

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072415\
 Data File : BF080659.D
 Acq On : 25 Jul 2015 9:23
 Operator : TP/UM
 Sample : G3079-03
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-8-7-22-15

Quant Time: Jul 27 01:16:59 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 25 04:28:42 2015
 Response via : Initial Calibration

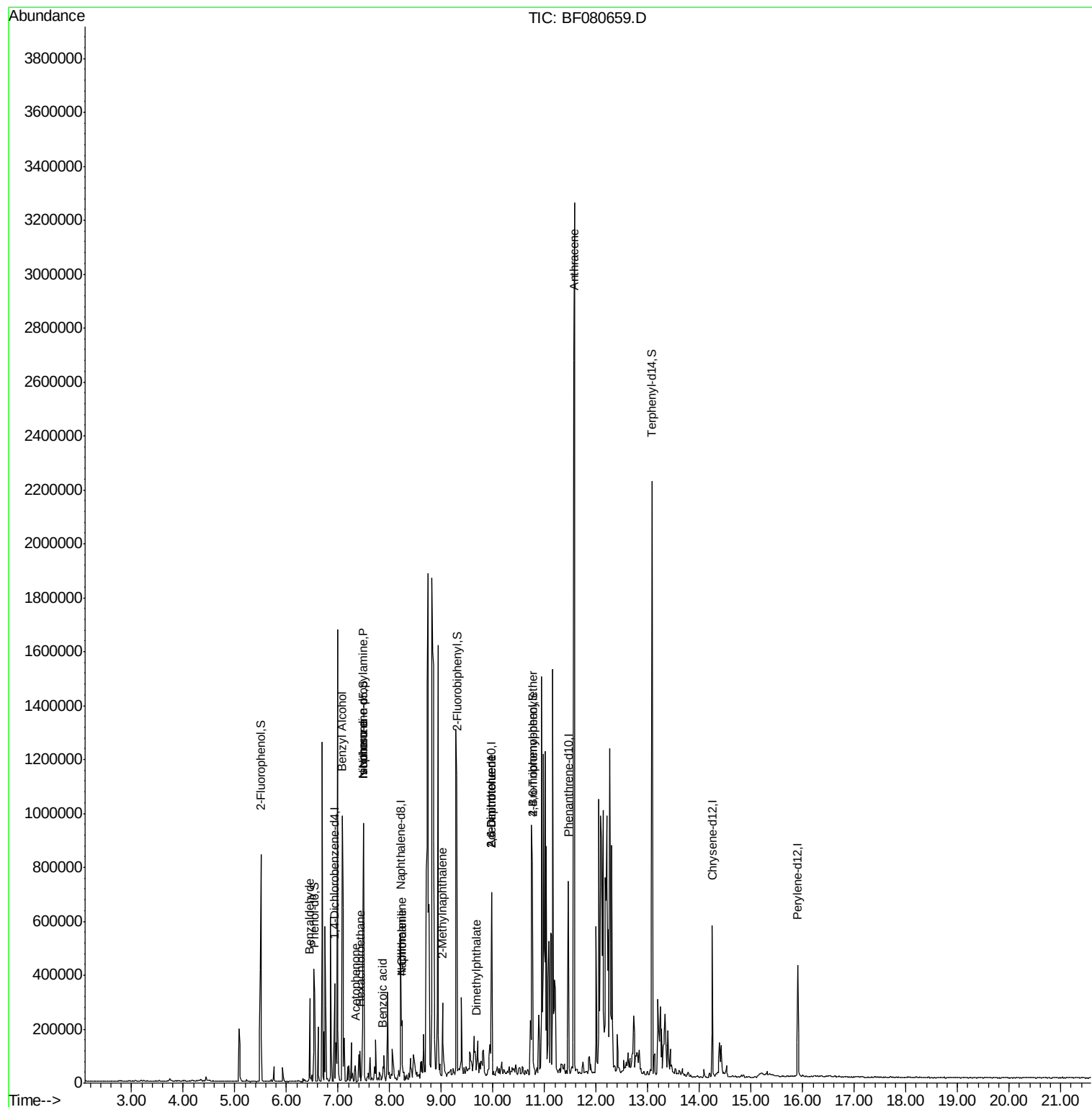
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	55597	20.00	ng	0.00
21) Naphthalene-d8	8.21	136	213606	20.00	ng	0.00
38) Acenaphthene-d10	9.97	164	121433	20.00	ng	0.00
63) Phenanthrene-d10	11.46	188	230239	20.00	ng	0.00
75) Chrysene-d12	14.25	240	210250	20.00	ng	0.09
86) Perylene-d12	15.91	264	186933	20.00	ng	0.17
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	177924	53.89	ng	0.00
7) Phenol-d6	6.54	99	133375	33.82	ng	0.00
23) Nitrobenzene-d5	7.49	82	306803	72.13	ng	0.00
41) 2,4,6-Tribromophenol	10.76	330	132248	121.22	ng	0.00
44) 2-Fluorobiphenyl	9.30	172	539224	68.51	ng	0.00
78) Terphenyl-d14	13.08	244	684330	70.08	ng	0.02
Target Compounds						Qvalue
9) Benzaldehyde	6.45	77	13505	5.24	ng	# 1
15) Benzyl Alcohol	7.08	79	6686	2.04	ng	88
18) Hexachloroethane	7.42	117	5308	3.35	ng	# 1
19) n-Nitroso-di-n-propylamine	7.49	70	41965	14.75	ng	# 67
22) Acetophenone	7.33	105	26381	4.76	ng	# 46
25) Isophorone	7.49	82	306354	41.07	ng	# 73
31) Naphthalene	8.24	128	68421	6.39	ng	96
32) Benzoic acid	7.86	122	5139	8.89	ng	# 18
33) 4-Chloroaniline	8.24	127	11041	2.35	ng	# 35
37) 2-Methylnaphthalene	9.02	142	68177	8.94	ng	94
49) Dimethylphthalate	9.69	163	17900	2.06	ng	# 97
50) 2,6-Dinitrotoluene	9.97	165	16725	10.79	ng	# 5
56) 2,4-Dinitrotoluene	9.97	165	16725	8.16	ng	# 6
66) 4-Bromophenyl-phenylether	10.76	248	8227	3.79	ng	# 1
71) Anthracene	11.57	178	35284	2.88	ng	# 47

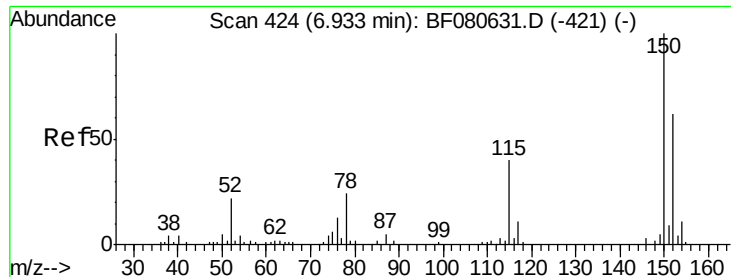
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.93 min Scan# 424

Delta R.T. -0.00 min

Lab File: BF080659.D

Acq: 25 Jul 2015 9:23

Instrument :

BNA_F

ClientSampleId :

MW-8-7-22-15

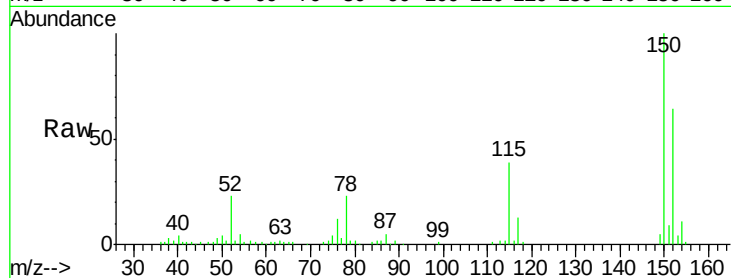
Tgt Ion:152 Resp: 55597

Ion Ratio Lower Upper

152 100

150 157.2 128.9 193.3

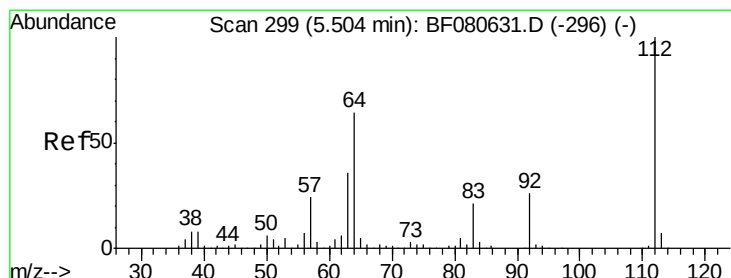
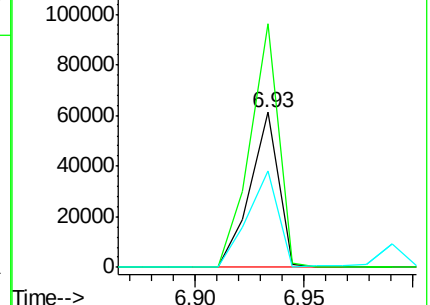
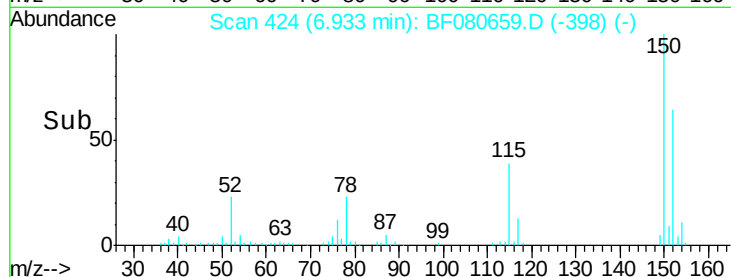
115 62.0 51.0 76.6



