

Data Path : Z:\HPCHEM1\BNA F\Data\BF012315\
 Data File : BF077038.D
 Acq On : 23 Jan 2015 15:29
 Operator : TP/IZ
 Sample : PB81496BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 23 22:23:45 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF011415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 23 15:21:24 2015
 Response via : Initial Calibration

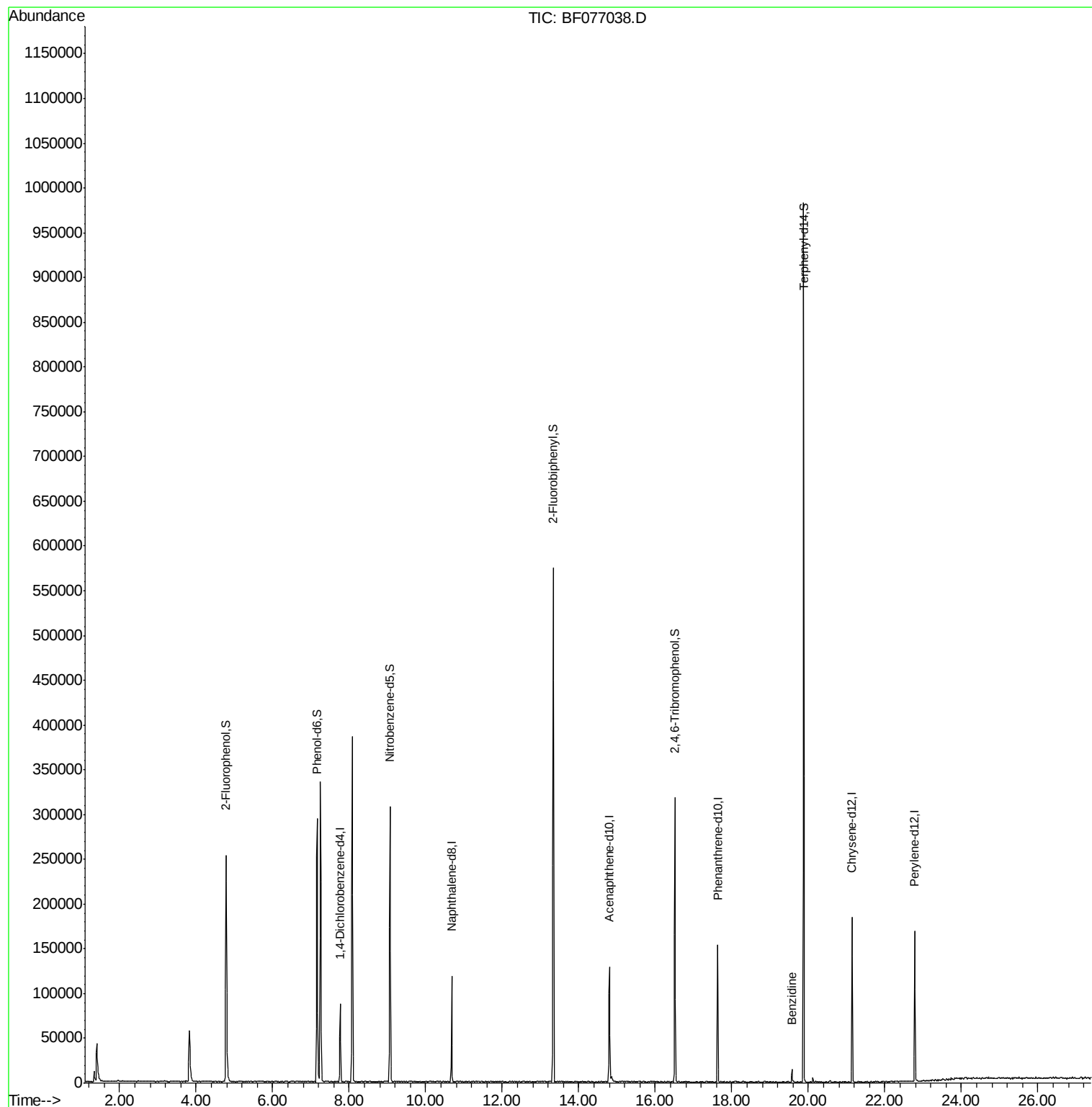
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	23607	20.00	ng	0.00
21) Naphthalene-d8	10.68	136	96398	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	53695	20.00	ng	0.00
63) Phenanthrene-d10	17.64	188	91568	20.00	ng	0.00
75) Chrysene-d12	21.13	240	96384	20.00	ng	-0.01
86) Perylene-d12	22.78	264	82844	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	4.78	112	144744	100.81	ng	0.00
7) Phenol-d6	7.17	99	179391	99.04	ng	0.00
23) Nitrobenzene-d5	9.06	82	158464	91.07	ng	-0.01
41) 2,4,6-Tribromophenol	16.52	330	45337	104.02	ng	-0.01
44) 2-Fluorobiphenyl	13.33	172	326568	92.55	ng	-0.01
78) Terphenyl-d14	19.88	244	370517	88.50	ng	0.00
Target Compounds						
76) Benzidine	19.57	184	11855	3.84	ng	Qvalue 100

