

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032718\
 Data File : BF103993.D
 Acq On : 28 Mar 2018 1:36
 Operator : JU/SJ
 Sample : J2048-04
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-106(20-21)

Quant Time: Mar 28 07:08:16 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 23 13:26:17 2018
 Response via : Initial Calibration

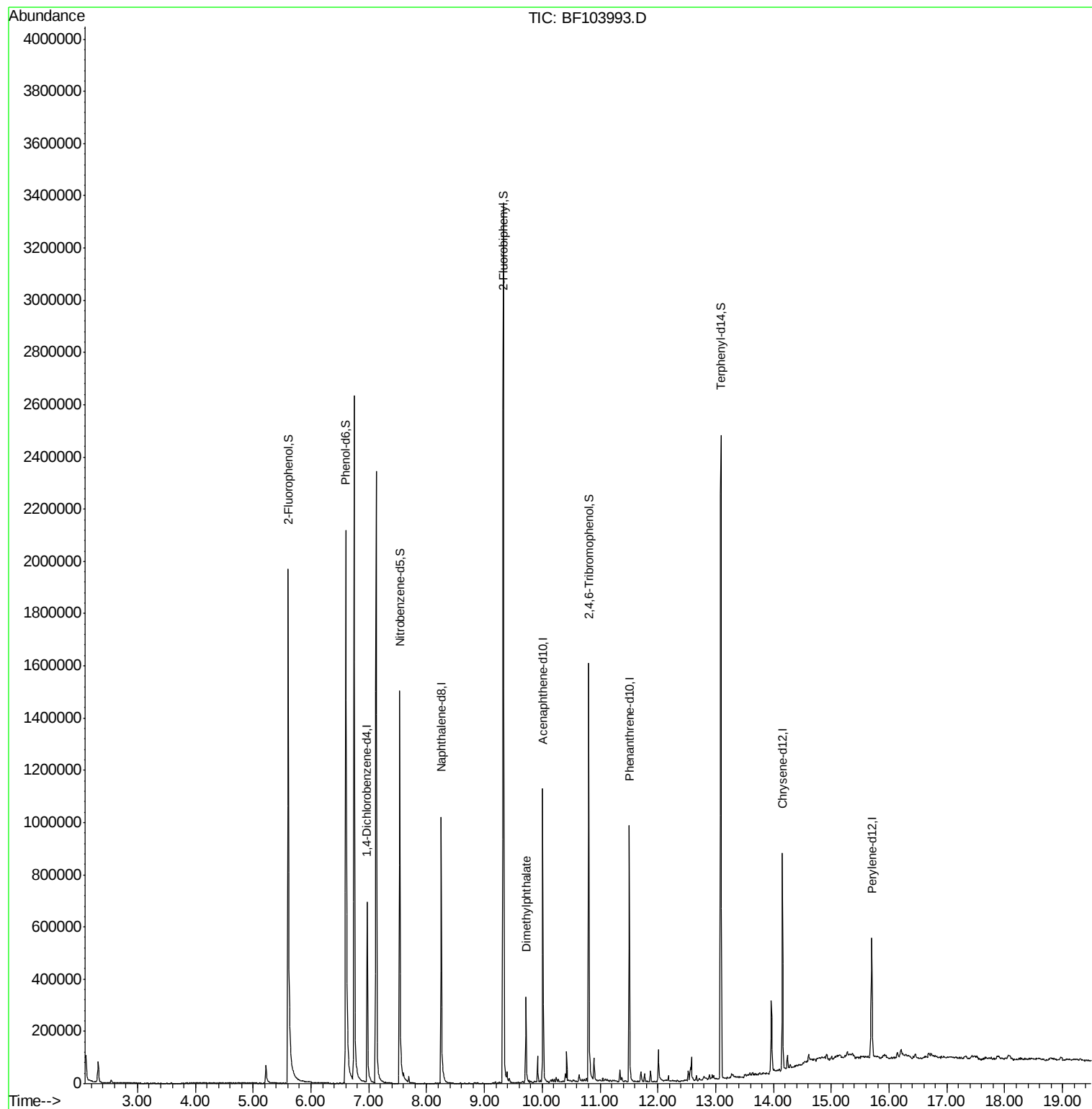
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	140825	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	558799	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	237047	20.00	ng	-0.01
63) Phenanthrene-d10	11.50	188	370493	20.00	ng	0.00
75) Chrysene-d12	14.16	240	271785	20.00	ng	-0.01
86) Perylene-d12	15.70	264	220417	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	886596	95.76	ng	0.01
7) Phenol-d6	6.60	99	1119207	98.81	ng	0.00
23) Nitrobenzene-d5	7.53	82	637552	79.56	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	222045	108.94	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	1150652	77.43	ng	0.00
78) Terphenyl-d14	13.09	244	862827	73.69	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.72	163	141907	7.846	ng	Qvalue 100

