

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040215\
 Data File : BF078211.D
 Acq On : 2 Apr 2015 20:41
 Operator : TP/IZ
 Sample : G1710-13
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-23

Quant Time: Apr 03 00:18:13 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 03 00:57:15 2015
 Response via : Initial Calibration

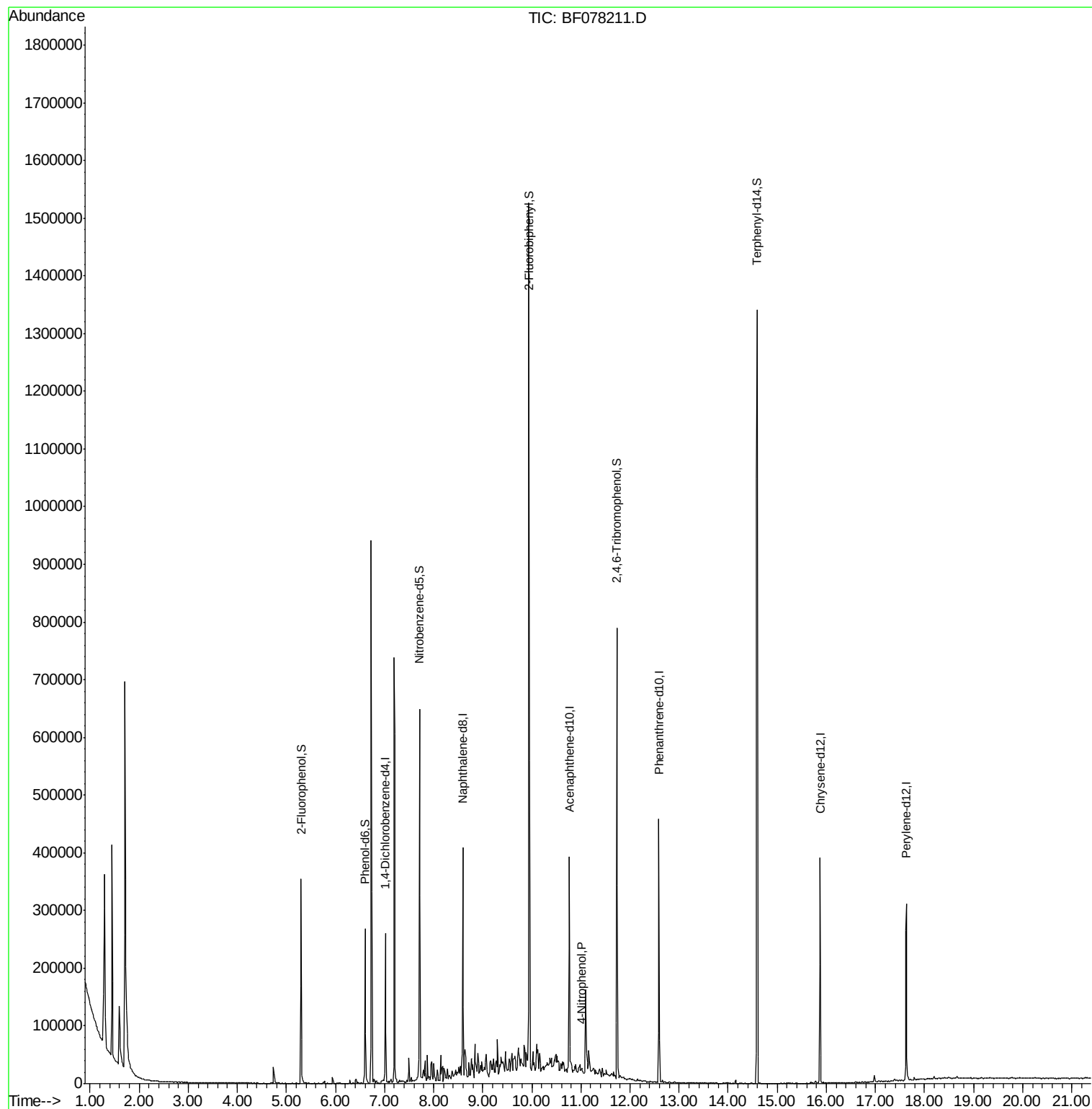
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.01	152	42570	20.00	ng	0.00
21) Naphthalene-d8	8.59	136	176469	20.00	ng	0.00
38) Acenaphthene-d10	10.76	164	86415	20.00	ng	0.00
63) Phenanthrene-d10	12.59	188	172903	20.00	ng	0.00
75) Chrysene-d12	15.87	240	174908	20.00	ng	-0.01
86) Perylene-d12	17.63	264	168465	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	131531	50.94	ng	0.01
7) Phenol-d6	6.60	99	101979	31.52	ng	0.00
23) Nitrobenzene-d5	7.71	82	243504	83.64	ng	-0.01
41) 2,4,6-Tribromophenol	11.73	330	99284	138.53	ng	-0.01
44) 2-Fluorobiphenyl	9.94	172	518027	85.69	ng	0.00
78) Terphenyl-d14	14.59	244	609054	78.68	ng	0.00
Target Compounds						
55) 4-Nitrophenol	11.01	139	890	3.53	ng	Qvalue # 32

