

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062918\
 Data File : BF106980.D
 Acq On : 29 Jun 2018 18:27
 Operator : JU/SJ
 Sample : J3677-06
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 93-95-B3(10-15)

Quant Time: Jun 29 23:44:24 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 29 14:38:29 2018
 Response via : Initial Calibration

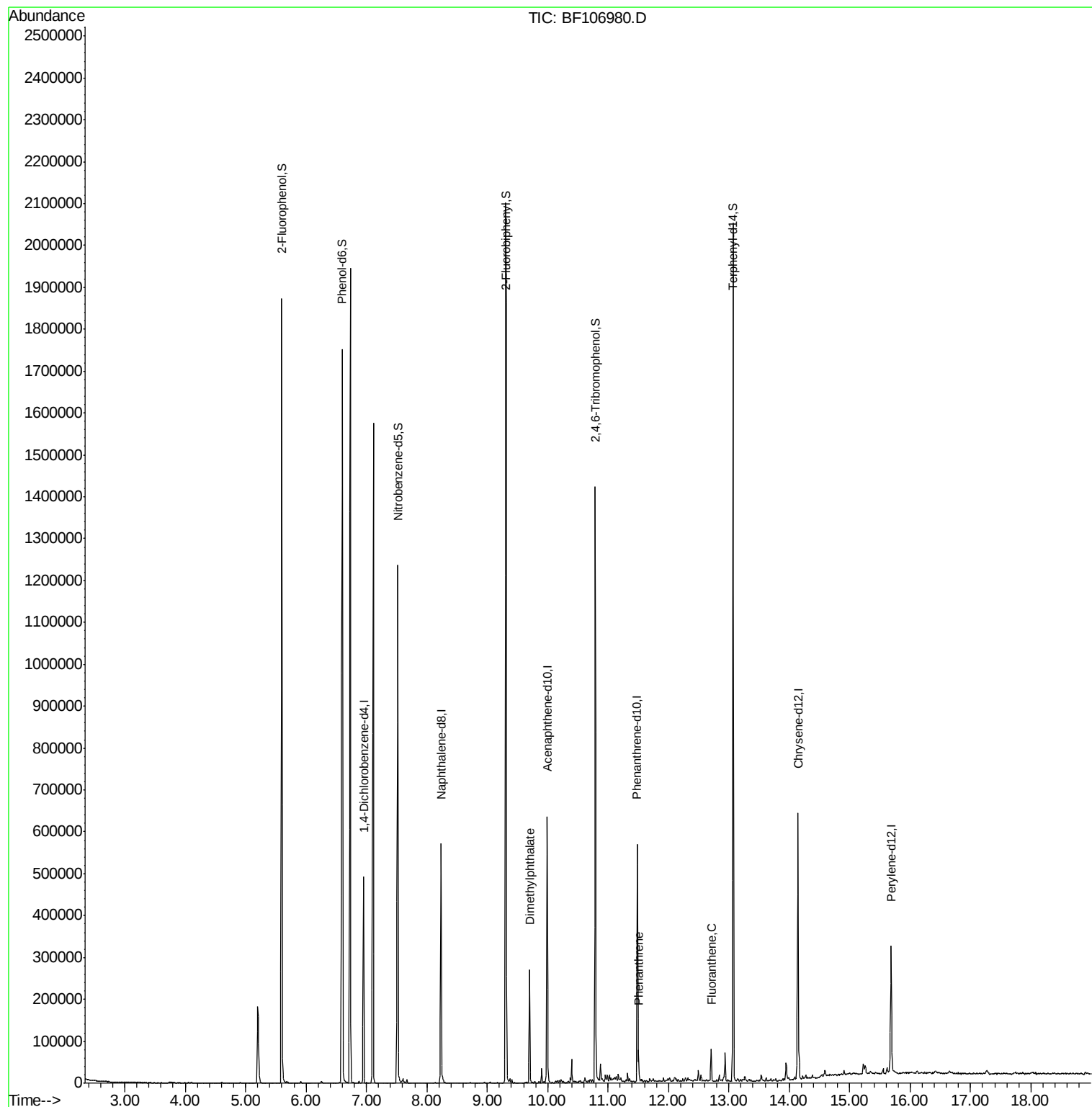
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	76313	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	283667	20.00	ng	-0.01
38) Acenaphthene-d10	10.00	164	132285	20.00	ng	-0.01
63) Phenanthrene-d10	11.48	188	230932	20.00	ng	-0.02
75) Chrysene-d12	14.14	240	217884	20.00	ng	-0.02
86) Perylene-d12	15.68	264	159612	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	583539	129.48	ng	0.00
7) Phenol-d6	6.60	99	737775	131.09	ng	-0.01
23) Nitrobenzene-d5	7.52	82	468540	91.79	ng	-0.02
41) 2,4,6-Tribromophenol	10.79	330	214769	140.08	ng	-0.01
44) 2-Fluorobiphenyl	9.31	172	755402	99.10	ng	-0.02
78) Terphenyl-d14	13.07	244	740939	82.37	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.70	163	113899	11.480	ng	99
70) Phenanthrene	11.51	178	25858	2.322	ng	97
74) Fluoranthene	12.71	202	33735	2.748	ng	94