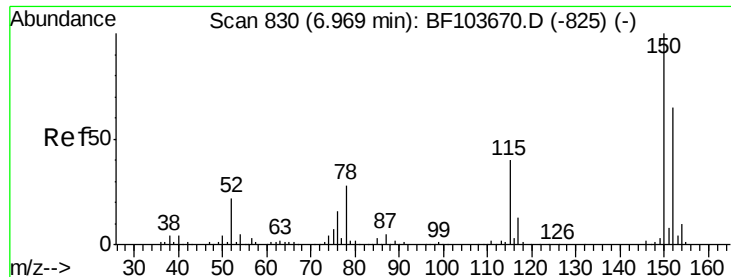
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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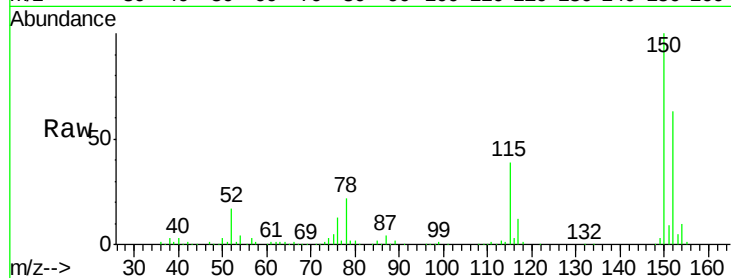


#1

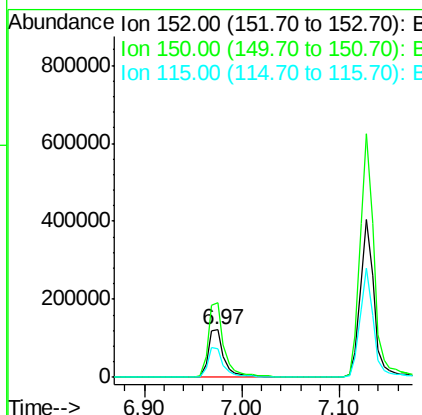
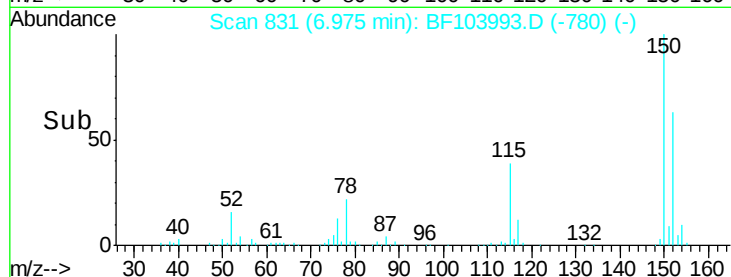
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.97 min Scan# 831
 Delta R.T. 0.00 min
 Lab File: BF103993.D
 Acq: 28 Mar 2018 1:36

Instrument :
 BNA_F
 ClientSampleId :
 SB-106(20-21)

Tot Ion:152 Resp: 140825
 Ion Ratio Lower Upper
 152 100
 150 158.0 124.6 186.8
 115 60.9 50.1 75.1



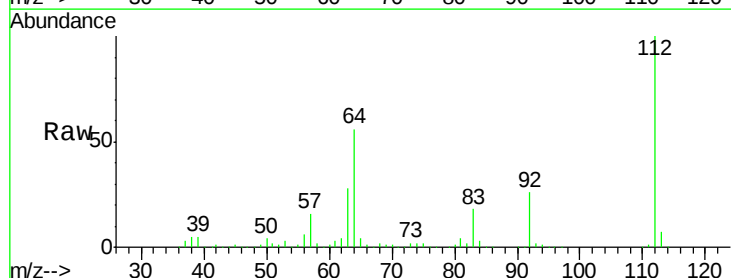
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



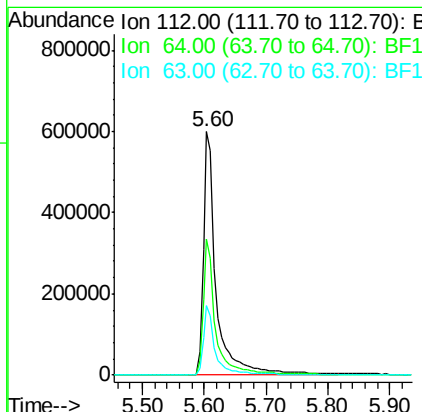
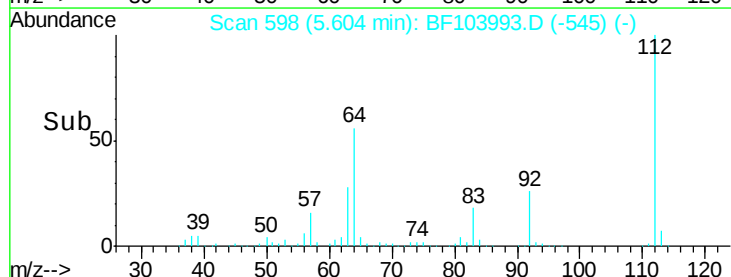
#5