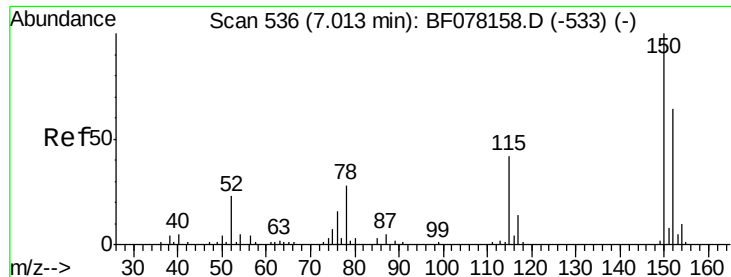
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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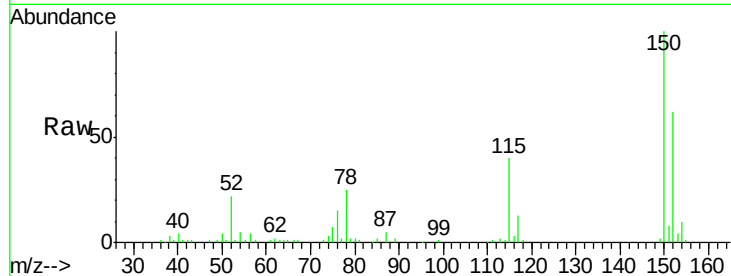


#1

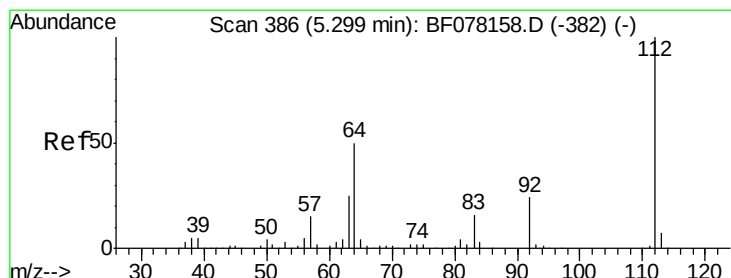
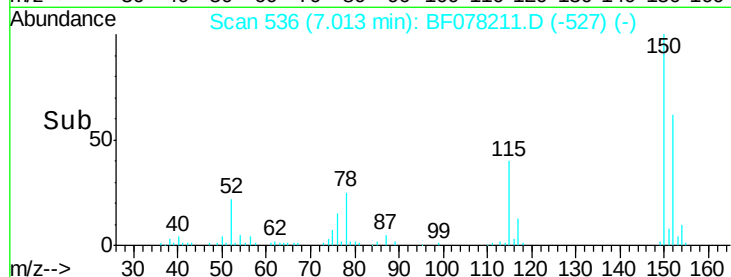
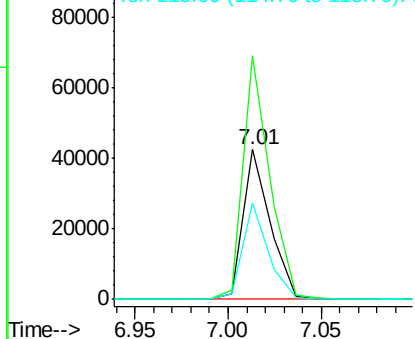
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.01 min Scan# 536
Delta R.T. 0.00 min
Lab File: BF078211.D
Acq: 2 Apr 2015 20:41

Instrument :
BNA_F
ClientSampleId :
W-23

Tgt Ion:152 Resp: 42570
Ion Ratio Lower Upper
152 100
150 162.2 125.9 188.9
115 64.5 52.7 79.1



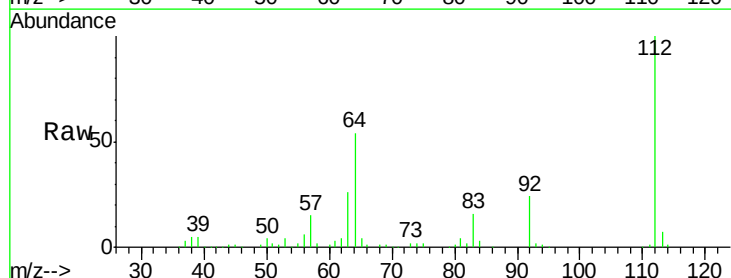
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



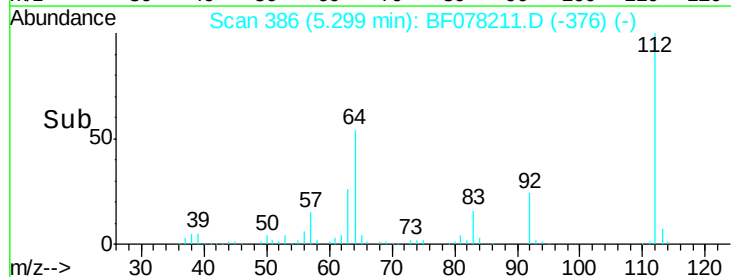
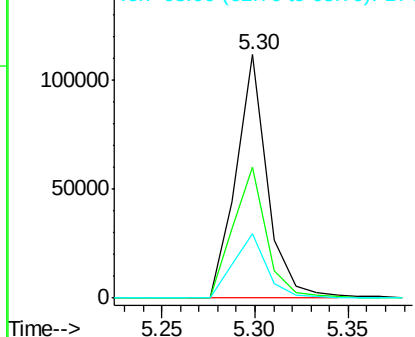
#5

