

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060416\
 Data File : BF087698.D
 Acq On : 5 Jun 2016 9:41
 Operator : UM/SJ
 Sample : H3345-03
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-11C

Quant Time: Jun 06 01:18:39 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jun 04 11:07:28 2016
 Response via : Initial Calibration

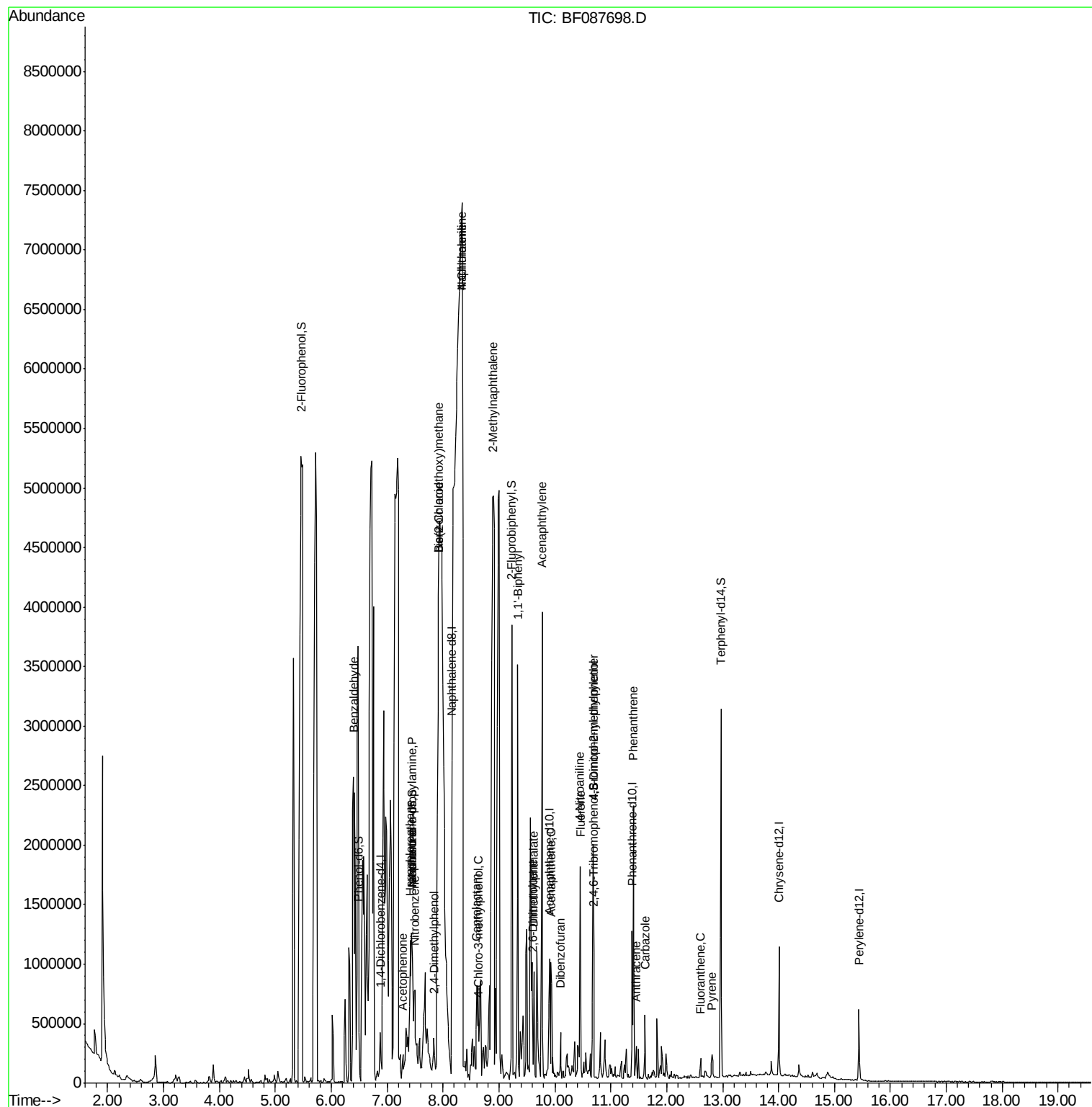
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	127520	20.00	ng	0.01
21) Naphthalene-d8	8.16	136	48671	20.00	ng	0.01
38) Acenaphthene-d10	9.91	164	235968	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	434437	20.00	ng	0.00
75) Chrysene-d12	14.01	240	342178	20.00	ng	-0.01
86) Perylene-d12	15.44	264	263697	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	151865	19.25	ng	0.01
7) Phenol-d6	6.49	99	332654	33.62	ng	0.00
23) Nitrobenzene-d5	7.44	82	863560	1026.54	ng	0.01
41) 2,4,6-Tribromophenol	10.70	330	337114	142.32	ng	0.01
44) 2-Fluorobiphenyl	9.23	172	1213533	76.44	ng	0.00
78) Terphenyl-d14	12.97	244	1118389	79.75	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.40	77	215715	32.25	ng	# 1
18) Hexachloroethane	7.42	117	238294	69.87	ng	# 1
19) n-Nitroso-di-n-propylamine	7.44	70	112602	18.22	ng	# 78
22) Acetophenone	7.28	105	122472	111.10	ng	# 82
24) Nitrobenzene	7.50	77	32145	38.18	ng	# 3
25) Isophorone	7.44	82	665397	434.47	ng	# 65
27) 2,4-Dimethylphenol	7.84	122	4469	5.51	ng	# 82
28) bis(2-Chloroethoxy)methane	7.92	93	5642	5.81	ng	# 46
31) Naphthalene	8.34	128	29361578	12407.55	ng	# 91
32) Benzoic acid	7.92	122	17300	35.37	ng	# 1
33) 4-Chloroaniline	8.34	127	4927309	4793.29	ng	# 40
35) Caprolactam	8.60	113	5308	24.27	ng	# 5
36) 4-Chloro-3-methylphenol	8.64	107	1776	2.58	ng	# 1
37) 2-Methylnaphthalene	8.89	142	4629431	2962.44	ng	# 92
45) 1,1'-Biphenyl	9.34	154	1208735	63.12	ng	96
48) Acenaphthylene	9.77	152	1545718	65.02	ng	96
49) Dimethylphthalate	9.62	163	162934	9.50	ng	99
50) 2,6-Dinitrotoluene	9.60	165	14642	3.75	ng	# 75
51) Acenaphthene	9.93	154	280745	18.35	ng	99
54) Dibenzofuran	10.10	168	96187	4.62	ng	# 88
57) Fluorene	10.46	166	838703	51.52	ng	97
61) 4-Nitroaniline	10.44	138	8963	2.09	ng	# 31
64) 4,6-Dinitro-2-methylphenol	10.68	198	439	2.19	ng	# 1
66) 4-Bromophenyl-phenylether	10.68	248	19162	4.45	ng	# 1
70) Phenanthrene	11.41	178	1028068	43.65	ng	100
71) Anthracene	11.45	178	137848	5.84	ng	98
72) Carbazole	11.61	167	215922	9.66	ng	98
74) Fluoranthene	12.61	202	70179	3.03	ng	94
77) Pyrene	12.81	202	86244	3.54	ng	99

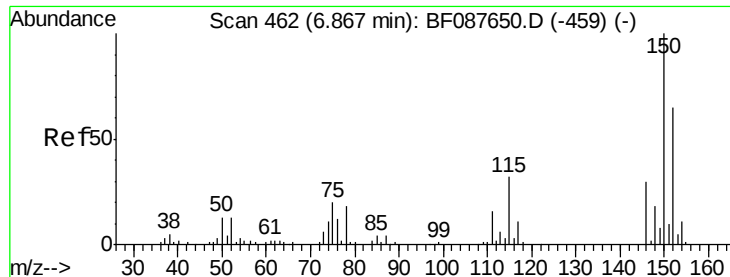
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.88 min Scan# 463

Delta R.T. 0.01 min

Lab File: BF087698.D

Acq: 5 Jun 2016 9:41

Instrument :

BNA_F

ClientSampleId :

MW-11C

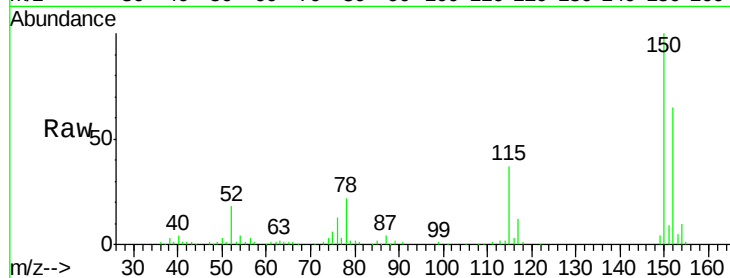
Tgt Ion:152 Resp: 127520

Ion Ratio Lower Upper

152 100

150 154.2 123.8 185.6

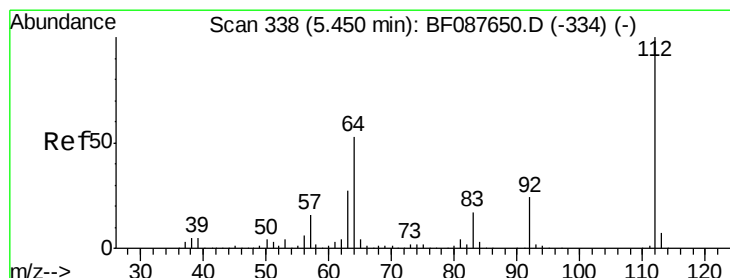
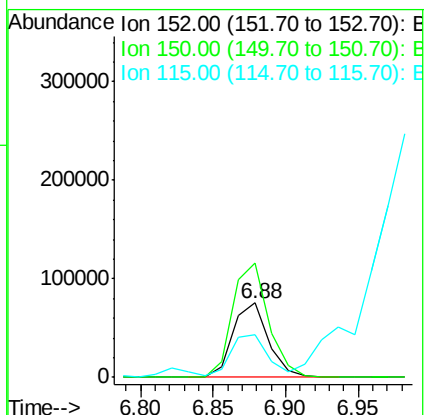
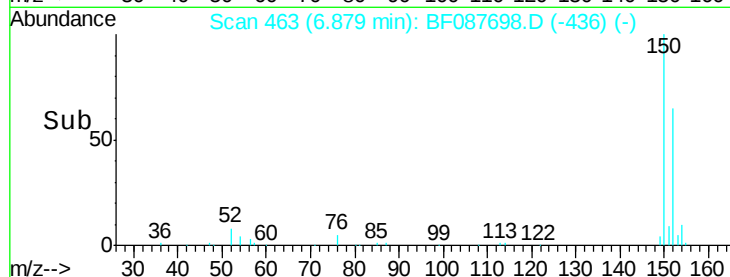
115 56.5 39.6 59.4



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: 19.25 ng

RT: 5.46 min Scan# 339

Delta R.T. 0.01 min

Lab File: BF087698.D

Acq: 5 Jun 2016 9:41

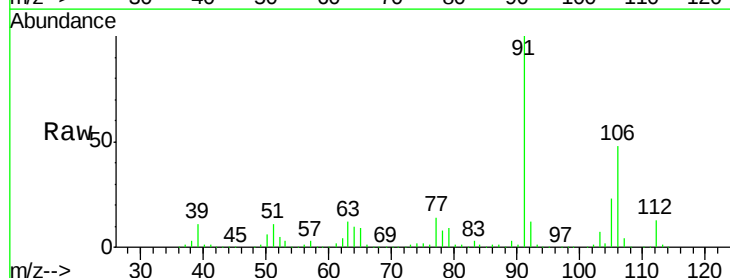
Tgt Ion:112 Resp: 151865

Ion Ratio Lower Upper

112 100

64 75.7 42.2 63.2#

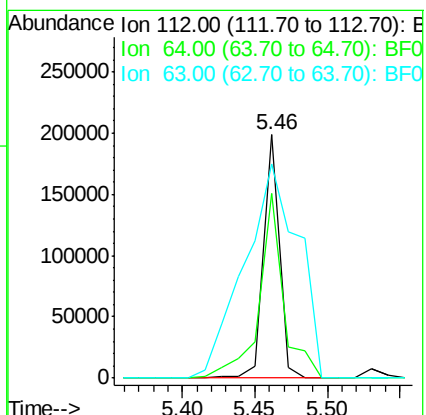
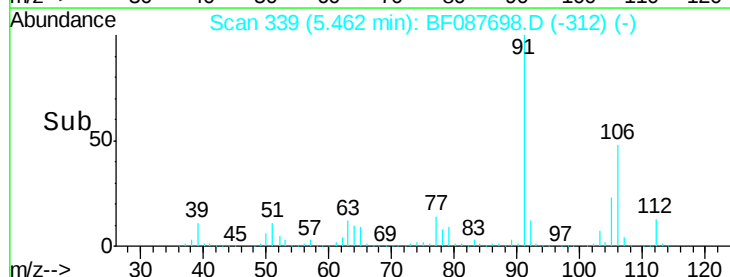
63 88.2 21.8 32.8#

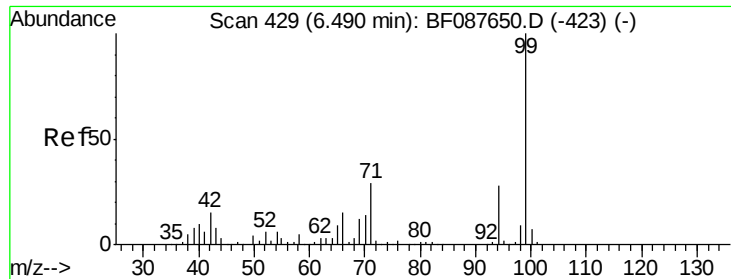


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 33.62 ng

RT: 6.49 min Scan# 429

Delta R.T. -0.00 min

Lab File: BF087698.D

Acq: 5 Jun 2016 9:41

Instrument :

BNA_F

ClientSampleId :

MW-11C

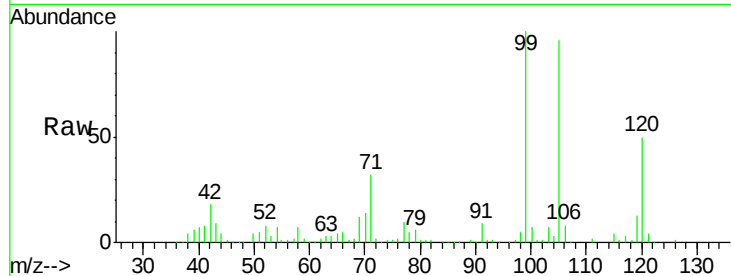
Tgt Ion: 99 Resp: 332654

Ion Ratio Lower Upper

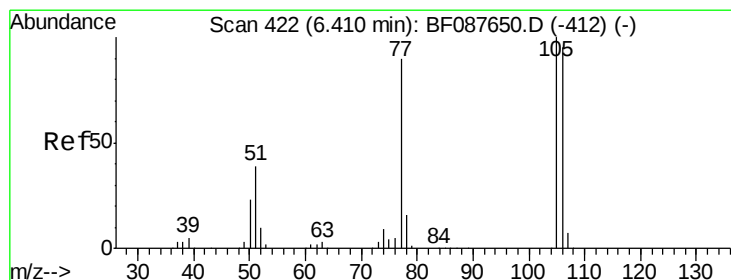
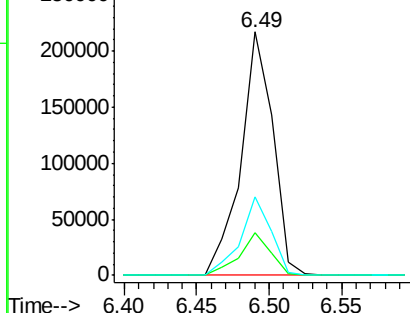
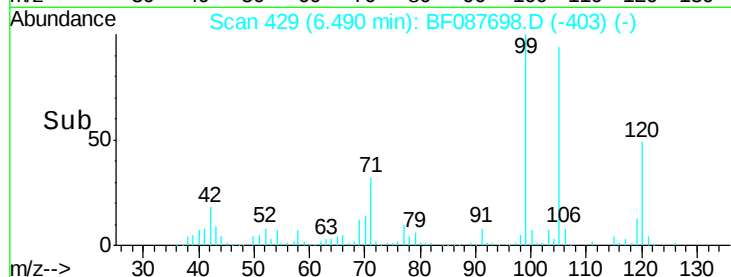
99 100