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

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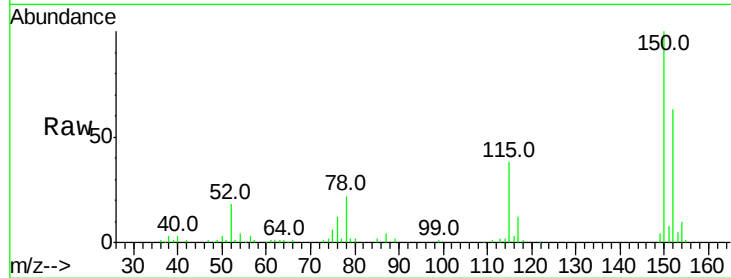


#1

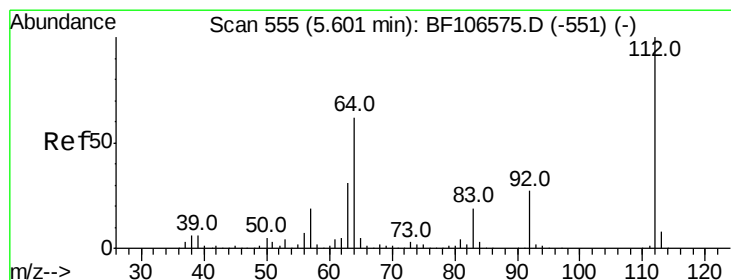
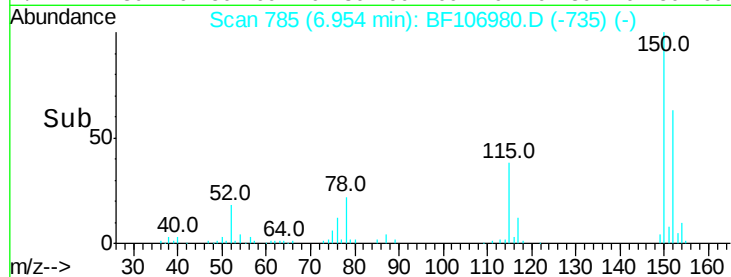
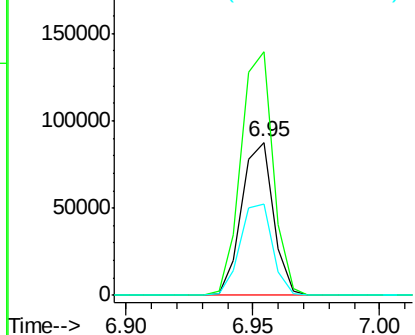
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.95 min Scan# 785
 Delta R.T. -0.01 min
 Lab File: BF106980.D
 Acq: 29 Jun 2018 18:27

Instrument :
 BNA_F
 ClientSampleId :
 93-95-B3(10-15)

Tot Ion:152 Resp: 76313
 Ion Ratio Lower Upper
 152 100
 150 159.4 124.6 186.8
 115 59.9 50.1 75.1



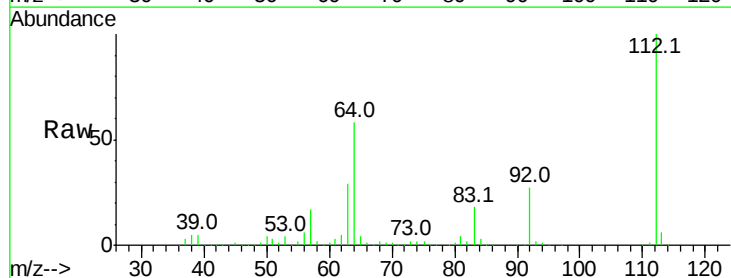
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



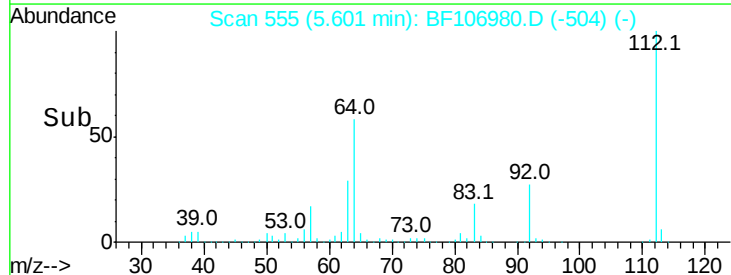
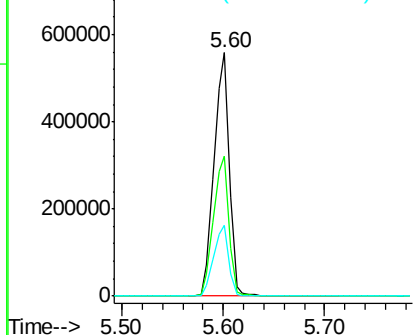
#5

2-Fluorophenol
 Concen: 129.482 ng
 RT: 5.60 min Scan# 555
 Delta R.T. -0.00 min
 Lab File: BF106980.D
 Acq: 29 Jun 2018 18:27

Tgt Ion:112 Resp: 583539
 Ion Ratio Lower Upper
 112 100
 64 57.5 47.9 71.9
 63 28.9 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: 131.090 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF106980.D

