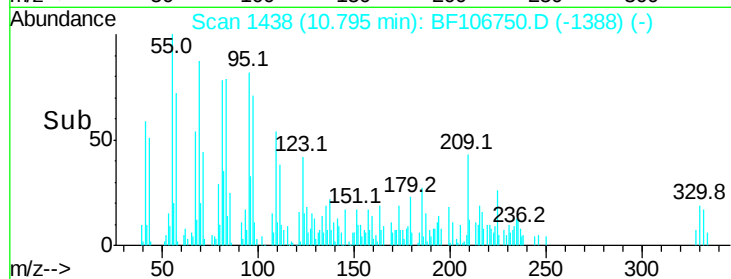
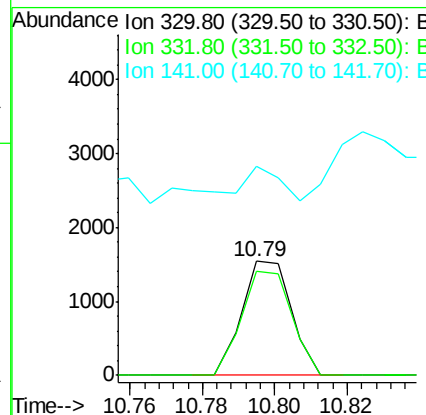
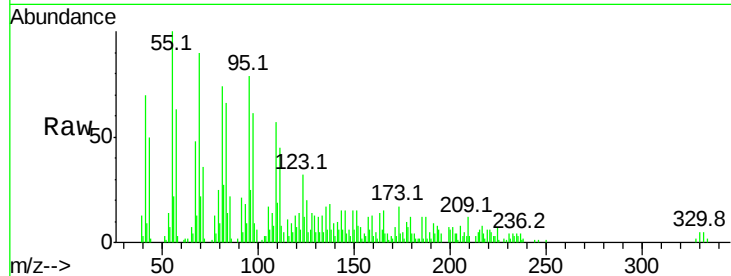




#41
 2,4,6-Tribromophenol
 Concen: 2.125 ng
 RT: 10.79 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF106750.D
 Acq: 23 Jun 2018 10:24

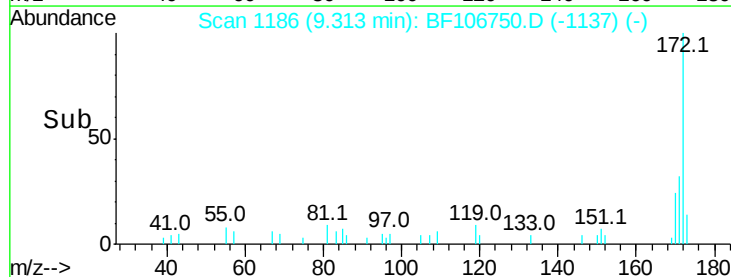
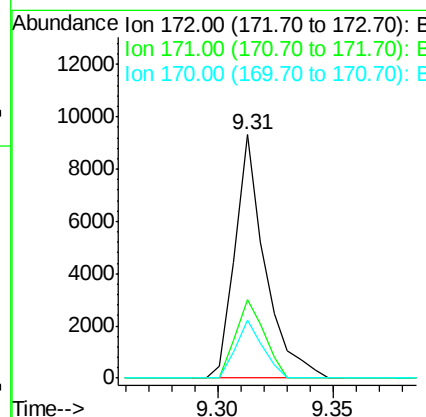
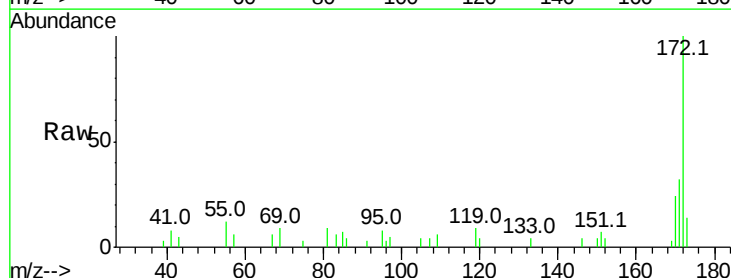
Instrument :
 BNA_F
 ClientSampled :
 DRUM-1

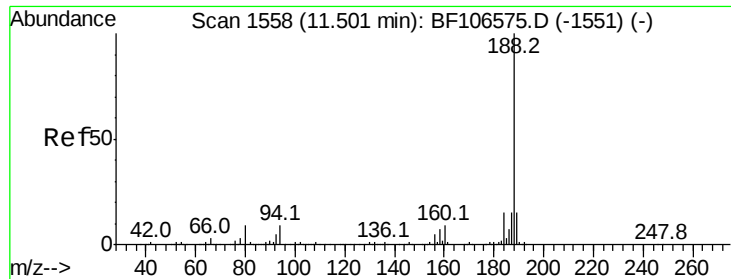
Tot Ion:330 Resp: 1461
 Ion Ratio Lower Upper
 330 100
 332 92.9 77.0 115.6
 141 0.0 29.9 44.9#



