

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042015\
 Data File : BF078659.D
 Acq On : 20 Apr 2015 22:48
 Operator : TP/IZ
 Sample : G1932-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-12

Quant Time: Apr 21 01:10:57 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

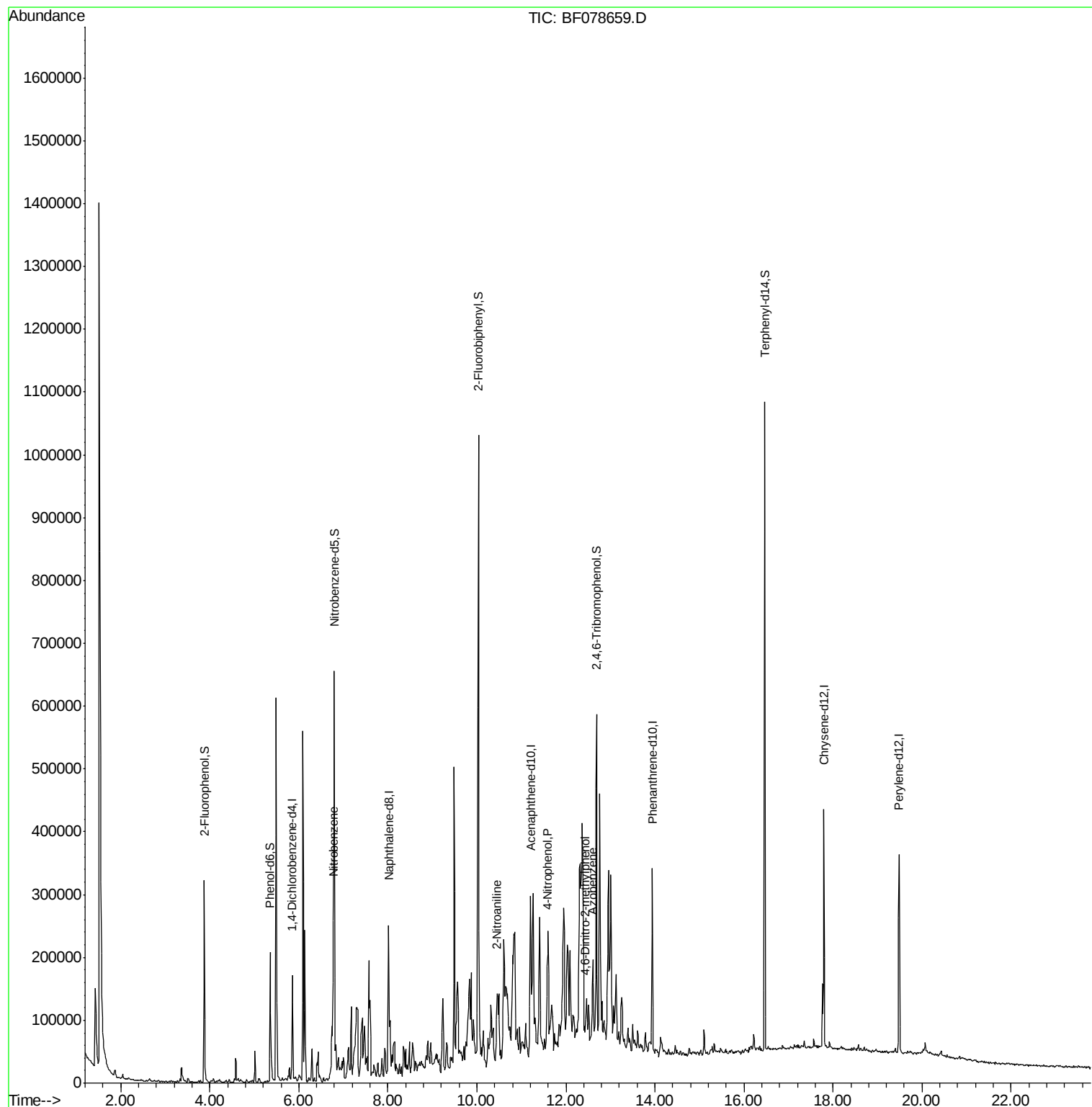
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.85	152	38834	20.00	ng	-0.01
21) Naphthalene-d8	8.02	136	158253	20.00	ng	0.00
38) Acenaphthene-d10	11.21	164	79873	20.00	ng	0.00
63) Phenanthrene-d10	13.94	188	154361	20.00	ng	0.00
75) Chrysene-d12	17.79	240	152443	20.00	ng	-0.01
86) Perylene-d12	19.49	264	150843	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	3.87	112	125925	53.46	ng	0.00
7) Phenol-d6	5.36	99	103230	34.97	ng	0.00
23) Nitrobenzene-d5	6.80	82	202032	77.38	ng	0.00
41) 2,4,6-Tribromophenol	12.69	330	93134	140.59	ng	0.00
44) 2-Fluorobiphenyl	10.03	172	439542	78.66	ng	0.00
78) Terphenyl-d14	16.47	244	480452	71.22	ng	0.00
Target Compounds						
24) Nitrobenzene	6.78	77	11769	4.31	ng	# 15
47) 2-Nitroaniline	10.46	65	3243	2.55	ng	# 31
55) 4-Nitrophenol	11.59	139	2439	5.04	ng	# 6
62) Azobenzene	12.61	77	17751	3.36	ng	# 1
64) 4,6-Dinitro-2-methylphenol	12.45	198	240	8.82	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: BF078659.D

Acq: 20 Apr 2015 22:48

Instrument :

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ClientSampleId :

