

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072315\
 Data File : BF080609.D
 Acq On : 24 Jul 2015 00:06
 Operator : TP/UM
 Sample : G3045-08
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-3

Quant Time: Jul 24 01:03:26 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 24 01:01:51 2015
 Response via : Initial Calibration

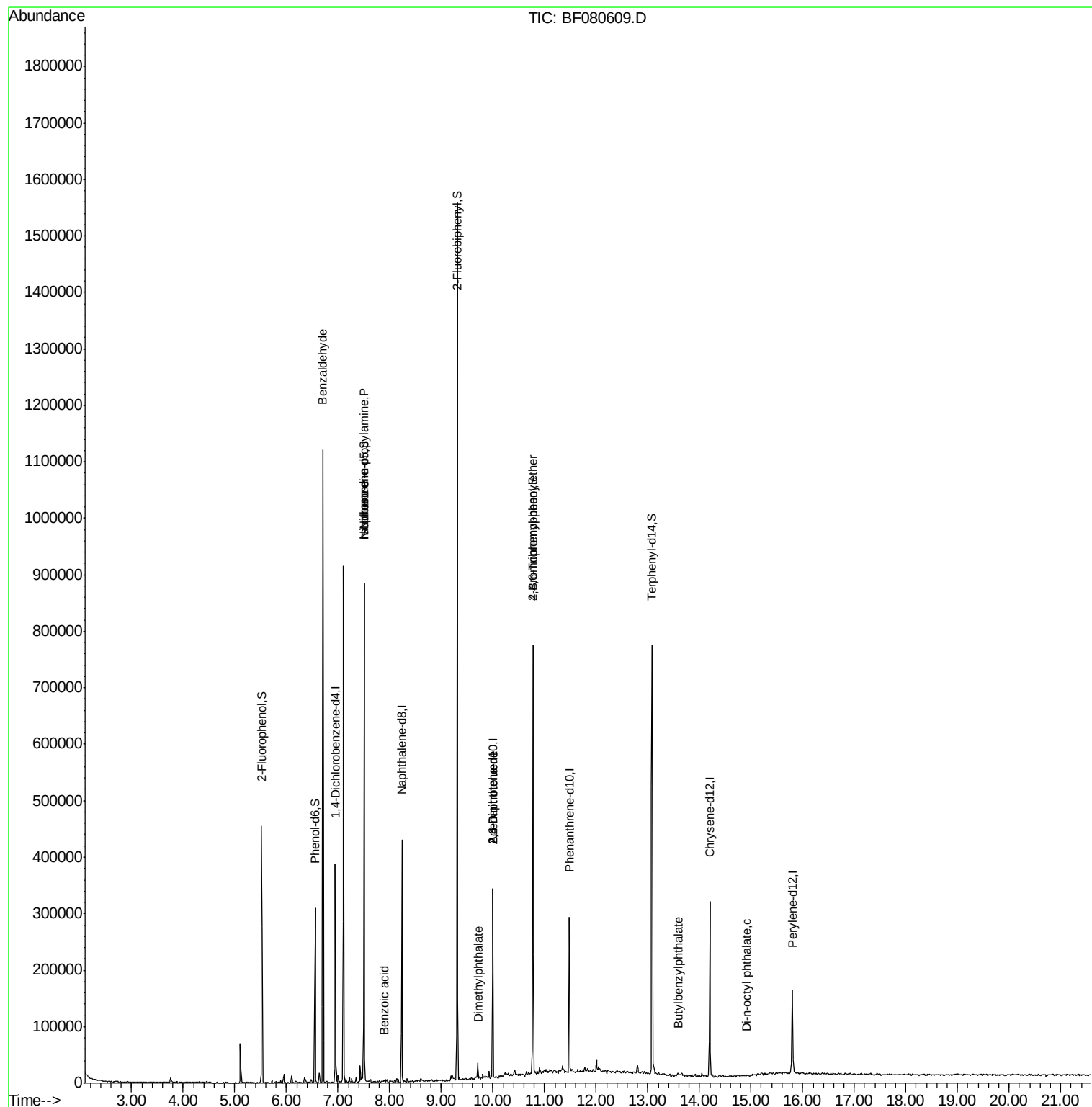
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	45376	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	169529	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	74276	20.00	ng	0.00
63) Phenanthrene-d10	11.48	188	126560	20.00	ng	0.00
75) Chrysene-d12	14.20	240	106840	20.00	ng	0.02
86) Perylene-d12	15.80	264	88691	20.00	ng	0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	129036	49.12	ng	0.00
7) Phenol-d6	6.56	99	102597	31.95	ng	0.00
23) Nitrobenzene-d5	7.50	82	224296	74.96	ng	0.00
41) 2,4,6-Tribromophenol	10.77	330	66076	112.27	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	380843	74.39	ng	0.00
78) Terphenyl-d14	13.08	244	291124	57.02	ng	0.01
Target Compounds						
9) Benzaldehyde	6.70	77	6774	2.85	ng	# 77
19) n-Nitroso-di-n-propylamine	7.50	70	30880	14.19	ng	# 79
25) Isophorone	7.50	82	204669	36.94	ng	# 66
32) Benzoic acid	7.89	122	337	7.51	ng	# 80
49) Dimethylphthalate	9.71	163	12401	2.27	ng	# 96
50) 2,6-Dinitrotoluene	10.00	165	9546	9.34	ng	# 16
56) 2,4-Dinitrotoluene	10.00	165	9547	7.46	ng	# 12
66) 4-Bromophenyl-phenylether	10.77	248	4716	3.67	ng	# 1
79) Butylbenzylphthalate	13.59	149	701	5.55	ng	# 60
84) Di-n-octyl phthalate	14.92	149	249	5.97	ng	# 1

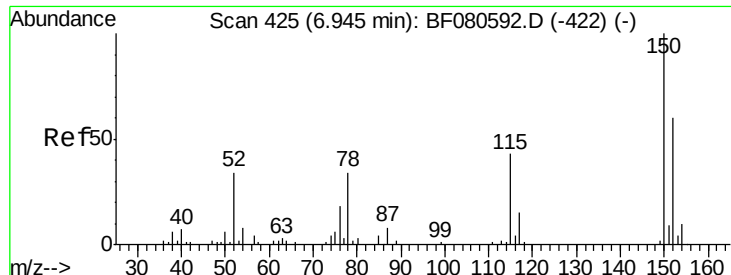
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.94 min Scan# 425

Delta R.T. 0.00 min

Lab File: BF080609.D

Acq: 24 Jul 2015 00:06

Instrument :

BNA_F

ClientSampleId :

MW-3

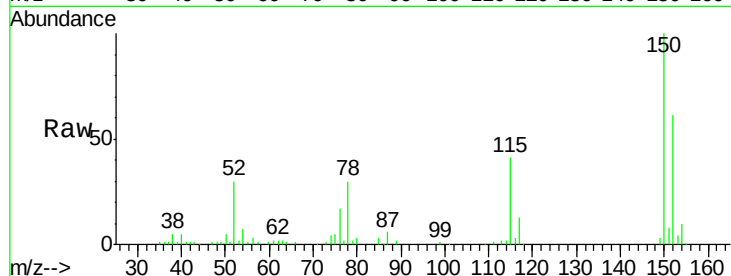
Tgt Ion:152 Resp: 45376

Ion Ratio Lower Upper

152 100

150 164.4 128.7 193.1

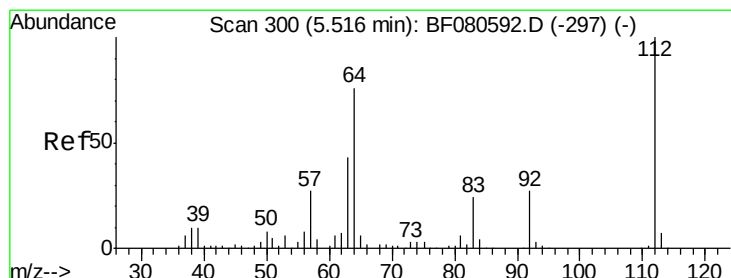
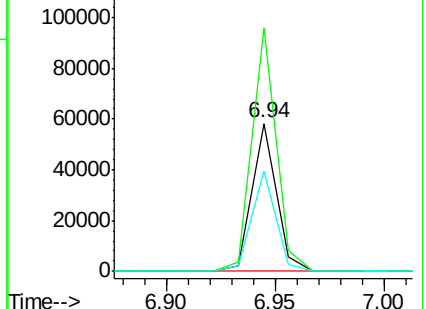
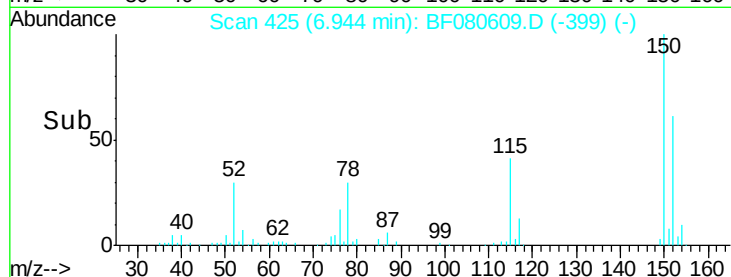
115 68.0 56.8 85.2



