

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062818\
 Data File : BF106956.D
 Acq On : 29 Jun 2018 7:35
 Operator : JU/SJ
 Sample : J3693-06
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-35

Quant Time: Jun 29 08:38:35 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

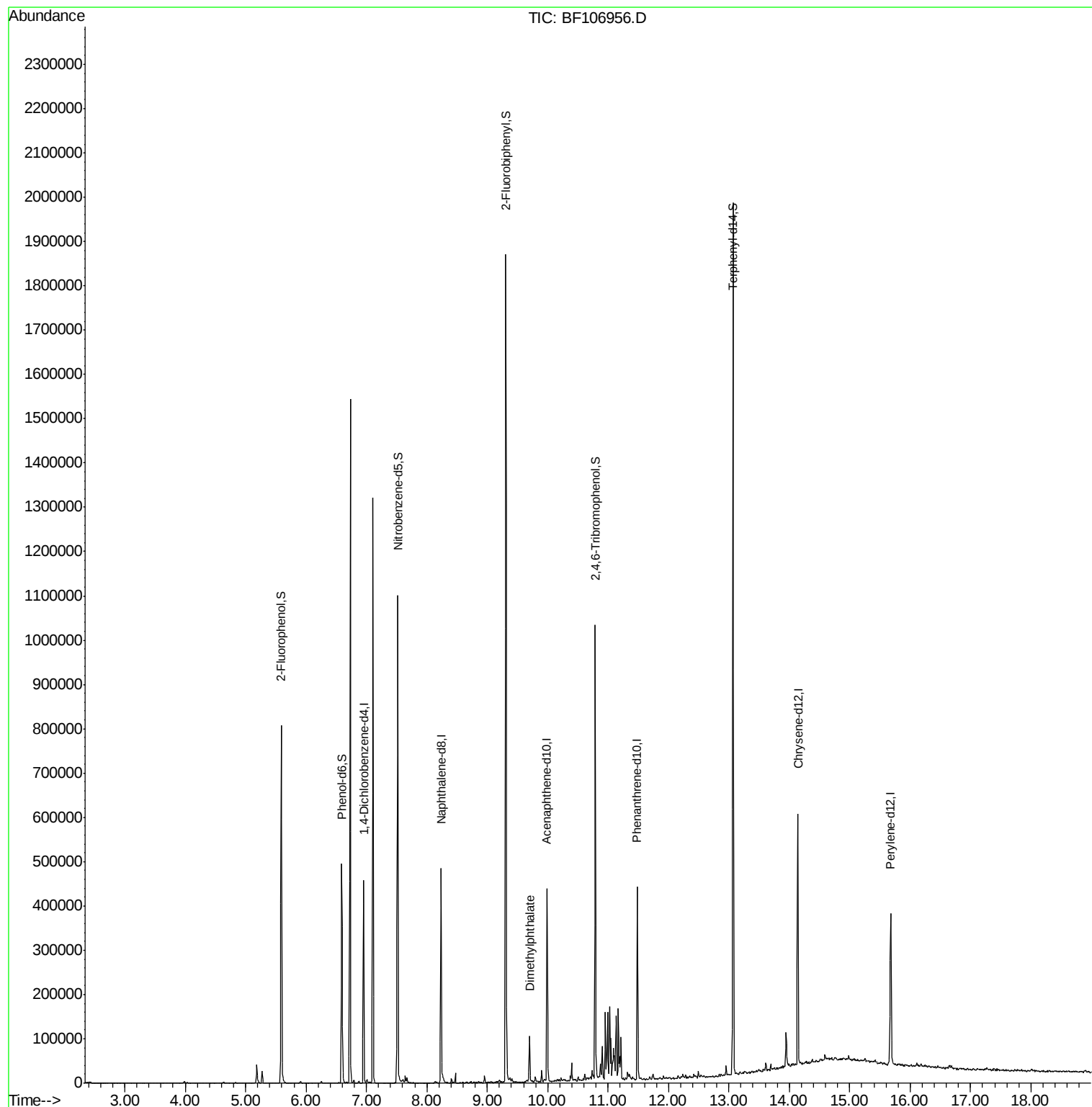
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	68789	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	236212	20.00	ng	-0.01
38) Acenaphthene-d10	9.99	164	96355	20.00	ng	-0.02
63) Phenanthrene-d10	11.48	188	171114	20.00	ng	-0.02
75) Chrysene-d12	14.14	240	221605	20.00	ng	-0.02
86) Perylene-d12	15.68	264	179082	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	229383	56.47	ng	-0.01
7) Phenol-d6	6.59	99	165243	32.57	ng	-0.02
23) Nitrobenzene-d5	7.52	82	377228	88.75	ng	-0.02
41) 2,4,6-Tribromophenol	10.79	330	153455	137.41	ng	-0.01
44) 2-Fluorobiphenyl	9.31	172	600982	109.89	ng	-0.02
78) Terphenyl-d14	13.07	244	725536	79.31	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	9.70	163	44768	6.195	ng	99