2-Fluorophenol
 Concen: 95.758 ng
 RT: 5.60 min Scan# 598
 Delta R.T. 0.01 min
 Lab File: BF103993.D
 Acq: 28 Mar 2018 1:36

Tgt Ion:112 Resp: 886596
 Ion Ratio Lower Upper
 112 100
 64 56.1 47.9 71.9
 63 28.4 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: 98.805 ng

RT: 6.60 min Scan# 768

Delta R.T. 0.01 min

Lab File: BF103993.D

Acq: 28 Mar 2018 1:36

Instrument :

BNA_F

ClientSampleId :

SB-106(20-21)

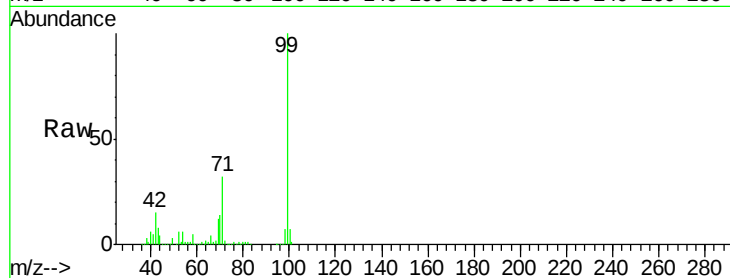
Tot Ion: 99 Resp: 1119207

Ion Ratio Lower Upper

99 100

42 15.5 14.5 21.7

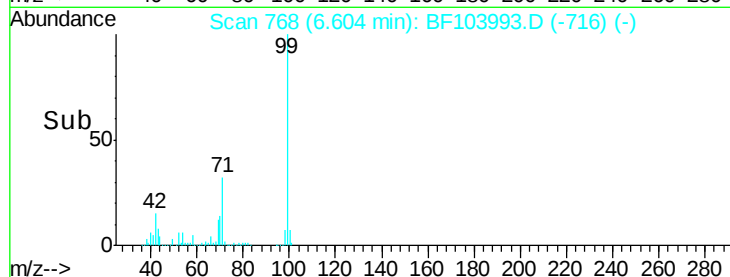
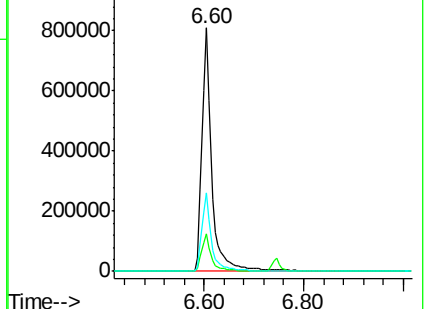
71 32.3 25.4 38.0



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: 8.25 min Scan# 1048

Delta R.T. -0.01 min

Lab File: BF103993.D

Acq: 28 Mar 2018 1:36

Tgt Ion: 136 Resp: 558799

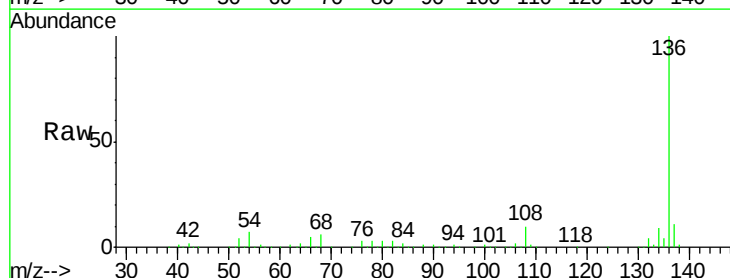
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 6.8 6.6 9.8

68 6.0 5.0 7.4

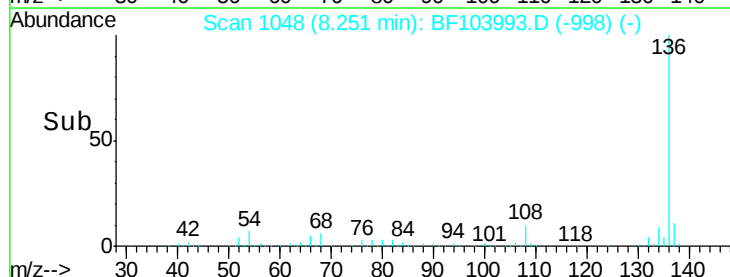
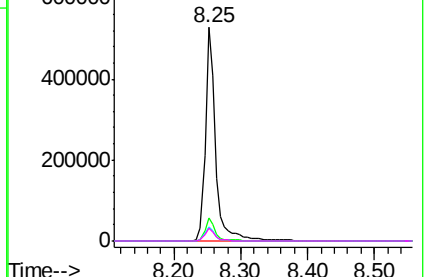


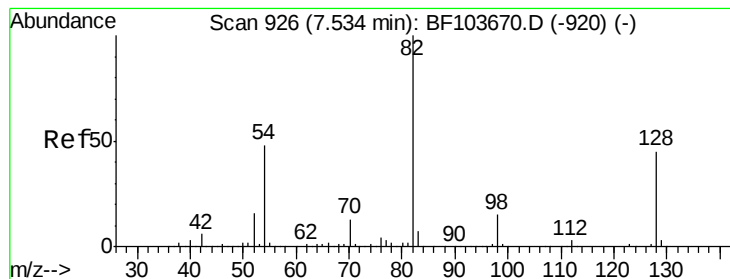
Abundance Ion 136.00 (135.70 to 136.70): E