MW-12

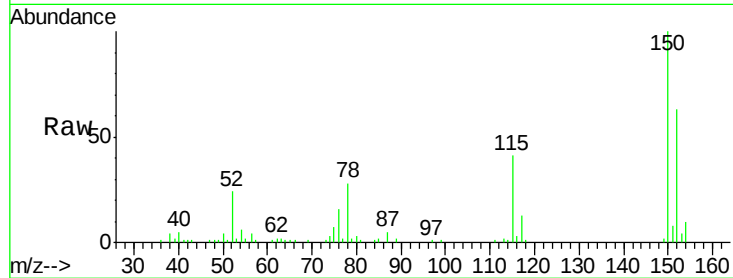
Tgt Ion:152 Resp: 38834

Ion Ratio Lower Upper

152 100

150 159.1 125.9 188.9

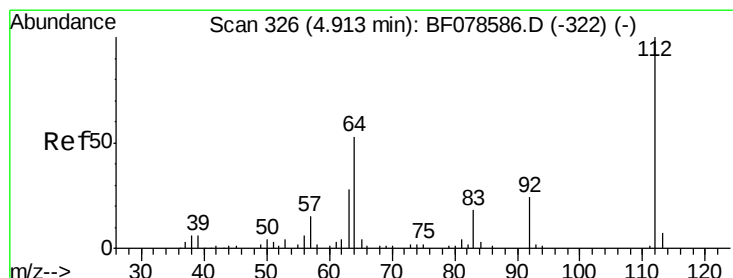
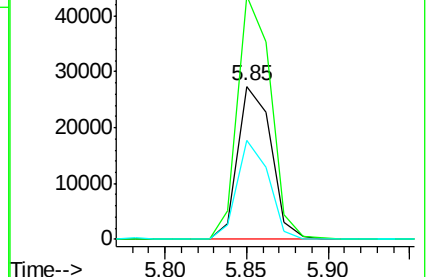
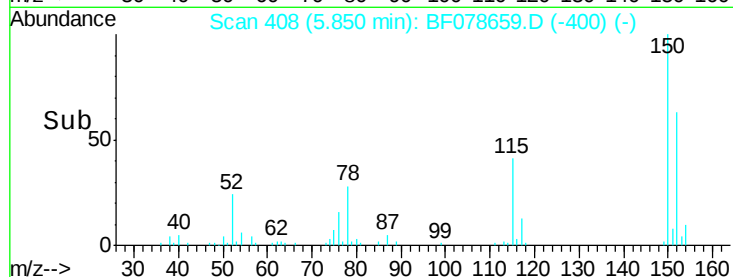
115 64.6 52.7 79.1



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: 53.46 ng

RT: 3.87 min Scan# 235

Delta R.T. 0.00 min

Lab File: BF078659.D

Acq: 20 Apr 2015 22:48

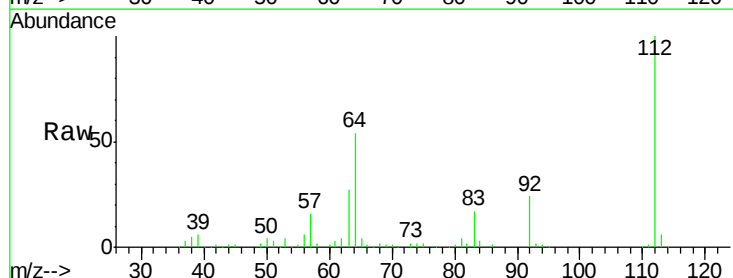
Tgt Ion:112 Resp: 125925

Ion Ratio Lower Upper

112 100

64 54.3 39.9 59.9

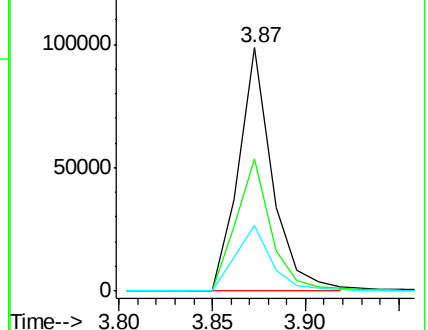
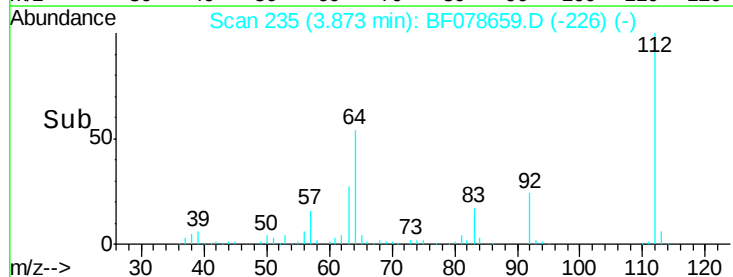
63 27.2 20.2 30.4

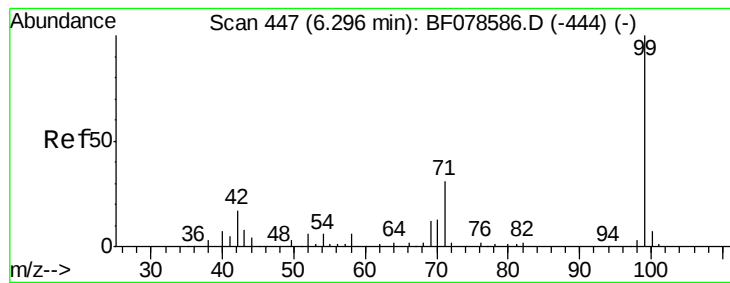


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 34.97 ng

RT: 5.36 min Scan# 365

Delta R.T. 0.00 min

Lab File: BF078659.D

Acq: 20 Apr 2015 22:48

Instrument :

BNA_F

ClientSampleId :

MW-12

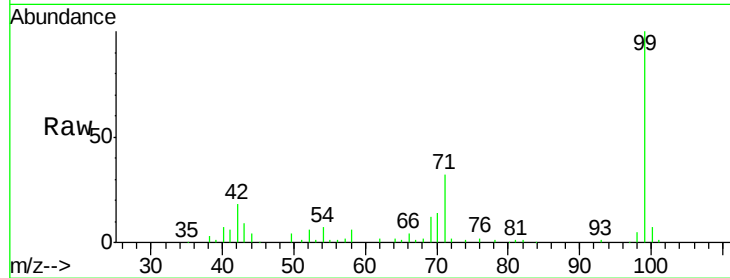
Tgt Ion: 99 Resp: 103230

Ion Ratio Lower Upper

99 100

42 17.9 14.8 22.2

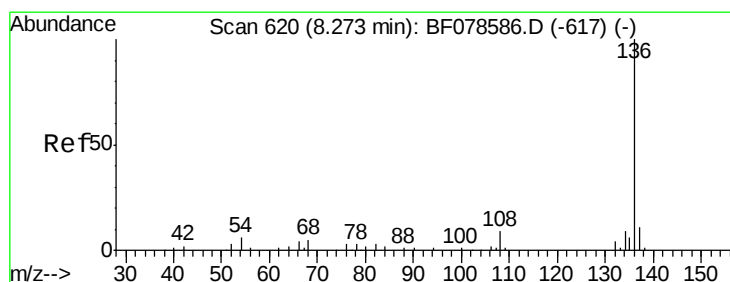
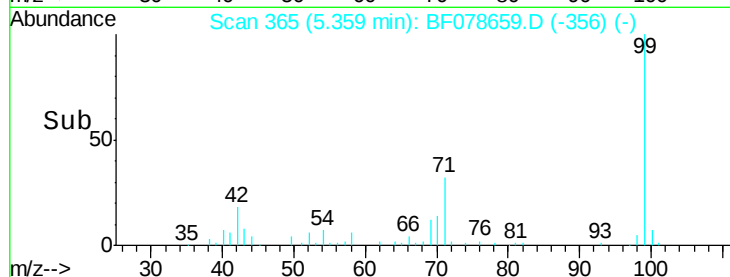
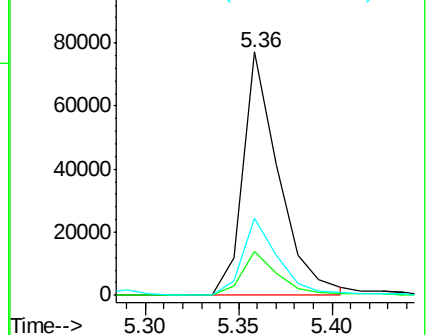
71 31.8 26.6 39.8



