

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042015\
 Data File : BF078655.D
 Acq On : 20 Apr 2015 20:44
 Operator : TP/IZ
 Sample : G1936-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-07

Quant Time: Apr 21 01:10:12 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 21 00:52:21 2015
 Response via : Initial Calibration

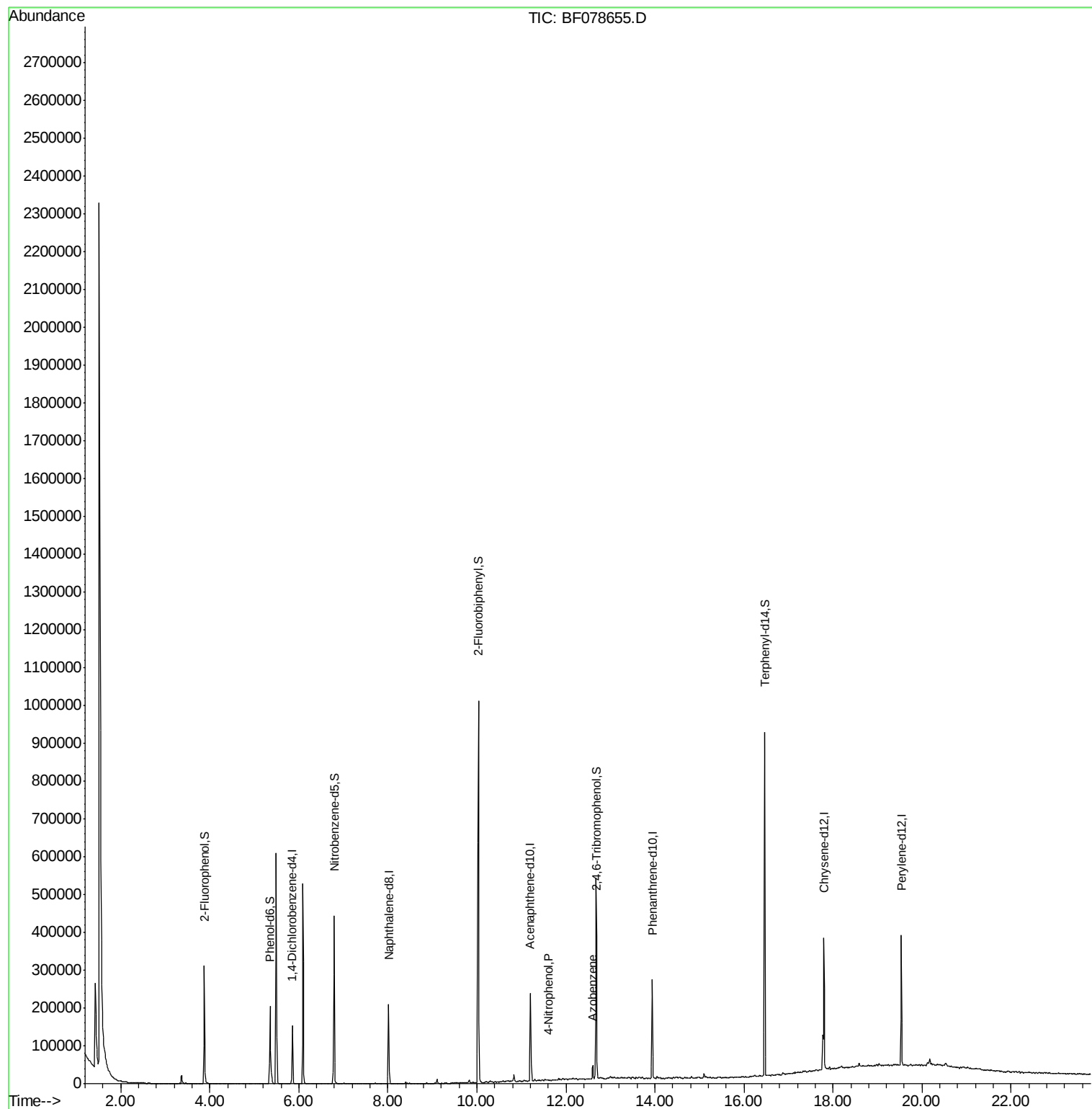
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.85	152	39011	20.00	ng	-0.01
21) Naphthalene-d8	8.02	136	158431	20.00	ng	0.00
38) Acenaphthene-d10	11.20	164	81185	20.00	ng	-0.01
63) Phenanthrene-d10	13.94	188	156178	20.00	ng	0.00
75) Chrysene-d12	17.79	240	157299	20.00	ng	-0.01
86) Perylene-d12	19.53	264	152675	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	3.87	112	119089	50.33	ng	0.00
7) Phenol-d6	5.36	99	101671	34.29	ng	0.00
23) Nitrobenzene-d5	6.80	82	200224	76.60	ng	0.00
41) 2,4,6-Tribromophenol	12.68	330	94705	140.65	ng	0.00
44) 2-Fluorobiphenyl	10.03	172	457150	80.49	ng	0.00
78) Terphenyl-d14	16.47	244	465279	66.84	ng	0.00
Target Compounds						
55) 4-Nitrophenol	11.60	139	211	2.96	ng	# 1
62) Azobenzene	12.60	77	12370	2.30	ng	# 1

