

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062918\
 Data File : BF106978.D
 Acq On : 29 Jun 2018 17:33
 Operator : JU/SJ
 Sample : J3677-03
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 93-95-B2(0-2.5)

Quant Time: Jun 29 18:58:26 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 11:40:02 2018
 Response via : Initial Calibration

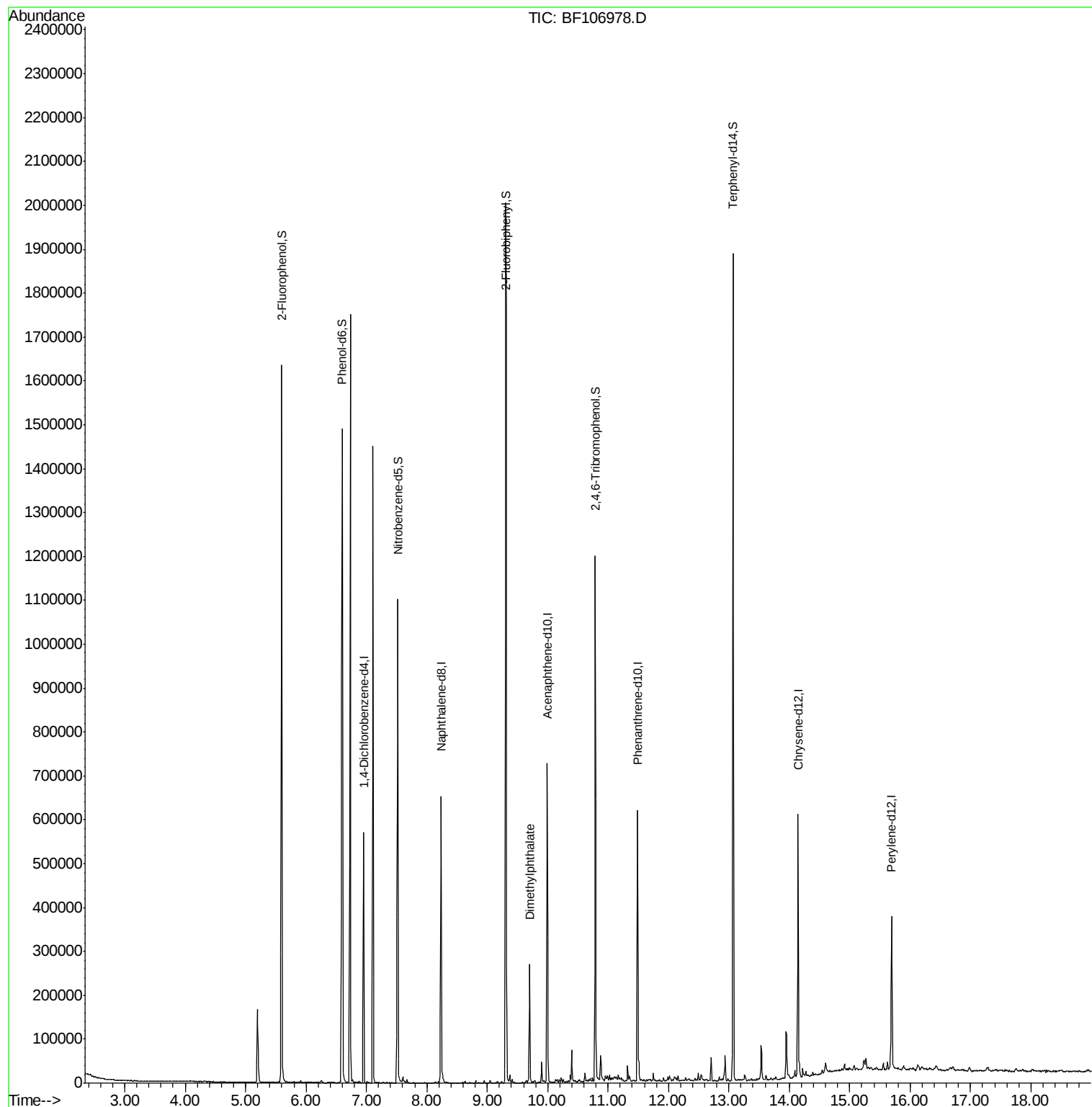
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	84422	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	314276	20.00	ng	-0.01
38) Acenaphthene-d10	10.00	164	143828	20.00	ng	-0.01
63) Phenanthrene-d10	11.49	188	241954	20.00	ng	-0.01
75) Chrysene-d12	14.15	240	230644	20.00	ng	-0.02
86) Perylene-d12	15.69	264	182747	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	481262	96.53	ng	0.00
7) Phenol-d6	6.60	99	606690	97.44	ng	-0.01
23) Nitrobenzene-d5	7.52	82	381030	67.38	ng	-0.02
41) 2,4,6-Tribromophenol	10.79	330	172067	103.22	ng	-0.01
44) 2-Fluorobiphenyl	9.31	172	694550	81.05	ng	-0.02
78) Terphenyl-d14	13.07	244	688669	72.33	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	9.70	163	106211	9.846	ng	98