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: 49.12 ng

RT: 5.52 min Scan# 300

Delta R.T. 0.00 min

Lab File: BF080609.D

Acq: 24 Jul 2015 00:06

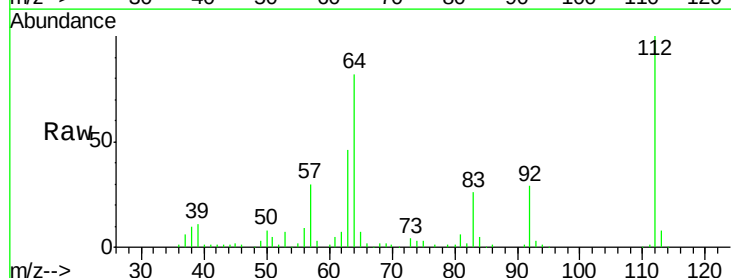
Tgt Ion:112 Resp: 129036

Ion Ratio Lower Upper

112 100

64 82.4 60.2 90.2

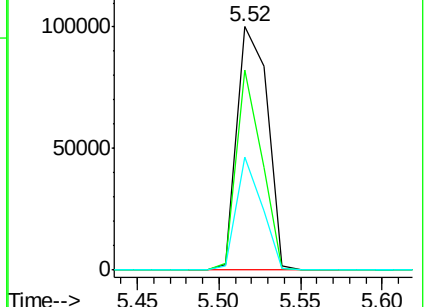
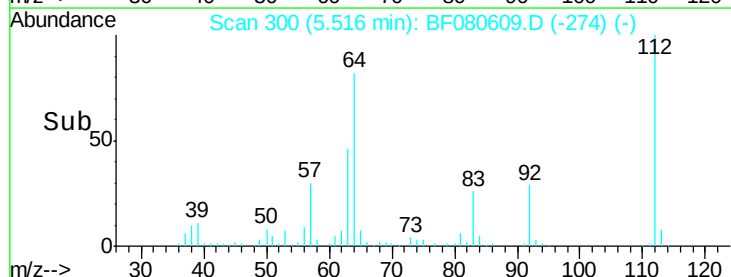
63 46.4 34.8 52.2

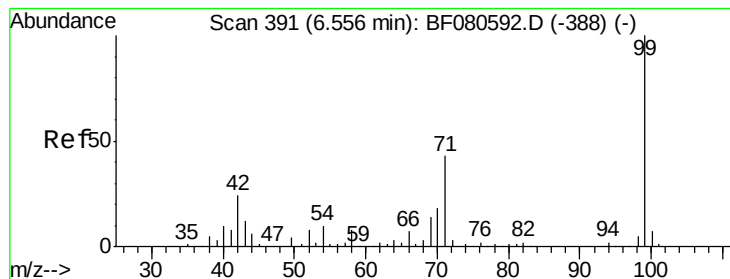


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 31.95 ng

RT: 6.56 min Scan# 391

Delta R.T. 0.00 min

Lab File: BF080609.D

Acq: 24 Jul 2015 00:06

Instrument :

BNA_F

ClientSampleId :

MW-3

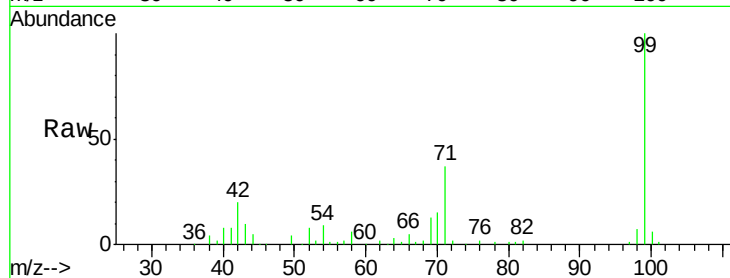
Tgt Ion: 99 Resp: 102597

Ion Ratio Lower Upper

99 100

42 20.0 17.4 26.2

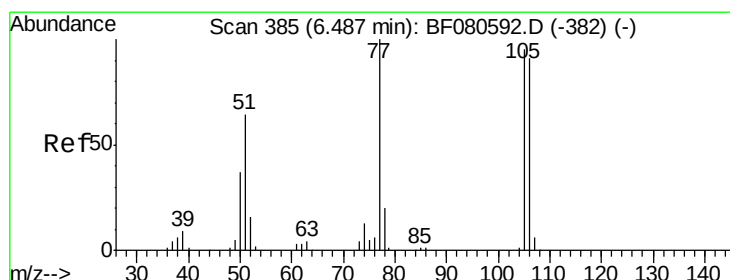
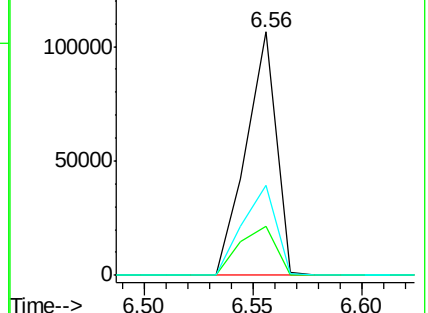
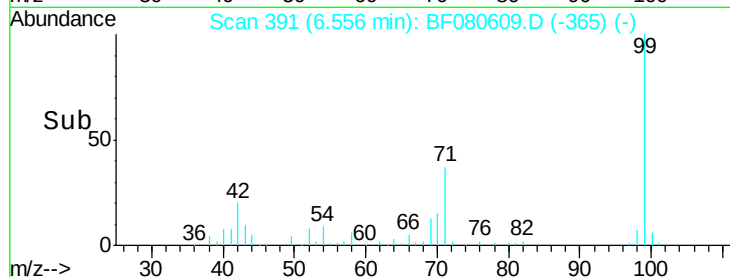
71 37.2 29.0 43.6



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



#9

Benzaldehyde

Concen: 2.85 ng

RT: 6.70 min Scan# 404

Delta R.T. 0.22 min

Lab File: BF080609.D

Acq: 24 Jul 2015 00:06

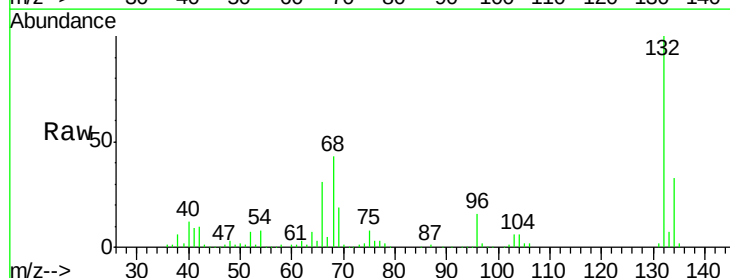
Tgt Ion: 77 Resp: 6774

Ion Ratio Lower Upper

77 100

105 69.5 72.3 112.3#

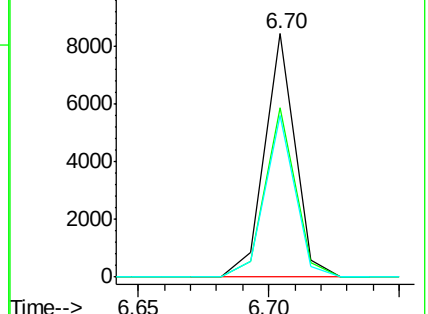
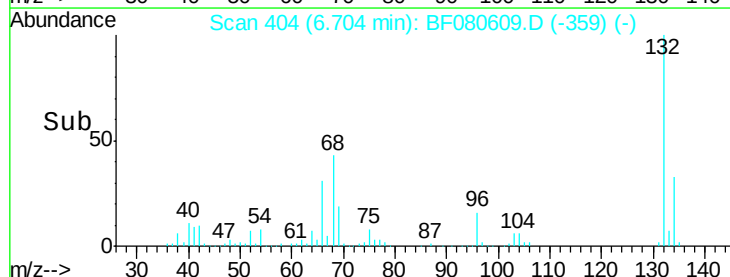
106 66.6 67.5 107.5#