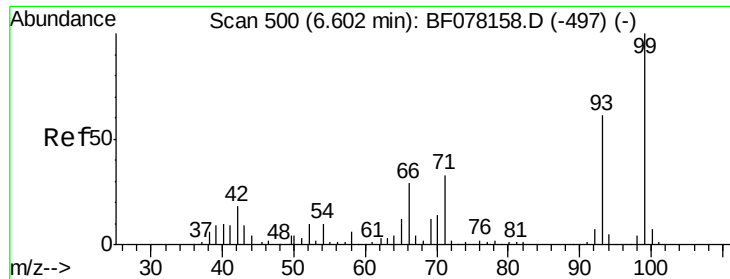
2-Fluorophenol
Concen: 50.94 ng
RT: 5.30 min Scan# 386
Delta R.T. 0.01 min
Lab File: BF078211.D
Acq: 2 Apr 2015 20:41

Tgt Ion:112 Resp: 131531
Ion Ratio Lower Upper
112 100
64 53.8 39.9 59.9
63 26.5 20.2 30.4



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 31.52 ng

RT: 6.60 min Scan# 500

Delta R.T. 0.00 min

Lab File: BF078211.D

Acq: 2 Apr 2015 20:41

Instrument :

BNA_F

ClientSampleId :

W-23

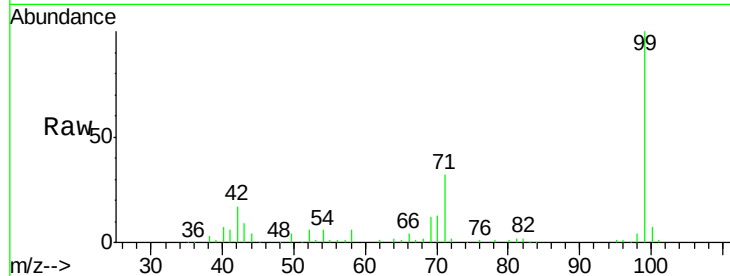
Tgt Ion: 99 Resp: 101979

Ion Ratio Lower Upper

99 100

42 17.0 14.8 22.2

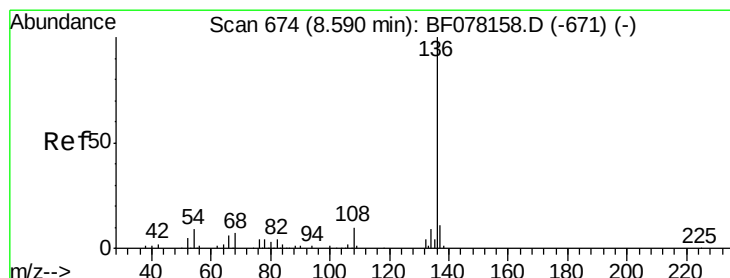
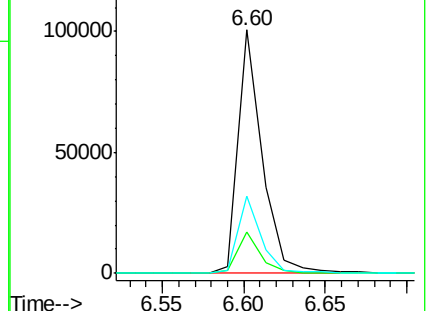
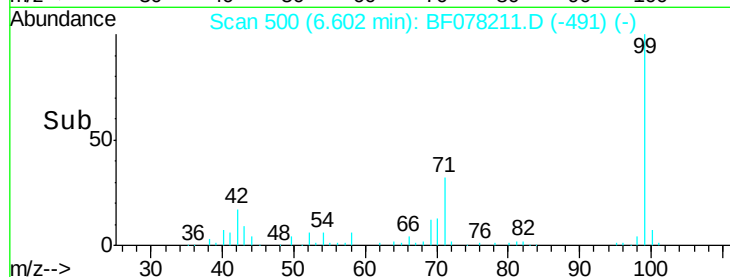
71 31.6 26.6 39.8