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

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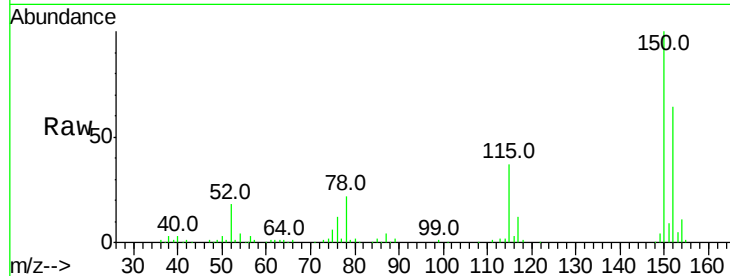


#1

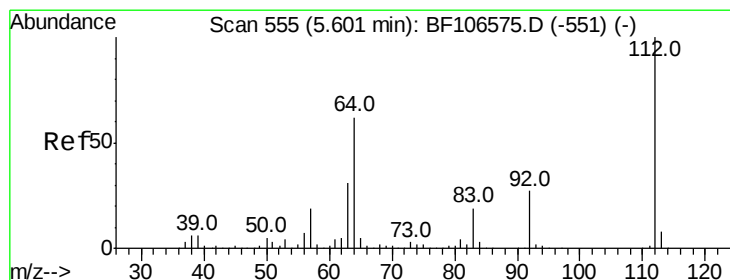
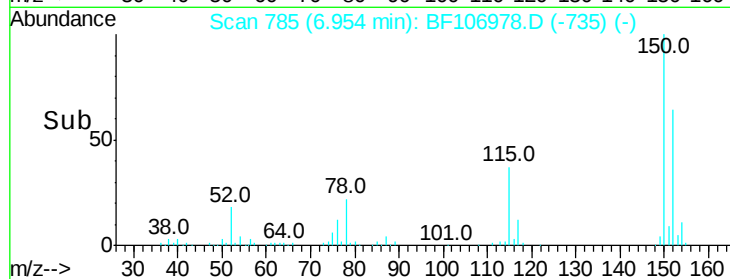
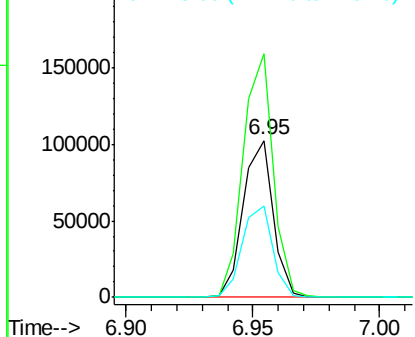
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF106978.D
Acq: 29 Jun 2018 17:33

Instrument :
BNA_F
ClientSampleId :
93-95-B2(0-2.5)

Tot Ion:152 Resp: 84422
Ion Ratio Lower Upper
152 100
150 155.2 124.6 186.8
115 58.0 50.1 75.1



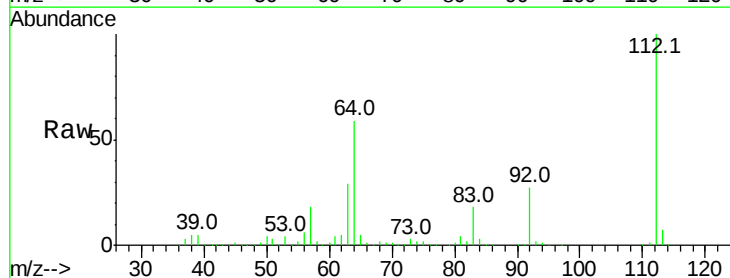
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