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

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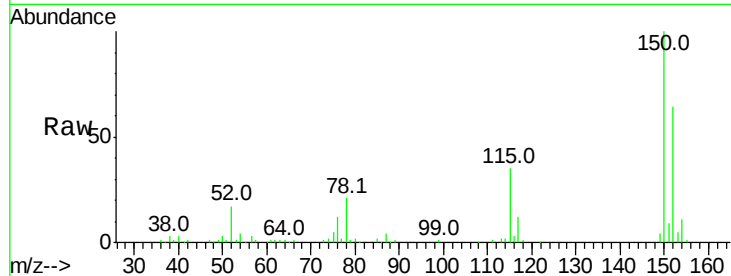


#1

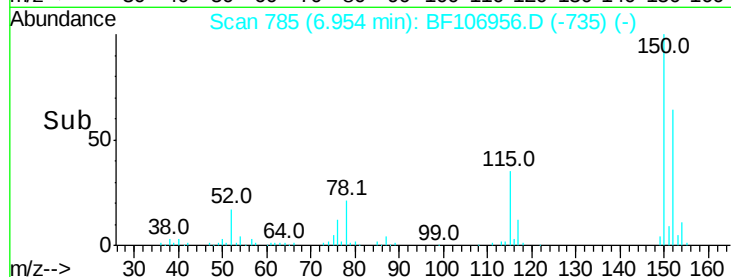
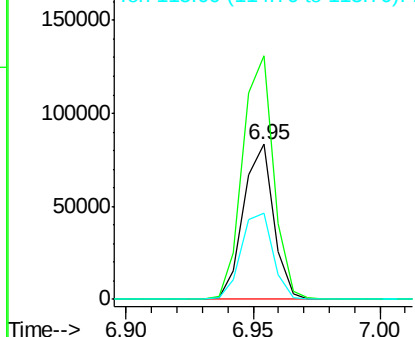
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF106956.D
Acq: 29 Jun 2018 7:35

Instrument :
BNA_F
ClientSampleId :
W-35

Tot Ion:152 Resp: 68789
Ion Ratio Lower Upper
152 100
150 157.3 124.6 186.8
115 55.6 50.1 75.1



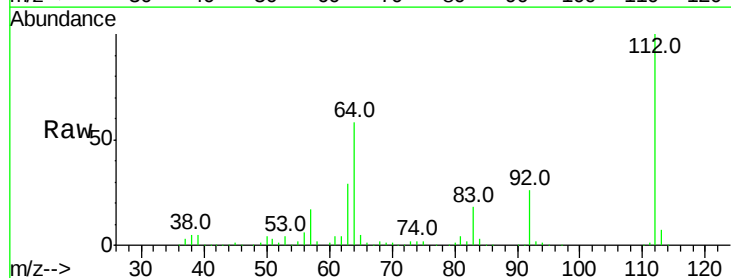
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



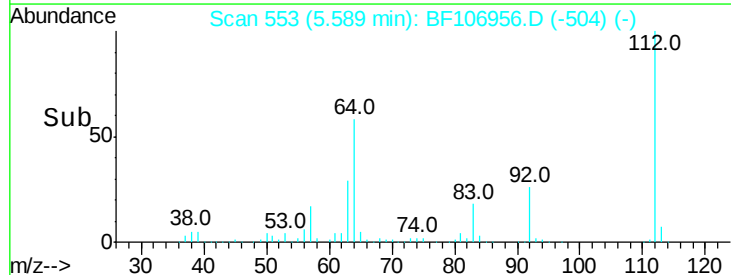
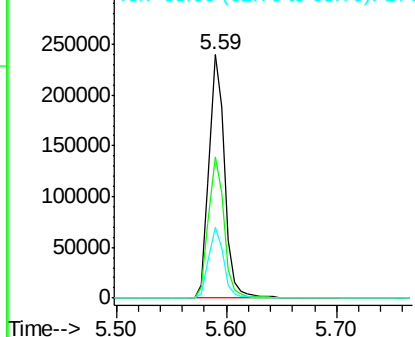
#5

