

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062718\
 Data File : BF106893.D
 Acq On : 28 Jun 2018 1:36
 Operator : JU/SJ
 Sample : J3693-04
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-12

Quant Time: Jun 28 06:58:47 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

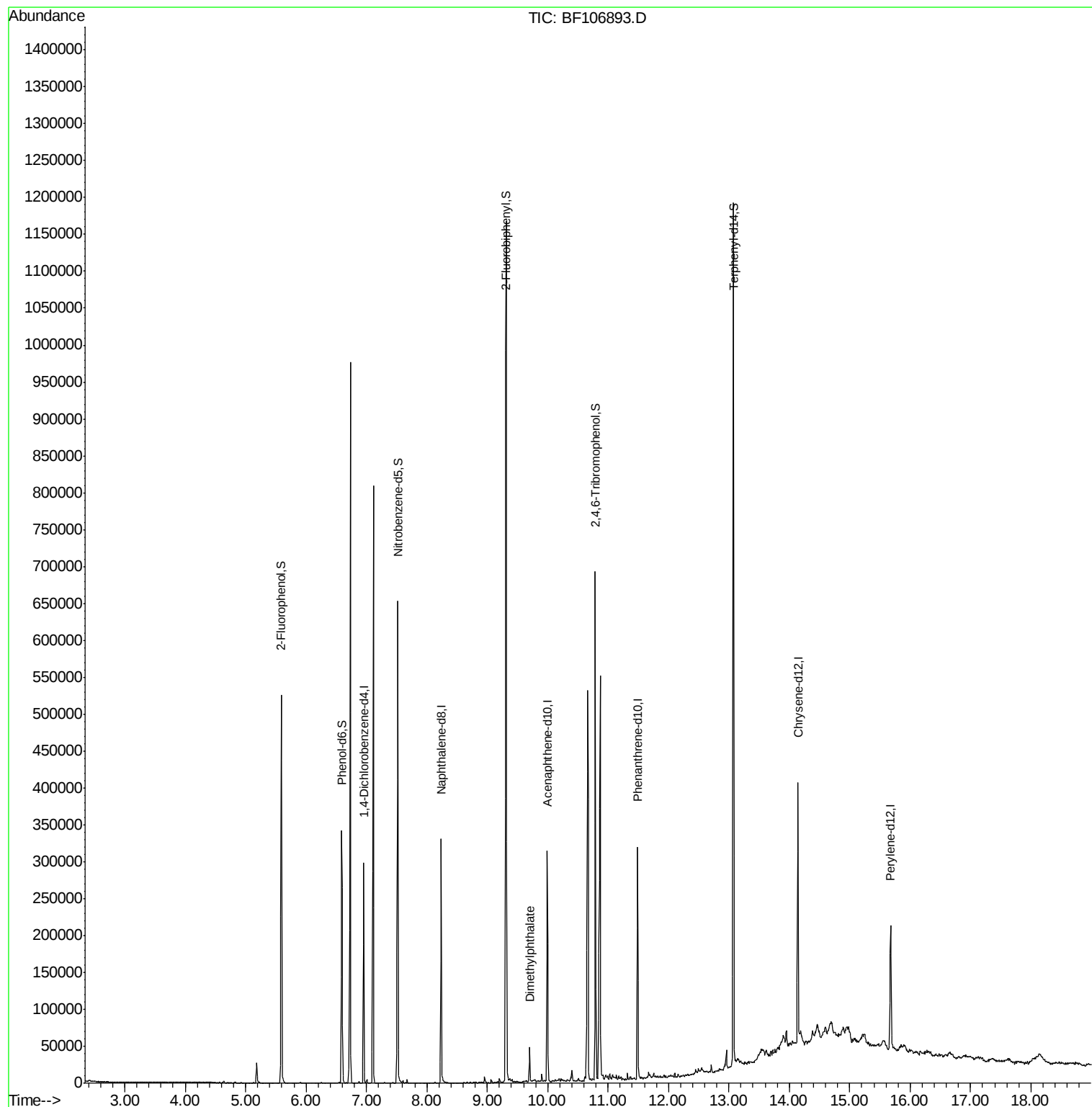
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	40745	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	145354	20.00	ng	-0.01
38) Acenaphthene-d10	10.00	164	59405	20.00	ng	-0.01
63) Phenanthrene-d10	11.49	188	106679	20.00	ng	-0.01
75) Chrysene-d12	14.14	240	119126	20.00	ng	-0.02
86) Perylene-d12	15.68	264	82943	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	148846	61.86	ng	-0.01
7) Phenol-d6	6.59	99	115282	38.36	ng	-0.02
23) Nitrobenzene-d5	7.52	82	232164	88.76	ng	-0.02
41) 2,4,6-Tribromophenol	10.80	330	98237	142.68	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	383669	114.43	ng	-0.01
78) Terphenyl-d14	13.08	244	447145	90.92	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.70	163	17638	3.959	ng	97