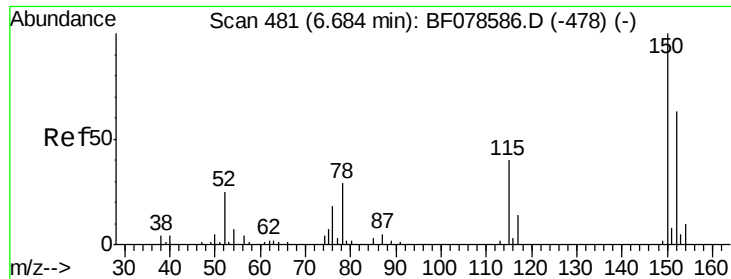
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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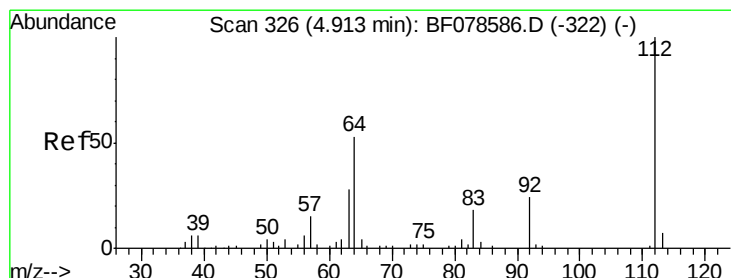
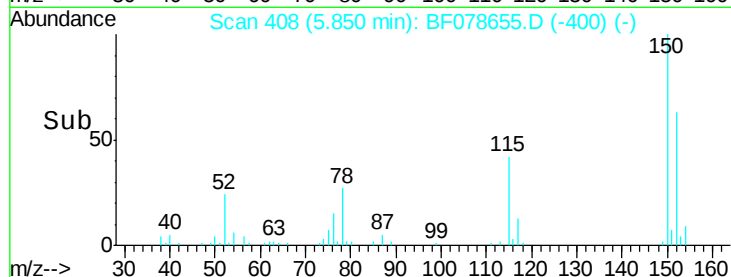
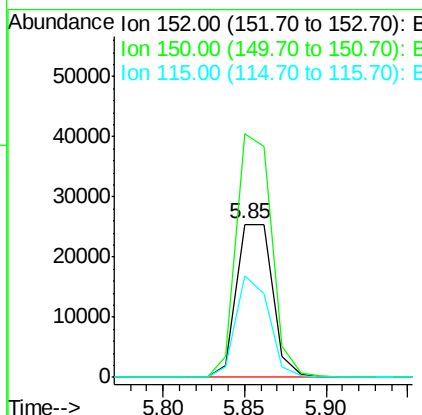
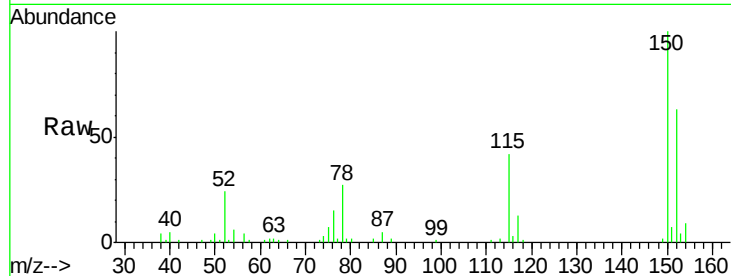




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 5.85 min Scan# 408
 Delta R.T. -0.01 min
 Lab File: BF078655.D
 Acq: 20 Apr 2015 20:44

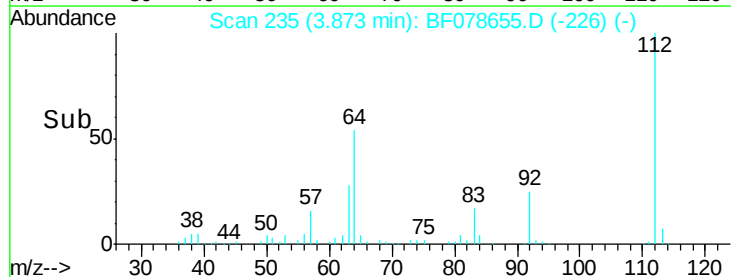
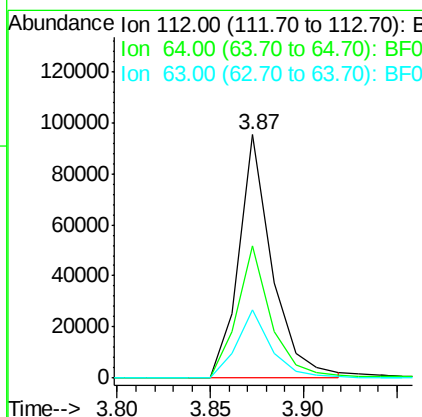
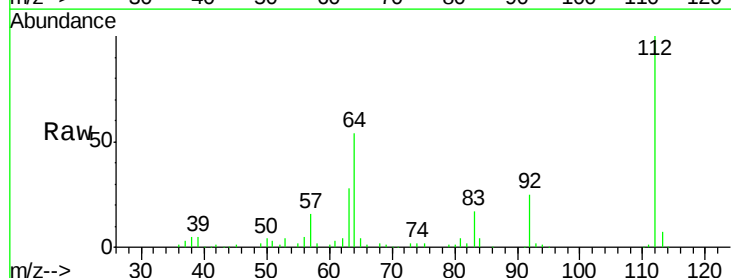
Instrument :
 BNA_F
 ClientSampleId :
 MW-07