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.59 min Scan# 674

Delta R.T. 0.00 min

Lab File: BF078211.D

Acq: 2 Apr 2015 20:41

Tgt Ion: 136 Resp: 176469

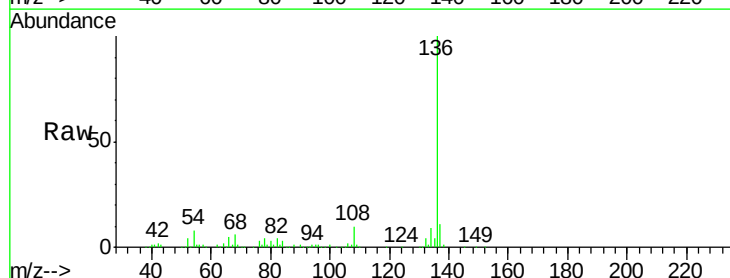
Ion Ratio Lower Upper

136 100

137 11.2 9.0 13.4

54 7.7 7.0 10.6

68 6.3 5.4 8.2

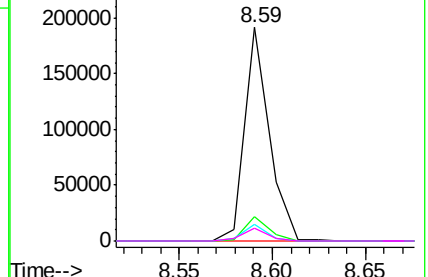
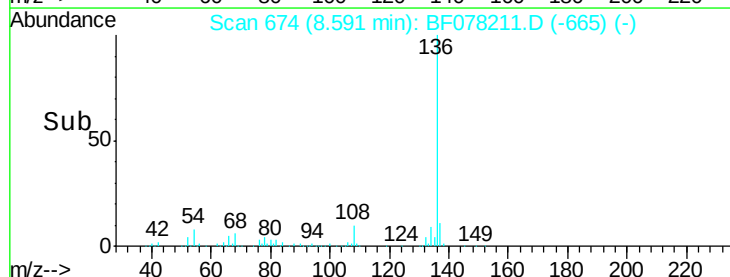


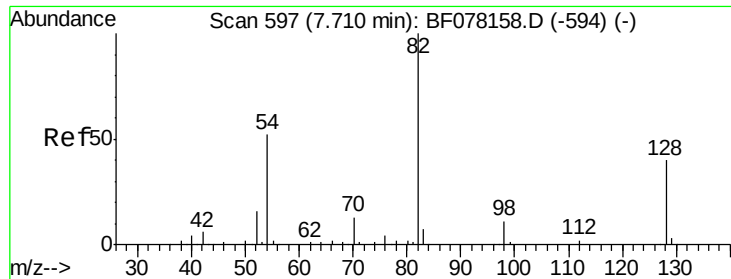
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

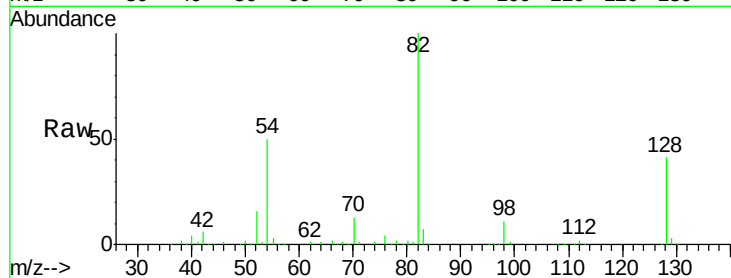




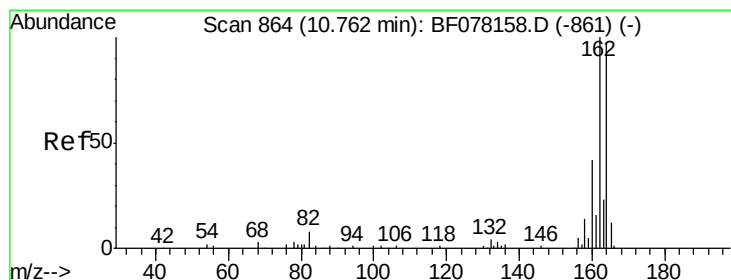
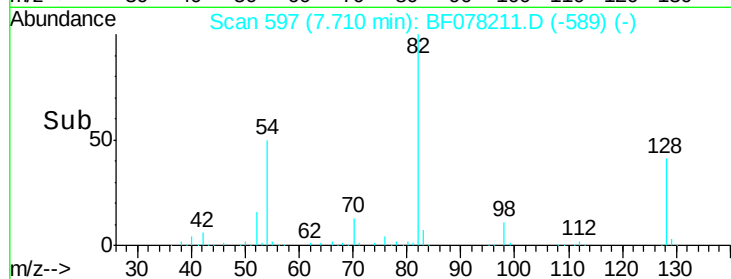
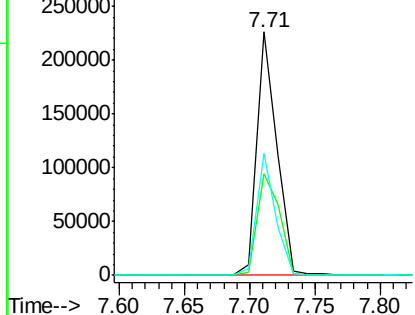
#23
 Nitrobenzene-d5
 Concen: 83.64 ng
 RT: 7.71 min Scan# 597
 Delta R.T. -0.01 min
 Lab File: BF078211.D
 Acq: 2 Apr 2015 20:41

Instrument :
 BNA_F
 ClientSampleId :
 W-23

Tgt Ion: 82 Resp: 243504
 Ion Ratio Lower Upper
 82 100
 128 41.5 31.8 47.8
 54 50.3 41.5 62.3

