

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031915\
 Data File : BF077852.D
 Acq On : 20 Mar 2015 3:22
 Operator : TP/IZ
 Sample : G1573-11
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-08

Quant Time: Mar 20 05:41:36 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 20 06:30:20 2015
 Response via : Initial Calibration

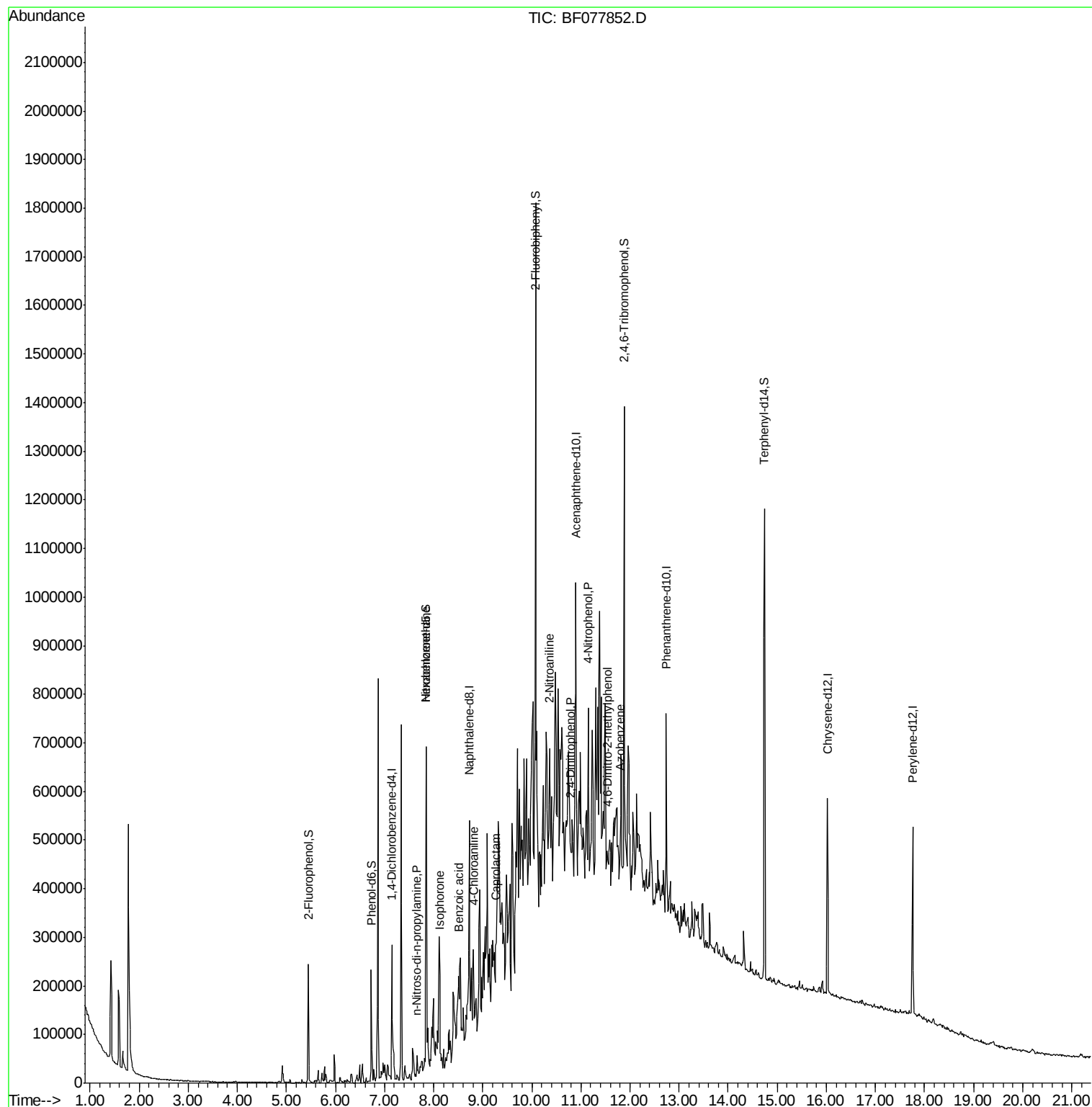
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.15	152	40789	20.00	ng	0.00
21) Naphthalene-d8	8.73	136	164796	20.00	ng	0.00
38) Acenaphthene-d10	10.90	164	97257	20.00	ng	0.00
63) Phenanthrene-d10	12.74	188	156185	20.00	ng	0.00
75) Chrysene-d12	16.02	240	175789	20.00	ng	-0.01
86) Perylene-d12	17.76	264	171366	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	108668	46.50	ng	0.01
7) Phenol-d6	6.73	99	84467	29.26	ng	0.00
23) Nitrobenzene-d5	7.85	82	217880	86.67	ng	0.00
41) 2,4,6-Tribromophenol	11.88	330	84233	90.52	ng	0.00
44) 2-Fluorobiphenyl	10.08	172	426718	64.48	ng	0.00
78) Terphenyl-d14	14.74	244	436512	60.66	ng	0.00
Target Compounds						Qvalue
18) Hexachloroethane	7.85	117	3583	3.40	ng	# 3
19) n-Nitroso-di-n-propylamine	7.65	70	5352	2.68	ng	# 40
25) Isophorone	8.12	82	14691	2.89	ng	# 47
32) Benzoic acid	8.51	122	942	3.75	ng	# 32
33) 4-Chloroaniline	8.81	127	22454	6.54	ng	# 62
35) Caprolactam	9.26	113	2944	4.37	ng	# 1
47) 2-Nitroaniline	10.36	65	5663	3.61	ng	# 54
53) 2,4-Dinitrophenol	10.78	184	208	8.40	ng	# 1
55) 4-Nitrophenol	11.15	139	3794	2.95	ng	# 1
62) Azobenzene	11.80	77	16612	2.47	ng	# 42
64) 4,6-Dinitro-2-methylphenol	11.54	198	244	4.60	ng	# 1
76) Benzidine	14.40	184	486	Below Cal		# 1

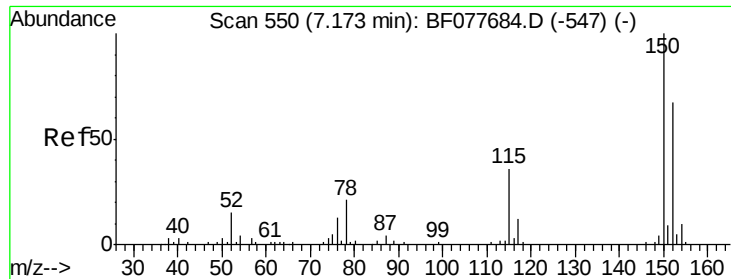
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.15 min Scan# 548

Delta R.T. -0.00 min

Lab File: BF077852.D

Acq: 20 Mar 2015 3:22

Instrument :

BNA_F

ClientSampleId :

MW-08

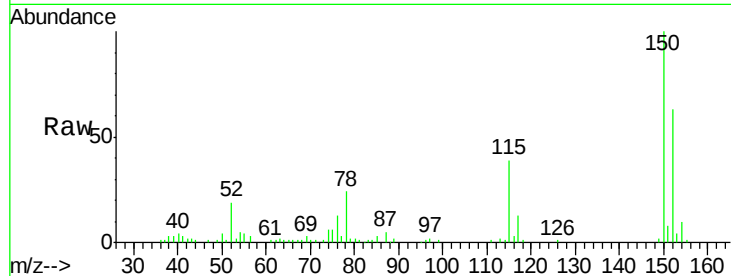
Tgt Ion:152 Resp: 40789

Ion Ratio Lower Upper

152 100

150 158.2 119.5 179.3

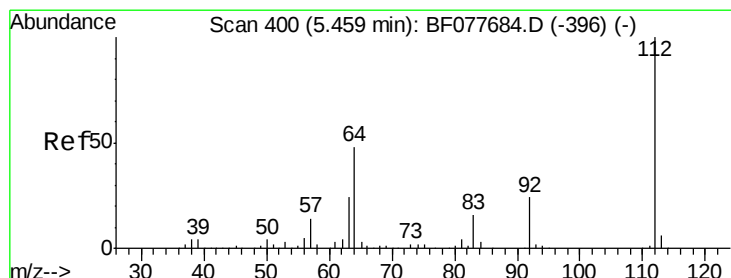
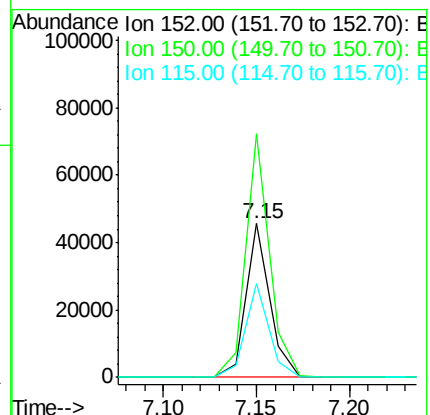
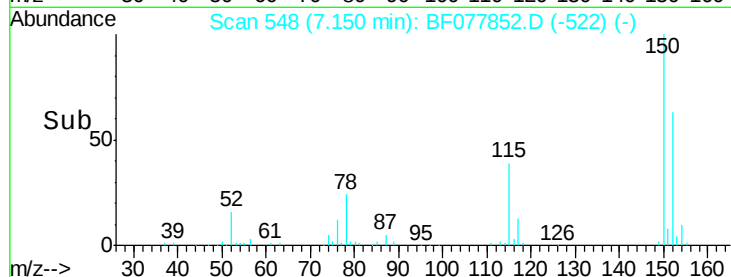
115 61.0 43.0 64.4