42 17.6 12.2 18.2

71 32.2 23.4 35.0



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: 32.25 ng

RT: 6.40 min Scan# 421

Delta R.T. -0.01 min

Lab File: BF087698.D

Acq: 5 Jun 2016 9:41

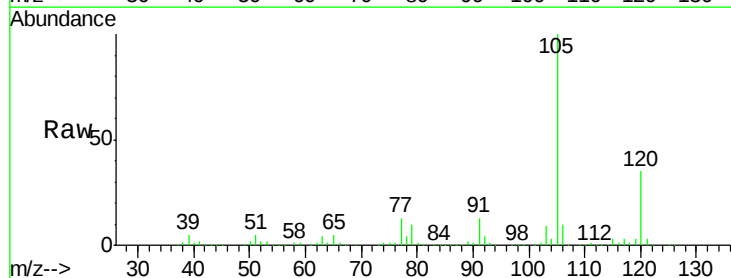
Tgt Ion: 77 Resp: 215715

Ion Ratio Lower Upper

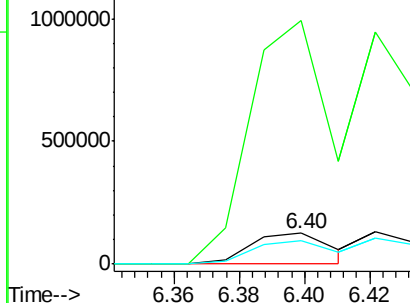
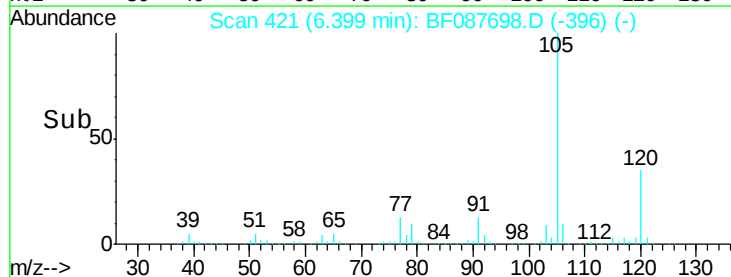
77 100

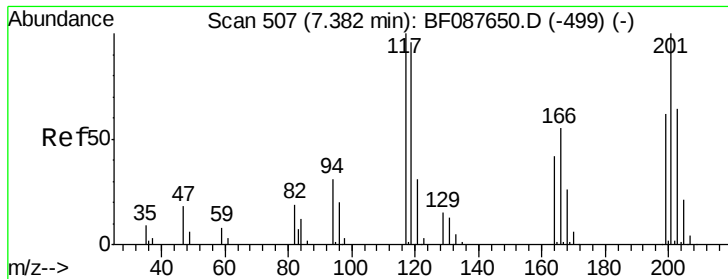
105 795.7 90.6 130.6#

106 76.1 85.3 125.3#



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

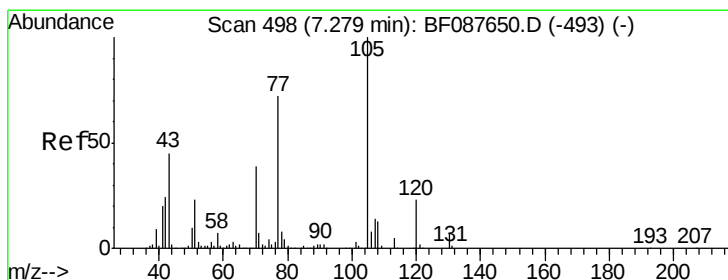
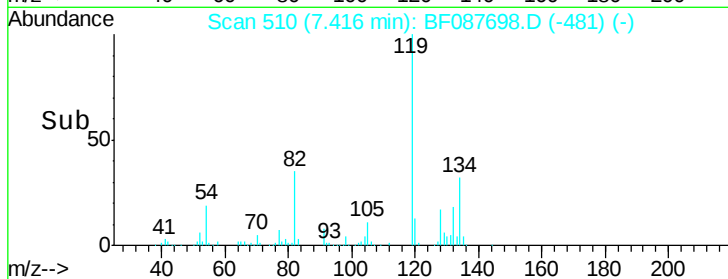
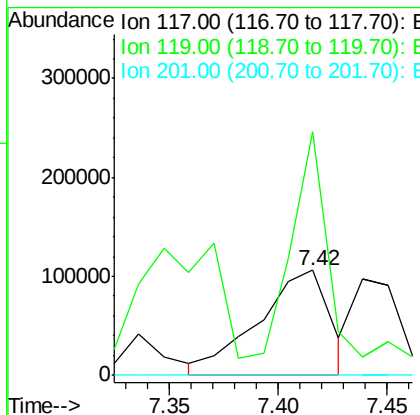
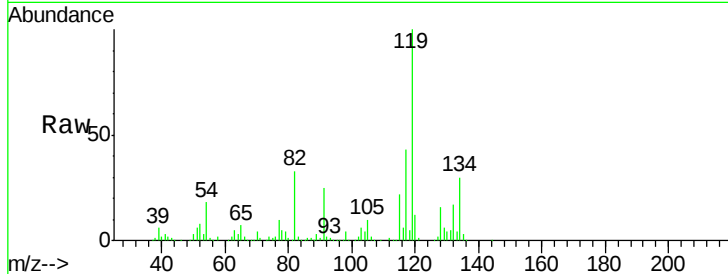




#18
Hexachloroethane
Concen: 69.87 ng
RT: 7.42 min Scan# 510
Delta R.T. 0.03 min
Lab File: BF087698.D
Acq: 5 Jun 2016 9:41

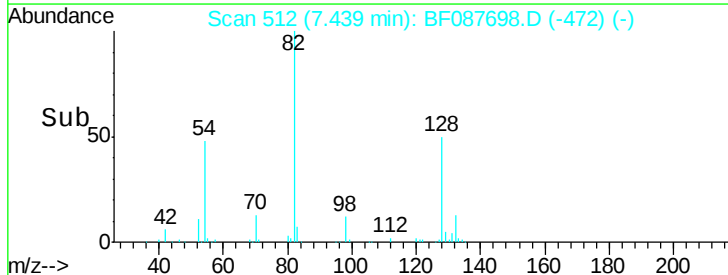
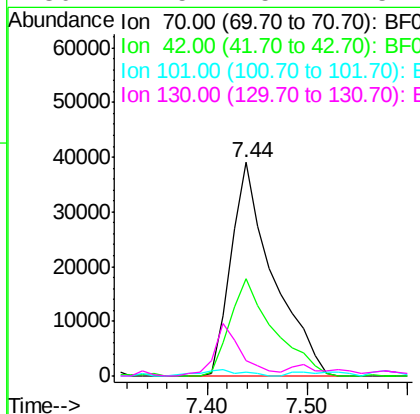
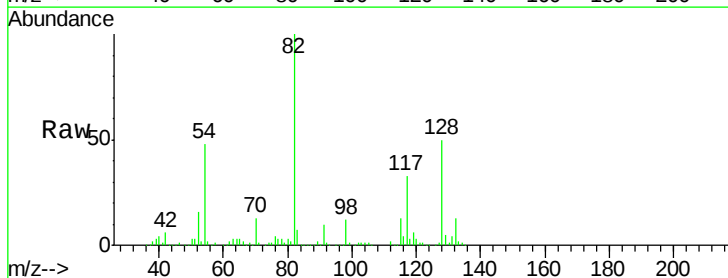
Instrument :
BNA_F
ClientSampled :
MW-11C

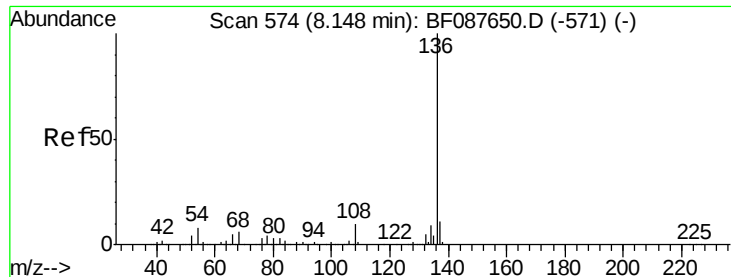
Tgt Ion: 117 Resp: 238294
Ion Ratio Lower Upper
117 100
119 231.6 77.4 116.2#
201 0.0 80.4 120.6#



#19
n-Nitroso-di-n-propylamine
Concen: 18.22 ng
RT: 7.44 min Scan# 512
Delta R.T. 0.16 min
Lab File: BF087698.D
Acq: 5 Jun 2016 9:41

Tgt Ion: 70 Resp: 112602
Ion Ratio Lower Upper
70 100
42 45.7 49.6 74.4#
101 1.5 7.1 10.7#
130 7.5 15.4 23.2#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.16 min Scan# 575

Delta R.T. 0.01 min

Lab File: BF087698.D

Acq: 5 Jun 2016 9:41

Instrument :

BNA_F

ClientSampleId :

MW-11C

Tgt Ion:136 Resp: 48671

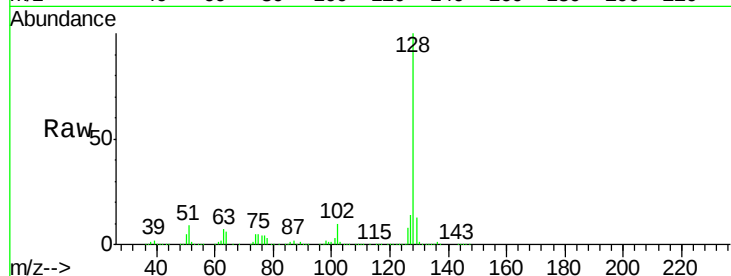
Ion Ratio Lower Upper

136 100

137 11.8 9.1 13.7

54 9.1 6.6 10.0

68 6.0 5.1 7.7

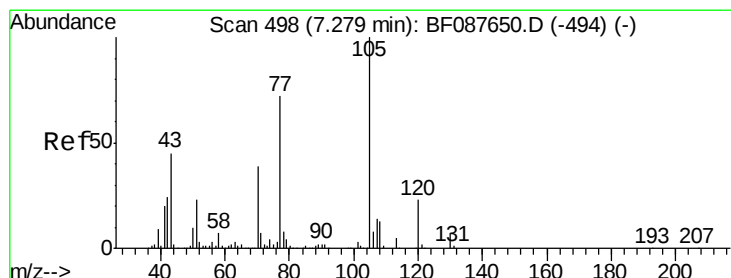
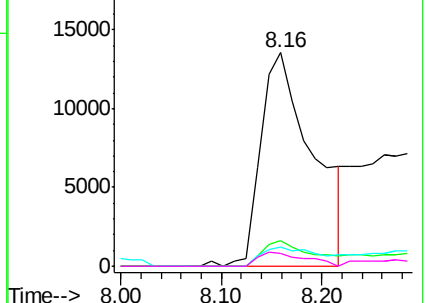
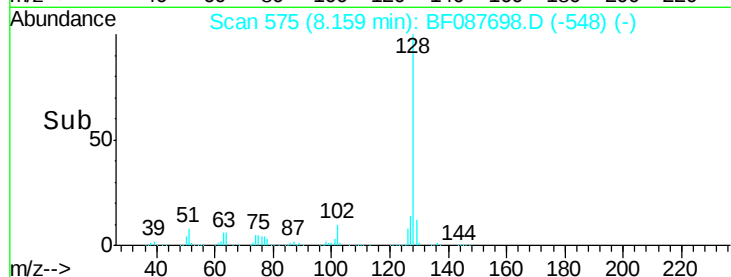


Abundance Ion 136.00 (135.70 to 136.70): E

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



#22

Acetophenone

Concen: 111.10 ng

RT: 7.28 min Scan# 498

Delta R.T. -0.00 min

Lab File: BF087698.D

Acq: 5 Jun 2016 9:41

Tgt Ion:105 Resp: 122472

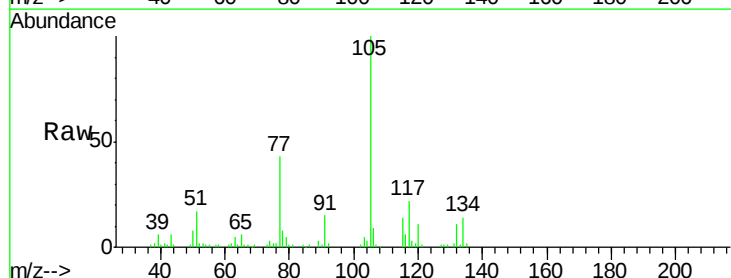
Ion Ratio Lower Upper

105 100

71 0.0 5.3 7.9#

51 17.3 18.2 27.4#

120 11.1 18.0 27.0#

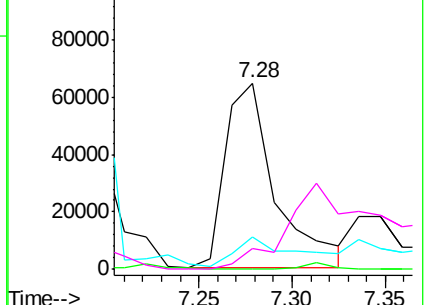
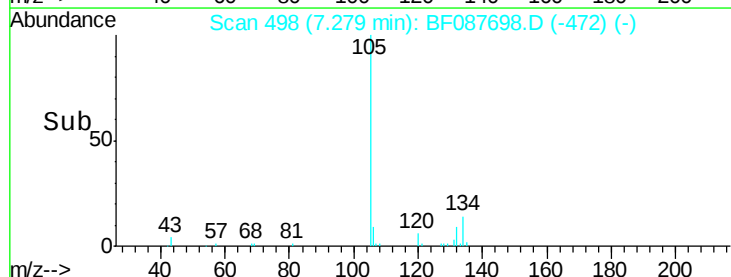


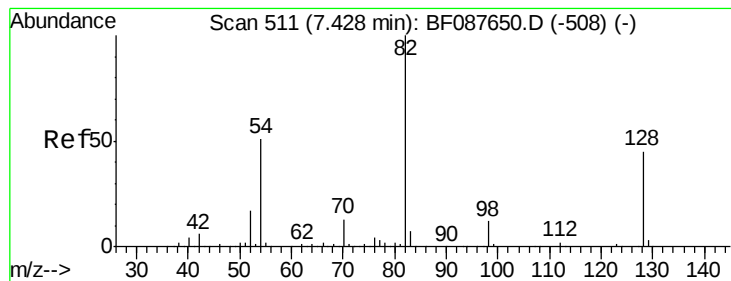
Abundance Ion 105.00 (104.70 to 105.70): E

