

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031218\
 Data File : BF103593.D
 Acq On : 12 Mar 2018 20:23
 Operator : SJ/JU
 Sample : PB107245BL
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB107245BL

Quant Time: Mar 13 02:14:36 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 09 11:47:13 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	115844	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	503409	20.00	ng	-0.01
38) Acenaphthene-d10	9.90	164	226343	20.00	ng	-0.01
63) Phenanthrene-d10	11.40	188	438958	20.00	ng	0.00
75) Chrysene-d12	14.06	240	339546	20.00	ng	0.00
86) Perylene-d12	15.56	264	316530	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	919431	120.04	ng	0.00
7) Phenol-d6	6.50	99	1166824	124.49	ng	0.00
23) Nitrobenzene-d5	7.43	82	731321	82.96	ng	-0.01
41) 2,4,6-Tribromophenol	10.70	330	195732	102.16	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	1105994	83.90	ng	-0.01
78) Terphenyl-d14	12.98	244	977923	69.23	ng	0.00

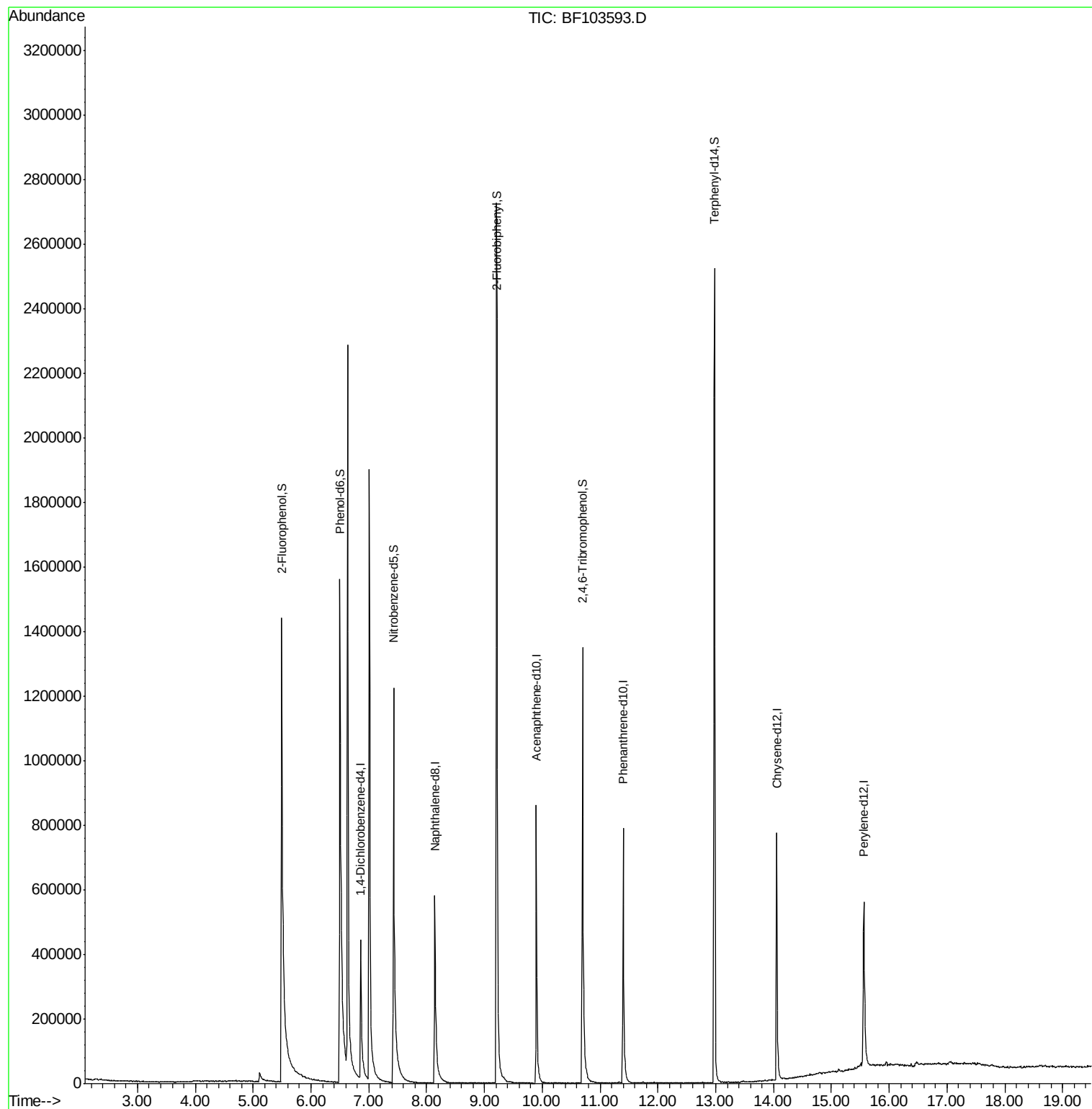
Target Compounds Qvalue

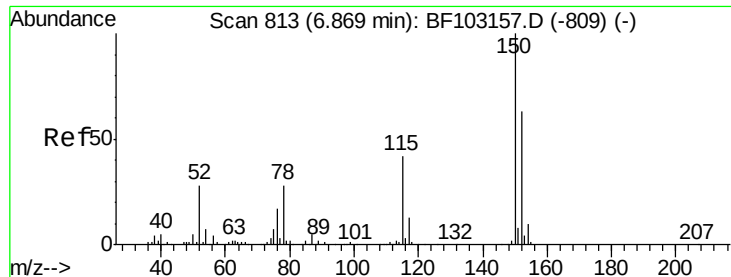
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.86 min Scan# 811

Delta R.T. -0.01 min

Lab File: BF103593.D

Acq: 12 Mar 2018 20:23

Instrument :

BNA_F

ClientSampleId :

PB107245BL

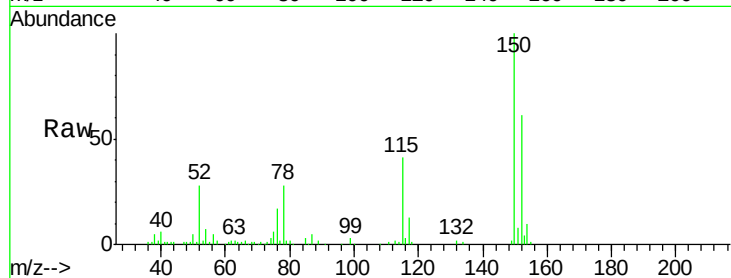
Tot Ion:152 Resp: 115844

Ion Ratio Lower Upper

152 100

150 163.9 124.6 186.8

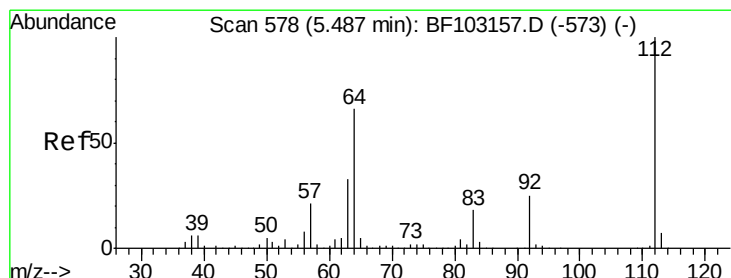
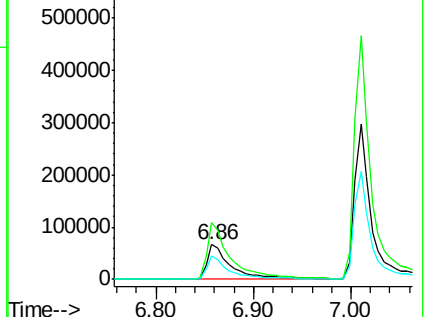
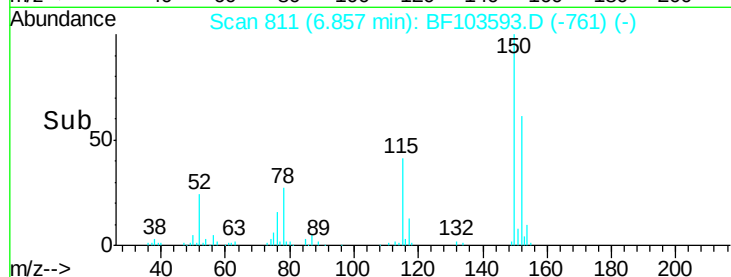
115 66.6 50.1 75.1