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: 46.50 ng

RT: 5.45 min Scan# 399

Delta R.T. 0.01 min

Lab File: BF077852.D

Acq: 20 Mar 2015 3:22

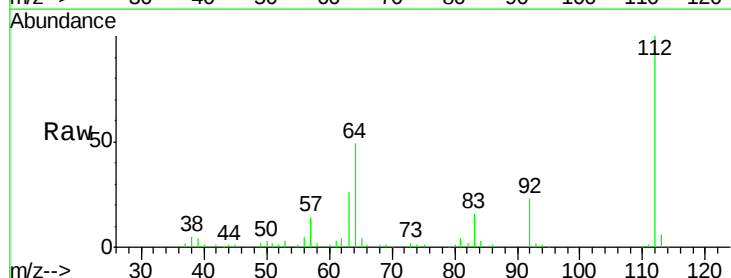
Tgt Ion:112 Resp: 108668

Ion Ratio Lower Upper

112 100

64 49.0 38.6 57.8

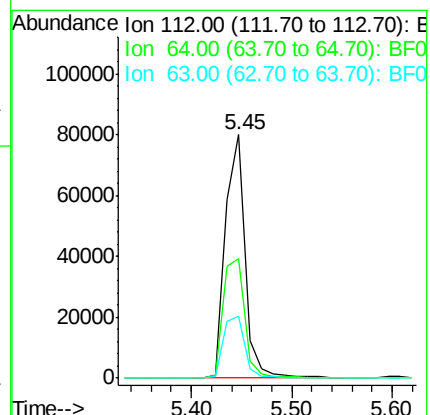
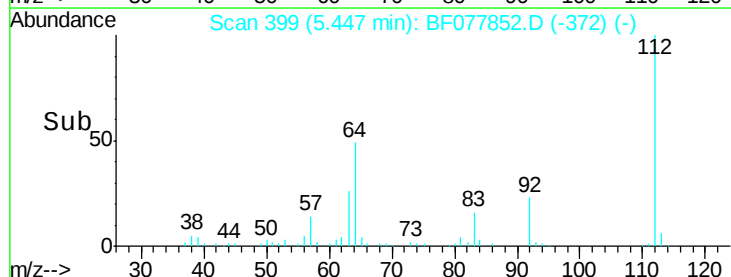
63 25.6 19.3 28.9

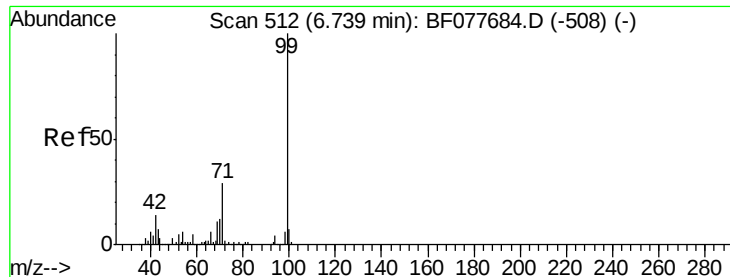


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 29.26 ng

RT: 6.73 min Scan# 511

Delta R.T. -0.00 min

Lab File: BF077852.D

Acq: 20 Mar 2015 3:22

Instrument :

BNA_F

ClientSampleId :

MW-08

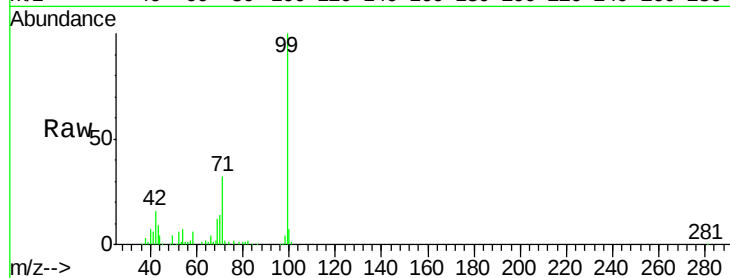
Tgt Ion: 99 Resp: 84467

Ion Ratio Lower Upper

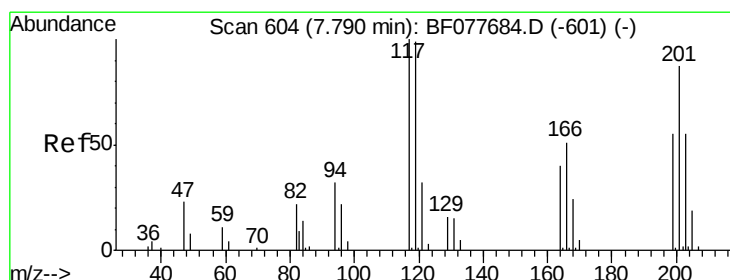
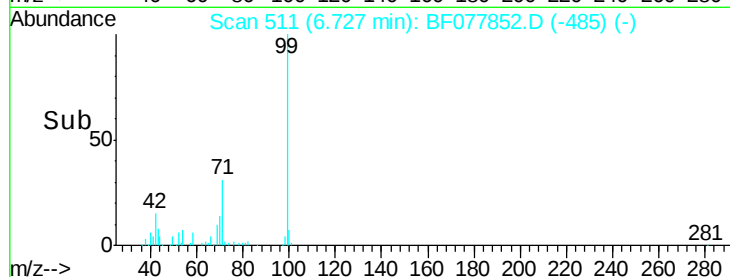
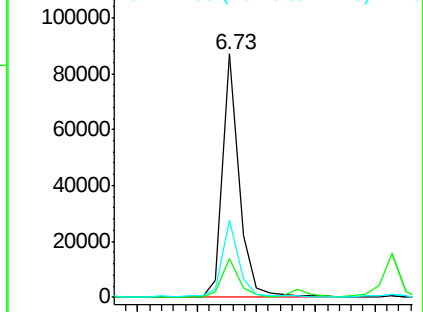
99 100

42 16.2 11.0 16.4

71 31.7 23.4 35.2



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



#18

Hexachloroethane

Concen: 3.40 ng

RT: 7.85 min Scan# 609

Delta R.T. 0.08 min

Lab File: BF077852.D

Acq: 20 Mar 2015 3:22

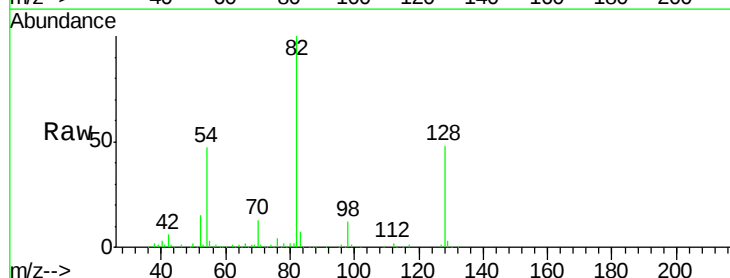
Tgt Ion: 117 Resp: 3583

Ion Ratio Lower Upper

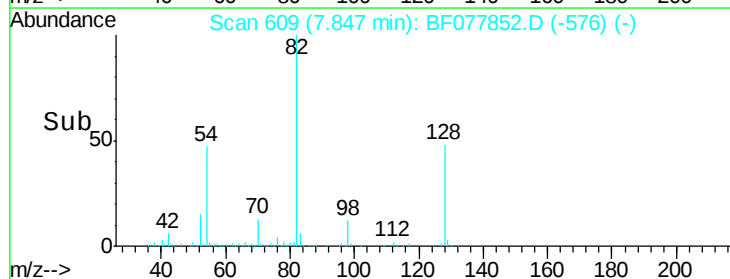
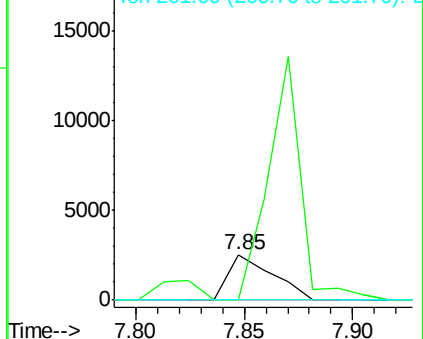
117 100

