

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060416\
 Data File : BF087697.D
 Acq On : 5 Jun 2016 9:11
 Operator : UM/SJ
 Sample : H3345-02
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-14

Quant Time: Jun 06 01:18:16 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	6.87	152	130332	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	123983	20.00	ng	0.00
38) Acenaphthene-d10	9.91	164	241678	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	439765	20.00	ng	0.00
75) Chrysene-d12	14.01	240	340713	20.00	ng	-0.01
86) Perylene-d12	15.44	264	264901	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	158691	19.68	ng	0.01
7) Phenol-d6	6.49	99	355706	35.17	ng	0.00
23) Nitrobenzene-d5	7.44	82	824033	384.54	ng	0.01
41) 2,4,6-Tribromophenol	10.70	330	333701	137.55	ng	0.01
44) 2-Fluorobiphenyl	9.23	172	1401090	91.12	ng	0.00
78) Terphenyl-d14	12.97	244	1092175	78.22	ng	0.00

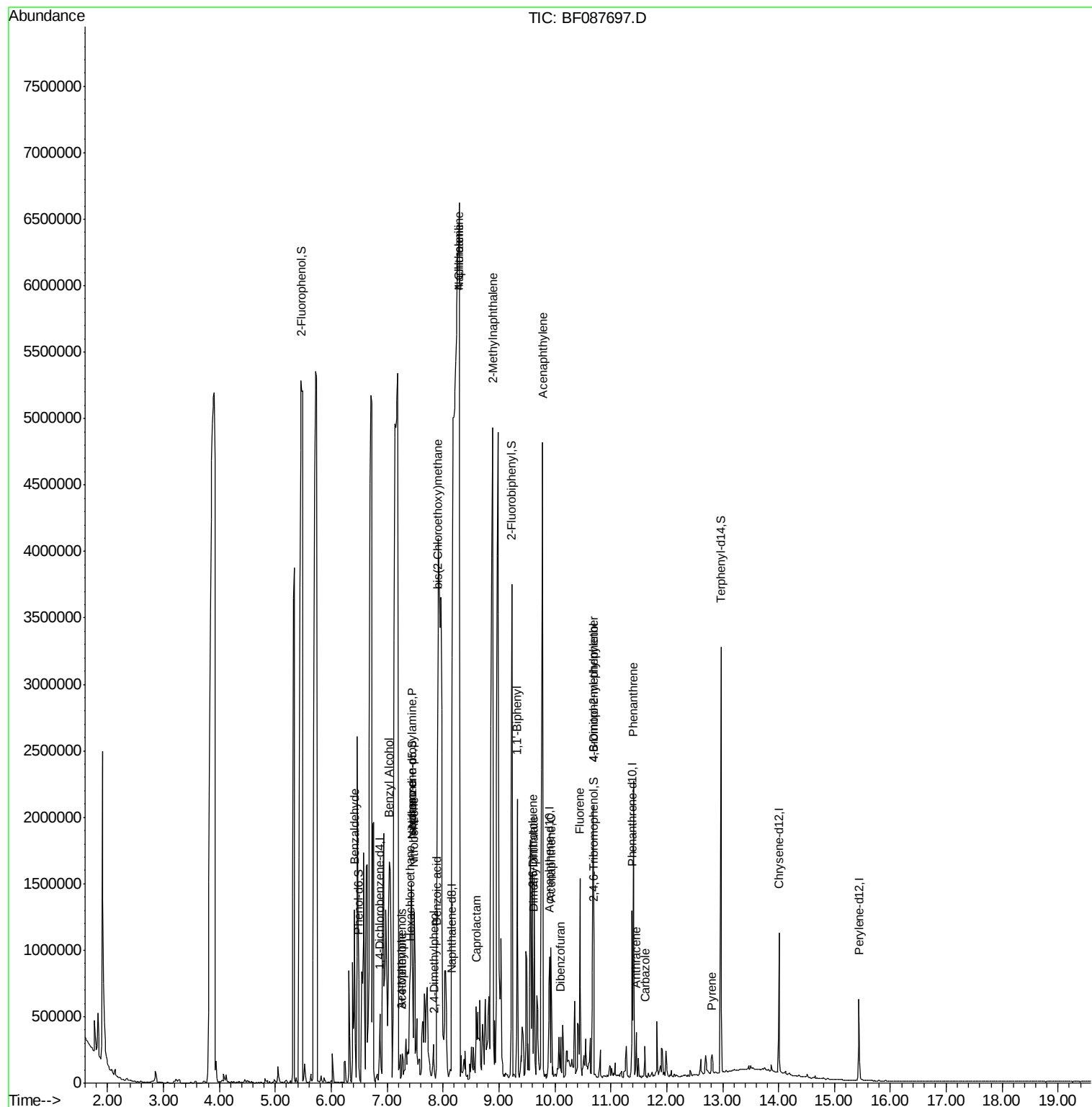
Target Compounds						Qvalue
9) Benzaldehyde	6.42	77	143240	20.95	ng	# 1
15) Benzyl Alcohol	7.04	79	17159	2.30	ng	# 8
18) Hexachloroethane	7.40	117	223906	64.23	ng	# 48
19) n-Nitroso-di-n-propylamine	7.44	70	110283	17.46	ng	# 74
20) 3+4-Methylphenols	7.27	107	29058	3.18	ng	93
22) Acetophenone	7.27	105	64194	22.86	ng	# 74
24) Nitrobenzene	7.48	77	57355	26.74	ng	# 3
25) Isophorone	7.44	82	726272	186.16	ng	# 65
27) 2,4-Dimethylphenol	7.84	122	10000	4.84	ng	92
28) bis(2-Chloroethoxy)methane	7.91	93	5178	2.09	ng	# 57
31) Naphthalene	8.28	128	19390474	3216.64	ng	# 93
32) Benzoic acid	7.88	122	4075	3.27	ng	# 1
33) 4-Chloroaniline	8.28	127	3104137	1185.42	ng	# 38
35) Caprolactam	8.59	113	3326	5.97	ng	# 8
37) 2-Methylnaphthalene	8.89	142	3291138	826.75	ng	# 91
45) 1,1'-Biphenyl	9.32	154	853318	43.51	ng	100
48) Acenaphthylene	9.78	152	3627109	148.96	ng	96
49) Dimethylphthalate	9.62	163	50078	2.85	ng	# 93
50) 2,6-Dinitrotoluene	9.60	165	11309	2.83	ng	# 1
51) Acenaphthene	9.93	154	239405	15.28	ng	99
54) Dibenzofuran	10.10	168	72144	3.38	ng	# 89
57) Fluorene	10.44	166	594379	35.65	ng	98
64) 4,6-Dinitro-2-methylphenol	10.68	198	451	2.19	ng	# 1
66) 4-Bromophenyl-phenylether	10.68	248	18720	4.29	ng	# 1
70) Phenanthrene	11.40	178	1024806	42.98	ng	99
71) Anthracene	11.45	178	162432	6.80	ng	98
72) Carbazole	11.61	167	111016	4.91	ng	96
77) Pyrene	12.81	202	55954	2.31	ng	99

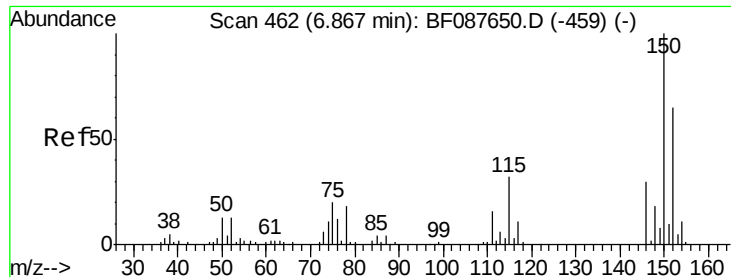
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060416\
Data File : BF087697.D
Acq On : 5 Jun 2016 9:11
Operator : UM/SJ
Sample : H3345-02
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-14

Quant Time: Jun 06 01:18:16 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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.87 min Scan# 462

Delta R.T. -0.00 min

Lab File: BF087697.D

Acq: 5 Jun 2016 9:11

Instrument :