2-Fluorophenol
Concen: 56.465 ng
RT: 5.59 min Scan# 553
Delta R.T. -0.01 min
Lab File: BF106956.D
Acq: 29 Jun 2018 7:35

Tgt Ion:112 Resp: 229383
Ion Ratio Lower Upper
112 100
64 58.1 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: 32.572 ng

RT: 6.59 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF106956.D

Acq: 29 Jun 2018 7:35

Instrument :

BNA_F

ClientSampleId :

W-35

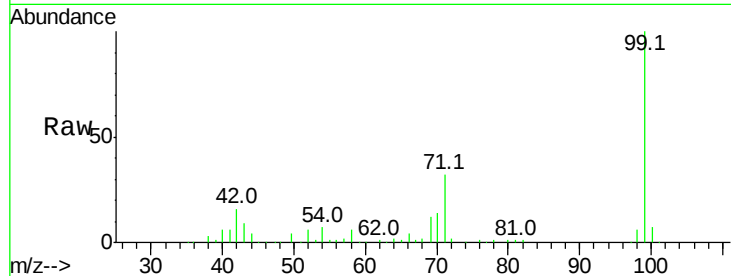
Tot Ion: 99 Resp: 165243

Ion Ratio Lower Upper

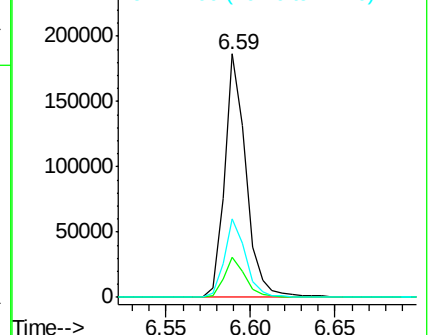
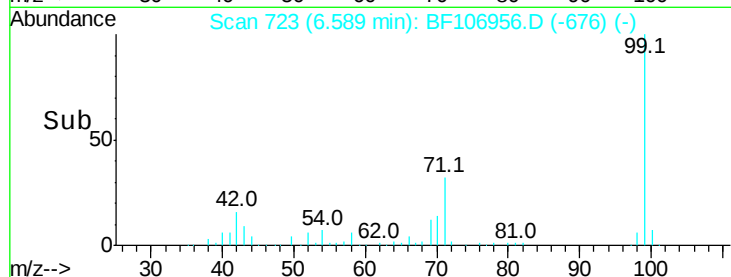
99 100

42 16.4 14.5 21.7

71 32.3 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: BF106956.D

Acq: 29 Jun 2018 7:35

Tgt Ion: 136 Resp: 236212

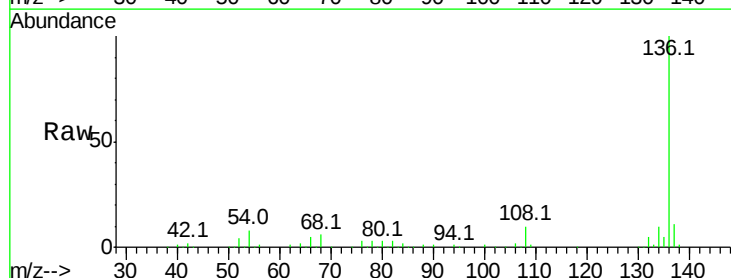
Ion Ratio Lower Upper

136 100

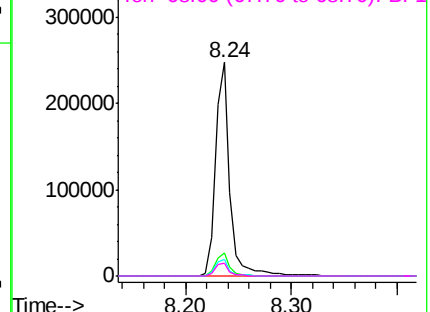
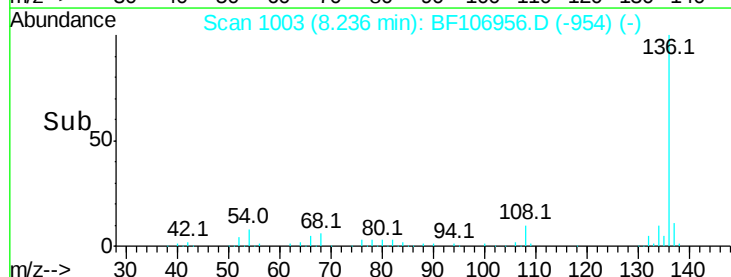
137 10.7 8.9 13.3