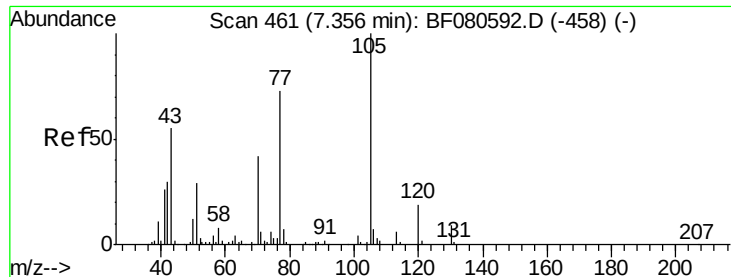


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

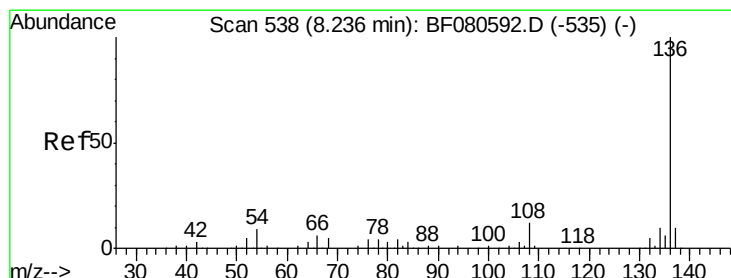
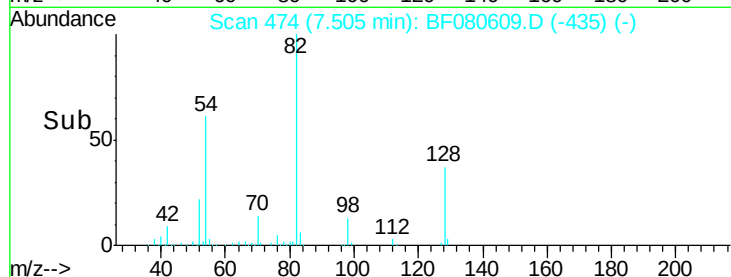
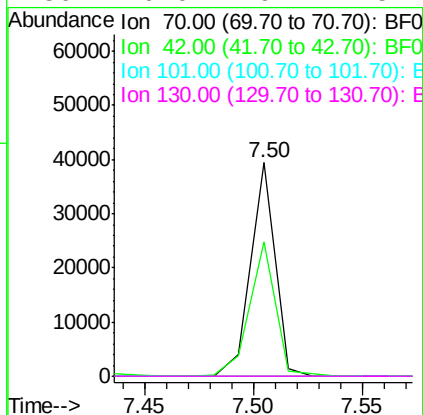
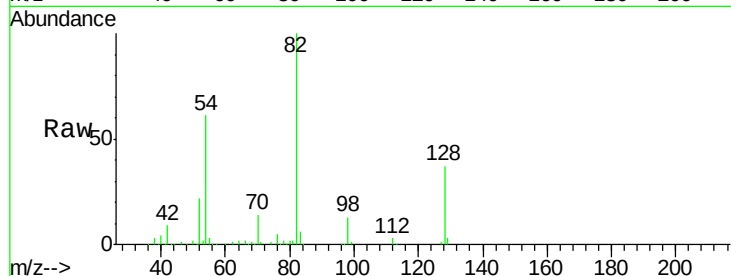




#19
n-Nitroso-di-n-propylamine
Concen: 14.19 ng
RT: 7.50 min Scan# 474
Delta R.T. 0.15 min
Lab File: BF080609.D
Acq: 24 Jul 2015 00:06

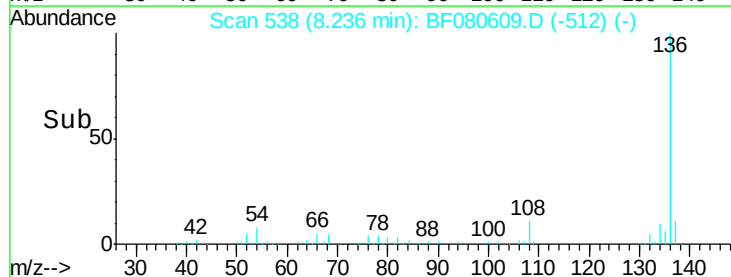
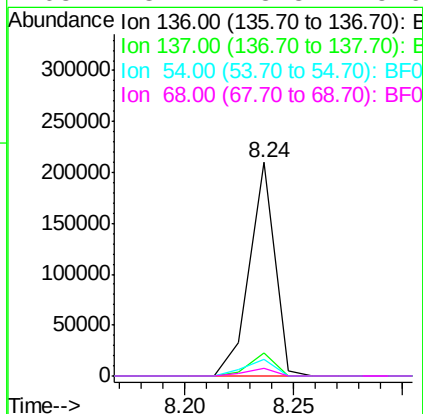
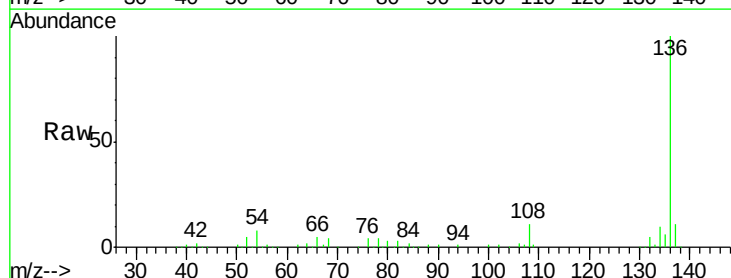
Instrument :
BNA_F
ClientSampleId :
MW-3

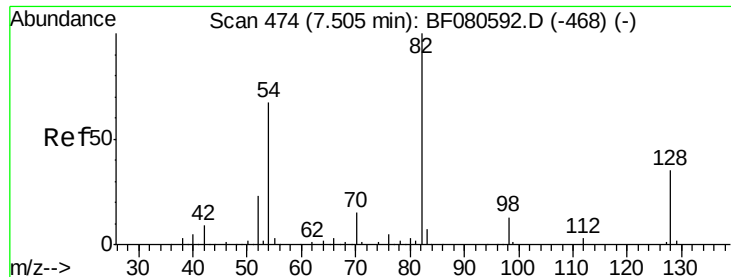
Tgt Ion: 70 Resp: 30880
Ion Ratio Lower Upper
70 100
42 62.9 56.6 85.0
101 0.0 9.7 14.5#
130 0.0 19.1 28.7#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.24 min Scan# 538
Delta R.T. 0.00 min
Lab File: BF080609.D
Acq: 24 Jul 2015 00:06

Tgt Ion: 136 Resp: 169529
Ion Ratio Lower Upper
136 100
137 10.5 7.8 11.8
54 7.7 7.2 10.8
68 3.7 3.8 5.6#

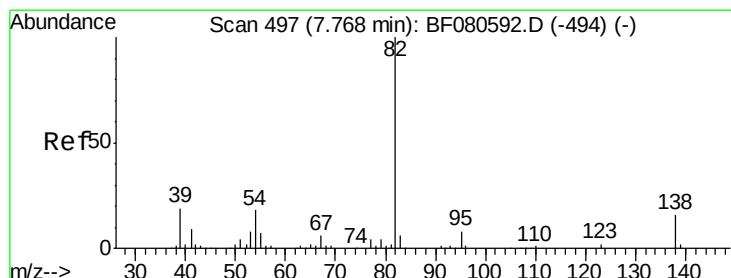
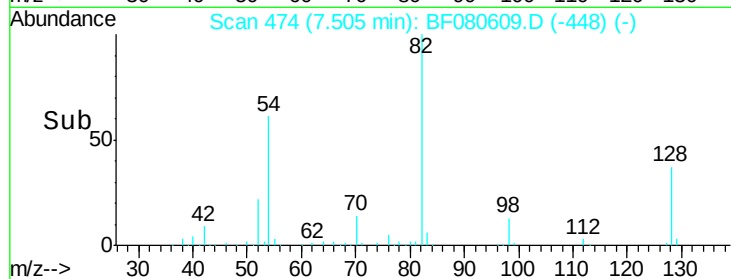
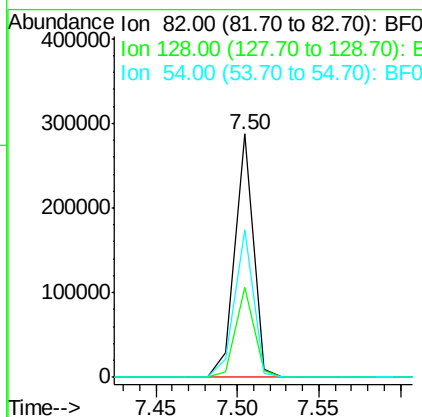
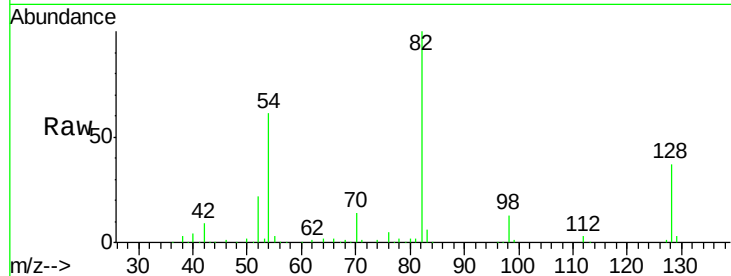