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: 120.04 ng

RT: 5.49 min Scan# 579

Delta R.T. 0.01 min

Lab File: BF103593.D

Acq: 12 Mar 2018 20:23

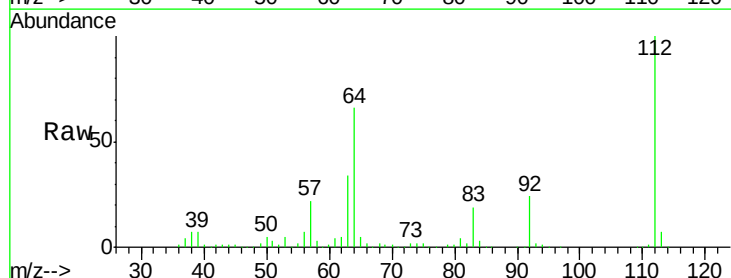
Tgt Ion:112 Resp: 919431

Ion Ratio Lower Upper

112 100

64 66.3 47.9 71.9

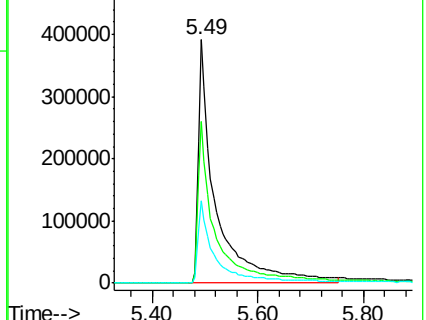
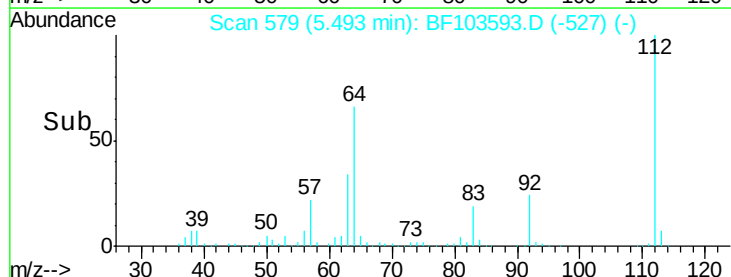
63 34.0 23.7 35.5

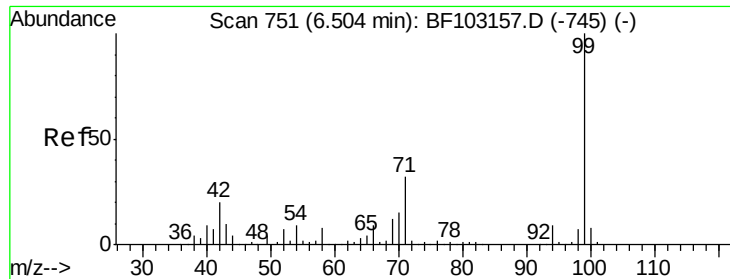


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 124.49 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF103593.D

Acq: 12 Mar 2018 20:23

Instrument :

BNA_F

ClientSampleId :

PB107245BL

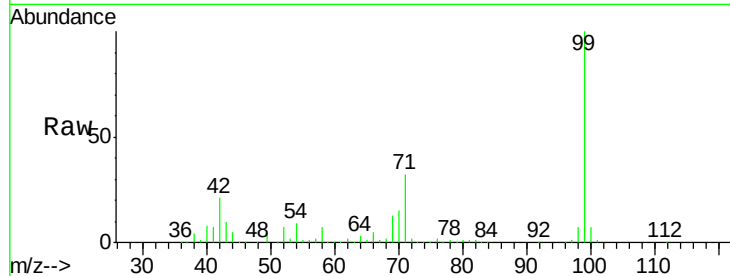
Tot Ion: 99 Resp: 1166824

Ion Ratio Lower Upper

99 100

42 20.7 14.5 21.7

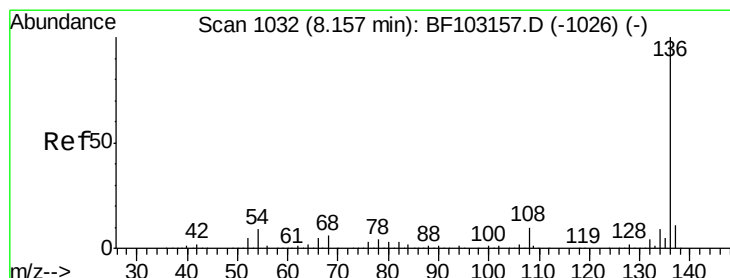
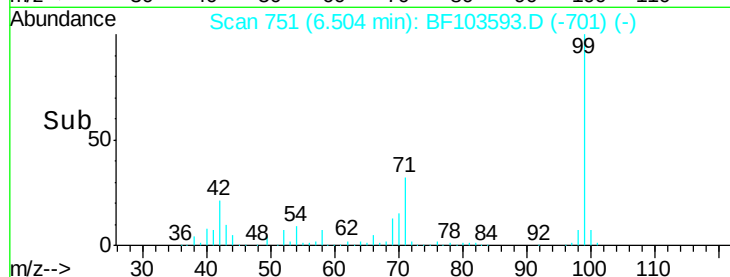
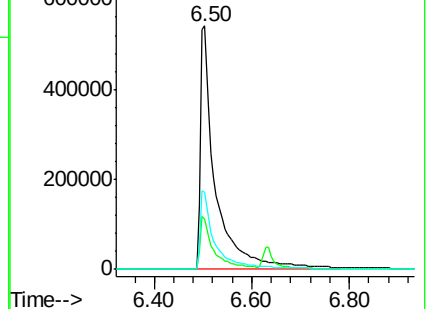
71 31.9 25.4 38.0