Acq: 29 Jun 2018 18:27

Instrument :

BNA_F

ClientSampleId :

93-95-B3(10-15)

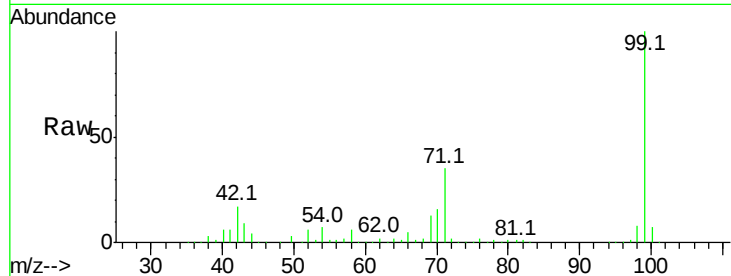
Tot Ion: 99 Resp: 737775

Ion Ratio Lower Upper

99 100

42 16.5 14.5 21.7

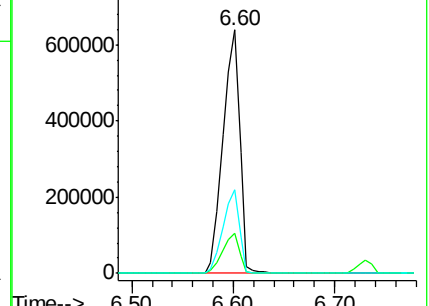
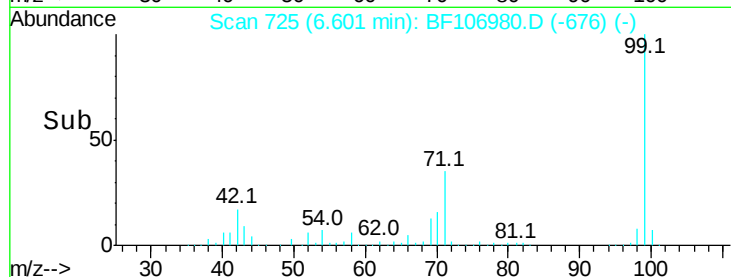
71 34.5 25.4 38.0



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: BF106980.D

Acq: 29 Jun 2018 18:27

Tgt Ion: 136 Resp: 283667

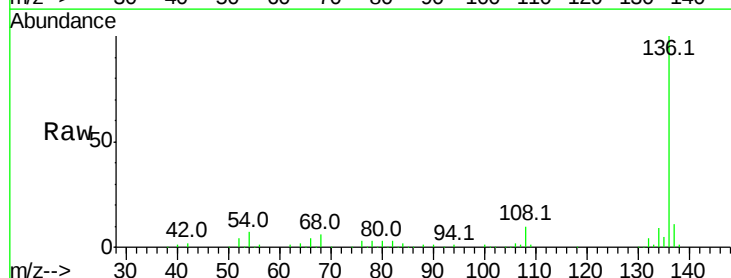
Ion Ratio Lower Upper

136 100

137 10.6 8.9 13.3

54 7.2 6.6 9.8

68 5.8 5.0 7.4

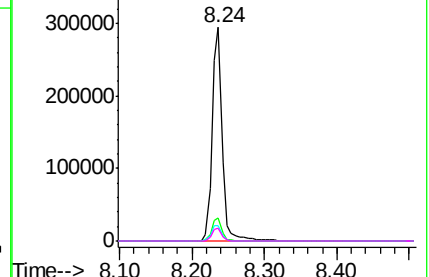
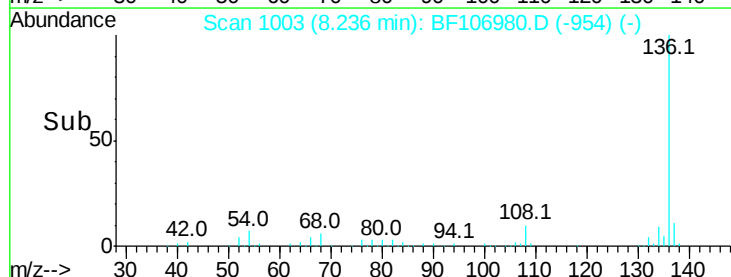