#23
 Nitrobenzene-d5
 Concen: 74.96 ng
 RT: 7.50 min Scan# 474
 Delta R.T. 0.00 min
 Lab File: BF080609.D
 Acq: 24 Jul 2015 00:06

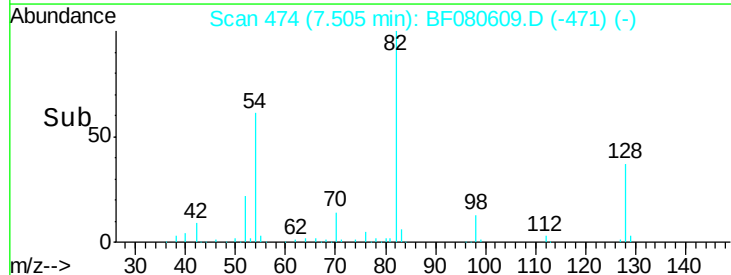
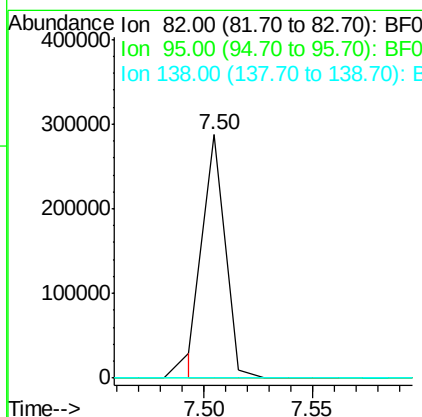
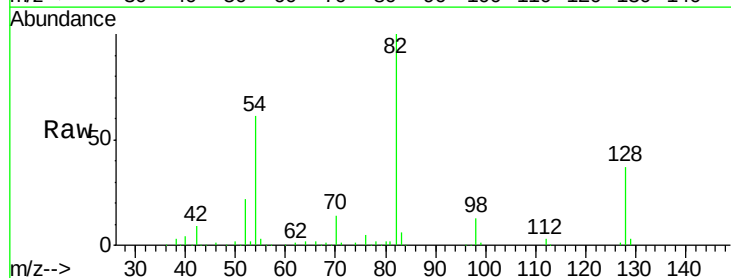
Instrument :
 BNA_F
 ClientSampled :
 MW-3

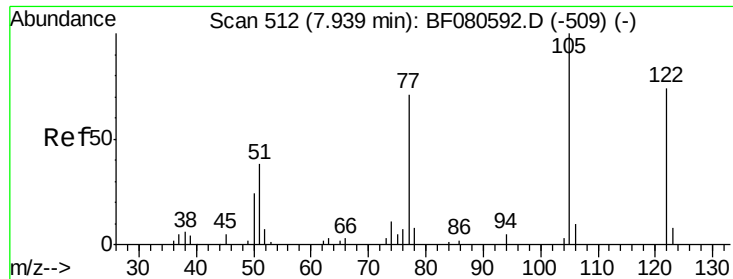
Tgt Ion	Ratio	Lower	Upper
82	100		
128	36.9	28.9	43.3
54	60.8	54.5	81.7



#25
 Isophorone
 Concen: 36.94 ng
 RT: 7.50 min Scan# 474
 Delta R.T. -0.26 min
 Lab File: BF080609.D
 Acq: 24 Jul 2015 00:06

Tgt Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.9	8.9#
138	0.0	13.4	20.2#





#32

Benzoic acid

Concen: 7.51 ng

RT: 7.89 min Scan# 508

Delta R.T. -0.05 min

Lab File: BF080609.D

Acq: 24 Jul 2015 00:06

Instrument :

BNA_F

ClientSampled :

MW-3

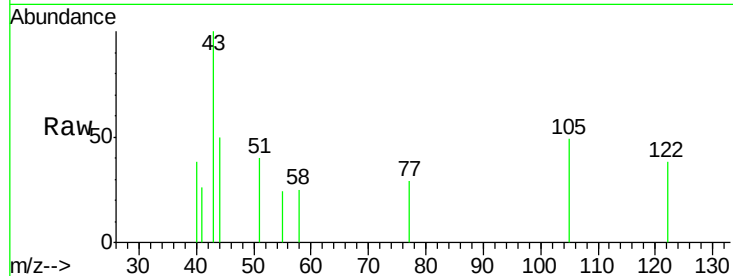
Tgt Ion:122 Resp: 337

Ion Ratio Lower Upper

122 100

105 131.1 112.5 152.5

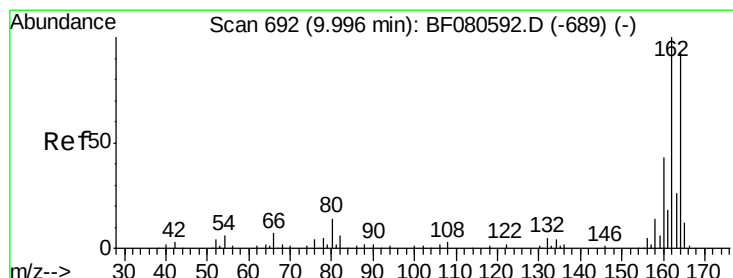
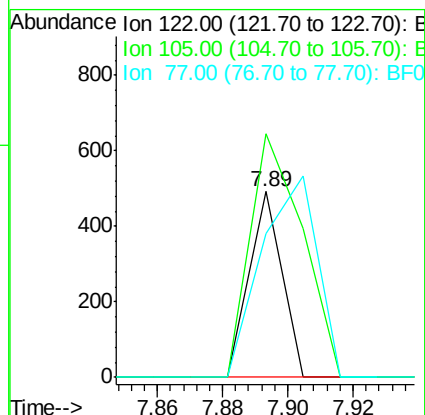
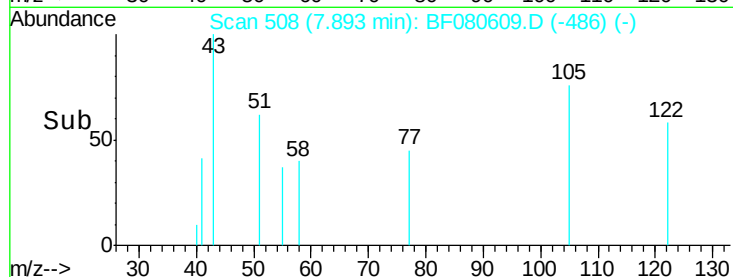
77 77.2 102.5 142.5#



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



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.00 min Scan# 692

Delta R.T. 0.00 min

Lab File: BF080609.D

Acq: 24 Jul 2015 00:06

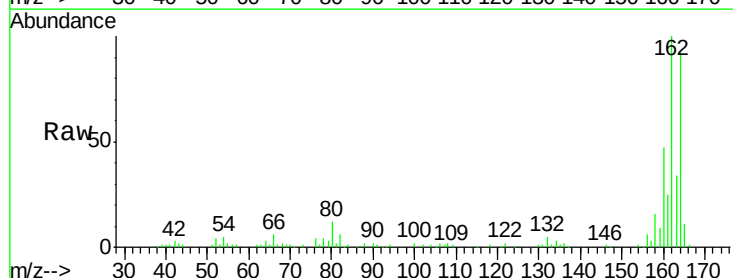
Tgt Ion:164 Resp: 74276

Ion Ratio Lower Upper

164 100

162 108.2 82.2 123.4

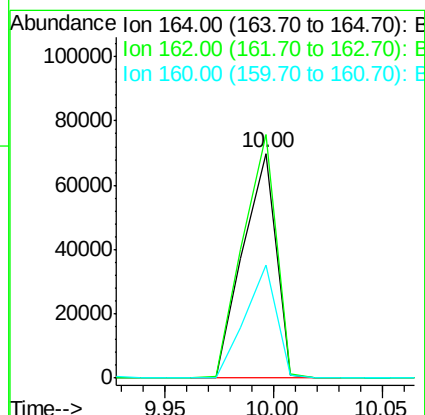
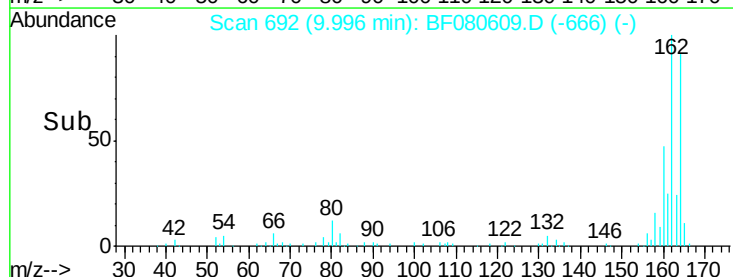
160 50.5 36.1 54.1