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: 79.564 ng

RT: 7.53 min Scan# 926

Delta R.T. -0.01 min

Lab File: BF103993.D

Acq: 28 Mar 2018 1:36

Instrument :

BNA_F

ClientSampleId :

SB-106(20-21)

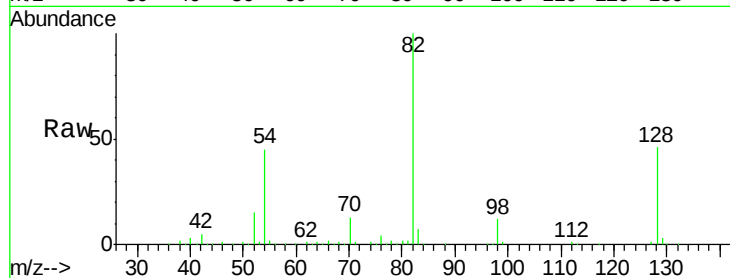
Tot Ion: 82 Resp: 637552

Ion Ratio Lower Upper

82 100

128 45.9 36.1 54.1

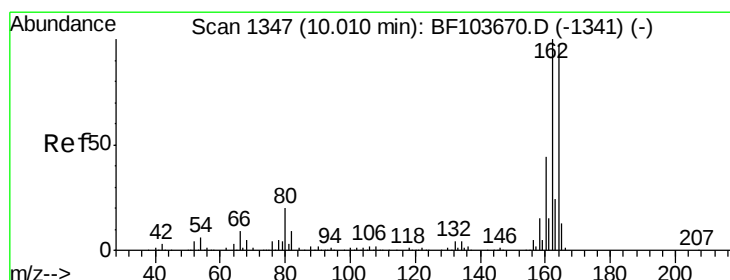
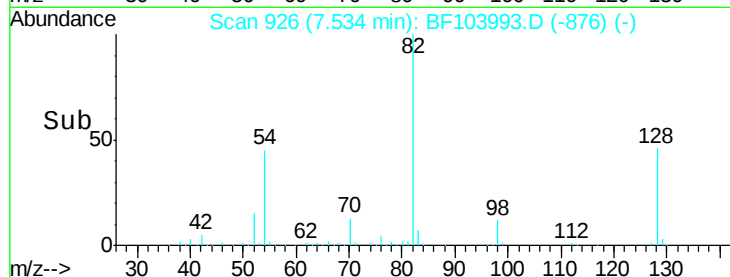
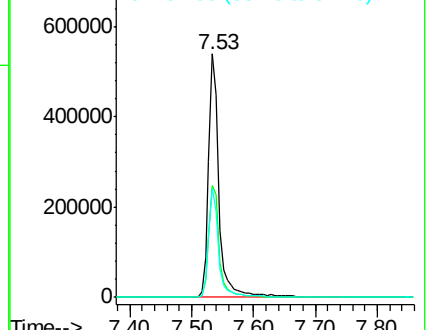
54 44.7 41.4 62.2



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# 1347

Delta R.T. -0.01 min

Lab File: BF103993.D

Acq: 28 Mar 2018 1:36

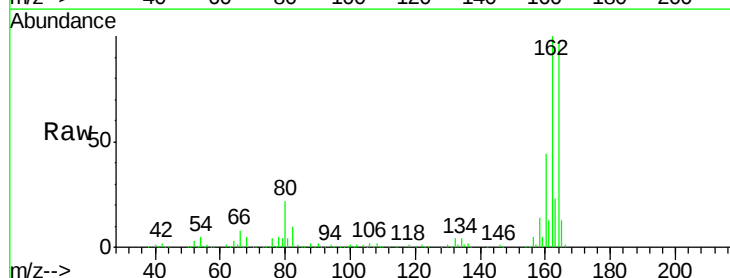
Tgt Ion:164 Resp: 237047

Ion Ratio Lower Upper

164 100

162 103.3 86.1 129.1

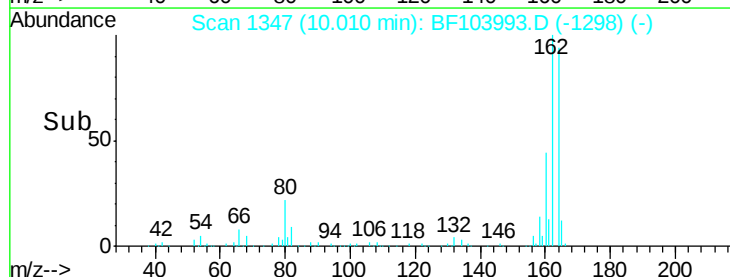
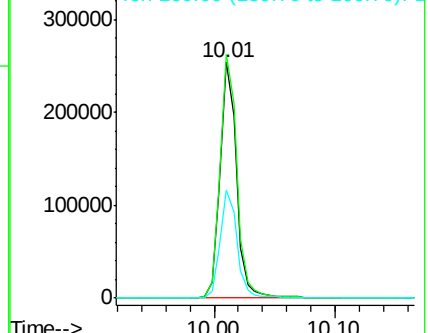
160 45.8 38.3 57.5