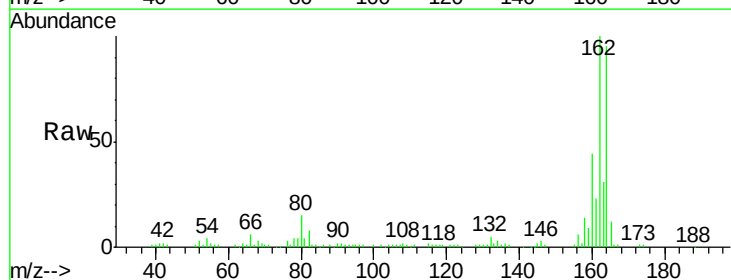


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

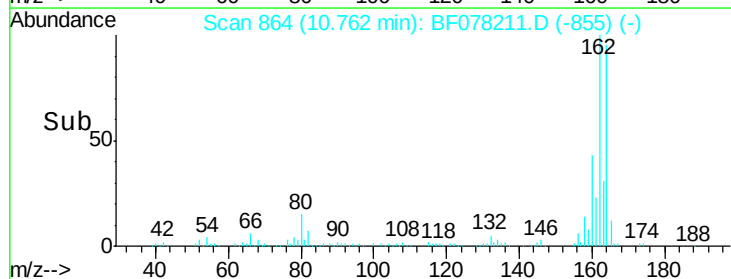
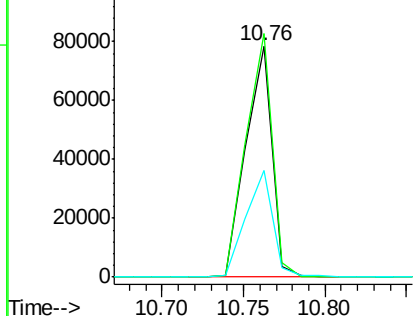


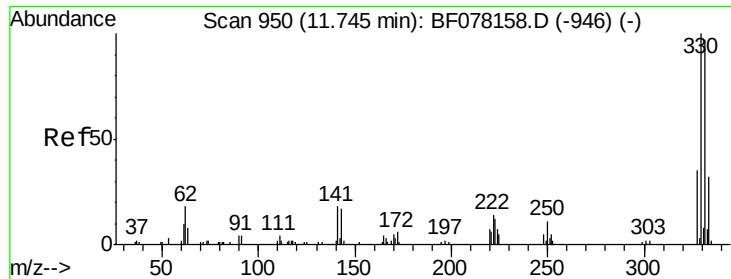
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.76 min Scan# 864
 Delta R.T. 0.00 min
 Lab File: BF078211.D
 Acq: 2 Apr 2015 20:41

Tgt Ion: 164 Resp: 86415
 Ion Ratio Lower Upper
 164 100
 162 105.3 82.2 123.2
 160 46.2 34.7 52.1



Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

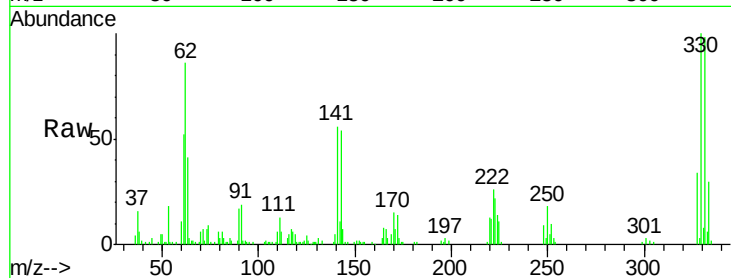




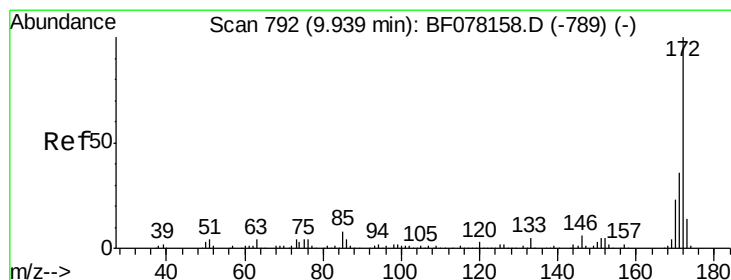
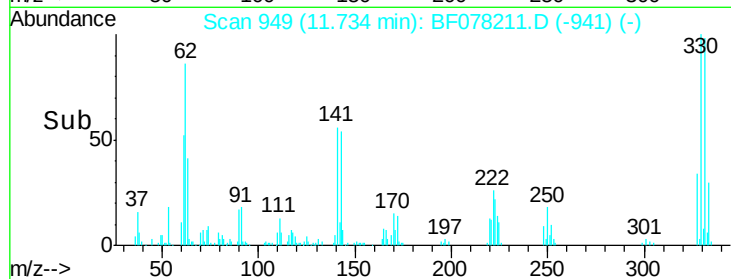
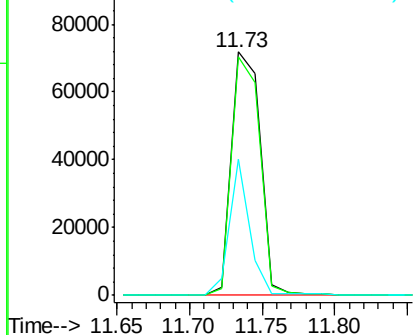
#41
 2,4,6-Tribromophenol
 Concen: 138.53 ng
 RT: 11.73 min Scan# 949
 Delta R.T. -0.01 min
 Lab File: BF078211.D
 Acq: 2 Apr 2015 20:41

Instrument :
 BNA_F
 ClientSampleId :
 W-23

Tgt Ion:330 Resp: 99284
 Ion Ratio Lower Upper
 330 100
 332 96.8 78.6 117.8
 141 39.6 31.2 46.8