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: 53.89 ng

RT: 5.50 min Scan# 299

Delta R.T. -0.00 min

Lab File: BF080659.D

Acq: 25 Jul 2015 9:23

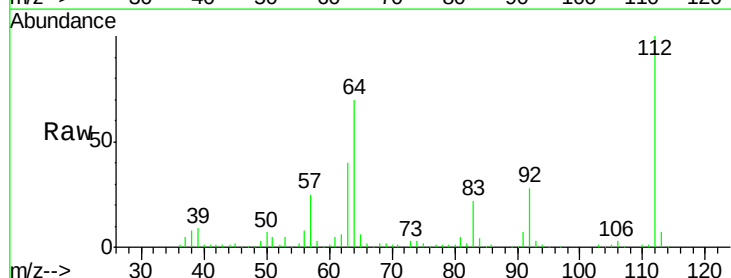
Tgt Ion:112 Resp: 177924

Ion Ratio Lower Upper

112 100

64 70.0 51.2 76.8

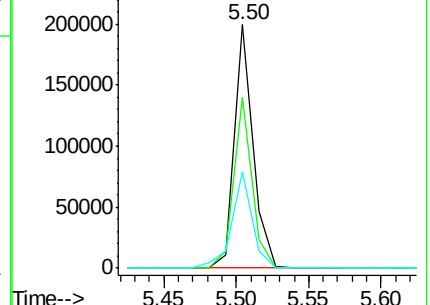
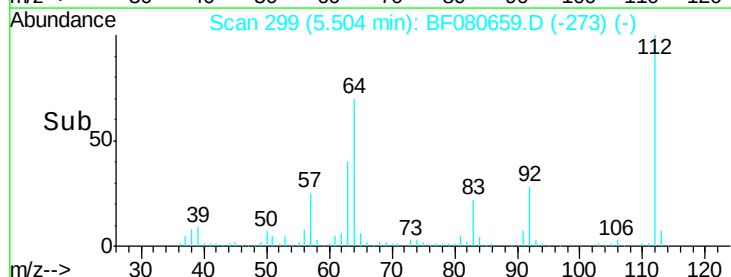
63 39.8 29.0 43.6

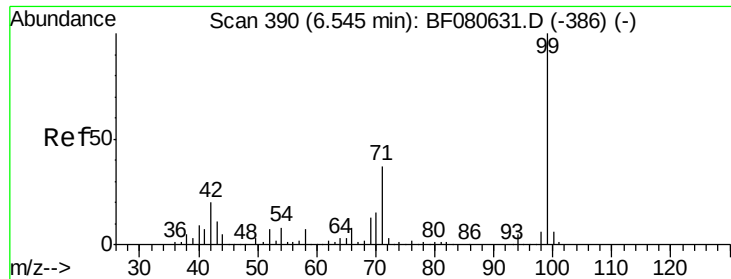


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 33.82 ng

RT: 6.54 min Scan# 390

Delta R.T. -0.00 min

Lab File: BF080659.D

Acq: 25 Jul 2015 9:23

Instrument :

BNA_F

ClientSampleId :

MW-8-7-22-15

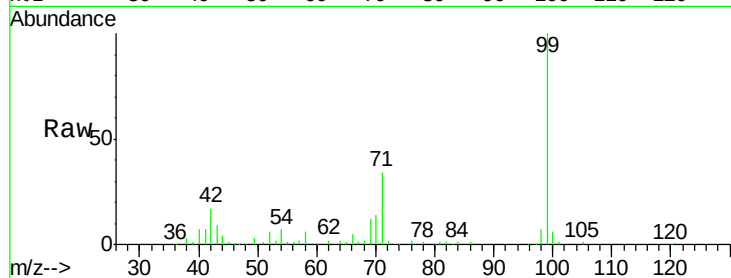
Tgt Ion: 99 Resp: 133375

Ion Ratio Lower Upper

99 100

42 17.2 16.3 24.5

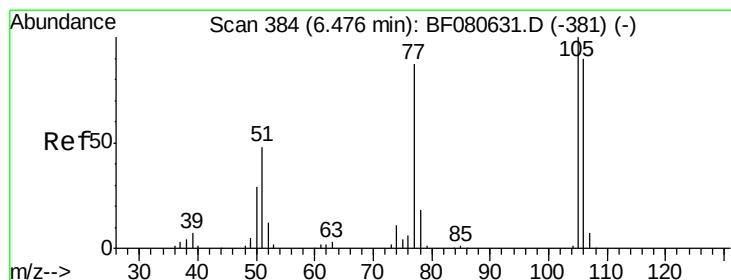
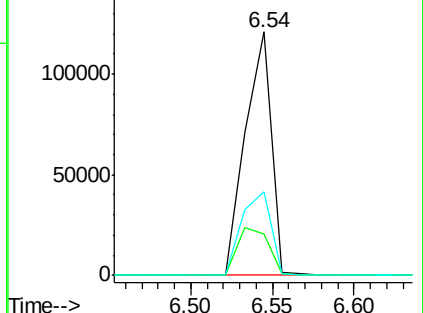
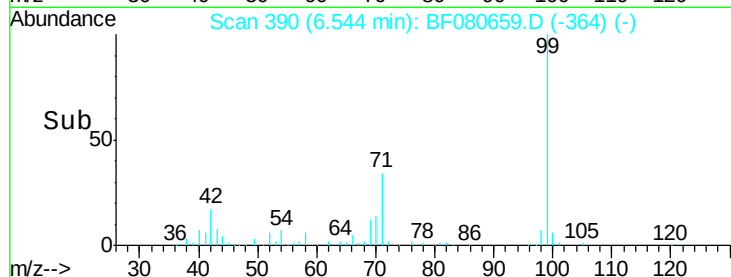
71 34.3 29.7 44.5



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: 5.24 ng

RT: 6.45 min Scan# 382

Delta R.T. -0.02 min

Lab File: BF080659.D

Acq: 25 Jul 2015 9:23

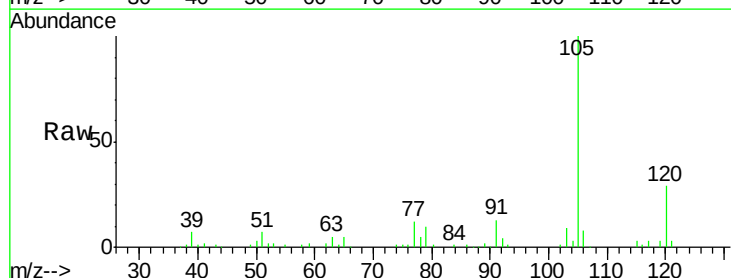
Tgt Ion: 77 Resp: 13505

Ion Ratio Lower Upper

77 100

105 837.0 94.7 134.7#

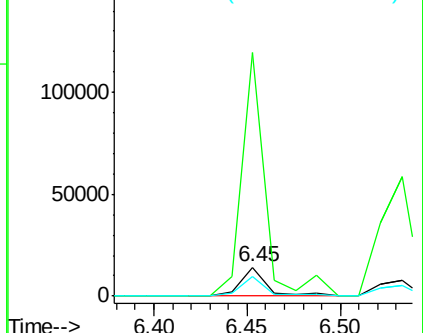
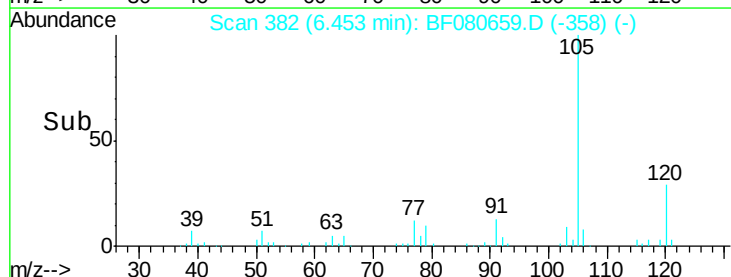
106 66.2 83.4 123.4#

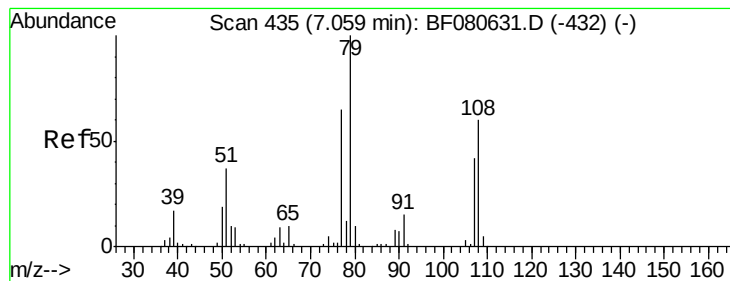


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#15

Benzyl Alcohol

Concen: 2.04 ng

RT: 7.08 min Scan# 437

Delta R.T. 0.02 min

Lab File: BF080659.D

Acq: 25 Jul 2015 9:23

Instrument :

BNA_F

ClientSampled :

MW-8-7-22-15

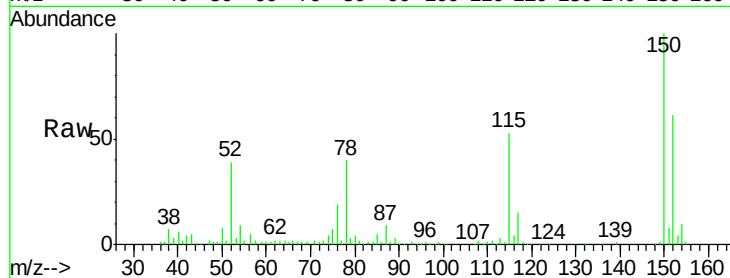
Tgt Ion: 79 Resp: 6686

Ion Ratio Lower Upper

79 100

108 51.4 47.8 71.8

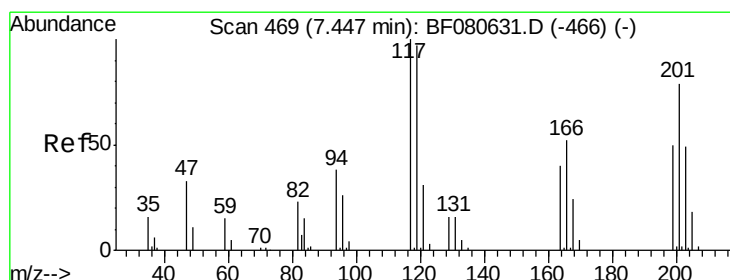
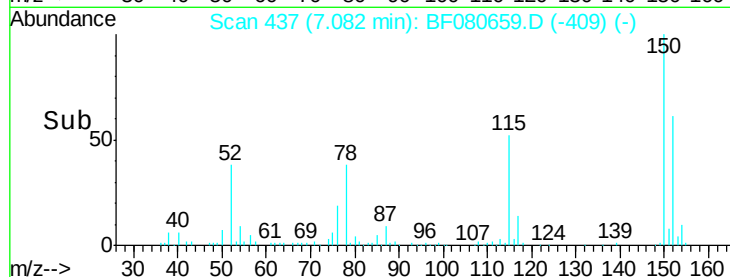
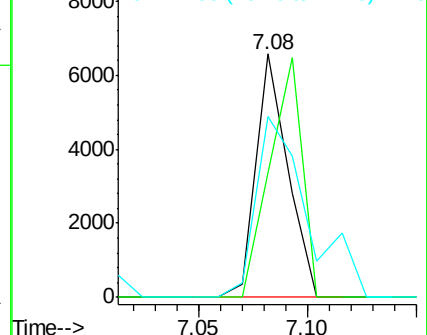
77 74.0 51.6 77.4