Tgt Ion:152 Resp: 39011
 Ion Ratio Lower Upper
 152 100
 150 159.4 125.9 188.9
 115 66.6 52.7 79.1



#5
 2-Fluorophenol
 Concen: 50.33 ng
 RT: 3.87 min Scan# 235
 Delta R.T. -0.00 min
 Lab File: BF078655.D
 Acq: 20 Apr 2015 20:44

Tgt Ion:112 Resp: 119089
 Ion Ratio Lower Upper
 112 100
 64 54.5 39.9 59.9
 63 28.0 20.2 30.4





#7

Phenol-d6

Concen: 34.29 ng

RT: 5.36 min Scan# 365

Delta R.T. -0.00 min

Lab File: BF078655.D

Acq: 20 Apr 2015 20:44

Instrument :

BNA_F

ClientSampleId :

MW-07

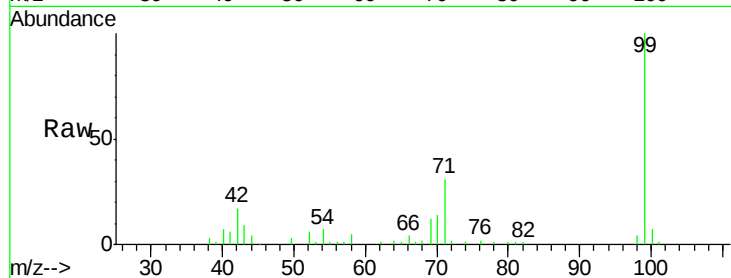
Tgt Ion: 99 Resp: 101671

Ion Ratio Lower Upper

99 100

42 16.7 14.8 22.2

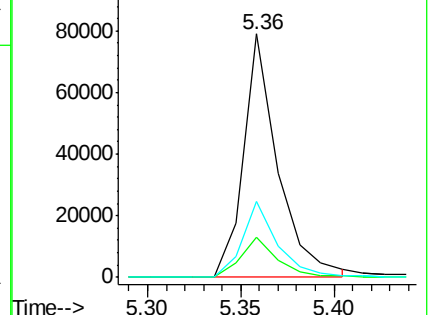
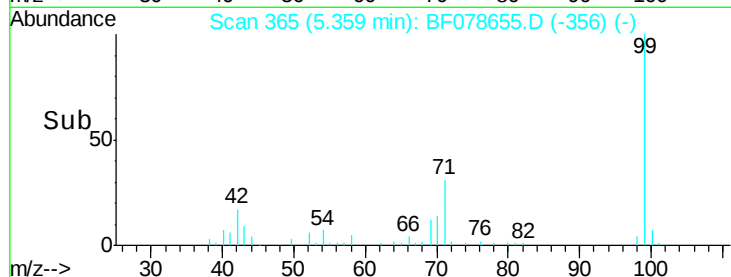
71 31.3 26.6 39.8



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: 8.02 min Scan# 598

Delta R.T. -0.00 min

Lab File: BF078655.D

Acq: 20 Apr 2015 20:44

Tgt Ion: 136 Resp: 158431

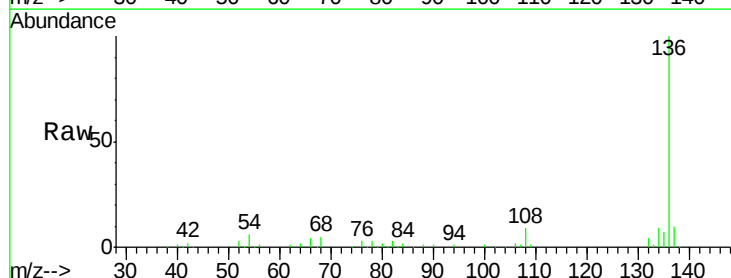
Ion Ratio Lower Upper

136 100

137 10.5 9.0 13.4

54 6.3 7.0 10.6#

68 4.8 5.4 8.2#

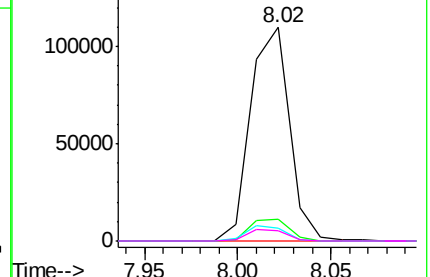
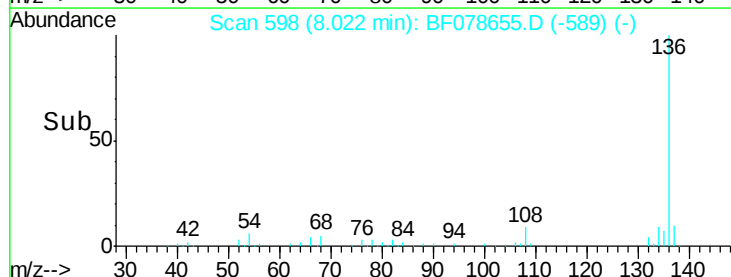