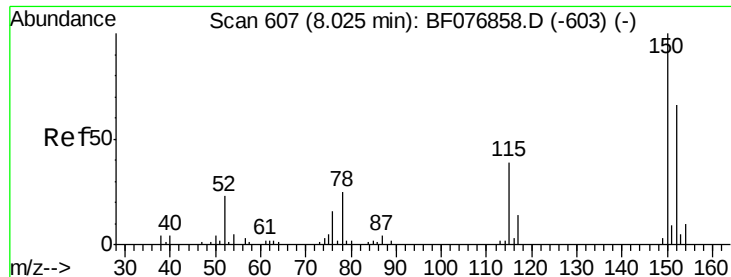
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\Data\BF012315\
Data File : BF077038.D
Acq On : 23 Jan 2015 15:29
Operator : TP/IZ
Sample : PB81496BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jan 23 22:23:45 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF011415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 23 15:21:24 2015
Response via : Initial Calibration



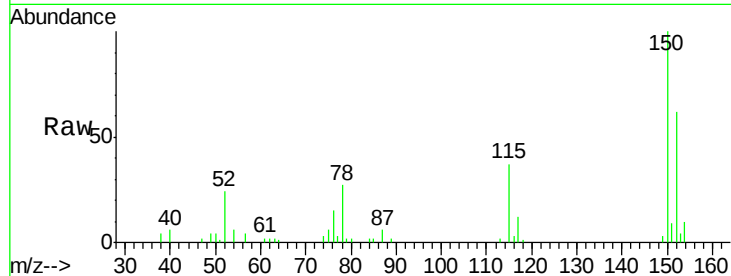


#1

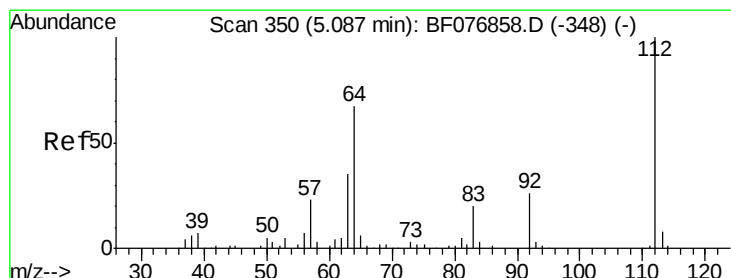
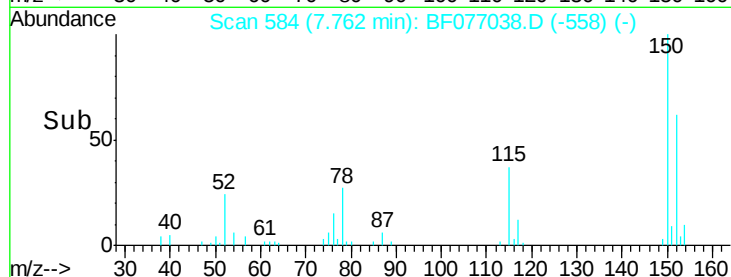
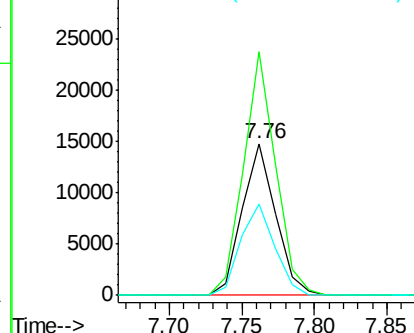
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.76 min Scan# 584
Delta R.T. 0.00 min
Lab File: BF077038.D
Acq: 23 Jan 2015 15:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 23607
Ion Ratio Lower Upper
152 100
150 160.7 121.7 182.5
115 60.2 47.0 70.6



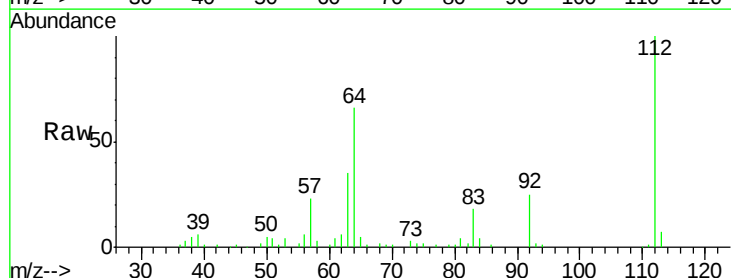
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



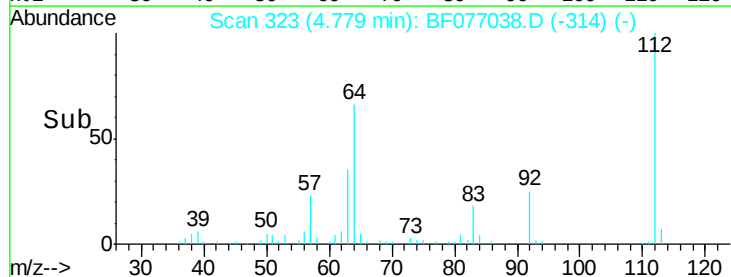
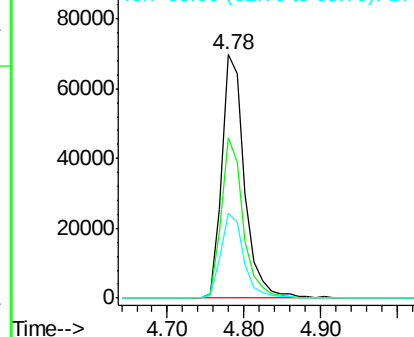
#5