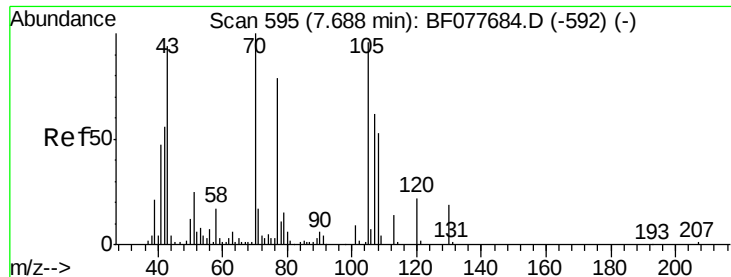
119 0.0 79.2 118.8#

201 0.0 69.8 104.6#



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

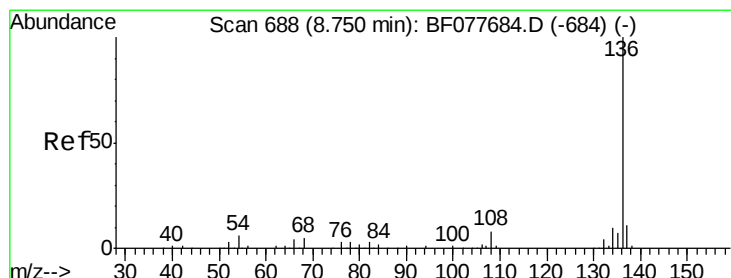
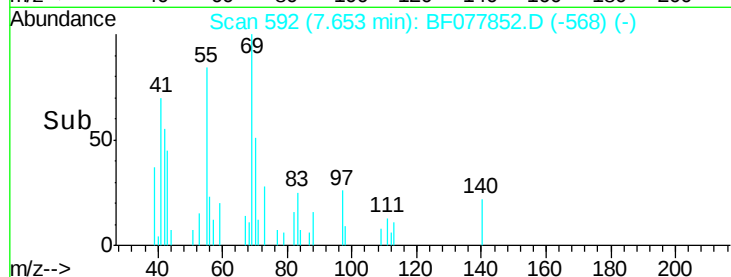
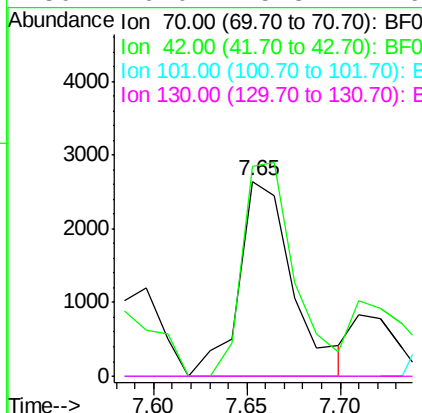
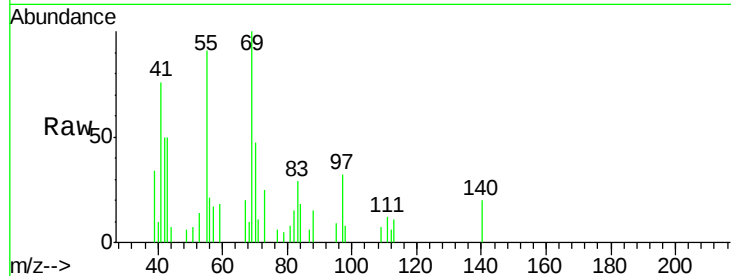




#19
n-Nitroso-di-n-propylamine
Concen: 2.68 ng
RT: 7.65 min Scan# 592
Delta R.T. -0.02 min
Lab File: BF077852.D
Acq: 20 Mar 2015 3:22

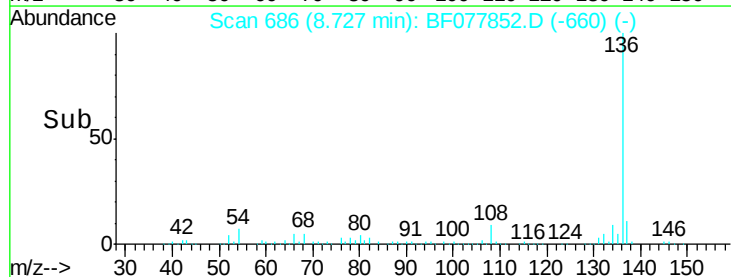
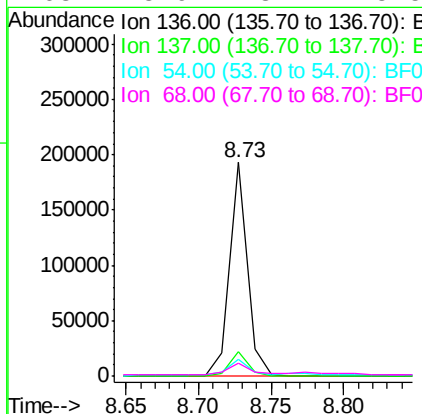
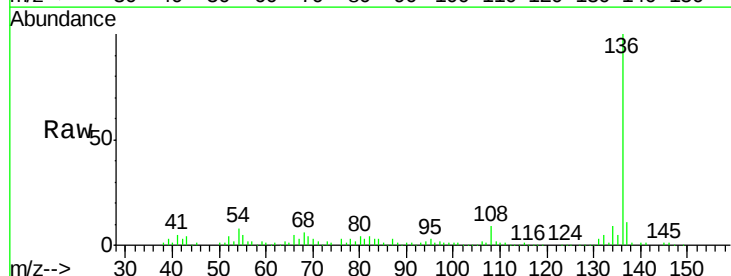
Instrument :
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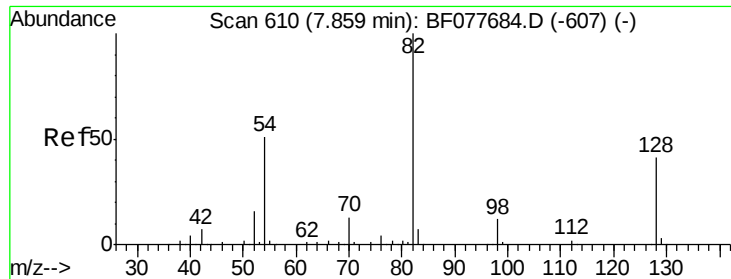
Tgt Ion: 70 Resp: 5352
Ion Ratio Lower Upper
70 100
42 107.9 44.5 66.7#
101 0.0 7.4 11.2#
130 0.0 15.3 22.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.73 min Scan# 686
Delta R.T. -0.00 min
Lab File: BF077852.D
Acq: 20 Mar 2015 3:22

Tgt Ion: 136 Resp: 164796
Ion Ratio Lower Upper
136 100
137 11.1 8.7 13.1
54 7.7 4.6 6.8#
68 5.9 3.7 5.5#

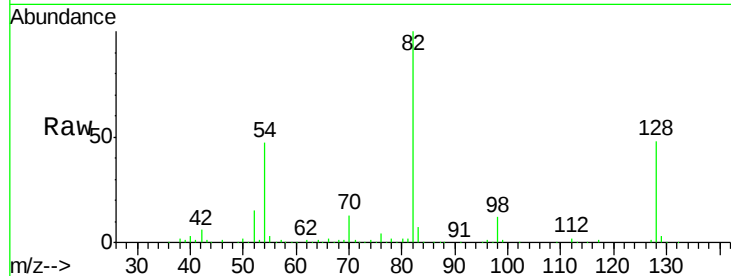




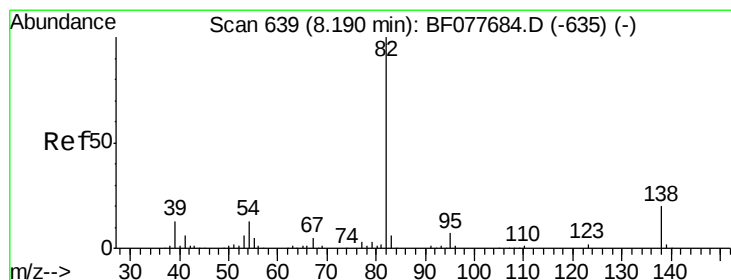
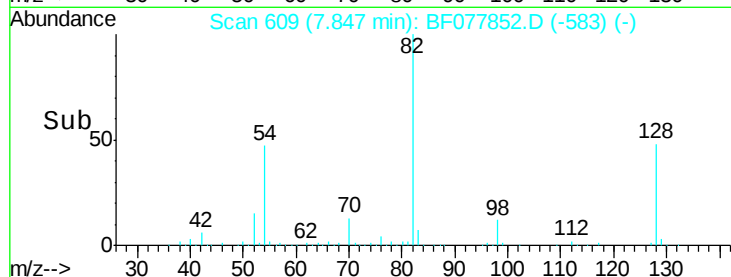
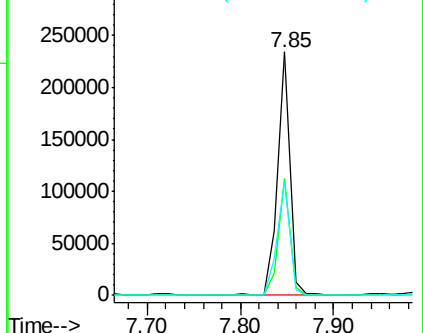
#23
Nitrobenzene-d5
Concen: 86.67 ng
RT: 7.85 min Scan# 609
Delta R.T. -0.00 min
Lab File: BF077852.D
Acq: 20 Mar 2015 3:22

Instrument :
BNA_F
ClientSampleId :
MW-08

Tgt Ion: 82 Resp: 217880
Ion Ratio Lower Upper
82 100
128 47.8 32.8 49.2
54 46.8 40.6 60.8