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

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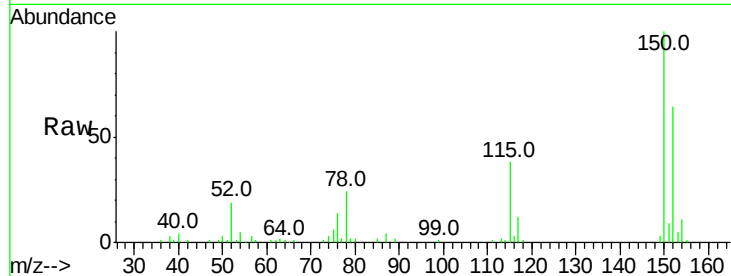


#1

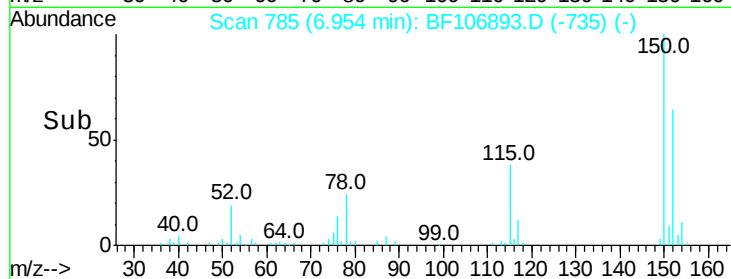
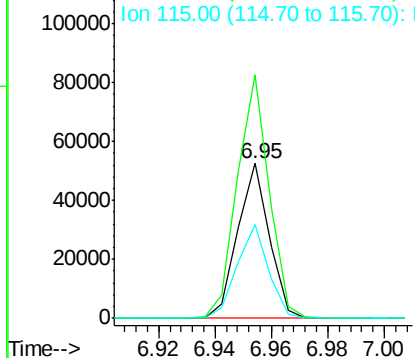
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF106893.D
Acq: 28 Jun 2018 1:36

Instrument :
BNA_F
ClientSampleId :
W-12

Tot Ion:152 Resp: 40745
Ion Ratio Lower Upper
152 100
150 157.0 124.6 186.8
115 60.2 50.1 75.1



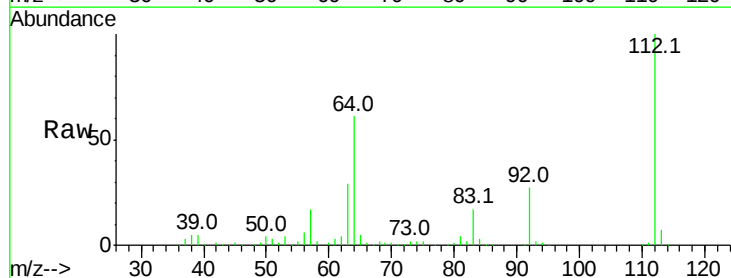
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



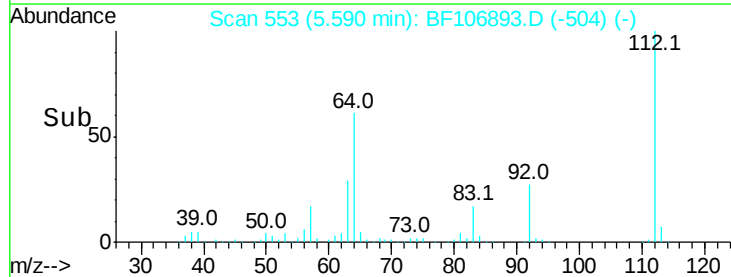
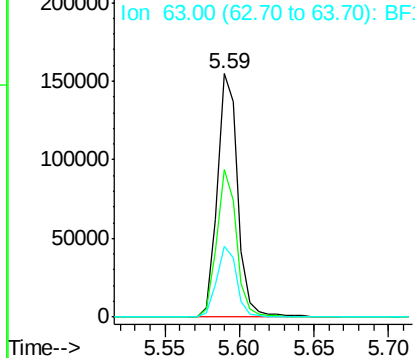
#5