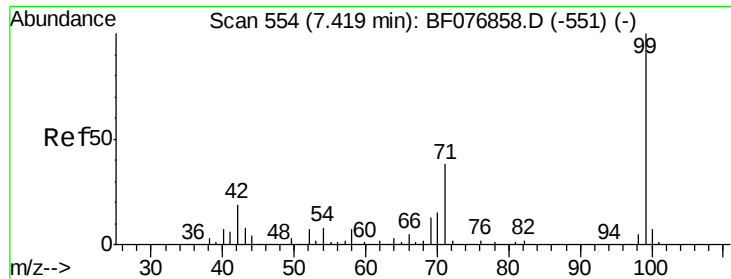
2-Fluorophenol
Concen: 100.81 ng
RT: 4.78 min Scan# 323
Delta R.T. 0.00 min
Lab File: BF077038.D
Acq: 23 Jan 2015 15:29

Tgt Ion:112 Resp: 144744
Ion Ratio Lower Upper
112 100
64 66.0 54.2 81.4
63 35.0 28.4 42.6



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: 99.04 ng

RT: 7.17 min Scan# 532

Delta R.T. 0.00 min

Lab File: BF077038.D

Acq: 23 Jan 2015 15:29

Instrument :

BNA_F

ClientSampled :

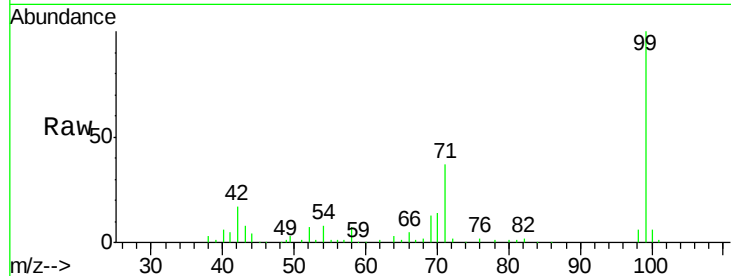
Tot Ion: 99 Resp: 179391

Ion Ratio Lower Upper

99 100

42 16.6 15.0 22.4

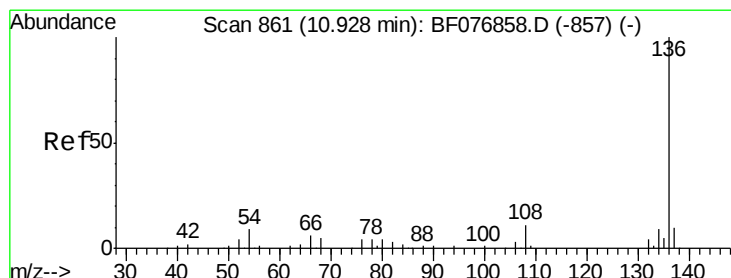
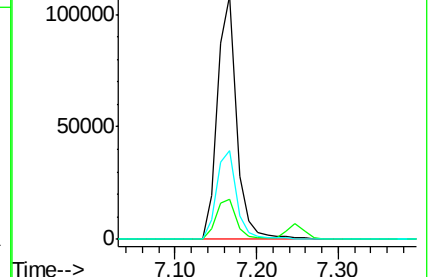
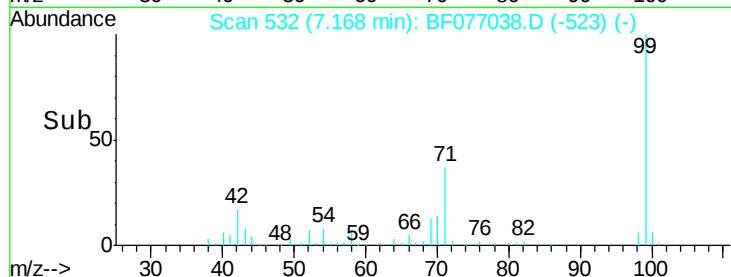
71 36.5 30.5 45.7



Abundance Ion 99.00 (98.70 to 99.70): BF076858.D (-551) (-)

Ion 42.00 (41.70 to 42.70): BF076858.D (-551) (-)

Ion 71.00 (70.70 to 71.70): BF076858.D (-551) (-)