BNA_F

ClientSampleId :

MW-14

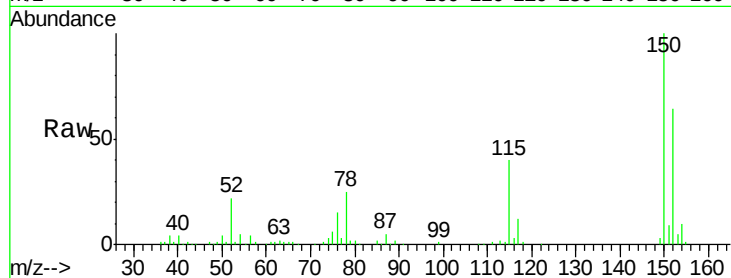
Tgt Ion:152 Resp: 130332

Ion Ratio Lower Upper

152 100

150 156.0 123.8 185.6

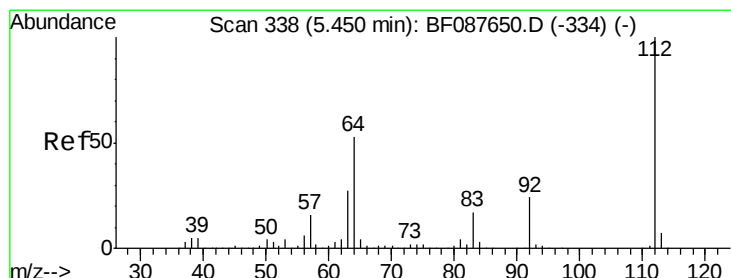
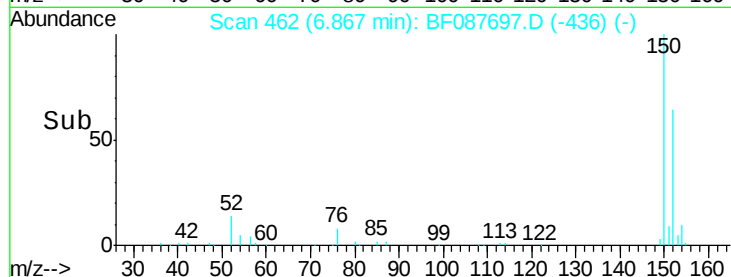
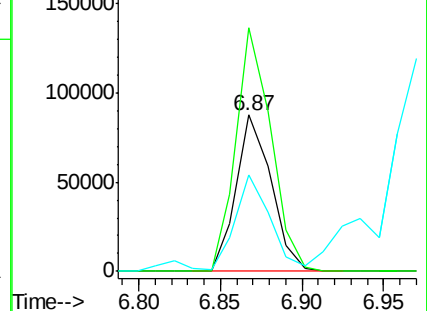
115 61.9 39.6 59.4#



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: 19.68 ng

RT: 5.46 min Scan# 339

Delta R.T. 0.01 min

Lab File: BF087697.D

Acq: 5 Jun 2016 9:11

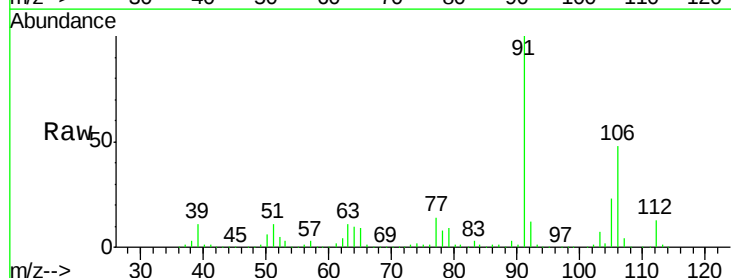
Tgt Ion:112 Resp: 158691

Ion Ratio Lower Upper

112 100

64 77.8 42.2 63.2#

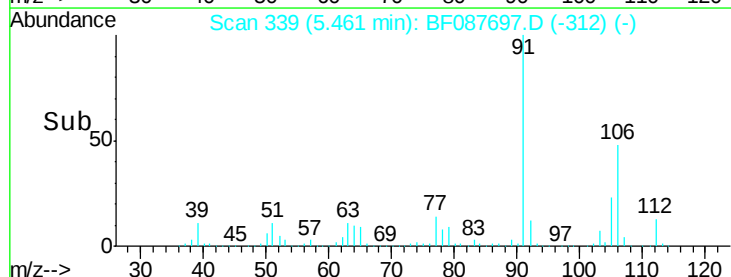
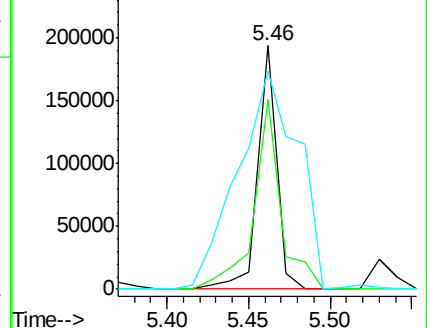
63 89.6 21.8 32.8#

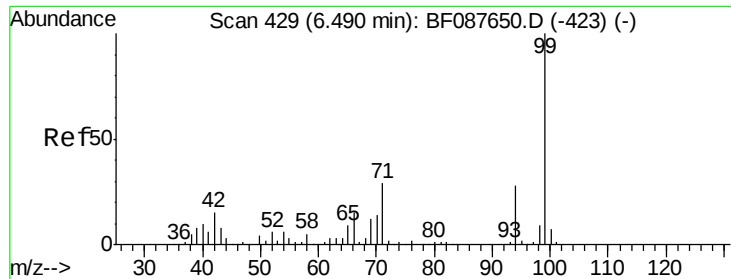


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 35.17 ng

RT: 6.49 min Scan# 429

Delta R.T. -0.00 min

Lab File: BF087697.D

Acq: 5 Jun 2016 9:11

Instrument :

BNA_F

ClientSampleId :

MW-14

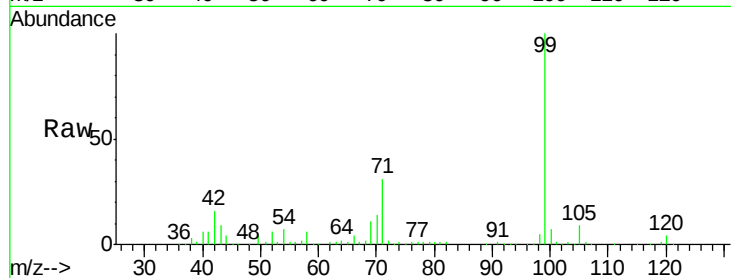
Tgt Ion: 99 Resp: 355706

Ion Ratio Lower Upper

99 100

42 16.0 12.2 18.2

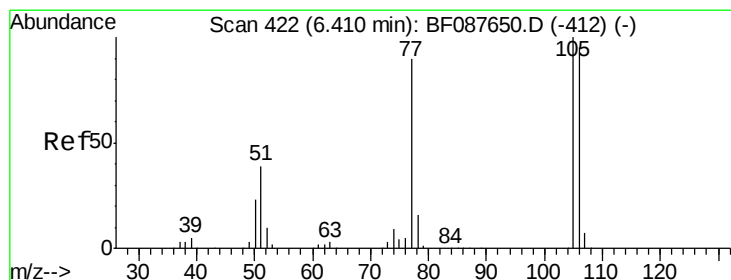
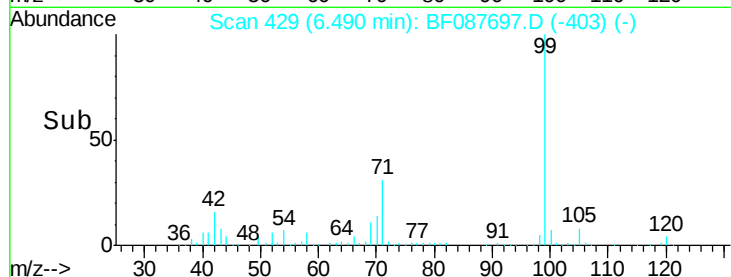
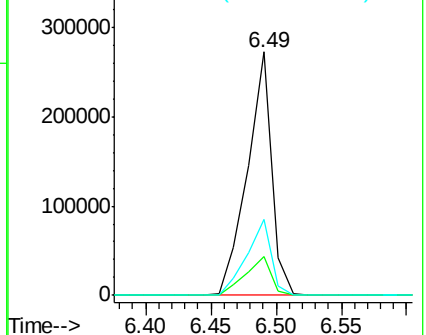
71 31.0 23.4 35.0