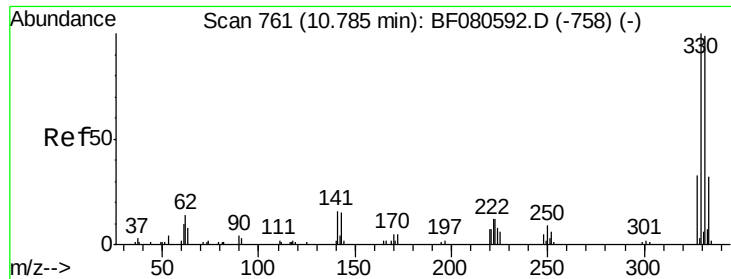


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

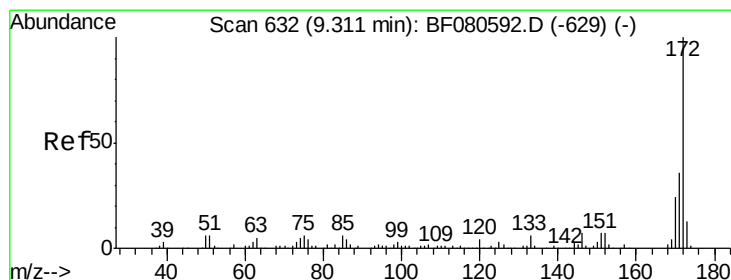
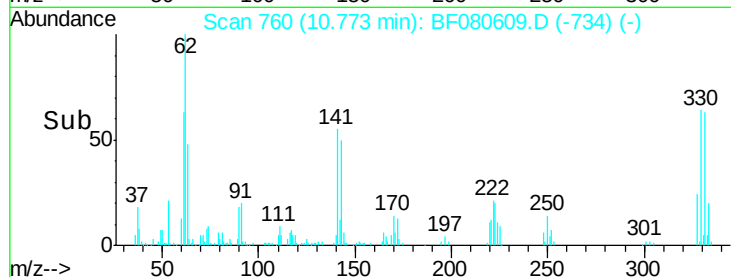
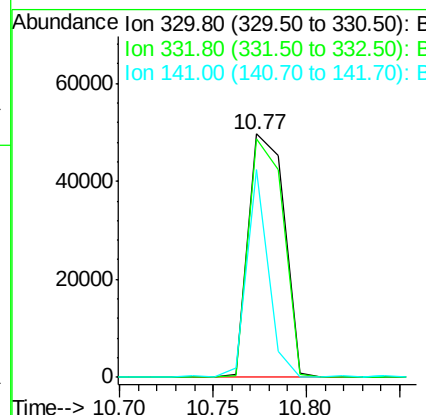
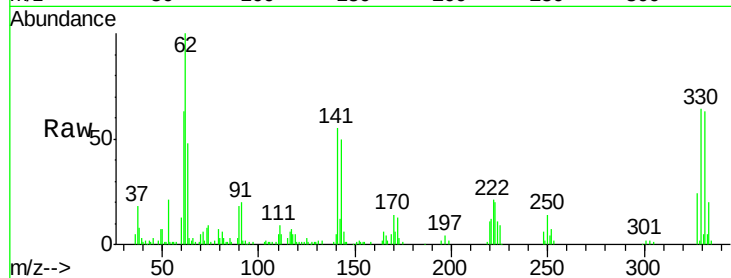




#41
 2,4,6-Tribromophenol
 Concen: 112.27 ng
 RT: 10.77 min Scan# 760
 Delta R.T. 0.00 min
 Lab File: BF080609.D
 Acq: 24 Jul 2015 00:06

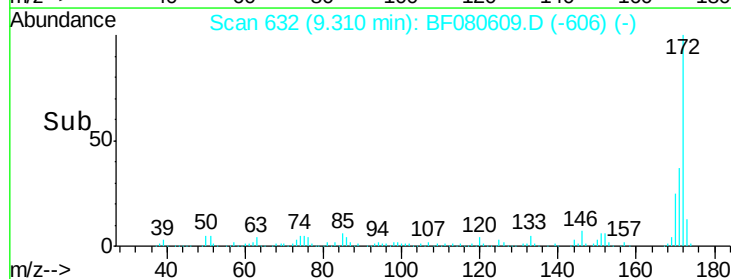
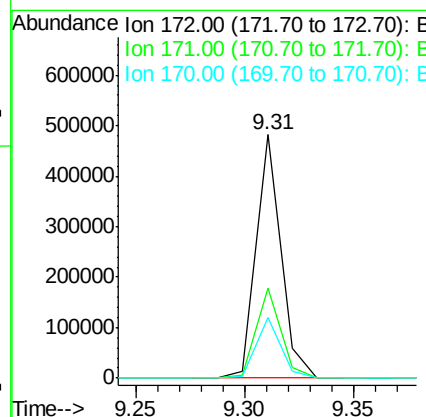
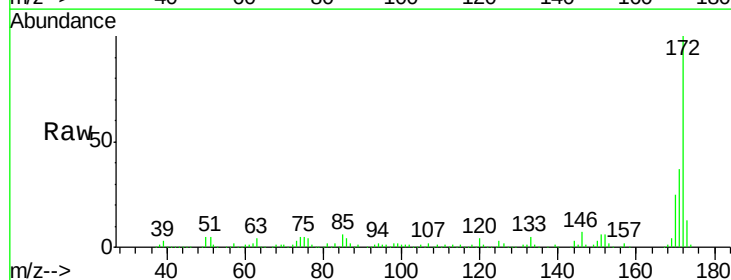
Instrument :
 BNA_F
 ClientSampleId :
 MW-3

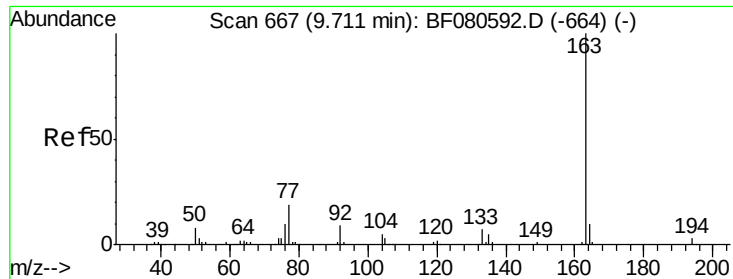
Tgt Ion:330 Resp: 66076
 Ion Ratio Lower Upper
 330 100
 332 95.9 78.3 117.5
 141 51.8 37.9 56.9



#44
 2-Fluorobiphenyl
 Concen: 74.39 ng
 RT: 9.31 min Scan# 632
 Delta R.T. 0.00 min
 Lab File: BF080609.D
 Acq: 24 Jul 2015 00:06

Tgt Ion:172 Resp: 380843
 Ion Ratio Lower Upper
 172 100
 171 36.7 27.7 41.5
 170 24.7 19.1 28.7