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: 1026.54 ng

RT: 7.44 min Scan# 512

Delta R.T. 0.01 min

Lab File: BF087698.D

Acq: 5 Jun 2016 9:41

Instrument :

BNA_F

ClientSampleID :

MW-11C

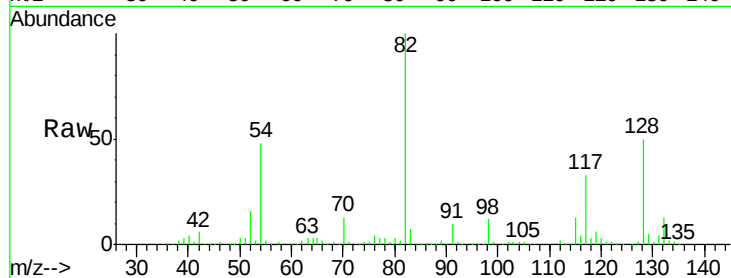
Tgt Ion: 82 Resp: 863560

Ion Ratio Lower Upper

82 100

128 49.8 35.9 53.9

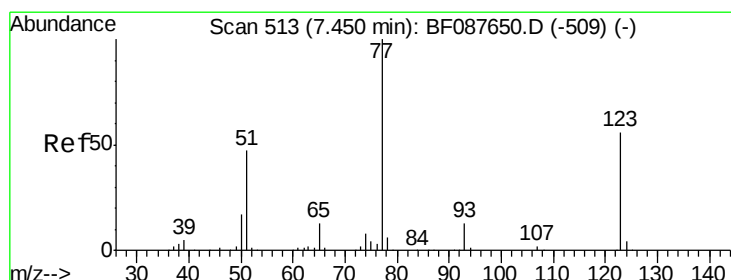
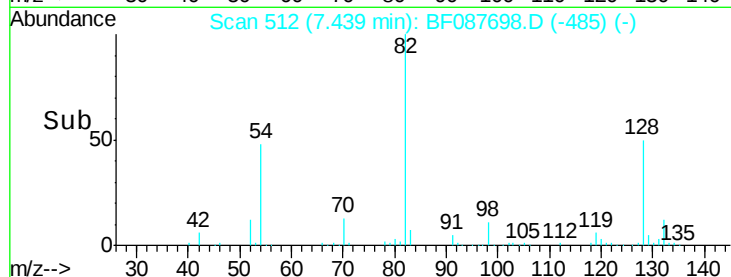
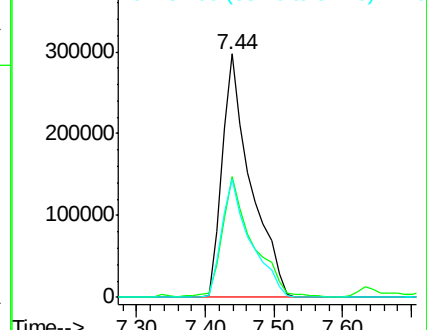
54 48.5 40.9 61.3



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



#24

Nitrobenzene

Concen: 38.18 ng

RT: 7.50 min Scan# 517

Delta R.T. 0.05 min

Lab File: BF087698.D

Acq: 5 Jun 2016 9:41

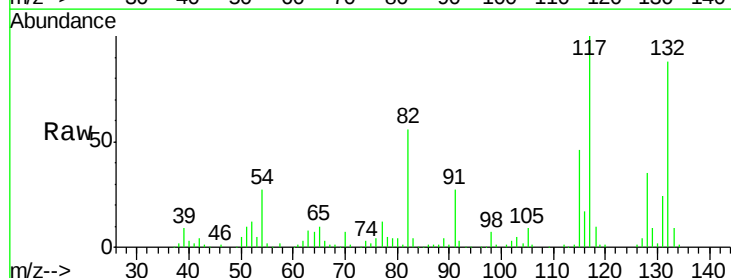
Tgt Ion: 77 Resp: 32145

Ion Ratio Lower Upper

77 100

123 0.0 45.0 67.4#

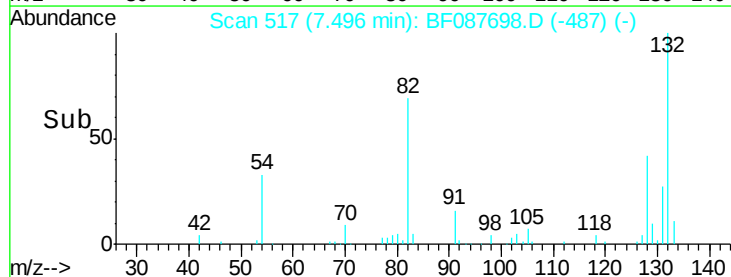
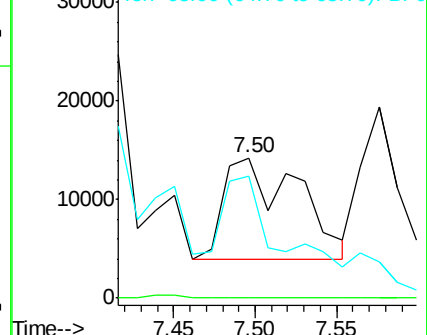
65 87.2 10.2 15.2#

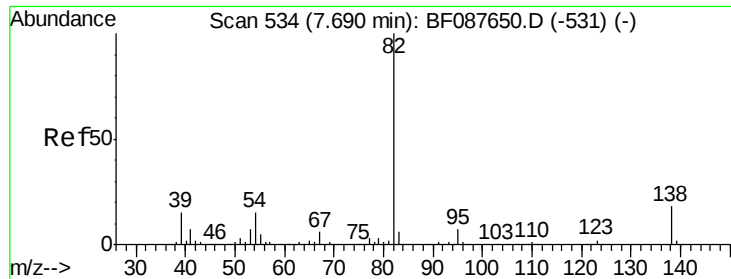


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 434.47 ng

RT: 7.44 min Scan# 512

Delta R.T. -0.25 min

Lab File: BF087698.D

Acq: 5 Jun 2016 9:41

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ClientSampleId :

MW-11C

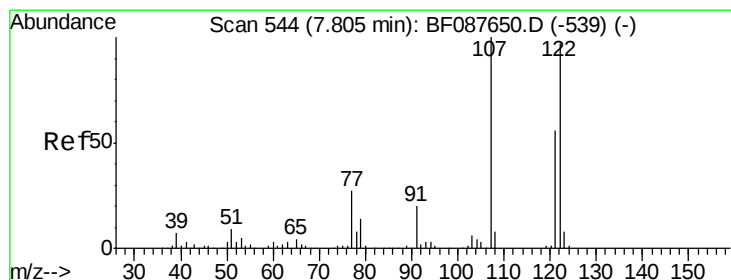
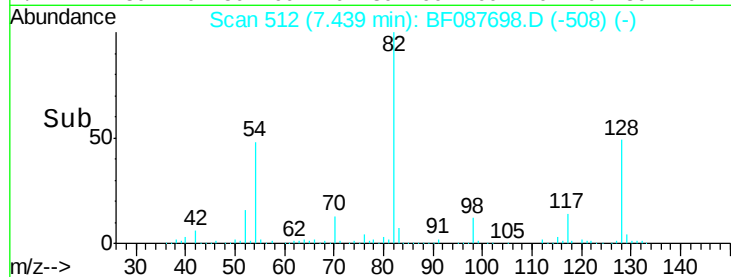
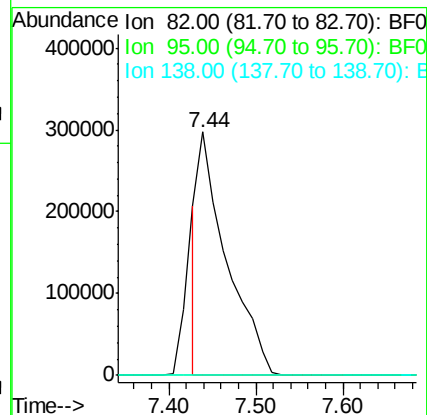
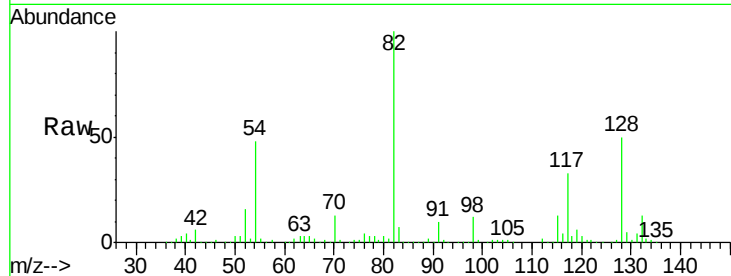
Tgt Ion: 82 Resp: 665397

Ion Ratio Lower Upper

82 100

95 0.1 5.4 8.2#

138 0.0 14.6 21.8#



#27

2,4-Dimethylphenol

Concen: 5.51 ng

RT: 7.84 min Scan# 547

Delta R.T. 0.03 min

Lab File: BF087698.D

Acq: 5 Jun 2016 9:41

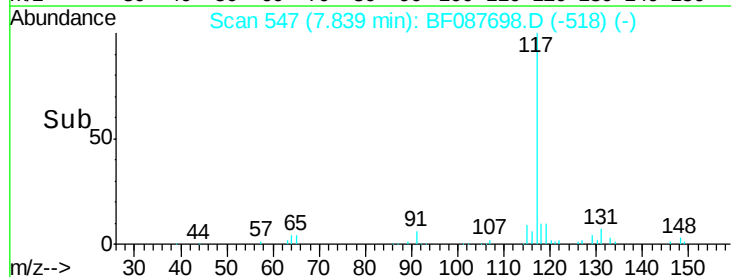
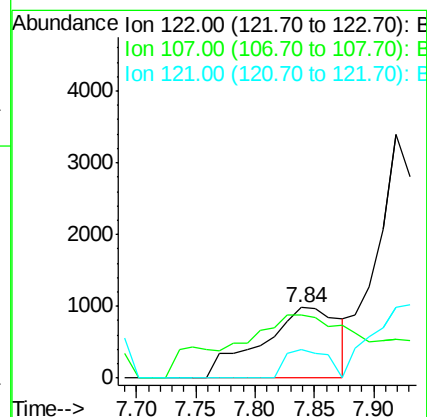
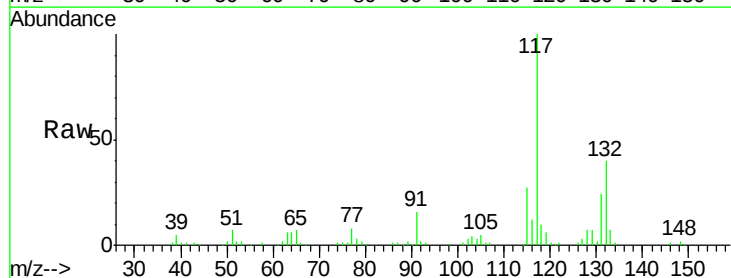
Tgt Ion: 122 Resp: 4469

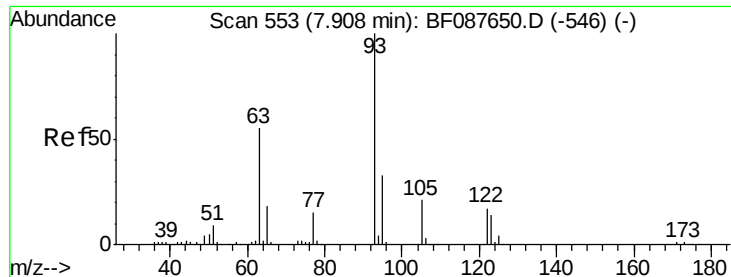
Ion Ratio Lower Upper

122 100

107 88.4 82.4 123.6

121 39.6 46.3 69.5#

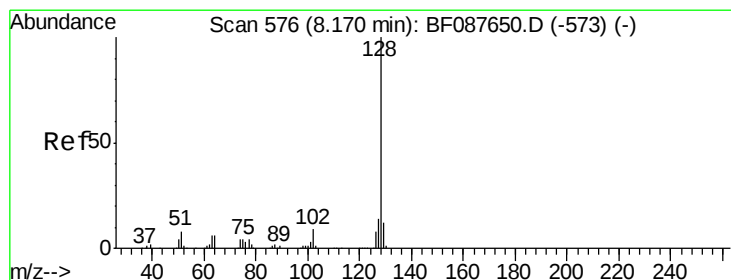
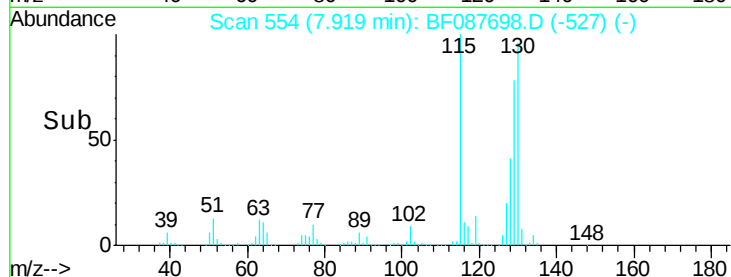
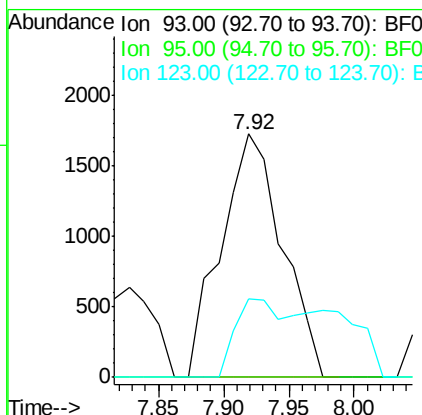
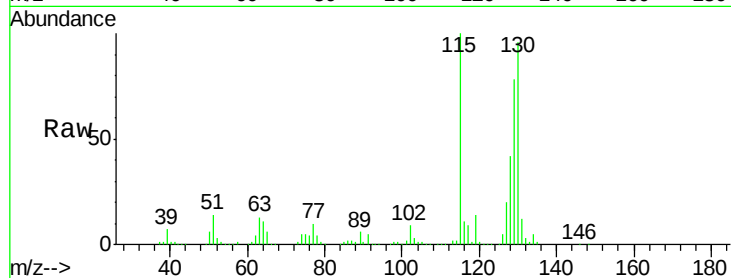




#28
bis(2-Chloroethoxy)methane
Concen: 5.81 ng
RT: 7.92 min Scan# 554
Delta R.T. 0.01 min
Lab File: BF087698.D
Acq: 5 Jun 2016 9:41

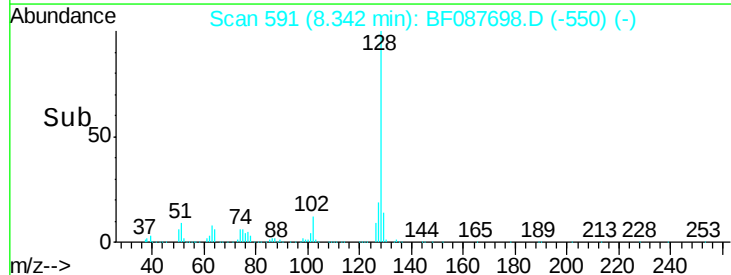
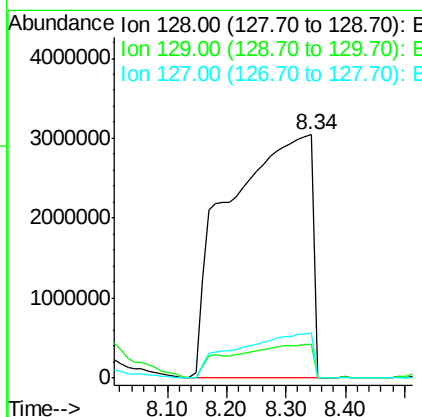
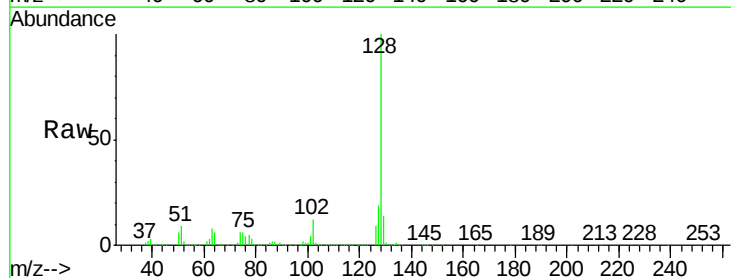
Instrument :
BNA_F
ClientSampleId :
MW-11C