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#18

Hexachloroethane

Concen: 3.35 ng

RT: 7.42 min Scan# 467

Delta R.T. -0.02 min

Lab File: BF080659.D

Acq: 25 Jul 2015 9:23

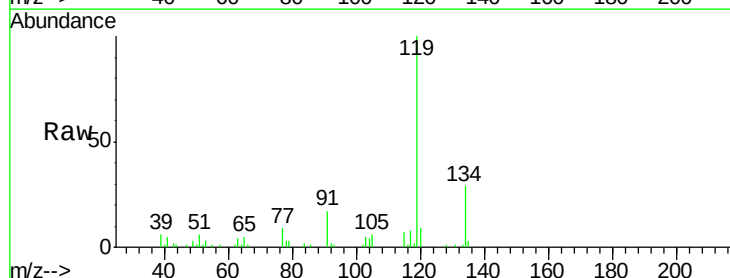
Tgt Ion: 117 Resp: 5308

Ion Ratio Lower Upper

117 100

119 1259.9 77.4 116.2#

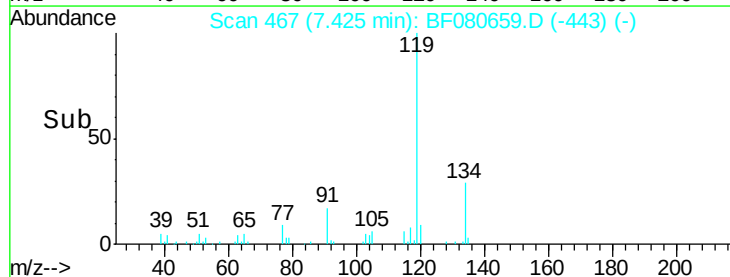
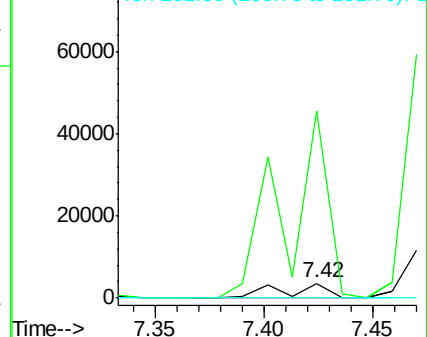
201 0.0 62.9 94.3#

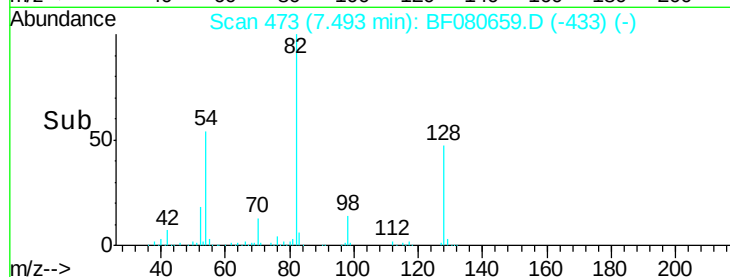
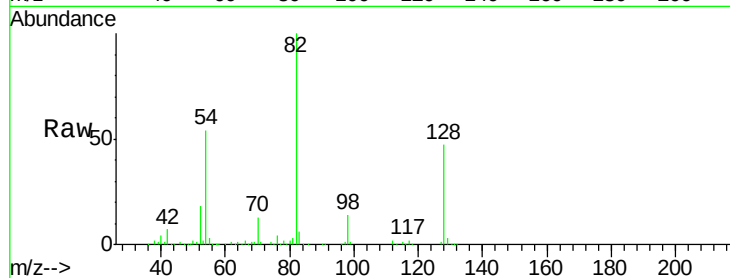
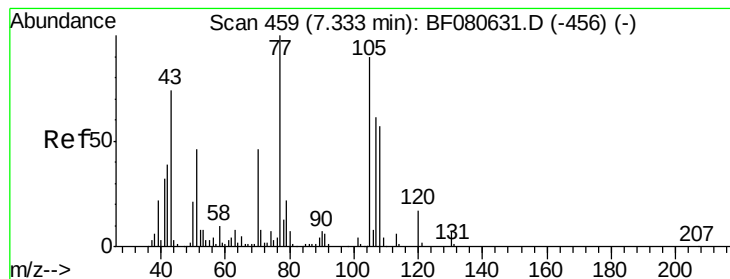


Abundance Ion 117.00 (116.70 to 117.70): BF0

Ion 119.00 (118.70 to 119.70): BF0

Ion 201.00 (200.70 to 201.70): BF0





#19

n-Nitroso-di-n-propylamine

Concen: 14.75 ng

RT: 7.49 min Scan# 473

Delta R.T. 0.16 min

Lab File: BF080659.D

Acq: 25 Jul 2015 9:23

Instrument :

BNA_F

ClientSampleId :

MW-8-7-22-15

Tgt Ion: 70 Resp: 41965

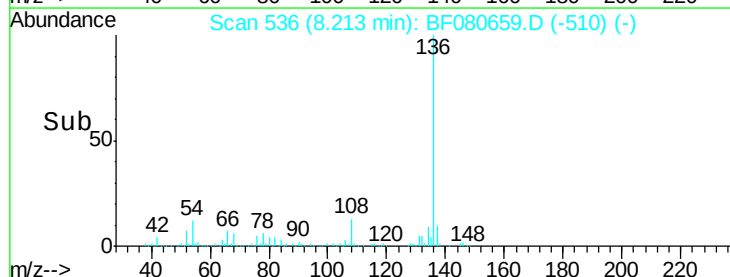
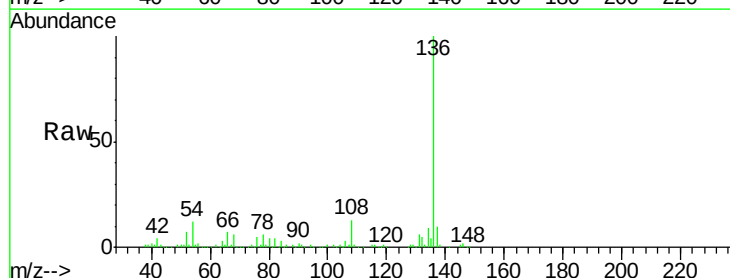
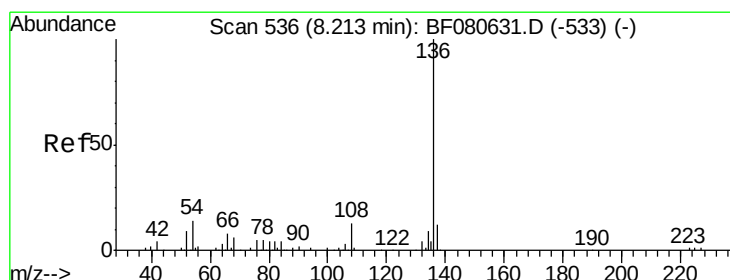
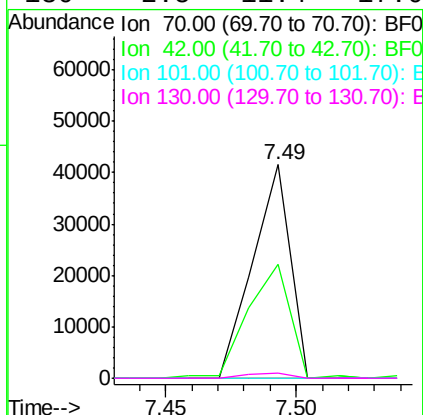
Ion Ratio Lower Upper

70 100

42 53.5 67.8 101.8#

101 0.0 6.6 9.8#

130 2.5 11.4 17.0#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.21 min Scan# 536

Delta R.T. -0.00 min

Lab File: BF080659.D

Acq: 25 Jul 2015 9:23

Tgt Ion: 136 Resp: 213606

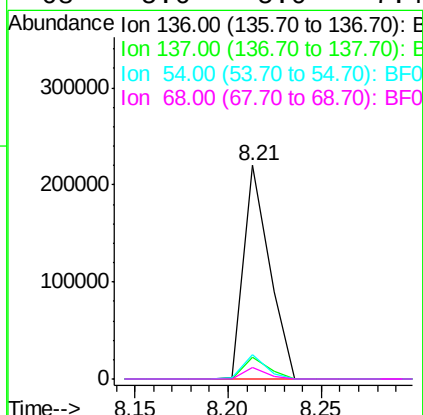
Ion Ratio Lower Upper

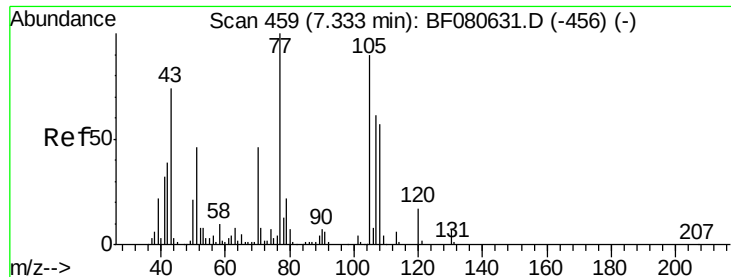
136 100

137 10.4 9.3 13.9

54 11.7 11.6 17.4

68 5.6 5.0 7.4





#22

Acetophenone

Concen: 4.76 ng

RT: 7.33 min Scan# 459

Delta R.T. -0.00 min

Lab File: BF080659.D

Acq: 25 Jul 2015 9:23

Instrument :

BNA_F

ClientSampleId :

