

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031315\
 Data File : BF077742.D
 Acq On : 13 Mar 2015 16:22
 Operator : TP/IZ
 Sample : G1517-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW3

Quant Time: Mar 13 23:27:45 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 13 14:04:45 2015
 Response via : Initial Calibration

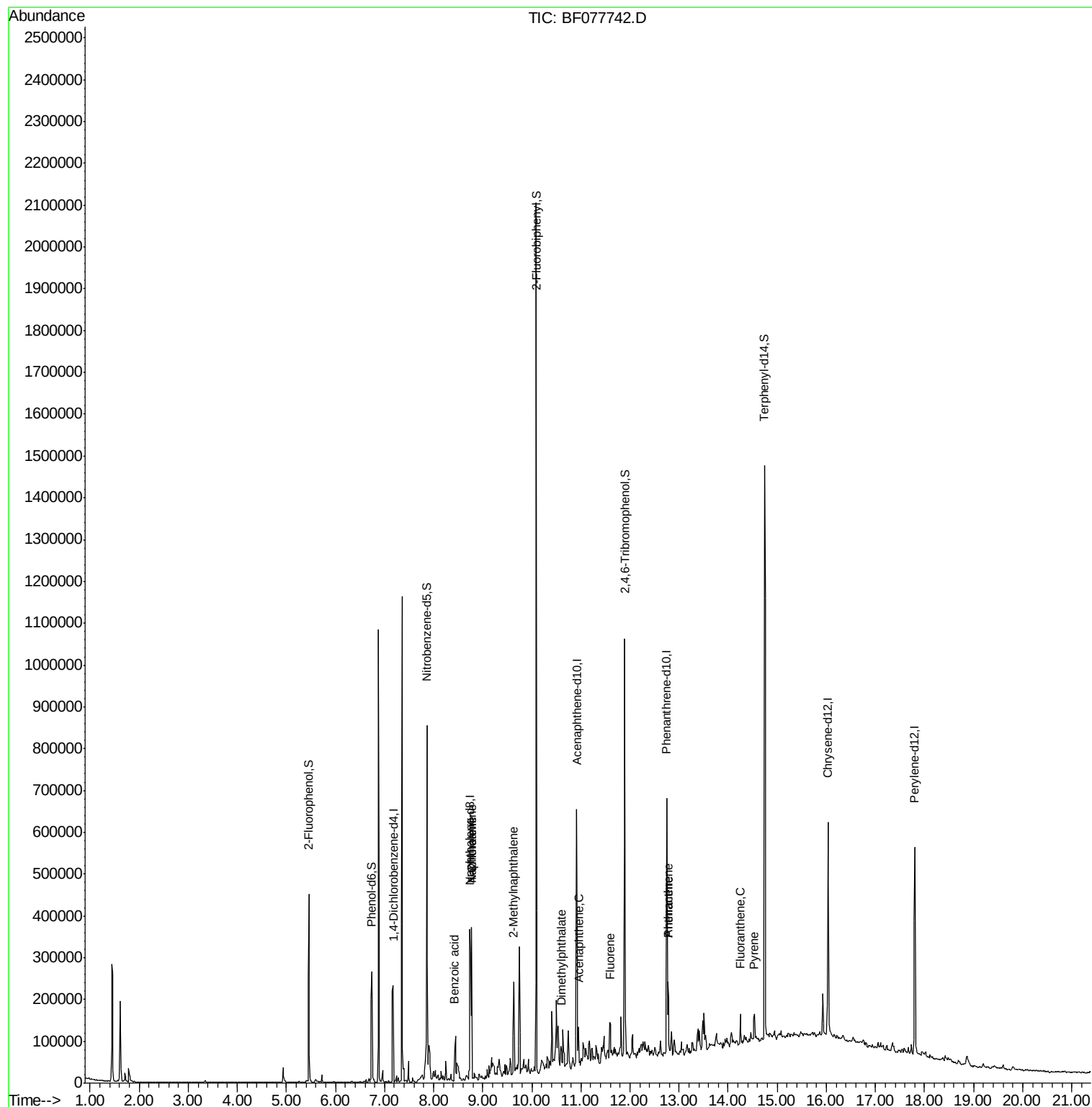
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.17	152	55743	20.00	ng	0.00
21) Naphthalene-d8	8.74	136	233044	20.00	ng	-0.01
38) Acenaphthene-d10	10.91	164	122307	20.00	ng	0.00
63) Phenanthrene-d10	12.75	188	232935	20.00	ng	0.00
75) Chrysene-d12	16.03	240	244043	20.00	ng	0.00
86) Perylene-d12	17.80	264	236819	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	167677	52.51	ng	0.00
7) Phenol-d6	6.74	99	131319	33.28	ng	0.00
23) Nitrobenzene-d5	7.86	82	284622	80.06	ng	0.00
41) 2,4,6-Tribromophenol	11.89	330	134216	114.69	ng	0.00
44) 2-Fluorobiphenyl	10.09	172	643847	77.36	ng	0.00
78) Terphenyl-d14	14.74	244	626916	62.75	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	8.77	128	181808	15.19	ng	99
32) Benzoic acid	8.43	122	1951	4.05	ng	# 27
33) 4-Chloroaniline	8.77	127	17546	3.61	ng	# 34
37) 2-Methylnaphthalene	9.63	142	66091	8.22	ng	95
49) Dimethylphthalate	10.60	163	23696	2.61	ng	99
51) Acenaphthene	10.96	154	27114	3.58	ng	97
57) Fluorene	11.60	166	37976	4.07	ng	97
70) Phenanthrene	12.77	178	89432	6.69	ng	99
71) Anthracene	12.77	178	85185	6.45	ng	99
74) Fluoranthene	14.25	202	32053	2.17	ng	92
76) Benzydine	14.44	184	460	Below Cal	#	1
77) Pyrene	14.53	202	35885	2.34	ng	95

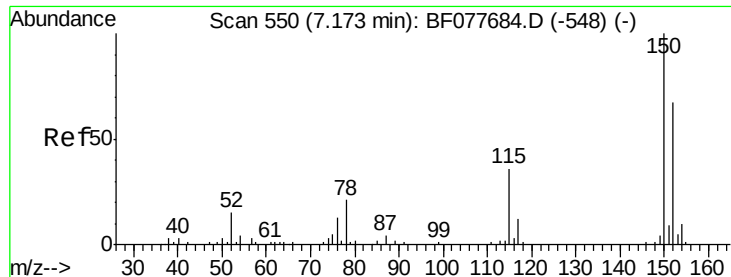
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Mar 13 14:04:45 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.17 min Scan# 550

Delta R.T. -0.00 min

Lab File: BF077742.D

Acq: 13 Mar 2015 16:22

Instrument :

BNA_F

ClientSampleId :