54 7.6 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

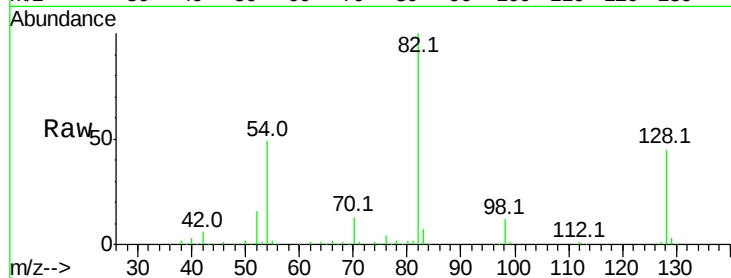




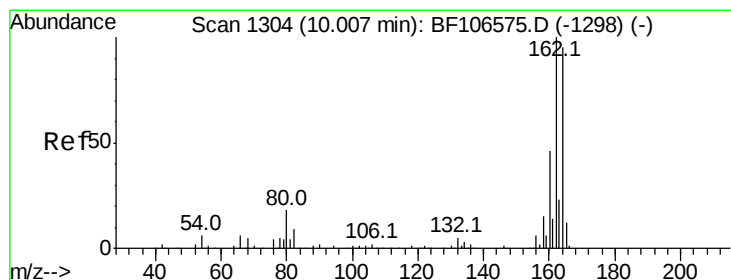
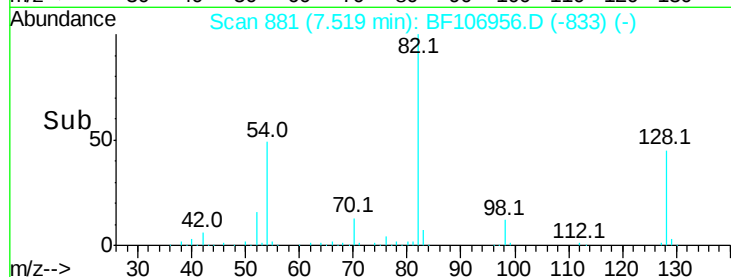
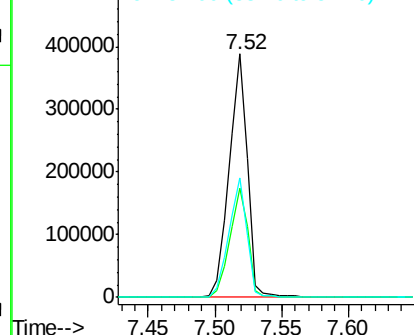
#23
 Nitrobenzene-d5
 Concen: 88.750 ng
 RT: 7.52 min Scan# 881
 Delta R.T. -0.02 min
 Lab File: BF106956.D
 Acq: 29 Jun 2018 7:35

Instrument :
 BNA_F
 ClientSampleId :
 W-35

Tot Ion: 82 Resp: 377228
 Ion Ratio Lower Upper
 82 100
 128 44.8 36.1 54.1
 54 48.9 41.4 62.2

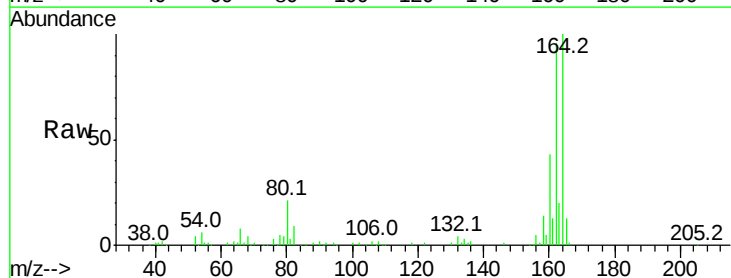


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

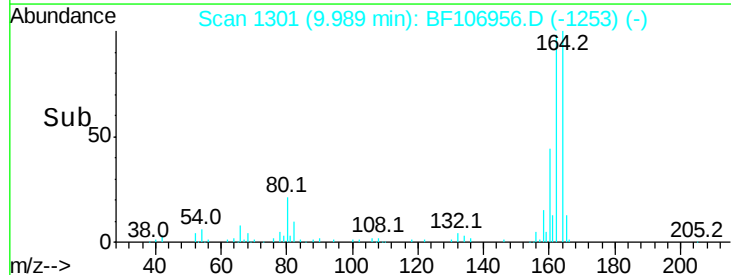
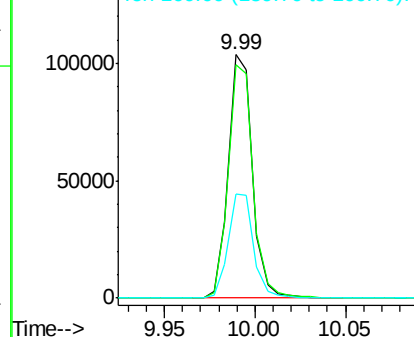