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: 20.95 ng

RT: 6.42 min Scan# 423

Delta R.T. 0.01 min

Lab File: BF087697.D

Acq: 5 Jun 2016 9:11

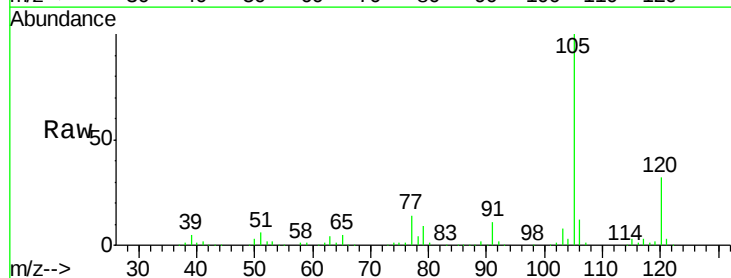
Tgt Ion: 77 Resp: 143240

Ion Ratio Lower Upper

77 100

105 727.4 90.6 130.6#

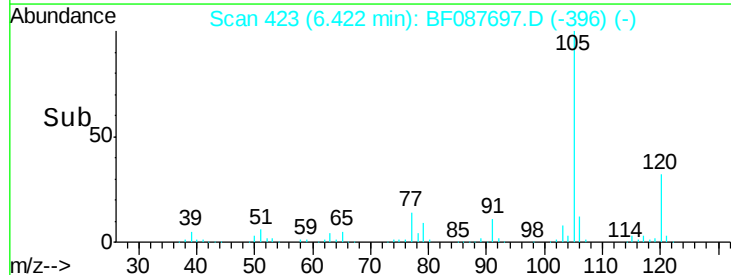
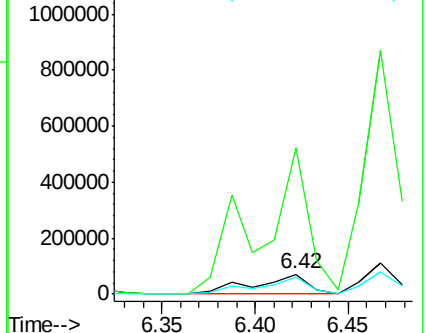
106 84.3 85.3 125.3#

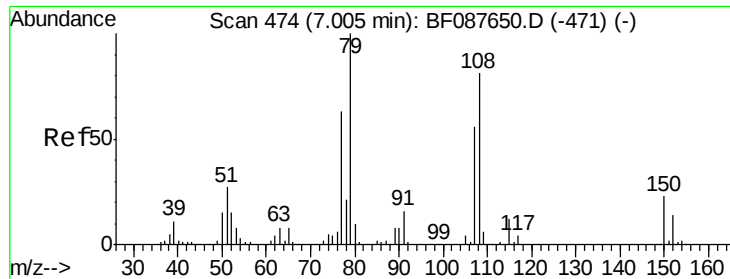


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#15

Benzyl Alcohol

Concen: 2.30 ng

RT: 7.04 min Scan# 477

Delta R.T. 0.03 min

Lab File: BF087697.D

Acq: 5 Jun 2016 9:11

Instrument :

BNA_F

ClientSampleId :

MW-14

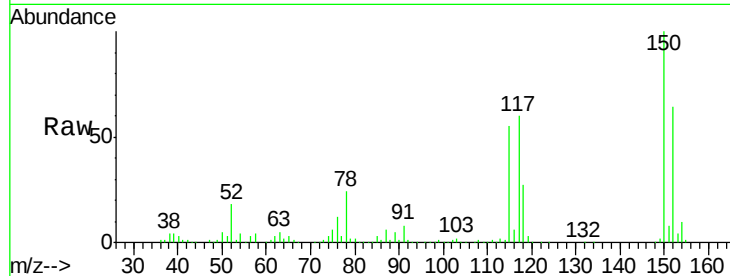
Tgt Ion: 79 Resp: 17159

Ion Ratio Lower Upper

79 100

108 35.0 65.0 97.6#

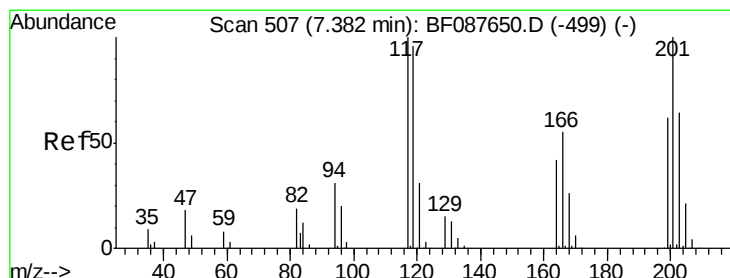
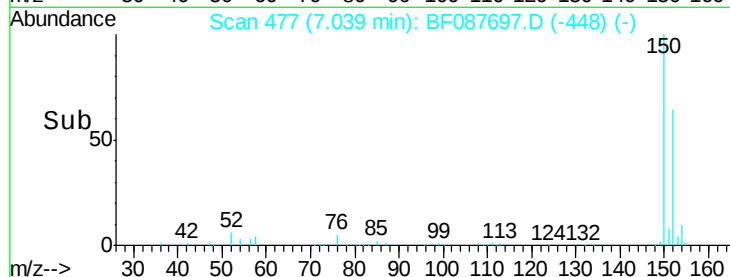
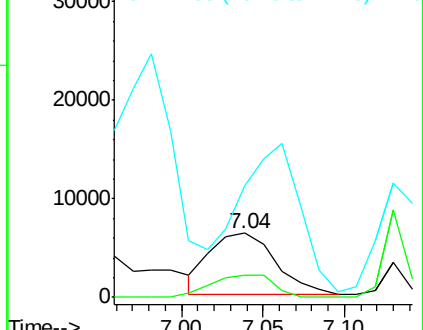
77 174.5 50.3 75.5#



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: 64.23 ng

RT: 7.40 min Scan# 509

Delta R.T. 0.02 min

Lab File: BF087697.D

Acq: 5 Jun 2016 9:11

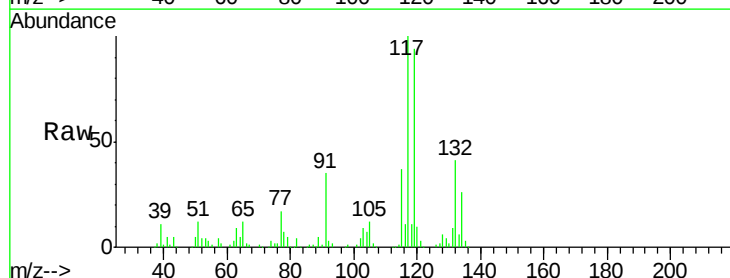
Tgt Ion: 117 Resp: 223906

Ion Ratio Lower Upper

117 100

119 94.1 77.4 116.2

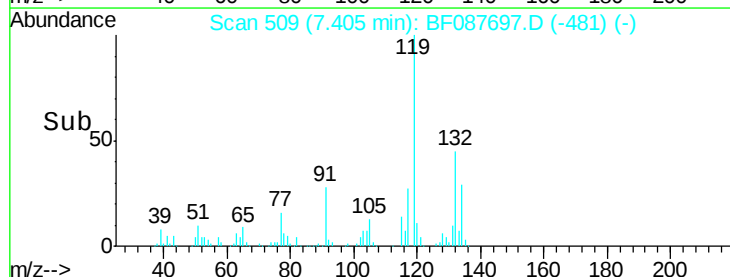
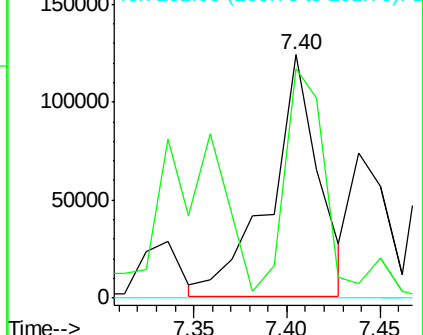
201 0.0 80.4 120.6#