2-Fluorophenol
Concen: 61.859 ng
RT: 5.59 min Scan# 553
Delta R.T. -0.01 min
Lab File: BF106893.D
Acq: 28 Jun 2018 1:36

Tgt Ion:112 Resp: 148846
Ion Ratio Lower Upper
112 100
64 60.8 47.9 71.9
63 29.2 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: 38.365 ng

RT: 6.59 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF106893.D

Acq: 28 Jun 2018 1:36

Instrument :

BNA_F

ClientSampleId :

W-12

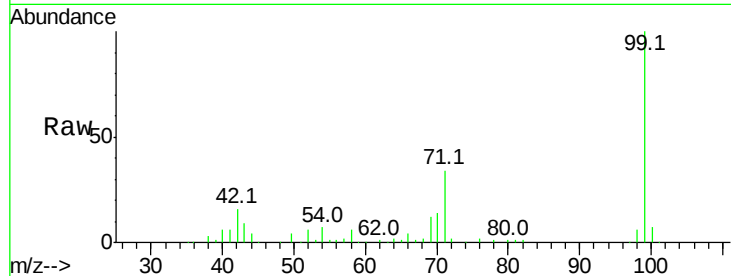
Tot Ion: 99 Resp: 115282

Ion Ratio Lower Upper

99 100

42 16.4 14.5 21.7

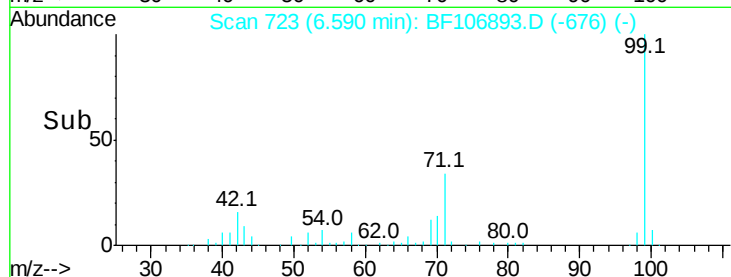
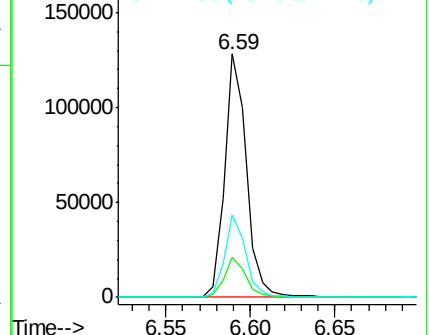
71 33.6 25.4 38.0



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: BF106893.D

Acq: 28 Jun 2018 1:36

Tgt Ion: 136 Resp: 145354

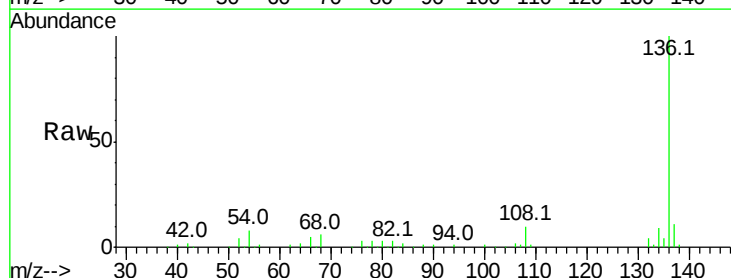
Ion Ratio Lower Upper

136 100

137 10.5 8.9 13.3

54 7.7 6.6 9.8

68 6.2 5.0 7.4

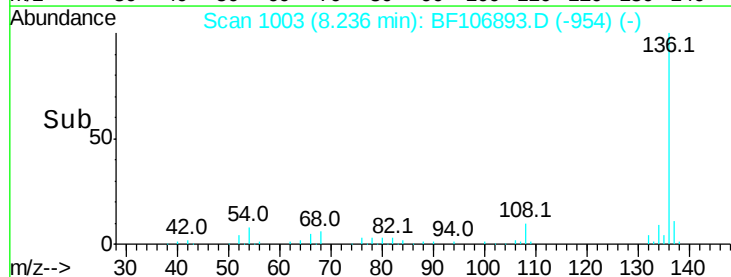
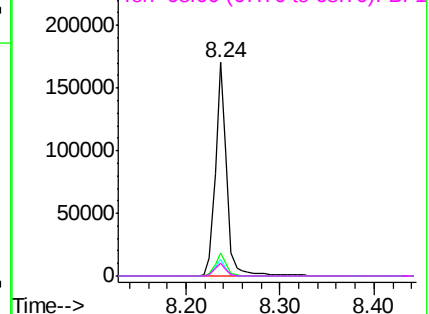