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.68 min Scan# 839

Delta R.T. 0.00 min

Lab File: BF077038.D

Acq: 23 Jan 2015 15:29

Tgt Ion: 136 Resp: 96398

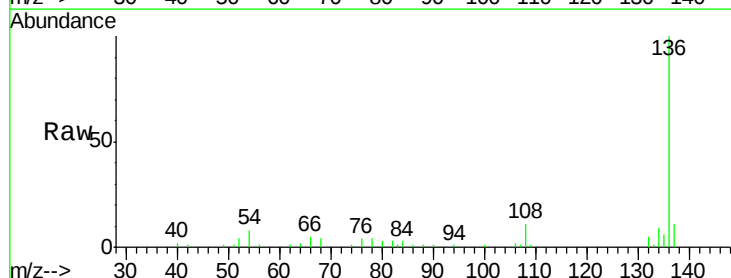
Ion Ratio Lower Upper

136 100

137 11.3 8.1 12.1

54 7.7 7.0 10.4

68 4.2 3.7 5.5

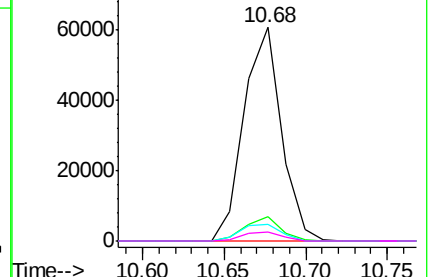
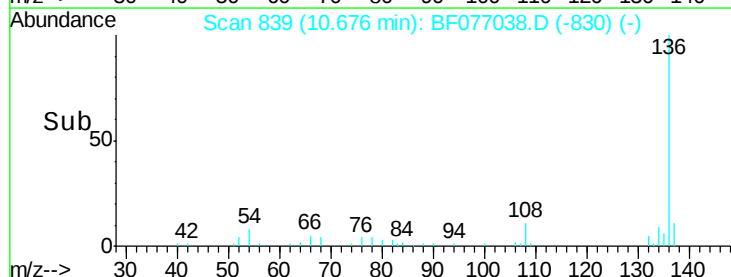


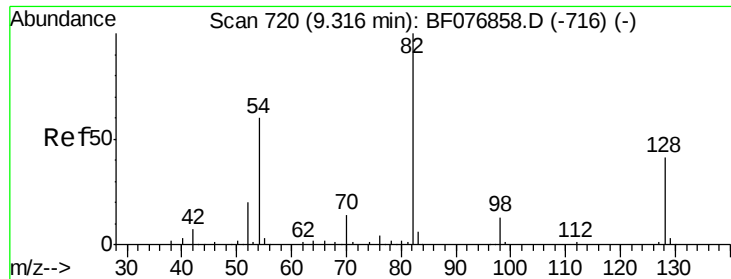
Abundance Ion 136.00 (135.70 to 136.70): BF076858.D (-857) (-)

Ion 137.00 (136.70 to 137.70): BF076858.D (-857) (-)

Ion 54.00 (53.70 to 54.70): BF076858.D (-857) (-)

Ion 68.00 (67.70 to 68.70): BF076858.D (-857) (-)

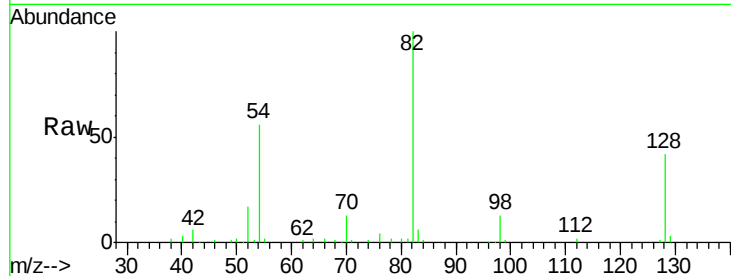




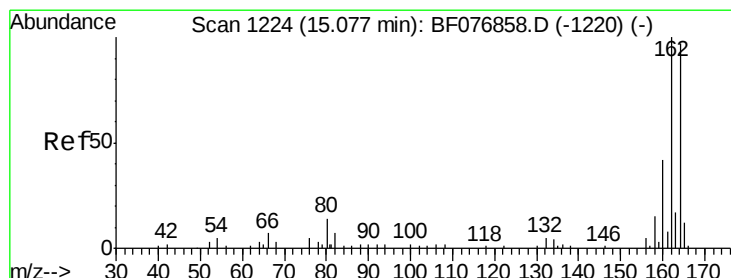
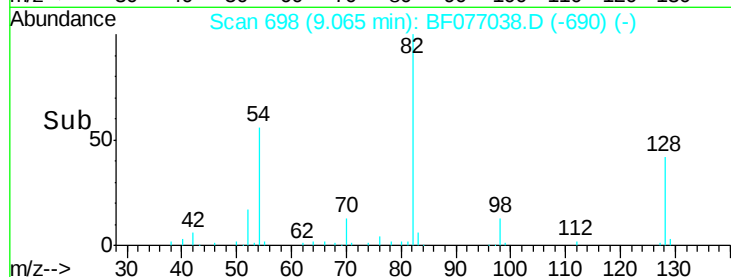
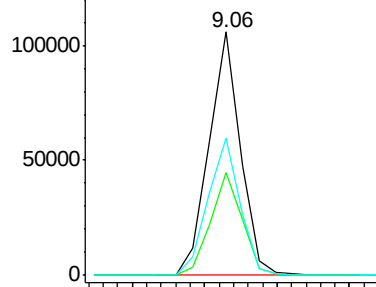
#23
 Nitrobenzene-d5
 Concen: 91.07 ng
 RT: 9.06 min Scan# 698
 Delta R.T. -0.01 min
 Lab File: BF077038.D
 Acq: 23 Jan 2015 15:29

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	82	Resp	158464
Ion Ratio	Lower	Upper	
82	100		
128	42.2	33.1	49.7
54	56.3	48.3	72.5