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: 20.00 ng

RT: 8.14 min Scan# 1029

Delta R.T. -0.01 min

Lab File: BF103593.D

Acq: 12 Mar 2018 20:23

Tgt Ion: 136 Resp: 503409

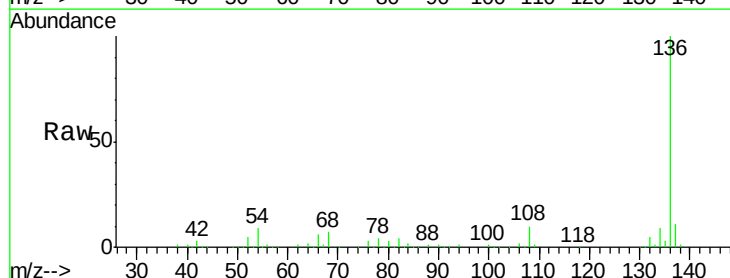
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 9.4 6.6 9.8

68 6.7 5.0 7.4

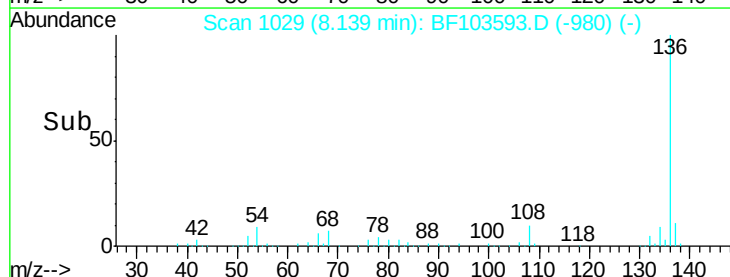
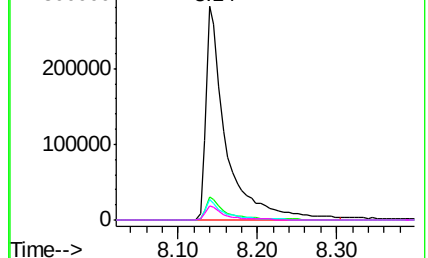


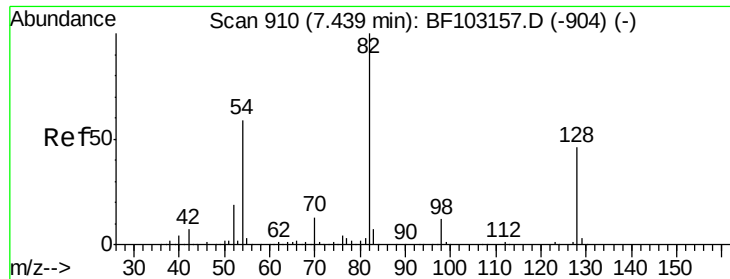
Abundance Ion 136.00 (135.70 to 136.70): E

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

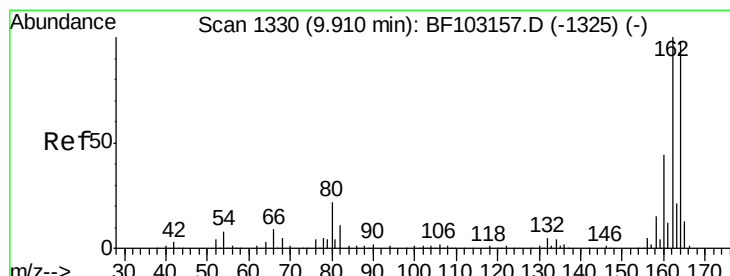
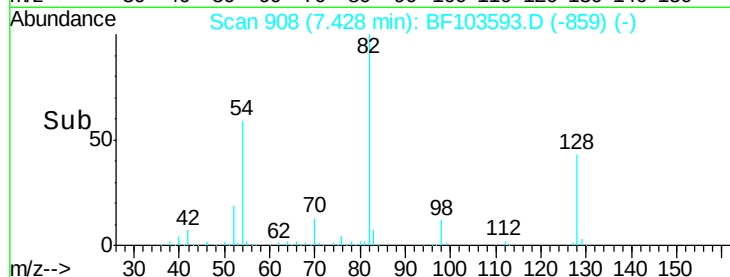
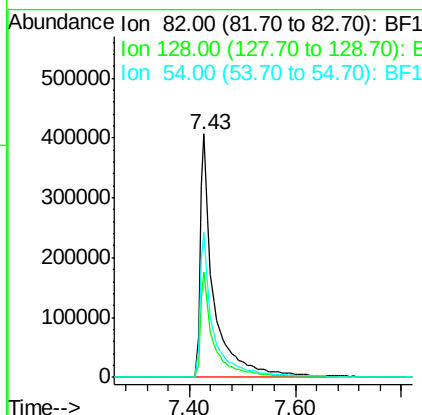
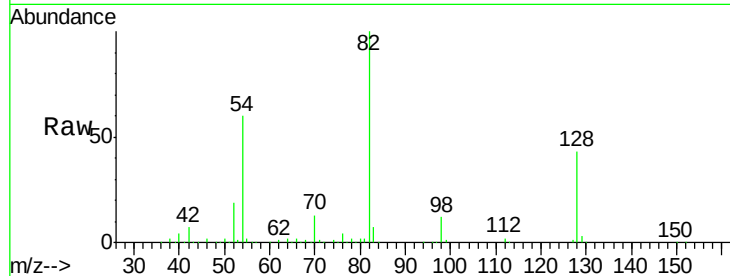