Abundance Ion 136.00 (135.70 to 136.70): E

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

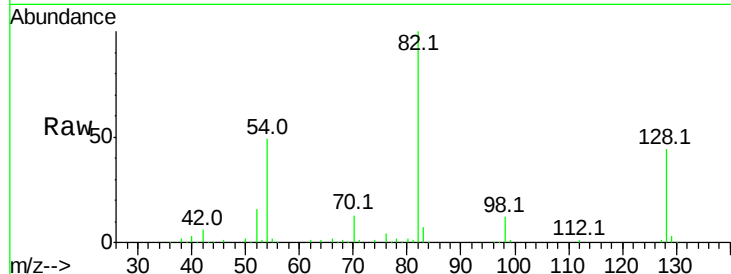




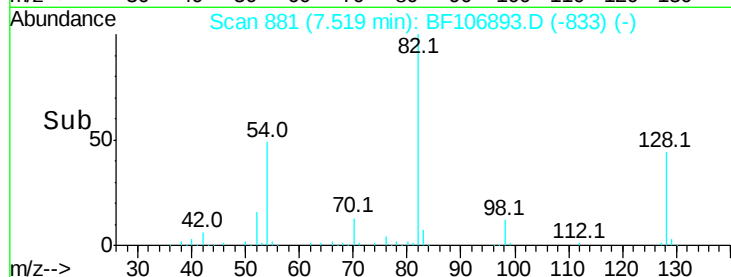
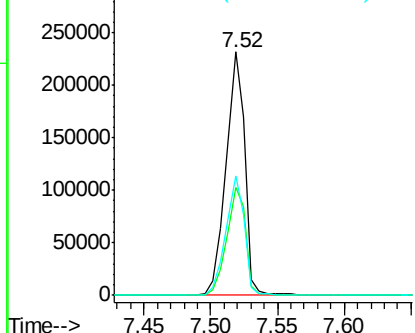
#23
Nitrobenzene-d5
Concen: 88.764 ng
RT: 7.52 min Scan# 881
Delta R.T. -0.02 min
Lab File: BF106893.D
Acq: 28 Jun 2018 1:36

Instrument :
BNA_F
ClientSampled :
W-12

Tot Ion: 82 Resp: 232164
Ion Ratio Lower Upper
82 100
128 44.4 36.1 54.1
54 48.9 41.4 62.2

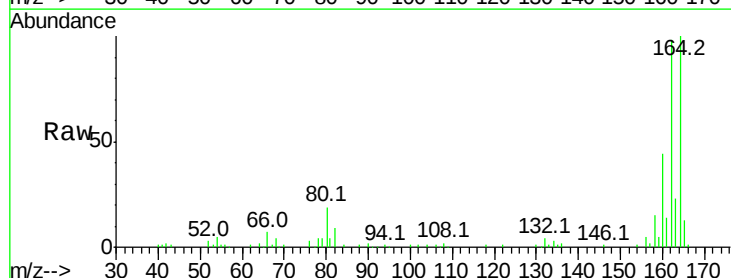


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

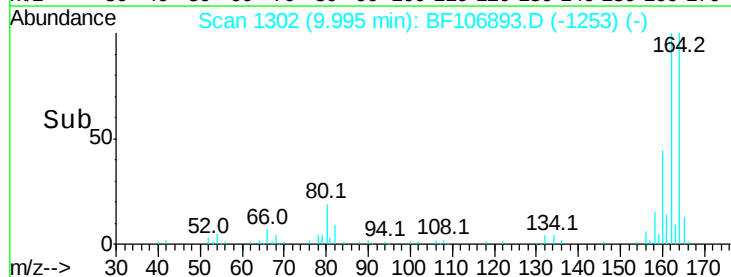
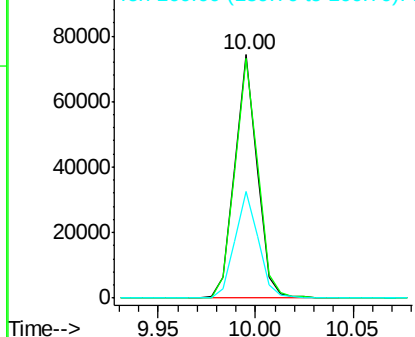