Abundance Ion 136.00 (135.70 to 136.70): E

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

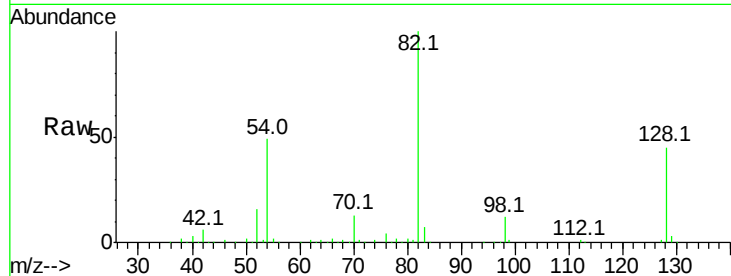




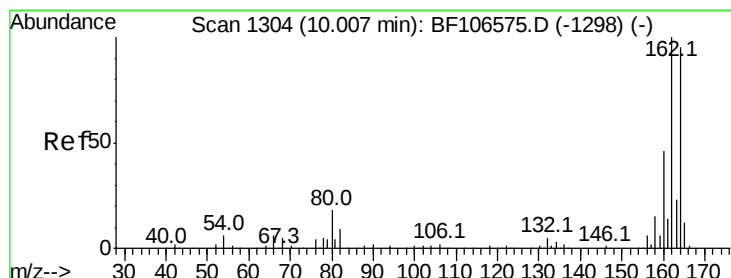
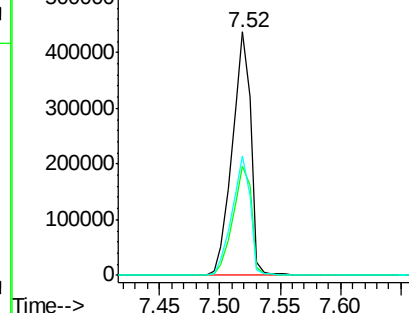
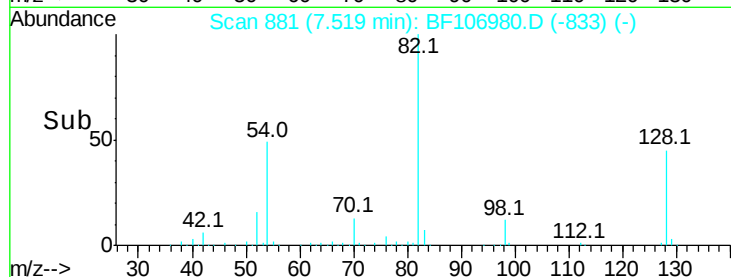
#23
 Nitrobenzene-d5
 Concen: 91.792 ng
 RT: 7.52 min Scan# 881
 Delta R.T. -0.02 min
 Lab File: BF106980.D
 Acq: 29 Jun 2018 18:27

Instrument :
 BNA_F
 ClientSampleId :
 93-95-B3(10-15)

Tot Ion: 82 Resp: 468540
 Ion Ratio Lower Upper
 82 100
 128 44.7 36.1 54.1
 54 49.1 41.4 62.2

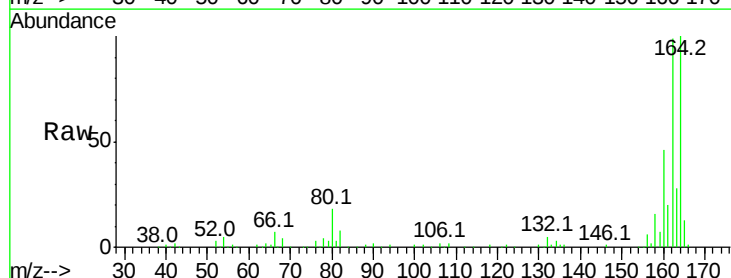


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

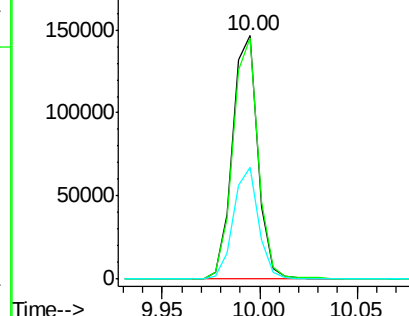
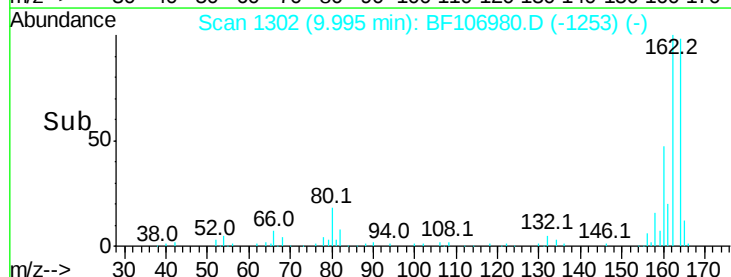


#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.00 min Scan# 1302
 Delta R.T. -0.01 min
 Lab File: BF106980.D
 Acq: 29 Jun 2018 18:27

Tgt Ion: 164 Resp: 132285
 Ion Ratio Lower Upper
 164 100
 162 99.2 86.1 129.1
 160 46.0 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