#23
 Nitrobenzene-d5
 Concen: 82.96 ng
 RT: 7.43 min Scan# 908
 Delta R.T. -0.01 min
 Lab File: BF103593.D
 Acq: 12 Mar 2018 20:23

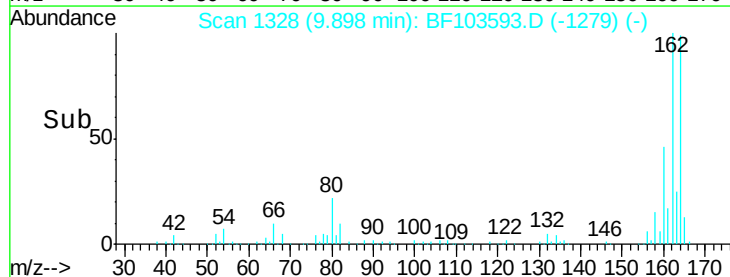
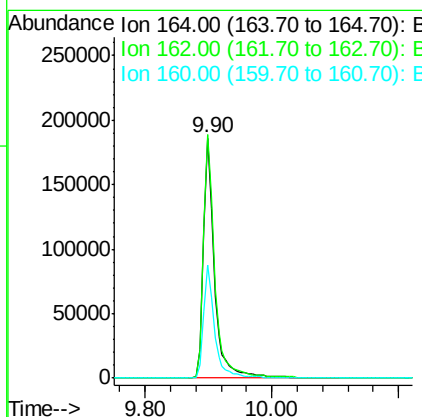
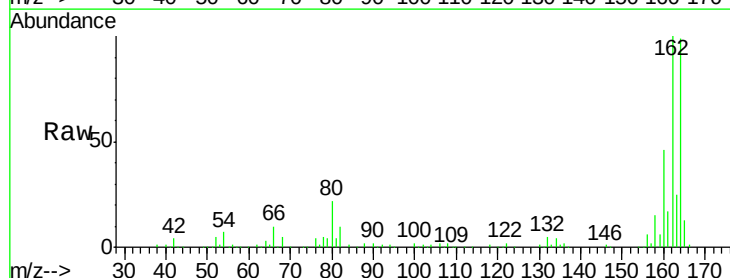
Instrument :
 BNA_F
 ClientSampleId :
 PB107245BL

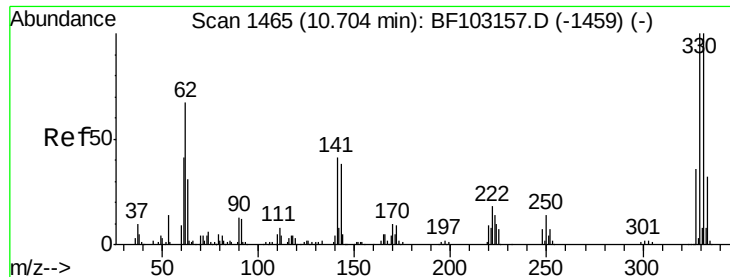
Tot Ion: 82 Resp: 731321
 Ion Ratio Lower Upper
 82 100
 128 43.0 36.1 54.1
 54 59.5 41.4 62.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. -0.01 min
 Lab File: BF103593.D
 Acq: 12 Mar 2018 20:23

Tgt Ion: 164 Resp: 226343
 Ion Ratio Lower Upper
 164 100
 162 101.4 86.1 129.1
 160 47.1 38.3 57.5