MW3

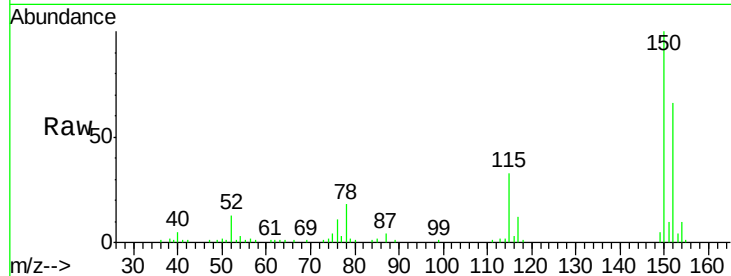
Tgt Ion:152 Resp: 55743

Ion Ratio Lower Upper

152 100

150 151.7 119.5 179.3

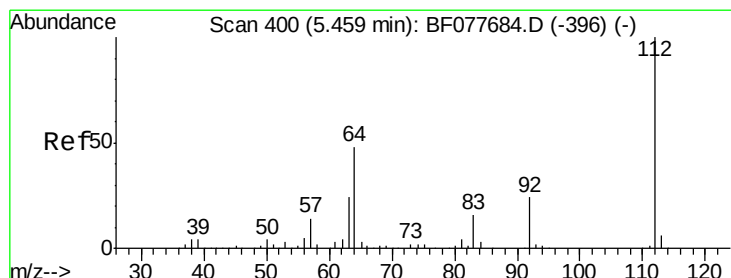
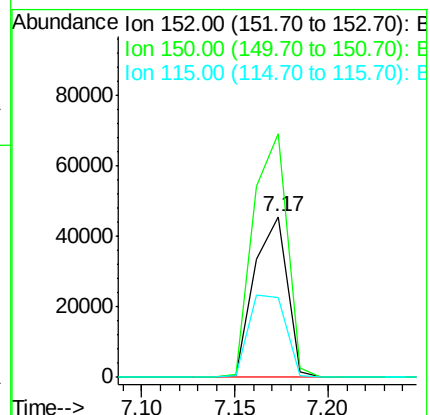
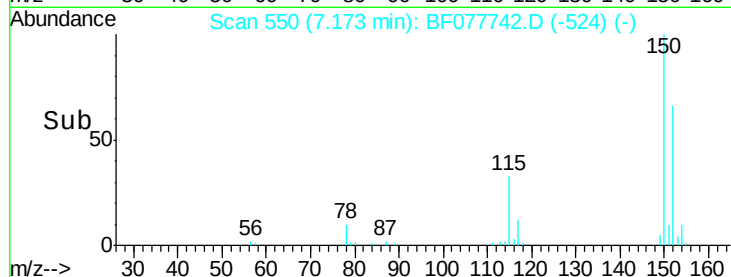
115 49.7 43.0 64.4



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: 52.51 ng

RT: 5.46 min Scan# 400

Delta R.T. -0.00 min

Lab File: BF077742.D

Acq: 13 Mar 2015 16:22

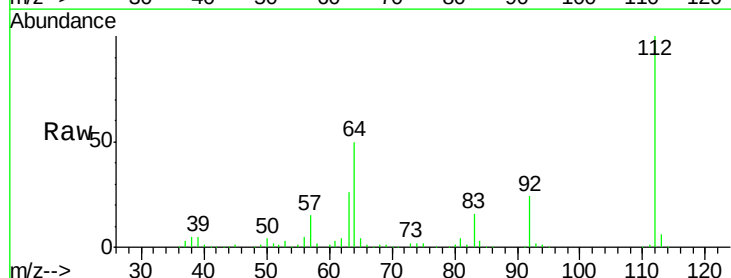
Tgt Ion:112 Resp: 167677

Ion Ratio Lower Upper

112 100

64 50.3 38.6 57.8

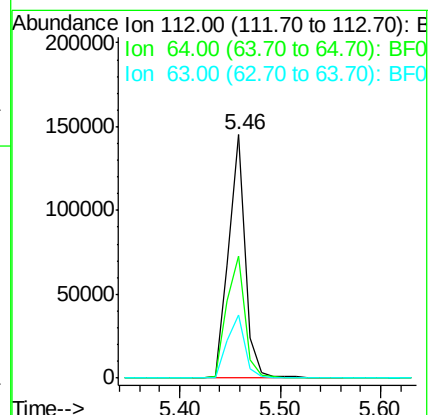
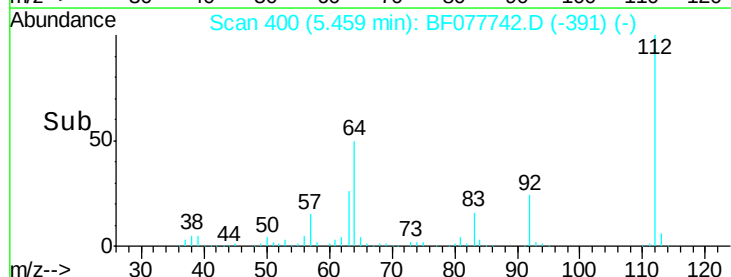
63 25.9 19.3 28.9

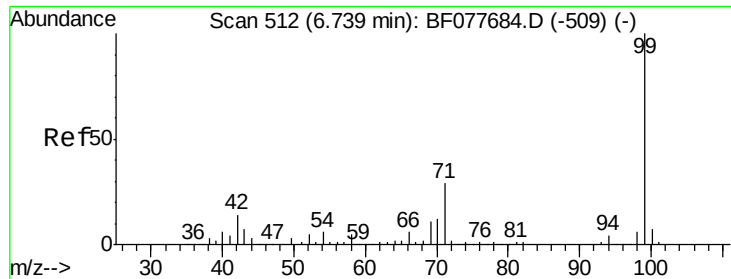


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 33.28 ng

RT: 6.74 min Scan# 512

Delta R.T. -0.00 min

Lab File: BF077742.D

Acq: 13 Mar 2015 16:22

Instrument :

BNA_F

ClientSampleId :

MW3

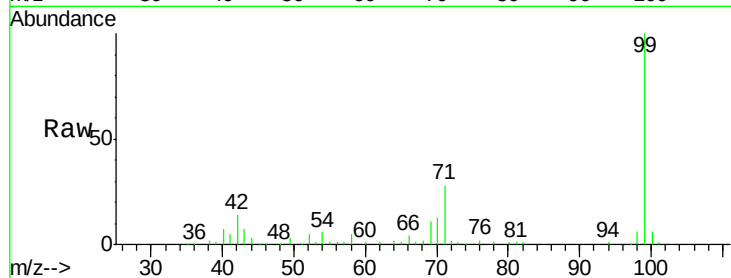
Tgt Ion: 99 Resp: 131319

Ion Ratio Lower Upper

99 100

42 13.6 11.0 16.4

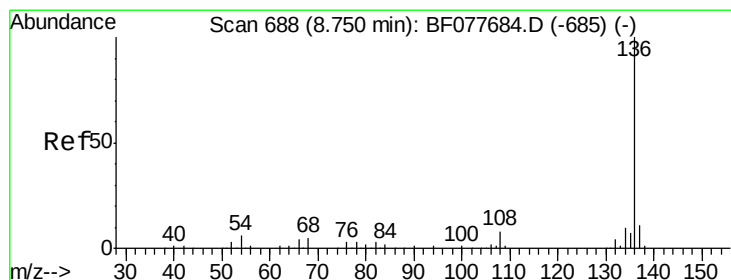
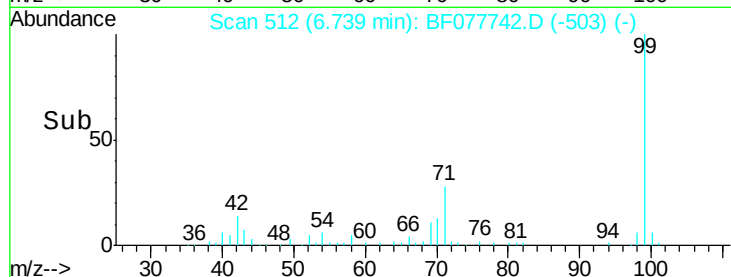
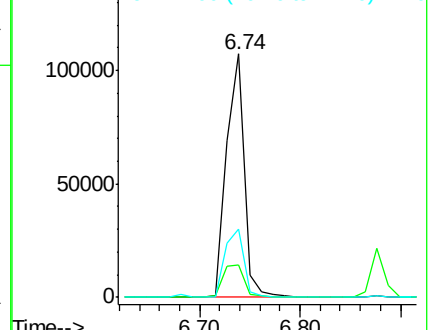
71 28.2 23.4 35.2