MW-8-7-22-15

Tgt Ion:105 Resp: 26381

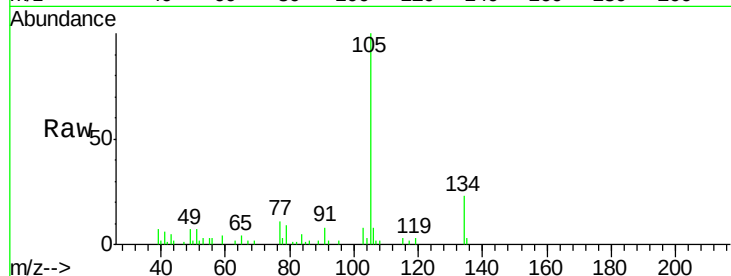
Ion Ratio Lower Upper

105 100

71 0.0 7.2 10.8#

51 6.7 40.8 61.2#

120 0.0 15.3 22.9#

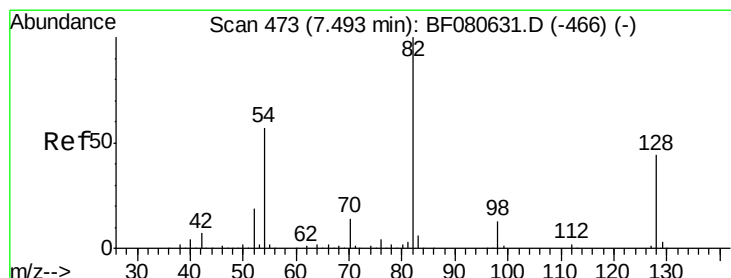
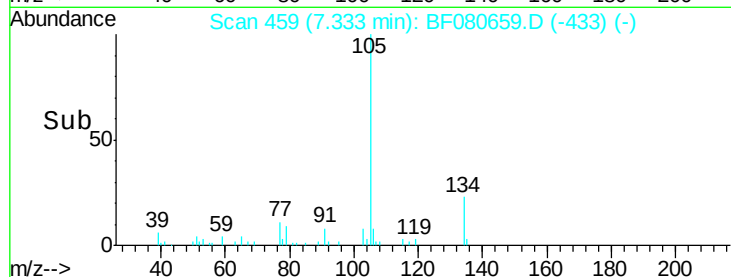
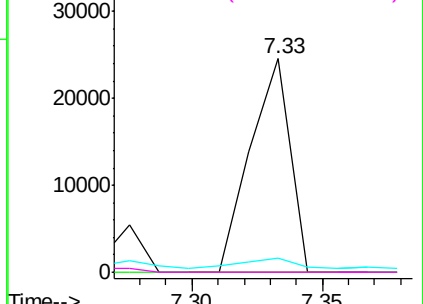


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 72.13 ng

RT: 7.49 min Scan# 473

Delta R.T. -0.00 min

Lab File: BF080659.D

Acq: 25 Jul 2015 9:23

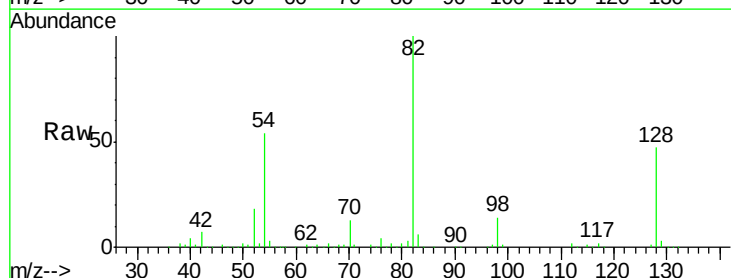
Tgt Ion: 82 Resp: 306803

Ion Ratio Lower Upper

82 100

128 46.9 34.8 52.2

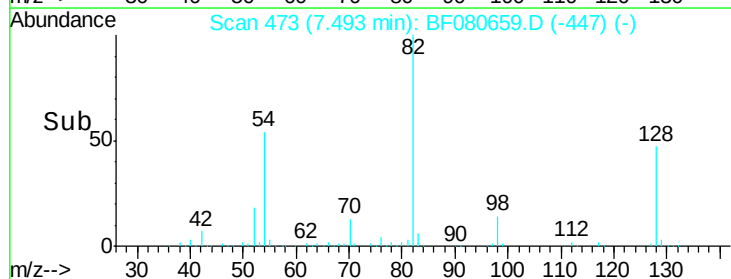
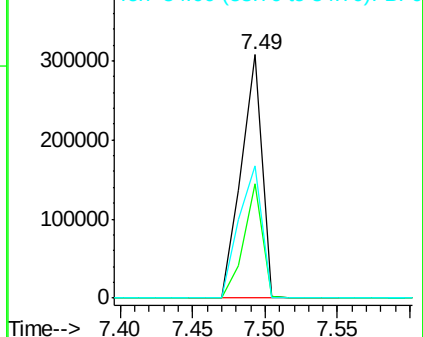
54 54.5 45.4 68.0

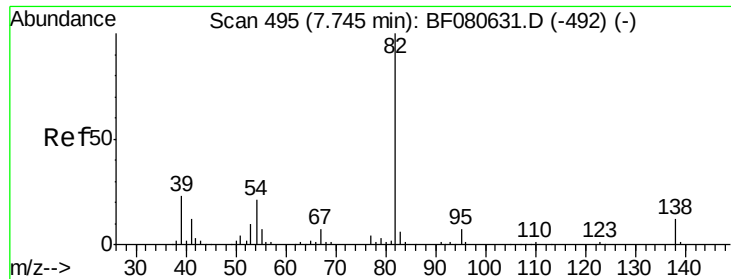


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 41.07 ng

RT: 7.49 min Scan# 473

Delta R.T. -0.25 min

Lab File: BF080659.D

Acq: 25 Jul 2015 9:23

Instrument :

BNA_F

ClientSampleId :

MW-8-7-22-15

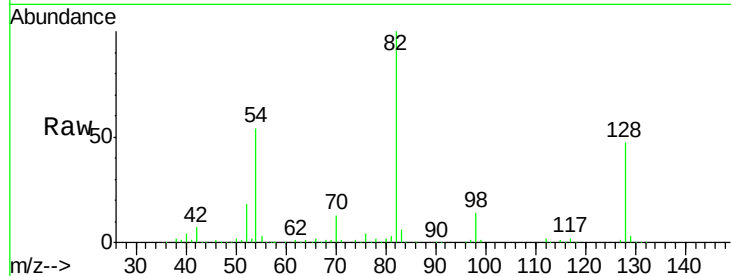
Tgt Ion: 82 Resp: 306354

Ion Ratio Lower Upper

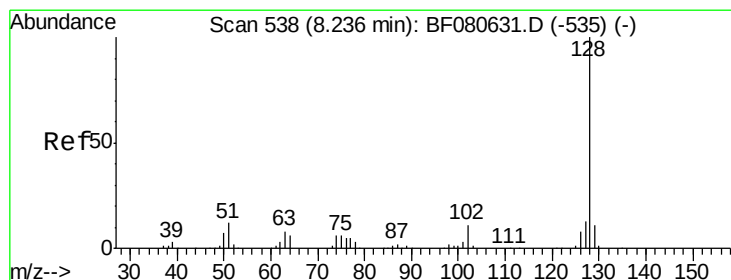
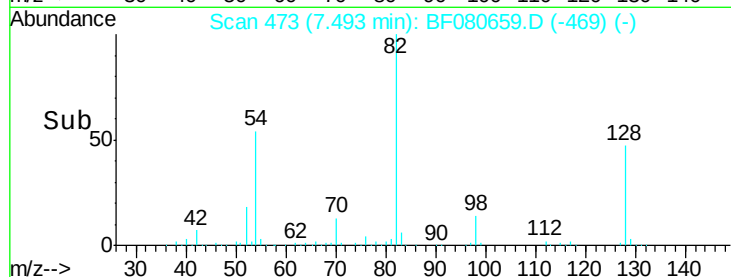
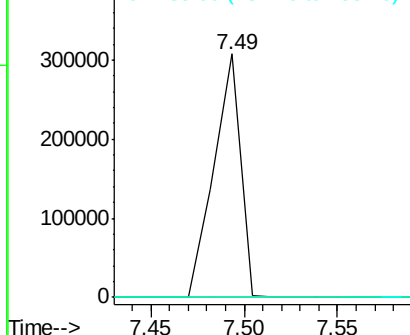
82 100

95 0.0 5.5 8.3#

138 0.0 9.7 14.5#



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): E



#31

Naphthalene

Concen: 6.39 ng

RT: 8.24 min Scan# 538

Delta R.T. -0.00 min

Lab File: BF080659.D

Acq: 25 Jul 2015 9:23

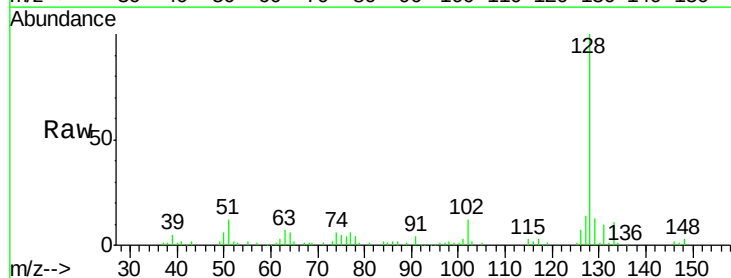
Tgt Ion: 128 Resp: 68421

Ion Ratio Lower Upper

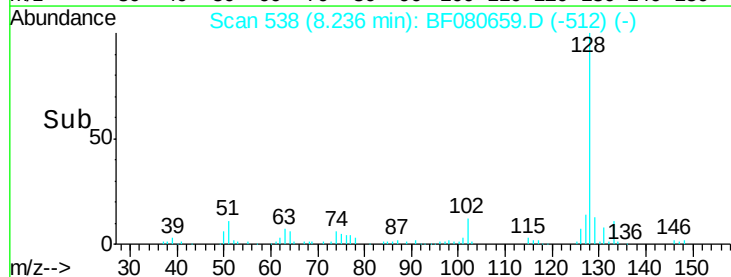
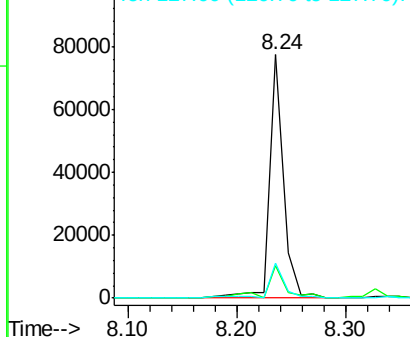
128 100