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: BF078659.D

Acq: 20 Apr 2015 22:48

Tgt Ion: 136 Resp: 158253

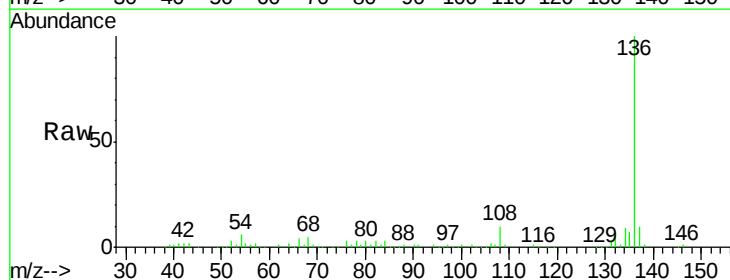
Ion Ratio Lower Upper

136 100

137 10.3 9.0 13.4

54 6.3 7.0 10.6#

68 5.0 5.4 8.2#

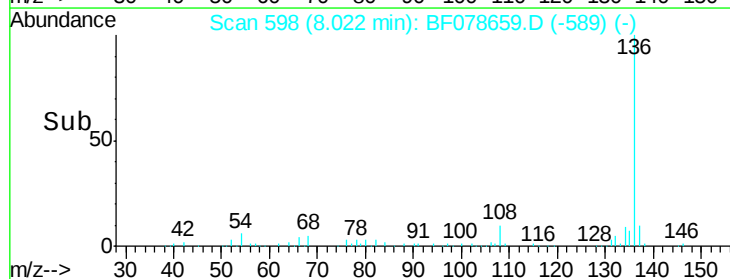
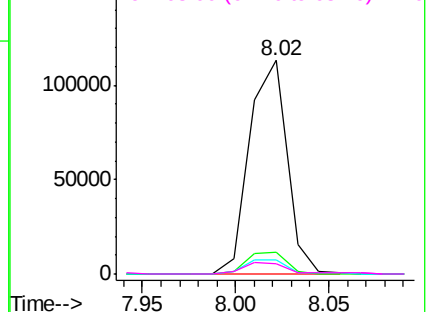


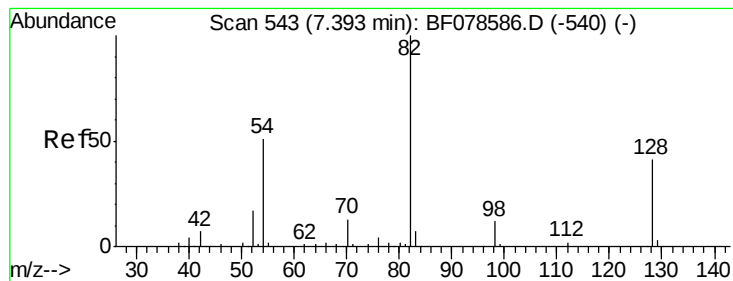
Abundance Ion 136.00 (135.70 to 136.70): E

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: 77.38 ng

RT: 6.80 min Scan# 491

Delta R.T. 0.00 min

Lab File: BF078659.D

Acq: 20 Apr 2015 22:48

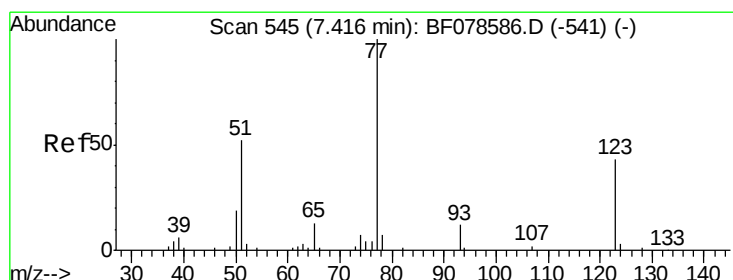
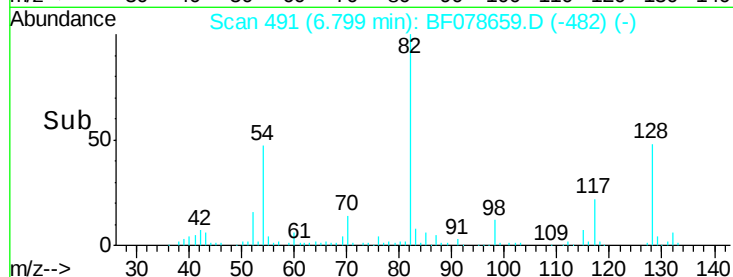
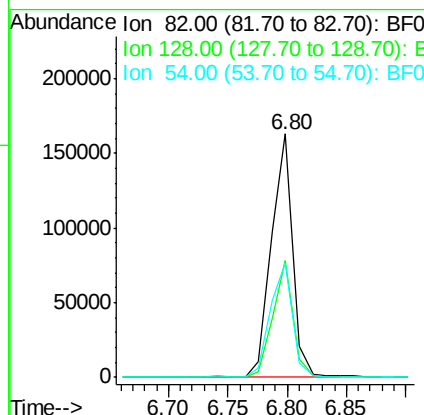
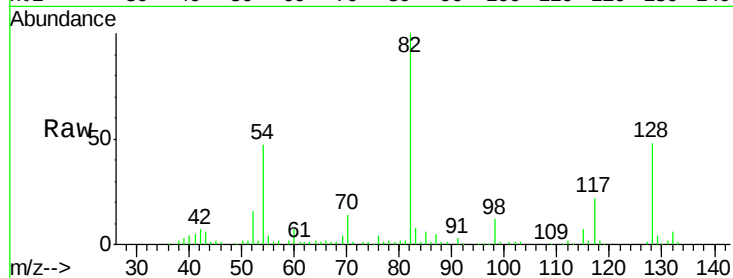
Instrument :

BNA_F

ClientSampleId :

MW-12

Tgt Ion:	82	Resp:	202032
Ion	Ratio	Lower	Upper
82	100		
128	47.8	31.8	47.8#
54	46.8	41.5	62.3