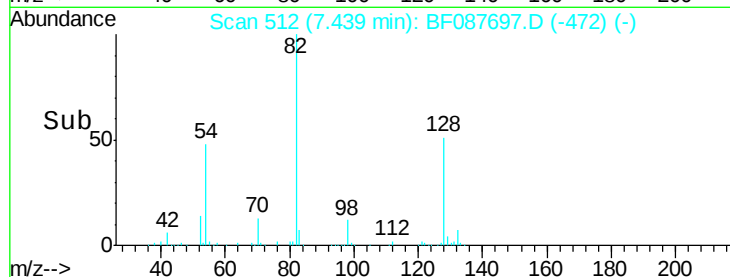
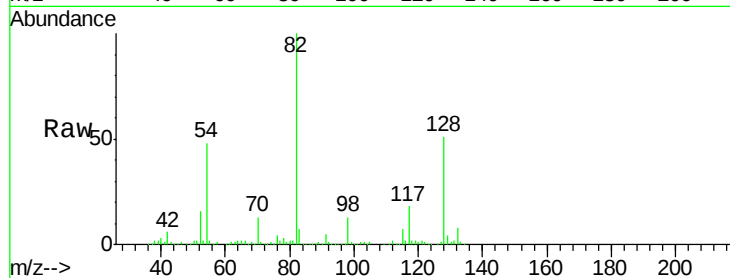
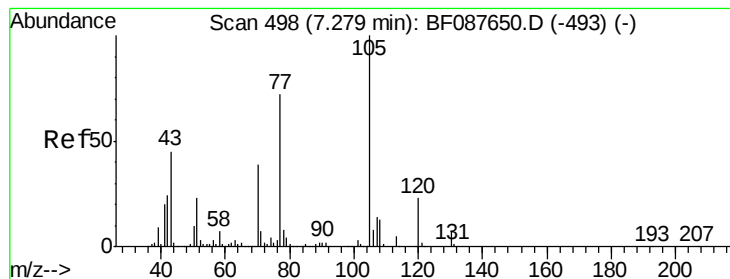


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 17.46 ng

RT: 7.44 min Scan# 512

Delta R.T. 0.16 min

Lab File: BF087697.D

Acq: 5 Jun 2016 9:11

Instrument :

BNA_F

ClientSampleId :

MW-14

Tgt Ion: 70 Resp: 110283

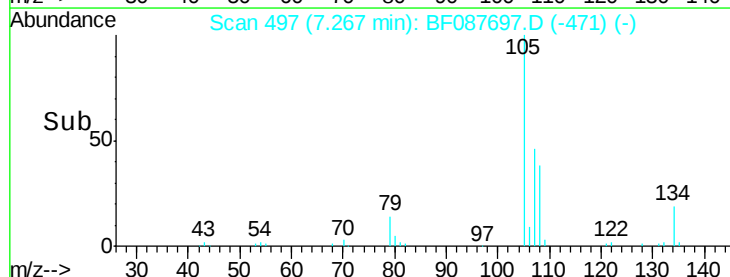
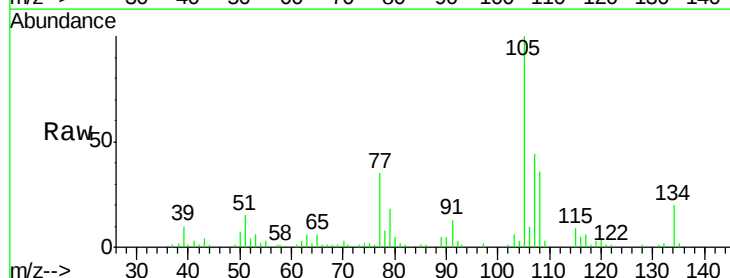
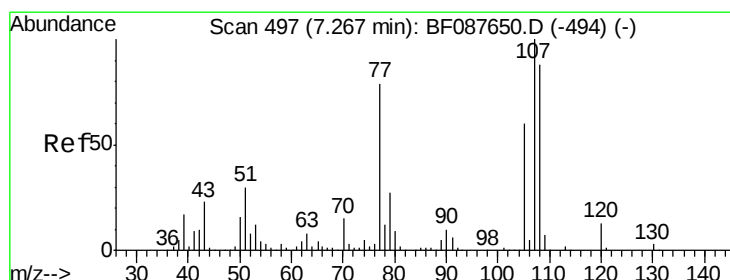
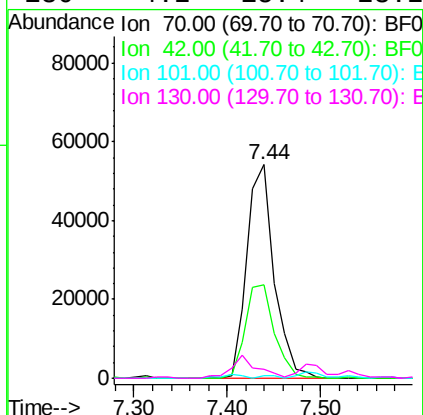
Ion Ratio Lower Upper

70 100

42 43.6 49.6 74.4#

101 0.9 7.1 10.7#

130 4.2 15.4 23.2#



#20

3+4-Methylphenols

Concen: 3.18 ng

RT: 7.27 min Scan# 497

Delta R.T. -0.00 min

Lab File: BF087697.D

Acq: 5 Jun 2016 9:11

Tgt Ion: 107 Resp: 29058

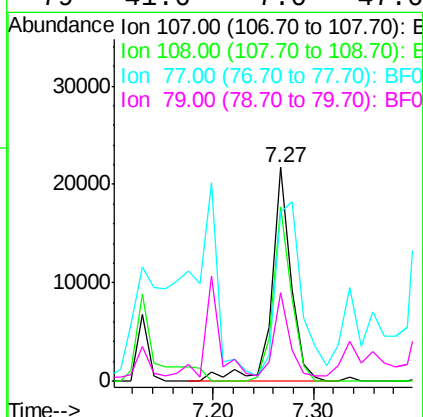
Ion Ratio Lower Upper

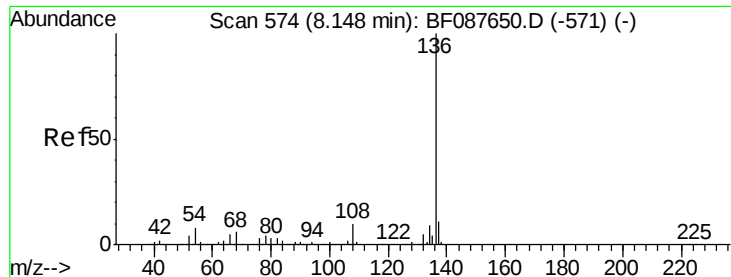
107 100

108 81.8 67.8 107.8

77 79.1 59.3 99.3

79 41.6 7.0 47.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.15 min Scan# 574

Delta R.T. -0.00 min

Lab File: BF087697.D

Acq: 5 Jun 2016 9:11

Instrument :

BNA_F

ClientSampled :