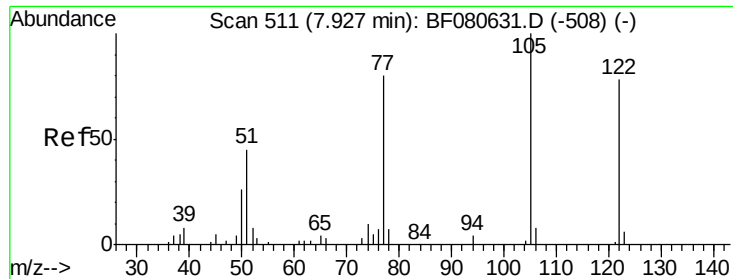
129 13.1 9.0 13.6

127 14.5 10.6 15.8



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

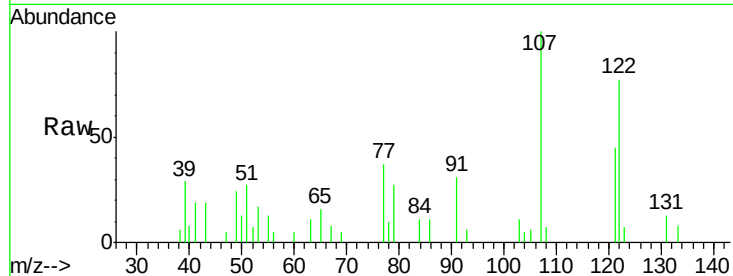




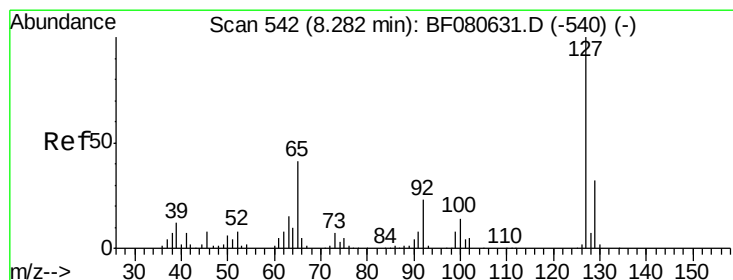
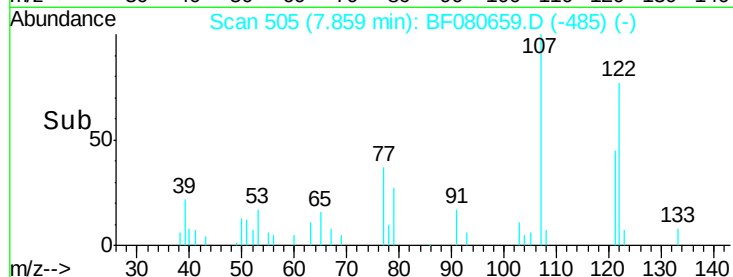
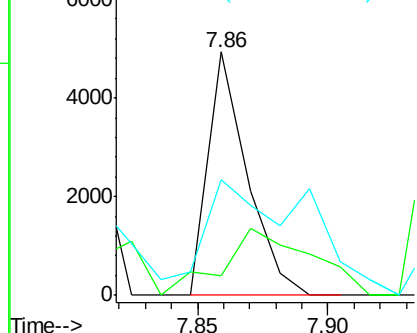
#32
Benzoic acid
Concen: 8.89 ng
RT: 7.86 min Scan# 505
Delta R.T. -0.07 min
Lab File: BF080659.D
Acq: 25 Jul 2015 9:23

Instrument :
BNA_F
ClientSampleId :
MW-8-7-22-15

Tgt Ion:122 Resp: 5139
Ion Ratio Lower Upper
122 100
105 7.8 107.9 147.9#
77 47.5 84.3 124.3#

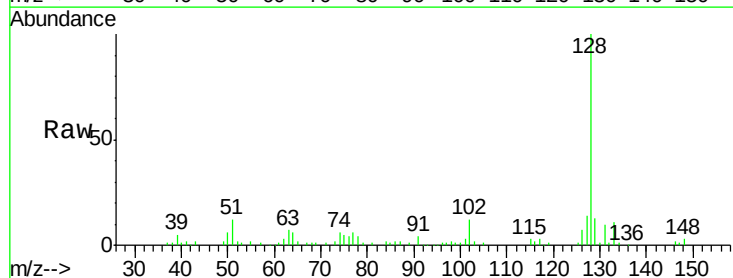


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0

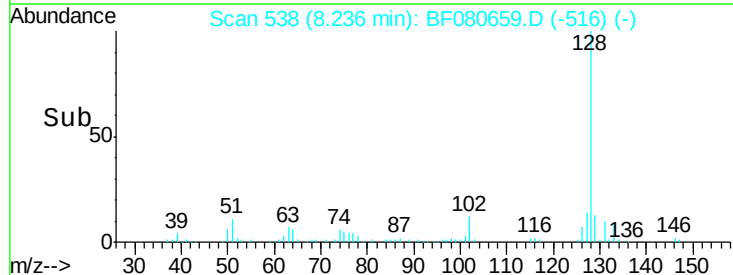
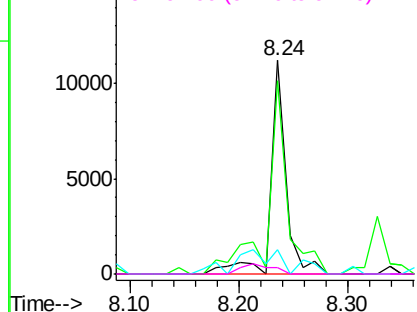


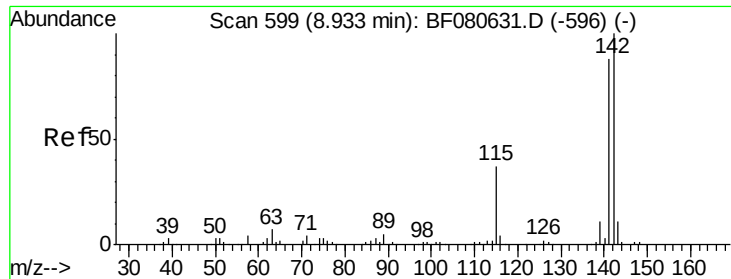
#33
4-Chloroaniline
Concen: 2.35 ng
RT: 8.24 min Scan# 538
Delta R.T. -0.05 min
Lab File: BF080659.D
Acq: 25 Jul 2015 9:23

Tgt Ion:127 Resp: 11041
Ion Ratio Lower Upper
127 100
129 90.6 25.8 38.6#
65 11.7 32.5 48.7#
92 3.2 18.5 27.7#



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

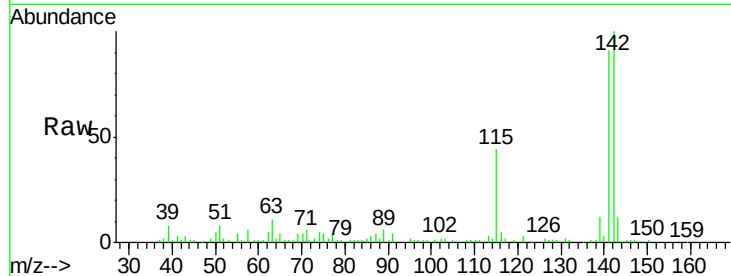




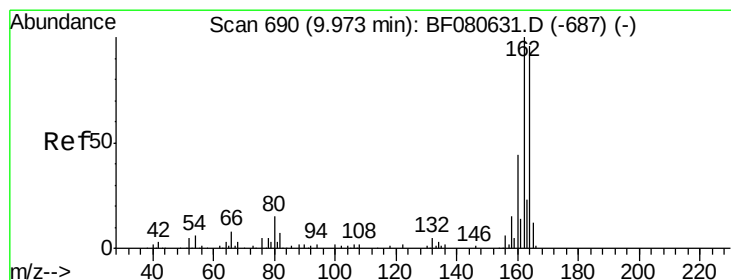
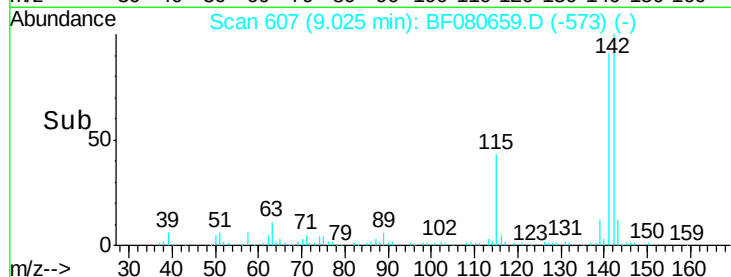
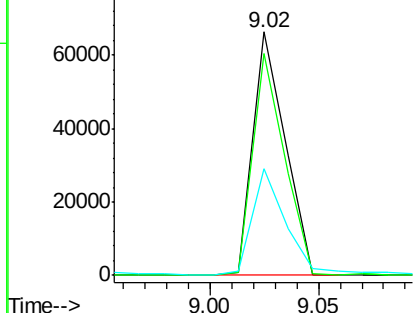
#37
 2-Methylnaphthalene
 Concen: 8.94 ng
 RT: 9.02 min Scan# 607
 Delta R.T. 0.09 min
 Lab File: BF080659.D
 Acq: 25 Jul 2015 9:23

Instrument :
 BNA_F
 ClientSampleId :
 MW-8-7-22-15

Tgt Ion:142 Resp: 68177
 Ion Ratio Lower Upper
 142 100
 141 91.4 70.7 106.1
 115 43.6 29.3 43.9

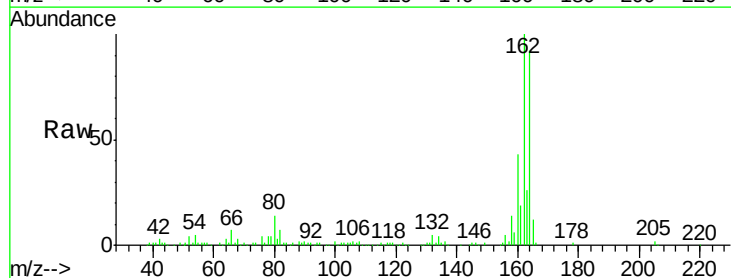


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

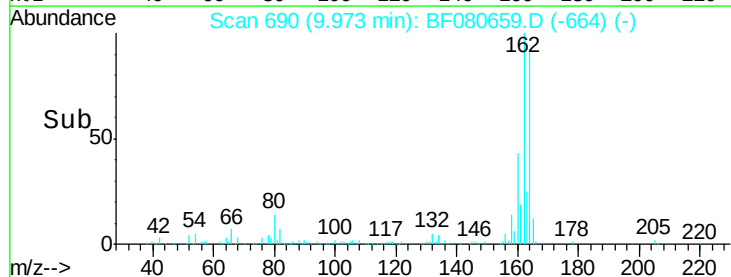
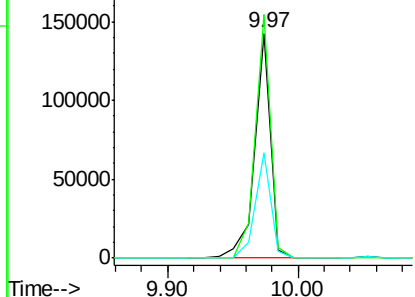


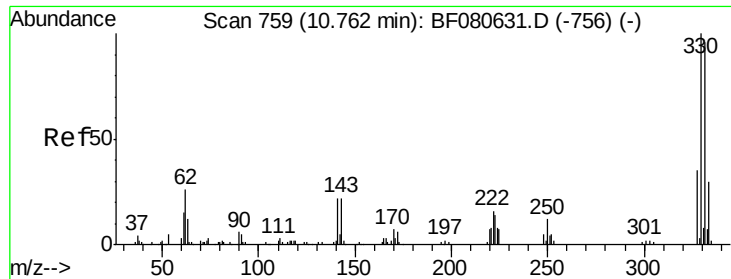
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.97 min Scan# 690
 Delta R.T. -0.00 min
 Lab File: BF080659.D
 Acq: 25 Jul 2015 9:23