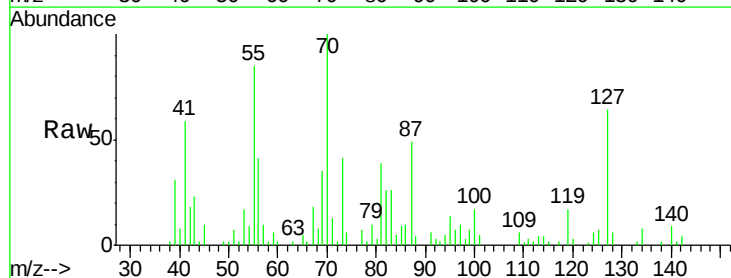


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

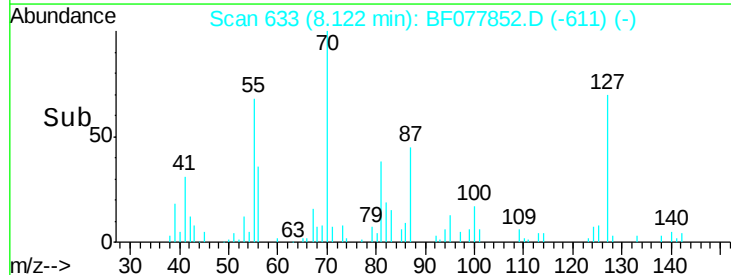
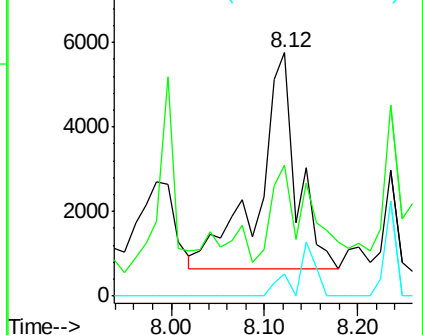


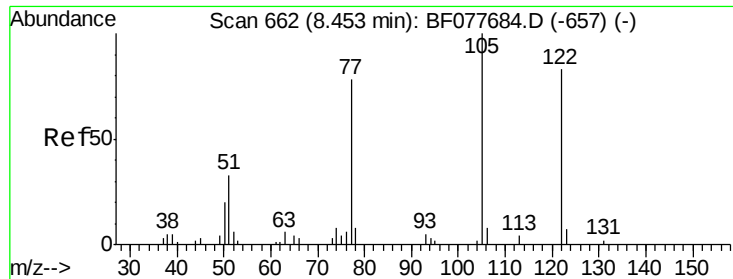
#25
Isophorone
Concen: 2.89 ng
RT: 8.12 min Scan# 633
Delta R.T. -0.05 min
Lab File: BF077852.D
Acq: 20 Mar 2015 3:22

Tgt Ion: 82 Resp: 14691
Ion Ratio Lower Upper
82 100
95 54.1 5.8 8.6#
138 9.1 16.3 24.5#



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0





#32

Benzoic acid

Concen: 3.75 ng

RT: 8.51 min Scan# 667

Delta R.T. 0.05 min

Lab File: BF077852.D

Acq: 20 Mar 2015 3:22

Instrument :

BNA_F

ClientSampled :

MW-08

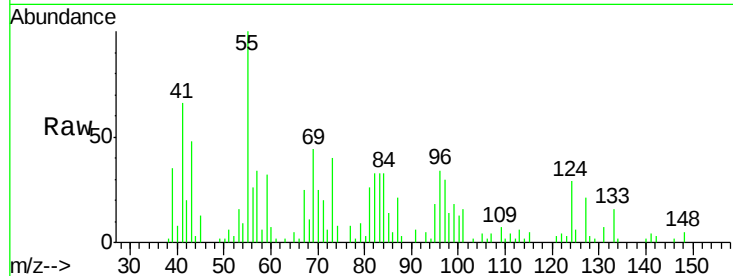
Tgt Ion:122 Resp: 942

Ion Ratio Lower Upper

122 100

105 102.2 99.9 139.9

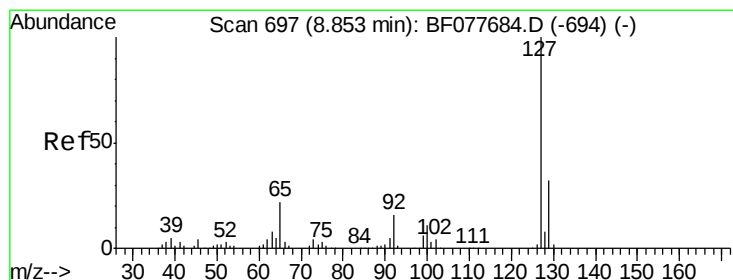
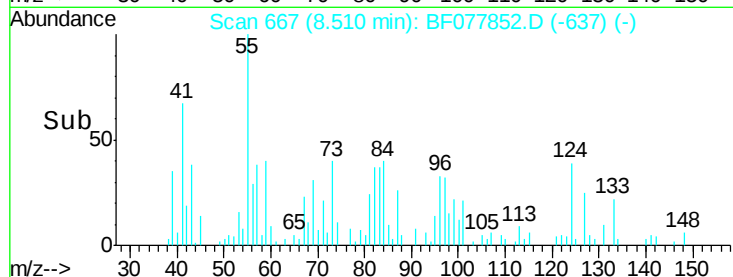
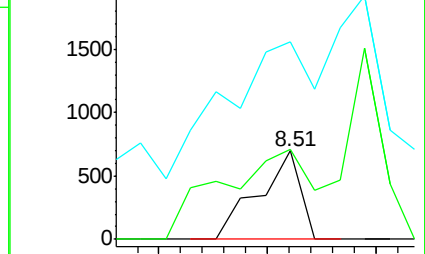
77 223.1 73.7 113.7#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0



#33

4-Chloroaniline

Concen: 6.54 ng

RT: 8.81 min Scan# 693

Delta R.T. -0.02 min

Lab File: BF077852.D

Acq: 20 Mar 2015 3:22

Tgt Ion:127 Resp: 22454

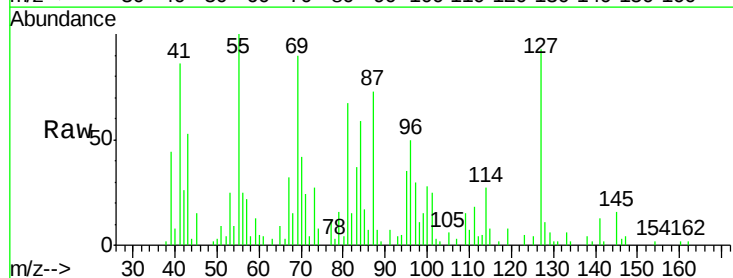
Ion Ratio Lower Upper

127 100

129 6.3 25.3 37.9#

65 9.3 17.6 26.4#

92 0.0 13.1 19.7#

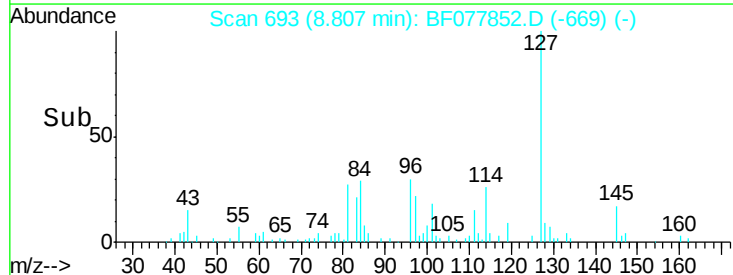
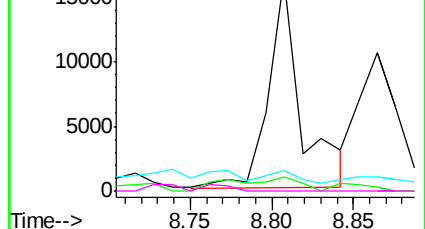


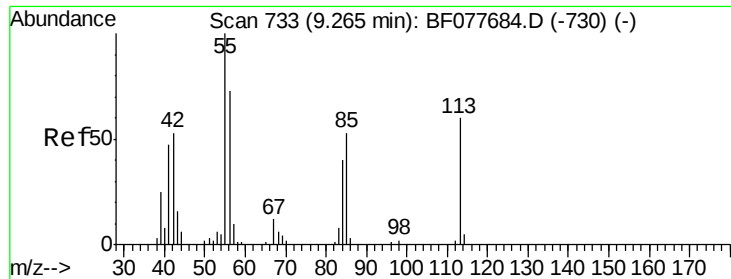
Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