#24

Nitrobenzene

Concen: 4.31 ng

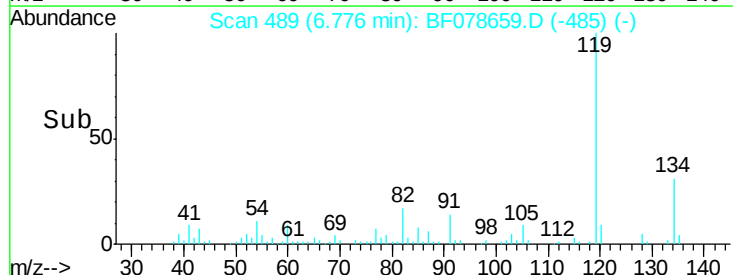
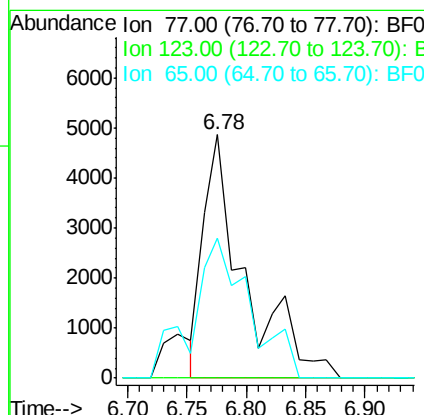
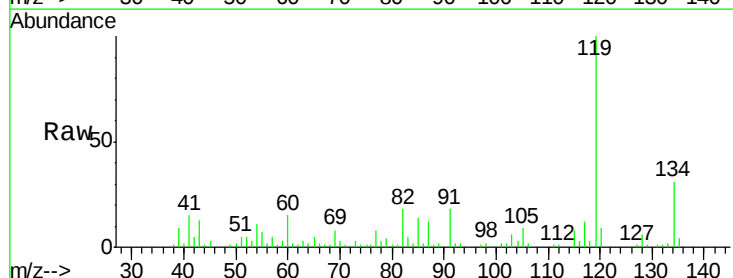
RT: 6.78 min Scan# 489

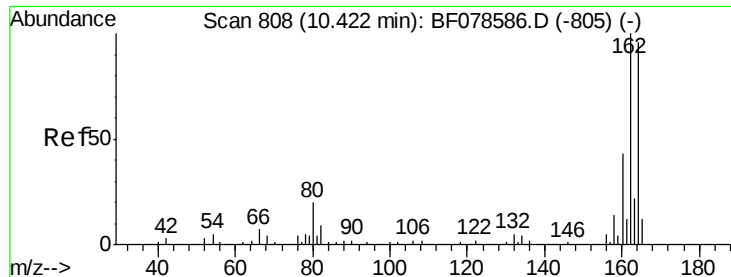
Delta R.T. -0.06 min

Lab File: BF078659.D

Acq: 20 Apr 2015 22:48

Tgt Ion:	77	Resp:	11769
Ion	Ratio	Lower	Upper
77	100		
123	0.0	46.9	70.3#
65	57.4	9.5	14.3#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 11.21 min Scan# 877

Delta R.T. 0.00 min

Lab File: BF078659.D

Acq: 20 Apr 2015 22:48

Instrument :

BNA_F

ClientSampleId :

MW-12

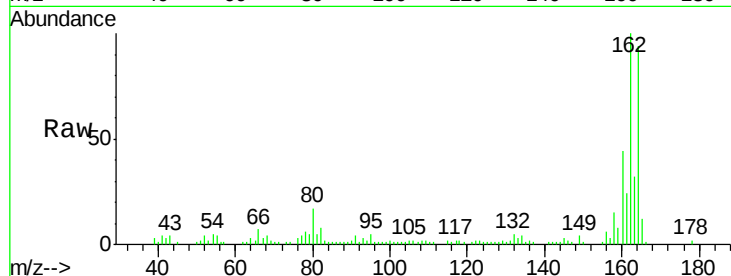
Tgt Ion:164 Resp: 79873

Ion Ratio Lower Upper

164 100

162 106.5 82.2 123.2

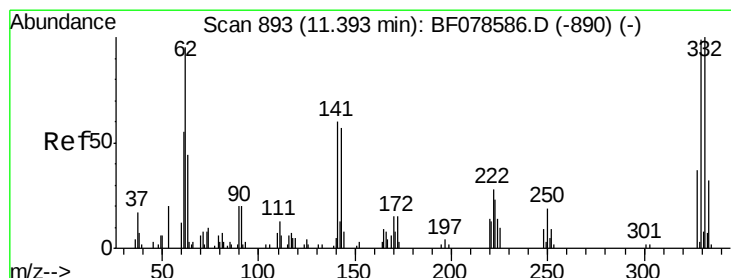
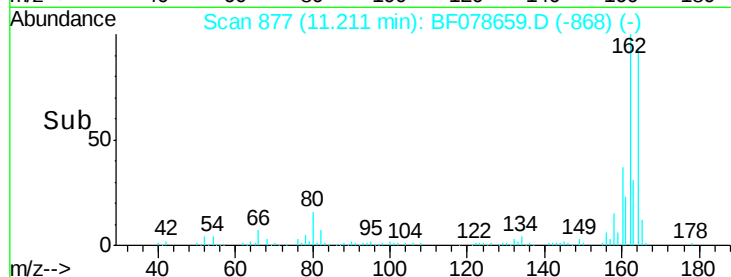
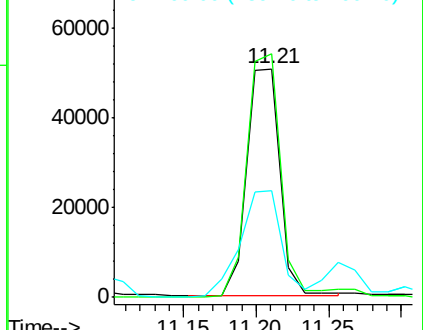
160 46.6 34.7 52.1