Abundance Ion 136.00 (135.70 to 136.70): E

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

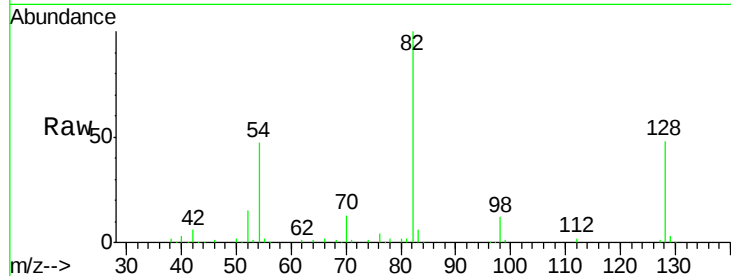




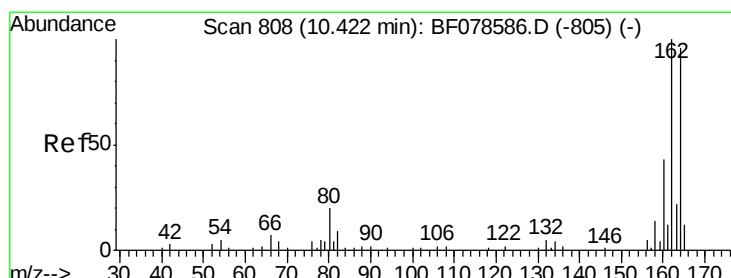
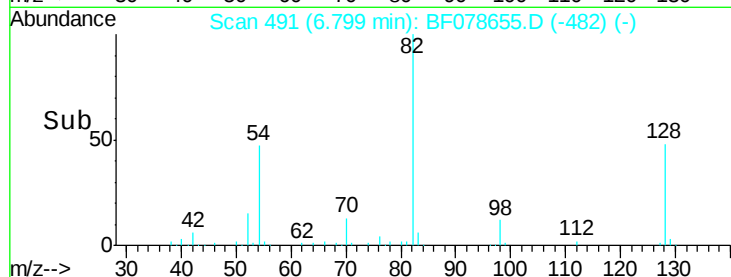
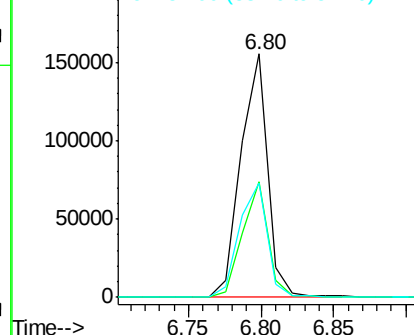
#23
 Nitrobenzene-d5
 Concen: 76.60 ng
 RT: 6.80 min Scan# 491
 Delta R.T. -0.00 min
 Lab File: BF078655.D
 Acq: 20 Apr 2015 20:44

Instrument :
 BNA_F
 ClientSampleId :
 MW-07

Tgt Ion: 82 Resp: 200224
 Ion Ratio Lower Upper
 82 100
 128 47.7 31.8 47.8
 54 47.1 41.5 62.3

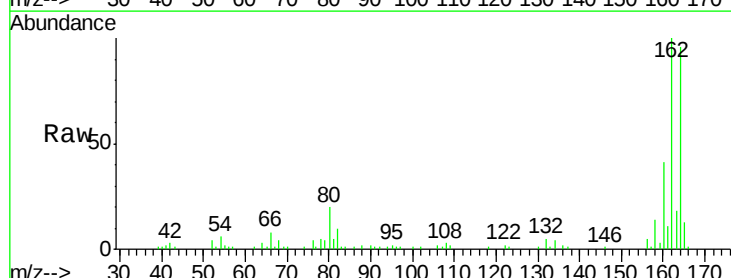


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

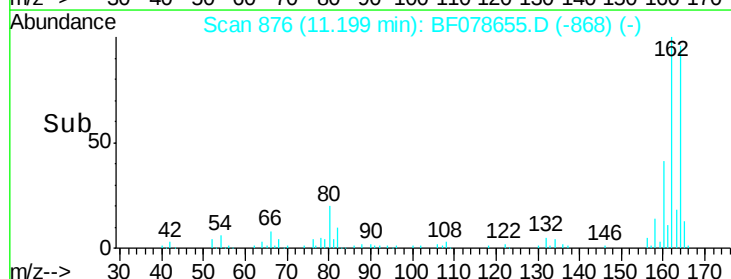
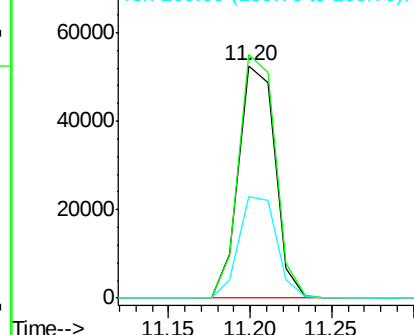


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 11.20 min Scan# 876
 Delta R.T. -0.01 min
 Lab File: BF078655.D
 Acq: 20 Apr 2015 20:44

Tgt Ion: 164 Resp: 81185
 Ion Ratio Lower Upper
 164 100
 162 104.6 82.2 123.2
 160 43.4 34.7 52.1