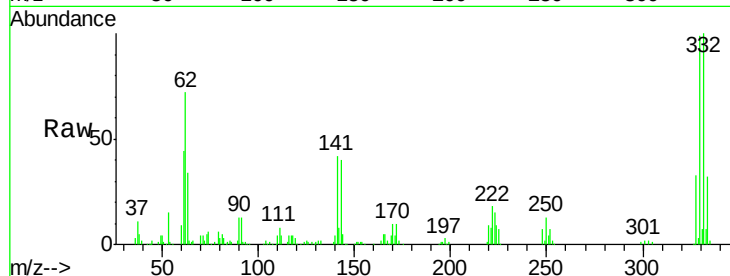




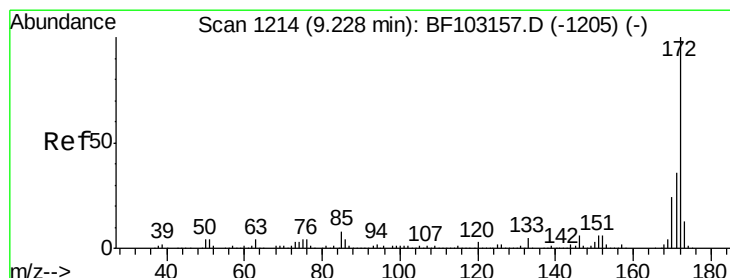
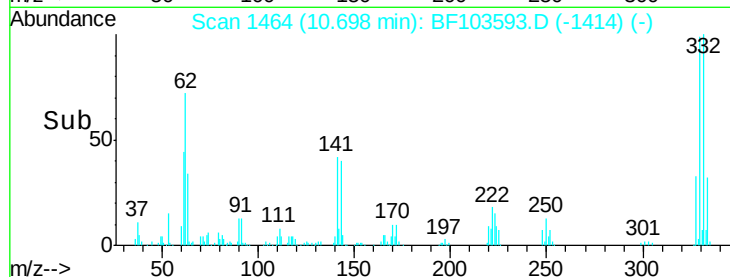
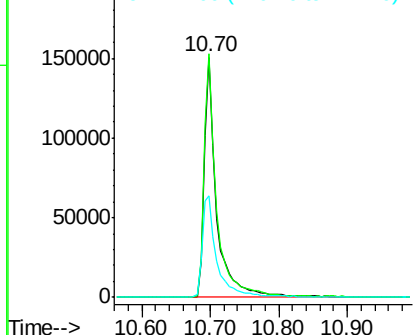
#41
 2,4,6-Tribromophenol
 Concen: 102.16 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. -0.01 min
 Lab File: BF103593.D
 Acq: 12 Mar 2018 20:23

Instrument :
 BNA_F
 ClientSampleId :
 PB107245BL

Tot Ion:330 Resp: 195732
 Ion Ratio Lower Upper
 330 100
 332 103.1 77.0 115.6
 141 49.2 29.9 44.9#

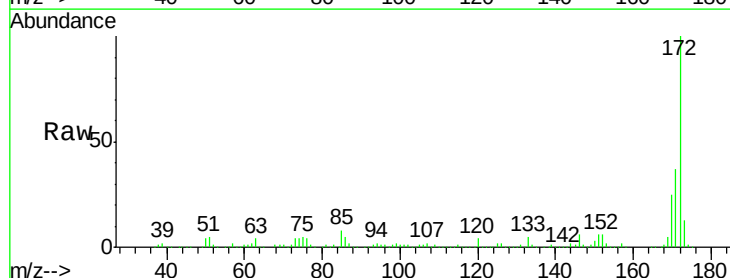


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

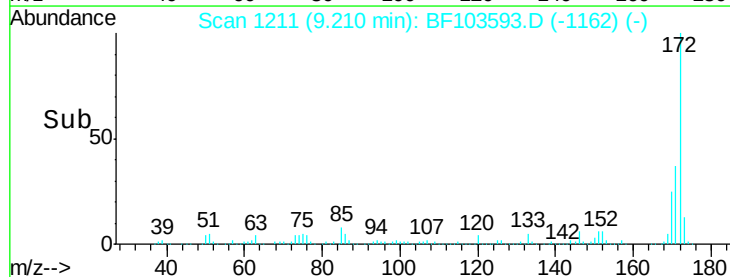
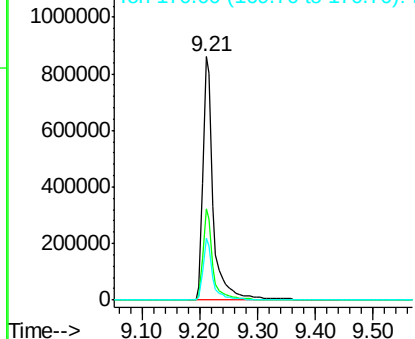


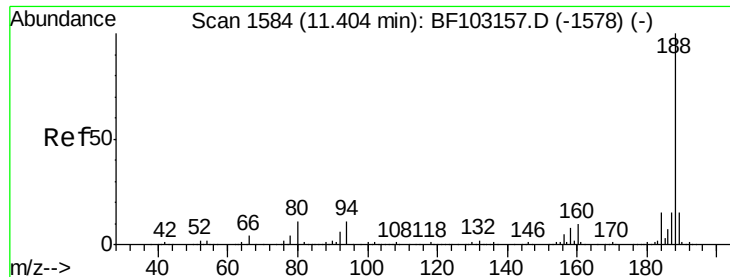
#44
 2-Fluorobiphenyl
 Concen: 83.90 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.01 min
 Lab File: BF103593.D
 Acq: 12 Mar 2018 20:23

Tgt Ion:172 Resp: 1105994
 Ion Ratio Lower Upper
 172 100
 171 37.2 29.7 44.5
 170 25.3 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