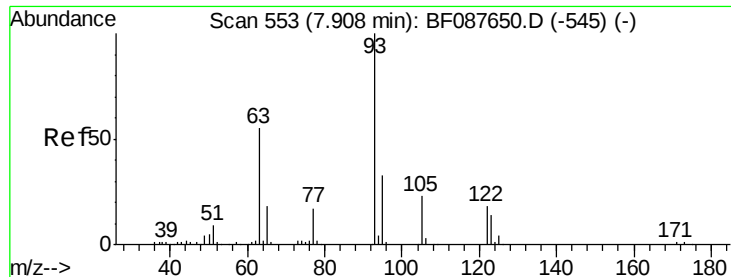
Tgt Ion: 93 Resp: 5642
Ion Ratio Lower Upper
93 100
95 0.0 26.5 39.7#
123 32.5 11.6 17.4#



#31
Naphthalene
Concen: 12407.55 ng
RT: 8.34 min Scan# 591
Delta R.T. 0.17 min
Lab File: BF087698.D
Acq: 5 Jun 2016 9:41

Tgt Ion: 128 Resp: 29361578
Ion Ratio Lower Upper
128 100
129 13.9 9.4 14.2
127 18.6 10.9 16.3#





#32

Benzoic acid

Concen: 35.37 ng

RT: 7.92 min Scan# 554

Delta R.T. 0.01 min

Lab File: BF087698.D

Acq: 5 Jun 2016 9:41

Instrument :

BNA_F

ClientSampled :

MW-11C

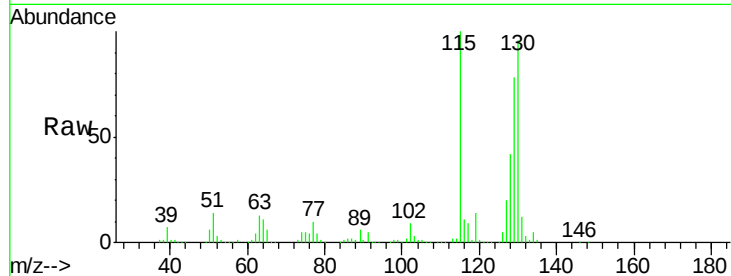
Tgt Ion:122 Resp: 17300

Ion Ratio Lower Upper

122 100

105 289.1 101.6 141.6#

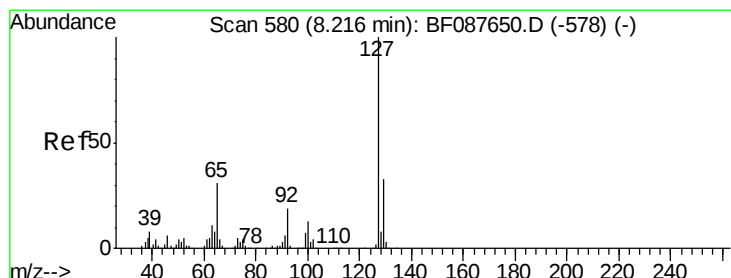
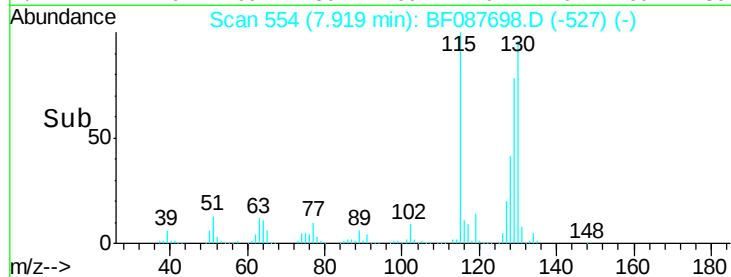
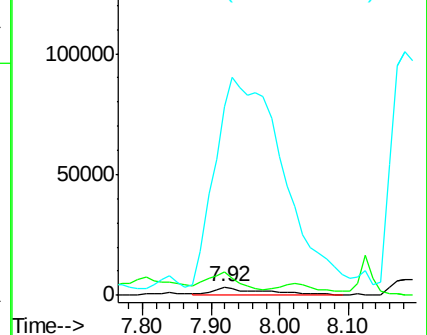
77 2303.3 70.6 110.6#



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: 4793.29 ng

RT: 8.34 min Scan# 591

Delta R.T. 0.13 min

Lab File: BF087698.D

Acq: 5 Jun 2016 9:41

Tgt Ion:127 Resp: 4927309

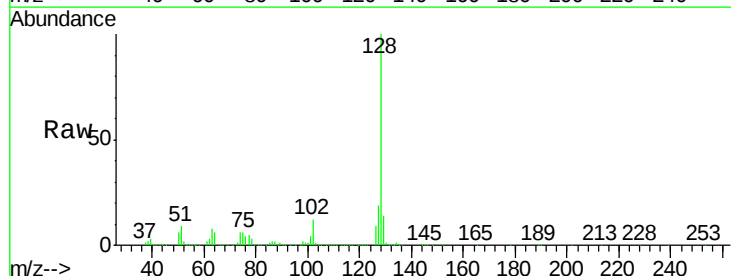
Ion Ratio Lower Upper

127 100

129 74.6 26.3 39.5#

65 0.0 24.7 37.1#

92 0.0 15.4 23.0#

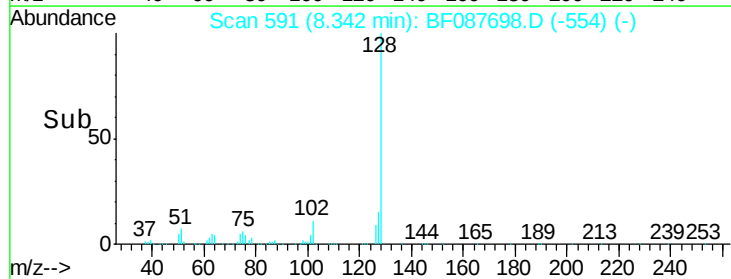
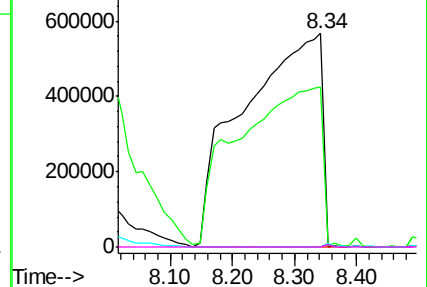


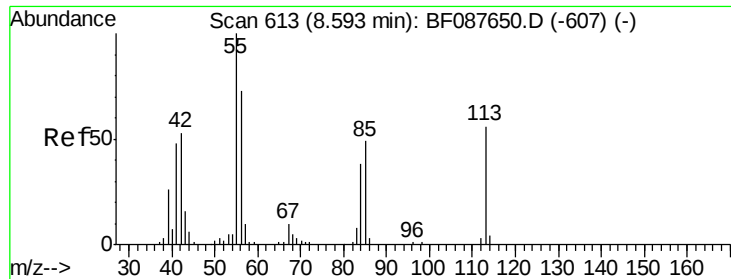
Abundance Ion 127.00 (126.70 to 127.70): E

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: 24.27 ng

RT: 8.60 min Scan# 614

Delta R.T. 0.01 min

Lab File: BF087698.D

Acq: 5 Jun 2016 9:41

Instrument :

BNA_F

ClientSampleId :

MW-11C

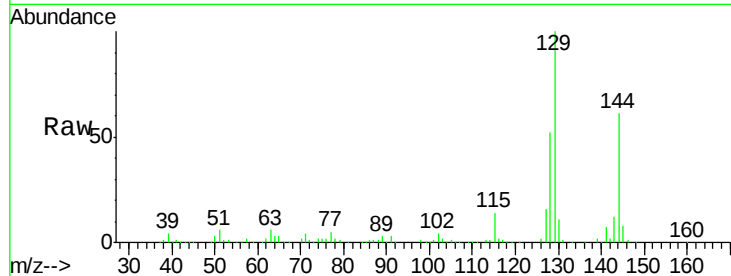
Tgt Ion:113 Resp: 5308

Ion Ratio Lower Upper

113 100

55 44.2 158.6 198.6#

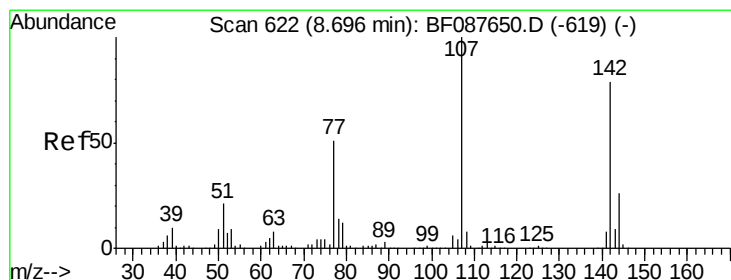
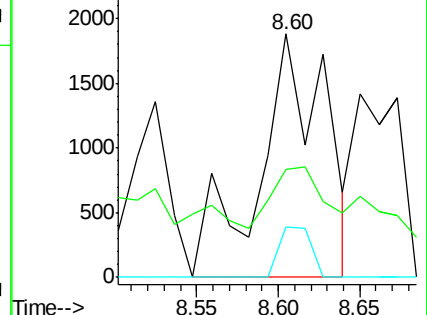
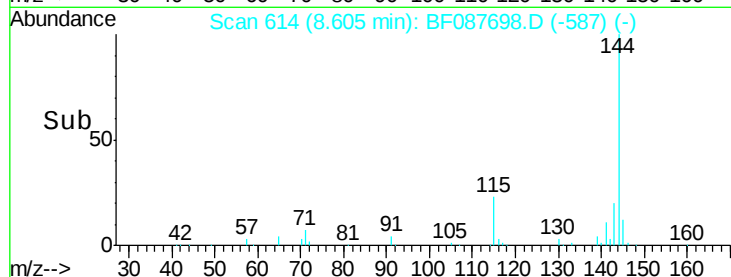
56 20.8 110.6 150.6#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 2.58 ng

RT: 8.64 min Scan# 617

Delta R.T. -0.06 min

Lab File: BF087698.D

Acq: 5 Jun 2016 9:41

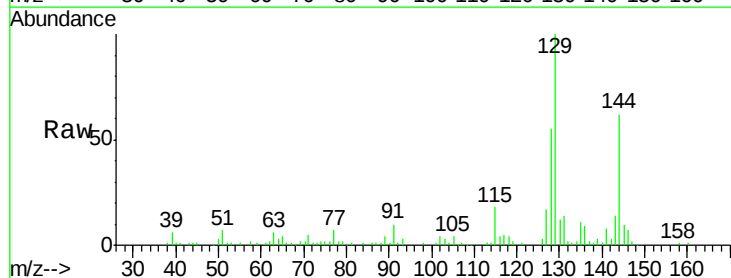
Tgt Ion:107 Resp: 1776

Ion Ratio Lower Upper

107 100

144 4566.2 20.8 31.2#

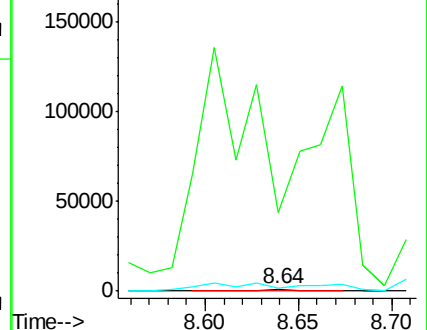
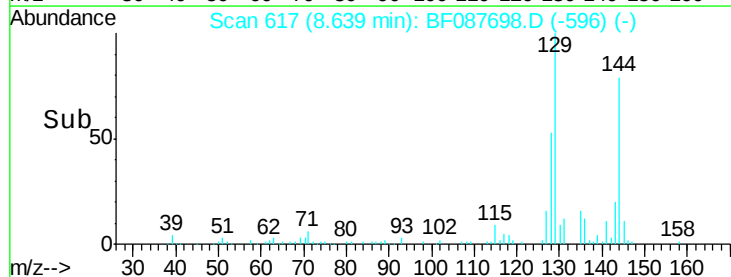
142 194.2 63.4 95.2#

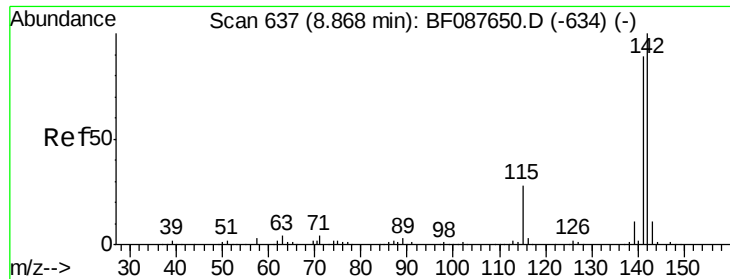


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

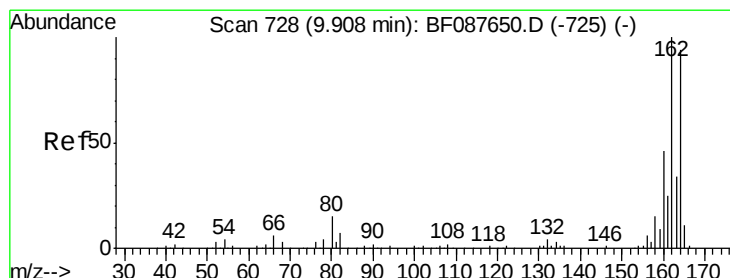
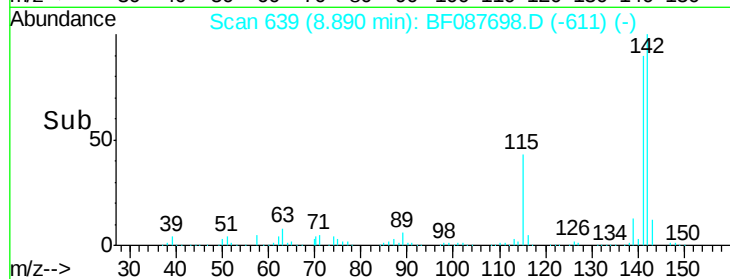
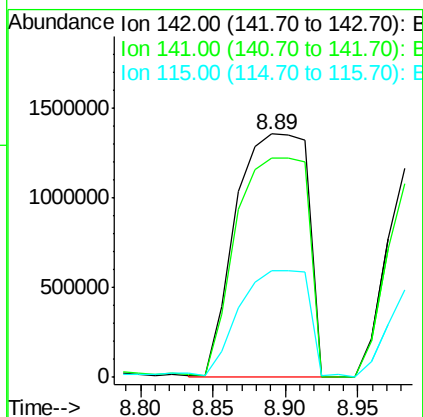
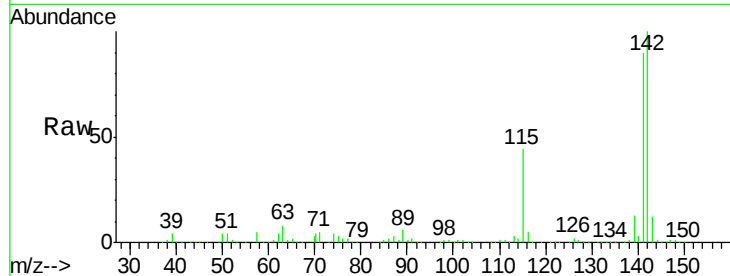