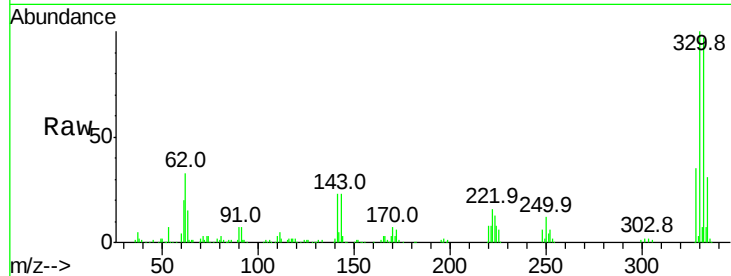




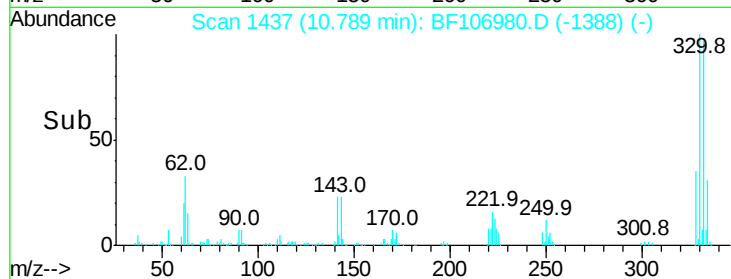
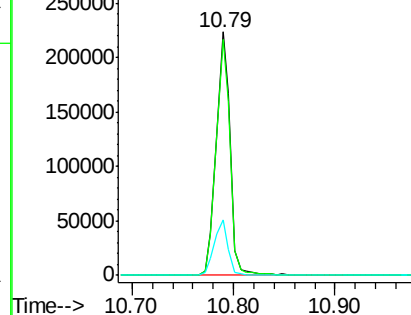
#41
 2,4,6-Tribromophenol
 Concen: 140.077 ng
 RT: 10.79 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF106980.D
 Acq: 29 Jun 2018 18:27

Instrument :
 BNA_F
 ClientSampleId :
 93-95-B3(10-15)

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.0	115.6
141	22.7	29.9	44.9#

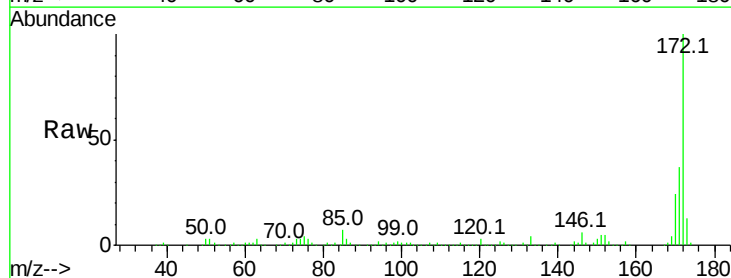


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

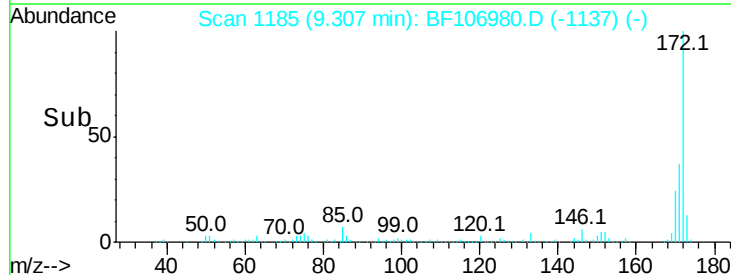
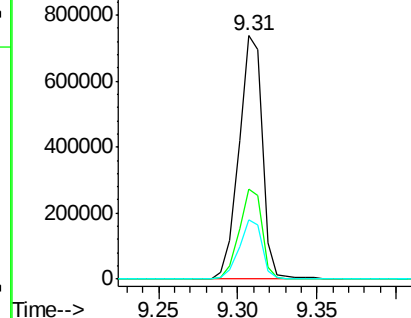


#44
 2-Fluorobiphenyl
 Concen: 99.103 ng
 RT: 9.31 min Scan# 1185
 Delta R.T. -0.02 min
 Lab File: BF106980.D
 Acq: 29 Jun 2018 18:27

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.7	44.5
170	24.4	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: 11.480 ng

RT: 9.70 min Scan# 1252

Delta R.T. -0.02 min

Lab File: BF106980.D

Acq: 29 Jun 2018 18:27

Instrument :

BNA_F

ClientSampleId :

93-95-B3(10-15)

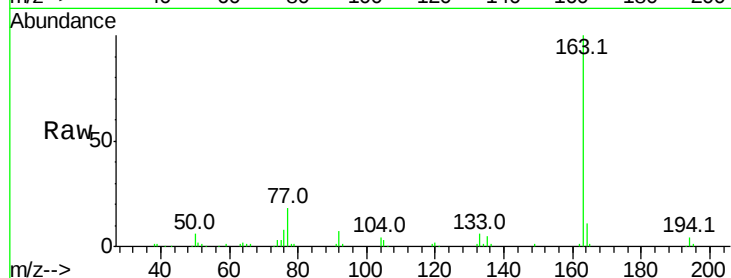
Tot Ion:163 Resp: 113899

Ion Ratio Lower Upper

163 100

194 3.6 2.7 4.1

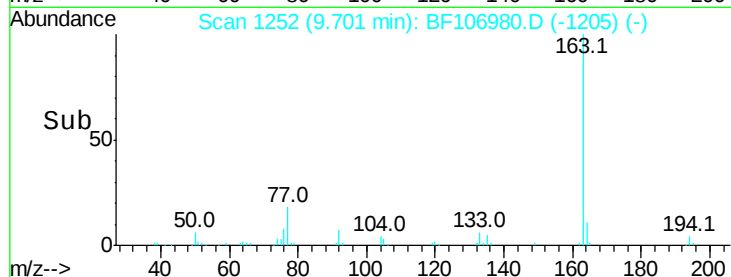
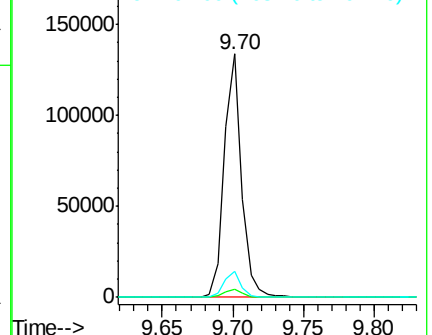
164 10.7 8.2 12.2