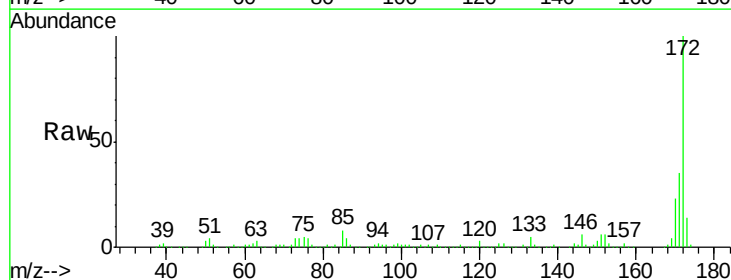


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

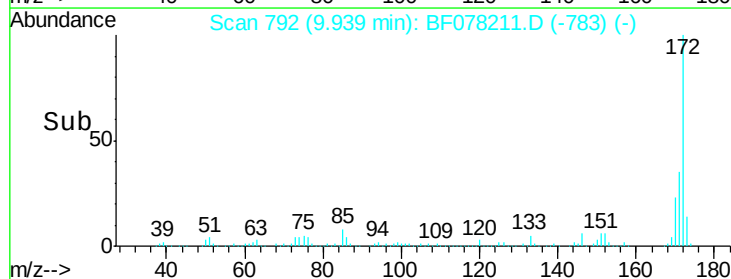
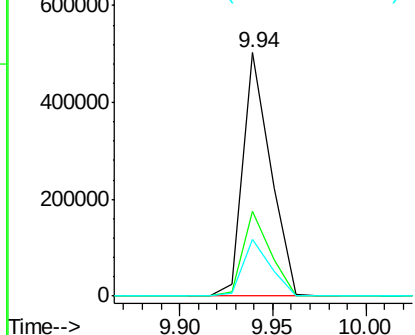


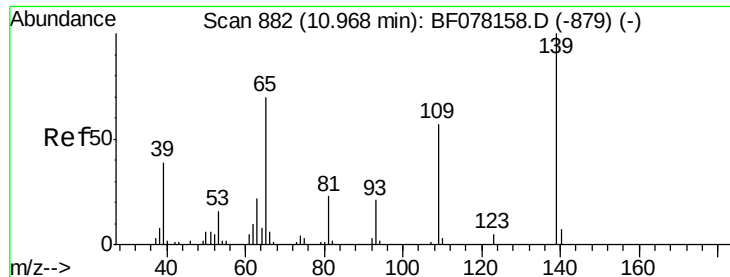
#44
 2-Fluorobiphenyl
 Concen: 85.69 ng
 RT: 9.94 min Scan# 792
 Delta R.T. 0.00 min
 Lab File: BF078211.D
 Acq: 2 Apr 2015 20:41

Tgt Ion:172 Resp: 518027
 Ion Ratio Lower Upper
 172 100
 171 35.1 28.6 42.8
 170 23.3 18.5 27.7



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





#55

4-Nitrophenol

Concen: 3.53 ng

RT: 11.01 min Scan# 886

Delta R.T. 0.05 min

Lab File: BF078211.D

Acq: 2 Apr 2015 20:41

Instrument :

BNA_F

ClientSampled :

W-23

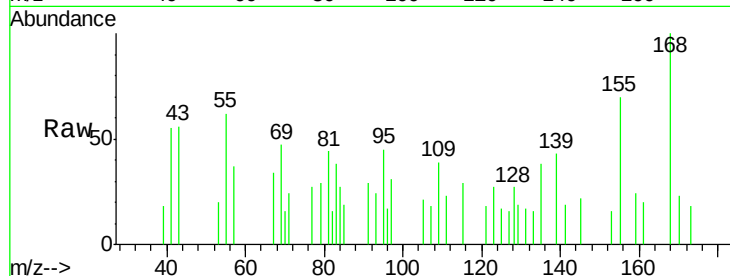
Tgt Ion:139 Resp: 890

Ion Ratio Lower Upper

139 100

109 90.7 36.7 76.7#

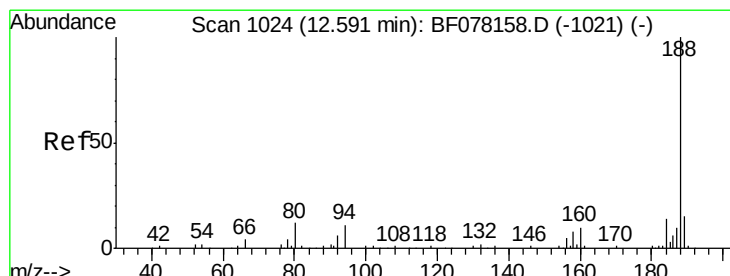
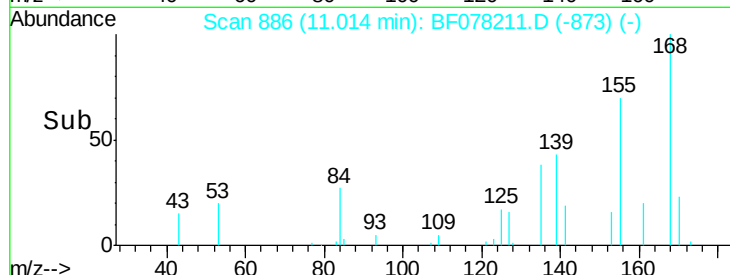
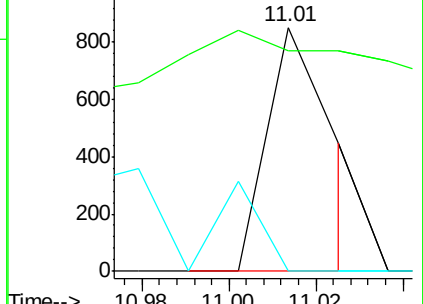
65 0.0 49.9 89.9#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 12.59 min Scan# 1024