#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.99 min Scan# 1301
 Delta R.T. -0.02 min
 Lab File: BF106956.D
 Acq: 29 Jun 2018 7:35

Tgt Ion:164 Resp: 96355
 Ion Ratio Lower Upper
 164 100
 162 96.0 86.1 129.1
 160 42.7 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: 137.408 ng

RT: 10.79 min Scan# 1437

Delta R.T. -0.01 min

Lab File: BF106956.D

Acq: 29 Jun 2018 7:35

Instrument :

BNA_F

ClientSampleId :

W-35

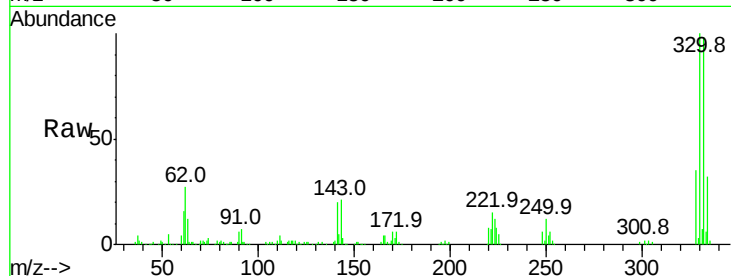
Tot Ion:330 Resp: 153455

Ion Ratio Lower Upper

330 100

332 97.6 77.0 115.6

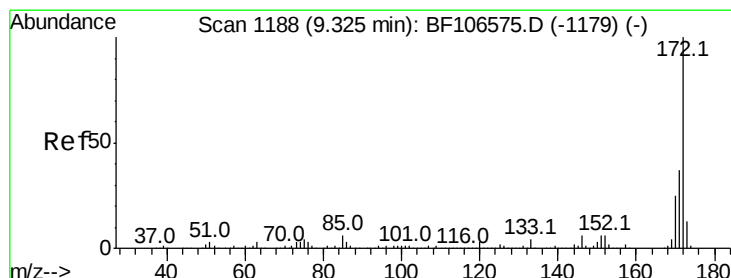
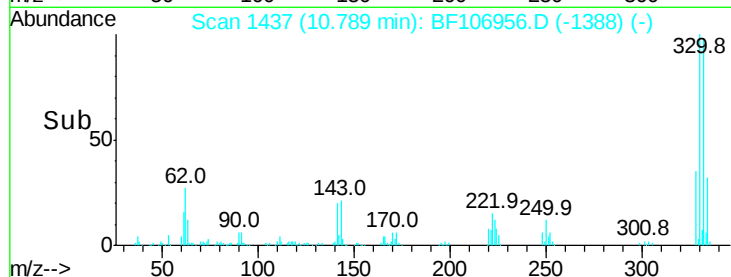
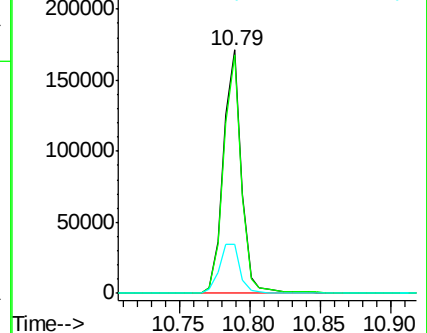
141 23.2 29.9 44.9#