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BF106893.D
Acq: 28 Jun 2018 1:36

Tgt Ion:164 Resp: 59405
Ion Ratio Lower Upper
164 100
162 98.2 86.1 129.1
160 43.7 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

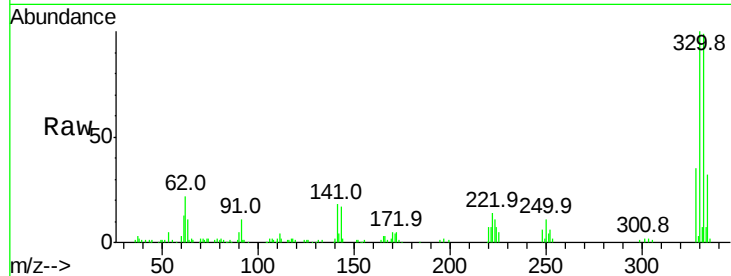




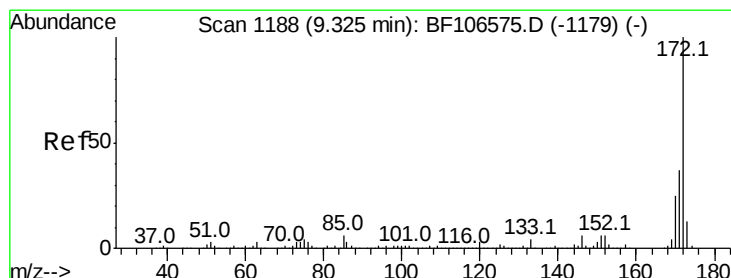
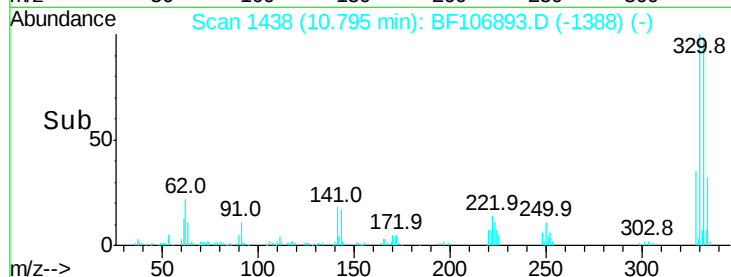
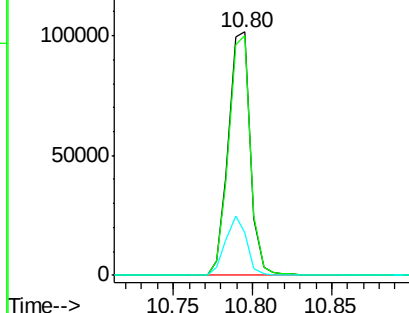
#41
 2,4,6-Tribromophenol
 Concen: 142.679 ng
 RT: 10.80 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF106893.D
 Acq: 28 Jun 2018 1:36

Instrument :
 BNA_F
 ClientSampleId :
 W-12

Tot Ion:330 Resp: 98237
 Ion Ratio Lower Upper
 330 100
 332 97.6 77.0 115.6
 141 23.3 29.9 44.9#