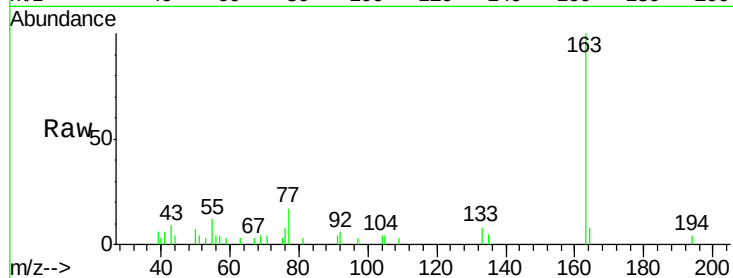




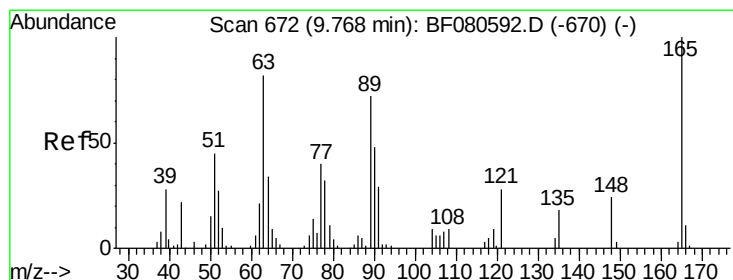
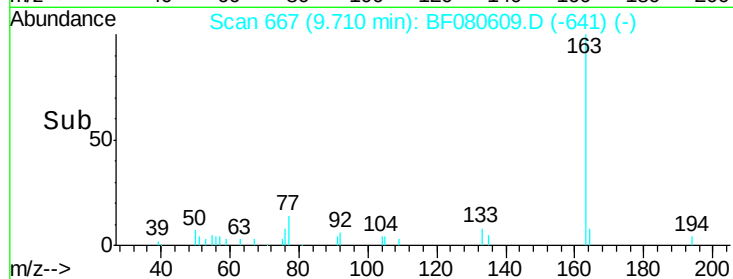
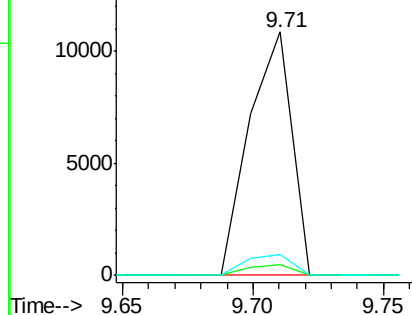
#49
Dimethylphthalate
Concen: 2.27 ng
RT: 9.71 min Scan# 667
Delta R.T. 0.00 min
Lab File: BF080609.D
Acq: 24 Jul 2015 00:06

Instrument :
BNA_F
ClientSampled :
MW-3

Tgt Ion:163 Resp: 12401
Ion Ratio Lower Upper
163 100
194 4.2 2.5 3.7#
164 8.3 8.1 12.1

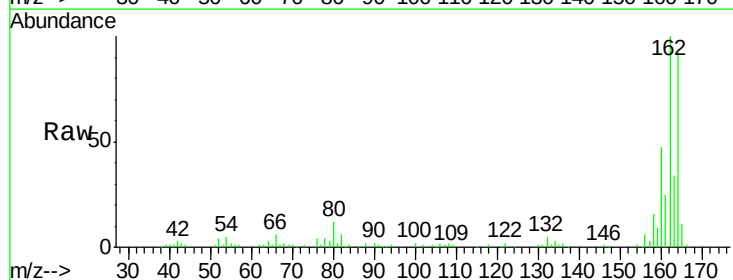


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

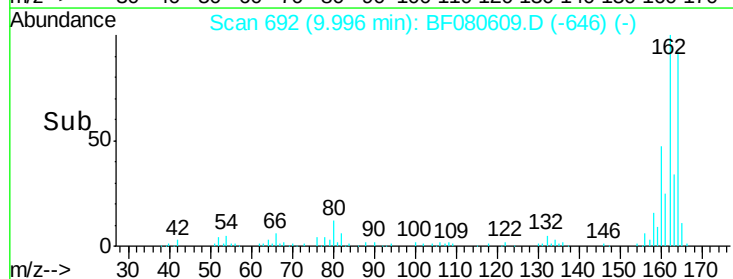
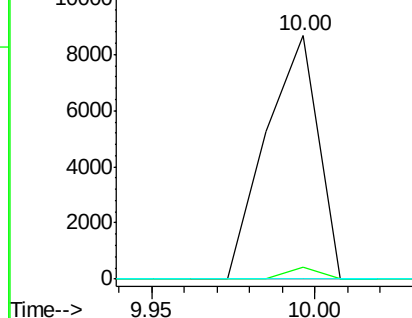


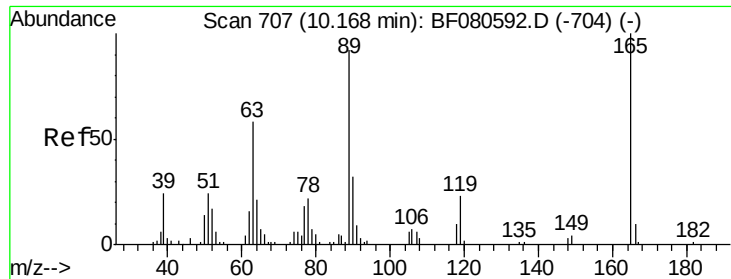
#50
2,6-Dinitrotoluene
Concen: 9.34 ng
RT: 10.00 min Scan# 692
Delta R.T. 0.23 min
Lab File: BF080609.D
Acq: 24 Jul 2015 00:06

Tgt Ion:165 Resp: 9546
Ion Ratio Lower Upper
165 100
63 4.7 59.0 88.6#
89 0.0 56.9 85.3#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0





#56

2,4-Dinitrotoluene

Concen: 7.46 ng

RT: 10.00 min Scan# 692

Delta R.T. -0.17 min

Lab File: BF080609.D

Acq: 24 Jul 2015 00:06

Instrument :

BNA_F

ClientSampleId :

MW-3

Tgt Ion:165 Resp: 9547

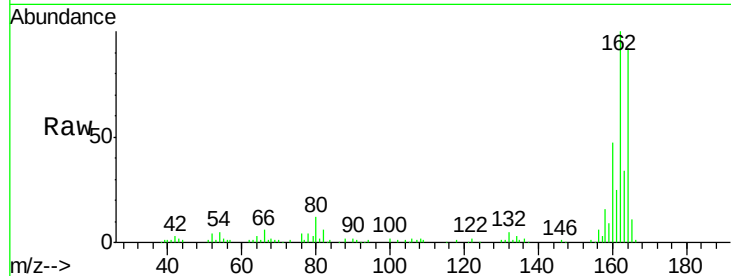
Ion Ratio Lower Upper

165 100

63 4.7 48.1 72.1#

89 0.0 77.4 116.0#

182 0.0 1.3 1.9#

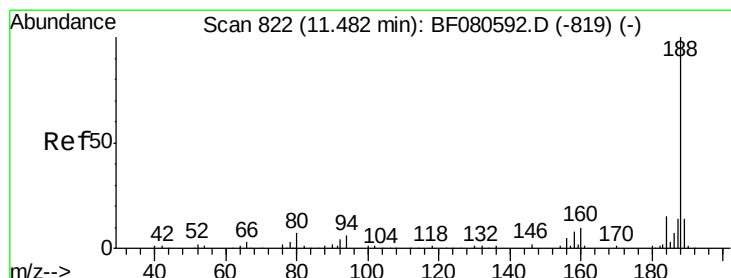
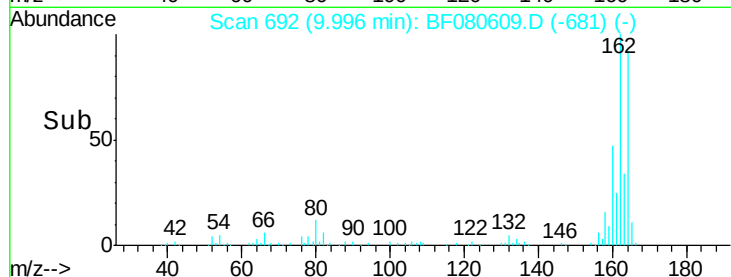
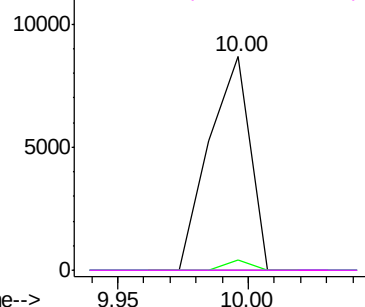


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.48 min Scan# 822

Delta R.T. 0.00 min

Lab File: BF080609.D

Acq: 24 Jul 2015 00:06

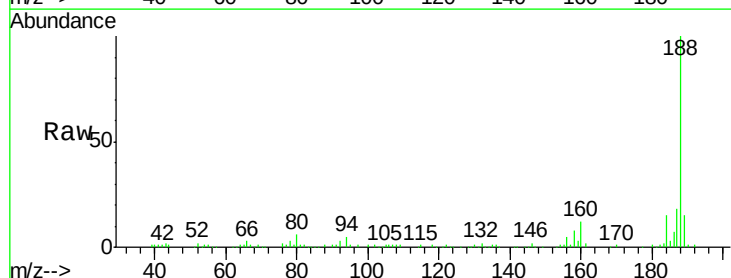
Tgt Ion:188 Resp: 126560

Ion Ratio Lower Upper

188 100

94 5.4 6.1 9.1#

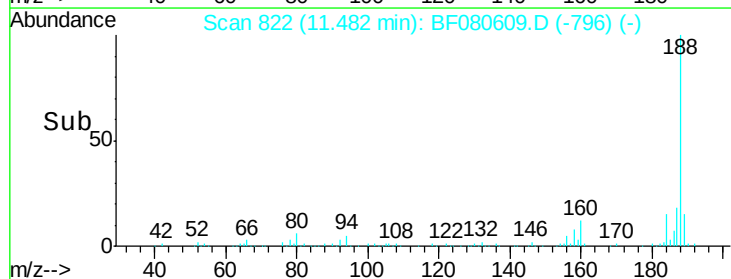
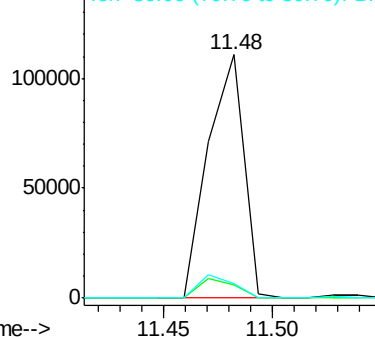
80 6.2 7.0 10.6#