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: 109.892 ng

RT: 9.31 min Scan# 1185

Delta R.T. -0.02 min

Lab File: BF106956.D

Acq: 29 Jun 2018 7:35

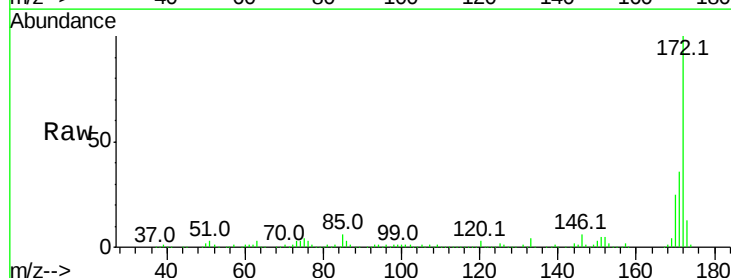
Tgt Ion:172 Resp: 600982

Ion Ratio Lower Upper

172 100

171 36.5 29.7 44.5

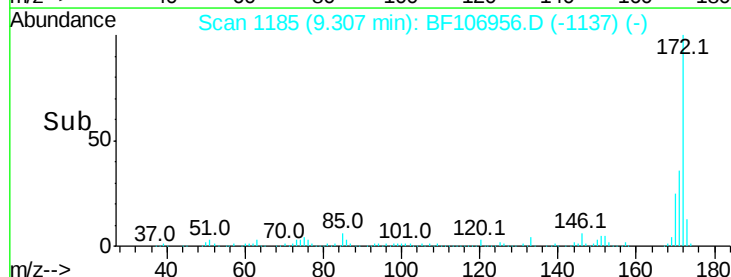
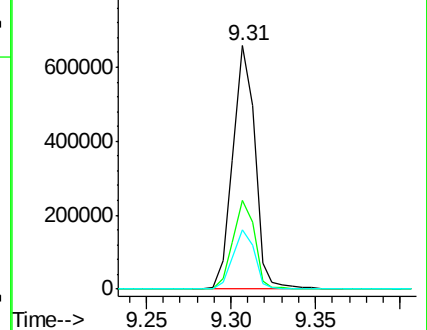
170 24.5 19.6 29.4



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

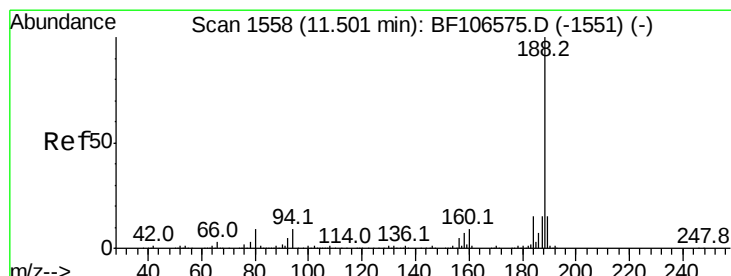
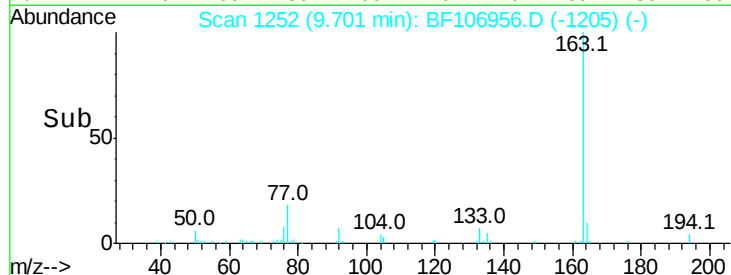
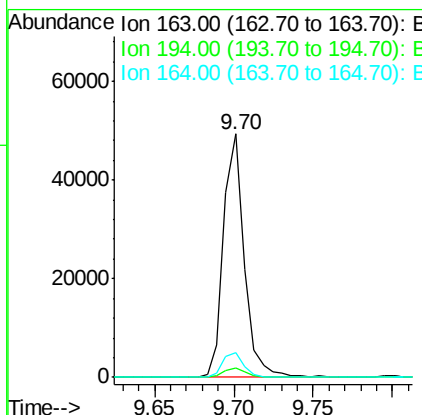
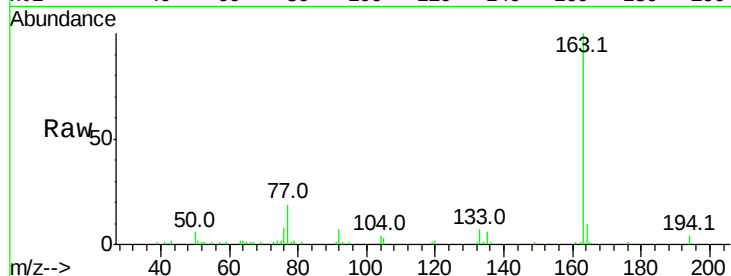




#49
Dimethylphthalate
Concen: 6.195 ng
RT: 9.70 min Scan# 1252
Delta R.T. -0.02 min
Lab File: BF106956.D
Acq: 29 Jun 2018 7:35