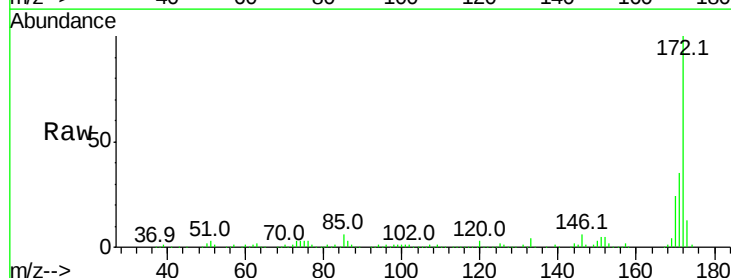


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

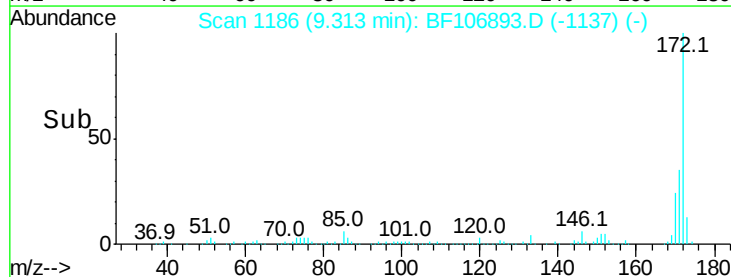
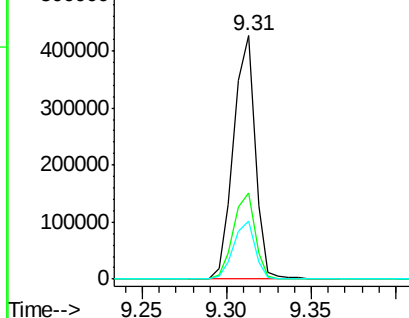


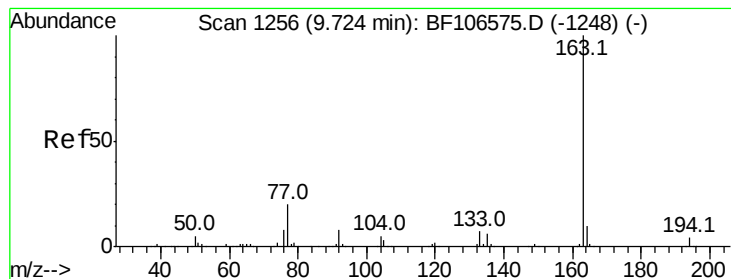
#44
 2-Fluorobiphenyl
 Concen: 114.425 ng
 RT: 9.31 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF106893.D
 Acq: 28 Jun 2018 1:36

Tgt Ion:172 Resp: 383669
 Ion Ratio Lower Upper
 172 100
 171 35.4 29.7 44.5
 170 23.8 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: 3.959 ng

RT: 9.70 min Scan# 1252

Delta R.T. -0.02 min

Lab File: BF106893.D

Acq: 28 Jun 2018 1:36

Instrument :

BNA_F

ClientSampleId :

W-12

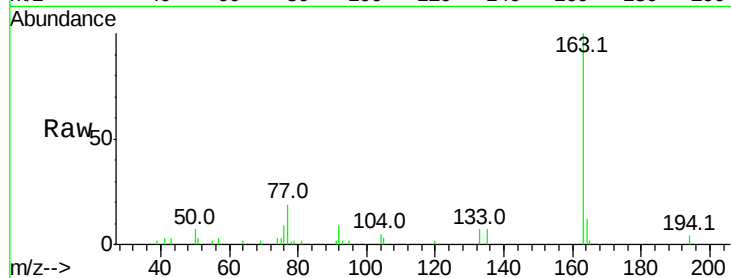
Tot Ion:163 Resp: 17638

Ion Ratio Lower Upper

163 100

194 3.8 2.7 4.1

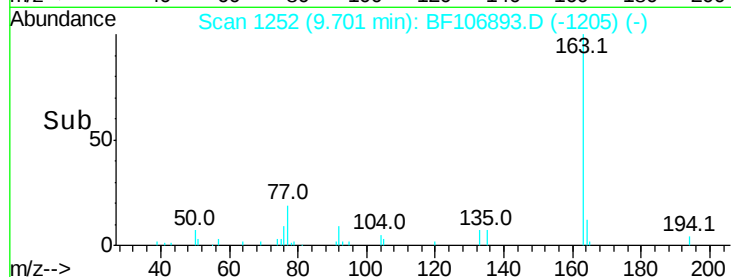
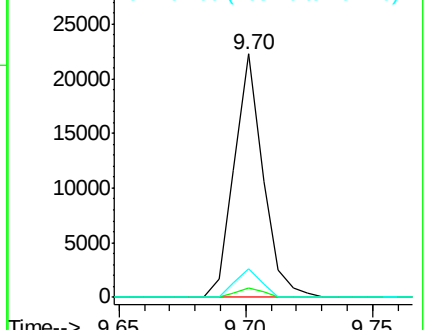
164 11.6 8.2 12.2