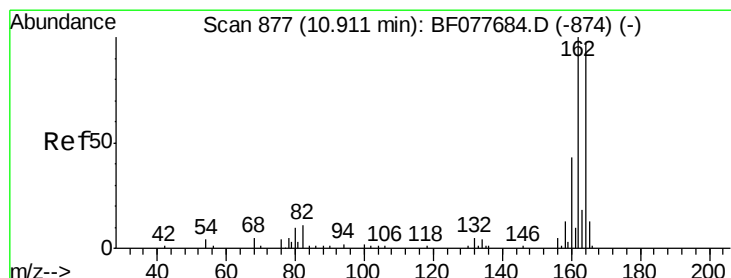
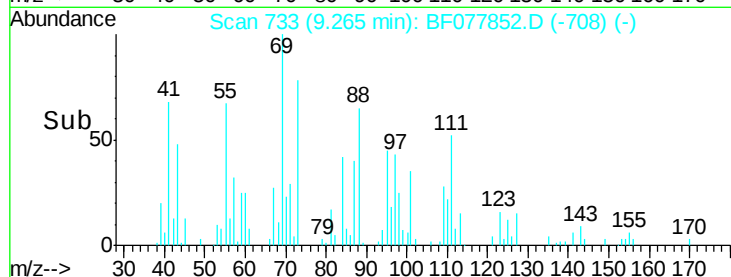
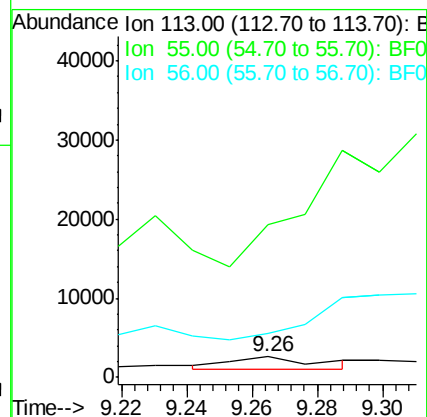
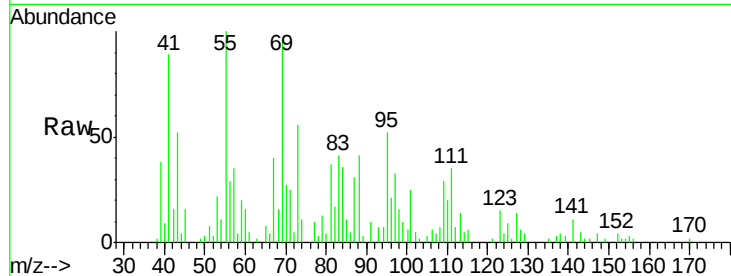




#35
 Caprolactam
 Concen: 4.37 ng
 RT: 9.26 min Scan# 733
 Delta R.T. -0.01 min
 Lab File: BF077852.D
 Acq: 20 Mar 2015 3:22

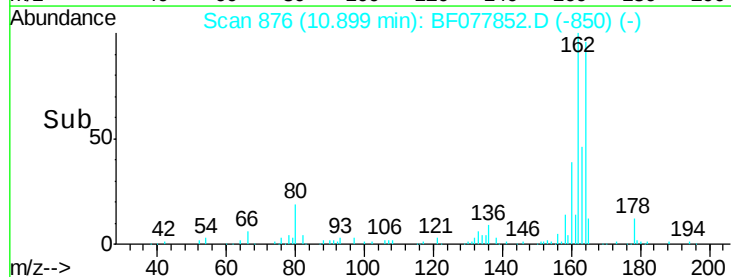
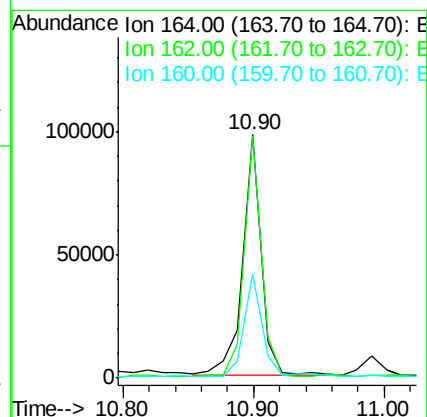
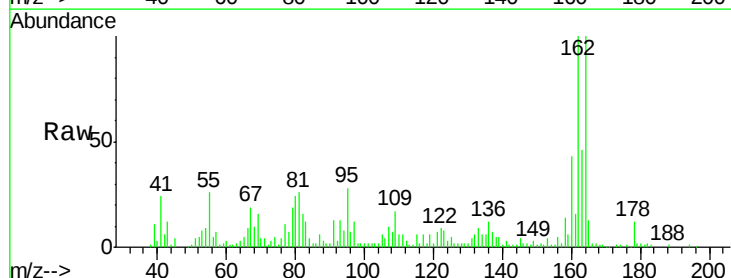
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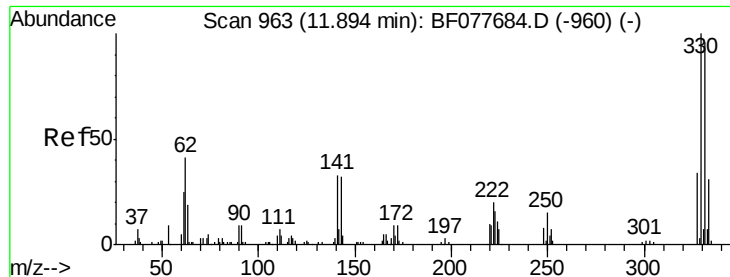
Tgt Ion:113 Resp: 2944
 Ion Ratio Lower Upper
 113 100
 55 738.0 145.9 185.9#
 56 213.6 101.0 141.0#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.90 min Scan# 876
 Delta R.T. -0.00 min
 Lab File: BF077852.D
 Acq: 20 Mar 2015 3:22

Tgt Ion:164 Resp: 97257
 Ion Ratio Lower Upper
 164 100
 162 99.7 82.4 123.6
 160 42.6 35.8 53.6

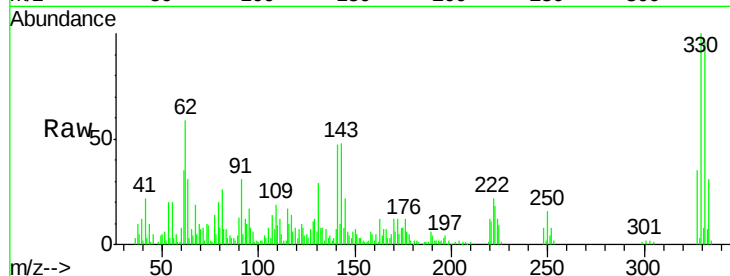




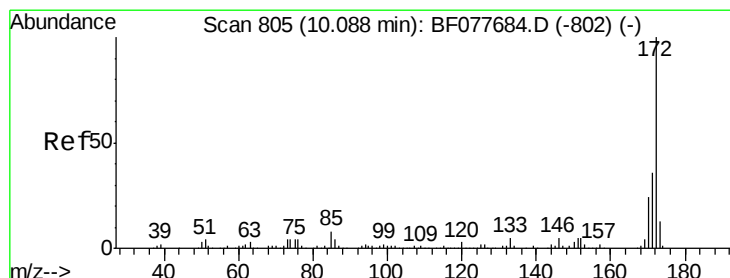
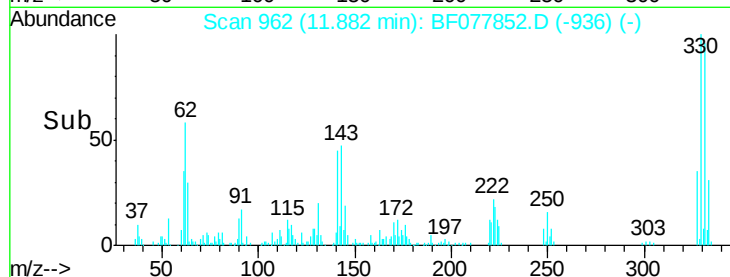
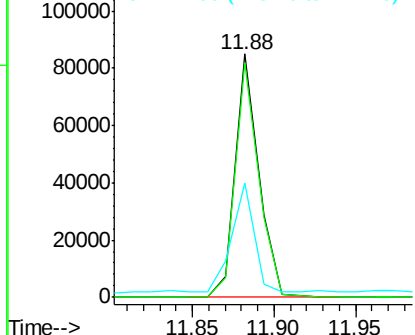
#41
 2,4,6-Tribromophenol
 Concen: 90.52 ng
 RT: 11.88 min Scan# 962
 Delta R.T. -0.00 min
 Lab File: BF077852.D
 Acq: 20 Mar 2015 3:22

Instrument :
 BNA_F
 ClientSampleId :
 MW-08

Tgt Ion:330 Resp: 84233
 Ion Ratio Lower Upper
 330 100
 332 96.2 0.0 0.0#
 141 42.9 0.0 0.0#