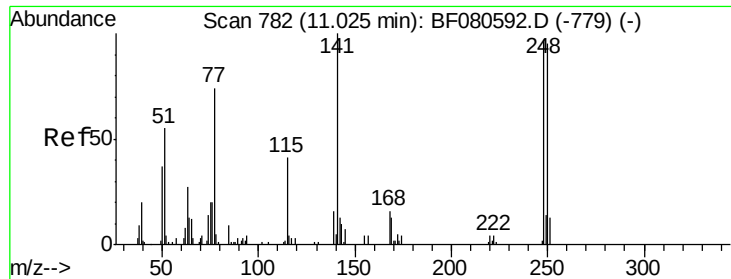


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

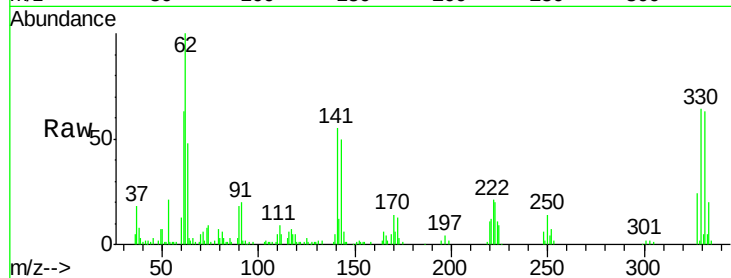




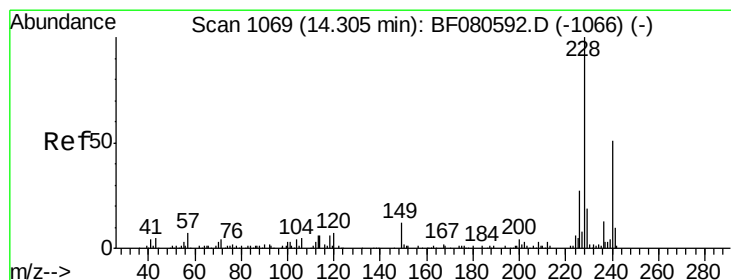
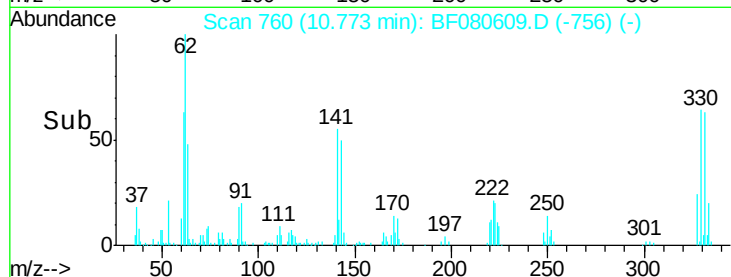
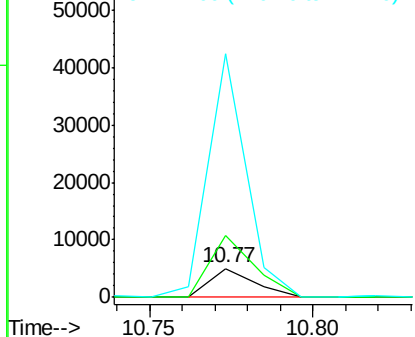
#66
4-Bromophenyl-phenylether
Concen: 3.67 ng
RT: 10.77 min Scan# 760
Delta R.T. -0.25 min
Lab File: BF080609.D
Acq: 24 Jul 2015 00:06

Instrument :
BNA_F
ClientSampled :
MW-3

Tgt Ion:248 Resp: 4716
Ion Ratio Lower Upper
248 100
250 214.9 75.4 113.2#
141 851.8 93.4 140.0#

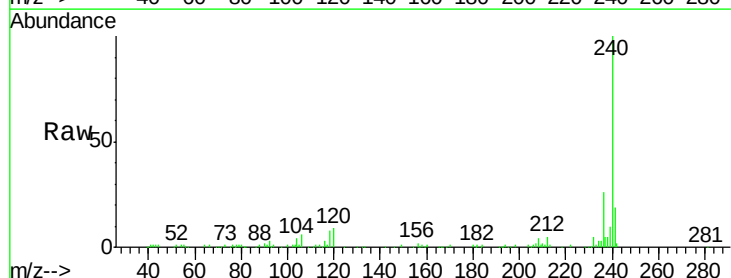


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

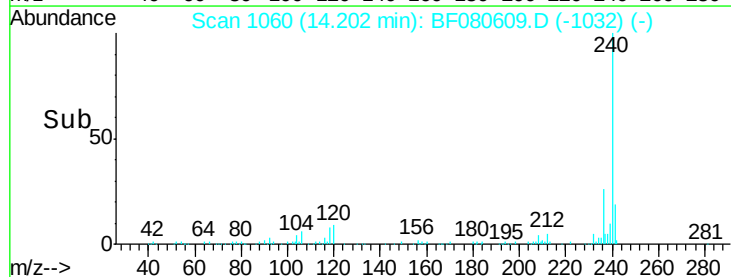
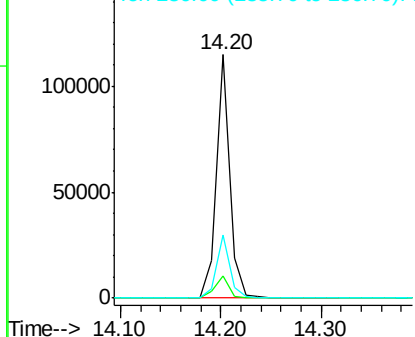


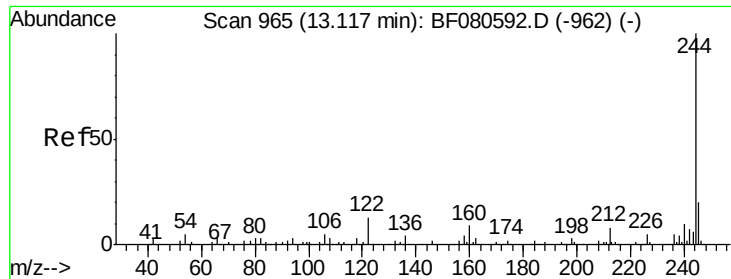
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.20 min Scan# 1060
Delta R.T. 0.02 min
Lab File: BF080609.D
Acq: 24 Jul 2015 00:06

Tgt Ion:240 Resp: 106840
Ion Ratio Lower Upper
240 100
120 9.2 9.9 14.9#
236 26.1 19.1 28.7