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: 140.59 ng

RT: 12.69 min Scan# 1006

Delta R.T. 0.00 min

Lab File: BF078659.D

Acq: 20 Apr 2015 22:48

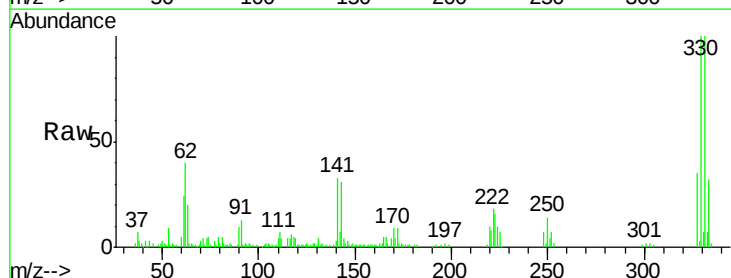
Tgt Ion:330 Resp: 93134

Ion Ratio Lower Upper

330 100

332 98.4 78.6 117.8

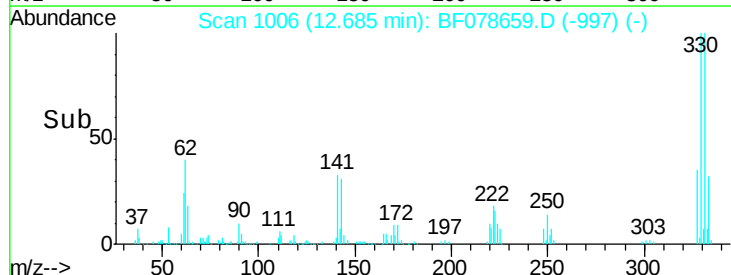
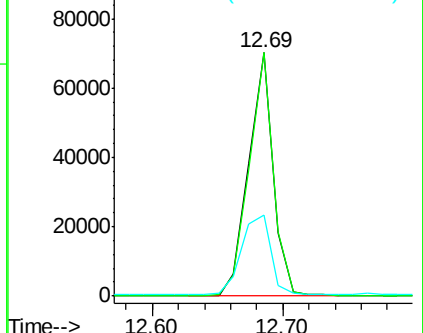
141 39.2 31.2 46.8

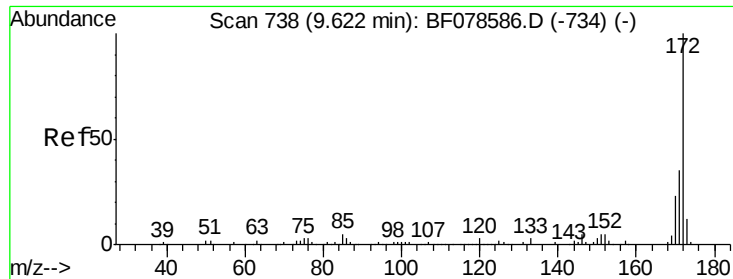


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

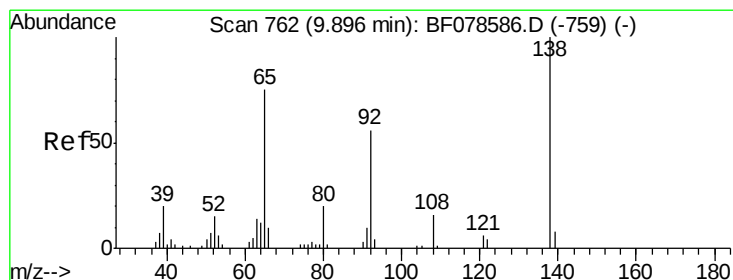
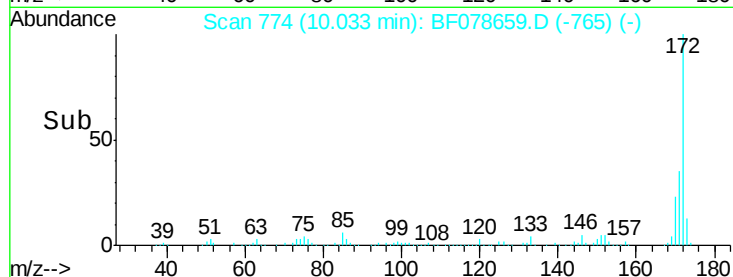
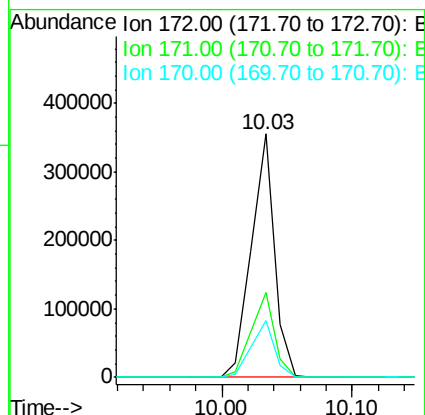
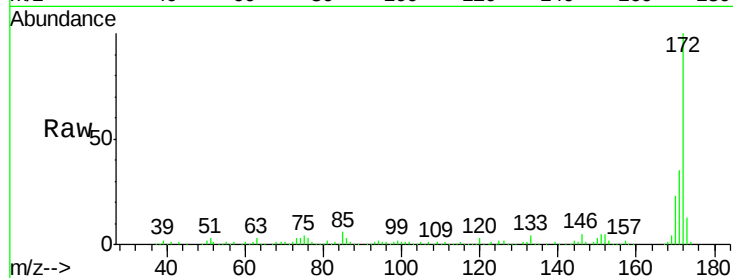




#44
 2-Fluorobiphenyl
 Concen: 78.66 ng
 RT: 10.03 min Scan# 774
 Delta R.T. 0.00 min
 Lab File: BF078659.D
 Acq: 20 Apr 2015 22:48

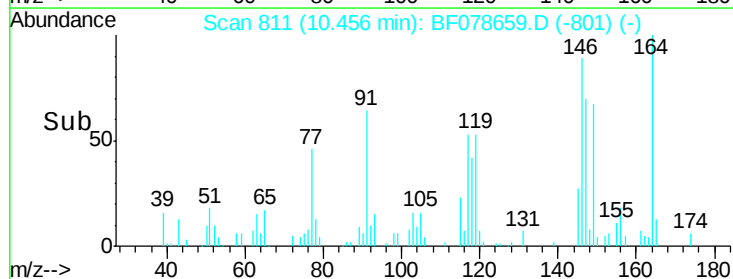
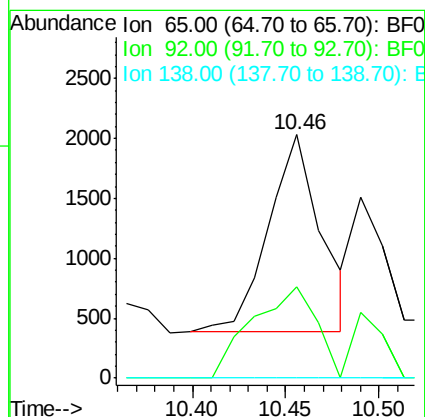
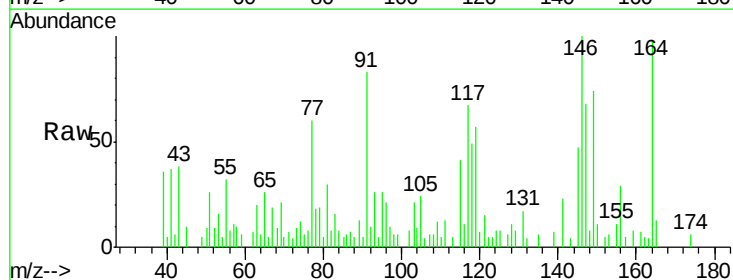
Instrument :
 BNA_F
 ClientSampleId :
 MW-12