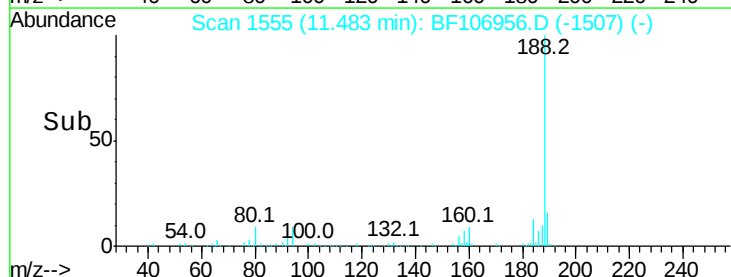
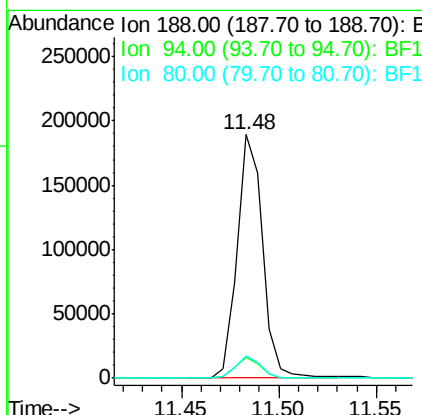
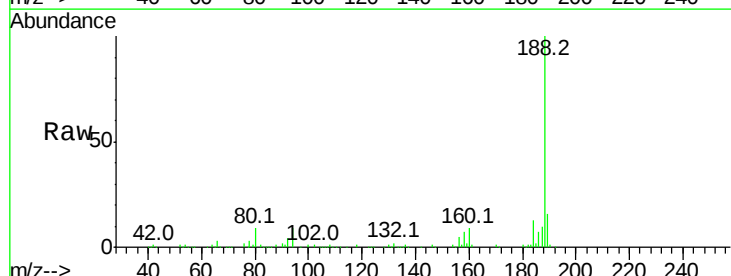
Instrument :
BNA_F
ClientSampleId :
W-35

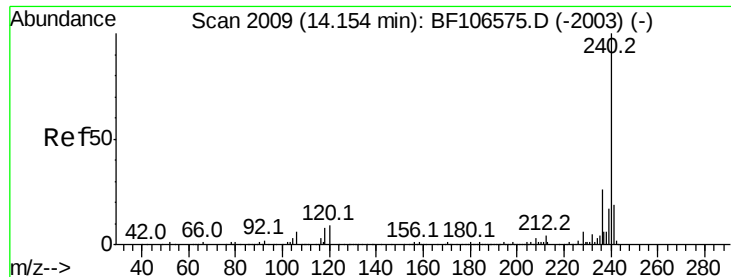
Tot Ion:163 Resp: 44768
Ion Ratio Lower Upper
163 100
194 4.0 2.7 4.1
164 10.0 8.2 12.2



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1555
Delta R.T. -0.02 min
Lab File: BF106956.D
Acq: 29 Jun 2018 7:35

Tgt Ion:188 Resp: 171114
Ion Ratio Lower Upper
188 100
94 8.6 8.5 12.7
80 9.4 9.2 13.8





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.14 min Scan# 2007

Delta R.T. -0.02 min

Lab File: BF106956.D

Acq: 29 Jun 2018 7:35

Instrument :

BNA_F

ClientSampled :