#37
 2-Methylnaphthalene
 Concen: 2962.44 ng
 RT: 8.89 min Scan# 639
 Delta R.T. 0.02 min
 Lab File: BF087698.D
 Acq: 5 Jun 2016 9:41

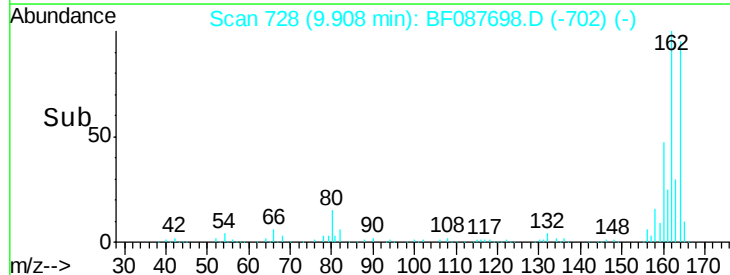
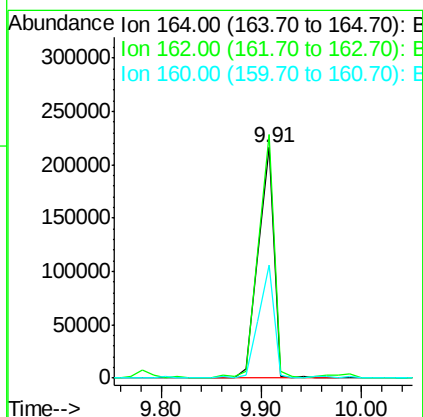
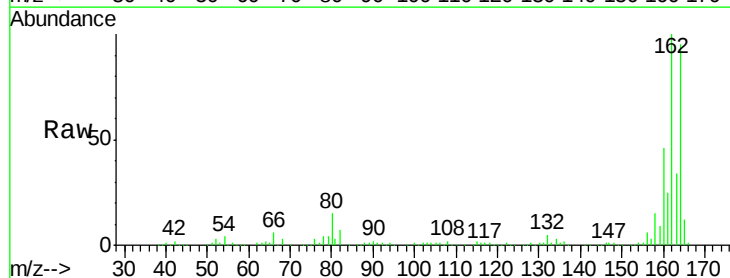
Instrument :
 BNA_F
 ClientSampleId :
 MW-11C

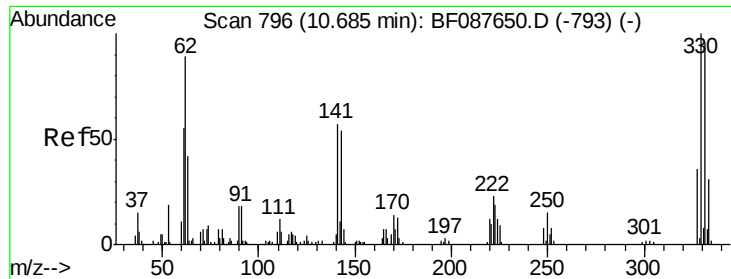
Tgt Ion:142 Resp: 4629431
 Ion Ratio Lower Upper
 142 100
 141 89.9 71.0 106.6
 115 43.7 22.6 33.8#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.91 min Scan# 728
 Delta R.T. -0.00 min
 Lab File: BF087698.D
 Acq: 5 Jun 2016 9:41

Tgt Ion:164 Resp: 235968
 Ion Ratio Lower Upper
 164 100
 162 105.5 85.4 128.2
 160 49.0 39.5 59.3

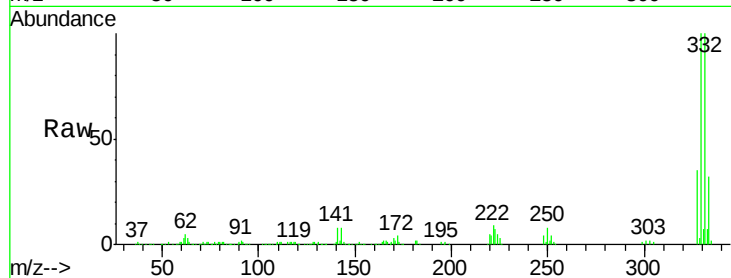




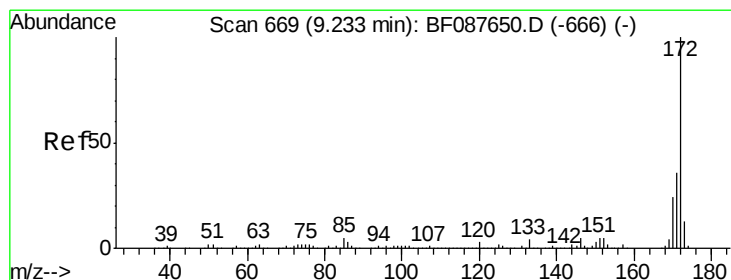
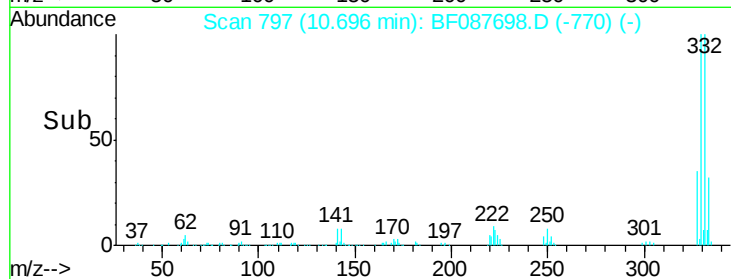
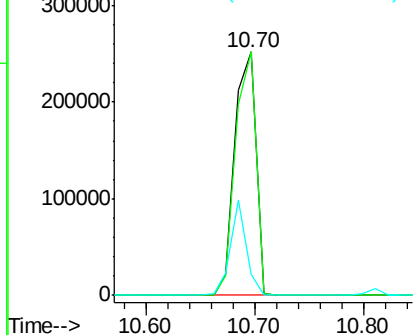
#41
 2,4,6-Tribromophenol
 Concen: 142.32 ng
 RT: 10.70 min Scan# 797
 Delta R.T. 0.01 min
 Lab File: BF087698.D
 Acq: 5 Jun 2016 9:41

Instrument :
 BNA_F
 ClientSampleId :
 MW-11C

Tgt Ion: 330 Resp: 337114
 Ion Ratio Lower Upper
 330 100
 332 97.1 0.0 0.0#
 141 29.4 0.0 0.0#

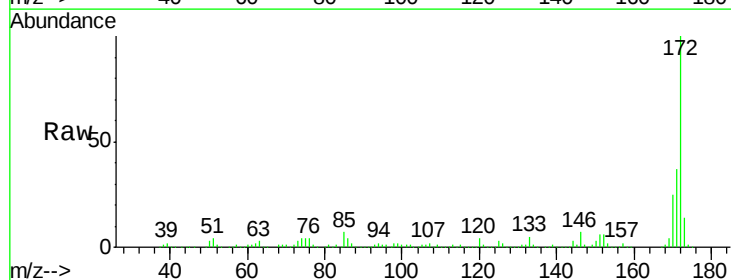


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

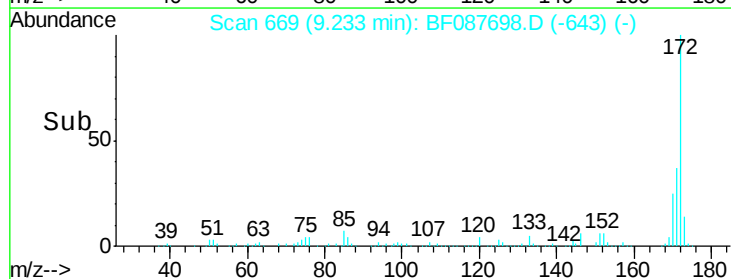
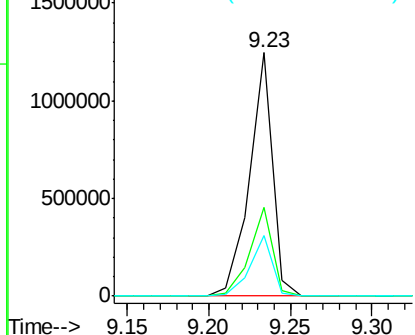


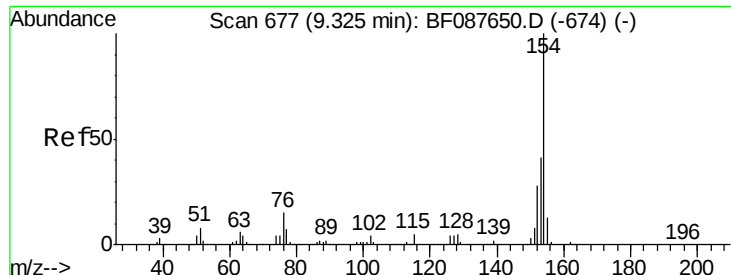
#44
 2-Fluorobiphenyl
 Concen: 76.44 ng
 RT: 9.23 min Scan# 669
 Delta R.T. 0.00 min
 Lab File: BF087698.D
 Acq: 5 Jun 2016 9:41

Tgt Ion: 172 Resp: 1213533
 Ion Ratio Lower Upper
 172 100
 171 36.7 28.6 43.0
 170 24.8 19.2 28.8



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

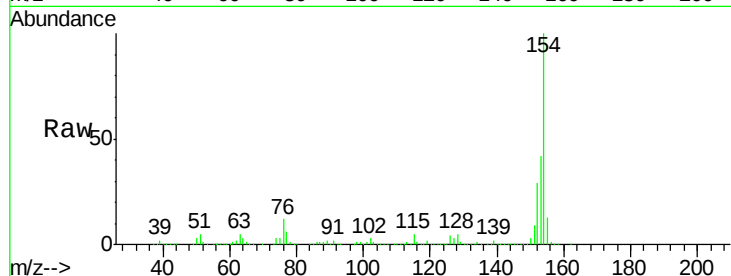




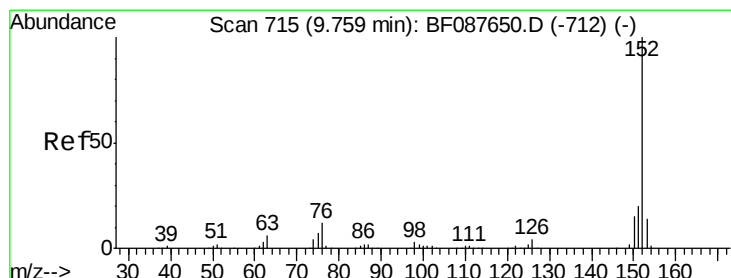
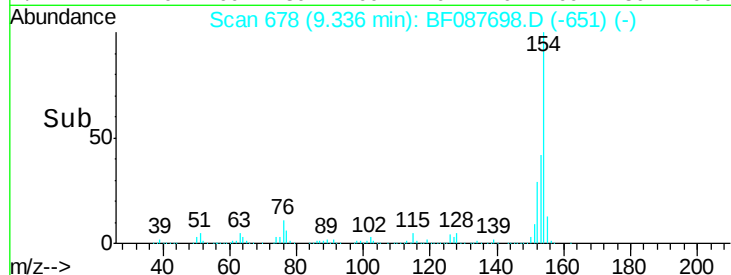
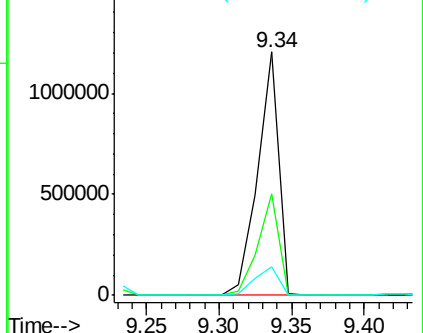
#45
1,1'-Biphenyl
Concen: 63.12 ng
RT: 9.34 min Scan# 678
Delta R.T. 0.01 min
Lab File: BF087698.D
Acq: 5 Jun 2016 9:41

Instrument :
BNA_F
ClientSampleId :
MW-11C

Tgt Ion:154 Resp: 1208735
Ion Ratio Lower Upper
154 100
153 41.7 20.6 60.6
76 11.5 0.0 35.1

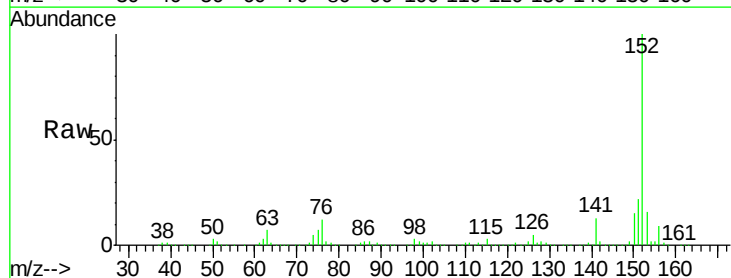


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0

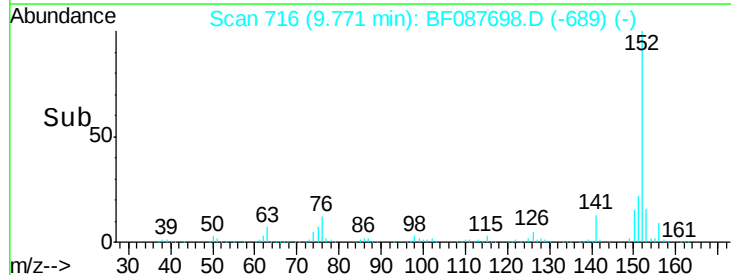
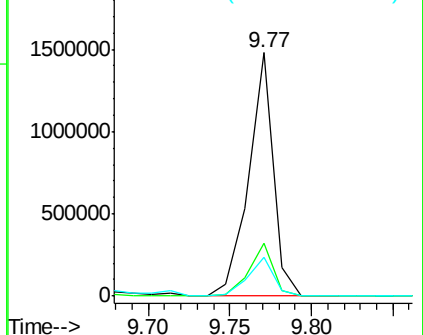


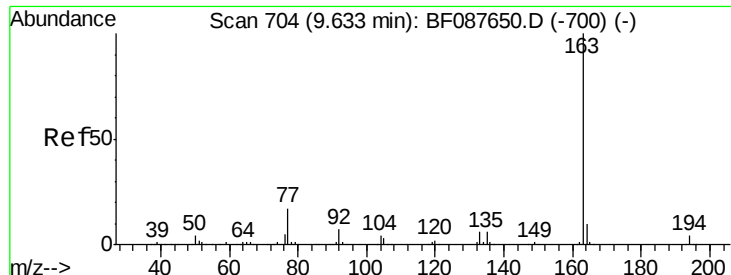
#48
Acenaphthylene
Concen: 65.02 ng
RT: 9.77 min Scan# 716
Delta R.T. 0.01 min
Lab File: BF087698.D
Acq: 5 Jun 2016 9:41