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.74 min Scan# 687

Delta R.T. -0.01 min

Lab File: BF077742.D

Acq: 13 Mar 2015 16:22

Tgt Ion: 136 Resp: 233044

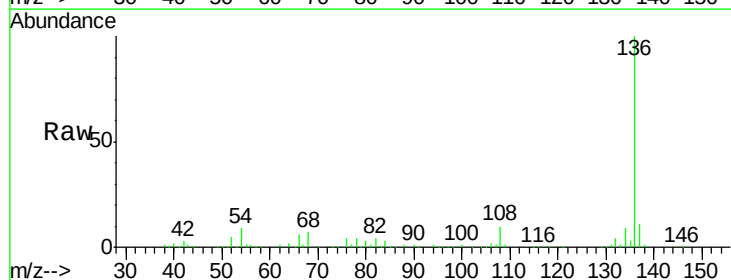
Ion Ratio Lower Upper

136 100

137 11.3 8.7 13.1

54 9.1 4.6 6.8#

68 6.8 3.7 5.5#

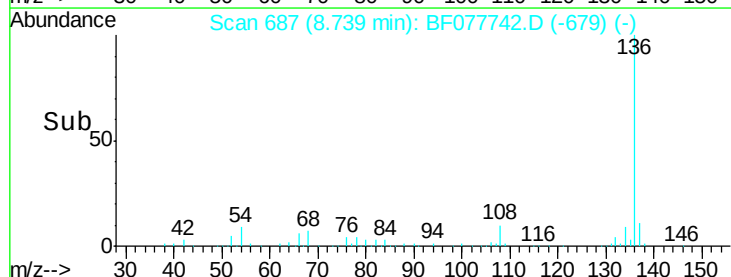
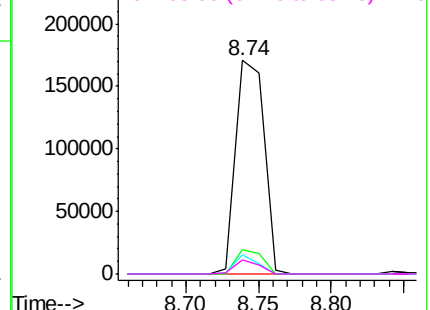


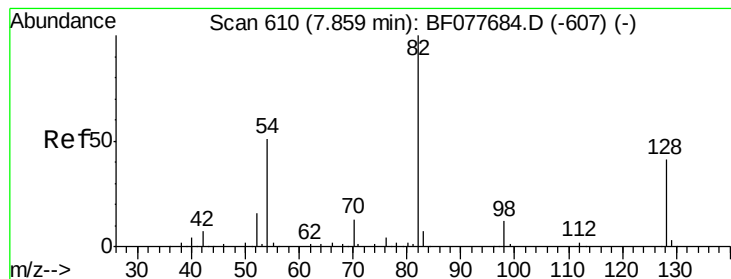
Abundance Ion 136.00 (135.70 to 136.70): E

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: 80.06 ng

RT: 7.86 min Scan# 610

Delta R.T. -0.00 min

Lab File: BF077742.D

Acq: 13 Mar 2015 16:22

Instrument :

BNA_F

ClientSampleId :

MW3

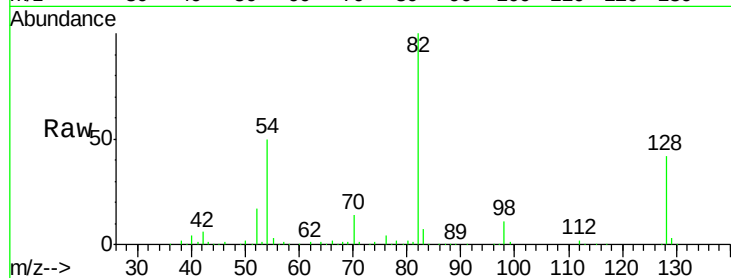
Tgt Ion: 82 Resp: 284622

Ion Ratio Lower Upper

82 100

128 42.3 32.8 49.2

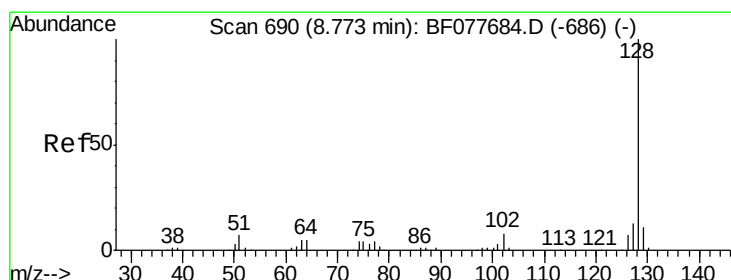
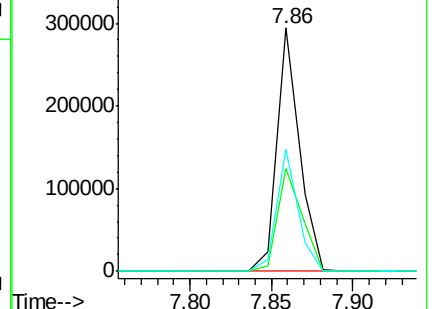
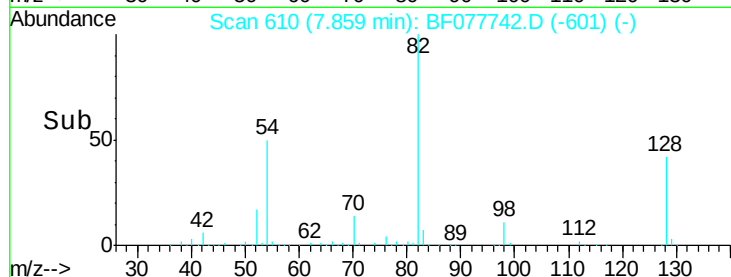
54 50.2 40.6 60.8



Abundance Ion 82.00 (81.70 to 82.70): BF077742.D (-601) (-)

Ion 128.00 (127.70 to 128.70): BF077742.D (-601) (-)

Ion 54.00 (53.70 to 54.70): BF077742.D (-601) (-)



#31

Naphthalene

Concen: 15.19 ng

RT: 8.77 min Scan# 690

Delta R.T. -0.00 min

Lab File: BF077742.D

Acq: 13 Mar 2015 16:22

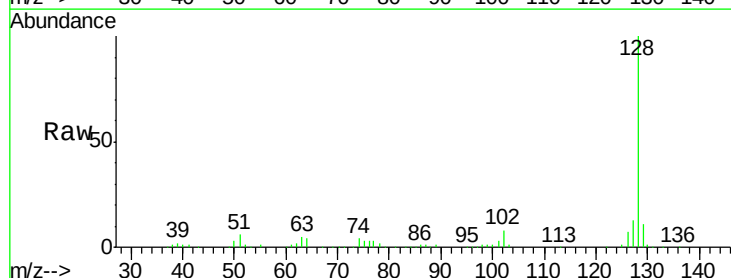
Tgt Ion: 128 Resp: 181808

Ion Ratio Lower Upper

128 100

129 10.7 8.9 13.3

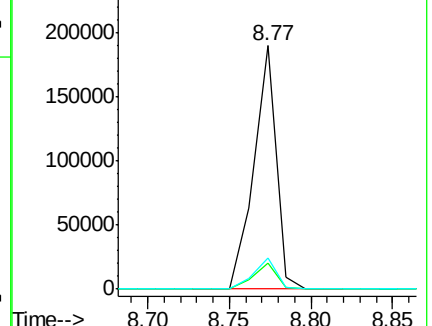
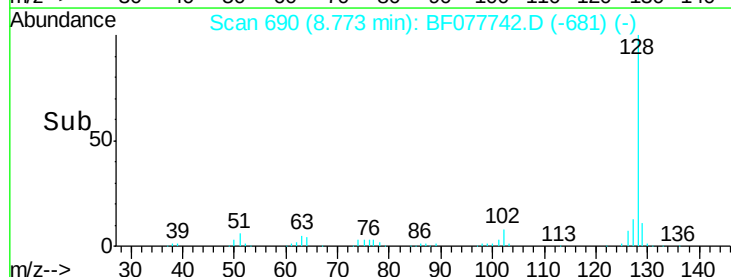
127 12.8 10.4 15.6