Tgt Ion:164 Resp: 121433
 Ion Ratio Lower Upper
 164 100
 162 108.2 83.3 124.9
 160 46.8 36.9 55.3



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

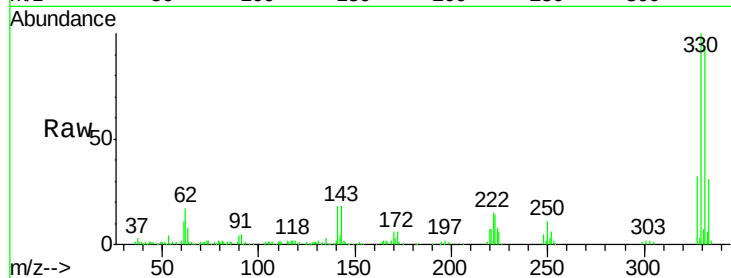




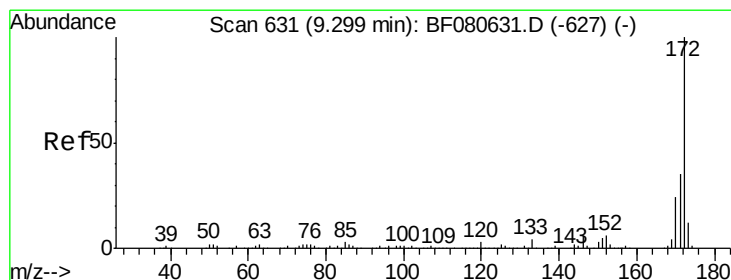
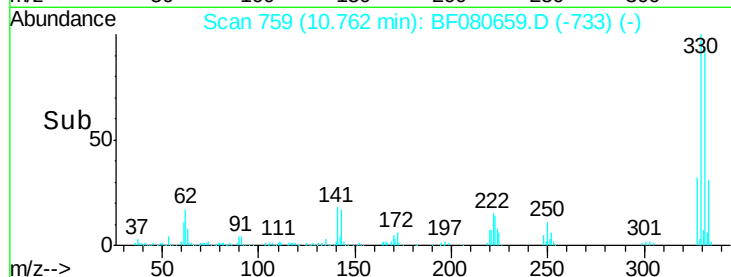
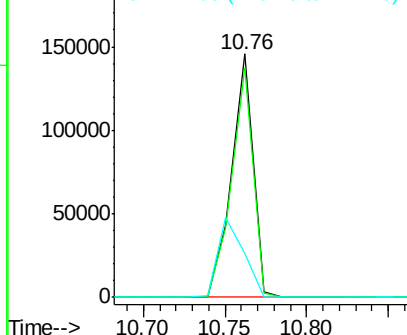
#41
 2,4,6-Tribromophenol
 Concen: 121.22 ng
 RT: 10.76 min Scan# 759
 Delta R.T. -0.00 min
 Lab File: BF080659.D
 Acq: 25 Jul 2015 9:23

Instrument :
 BNA_F
 ClientSampleId :
 MW-8-7-22-15

Tgt Ion:330 Resp: 132248
 Ion Ratio Lower Upper
 330 100
 332 94.5 76.7 115.1
 141 39.8 32.7 49.1

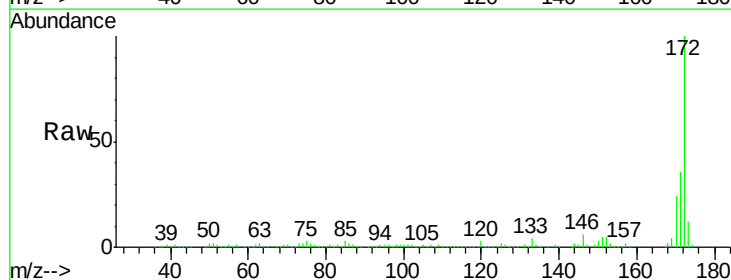


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

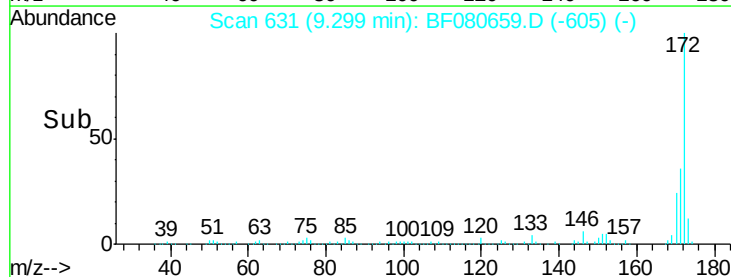
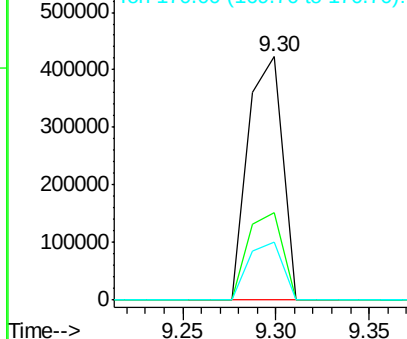


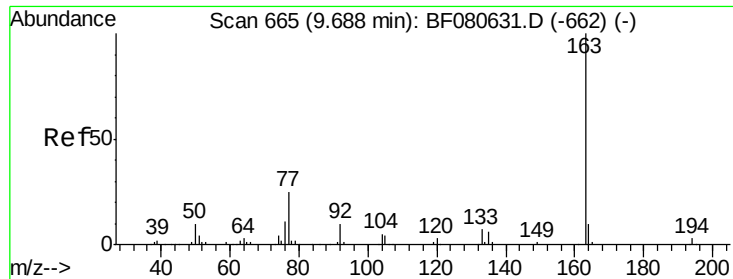
#44
 2-Fluorobiphenyl
 Concen: 68.51 ng
 RT: 9.30 min Scan# 631
 Delta R.T. -0.00 min
 Lab File: BF080659.D
 Acq: 25 Jul 2015 9:23

Tgt Ion:172 Resp: 539224
 Ion Ratio Lower Upper
 172 100
 171 35.9 27.7 41.5
 170 23.6 19.0 28.4



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

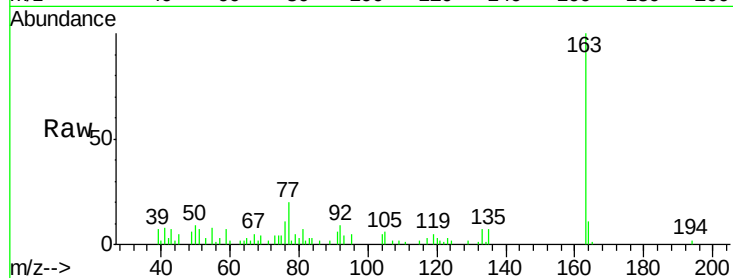




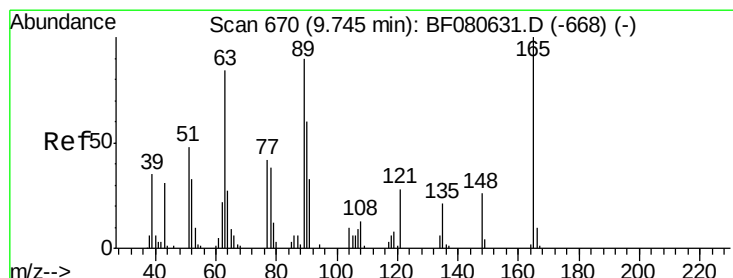
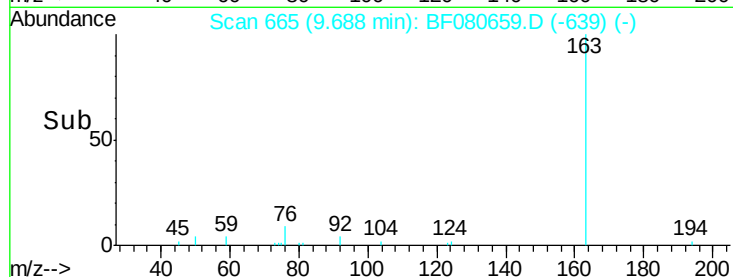
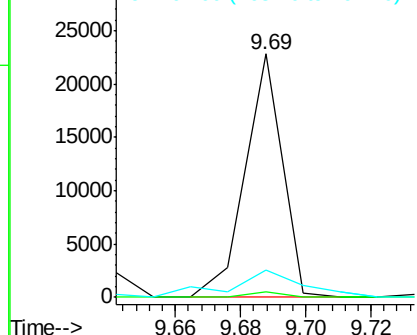
#49
Dimethylphthalate
Concen: 2.06 ng
RT: 9.69 min Scan# 665
Delta R.T. -0.00 min
Lab File: BF080659.D
Acq: 25 Jul 2015 9:23

Instrument :
BNA_F
ClientSampleId :
MW-8-7-22-15

Tgt Ion:163 Resp: 17900
Ion Ratio Lower Upper
163 100
194 2.2 2.5 3.7#
164 11.1 8.0 12.0

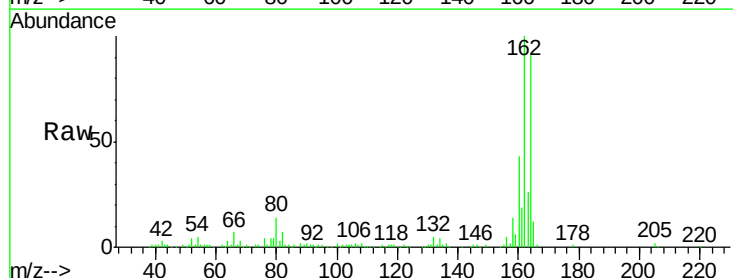


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

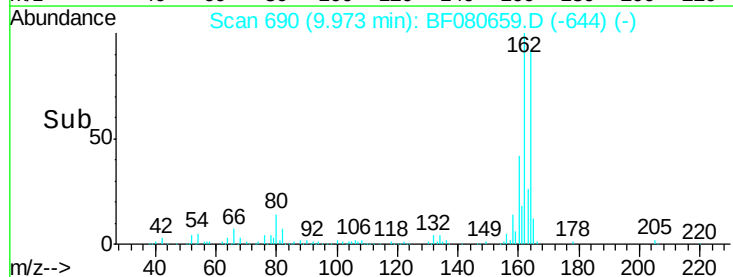
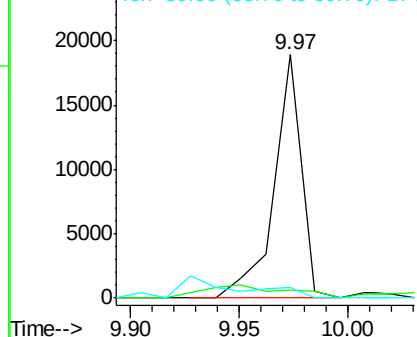