Tgt Ion:152 Resp: 1545718
Ion Ratio Lower Upper
152 100
151 21.8 16.2 24.4
153 16.1 11.0 16.6



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 9.50 ng

RT: 9.62 min Scan# 703

Delta R.T. -0.01 min

Lab File: BF087698.D

Acq: 5 Jun 2016 9:41

Instrument :

BNA_F

ClientSampleId :

MW-11C

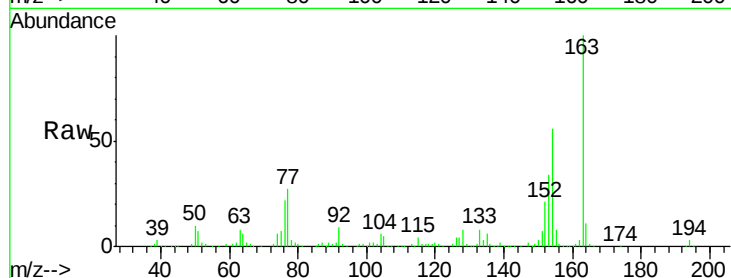
Tgt Ion:163 Resp: 162934

Ion Ratio Lower Upper

163 100

194 3.2 2.8 4.2

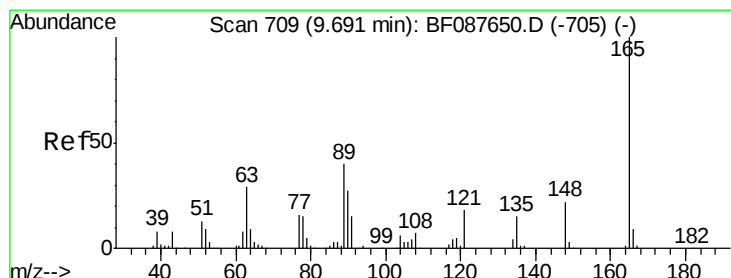
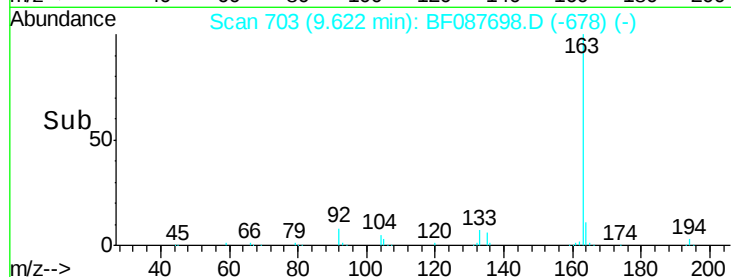
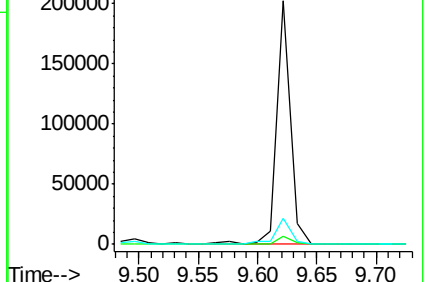
164 10.9 8.3 12.5



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: 3.75 ng

RT: 9.60 min Scan# 701

Delta R.T. -0.09 min

Lab File: BF087698.D

Acq: 5 Jun 2016 9:41

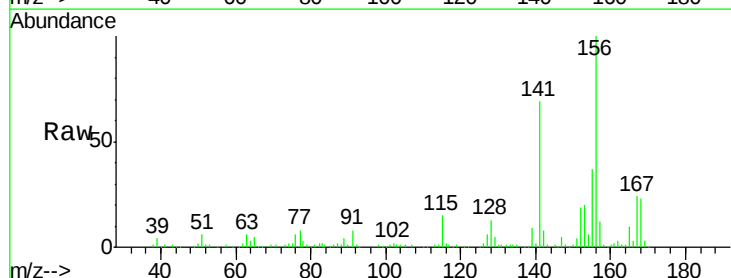
Tgt Ion:165 Resp: 14642

Ion Ratio Lower Upper

165 100

63 62.7 28.1 42.1#

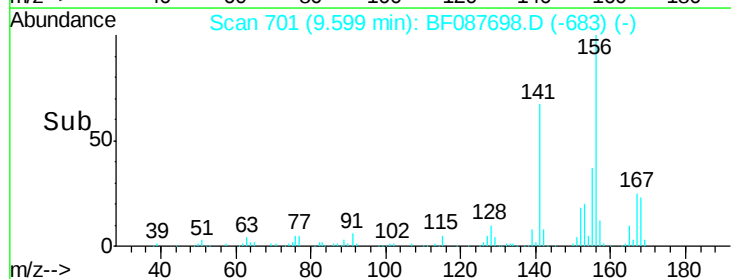
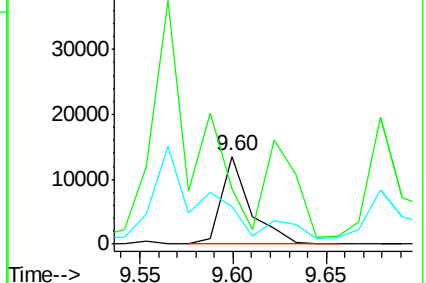
89 43.4 32.2 48.2

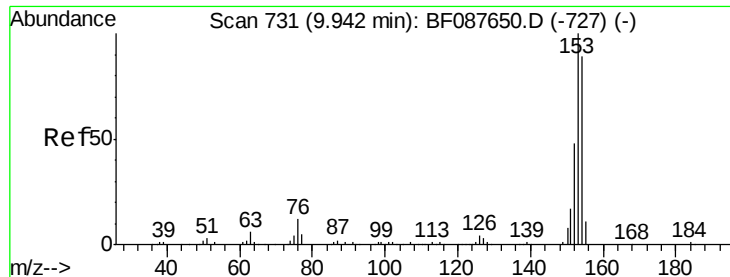


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 18.35 ng

RT: 9.93 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF087698.D

Acq: 5 Jun 2016 9:41

Instrument :

BNA_F

ClientSampleId :

MW-11C

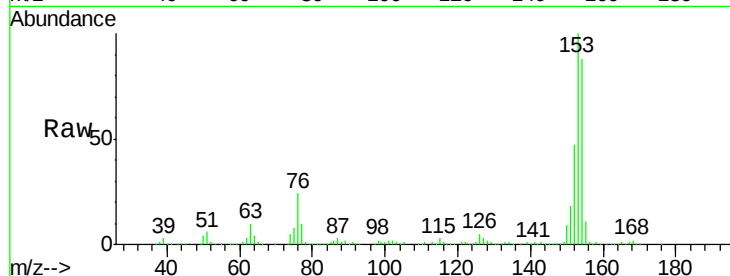
Tgt Ion:154 Resp: 280745

Ion Ratio Lower Upper

154 100

153 113.7 89.5 134.3

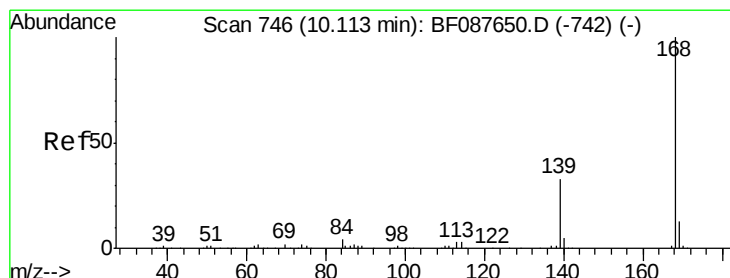
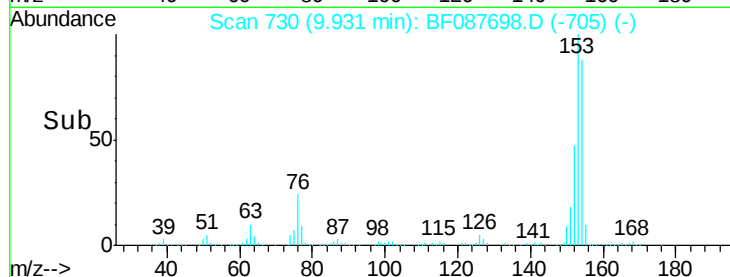
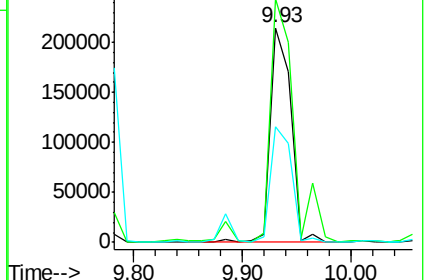
152 53.9 42.7 64.1



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



#54

Dibenzofuran

Concen: 4.62 ng

RT: 10.10 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF087698.D

Acq: 5 Jun 2016 9:41

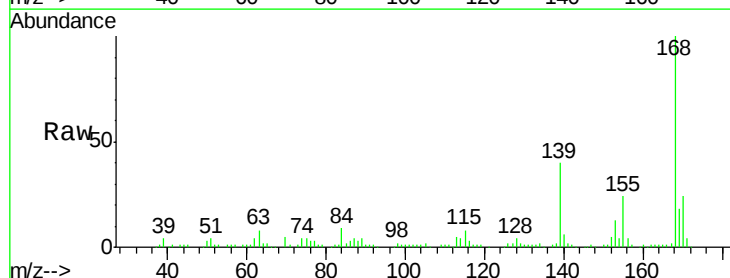
Tgt Ion:168 Resp: 96187

Ion Ratio Lower Upper

168 100

139 39.7 26.4 39.6#

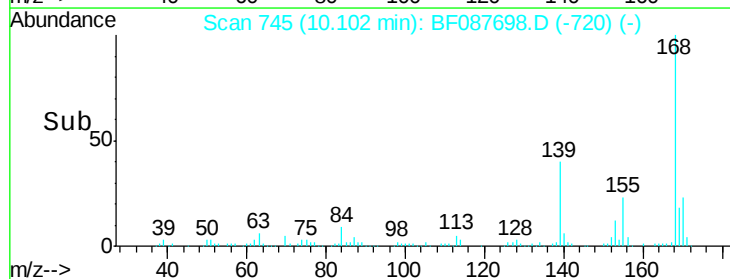
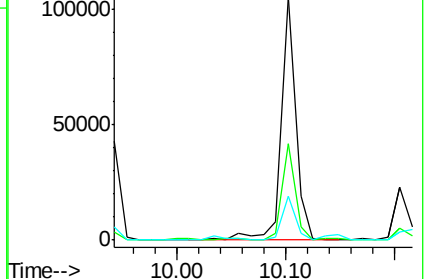
169 17.9 10.4 15.6#

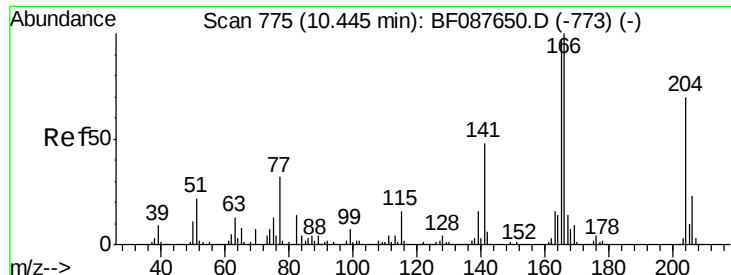


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

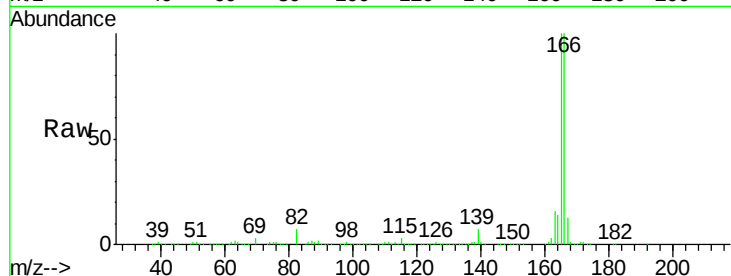




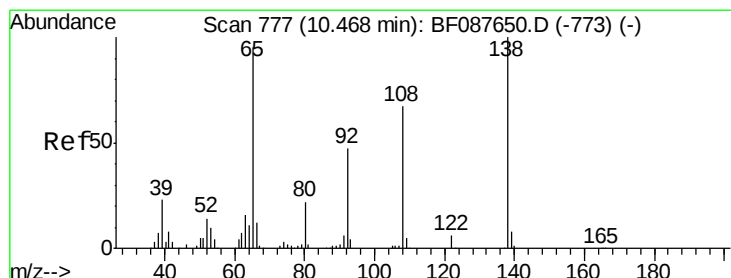
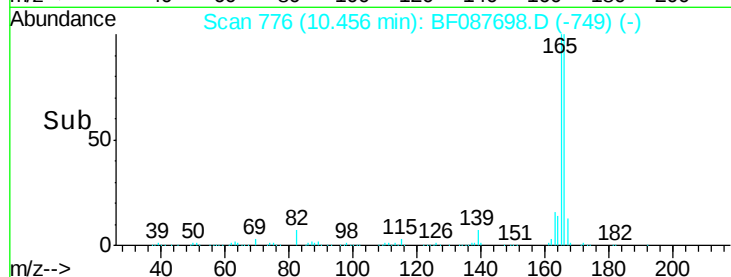
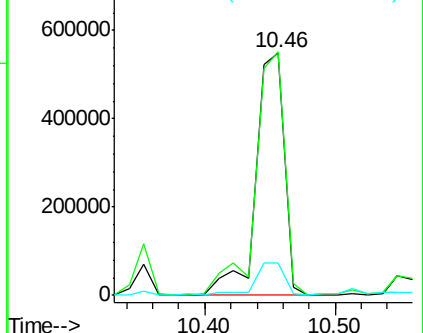
#57
Fluorene
 Concen: 51.52 ng
 RT: 10.46 min Scan# 776
 Delta R.T. 0.01 min
 Lab File: BF087698.D
 Acq: 5 Jun 2016 9:41

Instrument :
 BNA_F
 ClientSampleId :
 MW-11C

Tgt Ion:166 Resp: 838703
 Ion Ratio Lower Upper
 166 100
 165 100.3 77.8 116.8
 167 13.3 11.2 16.8

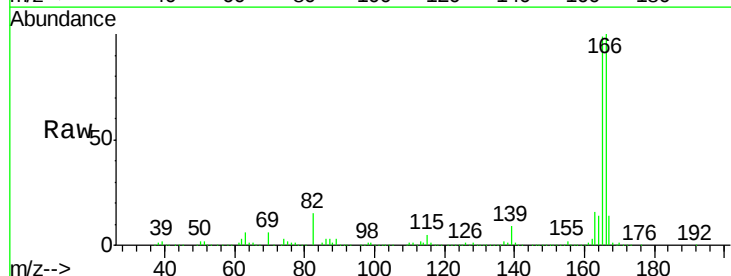


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

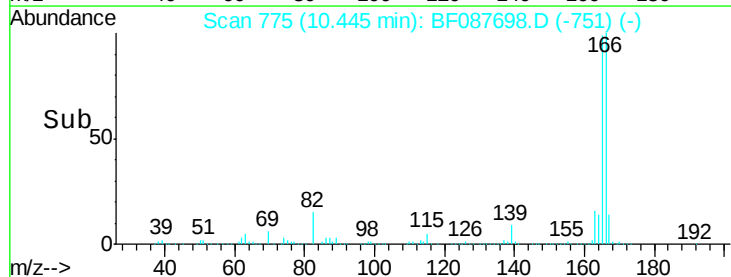
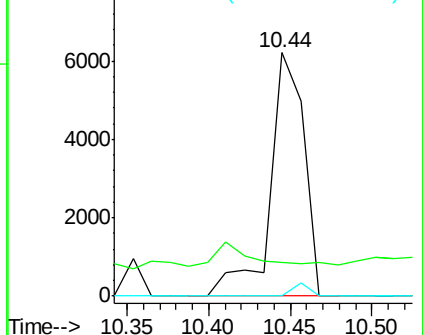