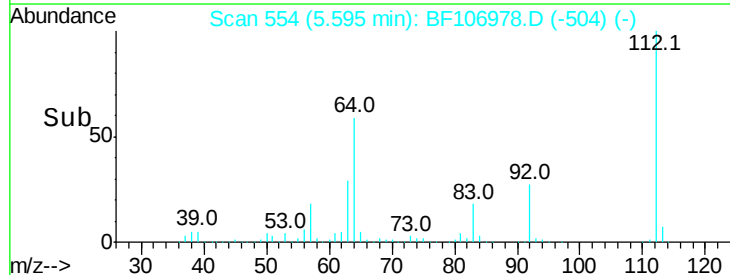
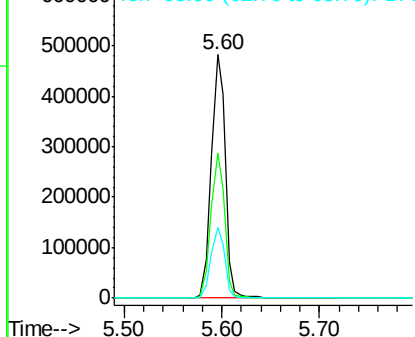
#5

2-Fluorophenol
Concen: 96.530 ng
RT: 5.60 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF106978.D
Acq: 29 Jun 2018 17:33

Tgt Ion:112 Resp: 481262
Ion Ratio Lower Upper
112 100
64 59.5 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: 97.444 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF106978.D

Acq: 29 Jun 2018 17:33

Instrument :

BNA_F

ClientSampleId :

93-95-B2(0-2.5)

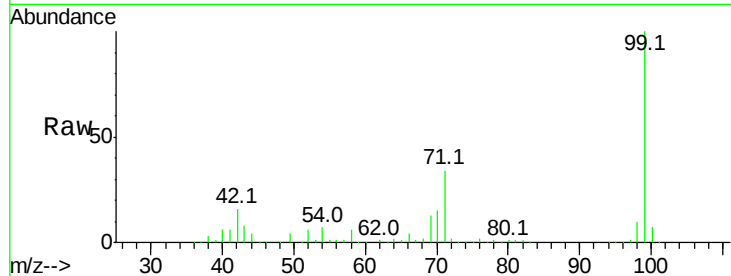
Tot Ion: 99 Resp: 606690

Ion Ratio Lower Upper

99 100

42 15.8 14.5 21.7

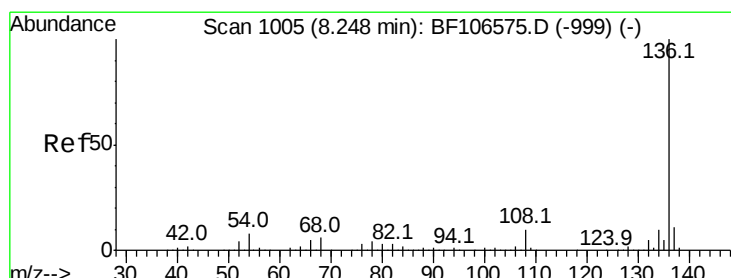
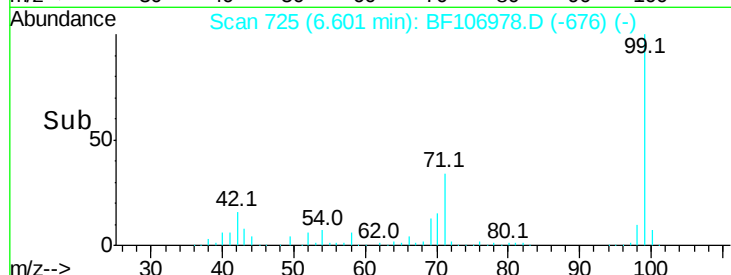
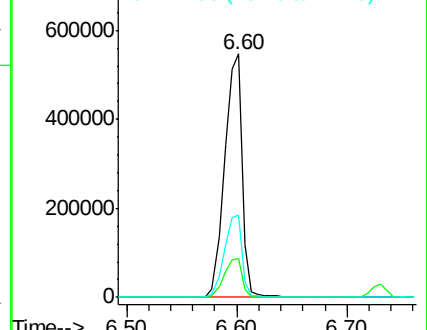
71 33.9 25.4 38.0