#44
 2-Fluorobiphenyl
 Concen: -14.925 ng
 RT: 9.31 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF106750.D
 Acq: 23 Jun 2018 10:24

Tgt Ion:172 Resp: 8466
 Ion Ratio Lower Upper
 172 100
 171 32.3 29.7 44.5
 170 24.0 19.6 29.4

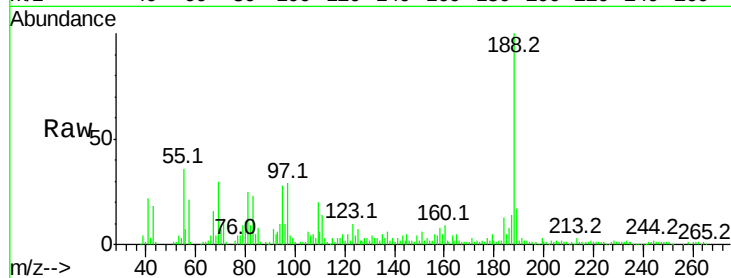




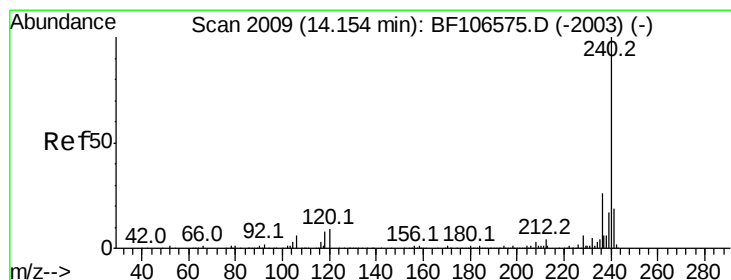
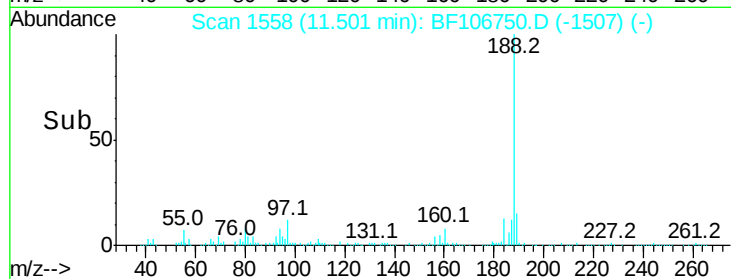
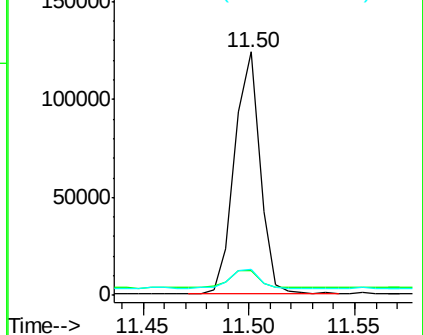
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1558
Delta R.T. -0.00 min
Lab File: BF106750.D
Acq: 23 Jun 2018 10:24

Instrument :
BNA_F
ClientSampleId :
DRUM-1

Tot Ion:188 Resp: 103179
Ion Ratio Lower Upper
188 100
94 10.4 8.5 12.7
80 10.6 9.2 13.8

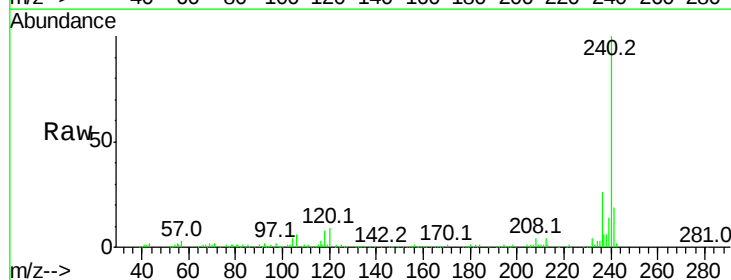


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

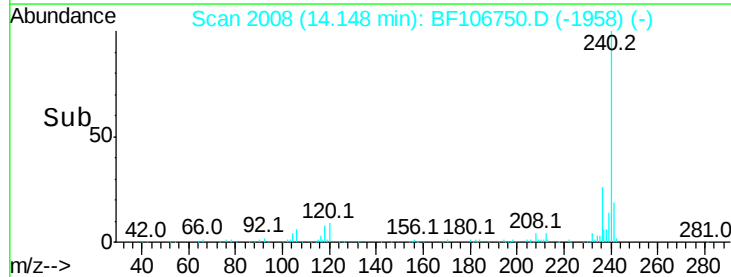
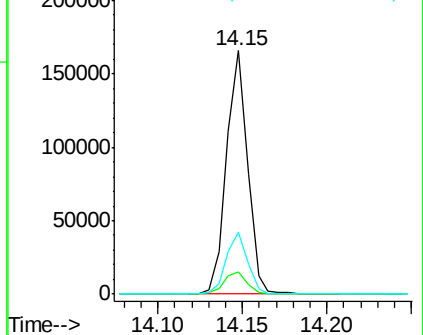