W-35

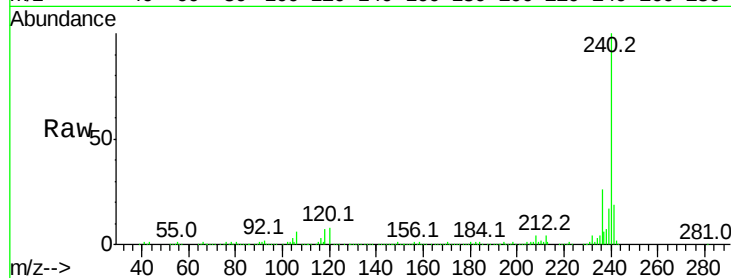
Tot Ion:240 Resp: 221605

Ion Ratio Lower Upper

240 100

120 8.4 9.5 14.3#

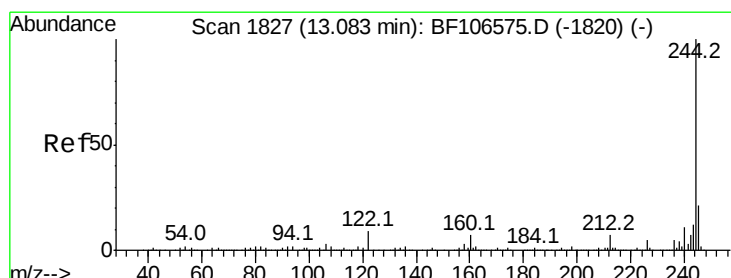
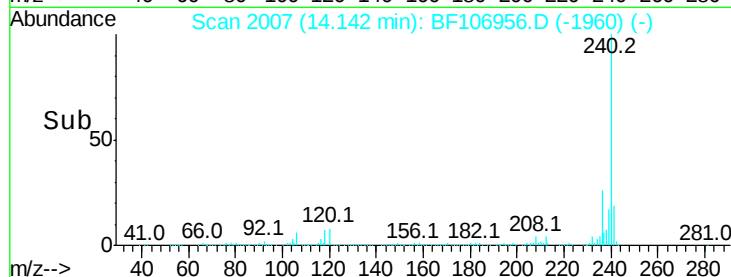
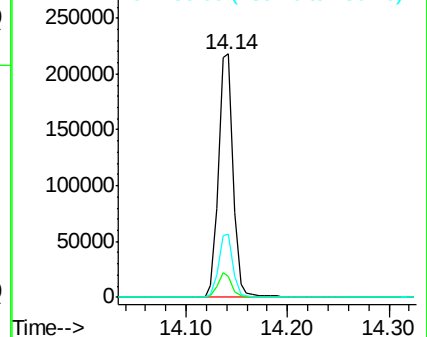
236 25.8 20.7 31.1



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: 79.306 ng

RT: 13.07 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF106956.D

Acq: 29 Jun 2018 7:35

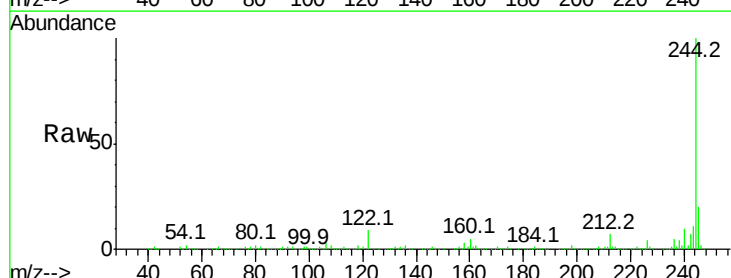
Tgt Ion:244 Resp: 725536

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

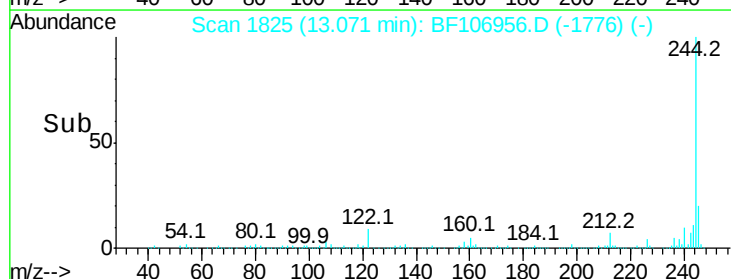
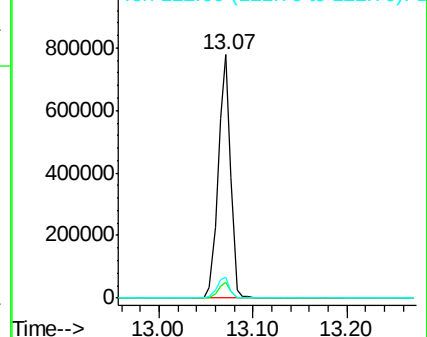
122 8.6 11.0 16.4#

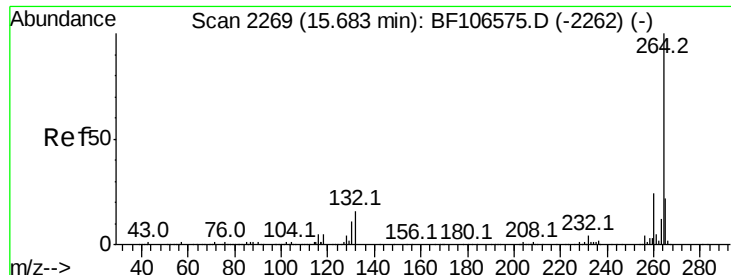


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.68 min Scan# 2268
 Delta R.T. -0.04 min
 Lab File: BF106956.D
 Acq: 29 Jun 2018 7:35

Instrument :
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 W-35

Tot Ion:	264	Resp:	179082
Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	22.6	17.5	26.3