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: 20.000 ng

RT: 8.24 min Scan# 1003

Delta R.T. -0.01 min

Lab File: BF106978.D

Acq: 29 Jun 2018 17:33

Tgt Ion: 136 Resp: 314276

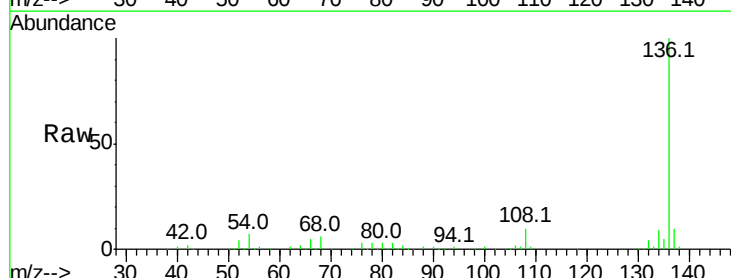
Ion Ratio Lower Upper

136 100

137 10.4 8.9 13.3

54 7.1 6.6 9.8

68 5.7 5.0 7.4

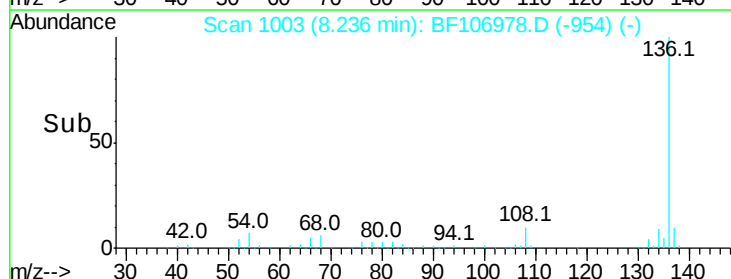
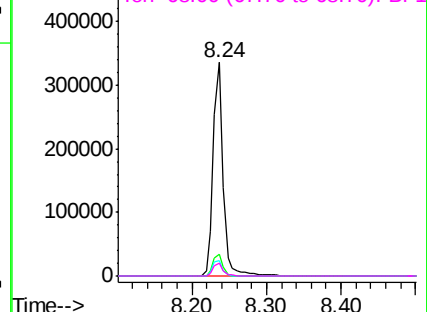


Abundance Ion 136.00 (135.70 to 136.70): E

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

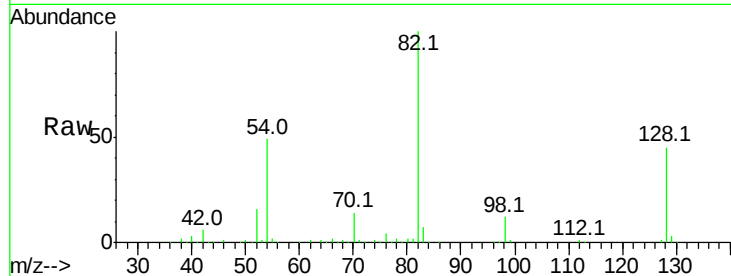




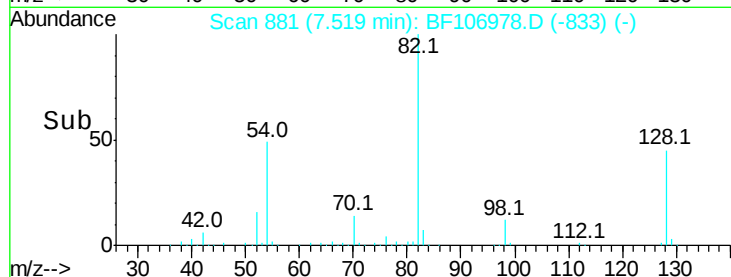
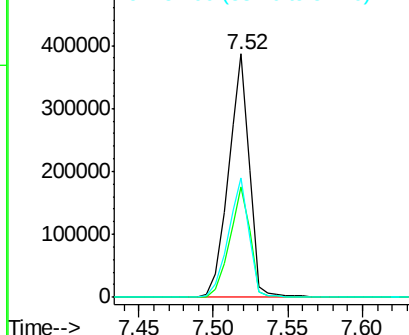
#23
 Nitrobenzene-d5
 Concen: 67.378 ng
 RT: 7.52 min Scan# 881
 Delta R.T. -0.02 min
 Lab File: BF106978.D
 Acq: 29 Jun 2018 17:33