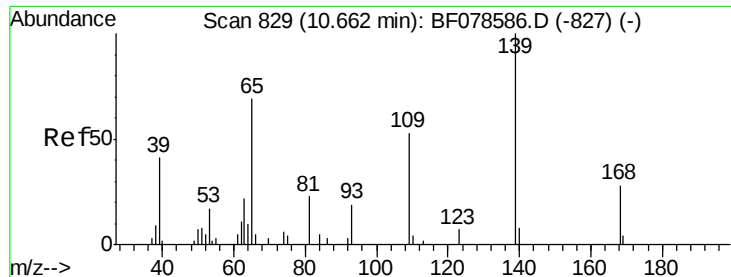
Tgt Ion: 172 Resp: 439542
 Ion Ratio Lower Upper
 172 100
 171 35.0 28.6 42.8
 170 23.2 18.5 27.7



#47
 2-Nitroaniline
 Concen: 2.55 ng
 RT: 10.46 min Scan# 811
 Delta R.T. 0.01 min
 Lab File: BF078659.D
 Acq: 20 Apr 2015 22:48

Tgt Ion: 65 Resp: 3243
 Ion Ratio Lower Upper
 65 100
 92 37.6 51.3 76.9#
 138 0.0 70.4 105.6#

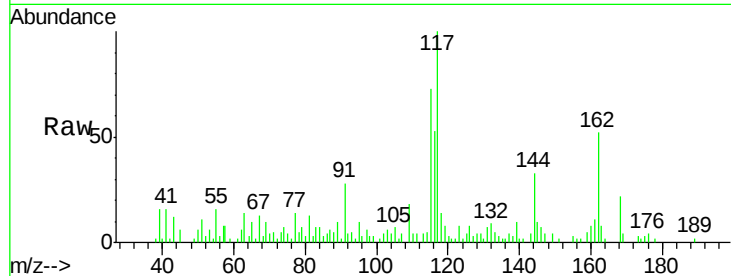




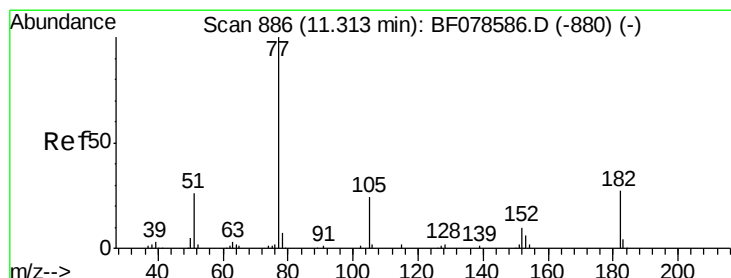
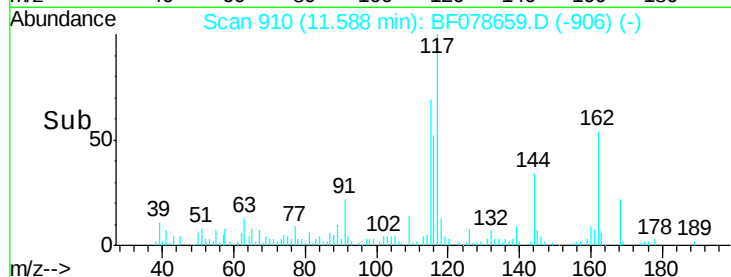
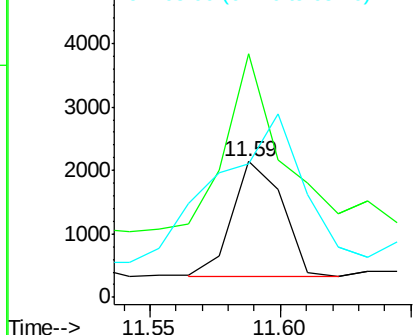
#55
4-Nitrophenol
Concen: 5.04 ng
RT: 11.59 min Scan# 910
Delta R.T. -0.06 min
Lab File: BF078659.D
Acq: 20 Apr 2015 22:48

Instrument :
BNA_F
ClientSampled :
MW-12

Tgt Ion:139 Resp: 2439
Ion Ratio Lower Upper
139 100
109 179.2 36.7 76.7#
65 97.9 49.9 89.9#

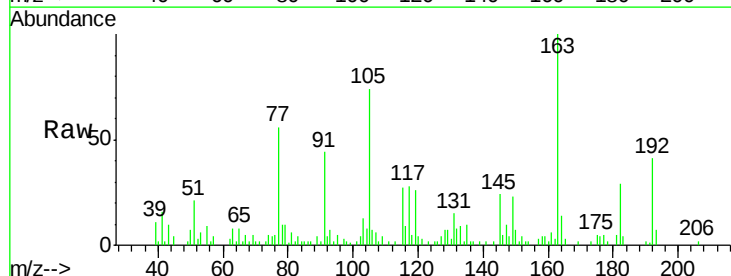


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

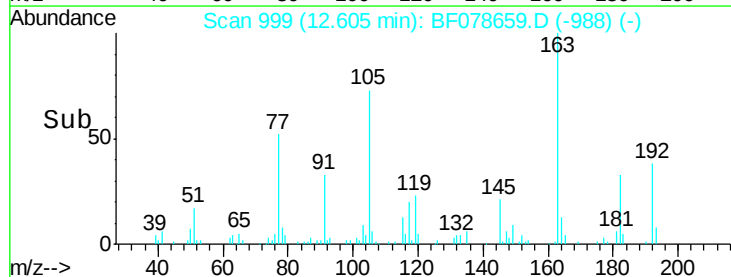
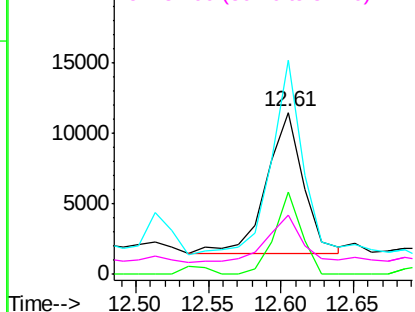


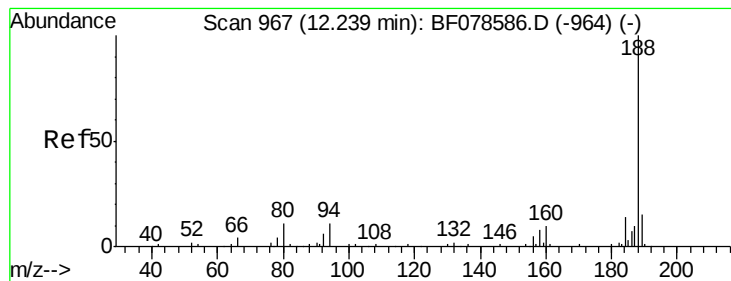
#62
Azobenzene
Concen: 3.36 ng
RT: 12.61 min Scan# 999
Delta R.T. 0.02 min
Lab File: BF078659.D
Acq: 20 Apr 2015 22:48