MW-14

Tgt Ion:136 Resp: 123983

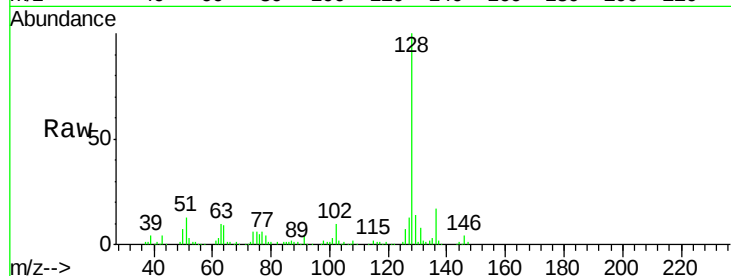
Ion Ratio Lower Upper

136 100

137 11.1 9.1 13.7

54 9.0 6.6 10.0

68 6.2 5.1 7.7

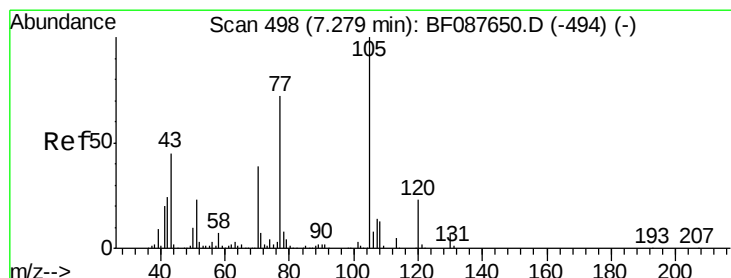
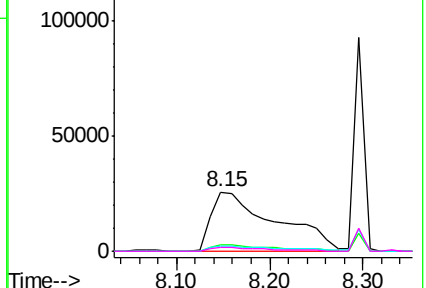
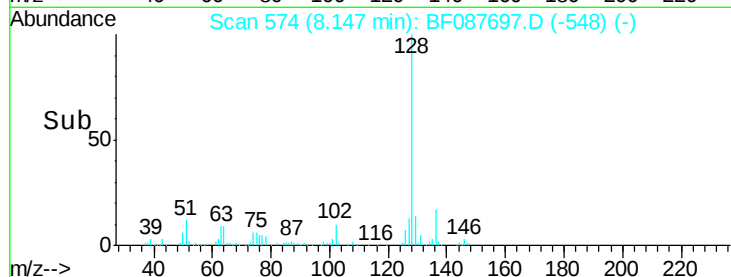


Abundance Ion 136.00 (135.70 to 136.70): E

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: 22.86 ng

RT: 7.27 min Scan# 497

Delta R.T. -0.01 min

Lab File: BF087697.D

Acq: 5 Jun 2016 9:11

Tgt Ion:105 Resp: 64194

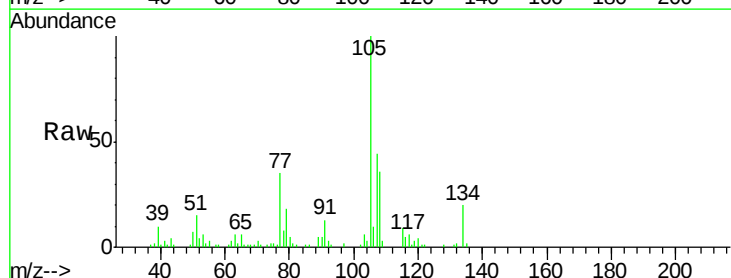
Ion Ratio Lower Upper

105 100

71 0.6 5.3 7.9#

51 14.7 18.2 27.4#

120 3.9 18.0 27.0#

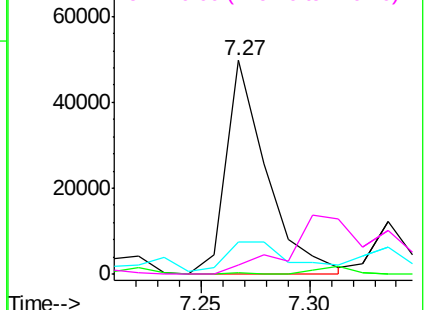
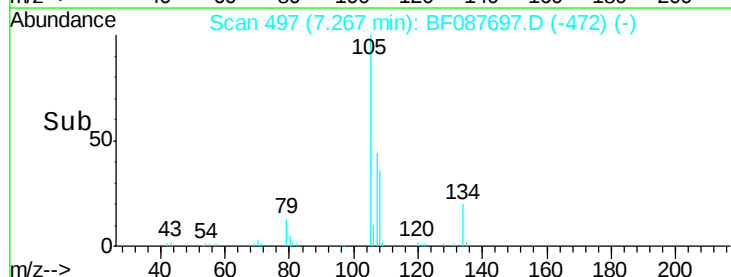


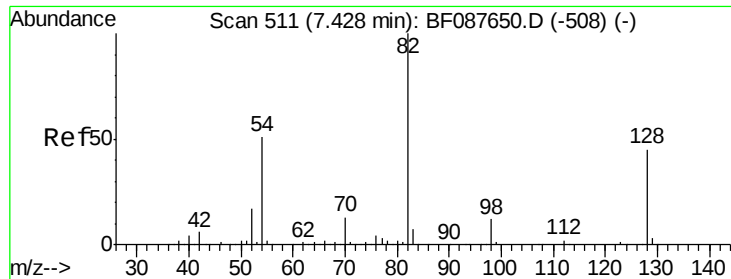
Abundance Ion 105.00 (104.70 to 105.70): E

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

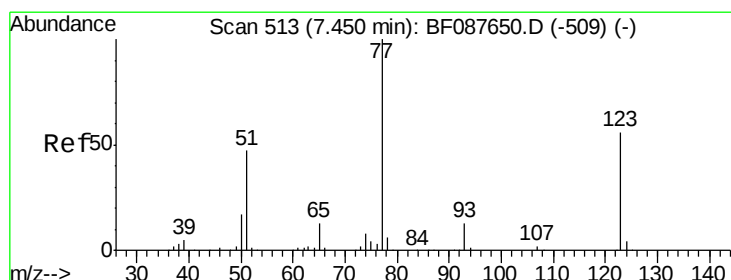
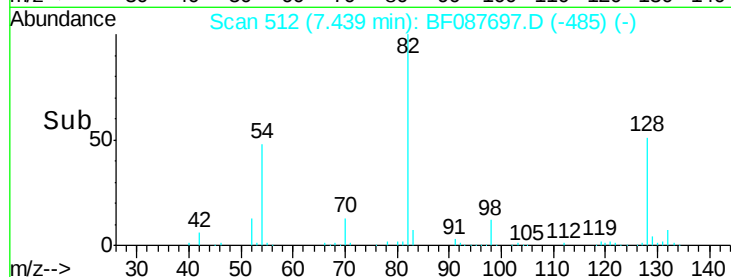
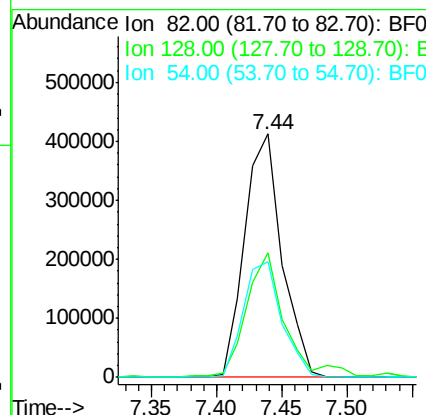
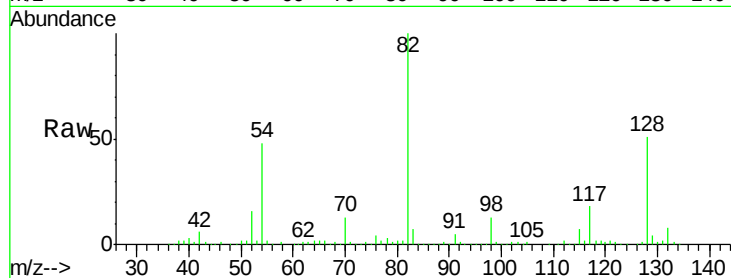




#23
 Nitrobenzene-d5
 Concen: 384.54 ng
 RT: 7.44 min Scan# 512
 Delta R.T. 0.01 min
 Lab File: BF087697.D
 Acq: 5 Jun 2016 9:11