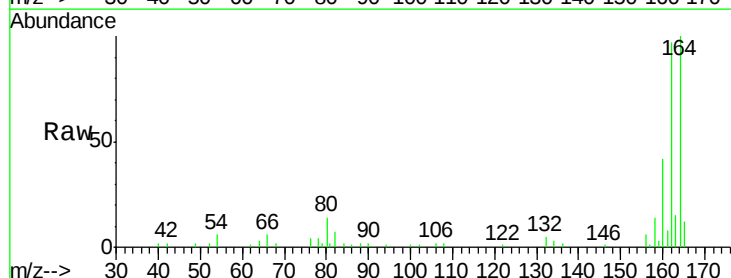


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

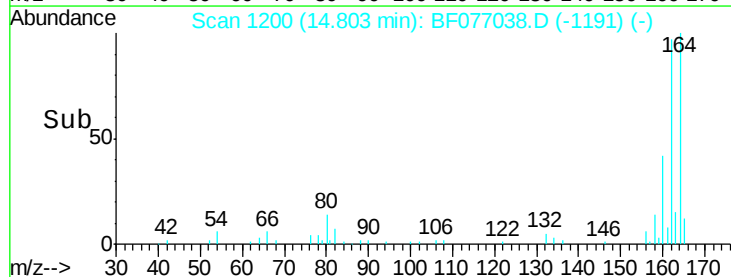
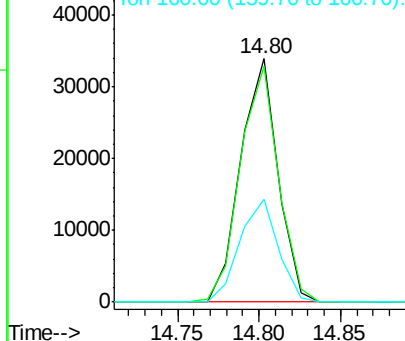


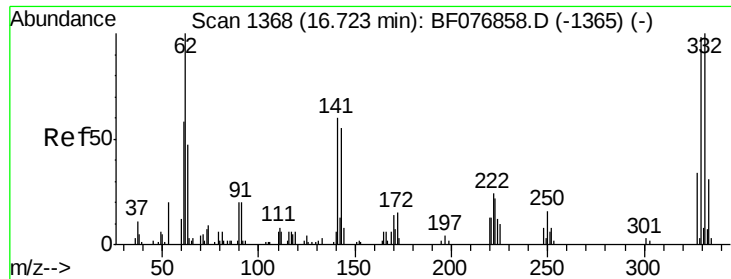
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.80 min Scan# 1200
 Delta R.T. 0.00 min
 Lab File: BF077038.D
 Acq: 23 Jan 2015 15:29

Tgt Ion	164	Resp	53695
Ion Ratio	Lower	Upper	
164	100		
162	96.8	82.4	123.6
160	42.4	34.8	52.2



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

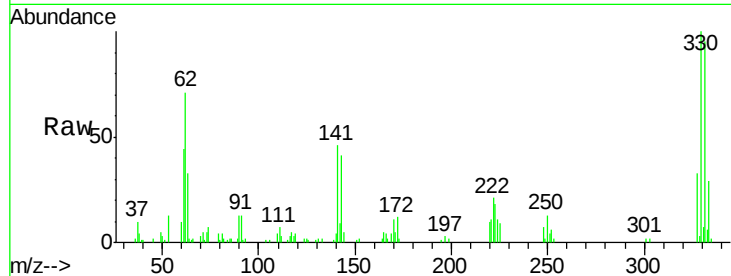




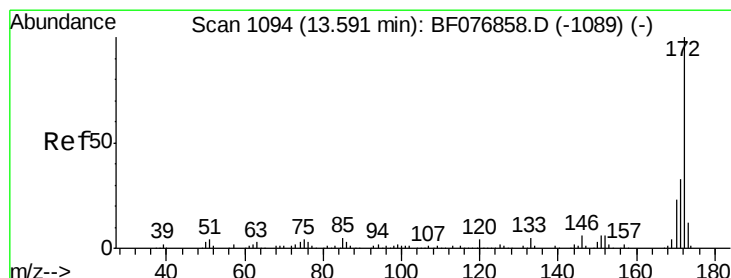
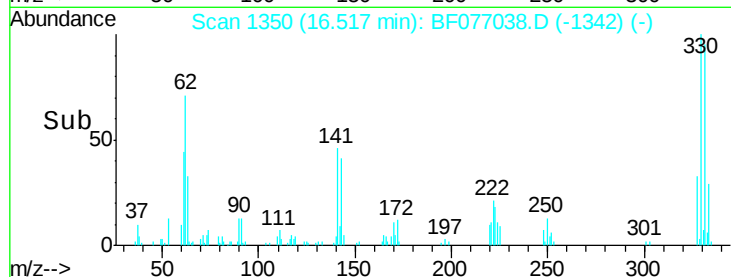
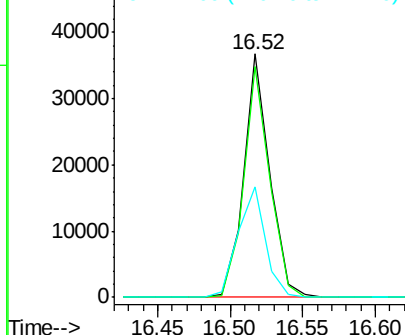
#41
 2,4,6-Tribromophenol
 Concen: 104.02 ng
 RT: 16.52 min Scan# 1350
 Delta R.T. -0.01 min
 Lab File: BF077038.D
 Acq: 23 Jan 2015 15:29