Instrument :
 BNA_F
 ClientSampleId :
 93-95-B2(0-2.5)

Tot Ion	82	Resp	381030
Ion Ratio	Lower	Upper	
82	100		
128	45.2	36.1	54.1
54	49.2	41.4	62.2

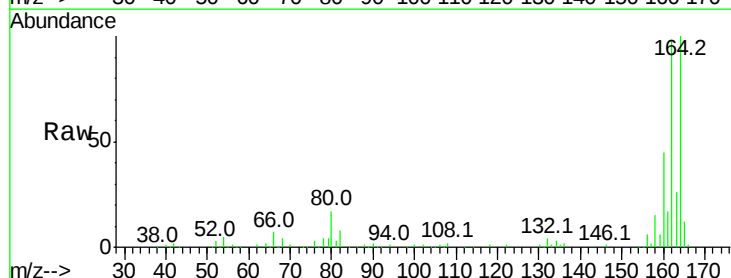


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

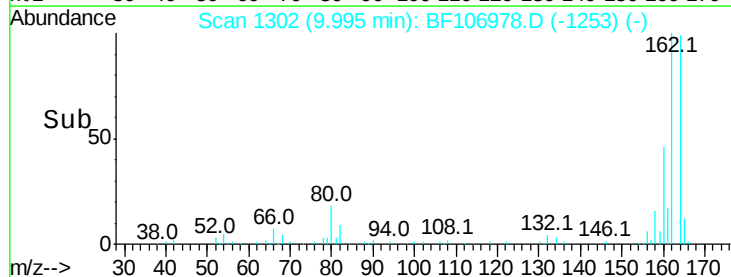
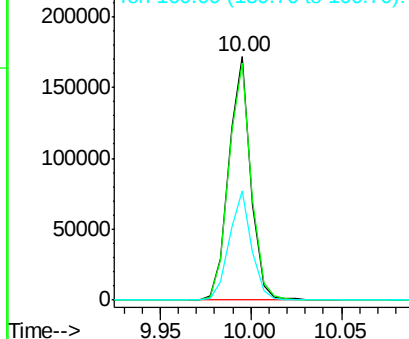


#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.00 min Scan# 1302
 Delta R.T. -0.01 min
 Lab File: BF106978.D
 Acq: 29 Jun 2018 17:33

Tgt Ion	164	Resp	143828
Ion Ratio	Lower	Upper	
164	100		
162	97.6	86.1	129.1
160	44.9	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

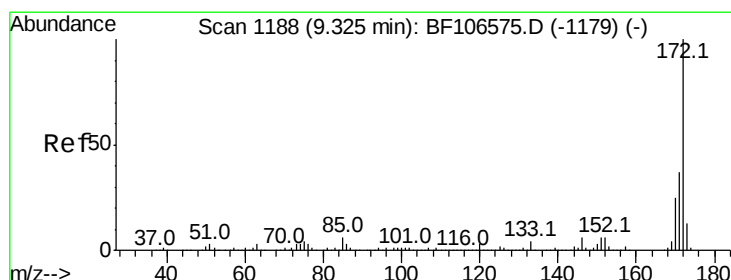
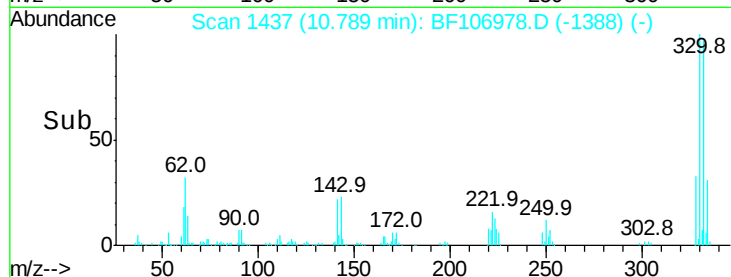
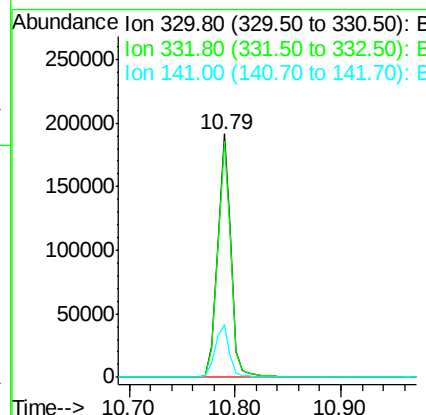
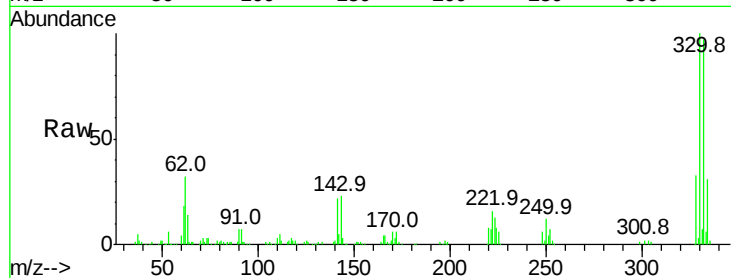