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.40 min Scan# 1583

Delta R.T. -0.01 min

Lab File: BF103593.D

Acq: 12 Mar 2018 20:23

Instrument :

BNA_F

ClientSampleId :

PB107245BL

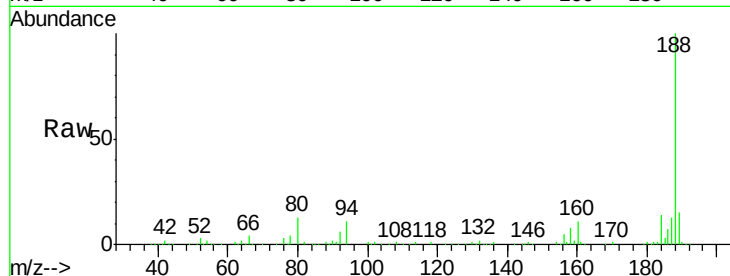
Tot Ion:188 Resp: 438958

Ion Ratio Lower Upper

188 100

94 11.2 8.5 12.7

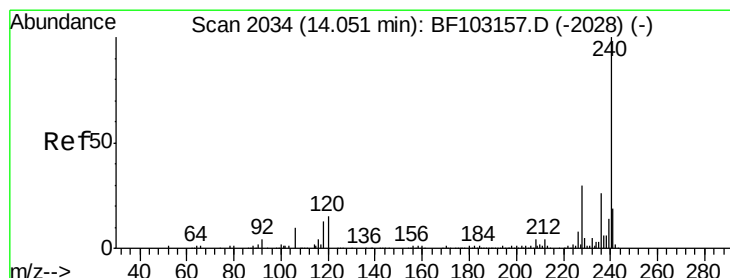
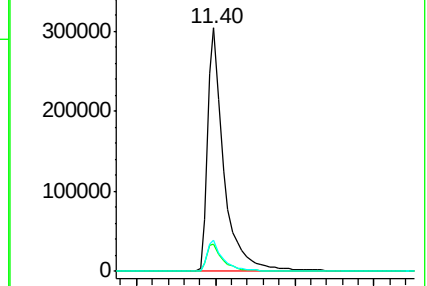
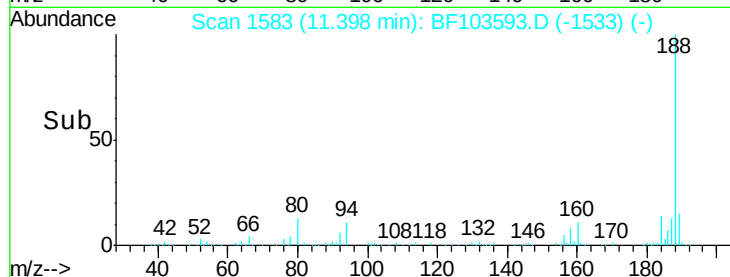
80 12.6 9.2 13.8



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: 20.00 ng

RT: 14.06 min Scan# 2035

Delta R.T. -0.01 min

Lab File: BF103593.D

Acq: 12 Mar 2018 20:23

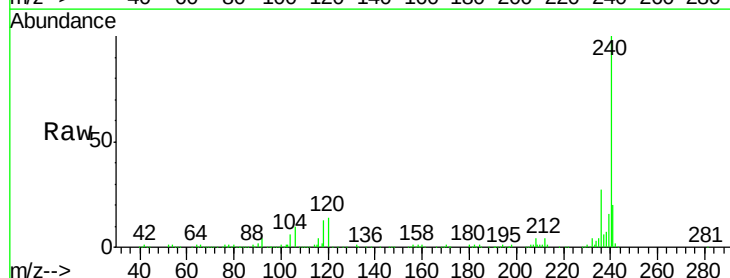
Tgt Ion:240 Resp: 339546

Ion Ratio Lower Upper

240 100

120 14.1 9.5 14.3

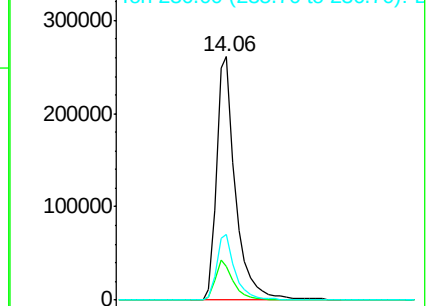
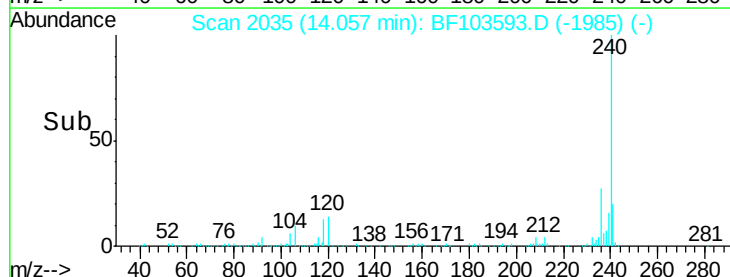
236 26.9 20.7 31.1