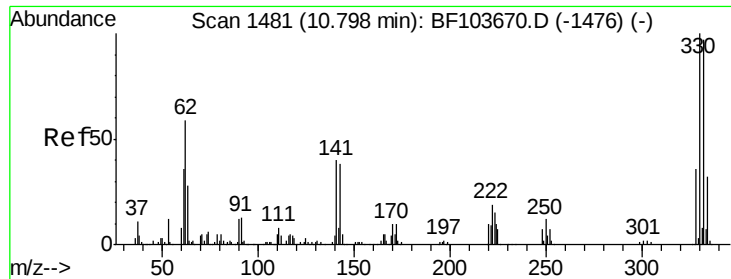


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

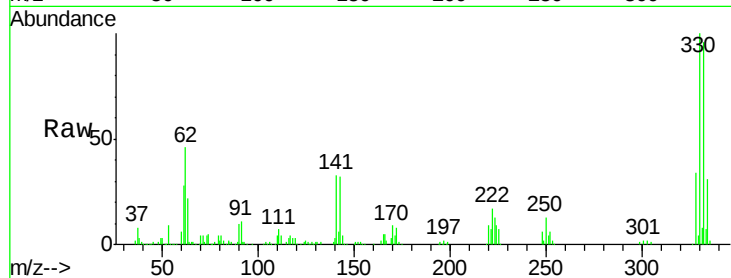




#41
 2,4,6-Tribromophenol
 Concen: 108.945 ng
 RT: 10.80 min Scan# 1482
 Delta R.T. -0.01 min
 Lab File: BF103993.D
 Acq: 28 Mar 2018 1:36

Instrument :
 BNA_F
 ClientSampleId :
 SB-106(20-21)

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.0	115.6
141	32.3	29.9	44.9

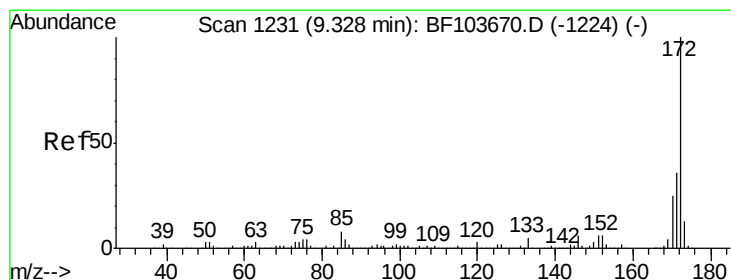
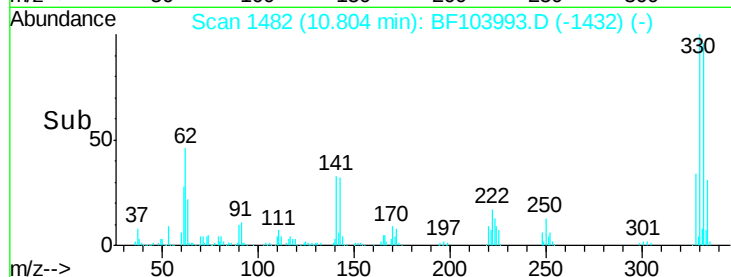
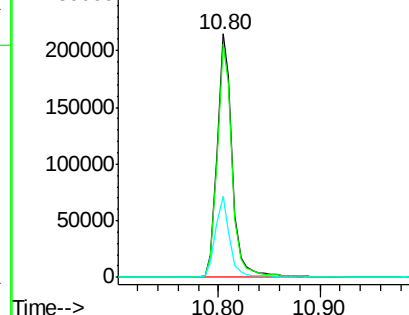


Abundance

Ion 329.80 (329.50 to 330.50): E

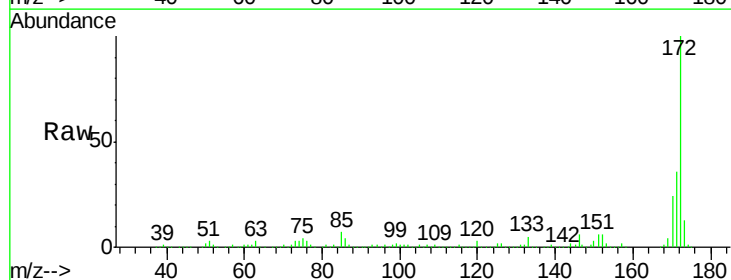
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 77.430 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. -0.01 min
 Lab File: BF103993.D
 Acq: 28 Mar 2018 1:36