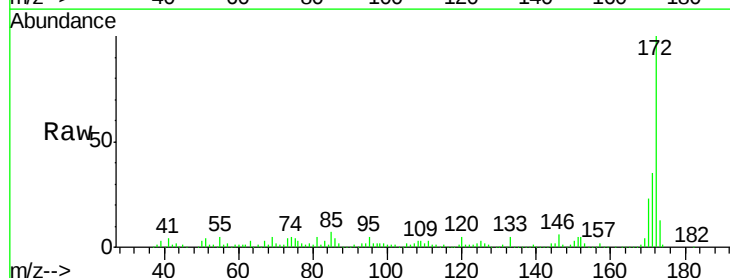


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

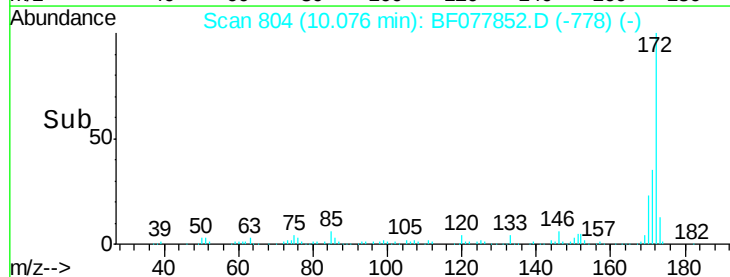
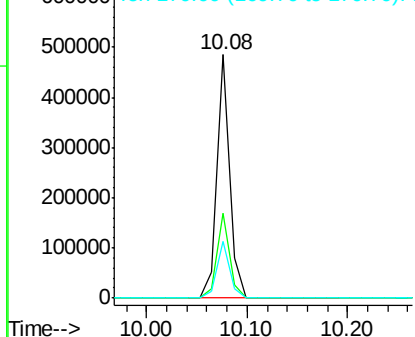


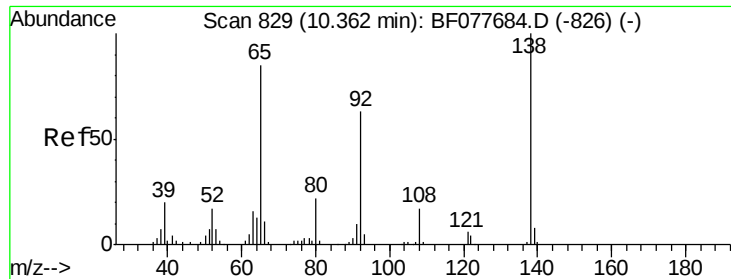
#44
 2-Fluorobiphenyl
 Concen: 64.48 ng
 RT: 10.08 min Scan# 804
 Delta R.T. -0.00 min
 Lab File: BF077852.D
 Acq: 20 Mar 2015 3:22

Tgt Ion:172 Resp: 426718
 Ion Ratio Lower Upper
 172 100
 171 34.9 28.5 42.7
 170 23.1 18.8 28.2



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





#47

2-Nitroaniline

Concen: 3.61 ng

RT: 10.36 min Scan# 829

Delta R.T. 0.01 min

Lab File: BF077852.D

Acq: 20 Mar 2015 3:22

Instrument :

BNA_F

ClientSampled :

MW-08

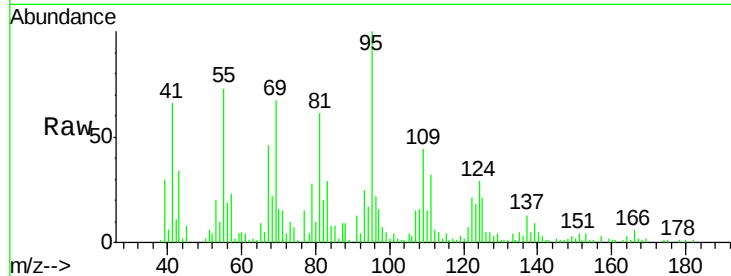
Tgt Ion: 65 Resp: 5663

Ion Ratio Lower Upper

65 100

92 43.2 59.1 88.7#

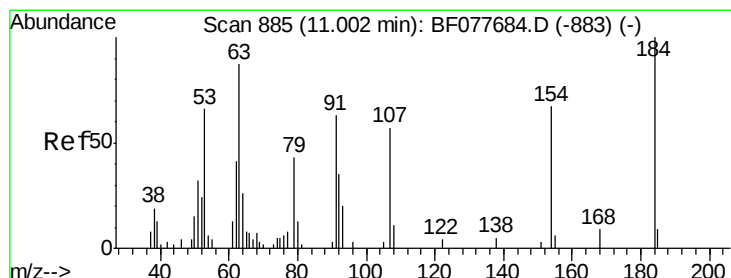
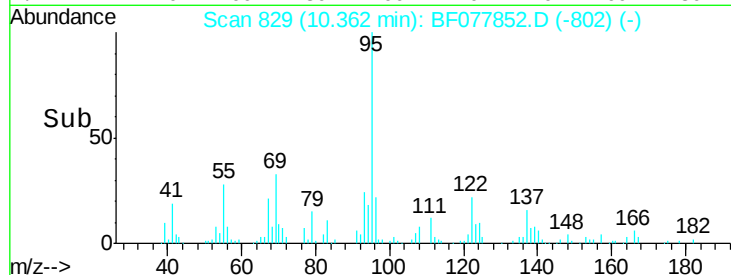
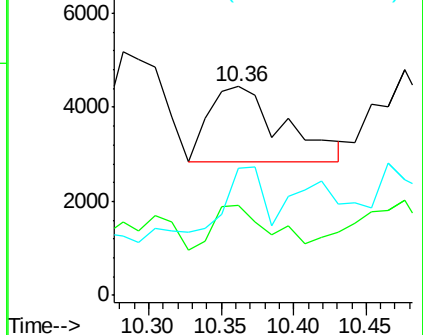
138 60.9 93.9 140.9#



Abundance Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

Ion 138.00 (137.70 to 138.70): E



#53

2,4-Dinitrophenol

Concen: 8.40 ng

RT: 10.78 min Scan# 866

Delta R.T. -0.22 min

Lab File: BF077852.D

Acq: 20 Mar 2015 3:22

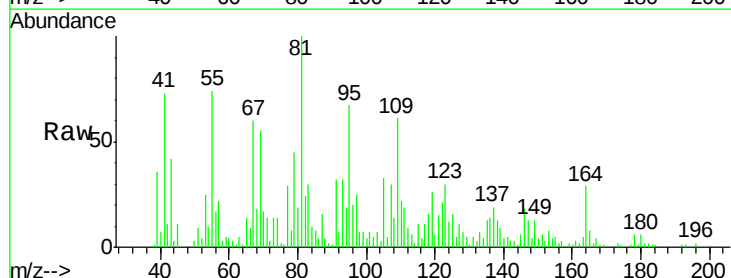
Tgt Ion: 184 Resp: 208

Ion Ratio Lower Upper

184 100

63 484.8 69.2 103.8#

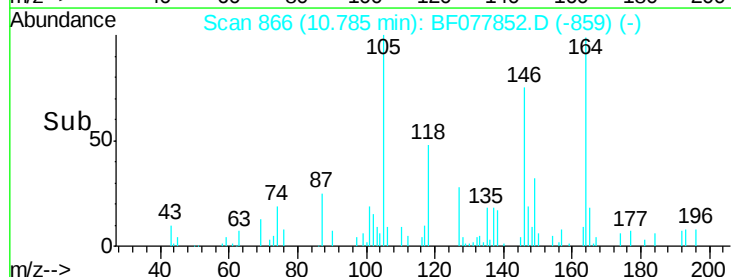
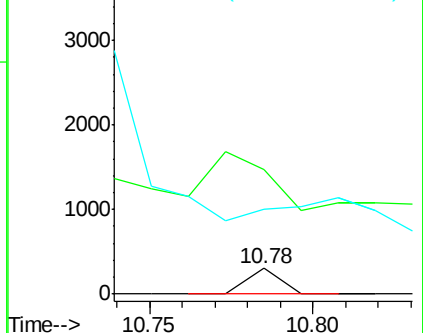
154 333.0 53.3 79.9#