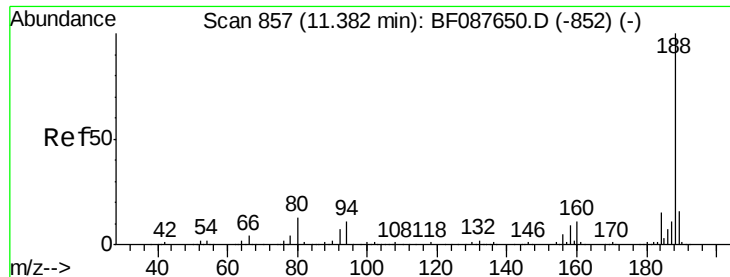
#61
4-Nitroaniline
 Concen: 2.09 ng
 RT: 10.44 min Scan# 775
 Delta R.T. -0.02 min
 Lab File: BF087698.D
 Acq: 5 Jun 2016 9:41

Tgt Ion:138 Resp: 8963
 Ion Ratio Lower Upper
 138 100
 92 14.0 27.3 67.3#
 108 0.0 46.7 86.7#



Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 92.00 (91.70 to 92.70): BF0
 Ion 108.00 (107.70 to 108.70): E

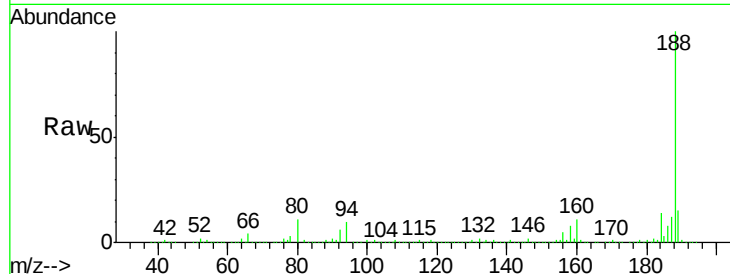




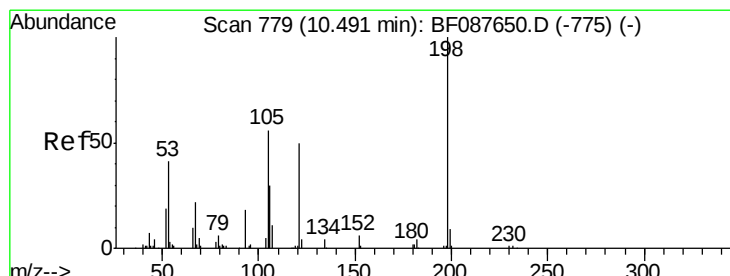
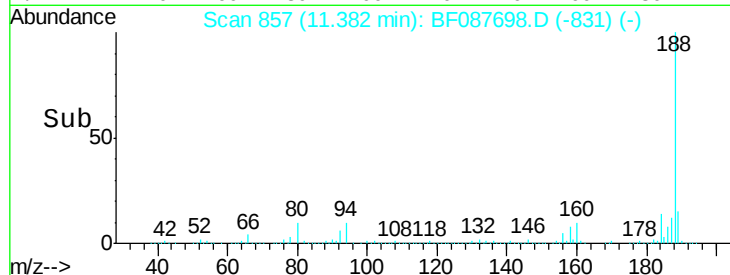
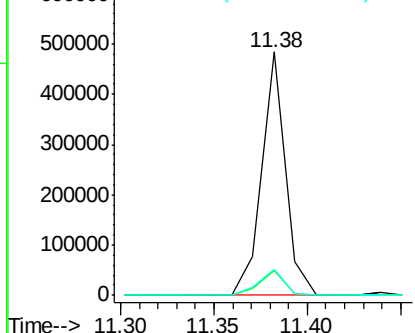
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.38 min Scan# 857
Delta R.T. -0.00 min
Lab File: BF087698.D
Acq: 5 Jun 2016 9:41

Instrument :
BNA_F
ClientSampleId :
MW-11C

Tgt Ion:188 Resp: 434437
Ion Ratio Lower Upper
188 100
94 10.1 9.0 13.6
80 10.8 10.0 15.0

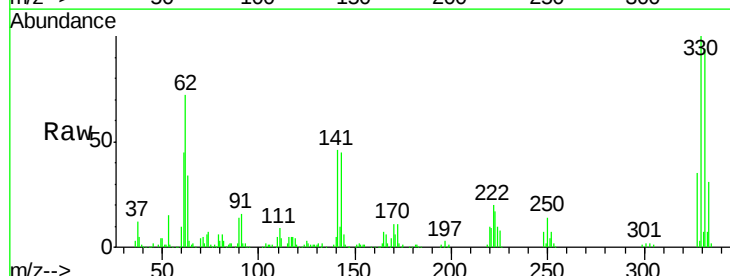


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

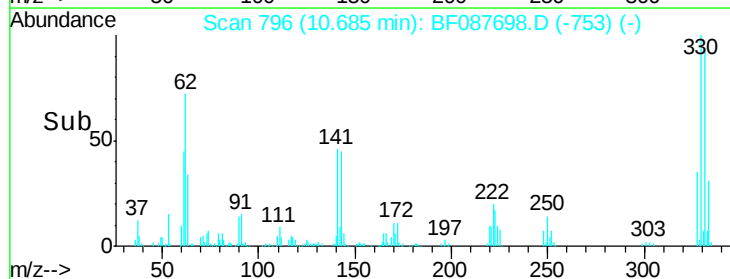
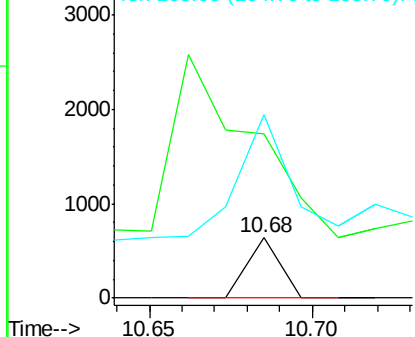


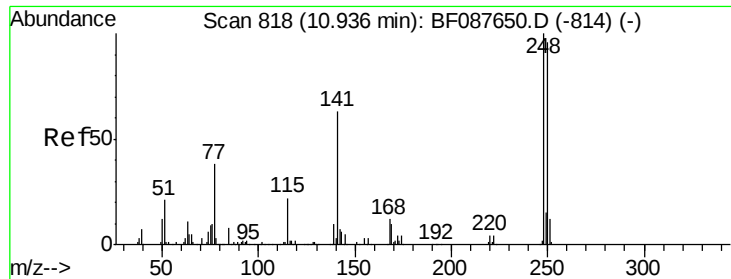
#64
4,6-Dinitro-2-methylphenol
Concen: 2.19 ng
RT: 10.68 min Scan# 796
Delta R.T. 0.19 min
Lab File: BF087698.D
Acq: 5 Jun 2016 9:41

Tgt Ion:198 Resp: 439
Ion Ratio Lower Upper
198 100
51 271.9 39.6 79.6#
105 303.9 36.6 76.6#



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





#66

4-Bromophenyl-phenylether

Concen: 4.45 ng

RT: 10.68 min Scan# 796

Delta R.T. -0.25 min

Lab File: BF087698.D

Acq: 5 Jun 2016 9:41

Instrument :

BNA_F

ClientSampleId :

MW-11C

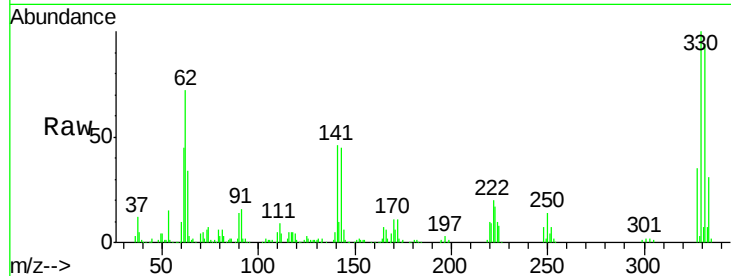
Tgt Ion:248 Resp: 19162

Ion Ratio Lower Upper

248 100

250 198.1 77.1 115.7#

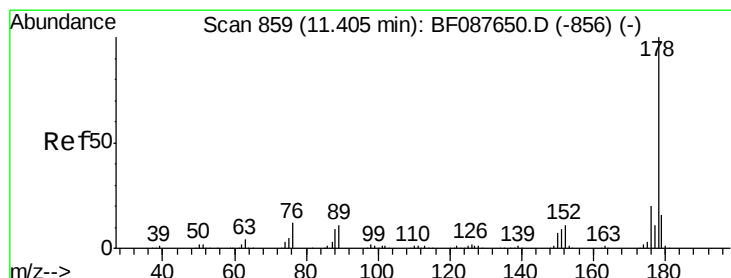
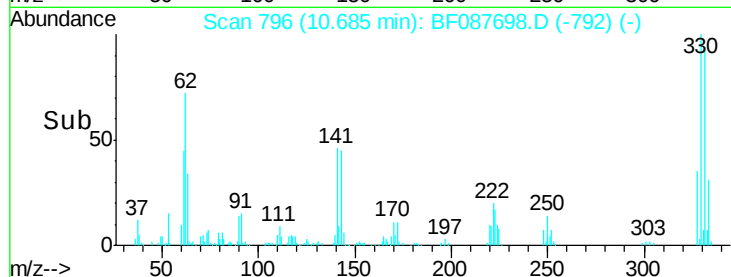
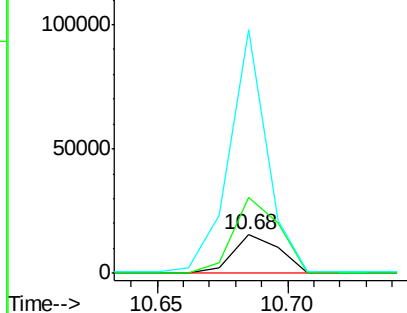
141 633.9 50.6 76.0#



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



#70

Phenanthrene

Concen: 43.65 ng

RT: 11.41 min Scan# 859

Delta R.T. -0.00 min

Lab File: BF087698.D

Acq: 5 Jun 2016 9:41

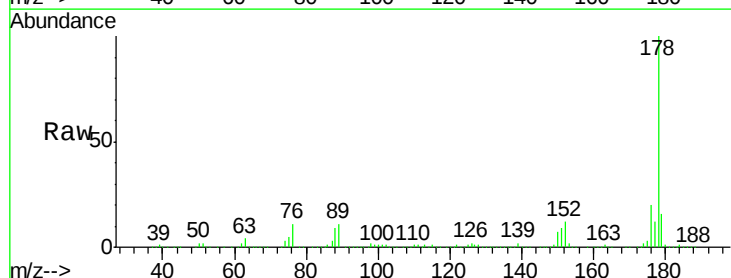
Tgt Ion:178 Resp: 1028068

Ion Ratio Lower Upper

178 100

176 19.9 15.8 23.6

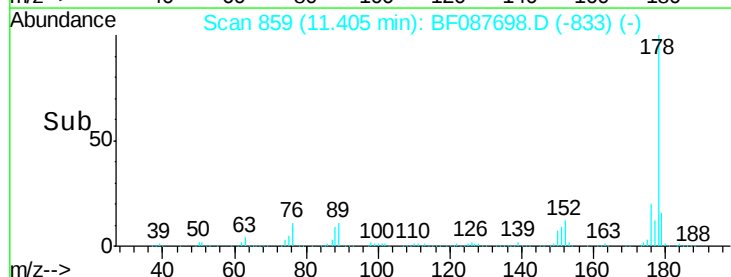
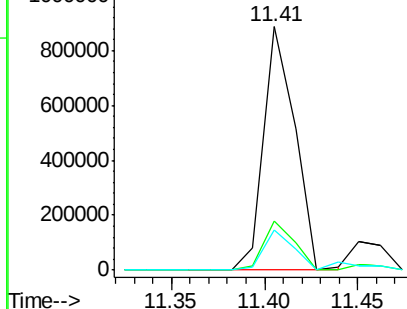
179 16.2 13.0 19.4

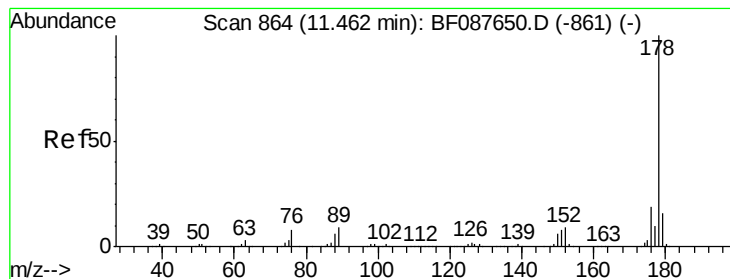


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 5.84 ng

RT: 11.45 min Scan# 863

Delta R.T. -0.01 min

Lab File: BF087698.D

Acq: 5 Jun 2016 9:41

Instrument :

BNA_F

ClientSampleId :

MW-11C

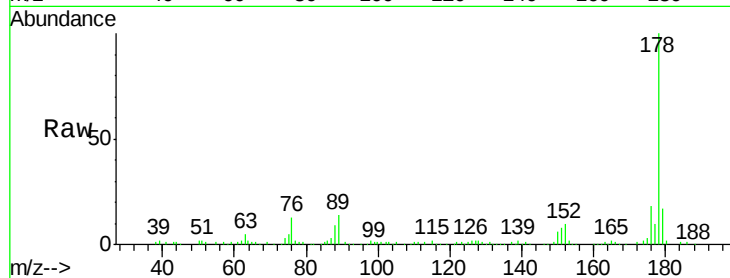
Tgt Ion:178 Resp: 137848

Ion Ratio Lower Upper

178 100

176 18.2 15.6 23.4

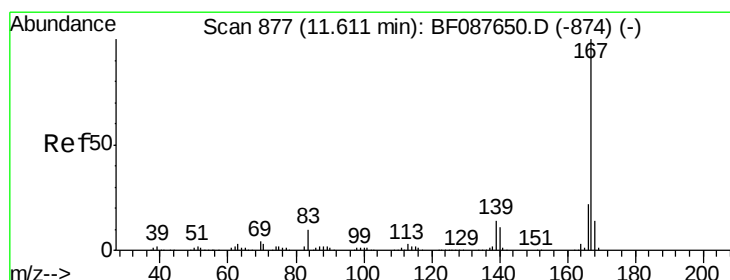
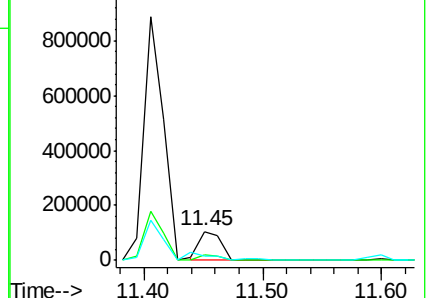
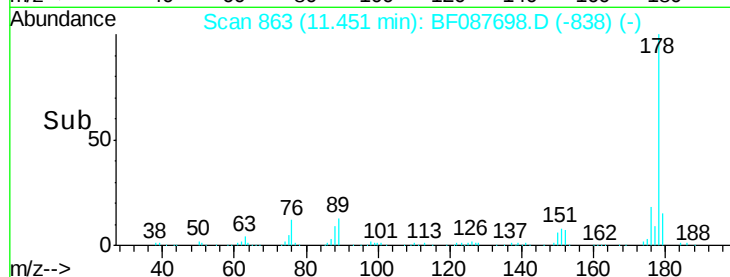
179 16.6 12.8 19.2