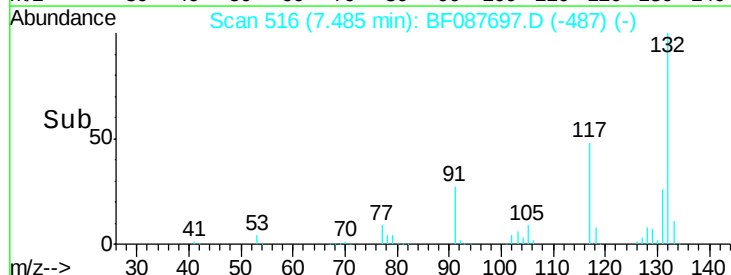
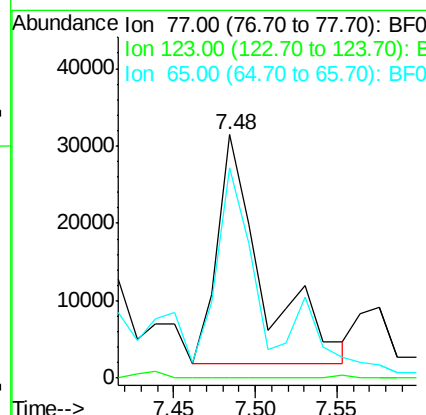
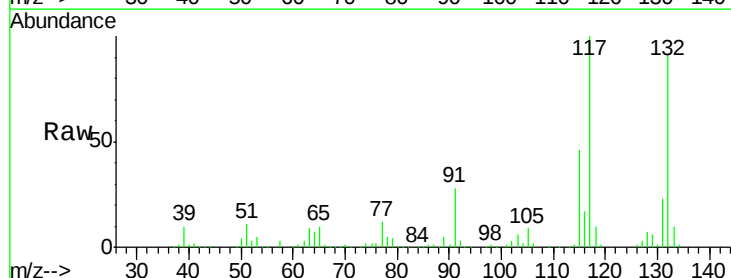
Instrument :
 BNA_F
 ClientSampleId :
 MW-14

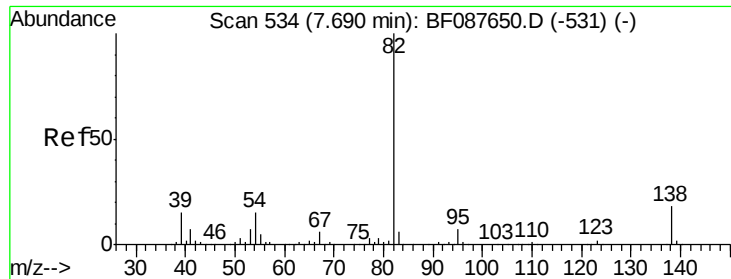
Tgt Ion	Ratio	Lower	Upper
82	100		
128	51.4	35.9	53.9
54	47.7	40.9	61.3



#24
 Nitrobenzene
 Concen: 26.74 ng
 RT: 7.48 min Scan# 516
 Delta R.T. 0.03 min
 Lab File: BF087697.D
 Acq: 5 Jun 2016 9:11

Tgt Ion	Ratio	Lower	Upper
77	100		
123	0.0	45.0	67.4#
65	86.3	10.2	15.2#





#25

Isophorone

Concen: 186.16 ng

RT: 7.44 min Scan# 512

Delta R.T. -0.25 min

Lab File: BF087697.D

Acq: 5 Jun 2016 9:11

Instrument :

BNA_F

ClientSampleId :

MW-14

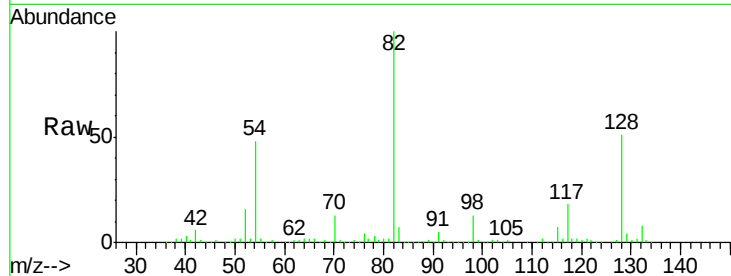
Tgt Ion: 82 Resp: 726272

Ion Ratio Lower Upper

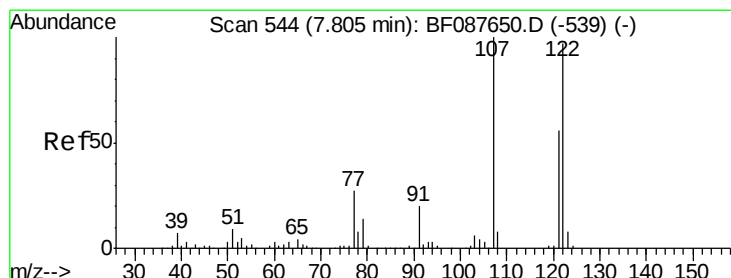
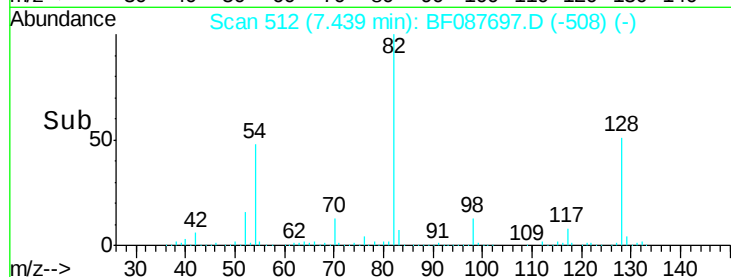
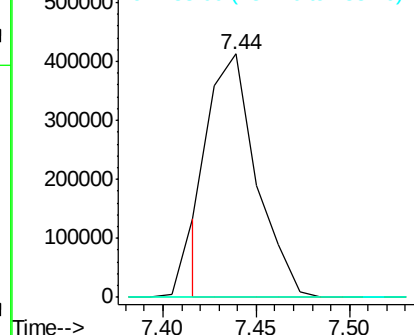
82 100

95 0.1 5.4 8.2#

138 0.0 14.6 21.8#



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



#27

2,4-Dimethylphenol

Concen: 4.84 ng

RT: 7.84 min Scan# 547

Delta R.T. 0.03 min

Lab File: BF087697.D

Acq: 5 Jun 2016 9:11

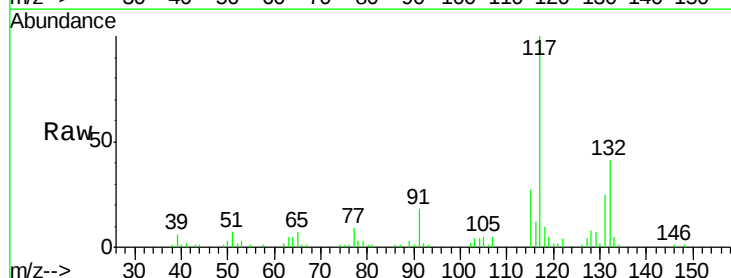
Tgt Ion:122 Resp: 10000

Ion Ratio Lower Upper

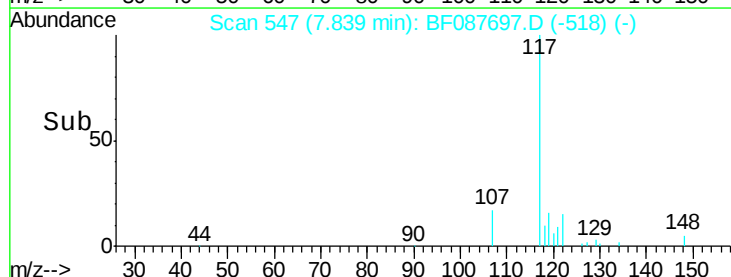
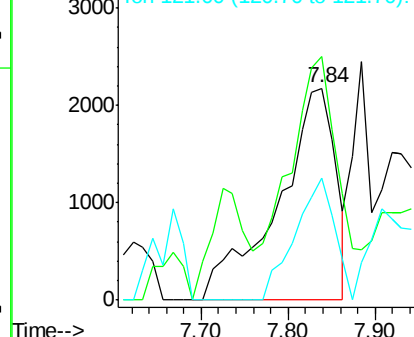
122 100