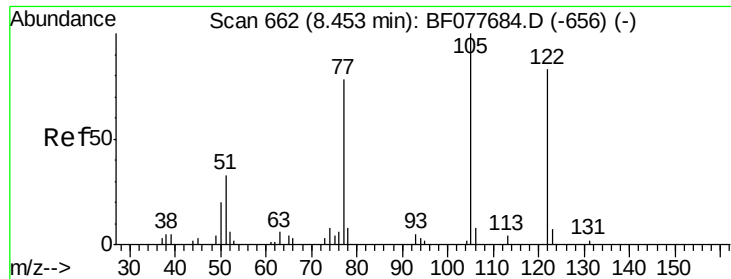


Abundance Ion 128.00 (127.70 to 128.70): BF077742.D (-681) (-)

Ion 129.00 (128.70 to 129.70): BF077742.D (-681) (-)

Ion 127.00 (126.70 to 127.70): BF077742.D (-681) (-)





#32

Benzoic acid

Concen: 4.05 ng

RT: 8.43 min Scan# 660

Delta R.T. -0.02 min

Lab File: BF077742.D

Acq: 13 Mar 2015 16:22

Instrument :

BNA_F

ClientSampleId :

MW3

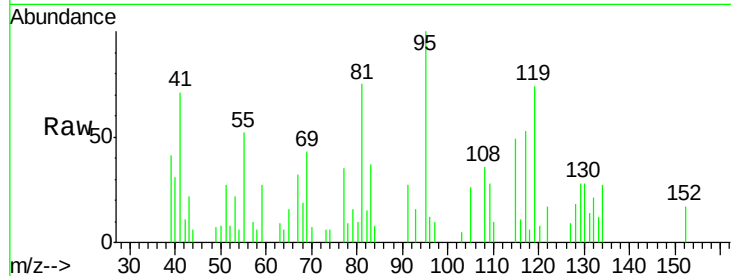
Tgt Ion:122 Resp: 1951

Ion Ratio Lower Upper

122 100

105 157.7 99.9 139.9#

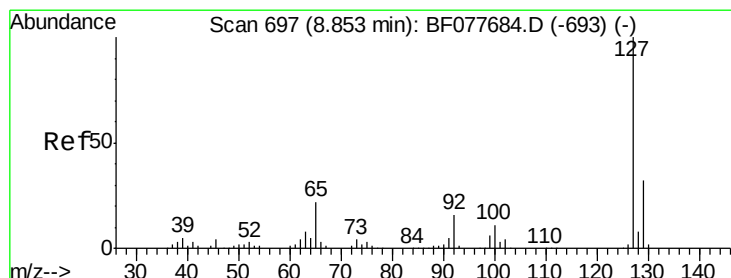
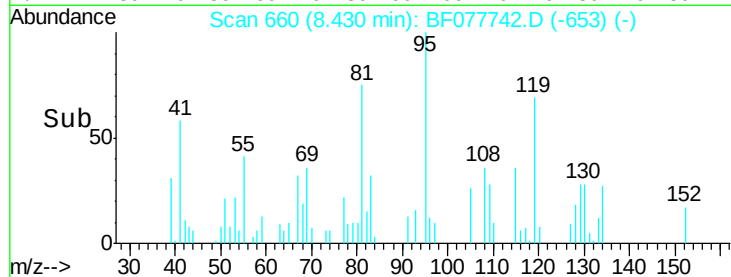
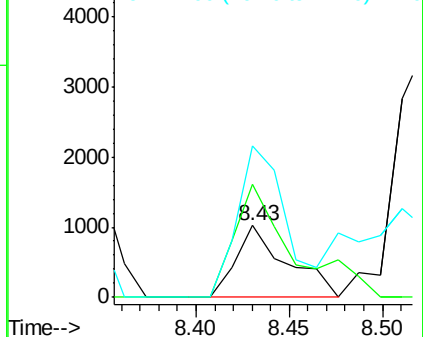
77 212.0 73.7 113.7#



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: 3.61 ng

RT: 8.77 min Scan# 690

Delta R.T. -0.08 min

Lab File: BF077742.D

Acq: 13 Mar 2015 16:22

Tgt Ion:127 Resp: 17546

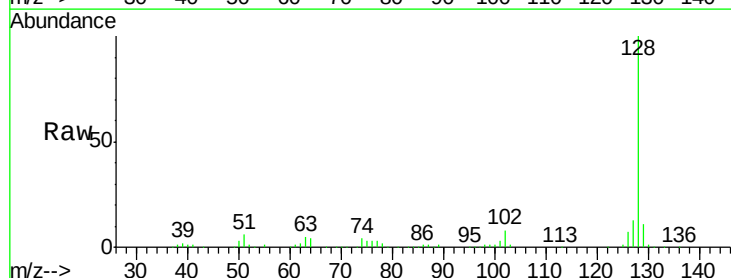
Ion Ratio Lower Upper

127 100

129 83.9 25.3 37.9#

65 0.0 17.6 26.4#

92 0.0 13.1 19.7#

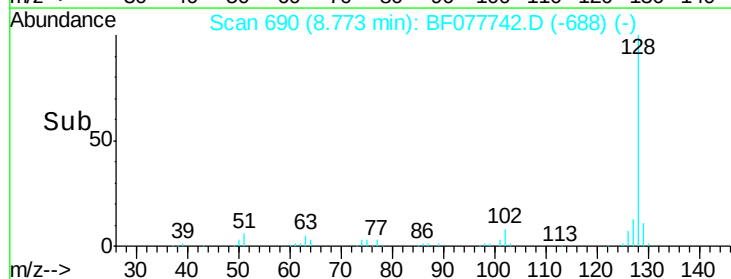
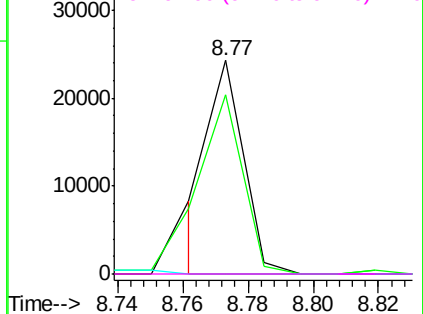


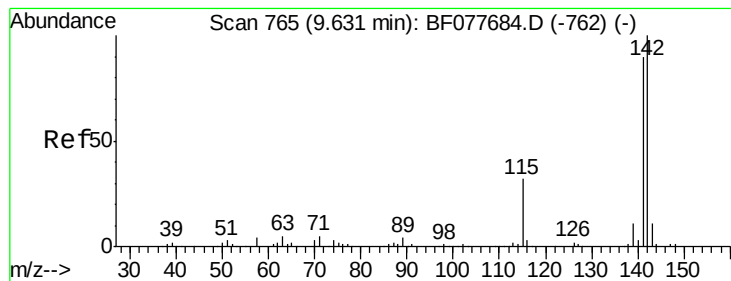
Abundance Ion 127.00 (126.70 to 127.70): E

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





#37

2-Methylnaphthalene

Concen: 8.22 ng

RT: 9.63 min Scan# 765

Delta R.T. -0.00 min

Lab File: BF077742.D

Acq: 13 Mar 2015 16:22

Instrument :

BNA_F

ClientSampleId :