Tgt Ion: 77 Resp: 17751
Ion Ratio Lower Upper
77 100
182 51.0 0.0 36.8#
105 132.4 0.3 40.3#
51 36.6 9.1 49.1



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 13.94 min Scan# 1116

Delta R.T. 0.00 min

Lab File: BF078659.D

Acq: 20 Apr 2015 22:48

Instrument :

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ClientSampleId :

MW-12

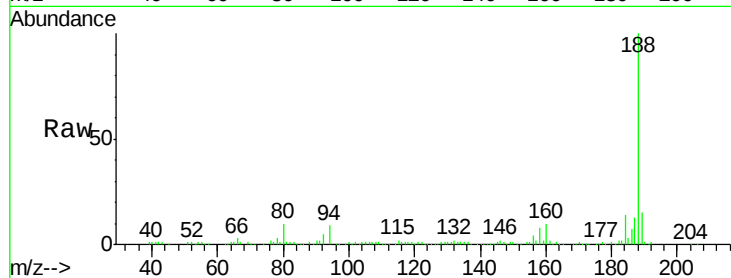
Tgt Ion:188 Resp: 154361

Ion Ratio Lower Upper

188 100

94 8.9 9.0 13.4#

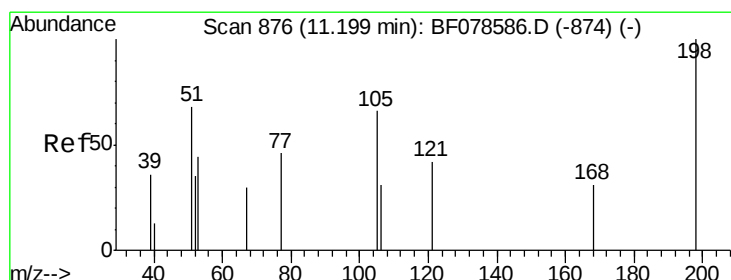
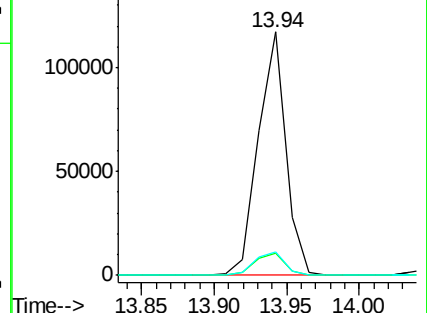
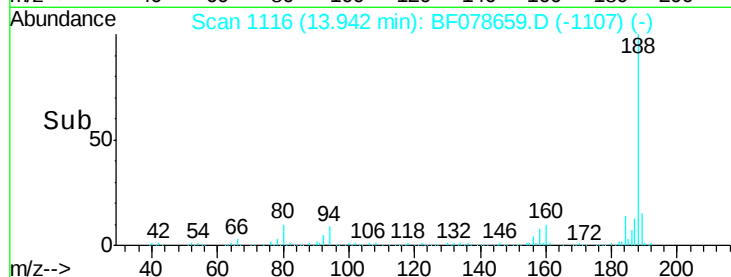
80 9.8 9.5 14.3



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



#64

4,6-Dinitro-2-methylphenol

Concen: 8.82 ng

RT: 12.45 min Scan# 985

Delta R.T. 0.02 min

Lab File: BF078659.D

Acq: 20 Apr 2015 22:48

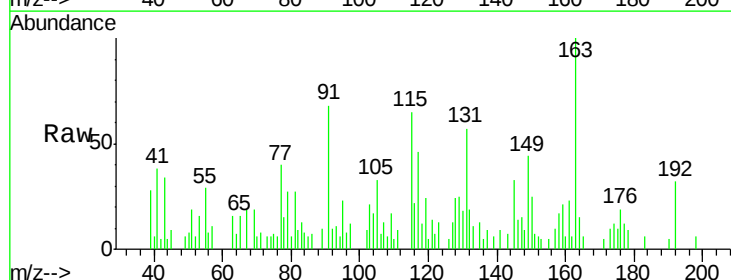
Tgt Ion:198 Resp: 240

Ion Ratio Lower Upper

198 100

51 322.3 48.6 88.6#

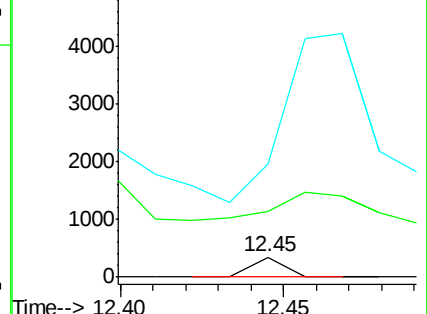
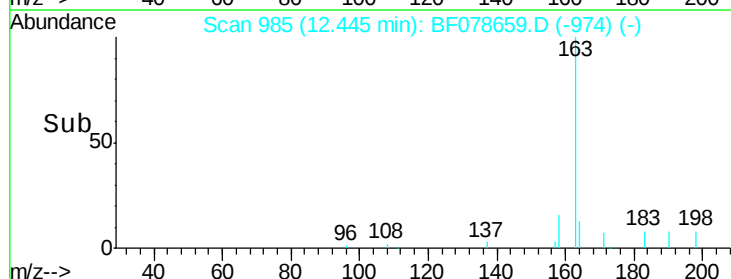
105 562.0 45.8 85.8#

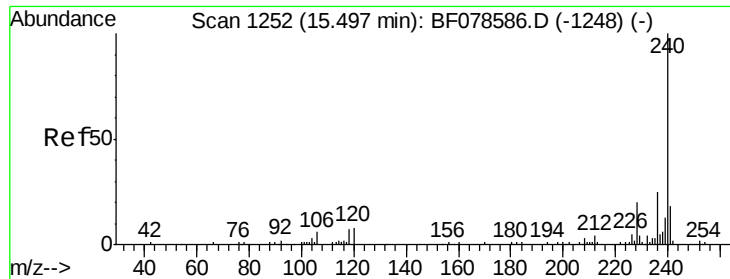


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 17.79 min Scan# 1453

Delta R.T. -0.01 min

Lab File: BF078659.D

Acq: 20 Apr 2015 22:48

Instrument :

BNA_F

ClientSampleId :