#41
 2,4,6-Tribromophenol
 Concen: 103.219 ng
 RT: 10.79 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF106978.D
 Acq: 29 Jun 2018 17:33

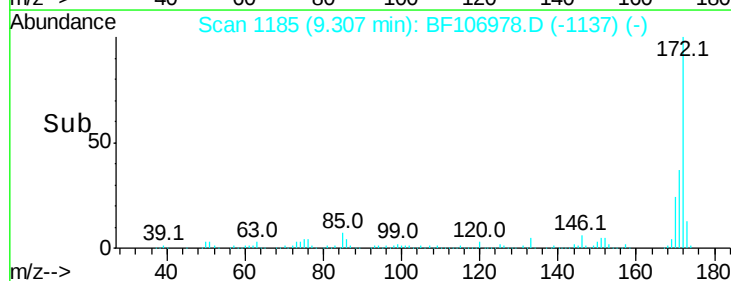
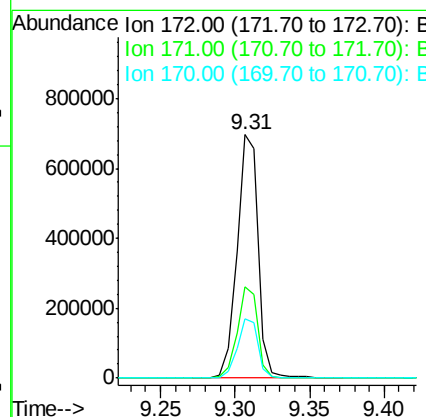
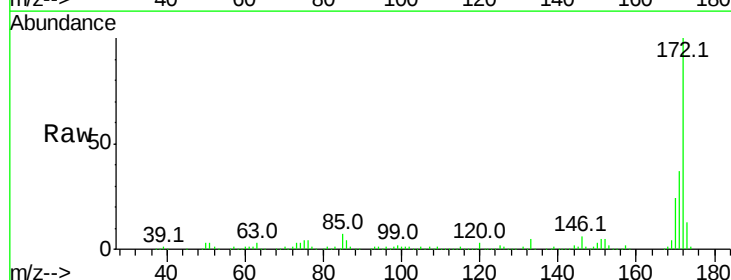
Instrument :
 BNA_F
 ClientSampleId :
 93-95-B2(0-2.5)

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.0	115.6
141	23.0	29.9	44.9#



#44
 2-Fluorobiphenyl
 Concen: 81.052 ng
 RT: 9.31 min Scan# 1185
 Delta R.T. -0.02 min
 Lab File: BF106978.D
 Acq: 29 Jun 2018 17:33

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.3	29.7	44.5
170	24.4	19.6	29.4





#49

Dimethylphthalate

Concen: 9.846 ng

RT: 9.70 min Scan# 1252

Delta R.T. -0.02 min

Lab File: BF106978.D

Acq: 29 Jun 2018 17:33

Instrument :

BNA_F

ClientSampleId :

93-95-B2(0-2.5)