MW3

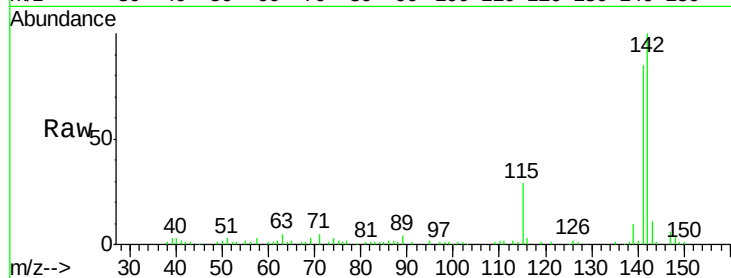
Tgt Ion:142 Resp: 66091

Ion Ratio Lower Upper

142 100

141 85.2 71.9 107.9

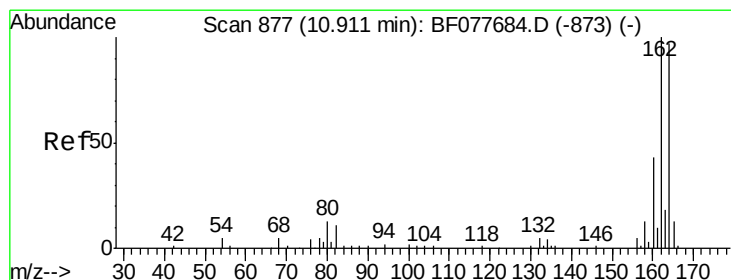
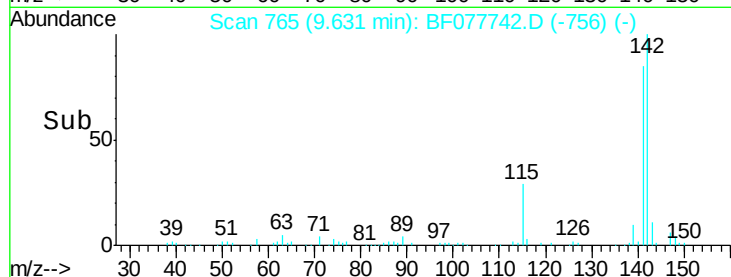
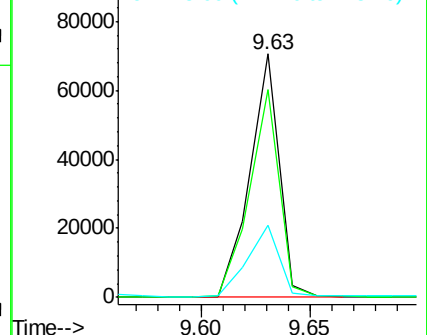
115 29.4 25.4 38.0



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.91 min Scan# 877

Delta R.T. -0.00 min

Lab File: BF077742.D

Acq: 13 Mar 2015 16:22

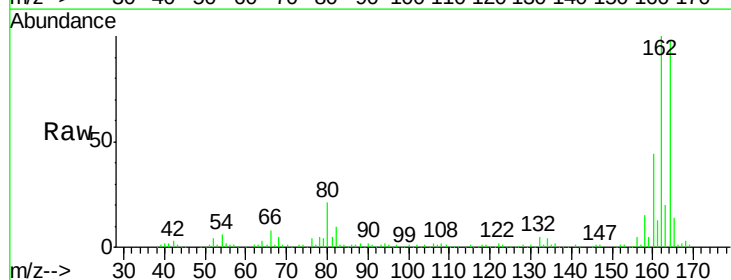
Tgt Ion:164 Resp: 122307

Ion Ratio Lower Upper

164 100

162 101.9 82.4 123.6

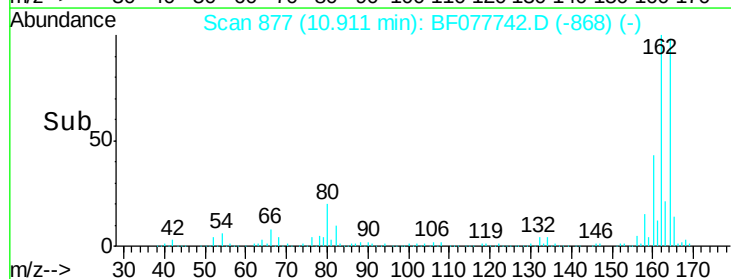
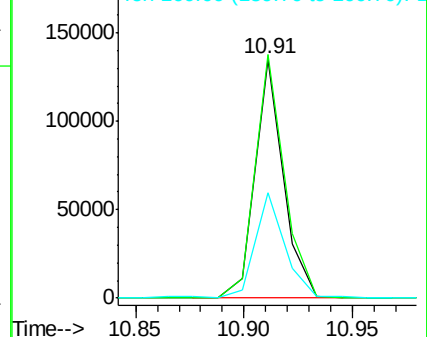
160 44.3 35.8 53.6

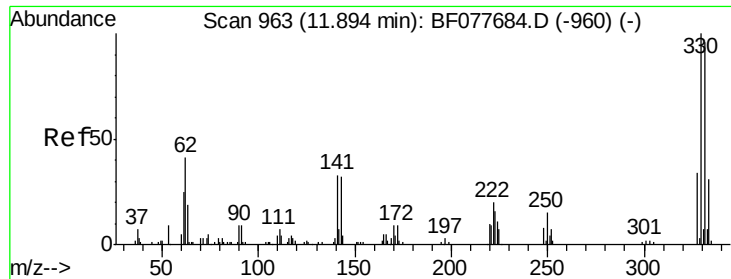


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

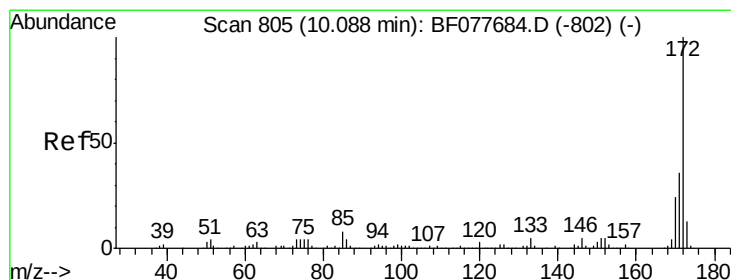
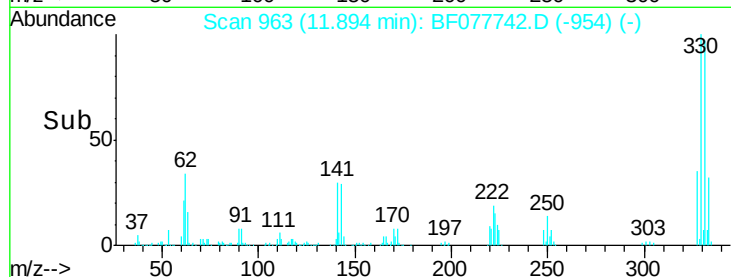
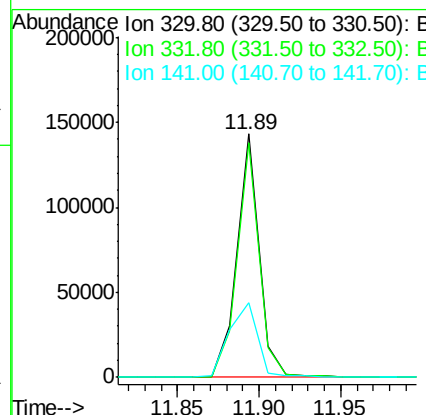
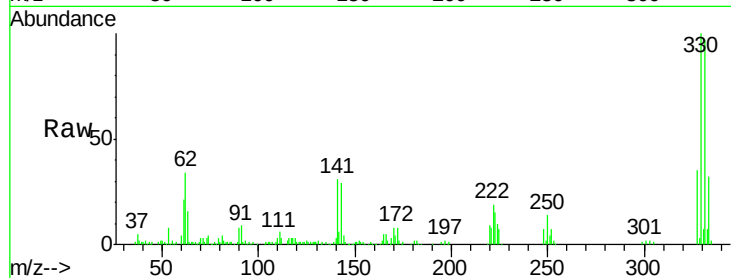




#41
 2,4,6-Tribromophenol
 Concen: 114.69 ng
 RT: 11.89 min Scan# 963
 Delta R.T. -0.00 min
 Lab File: BF077742.D
 Acq: 13 Mar 2015 16:22