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: 11.49 min Scan# 1556

Delta R.T. -0.01 min

Lab File: BF106893.D

Acq: 28 Jun 2018 1:36

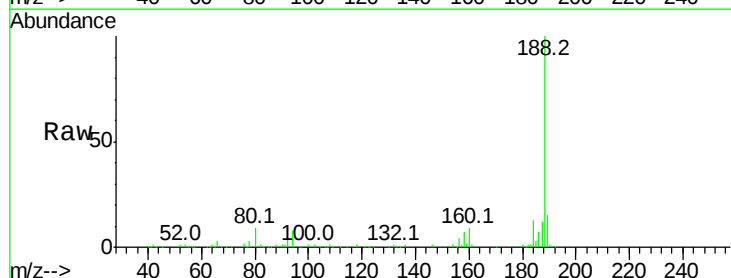
Tgt Ion:188 Resp: 106679

Ion Ratio Lower Upper

188 100

94 8.2 8.5 12.7#

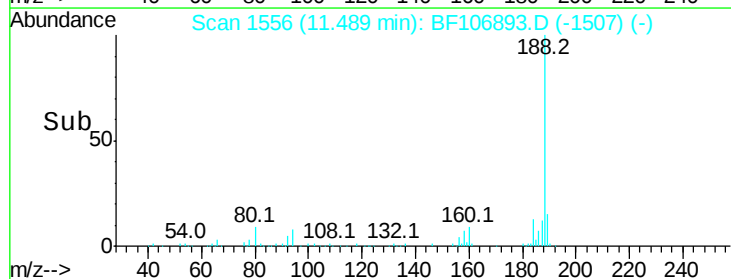
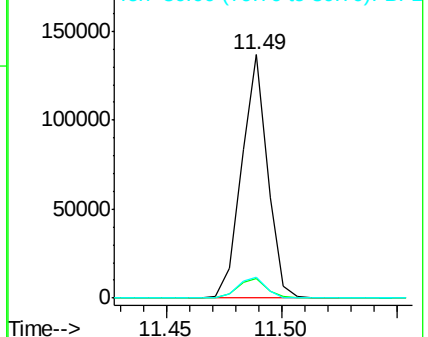
80 8.7 9.2 13.8#

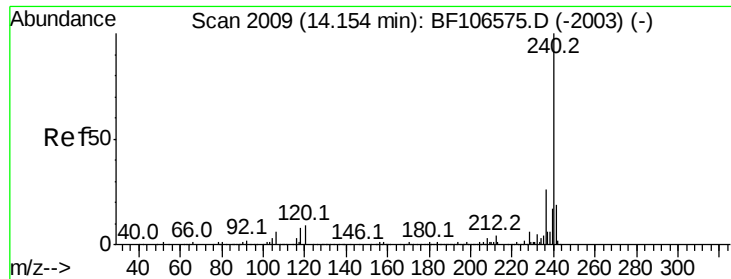


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

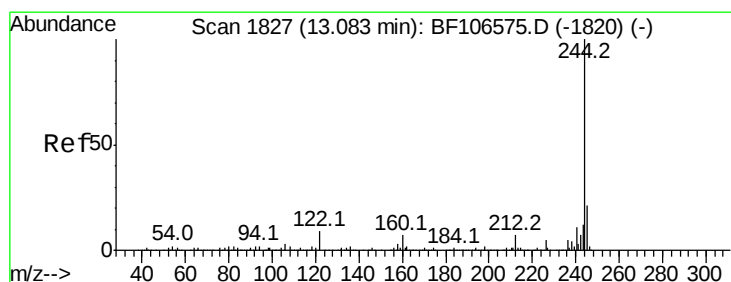
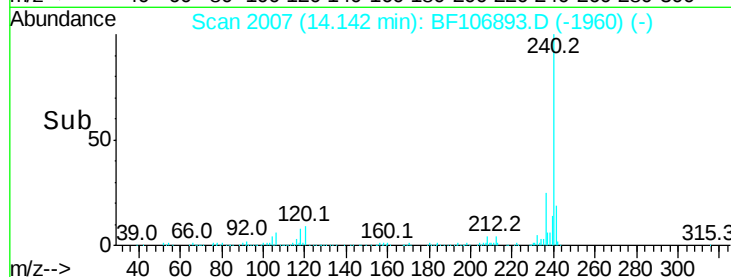
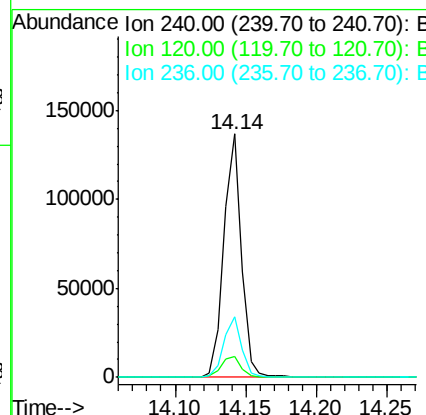
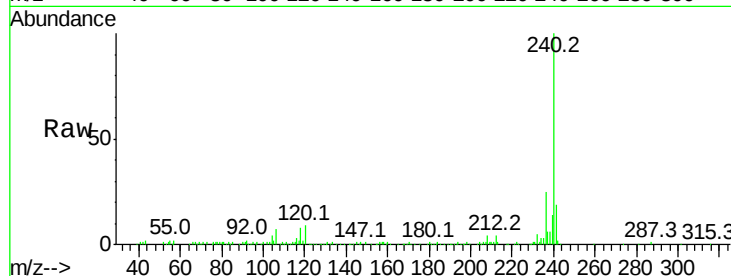