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.7	44.5
170	23.9	19.6	29.4

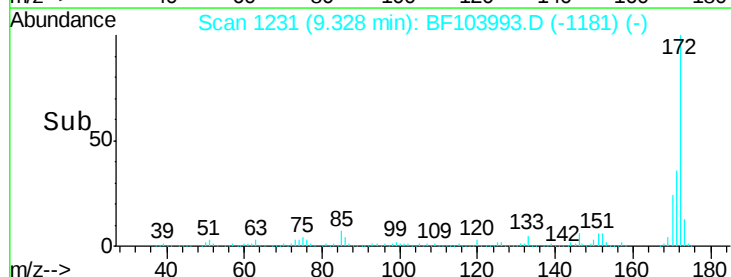
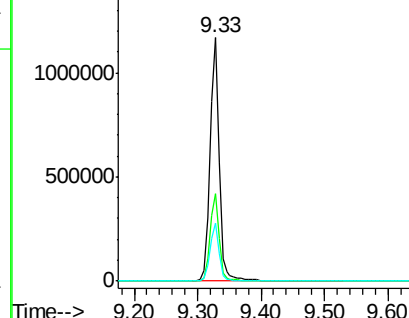


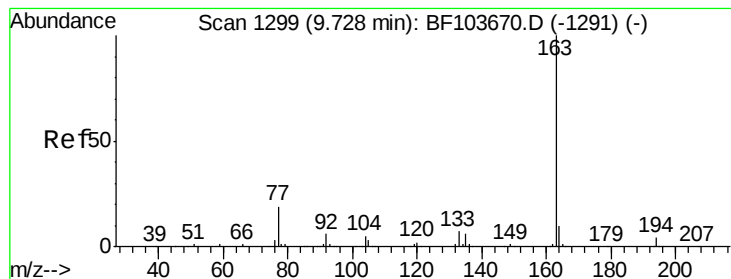
Abundance

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: 7.846 ng

RT: 9.72 min Scan# 1297

Delta R.T. -0.02 min

Lab File: BF103993.D

Acq: 28 Mar 2018 1:36

Instrument :

BNA_F

ClientSampleId :

SB-106(20-21)

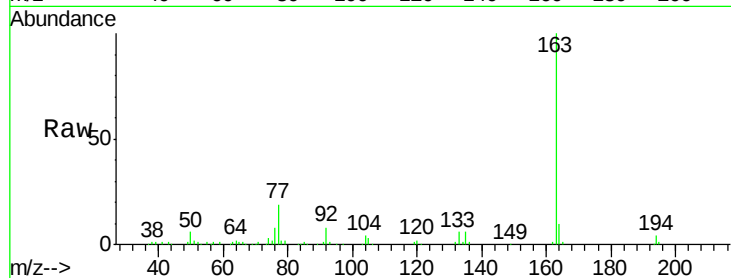
Tot Ion:163 Resp: 141907

Ion Ratio Lower Upper

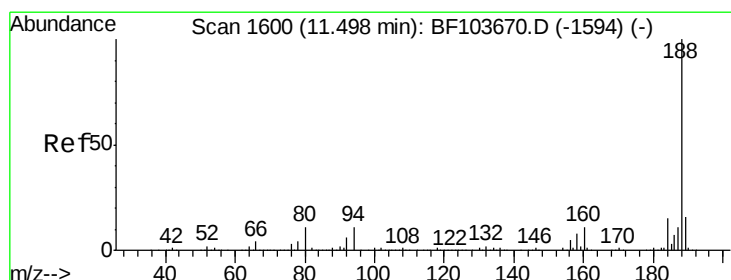
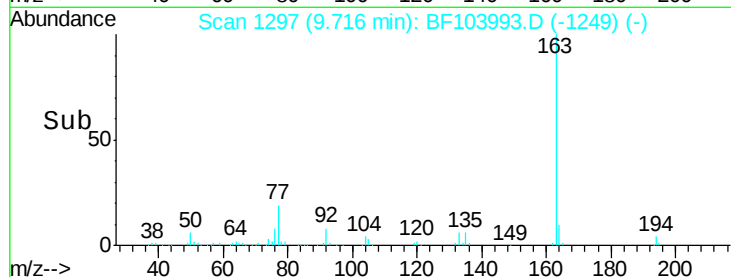
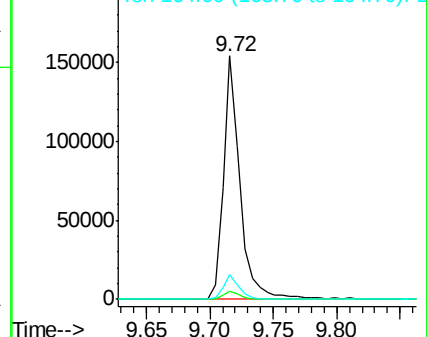
163 100