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 45337
 Ion Ratio Lower Upper
 330 100
 332 94.7 77.8 116.6
 141 48.2 38.5 57.7

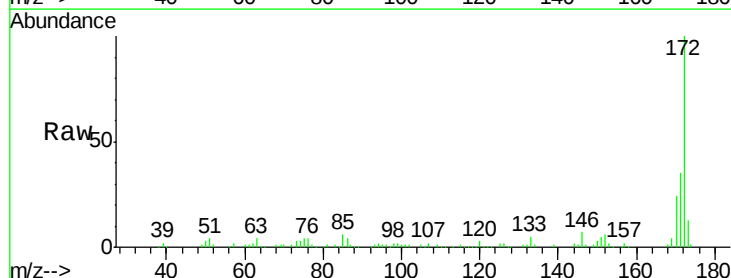


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

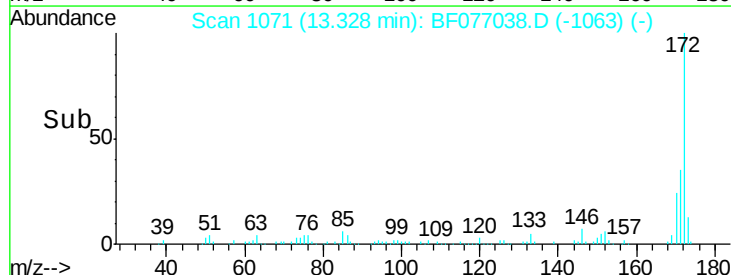
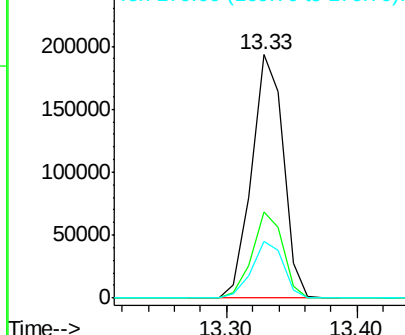


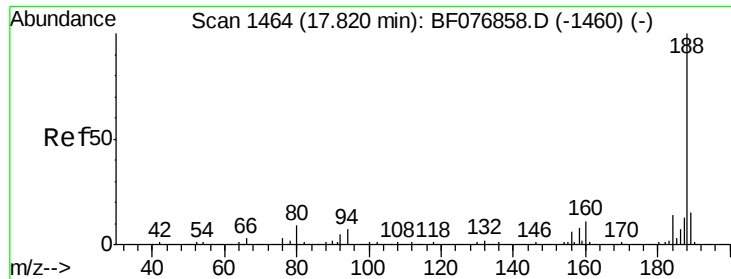
#44
 2-Fluorobiphenyl
 Concen: 92.55 ng
 RT: 13.33 min Scan# 1071
 Delta R.T. -0.01 min
 Lab File: BF077038.D
 Acq: 23 Jan 2015 15:29

Tgt Ion:172 Resp: 326568
 Ion Ratio Lower Upper
 172 100
 171 35.5 26.6 40.0
 170 23.6 18.0 27.0



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

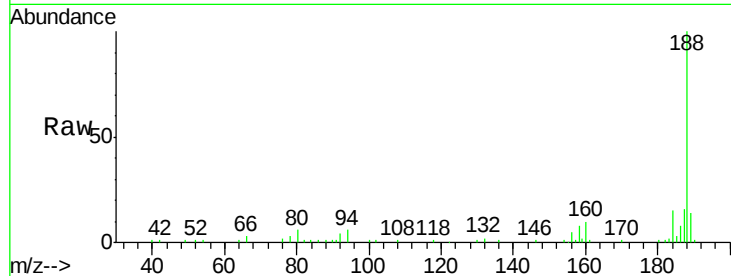




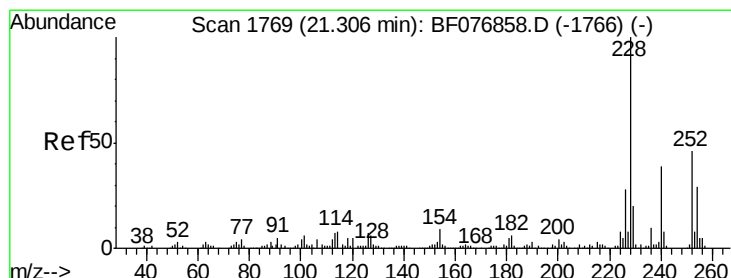
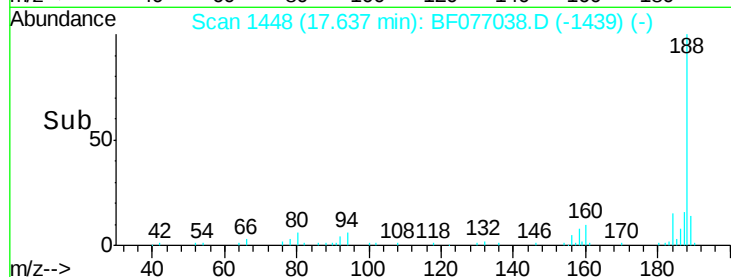
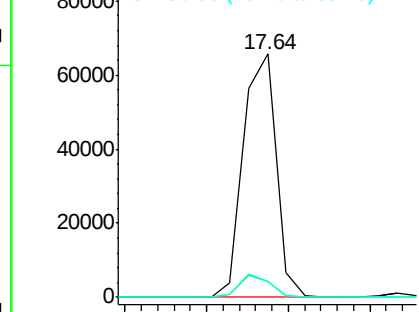
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.64 min Scan# 1448
Delta R.T. 0.00 min
Lab File: BF077038.D
Acq: 23 Jan 2015 15:29