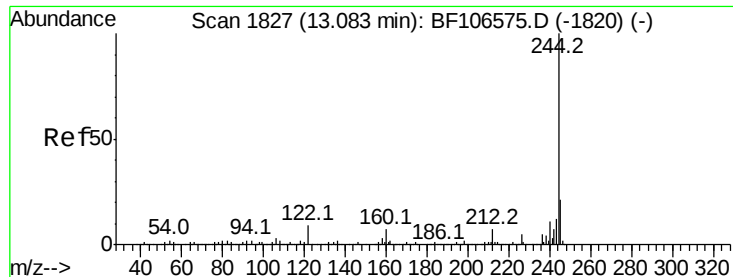
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BF106750.D
Acq: 23 Jun 2018 10:24

Tgt Ion:240 Resp: 144168
Ion Ratio Lower Upper
240 100
120 9.0 9.5 14.3#
236 25.5 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: 2.225 ng

RT: 13.08 min Scan# 1826

Delta R.T. -0.01 min

Lab File: BF106750.D

Acq: 23 Jun 2018 10:24

Instrument :

BNA_F

ClientSampleId :

DRUM-1

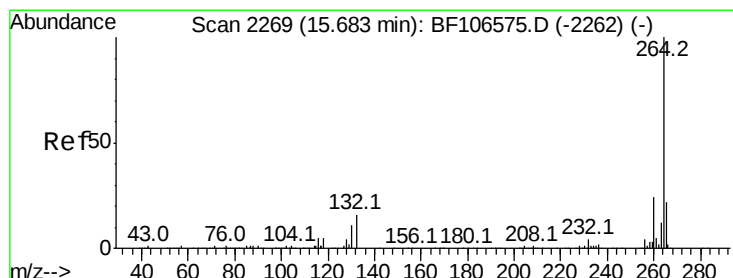
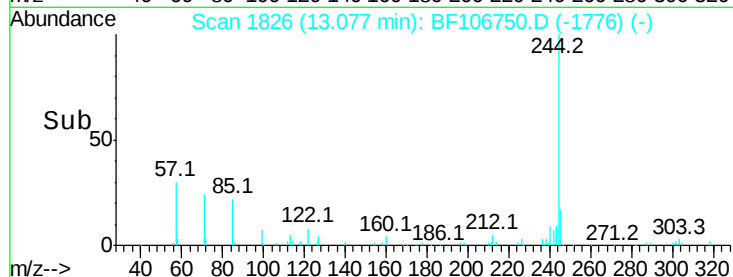
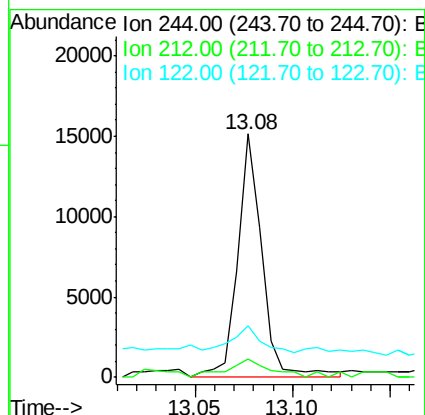
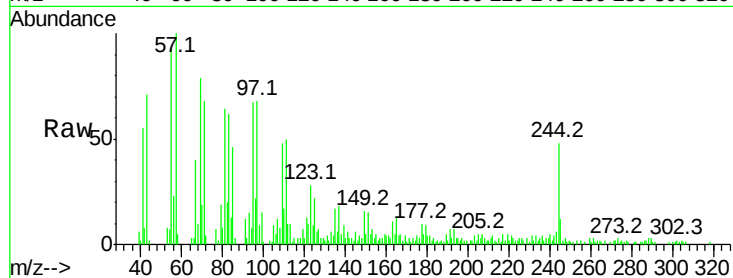
Tot Ion:244 Resp: 13242

Ion Ratio Lower Upper

244 100

212 7.7 5.4 8.0

122 21.4 11.0 16.4#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.69 min Scan# 2270

Delta R.T. -0.00 min

Lab File: BF106750.D

Acq: 23 Jun 2018 10:24

Tgt Ion:264 Resp: 108146

Ion Ratio Lower Upper

264 100

260 23.9 19.2 28.8

265 21.5 17.5 26.3