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



#72

Carbazole

Concen: 9.66 ng

RT: 11.61 min Scan# 877

Delta R.T. -0.00 min

Lab File: BF087698.D

Acq: 5 Jun 2016 9:41

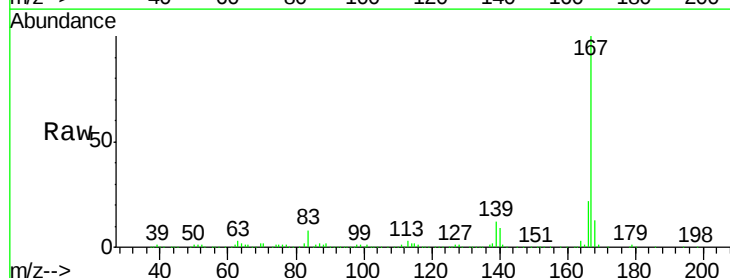
Tgt Ion:167 Resp: 215922

Ion Ratio Lower Upper

167 100

166 21.7 17.8 26.6

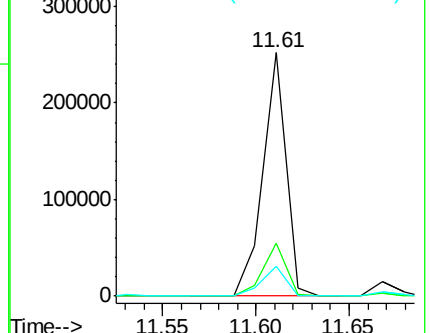
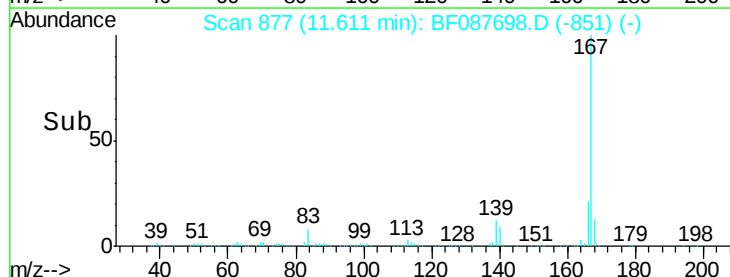
139 12.2 11.2 16.8

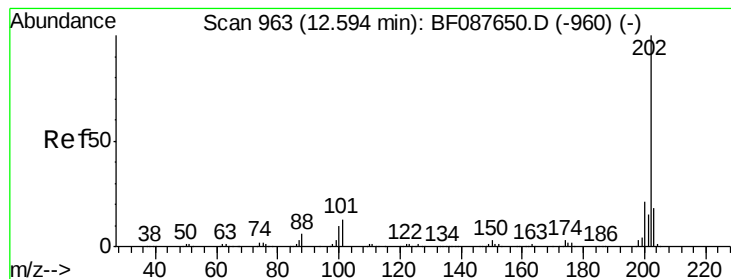


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#74

Fluoranthene

Concen: 3.03 ng

RT: 12.61 min Scan# 964

Delta R.T. 0.01 min

Lab File: BF087698.D

Acq: 5 Jun 2016 9:41

Instrument :

BNA_F

ClientSampleId :

MW-11C

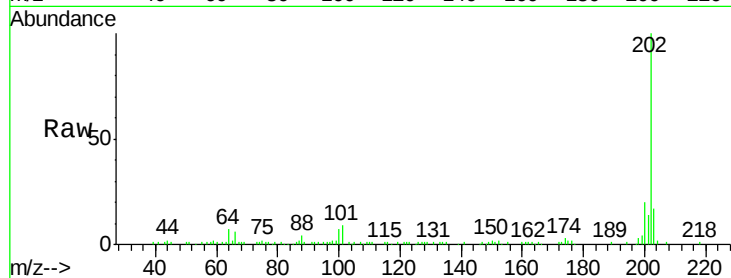
Tgt Ion:202 Resp: 70179

Ion Ratio Lower Upper

202 100

101 8.9 0.0 33.1

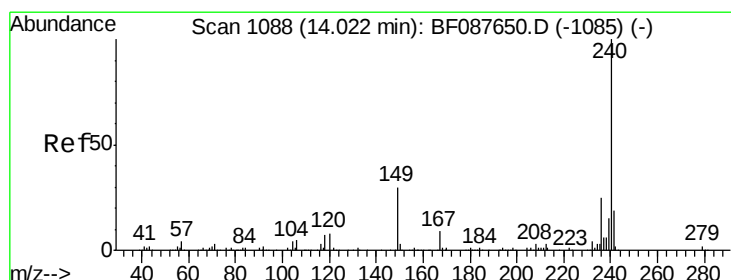
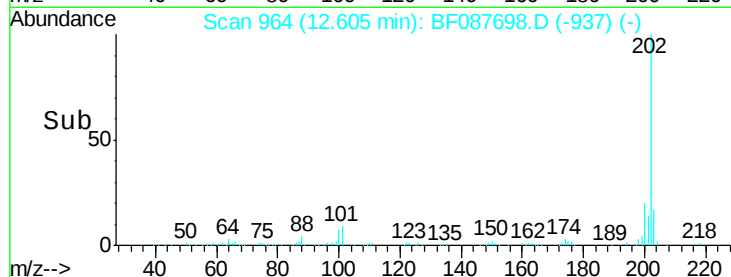
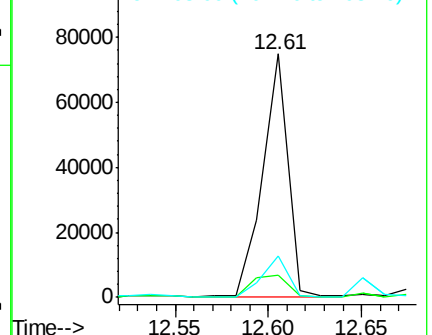
203 17.0 0.0 38.1



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: 14.01 min Scan# 1087

Delta R.T. -0.01 min

Lab File: BF087698.D

Acq: 5 Jun 2016 9:41

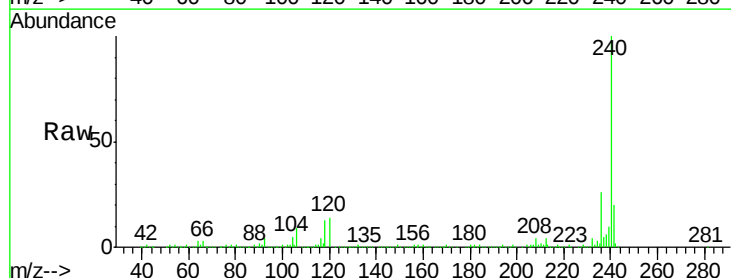
Tgt Ion:240 Resp: 342178

Ion Ratio Lower Upper

240 100

120 14.2 6.8 10.2#

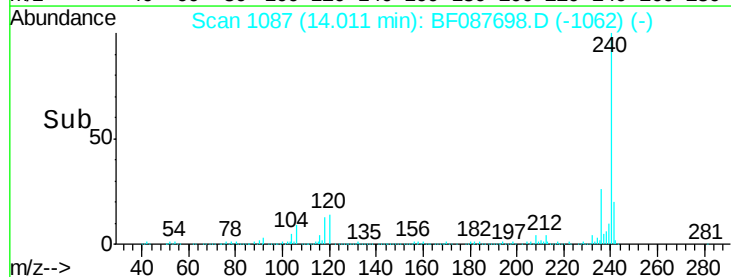
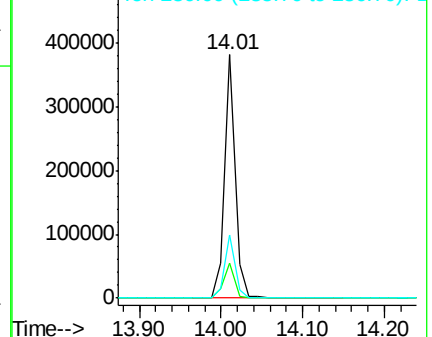
236 25.7 20.2 30.2

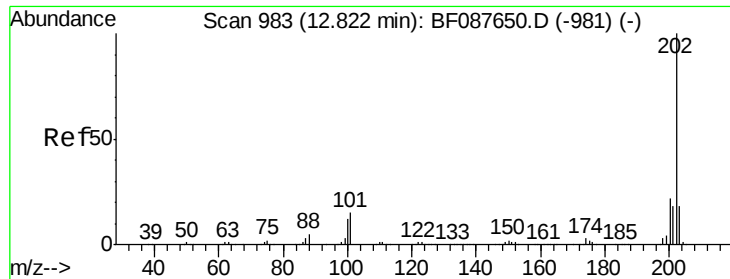


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

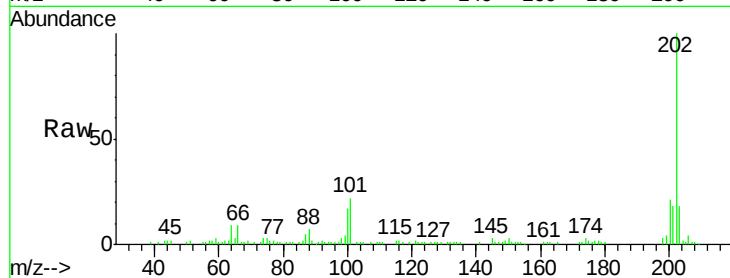




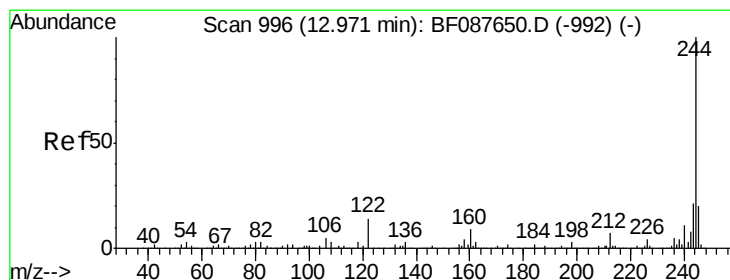
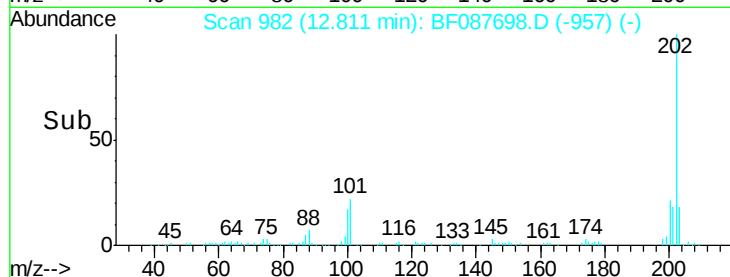
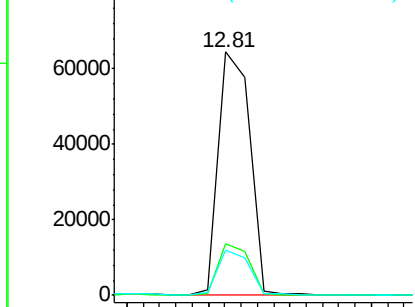
#77
 Pyrene
 Concen: 3.54 ng
 RT: 12.81 min Scan# 982
 Delta R.T. -0.01 min
 Lab File: BF087698.D
 Acq: 5 Jun 2016 9:41

Instrument :
 BNA_F
 ClientSampleId :
 MW-11C

Tgt Ion: 202 Resp: 86244
 Ion Ratio Lower Upper
 202 100
 200 21.1 17.4 26.2
 203 18.4 14.5 21.7

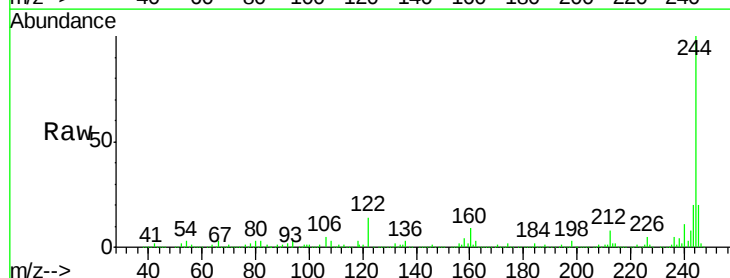


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

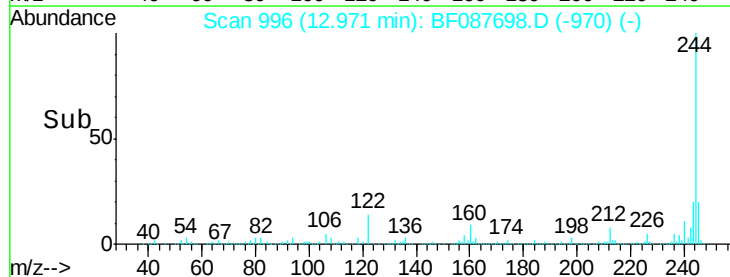
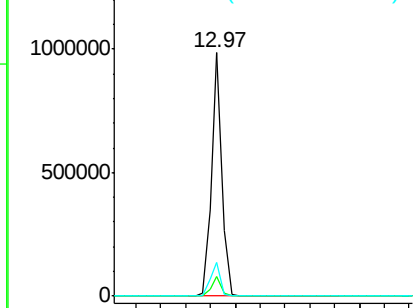


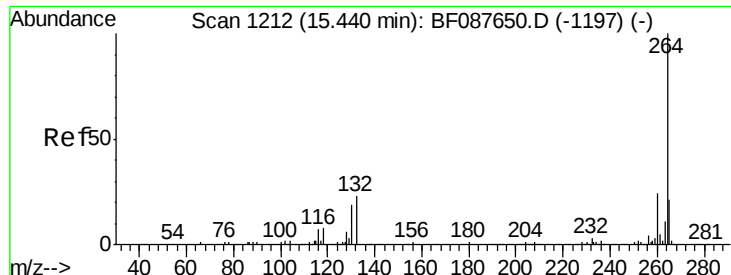
#78
 Terphenyl-d14
 Concen: 79.75 ng
 RT: 12.97 min Scan# 996
 Delta R.T. 0.00 min
 Lab File: BF087698.D
 Acq: 5 Jun 2016 9:41

Tgt Ion: 244 Resp: 1118389
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.0 9.0
 122 14.1 11.2 16.8



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

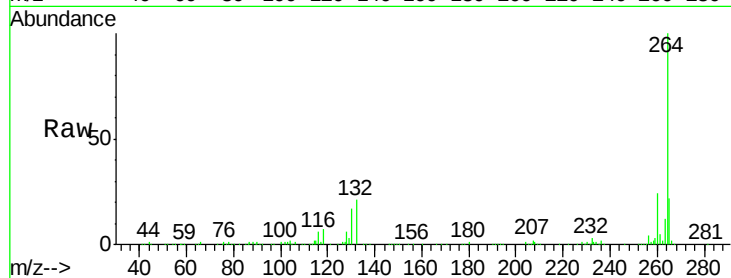




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.44 min Scan# 1212
Delta R.T. -0.00 min
Lab File: BF087698.D
Acq: 5 Jun 2016 9:41

Instrument :
BNA_F
ClientSampleId :
MW-11C

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.6	16.9	25.3



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