Instrument :
BNA_F
ClientSampled :

Tot Ion:188 Resp: 91568
Ion Ratio Lower Upper
188 100
94 6.4 6.0 9.0
80 6.5 6.9 10.3#

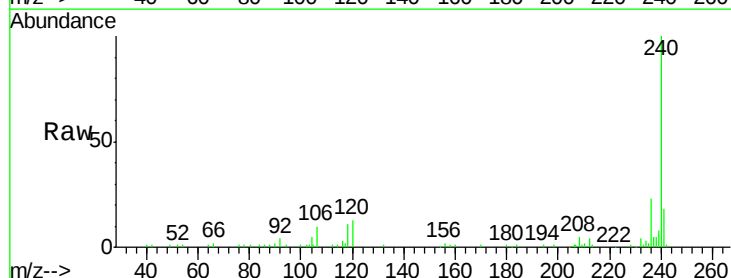


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

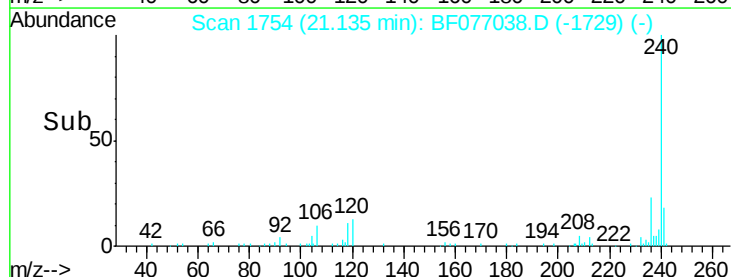
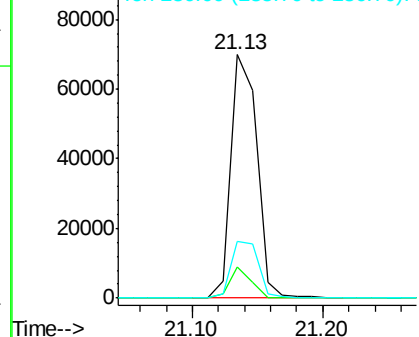


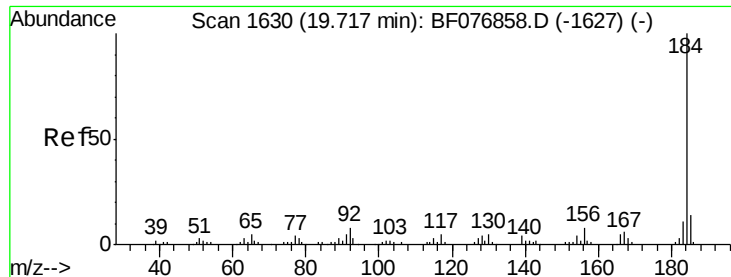
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.13 min Scan# 1754
Delta R.T. -0.01 min
Lab File: BF077038.D
Acq: 23 Jan 2015 15:29

Tgt Ion:240 Resp: 96384
Ion Ratio Lower Upper
240 100
120 13.0 10.4 15.6
236 23.2 20.2 30.2



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

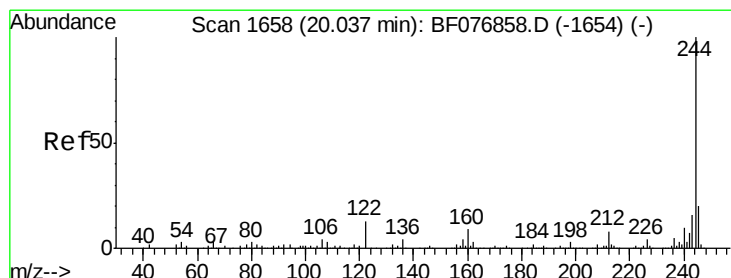
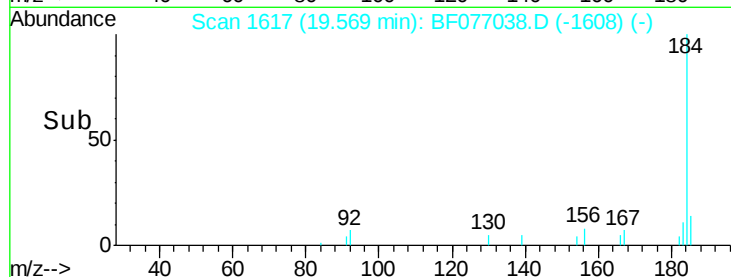
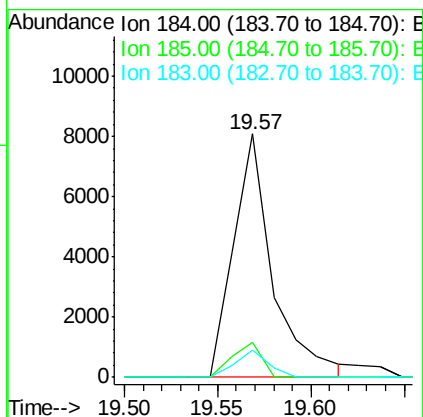
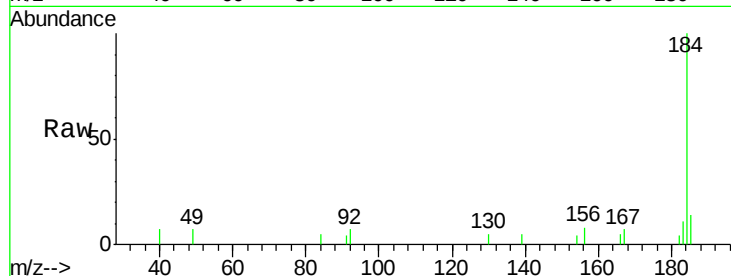