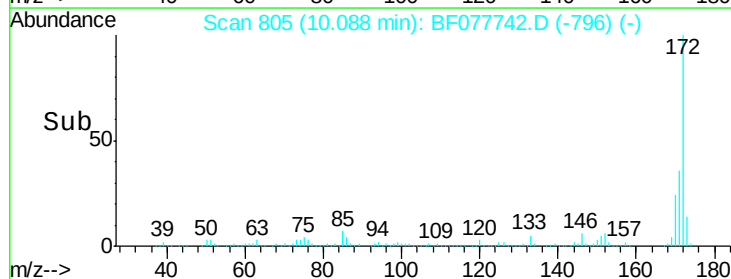
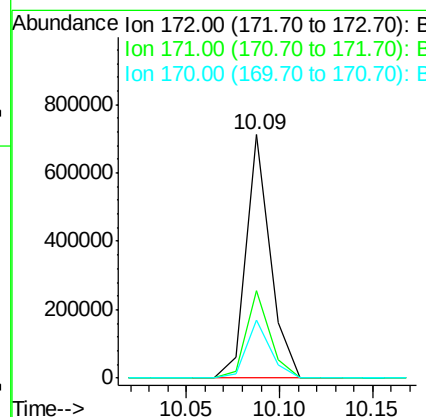
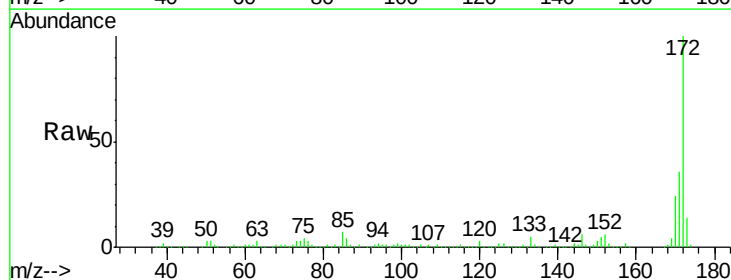
Instrument :
 BNA_F
 ClientSampleId :
 MW3

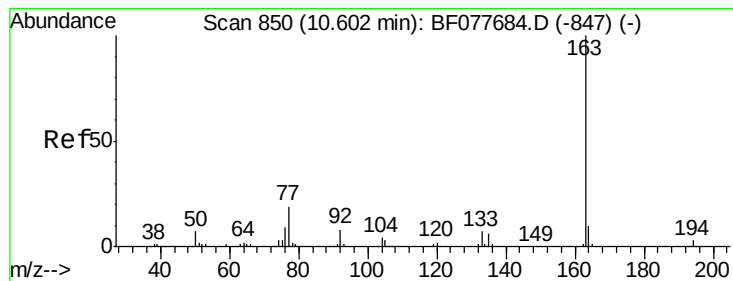
Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.3	0.0	0.0#
141	38.8	0.0	0.0#



#44
 2-Fluorobiphenyl
 Concen: 77.36 ng
 RT: 10.09 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: BF077742.D
 Acq: 13 Mar 2015 16:22

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.5	42.7
170	24.1	18.8	28.2





#49

Dimethylphthalate

Concen: 2.61 ng

RT: 10.60 min Scan# 850

Delta R.T. -0.00 min

Lab File: BF077742.D

Acq: 13 Mar 2015 16:22

Instrument :

BNA_F

ClientSampleId :

MW3

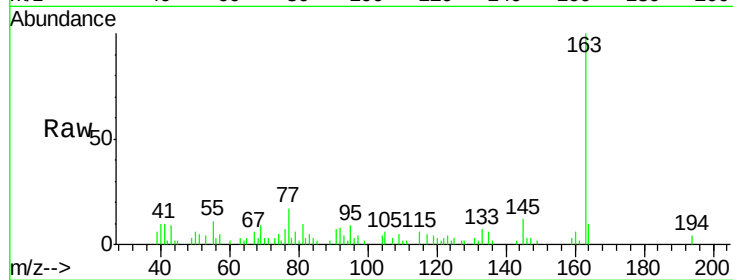
Tgt Ion:163 Resp: 23696

Ion Ratio Lower Upper

163 100

194 3.9 2.7 4.1

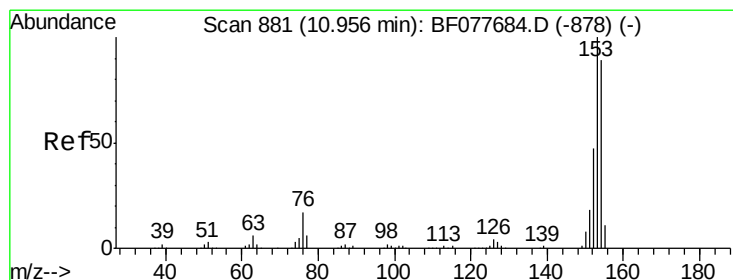
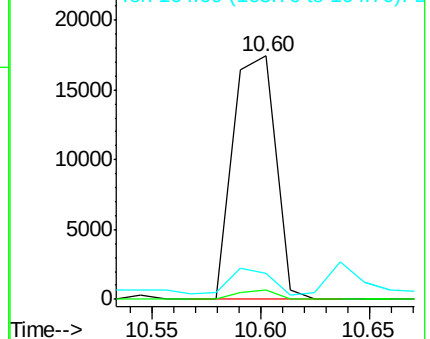
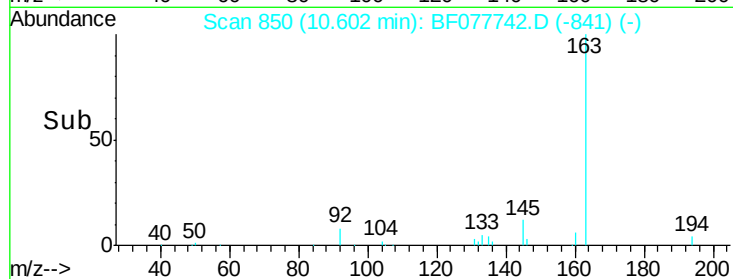
164 10.4 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#51

Acenaphthene

Concen: 3.58 ng

RT: 10.96 min Scan# 881

Delta R.T. -0.00 min

Lab File: BF077742.D

Acq: 13 Mar 2015 16:22

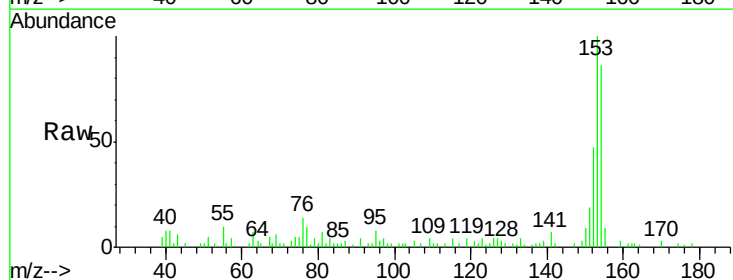
Tgt Ion:154 Resp: 27114

Ion Ratio Lower Upper

154 100

153 116.6 90.0 135.0

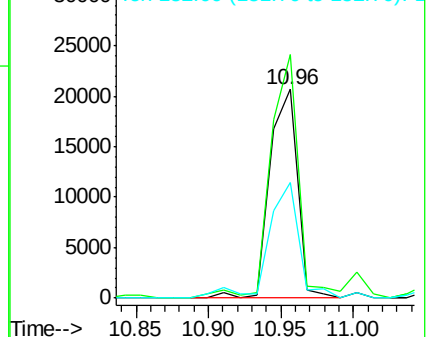
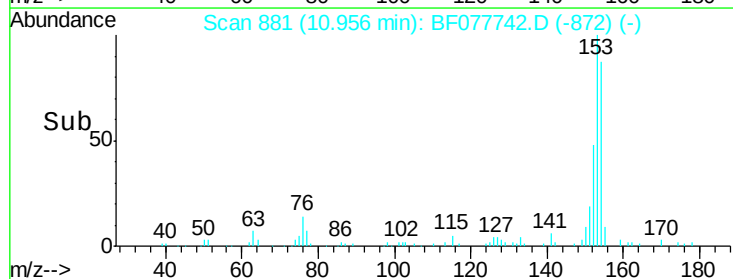
152 55.1 42.6 63.8