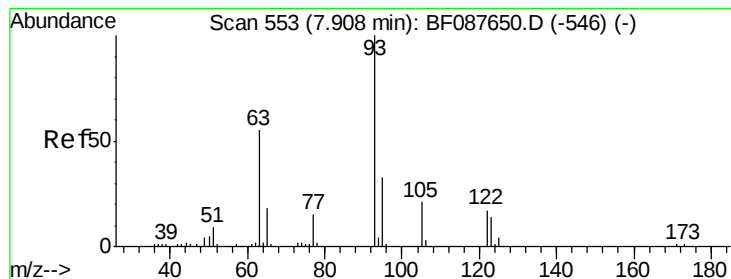
107 114.8 82.4 123.6

121 57.5 46.3 69.5



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E





#28

bis(2-Chloroethoxy)methane

Concen: 2.09 ng

RT: 7.91 min Scan# 553

Delta R.T. -0.00 min

Lab File: BF087697.D

Acq: 5 Jun 2016 9:11

Instrument :

BNA_F

ClientSampleId :

MW-14

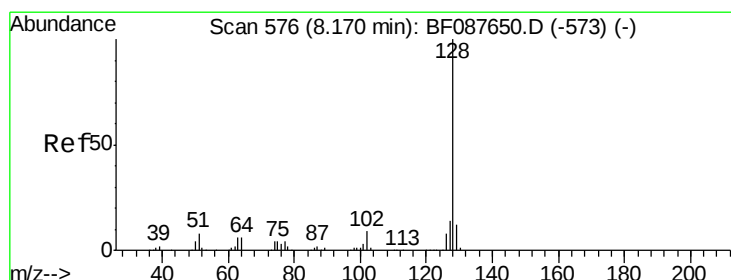
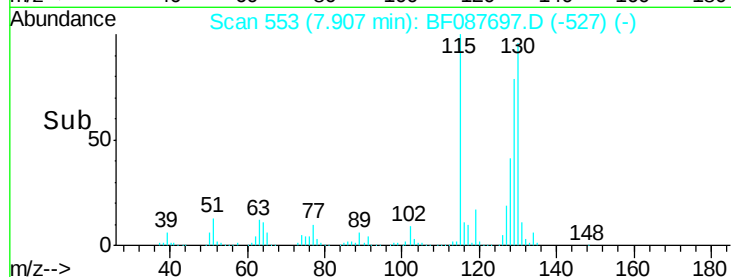
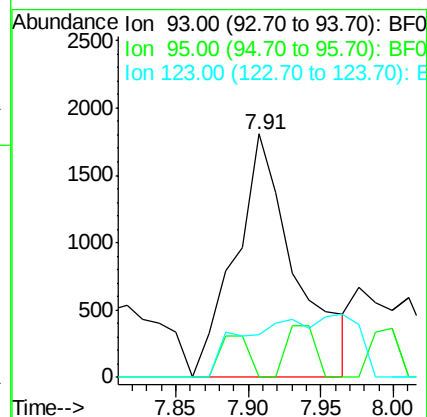
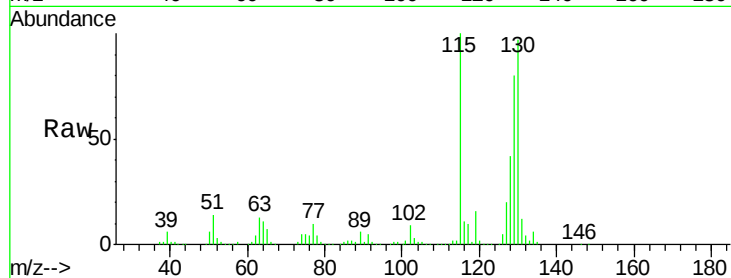
Tgt Ion: 93 Resp: 5178

Ion Ratio Lower Upper

93 100

95 0.0 26.5 39.7#

123 17.6 11.6 17.4#



#31

Naphthalene

Concen: 3216.64 ng

RT: 8.28 min Scan# 586

Delta R.T. 0.11 min

Lab File: BF087697.D

Acq: 5 Jun 2016 9:11

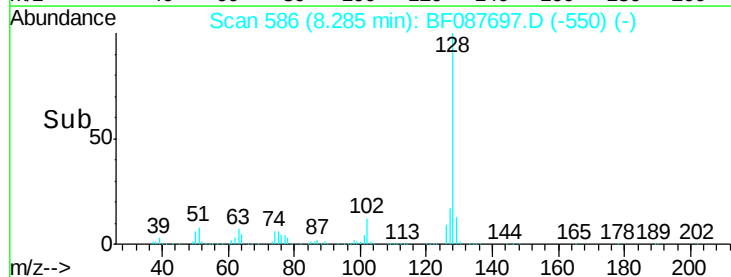
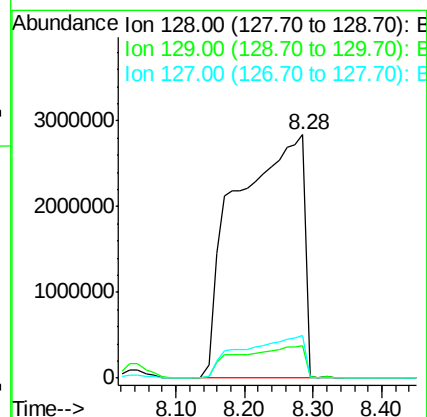
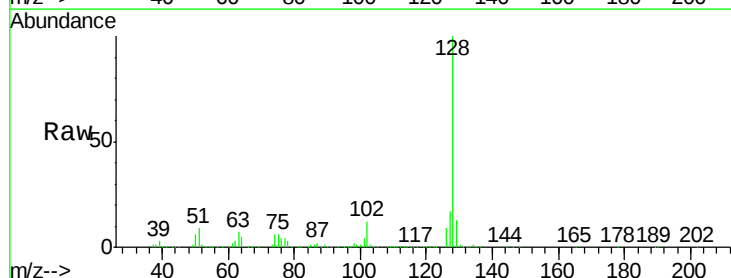
Tgt Ion: 128 Resp: 19390474

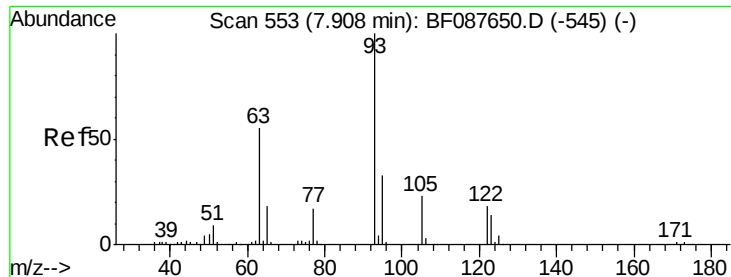
Ion Ratio Lower Upper

128 100

129 13.5 9.4 14.2

127 17.4 10.9 16.3#





#32

Benzoic acid

Concen: 3.27 ng

RT: 7.88 min Scan# 551

Delta R.T. -0.02 min

Lab File: BF087697.D

Acq: 5 Jun 2016 9:11

Instrument :

BNA_F

ClientSampleId :