Delta R.T. 0.00 min

Lab File: BF078211.D

Acq: 2 Apr 2015 20:41

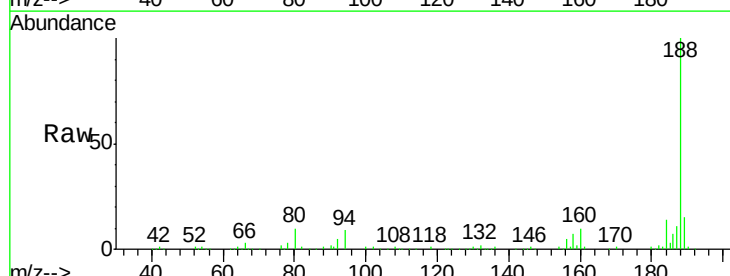
Tgt Ion:188 Resp: 172903

Ion Ratio Lower Upper

188 100

94 9.3 9.0 13.4

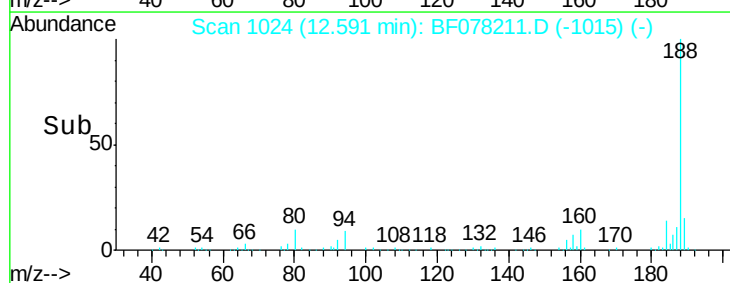
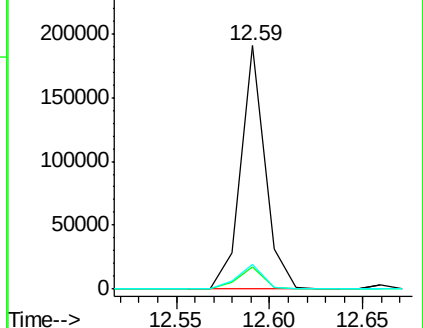
80 10.1 9.5 14.3

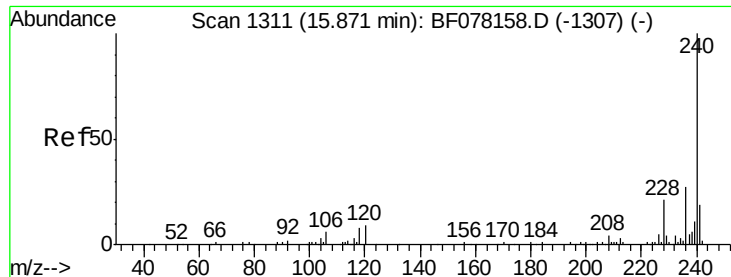


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 15.87 min Scan# 1311

Delta R.T. -0.01 min

Lab File: BF078211.D

Acq: 2 Apr 2015 20:41

Instrument :

BNA_F

ClientSampleId :

W-23

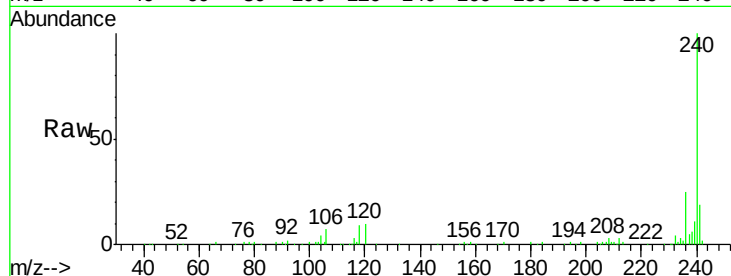
Tgt Ion:240 Resp: 174908

Ion Ratio Lower Upper

240 100

120 10.0 7.1 10.7

236 25.1 21.4 32.2



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

15.87

200000

150000

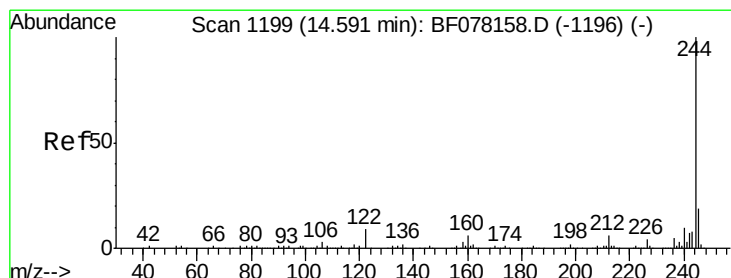
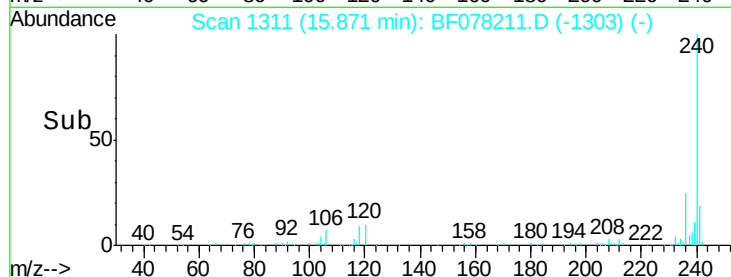
100000