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: 11.48 min Scan# 1555

Delta R.T. -0.02 min

Lab File: BF106980.D

Acq: 29 Jun 2018 18:27

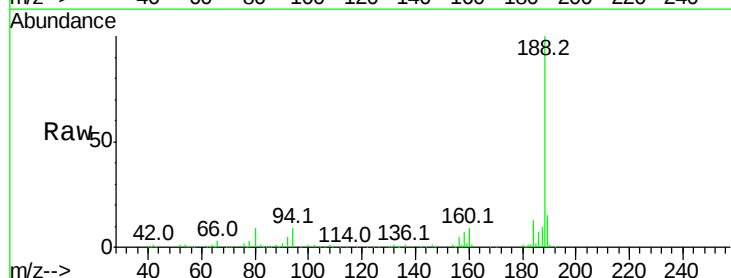
Tgt Ion:188 Resp: 230932

Ion Ratio Lower Upper

188 100

94 9.3 8.5 12.7

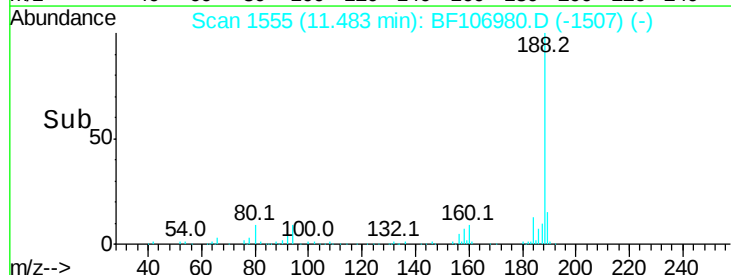
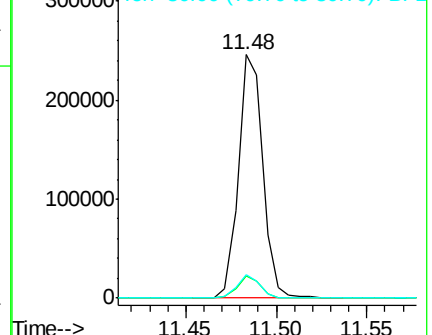
80 9.4 9.2 13.8

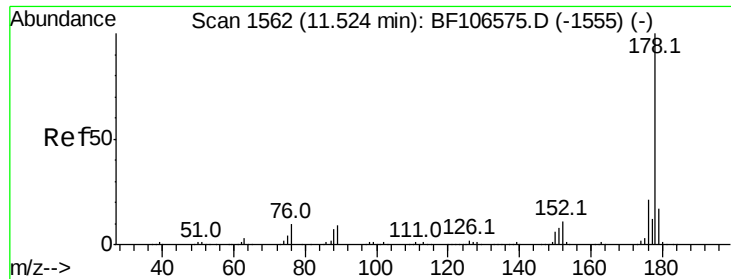


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#70

Phenanthrene

Concen: 2.322 ng

RT: 11.51 min Scan# 1559

Delta R.T. -0.02 min

Lab File: BF106980.D

Acq: 29 Jun 2018 18:27

Instrument :

BNA_F

ClientSampleId :

93-95-B3(10-15)

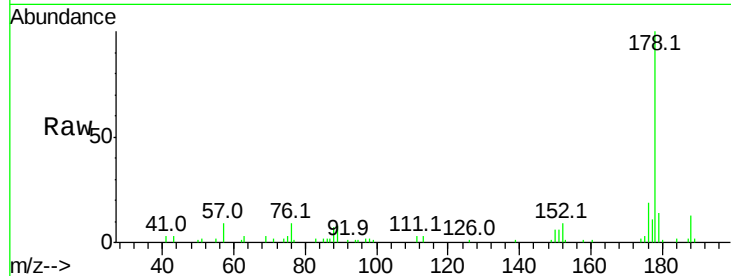
Tot Ion:178 Resp: 25858

Ion Ratio Lower Upper

178 100

176 19.0 15.8 23.8

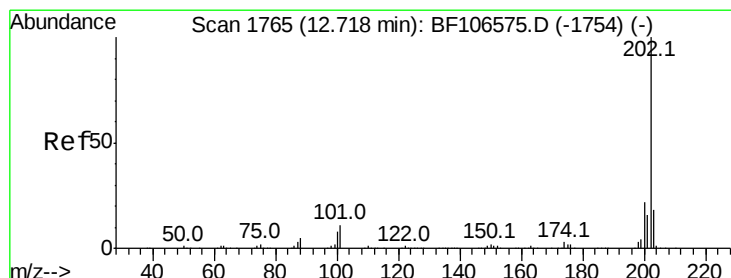
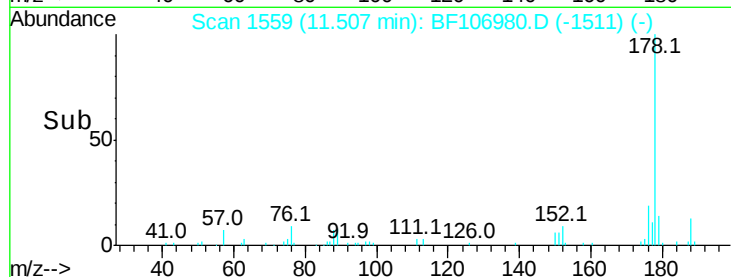
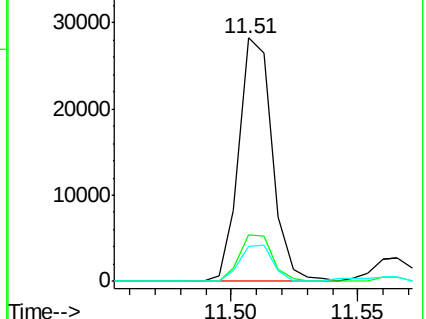
179 14.5 13.0 19.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#74