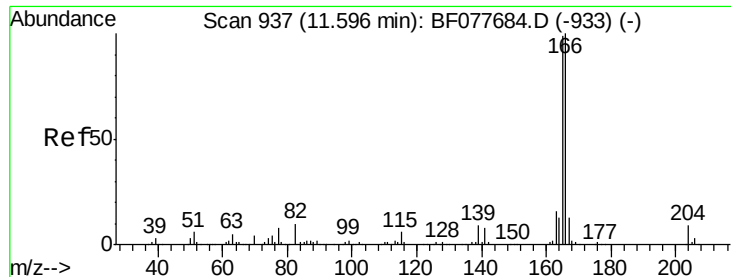


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#57

Fluorene

Concen: 4.07 ng

RT: 11.60 min Scan# 937

Delta R.T. -0.00 min

Lab File: BF077742.D

Acq: 13 Mar 2015 16:22

Instrument :

BNA_F

ClientSampleId :

MW3

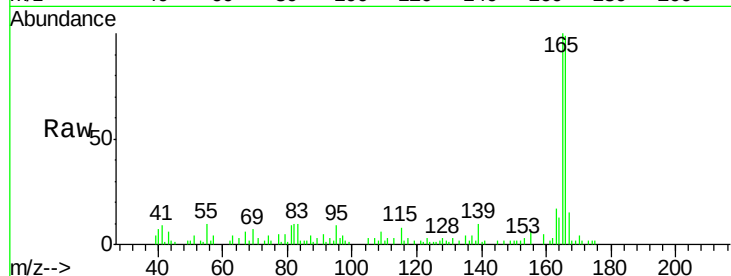
Tgt Ion:166 Resp: 37976

Ion Ratio Lower Upper

166 100

165 101.2 79.0 118.4

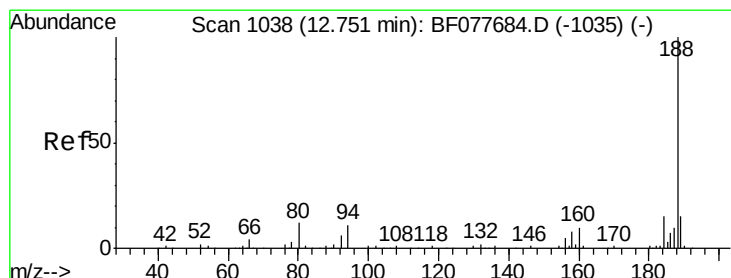
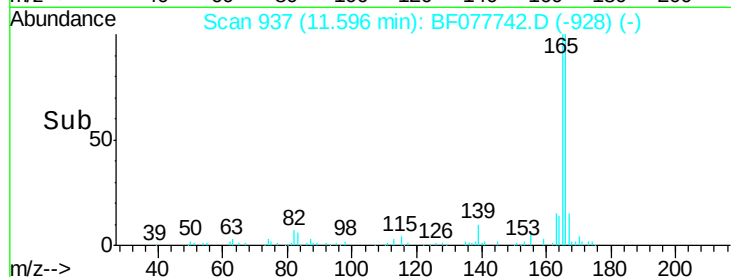
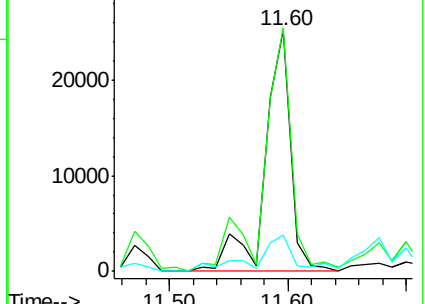
167 14.9 10.3 15.5



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 12.75 min Scan# 1038

Delta R.T. -0.00 min

Lab File: BF077742.D

Acq: 13 Mar 2015 16:22

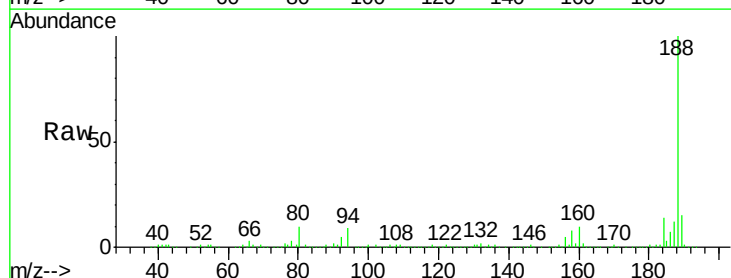
Tgt Ion:188 Resp: 232935

Ion Ratio Lower Upper

188 100

94 9.4 8.7 13.1

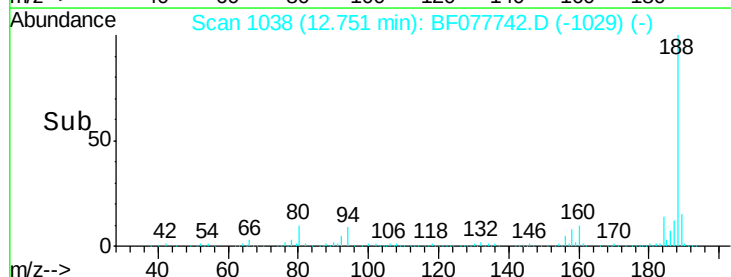
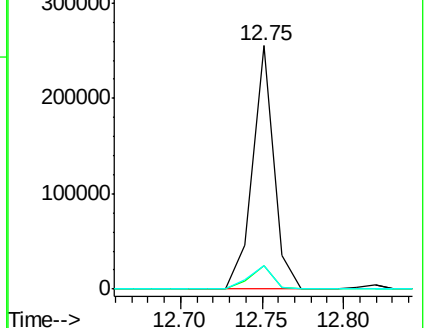
80 9.7 9.3 13.9

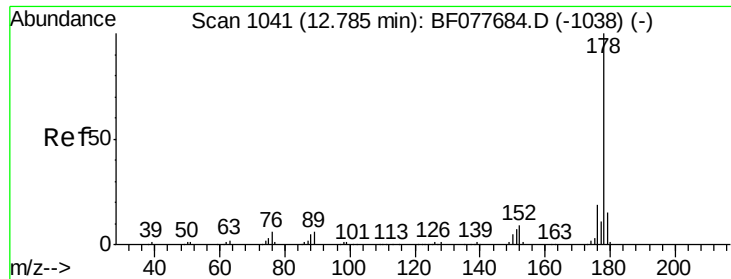


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#70

Phenanthrene

Concen: 6.69 ng

RT: 12.77 min Scan# 1040

Delta R.T. -0.01 min

Lab File: BF077742.D

Acq: 13 Mar 2015 16:22

Instrument :

BNA_F

ClientSampleId :