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

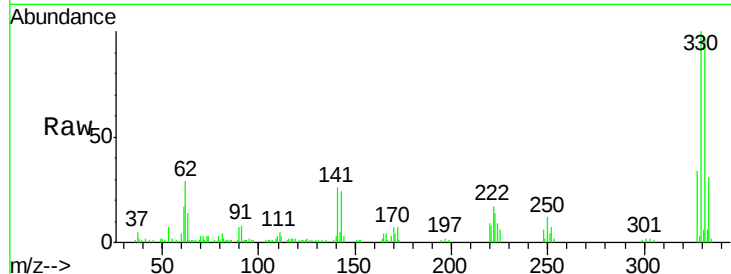




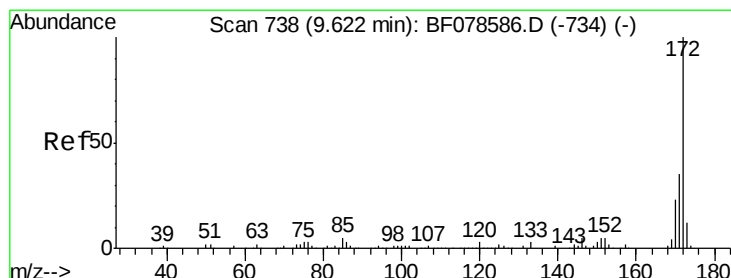
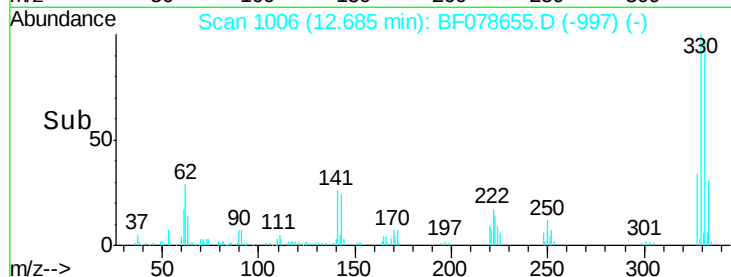
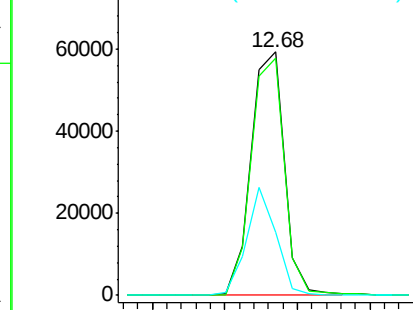
#41
 2,4,6-Tribromophenol
 Concen: 140.65 ng
 RT: 12.68 min Scan# 1006
 Delta R.T. -0.00 min
 Lab File: BF078655.D
 Acq: 20 Apr 2015 20:44

Instrument :
 BNA_F
 ClientSampleId :
 MW-07

Tgt Ion:330 Resp: 94705
 Ion Ratio Lower Upper
 330 100
 332 97.2 78.6 117.8
 141 39.1 31.2 46.8

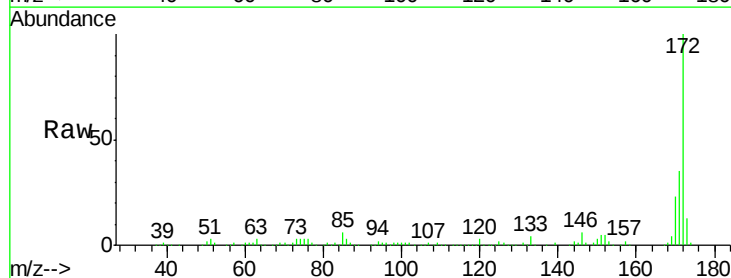


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

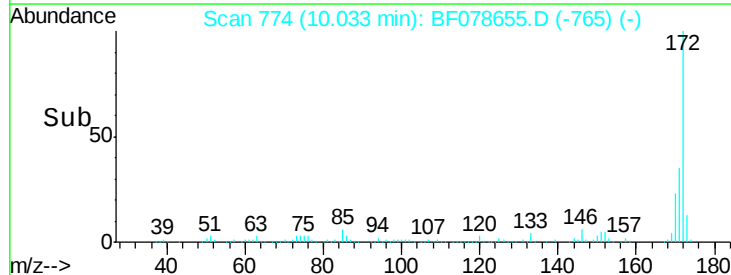
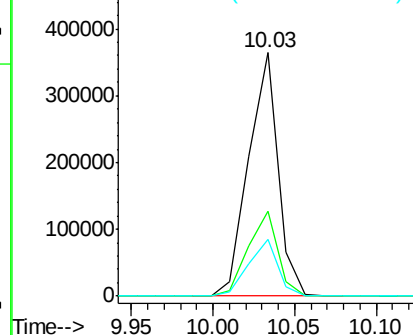