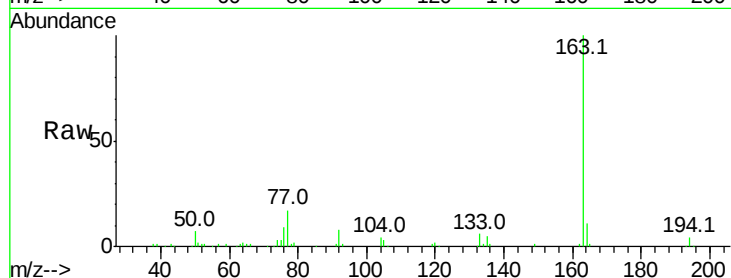
Tot Ion:163 Resp: 106211

Ion Ratio Lower Upper

163 100

194 3.5 2.7 4.1

164 11.1 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

9.70

150000

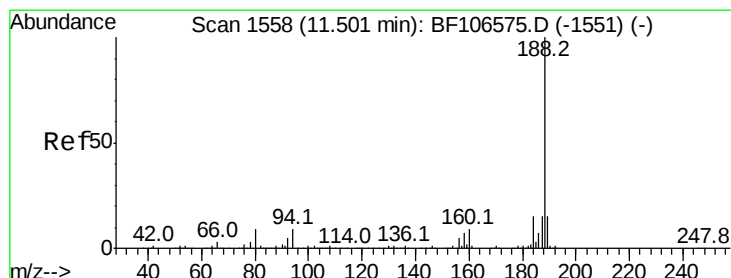
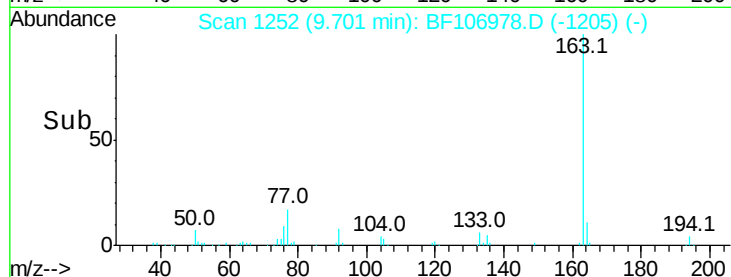
100000

50000

0

9.65 9.70 9.75 9.80

Time-->



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.49 min Scan# 1556

Delta R.T. -0.01 min

Lab File: BF106978.D

Acq: 29 Jun 2018 17:33

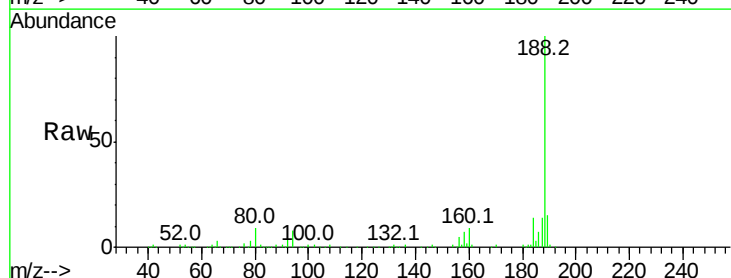
Tgt Ion:188 Resp: 241954

Ion Ratio Lower Upper

188 100

94 7.9 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

11.49

300000

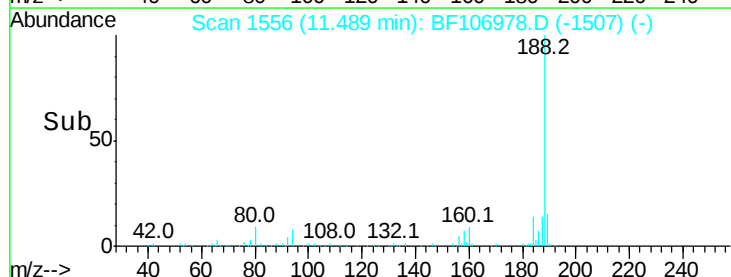
200000

100000

0

11.45 11.50 11.55

Time-->





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2008

Delta R.T. -0.02 min

Lab File: BF106978.D

Acq: 29 Jun 2018 17:33

Instrument :

BNA_F

ClientSampleId :

93-95-B2(0-2.5)