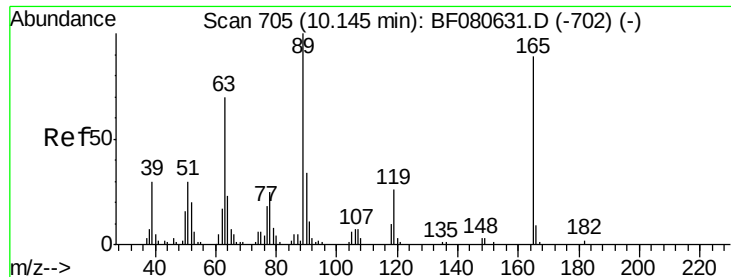
#50
2,6-Dinitrotoluene
Concen: 10.79 ng
RT: 9.97 min Scan# 690
Delta R.T. 0.23 min
Lab File: BF080659.D
Acq: 25 Jul 2015 9:23

Tgt Ion:165 Resp: 16725
Ion Ratio Lower Upper
165 100
63 3.5 84.0 126.0#
89 4.3 71.7 107.5#



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

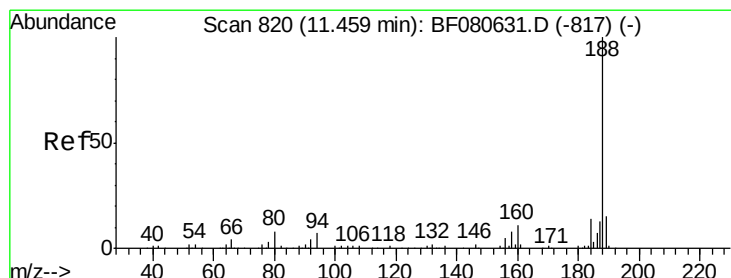
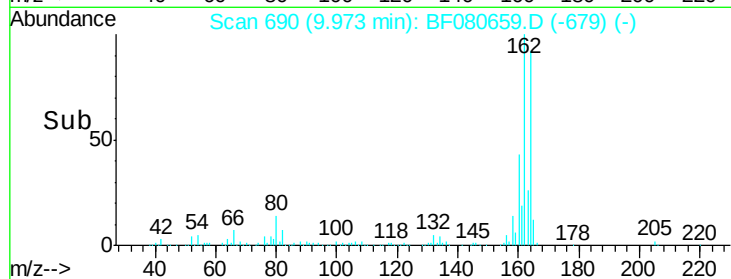
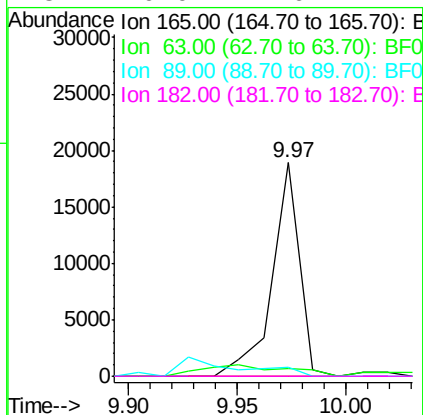
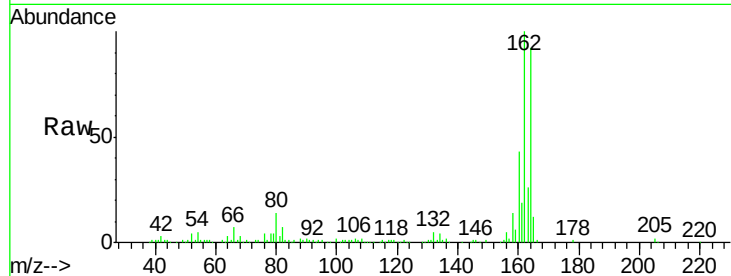




#56
 2,4-Dinitrotoluene
 Concen: 8.16 ng
 RT: 9.97 min Scan# 690
 Delta R.T. -0.17 min
 Lab File: BF080659.D
 Acq: 25 Jul 2015 9:23

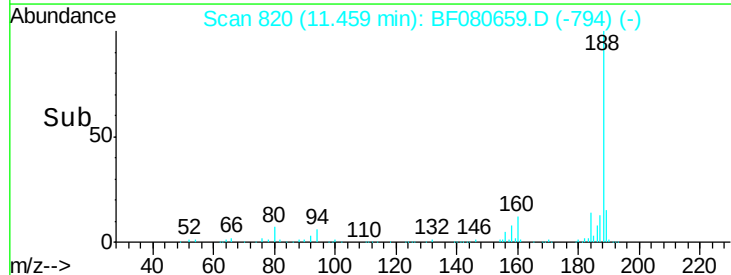
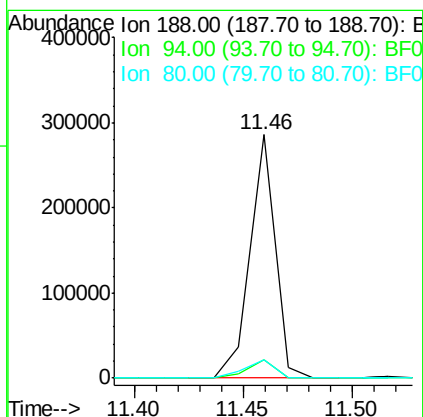
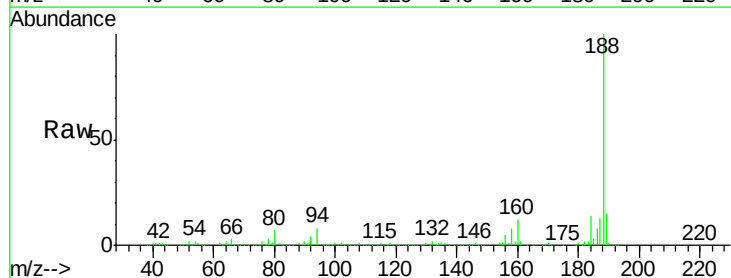
Instrument :
 BNA_F
 ClientSampleId :
 MW-8-7-22-15

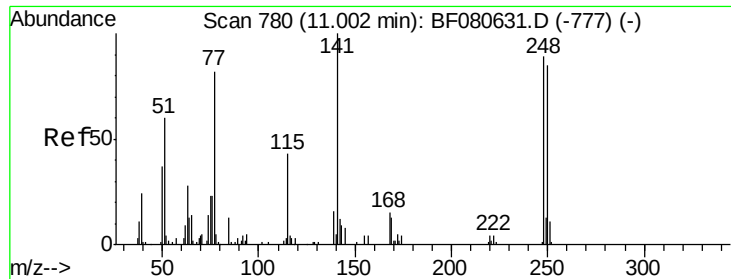
Tgt Ion:165 Resp: 16725
 Ion Ratio Lower Upper
 165 100
 63 3.5 63.0 94.4#
 89 4.3 90.2 135.2#
 182 0.0 1.6 2.4#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.46 min Scan# 820
 Delta R.T. -0.00 min
 Lab File: BF080659.D
 Acq: 25 Jul 2015 9:23

Tgt Ion:188 Resp: 230239
 Ion Ratio Lower Upper
 188 100
 94 7.7 5.6 8.4
 80 7.3 6.1 9.1

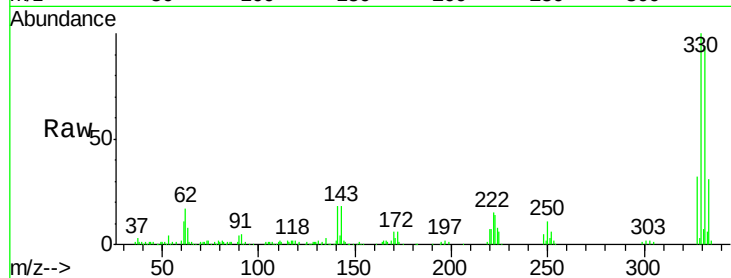




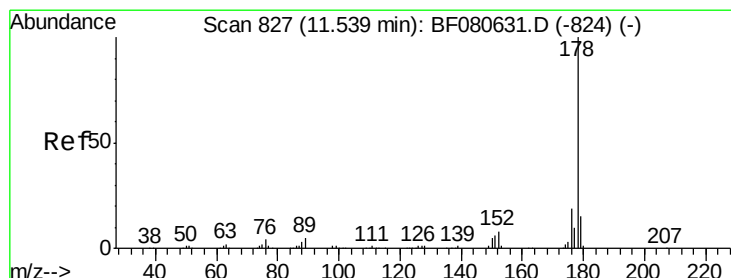
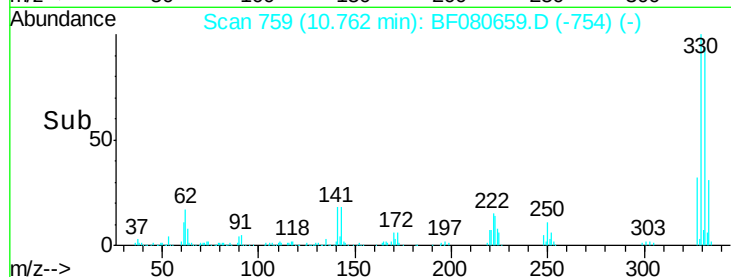
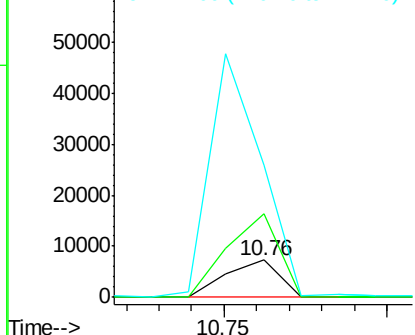
#66
4-Bromophenyl-phenylether
Concen: 3.79 ng
RT: 10.76 min Scan# 759
Delta R.T. -0.24 min
Lab File: BF080659.D
Acq: 25 Jul 2015 9:23

Instrument :
BNA_F
ClientSampleId :
MW-8-7-22-15

Tgt Ion:248 Resp: 8227
Ion Ratio Lower Upper
248 100
250 224.6 76.6 114.8#
141 356.3 90.0 135.0#