194 3.5 2.7 4.1

164 10.2 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# 1601

Delta R.T. -0.01 min

Lab File: BF103993.D

Acq: 28 Mar 2018 1:36

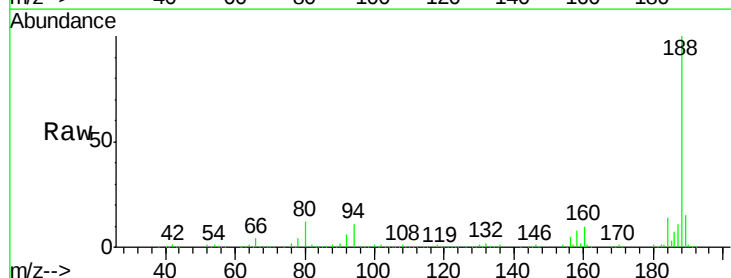
Tgt Ion:188 Resp: 370493

Ion Ratio Lower Upper

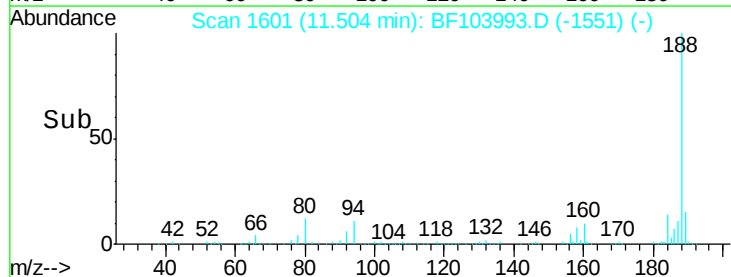
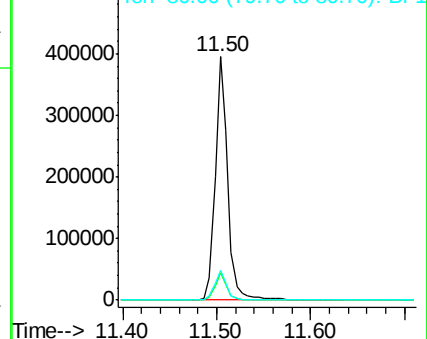
188 100

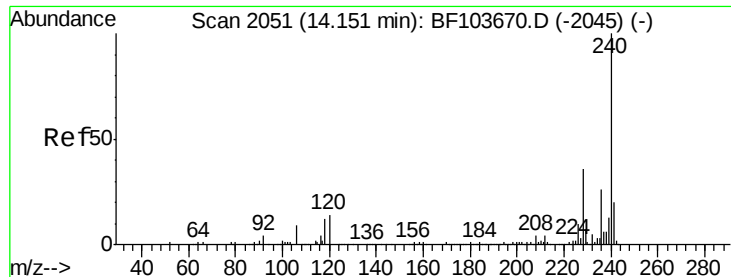
94 11.1 8.5 12.7

80 12.1 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: 14.16 min Scan# 2052

Delta R.T. -0.01 min

Lab File: BF103993.D

Acq: 28 Mar 2018 1:36

Instrument :

BNA_F

ClientSampleId :

SB-106(20-21)

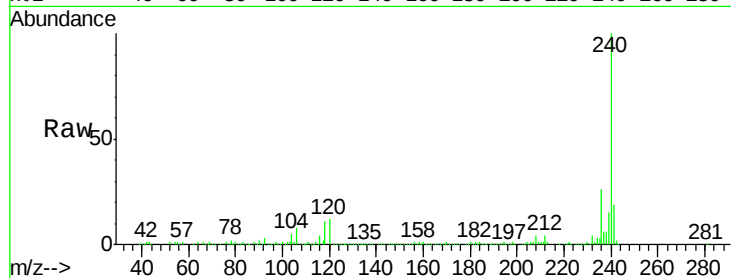
Tot Ion:240 Resp: 271785

Ion Ratio Lower Upper

240 100

120 12.3 9.5 14.3

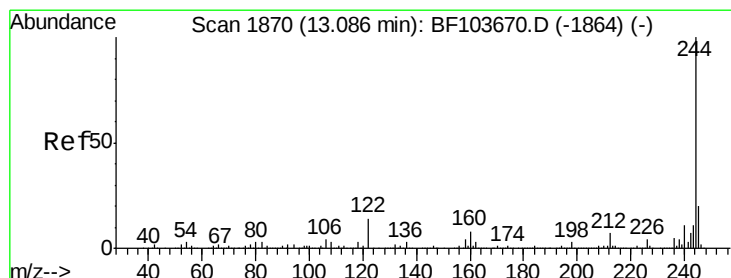
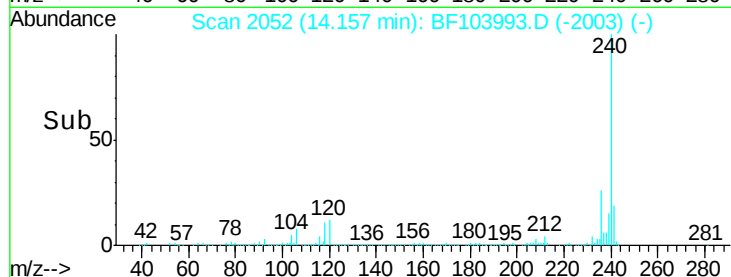
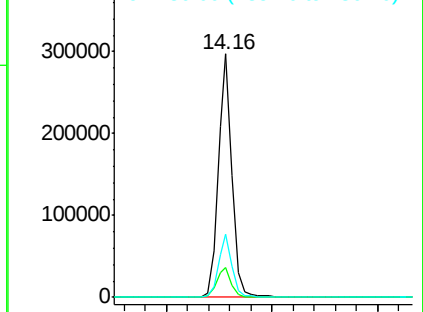
236 26.1 20.7 31.1