#76
Benzidine
Concen: 3.84 ng
RT: 19.57 min Scan# 1617
Delta R.T. 0.00 min
Lab File: BF077038.D
Acq: 23 Jan 2015 15:29

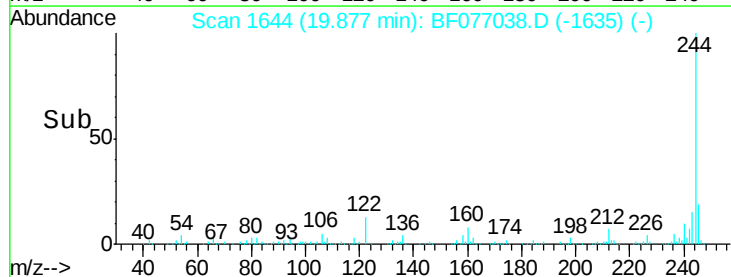
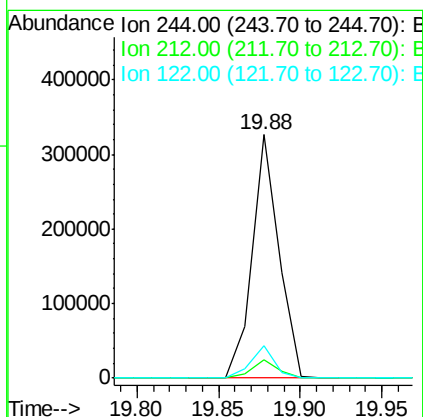
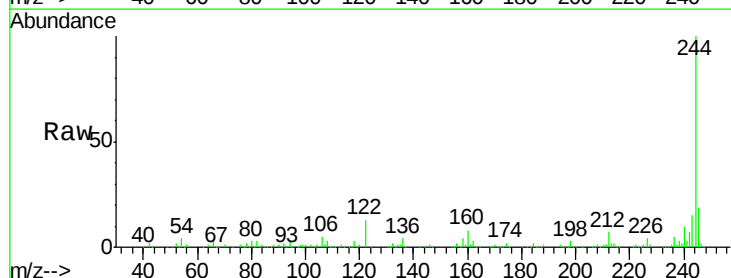
Instrument :
BNA_F
ClientSampled :

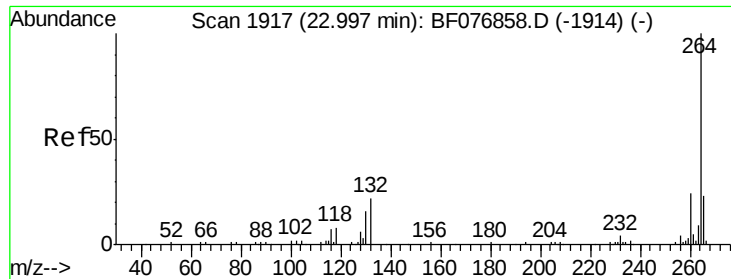
Tot Ion:184 Resp: 11855
Ion Ratio Lower Upper
184 100
185 14.5 11.4 17.2
183 11.4 9.0 13.6



#78
Terphenyl-d14
Concen: 88.50 ng
RT: 19.88 min Scan# 1644
Delta R.T. 0.00 min
Lab File: BF077038.D
Acq: 23 Jan 2015 15:29

Tgt Ion:244 Resp: 370517
Ion Ratio Lower Upper
244 100
212 7.4 6.3 9.5
122 13.5 10.1 15.1

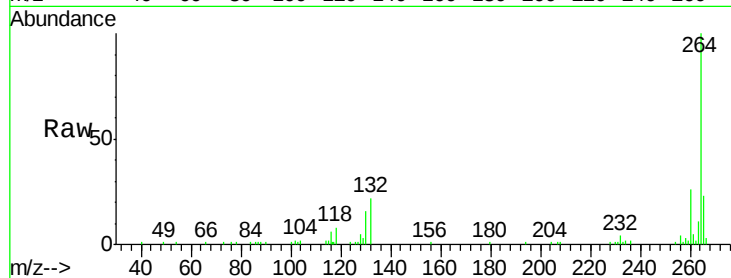




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 22.78 min Scan# 1898
 Delta R.T. -0.01 min
 Lab File: BF077038.D
 Acq: 23 Jan 2015 15:29

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:264 Resp: 82844
 Ion Ratio Lower Upper
 264 100
 260 25.6 19.0 28.4
 265 22.9 18.1 27.1



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