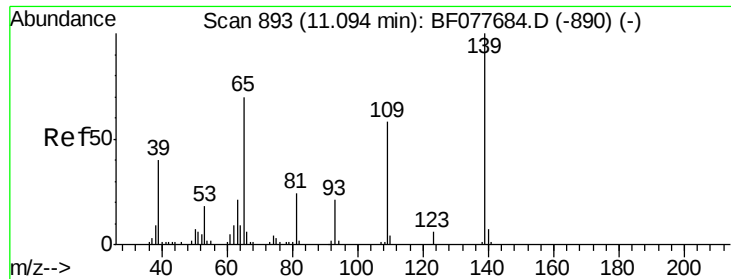


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E

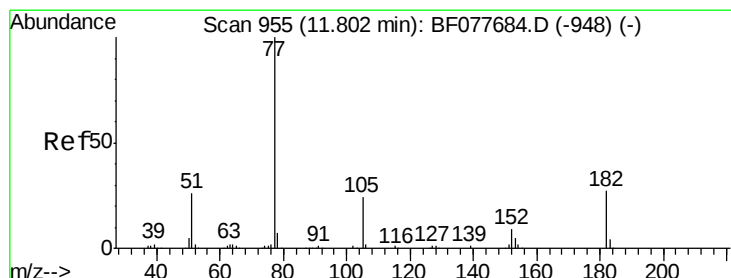
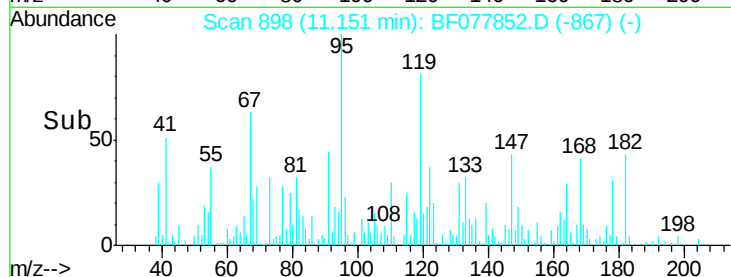
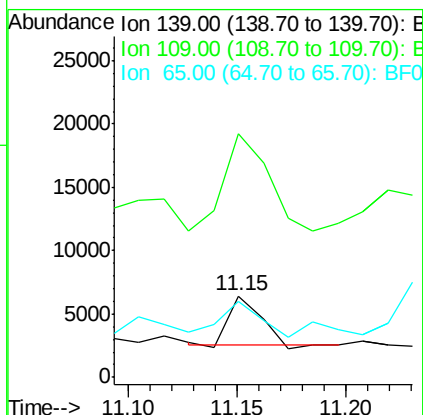
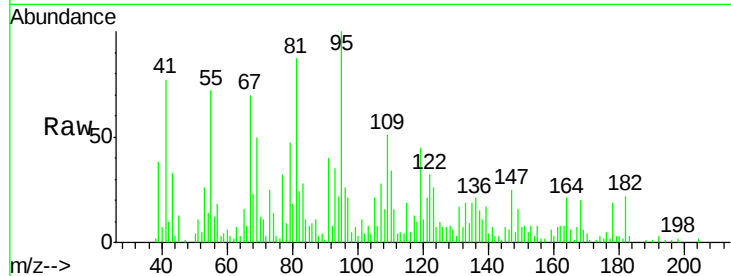




#55
4-Nitrophenol
Concen: 2.95 ng
RT: 11.15 min Scan# 898
Delta R.T. 0.06 min
Lab File: BF077852.D
Acq: 20 Mar 2015 3:22

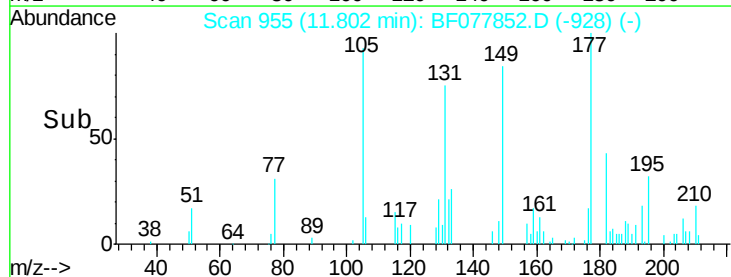
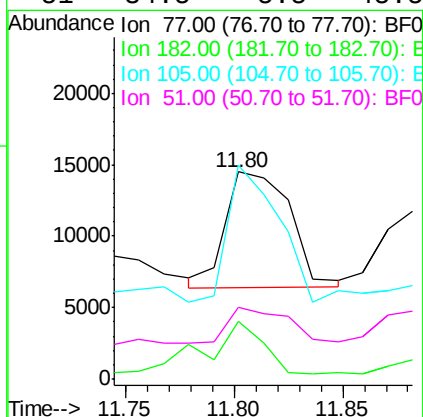
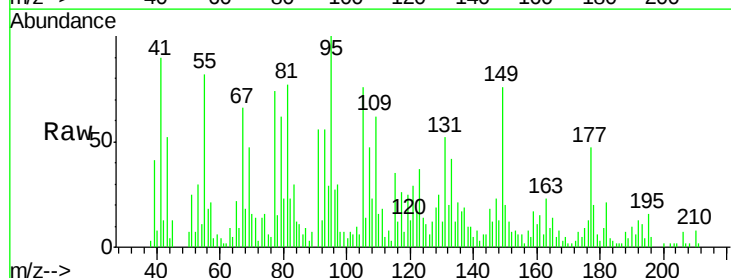
Instrument :
BNA_F
ClientSampled :
MW-08

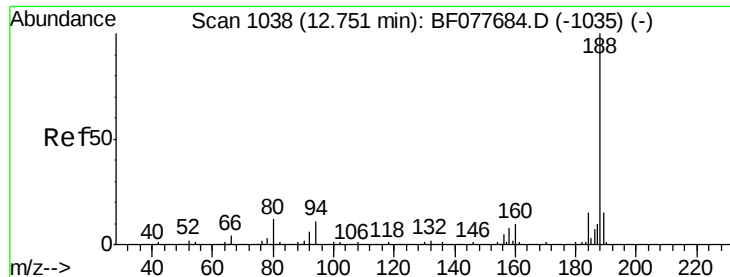
Tgt Ion:139 Resp: 3794
Ion Ratio Lower Upper
139 100
109 299.9 37.7 77.7#
65 92.8 49.9 89.9#



#62
Azobenzene
Concen: 2.47 ng
RT: 11.80 min Scan# 955
Delta R.T. 0.01 min
Lab File: BF077852.D
Acq: 20 Mar 2015 3:22

Tgt Ion: 77 Resp: 16612
Ion Ratio Lower Upper
77 100
182 28.0 6.5 46.5
105 103.2 3.8 43.8#
51 34.5 5.5 45.5

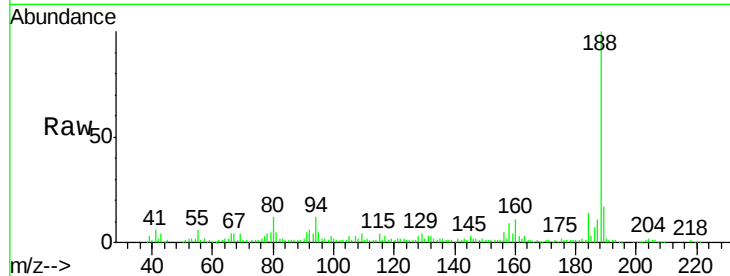




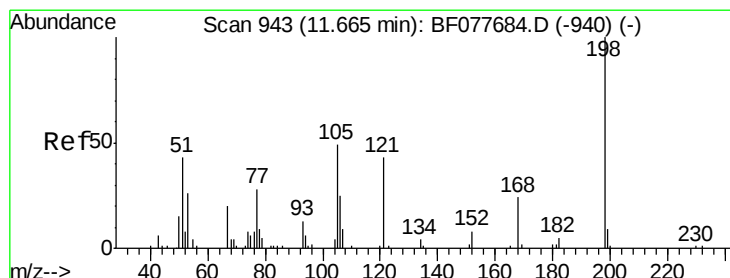
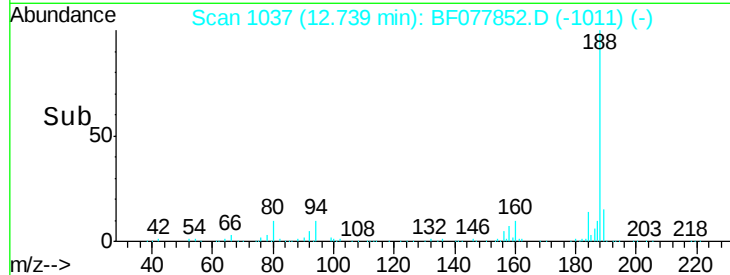
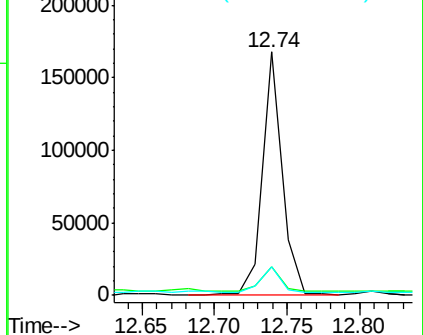
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.74 min Scan# 1037
Delta R.T. -0.00 min
Lab File: BF077852.D
Acq: 20 Mar 2015 3:22

Instrument :
BNA_F
ClientSampleId :
MW-08

Tgt Ion:188 Resp: 156185
Ion Ratio Lower Upper
188 100
94 11.7 8.7 13.1
80 11.9 9.3 13.9

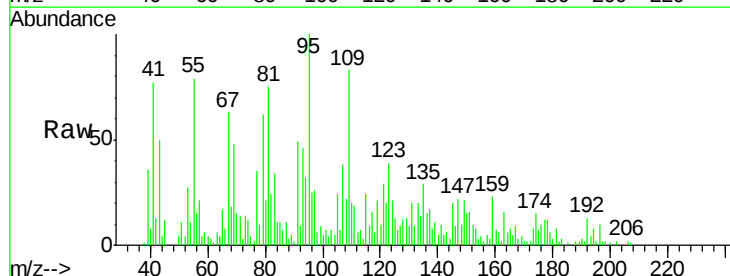


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

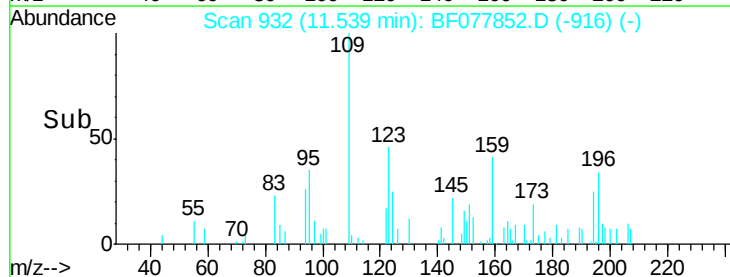
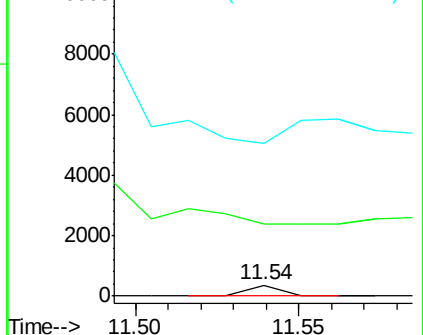