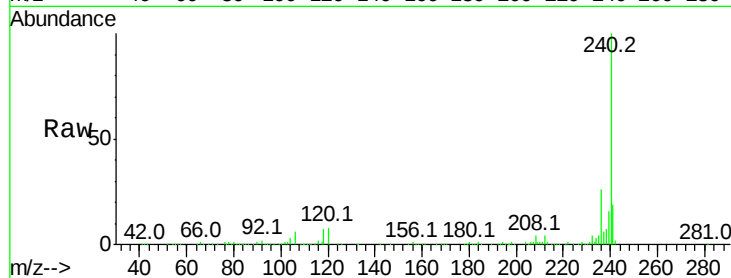
Tot Ion:240 Resp: 230644

Ion Ratio Lower Upper

240 100

120 8.2 9.5 14.3#

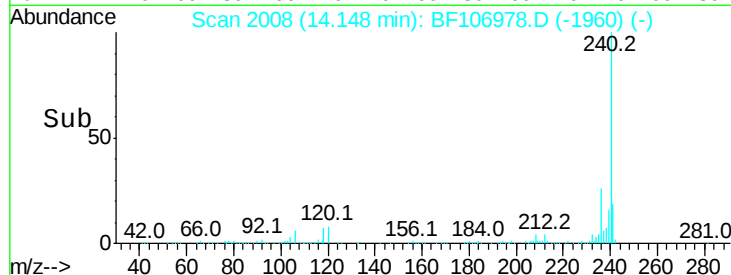
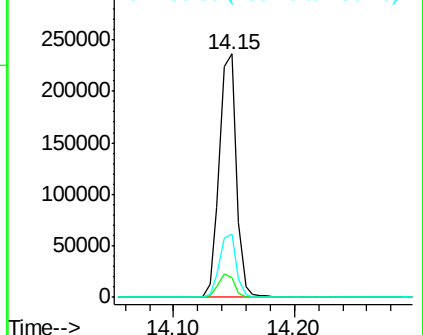
236 25.9 20.7 31.1



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: 72.326 ng

RT: 13.07 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF106978.D

Acq: 29 Jun 2018 17:33

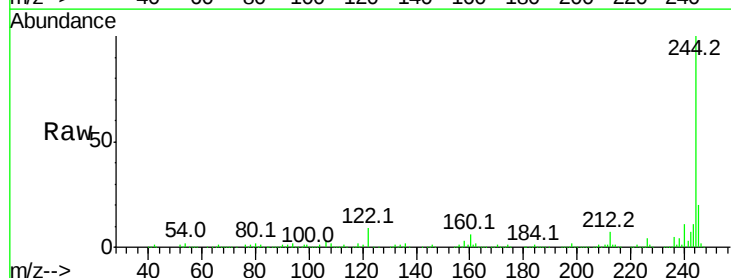
Tgt Ion:244 Resp: 688669

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

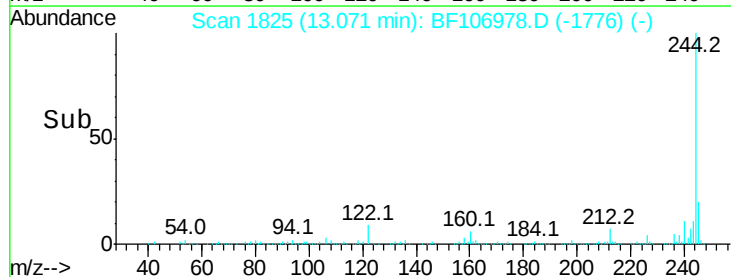
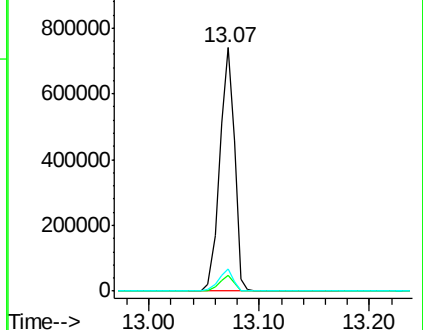
122 8.9 11.0 16.4#



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

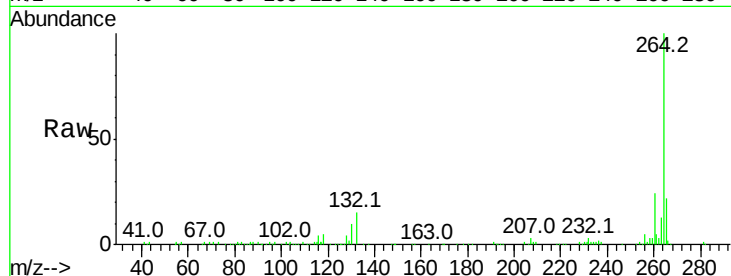




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.69 min Scan# 2271
 Delta R.T. -0.02 min
 Lab File: BF106978.D
 Acq: 29 Jun 2018 17:33

Instrument :
 BNA_F
 ClientSampleId :
 93-95-B2(0-2.5)

Tot Ion:264	Resp:	182747
Ion Ratio	Lower	Upper
264	100	
260	23.9	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