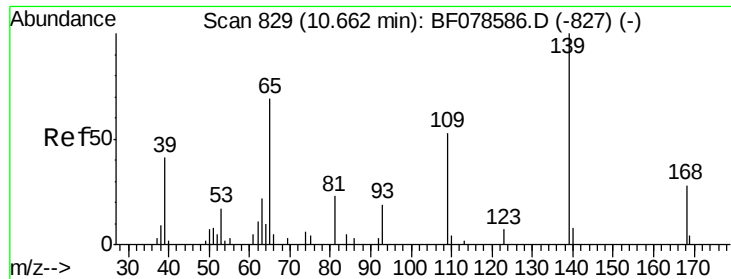
#44
 2-Fluorobiphenyl
 Concen: 80.49 ng
 RT: 10.03 min Scan# 774
 Delta R.T. -0.00 min
 Lab File: BF078655.D
 Acq: 20 Apr 2015 20:44

Tgt Ion:172 Resp: 457150
 Ion Ratio Lower Upper
 172 100
 171 35.0 28.6 42.8
 170 23.5 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

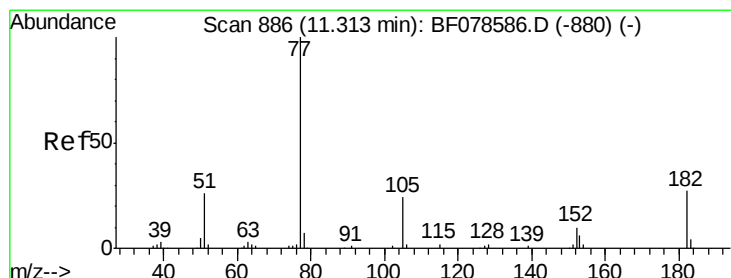
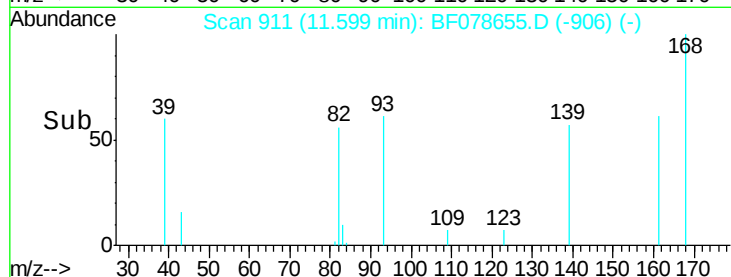
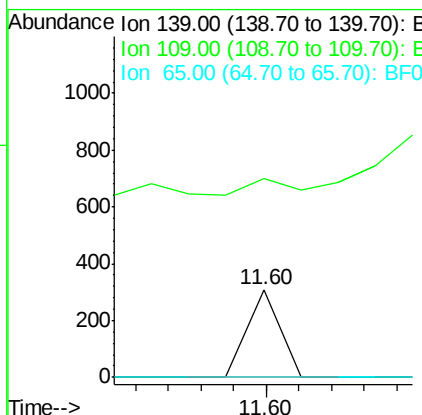
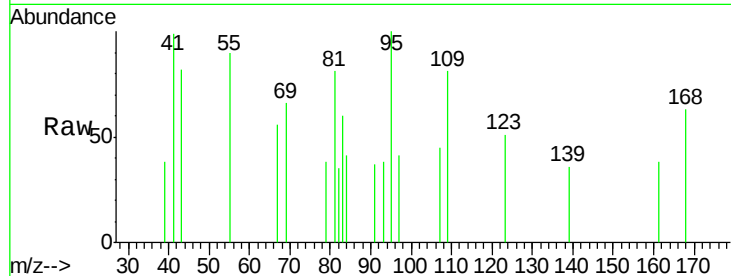




#55
 4-Nitrophenol
 Concen: 2.96 ng
 RT: 11.60 min Scan# 911
 Delta R.T. -0.05 min
 Lab File: BF078655.D
 Acq: 20 Apr 2015 20:44

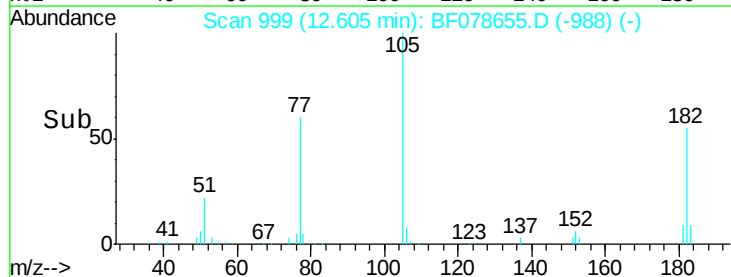
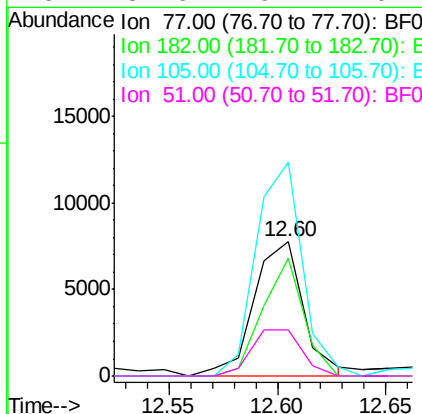
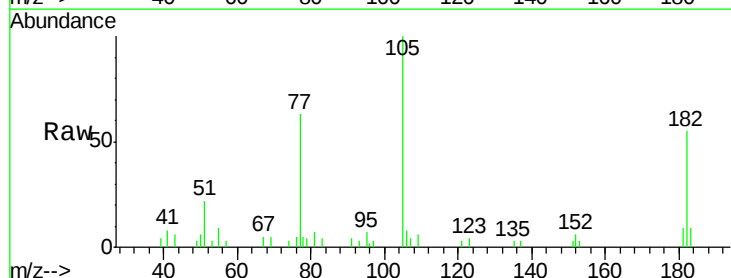
Instrument :
 BNA_F
 ClientSampled :
 MW-07