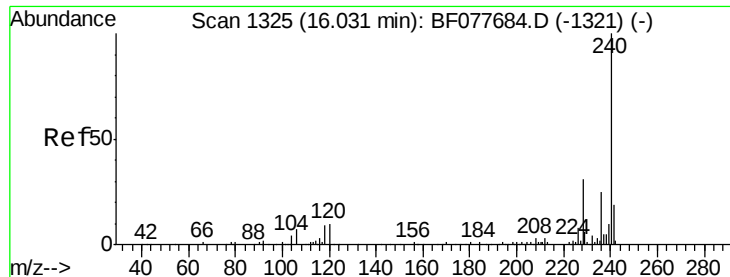
#64
4,6-Dinitro-2-methylphenol
Concen: 4.60 ng
RT: 11.54 min Scan# 932
Delta R.T. -0.11 min
Lab File: BF077852.D
Acq: 20 Mar 2015 3:22

Tgt Ion:198 Resp: 244
Ion Ratio Lower Upper
198 100
51 667.7 28.8 68.8#
105 1416.0 30.5 70.5#



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: 16.02 min Scan# 1324

Delta R.T. -0.01 min

Lab File: BF077852.D

Acq: 20 Mar 2015 3:22

Instrument :

BNA_F

ClientSampleId :

MW-08

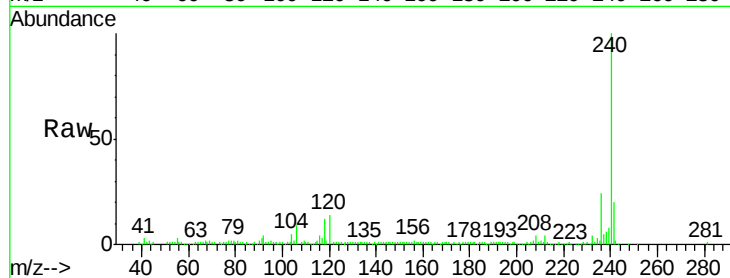
Tgt Ion:240 Resp: 175789

Ion Ratio Lower Upper

240 100

120 13.5 8.2 12.2#

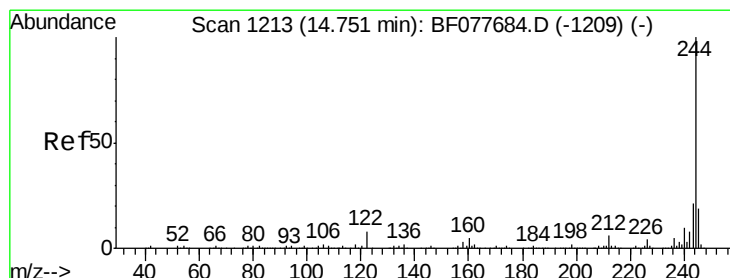
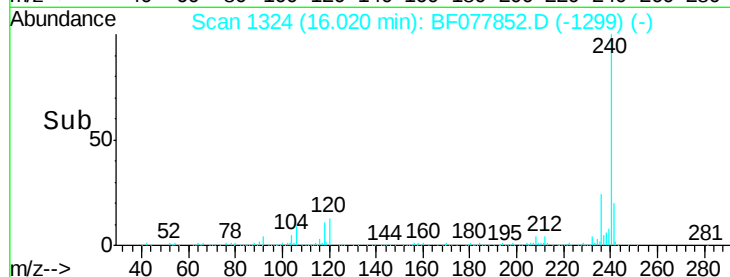
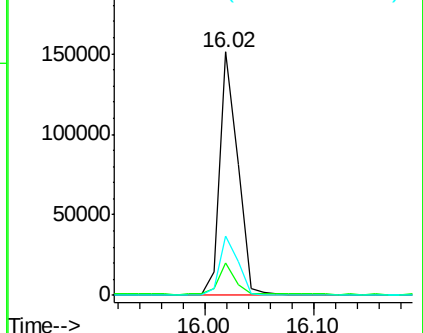
236 24.4 20.0 30.0



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: 60.66 ng

RT: 14.74 min Scan# 1212

Delta R.T. -0.00 min

Lab File: BF077852.D

Acq: 20 Mar 2015 3:22

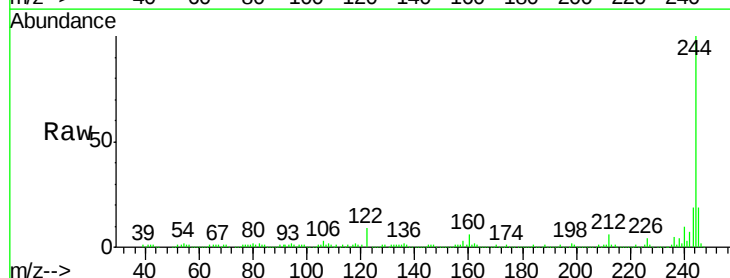
Tgt Ion:244 Resp: 436512

Ion Ratio Lower Upper

244 100

212 6.2 4.9 7.3

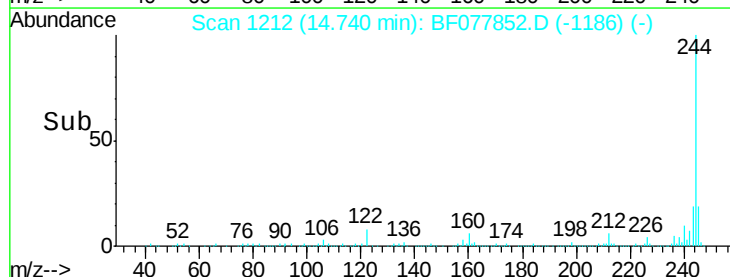
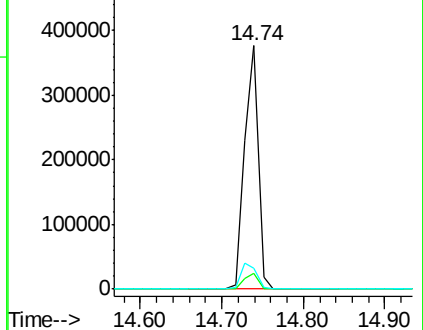
122 8.8 6.2 9.4

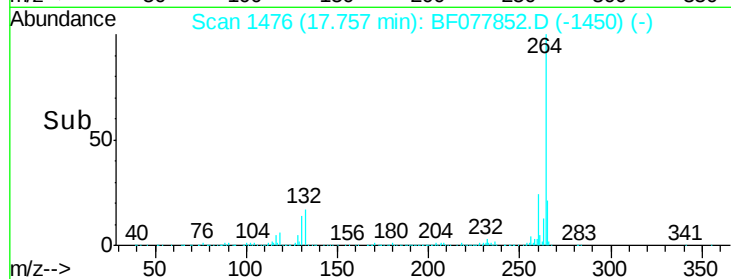
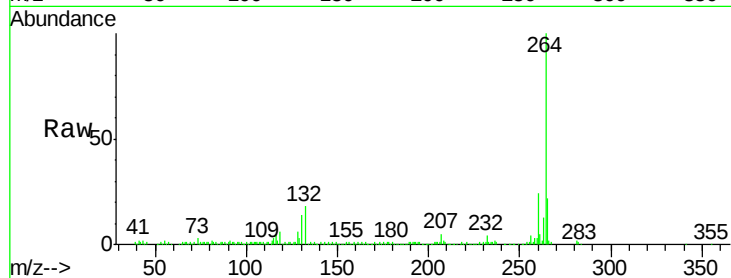
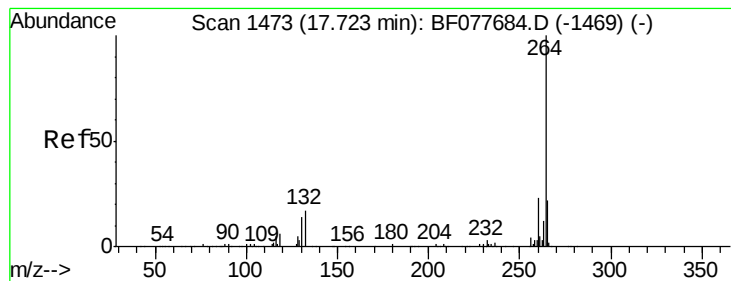


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86

Perylene-d12

Concen: 20.00 ng

RT: 17.76 min Scan# 1476

Delta R.T. -0.00 min

Lab File: BF077852.D

Acq: 20 Mar 2015 3:22

Instrument :

BNA_F

ClientSampleId :

MW-08

Tgt Ion: 264 Resp: 171366

Ion Ratio Lower Upper

264 100

260 23.7 18.6 27.8

265 21.7 17.3 25.9