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: 73.689 ng

RT: 13.09 min Scan# 1871

Delta R.T. -0.01 min

Lab File: BF103993.D

Acq: 28 Mar 2018 1:36

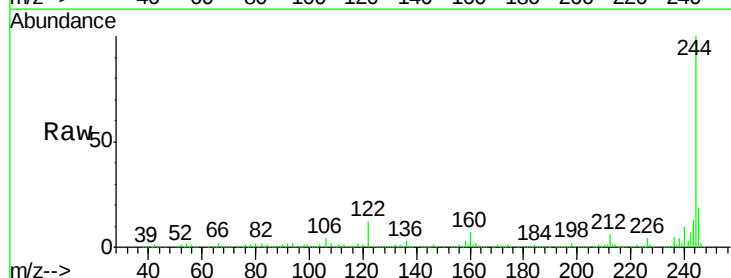
Tgt Ion:244 Resp: 862827

Ion Ratio Lower Upper

244 100

212 6.4 5.4 8.0

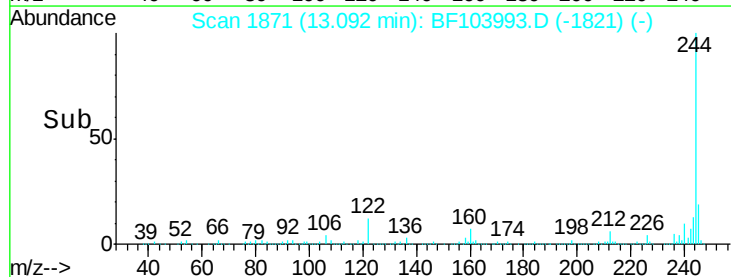
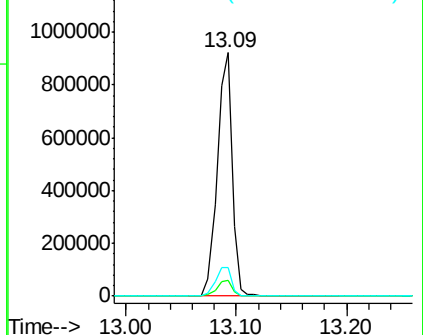
122 11.6 11.0 16.4

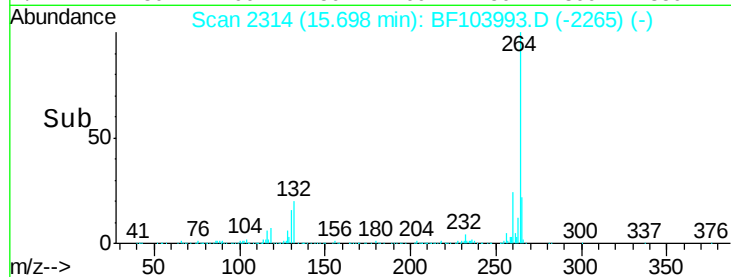
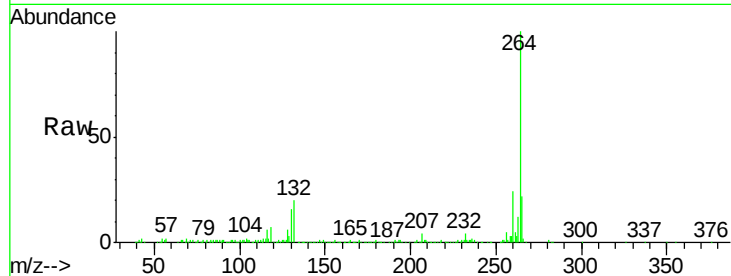
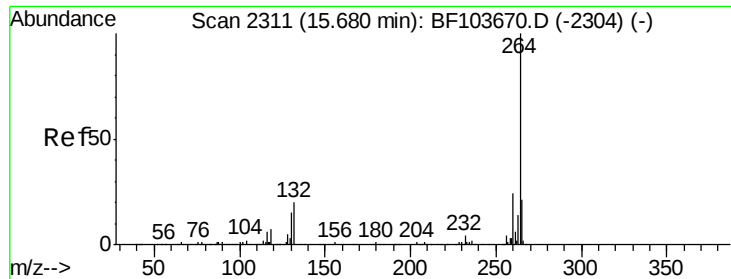


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.70 min Scan# 2314
 Delta R.T. -0.01 min
 Lab File: BF103993.D
 Acq: 28 Mar 2018 1:36

Instrument :
 BNA_F
 ClientSampleId :
 SB-106(20-21)

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.6	17.5	26.3