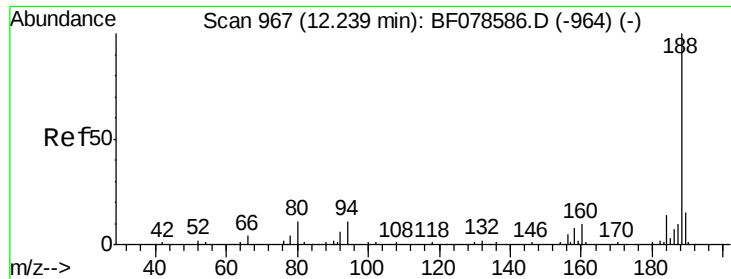
Tgt Ion:	139	Resp:	211
Ion	Ratio	Lower	Upper
139	100		
109	226.9	36.7	76.7#
65	0.0	49.9	89.9#



#62
 Azobenzene
 Concen: 2.30 ng
 RT: 12.60 min Scan# 999
 Delta R.T. 0.02 min
 Lab File: BF078655.D
 Acq: 20 Apr 2015 20:44

Tgt Ion:	77	Resp:	12370
Ion	Ratio	Lower	Upper
77	100		
182	88.1	0.0	36.8#
105	159.2	0.3	40.3#
51	34.6	9.1	49.1

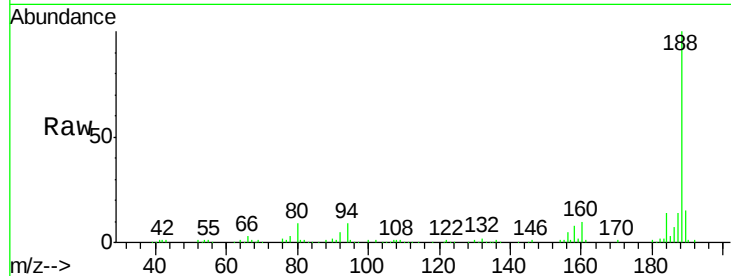




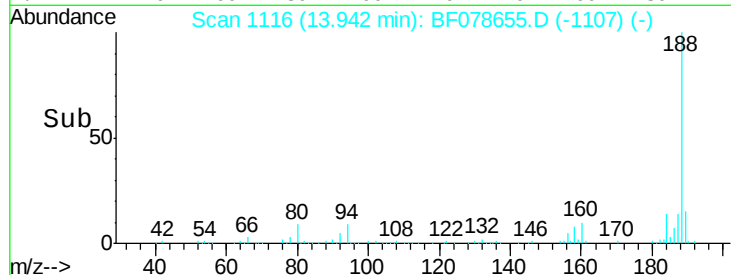
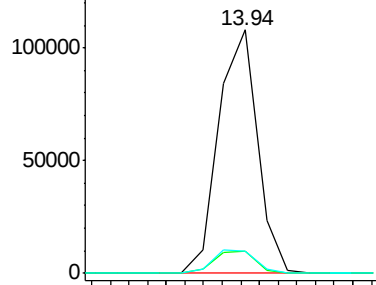
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 13.94 min Scan# 1116
Delta R.T. -0.00 min
Lab File: BF078655.D
Acq: 20 Apr 2015 20:44

Instrument :
BNA_F
ClientSampleId :
MW-07

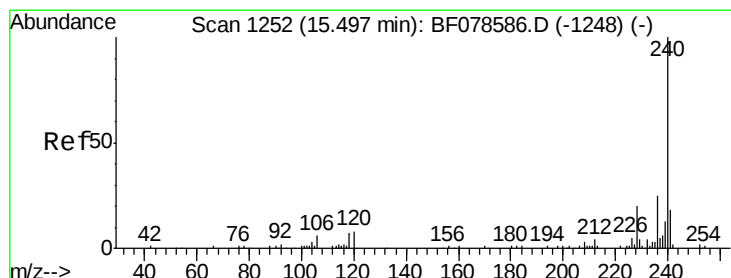
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.2	9.0	13.4
80	9.3	9.5	14.3#