50000

0

15.80 15.85 15.90 15.95

Time-->



#78

Terphenyl-d14

Concen: 78.68 ng

RT: 14.59 min Scan# 1199

Delta R.T. 0.00 min

Lab File: BF078211.D

Acq: 2 Apr 2015 20:41

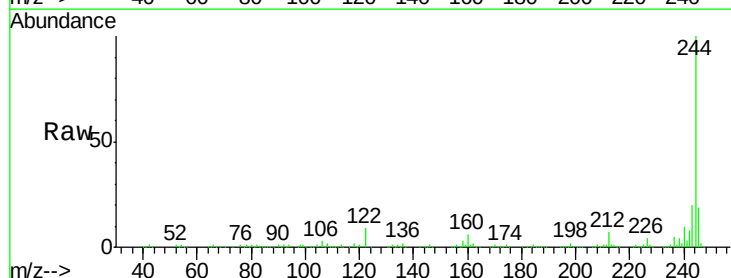
Tgt Ion:244 Resp: 609054

Ion Ratio Lower Upper

244 100

212 6.5 5.0 7.4

122 9.1 7.1 10.7



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

14.59

600000

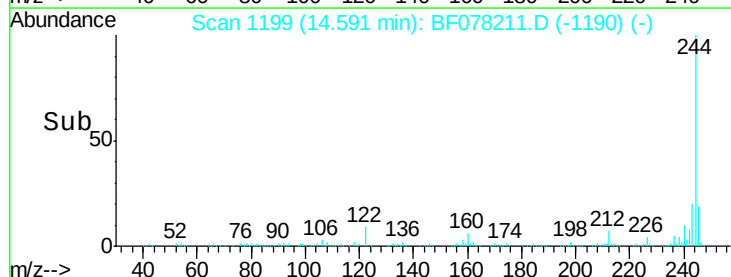
400000

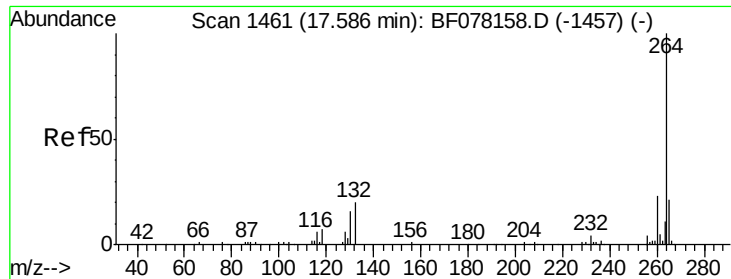
200000

0

14.50 14.55 14.60 14.65

Time-->

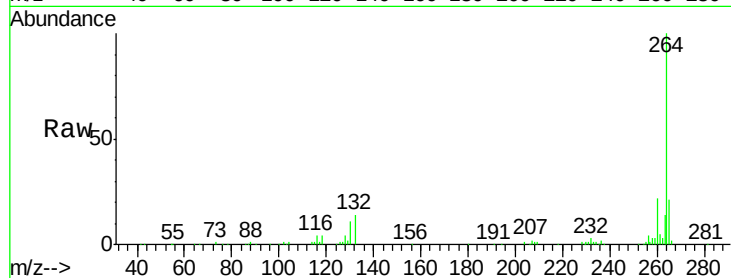




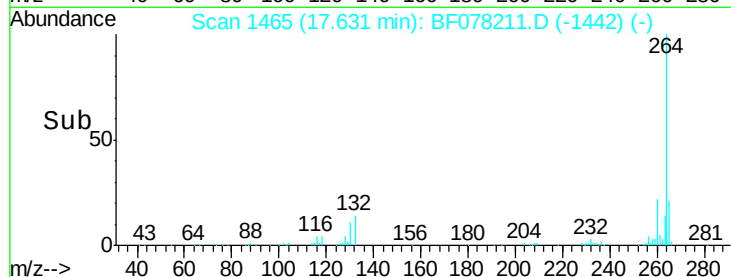
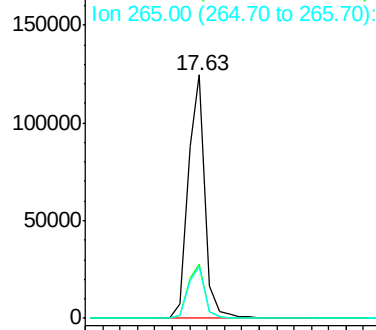
#86
Perylene-d12
Concen: 20.00 ng
RT: 17.63 min Scan# 1465
Delta R.T. -0.03 min
Lab File: BF078211.D
Acq: 2 Apr 2015 20:41

Instrument :
BNA_F
ClientSampleId :
W-23

Tgt Ion: 264 Resp: 168465
Ion Ratio Lower Upper
264 100
260 22.4 18.6 27.8
265 21.4 17.0 25.6



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



Time--> 17.50 17.60 17.70 17.80