#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.14 min Scan# 2007
 Delta R.T. -0.02 min
 Lab File: BF106893.D
 Acq: 28 Jun 2018 1:36

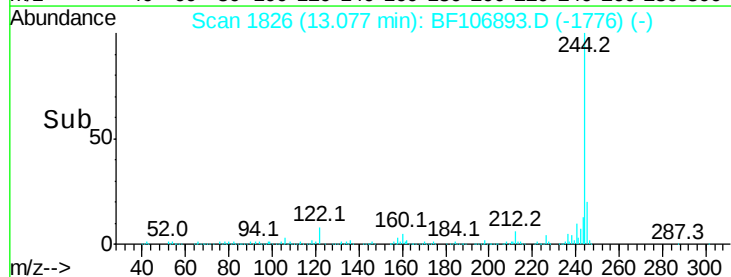
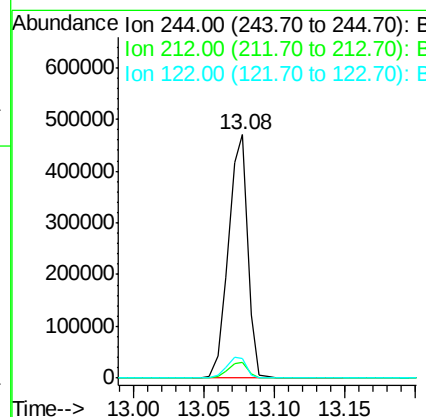
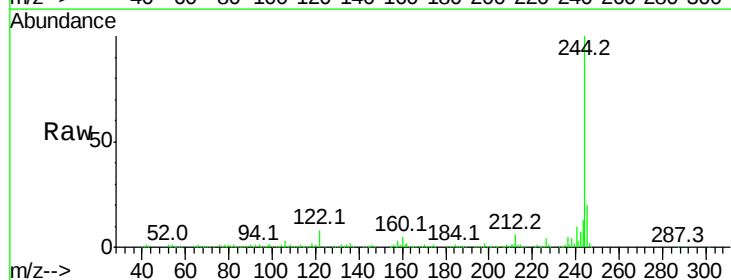
Instrument :
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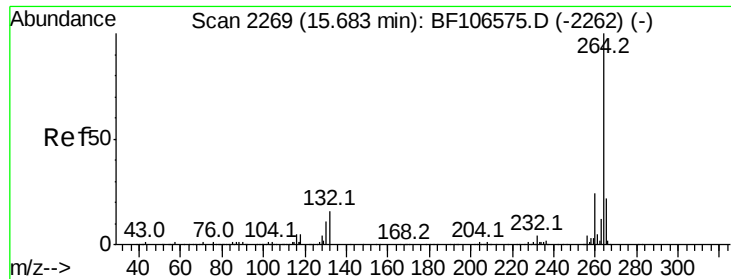
Tot Ion:240 Resp: 119126
 Ion Ratio Lower Upper
 240 100
 120 8.8 9.5 14.3#
 236 24.7 20.7 31.1



#78
 Terphenyl-d14
 Concen: 90.922 ng
 RT: 13.08 min Scan# 1826
 Delta R.T. -0.01 min
 Lab File: BF106893.D
 Acq: 28 Jun 2018 1:36

Tgt Ion:244 Resp: 447145
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.4 8.0
 122 7.9 11.0 16.4#





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.68 min Scan# 2268
 Delta R.T. -0.04 min
 Lab File: BF106893.D
 Acq: 28 Jun 2018 1:36

Instrument :
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 ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	21.1	17.5	26.3