Fluoranthene

Concen: 2.748 ng

RT: 12.71 min Scan# 1763

Delta R.T. -0.01 min

Lab File: BF106980.D

Acq: 29 Jun 2018 18:27

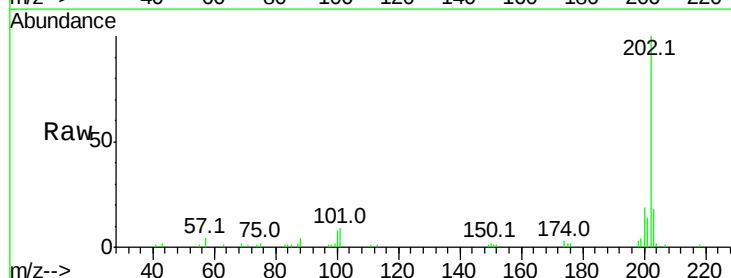
Tgt Ion:202 Resp: 33735

Ion Ratio Lower Upper

202 100

101 9.1 0.0 34.1

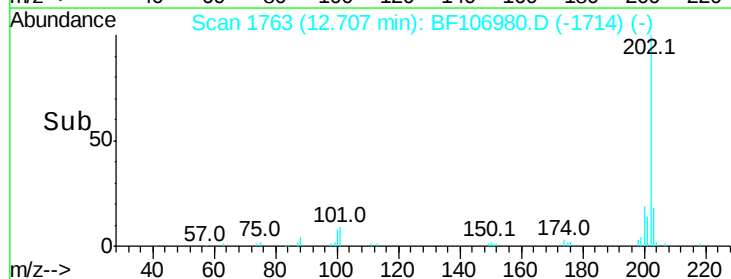
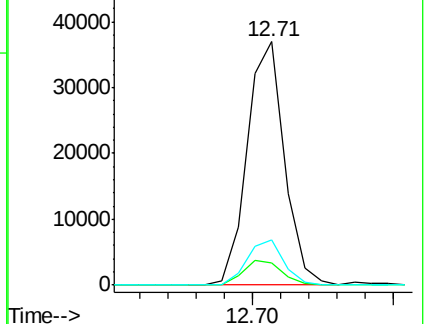
203 18.4 0.0 38.1

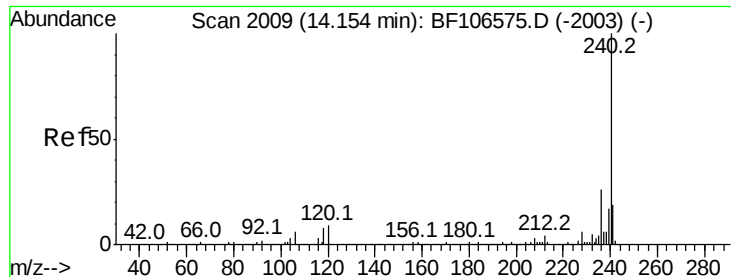


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.14 min Scan# 2007

Delta R.T. -0.02 min

Lab File: BF106980.D

Acq: 29 Jun 2018 18:27

Instrument :

BNA_F

ClientSampleId :

93-95-B3(10-15)