MW3

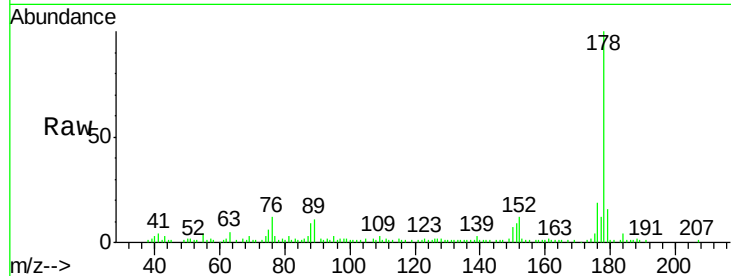
Tgt Ion:178 Resp: 89432

Ion Ratio Lower Upper

178 100

176 18.8 15.2 22.8

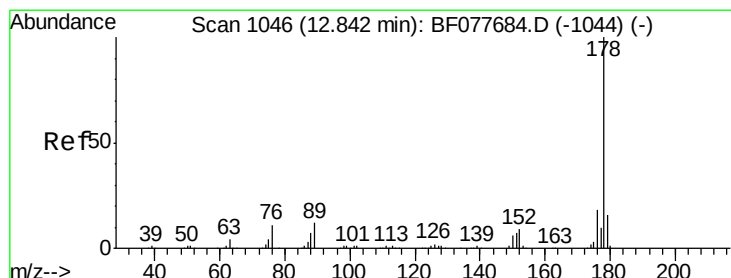
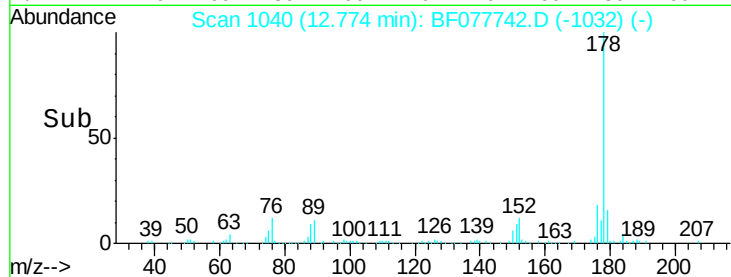
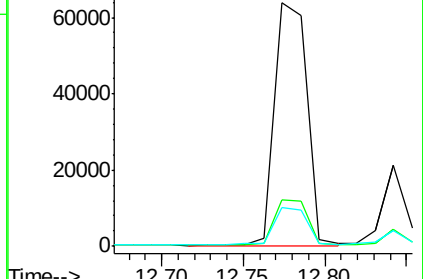
179 16.2 12.1 18.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#71

Anthracene

Concen: 6.45 ng

RT: 12.77 min Scan# 1040

Delta R.T. -0.07 min

Lab File: BF077742.D

Acq: 13 Mar 2015 16:22

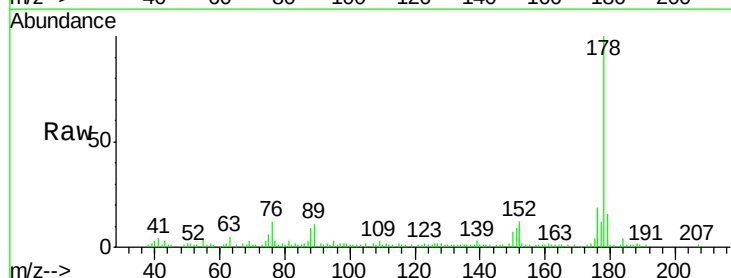
Tgt Ion:178 Resp: 85185

Ion Ratio Lower Upper

178 100

176 18.8 14.6 22.0

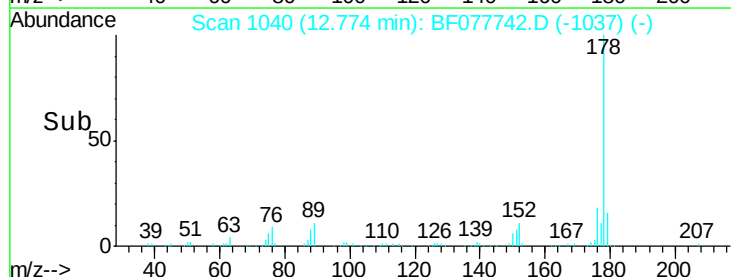
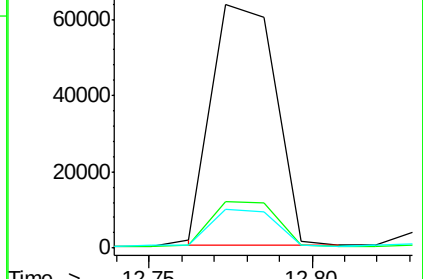
179 16.2 12.6 19.0

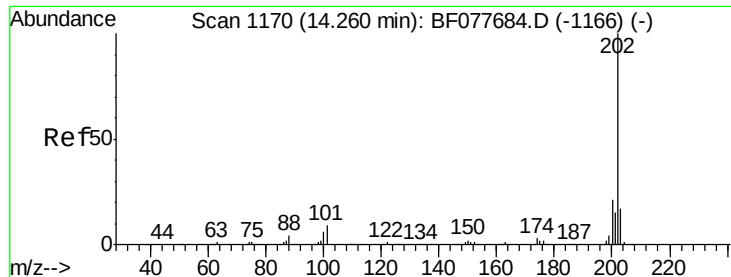


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#74

Fluoranthene

Concen: 2.17 ng

RT: 14.25 min Scan# 1169

Delta R.T. -0.00 min

Lab File: BF077742.D

Acq: 13 Mar 2015 16:22

Instrument :

BNA_F

ClientSampleId :

MW3

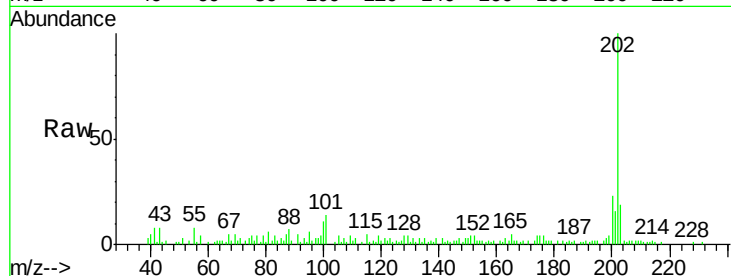
Tgt Ion:202 Resp: 32053

Ion Ratio Lower Upper

202 100

101 13.9 0.0 28.7

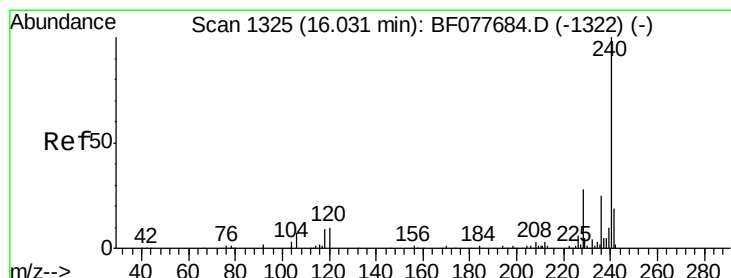
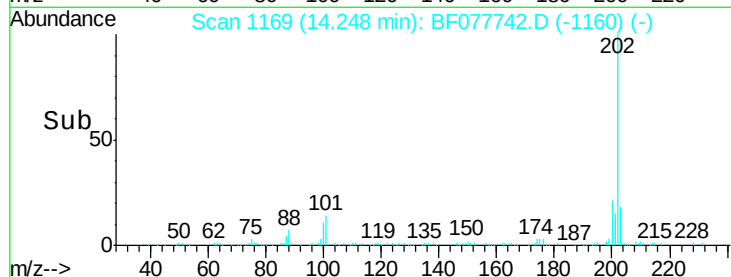
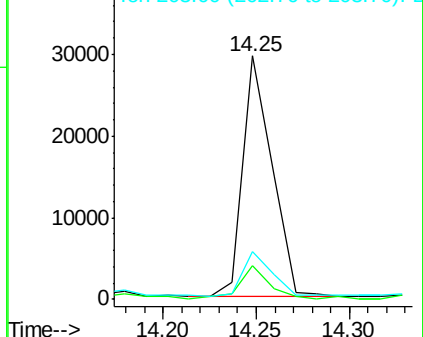
203 19.4 0.0 37.2



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 16.03 min Scan# 1325

Delta R.T. -0.00 min

Lab File: BF077742.D

Acq: 13 Mar 2015 16:22

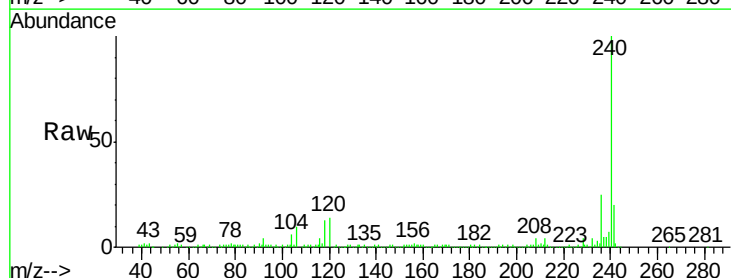
Tgt Ion:240 Resp: 244043

Ion Ratio Lower Upper

240 100

120 14.3 8.2 12.2#

236 25.3 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