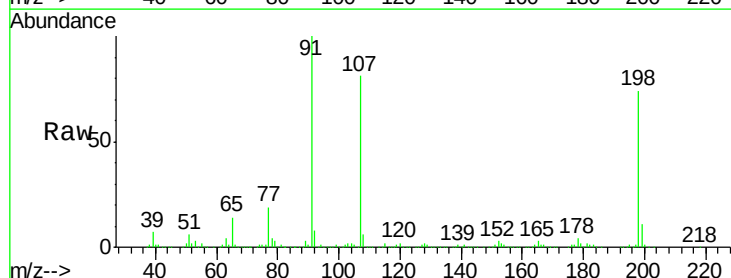


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

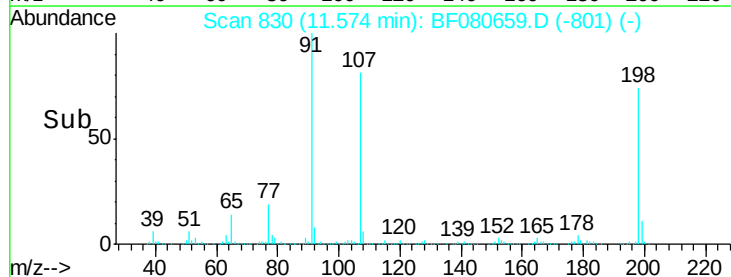
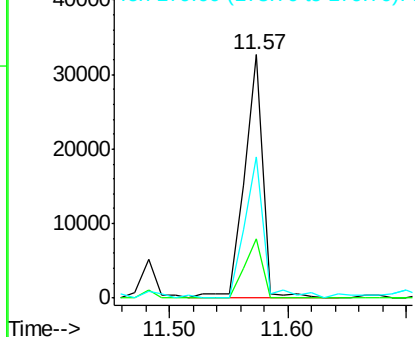


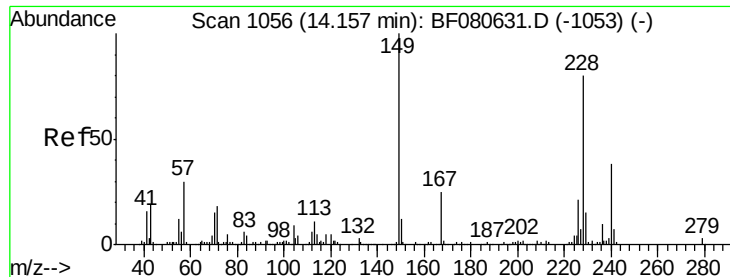
#71
Anthracene
Concen: 2.88 ng
RT: 11.57 min Scan# 830
Delta R.T. 0.03 min
Lab File: BF080659.D
Acq: 25 Jul 2015 9:23

Tgt Ion:178 Resp: 35284
Ion Ratio Lower Upper
178 100
176 24.5 15.0 22.6#
179 58.2 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





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.25 min Scan# 1064

Delta R.T. 0.09 min

Lab File: BF080659.D

Acq: 25 Jul 2015 9:23

Instrument :

BNA_F

ClientSampleId :

MW-8-7-22-15

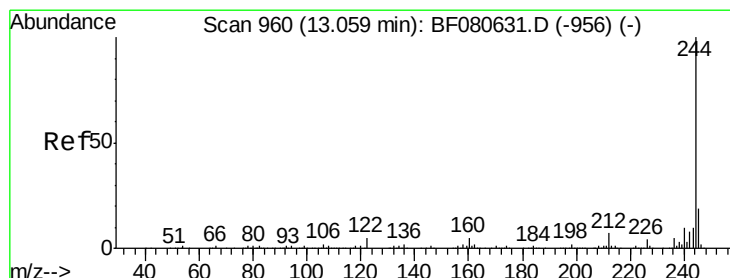
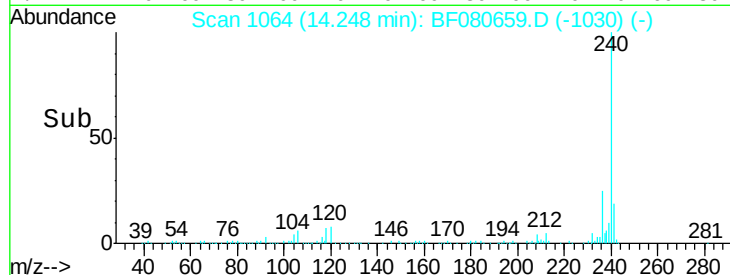
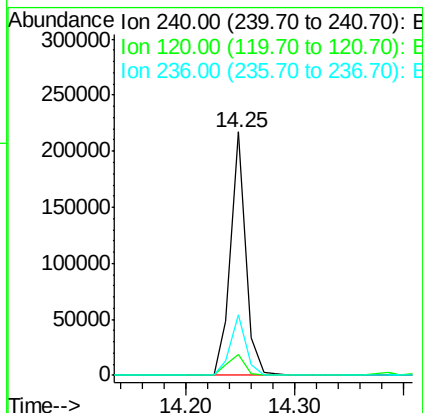
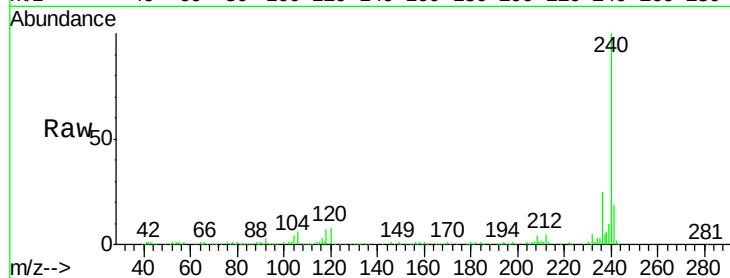
Tgt Ion:240 Resp: 210250

Ion Ratio Lower Upper

240 100

120 8.4 10.8 16.2#

236 25.1 20.3 30.5



#78

Terphenyl-d14

Concen: 70.08 ng

RT: 13.08 min Scan# 962

Delta R.T. 0.02 min

Lab File: BF080659.D

Acq: 25 Jul 2015 9:23

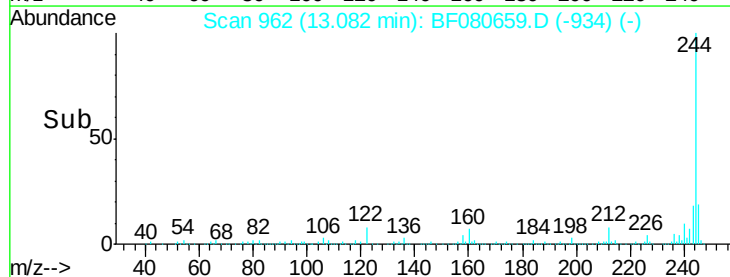
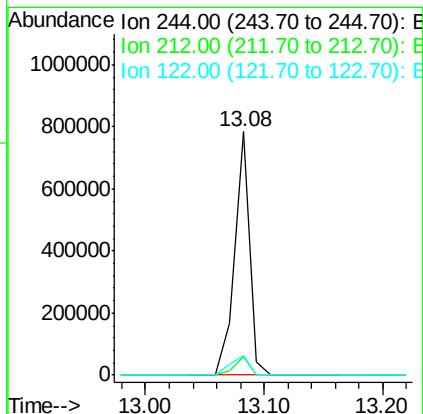
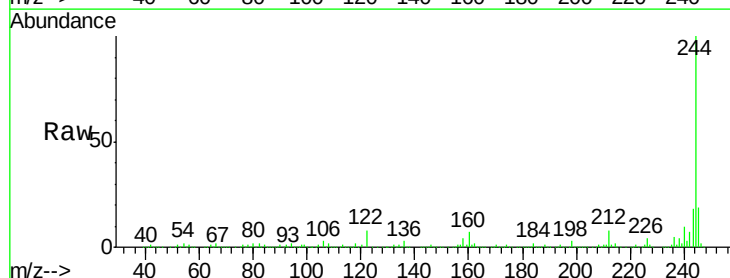
Tgt Ion:244 Resp: 684330

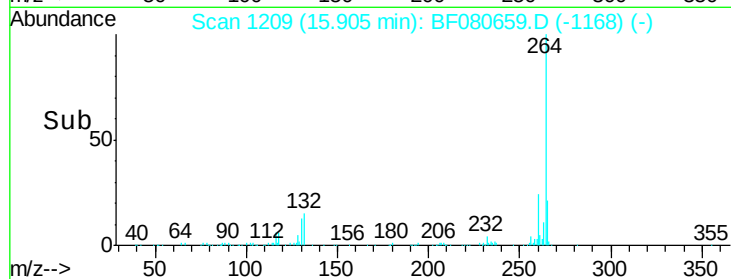
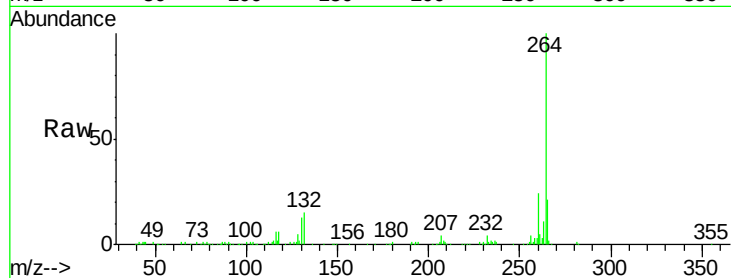
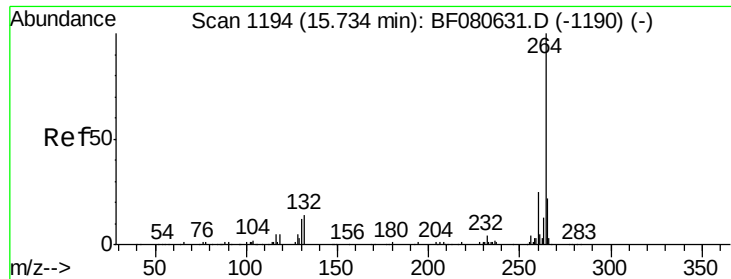
Ion Ratio Lower Upper

244 100

212 7.5 5.2 7.8

122 8.3 4.1 6.1#





#86

Perylene-d12

Concen: 20.00 ng

RT: 15.91 min Scan# 1209

Delta R.T. 0.17 min

Lab File: BF080659.D

Acq: 25 Jul 2015 9:23

Instrument :

BNA_F

ClientSampleId :

MW-8-7-22-15

Tgt Ion: 264 Resp: 186933

Ion Ratio Lower Upper

264 100

260 23.8 20.1 30.1

265 21.0 17.4 26.0