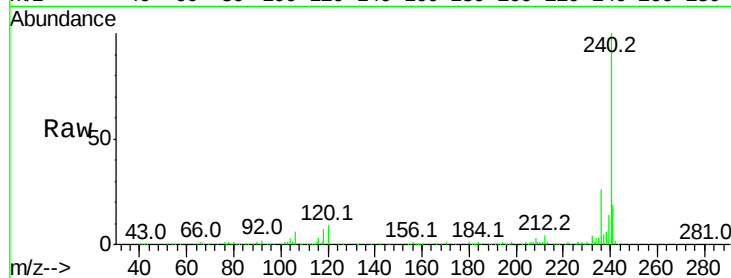
Tot Ion:240 Resp: 217884

Ion Ratio Lower Upper

240 100

120 8.7 9.5 14.3#

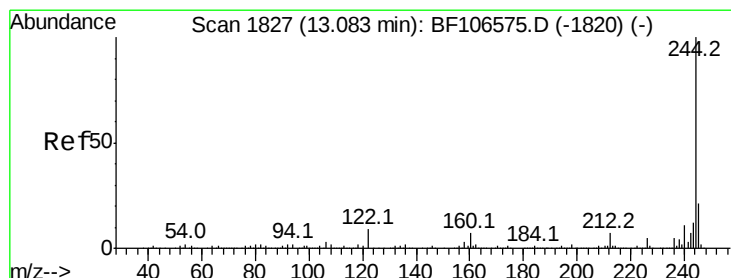
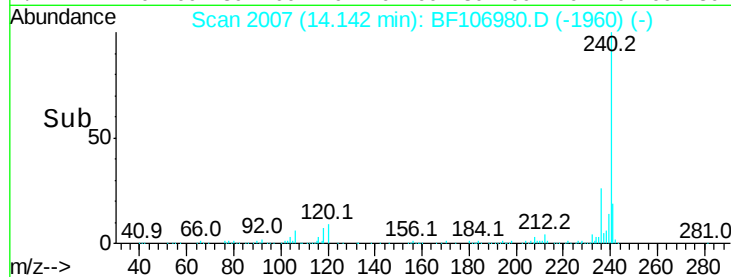
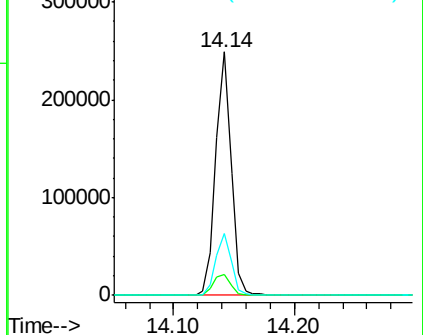
236 25.6 20.7 31.1



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: 82.373 ng

RT: 13.07 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF106980.D

Acq: 29 Jun 2018 18:27

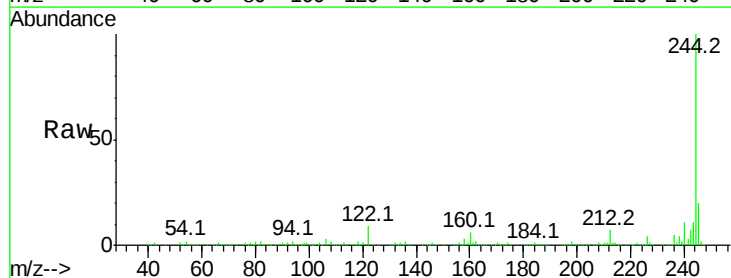
Tgt Ion:244 Resp: 740939

Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.0

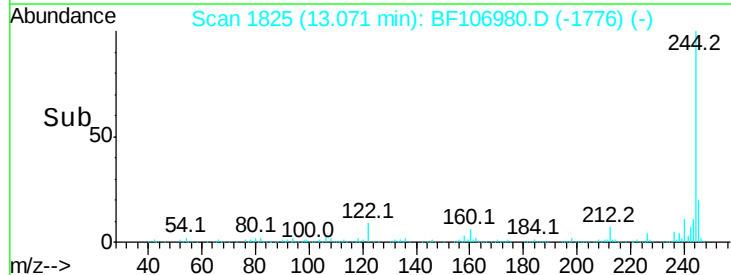
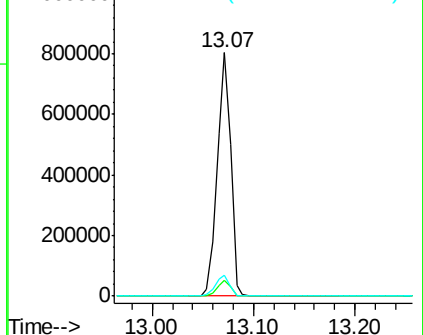
122 8.8 11.0 16.4#

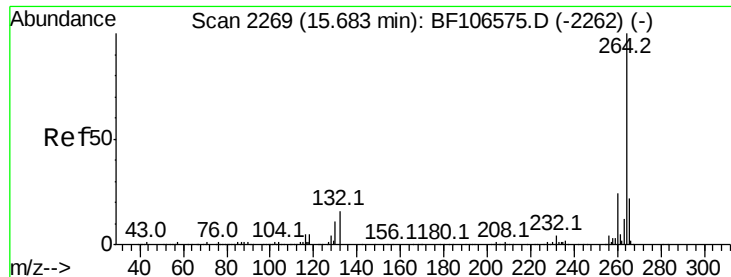


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

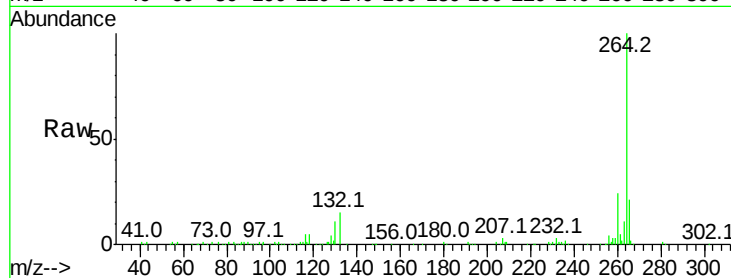




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.68 min Scan# 2269
Delta R.T. -0.04 min
Lab File: BF106980.D
Acq: 29 Jun 2018 18:27

Instrument :
BNA_F
ClientSampleId :
93-95-B3(10-15)

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	21.0	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