MW-12

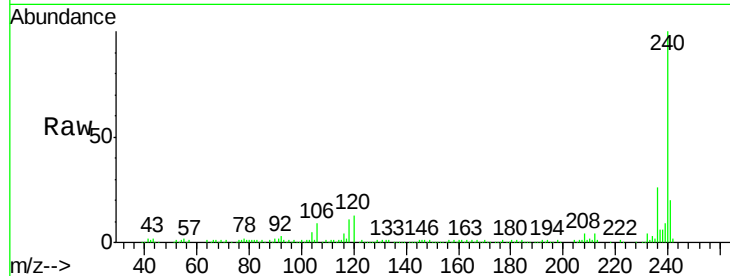
Tgt Ion:240 Resp: 152443

Ion Ratio Lower Upper

240 100

120 12.7 7.1 10.7#

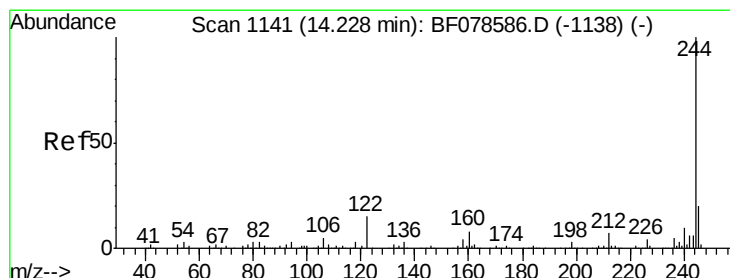
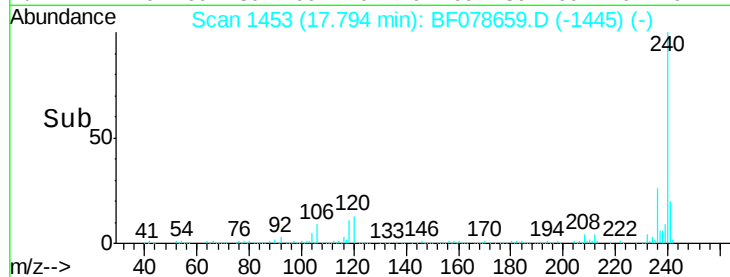
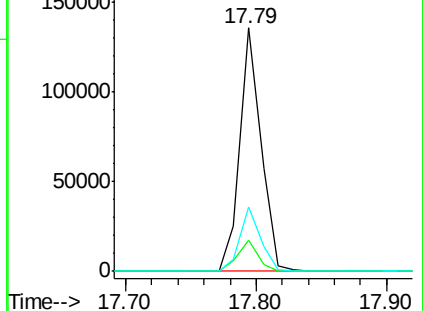
236 26.2 21.4 32.2



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



#78

Terphenyl-d14

Concen: 71.22 ng

RT: 16.47 min Scan# 1337

Delta R.T. 0.00 min

Lab File: BF078659.D

Acq: 20 Apr 2015 22:48

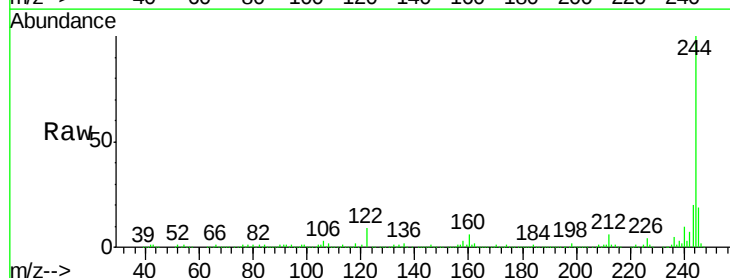
Tgt Ion:244 Resp: 480452

Ion Ratio Lower Upper

244 100

212 6.4 5.0 7.4

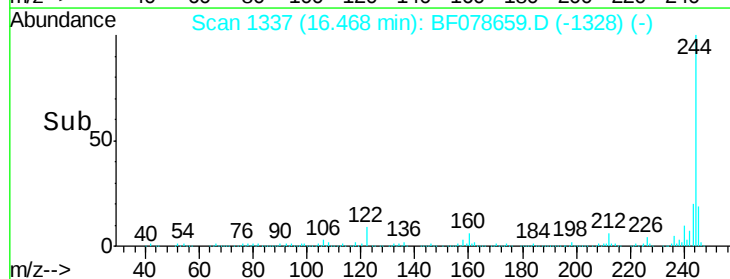
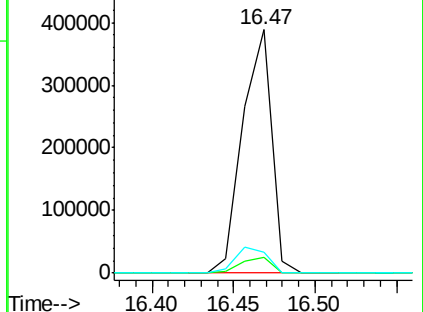
122 8.6 7.1 10.7

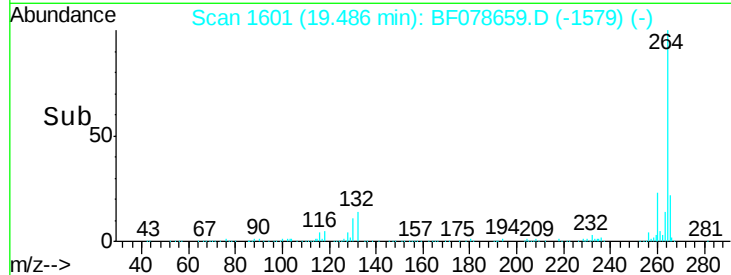
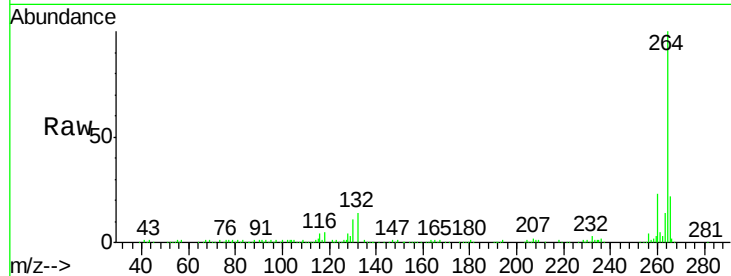
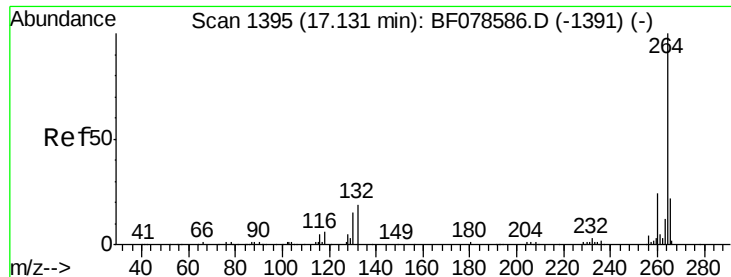


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.00 ng
RT: 19.49 min Scan# 1601
Delta R.T. -0.05 min
Lab File: BF078659.D
Acq: 20 Apr 2015 22:48

Instrument :
BNA_F
ClientSampleId :
MW-12

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.6	27.8
265	21.5	17.0	25.6