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

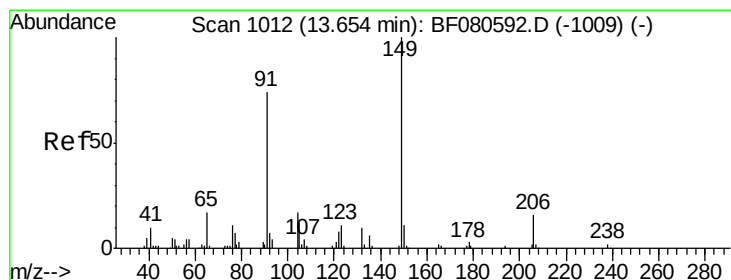
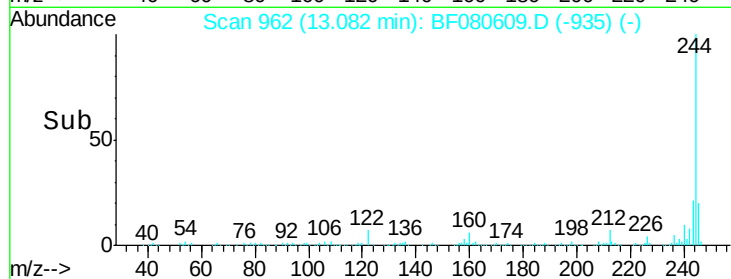
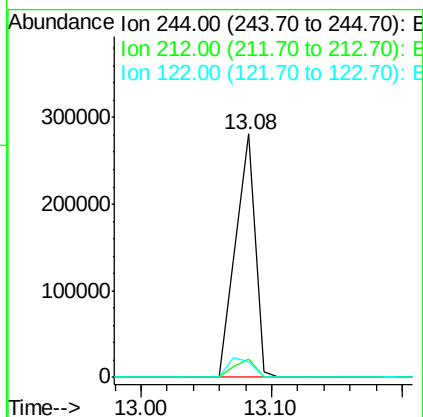
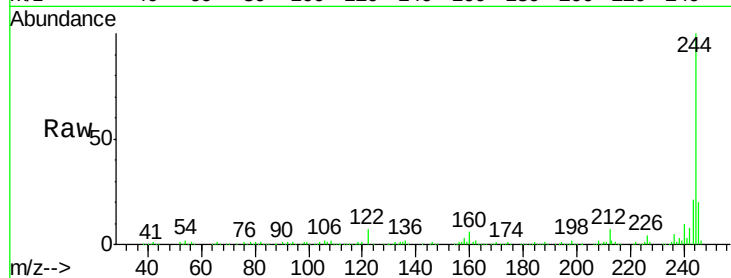




#78
 Terphenyl-d14
 Concen: 57.02 ng
 RT: 13.08 min Scan# 962
 Delta R.T. 0.01 min
 Lab File: BF080609.D
 Acq: 24 Jul 2015 00:06

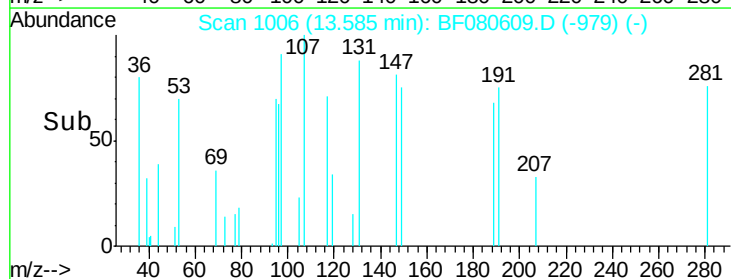
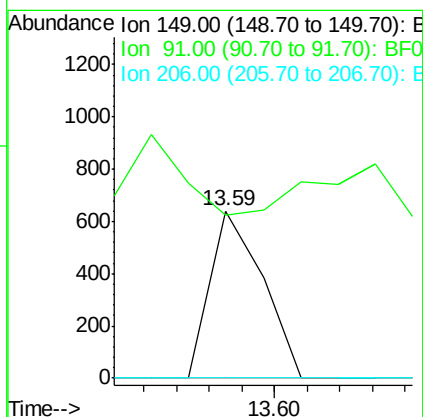
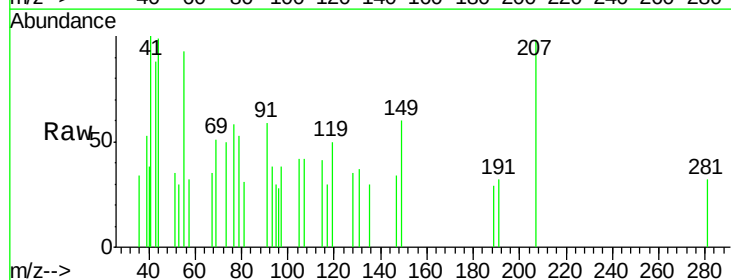
Instrument :
 BNA_F
 ClientSampleId :
 MW-3

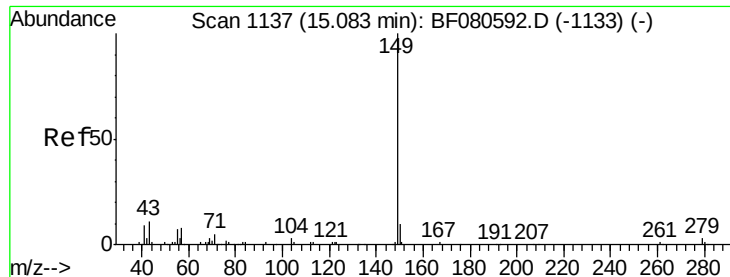
Tgt Ion:244 Resp: 291124
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.0 9.0
 122 6.6 8.2 12.2#



#79
 Butylbenzylphthalate
 Concen: 5.55 ng
 RT: 13.59 min Scan# 1006
 Delta R.T. 0.01 min
 Lab File: BF080609.D
 Acq: 24 Jul 2015 00:06

Tgt Ion:149 Resp: 701
 Ion Ratio Lower Upper
 149 100
 91 97.8 53.0 79.6#
 206 0.0 15.0 22.6#





#84

Di-n-octyl phthalate

Concen: 5.97 ng

RT: 14.92 min Scan# 1123

Delta R.T. 0.06 min

Lab File: BF080609.D

Acq: 24 Jul 2015 00:06

Instrument :

BNA_F

ClientSampled :

MW-3

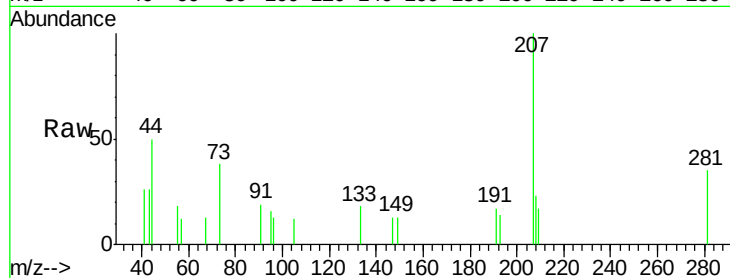
Tgt Ion:149 Resp: 249

Ion Ratio Lower Upper

149 100

167 0.0 1.2 1.8#

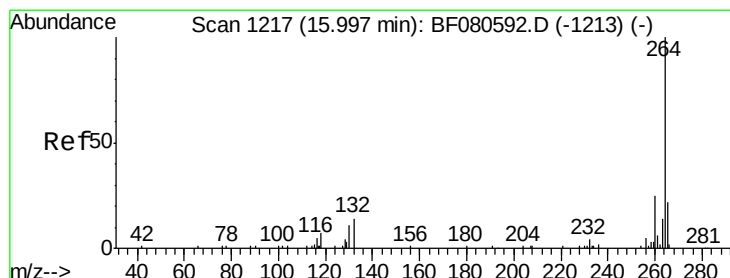
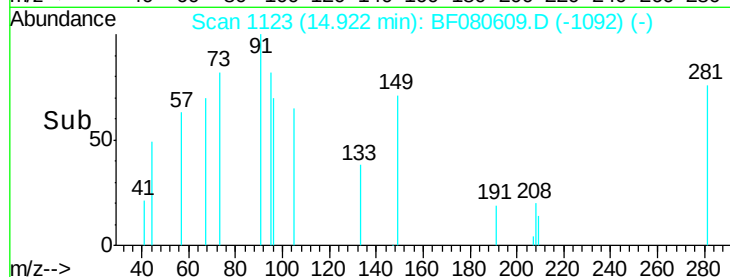
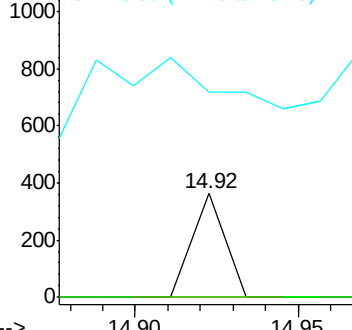
43 320.5 12.5 18.7#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.80 min Scan# 1200

Delta R.T. 0.06 min

Lab File: BF080609.D

Acq: 24 Jul 2015 00:06

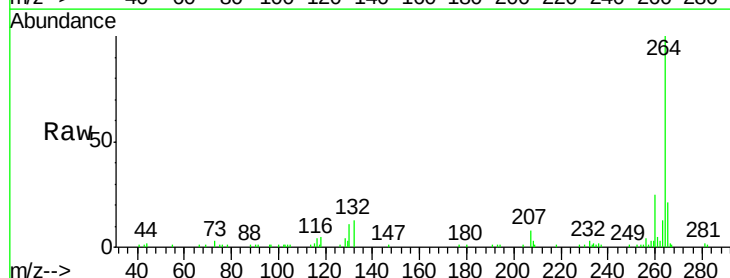
Tgt Ion:264 Resp: 88691

Ion Ratio Lower Upper

264 100

260 25.3 17.8 26.8

265 21.5 15.6 23.4



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