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

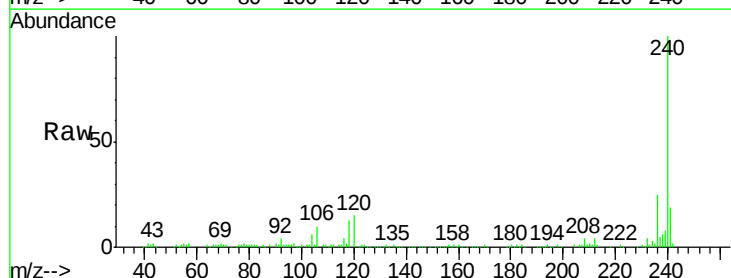


Time-->

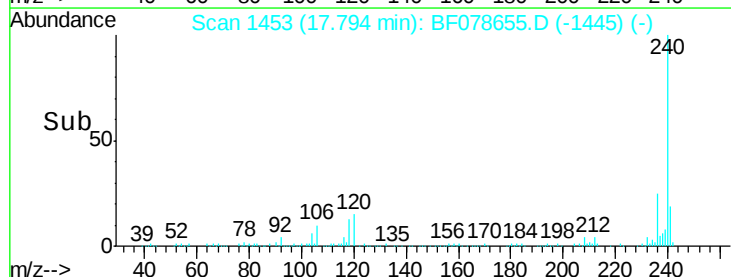
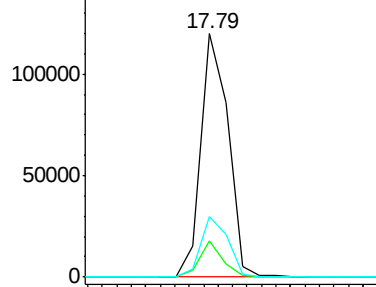


#75
Chrysene-d12
Concen: 20.00 ng
RT: 17.79 min Scan# 1453
Delta R.T. -0.01 min
Lab File: BF078655.D
Acq: 20 Apr 2015 20:44

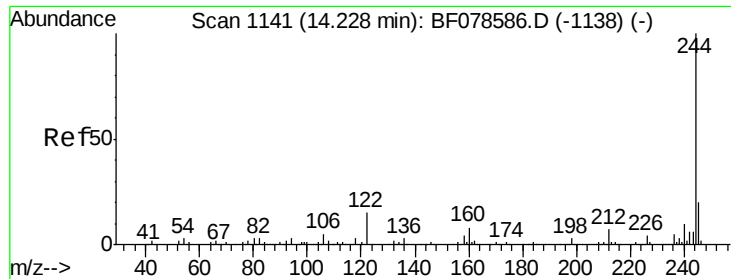
Tgt Ion	Ratio	Lower	Upper
240	100		
120	14.7	7.1	10.7#
236	25.0	21.4	32.2



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



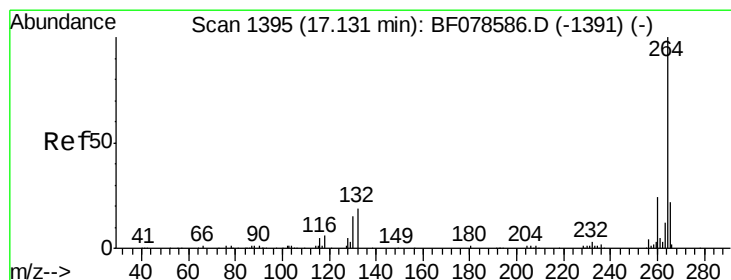
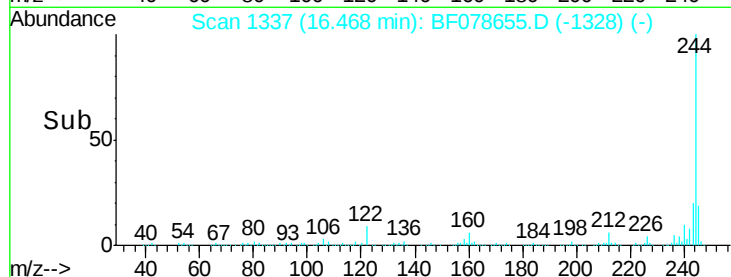
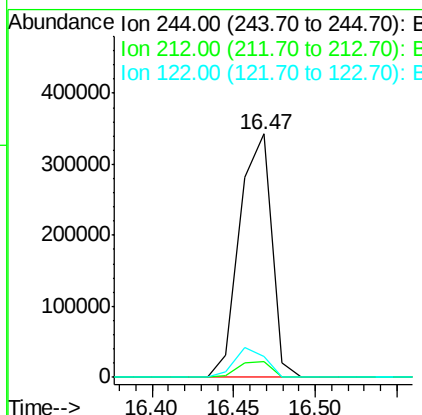
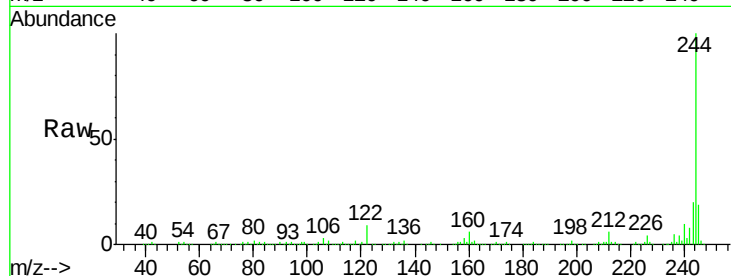
Time-->



#78
 Terphenyl-d14
 Concen: 66.84 ng
 RT: 16.47 min Scan# 1337
 Delta R.T. -0.00 min
 Lab File: BF078655.D
 Acq: 20 Apr 2015 20:44

Instrument :
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 ClientSampleId :
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Tgt Ion:244 Resp: 465279
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.0 7.4
 122 8.6 7.1 10.7



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 19.53 min Scan# 1605
 Delta R.T. -0.00 min
 Lab File: BF078655.D
 Acq: 20 Apr 2015 20:44

Tgt Ion:264 Resp: 152675
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.6 27.8
 265 20.5 17.0 25.6