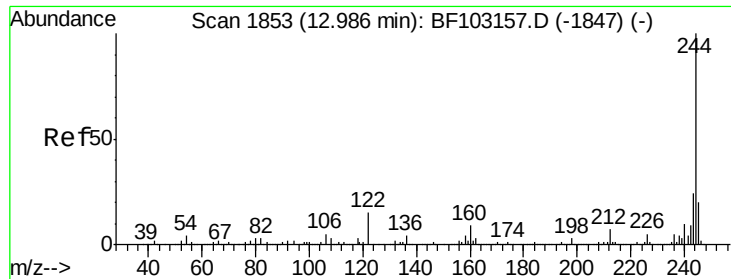


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 69.23 ng

RT: 12.98 min Scan# 1852

Delta R.T. -0.01 min

Lab File: BF103593.D

Acq: 12 Mar 2018 20:23

Instrument :

BNA_F

ClientSampleId :

PB107245BL

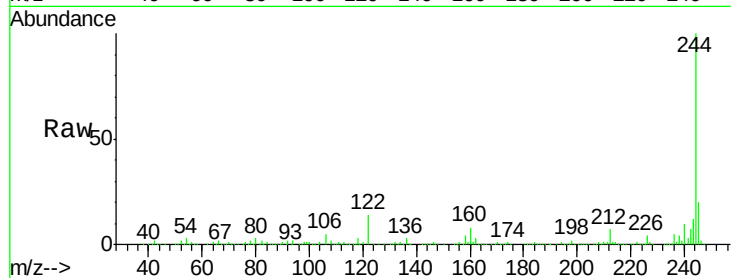
Tot Ion:244 Resp: 977923

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

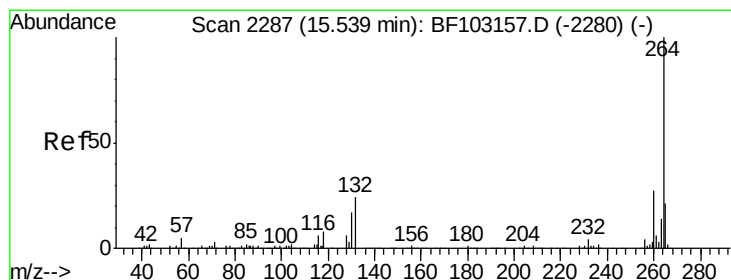
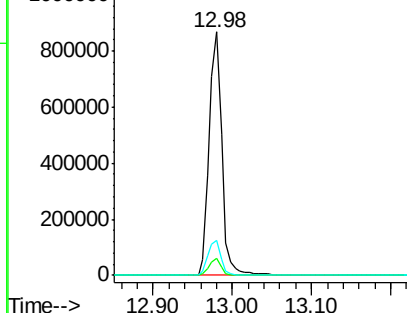
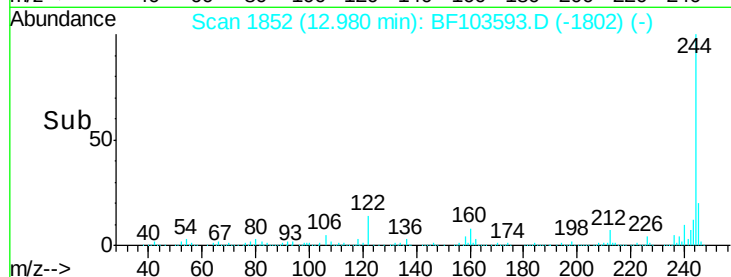
122 14.1 11.0 16.4



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

Perylene-d12

Concen: 20.00 ng

RT: 15.56 min Scan# 2291

Delta R.T. -0.01 min

Lab File: BF103593.D

Acq: 12 Mar 2018 20:23

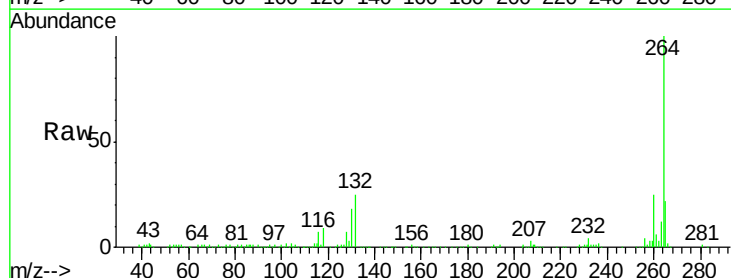
Tgt Ion:264 Resp: 316530

Ion Ratio Lower Upper

264 100

260 24.8 19.2 28.8

265 21.9 17.5 26.3



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