MW-14

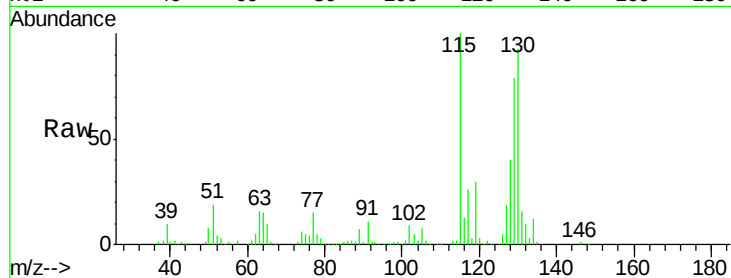
Tgt Ion:122 Resp: 4075

Ion Ratio Lower Upper

122 100

105 406.7 101.6 141.6#

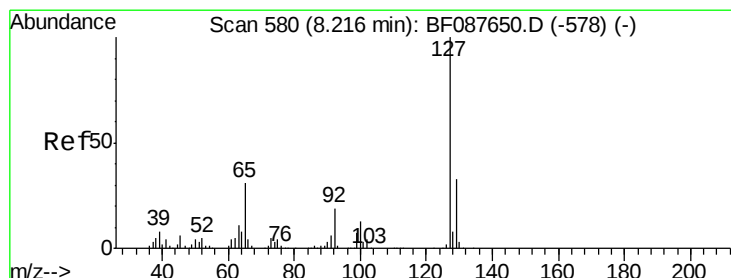
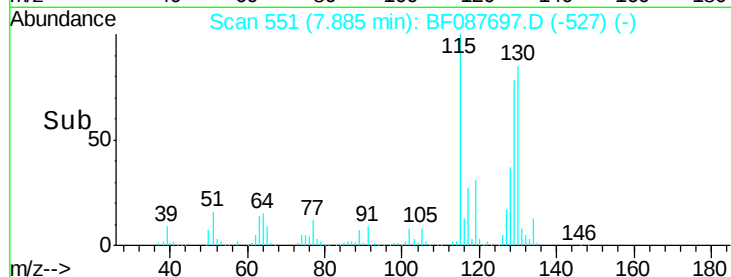
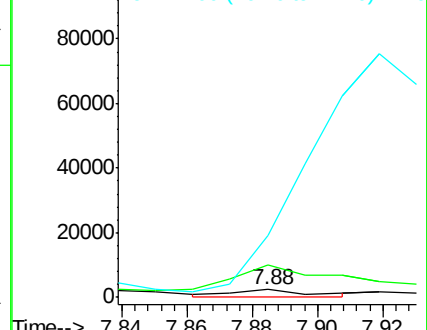
77 784.3 70.6 110.6#



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: 1185.42 ng

RT: 8.28 min Scan# 586

Delta R.T. 0.07 min

Lab File: BF087697.D

Acq: 5 Jun 2016 9:11

Tgt Ion:127 Resp: 3104137

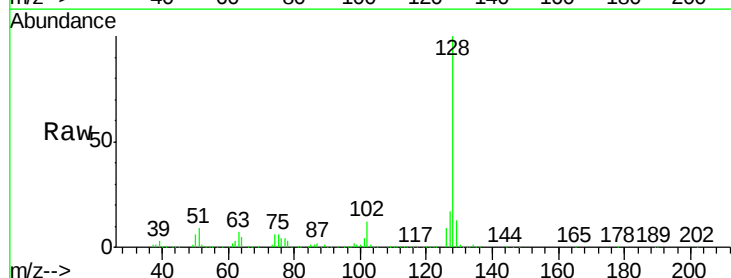
Ion Ratio Lower Upper

127 100

129 77.3 26.3 39.5#

65 0.0 24.7 37.1#

92 0.0 15.4 23.0#

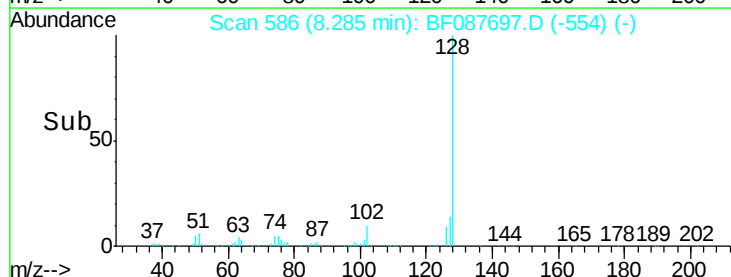
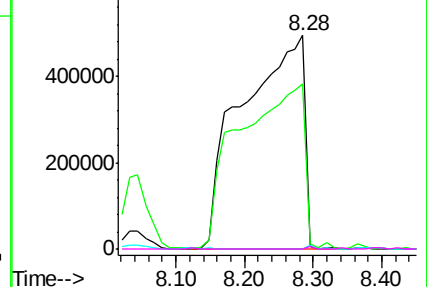


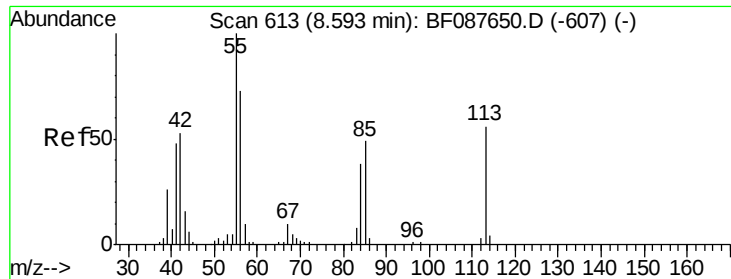
Abundance Ion 127.00 (126.70 to 127.70): E

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

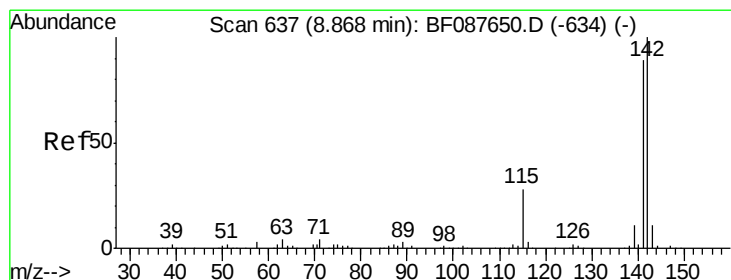
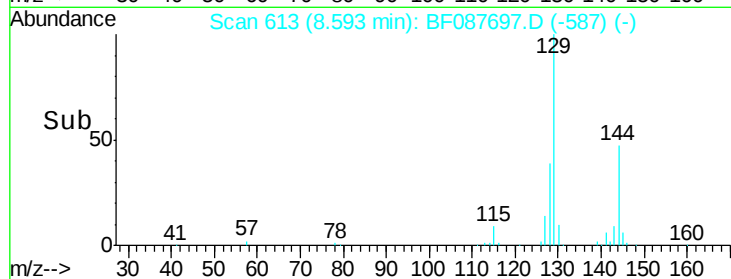
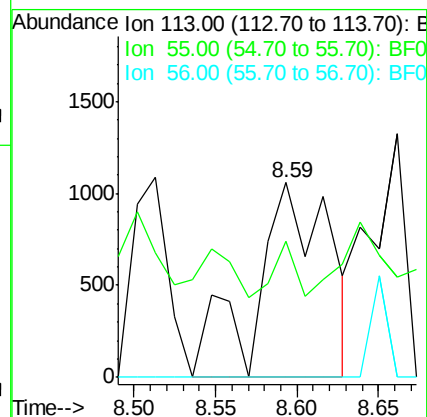
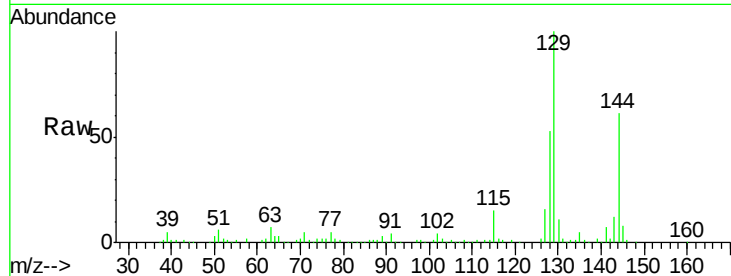




#35
 Caprolactam
 Concen: 5.97 ng
 RT: 8.59 min Scan# 613
 Delta R.T. -0.00 min
 Lab File: BF087697.D
 Acq: 5 Jun 2016 9:11

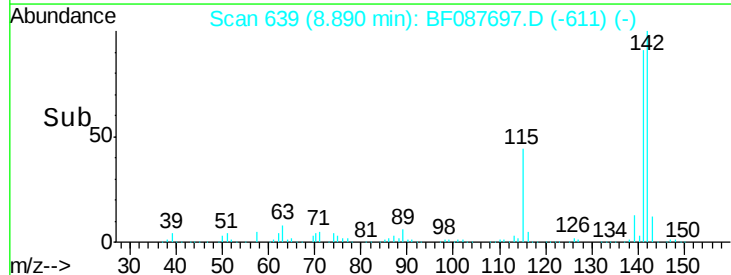
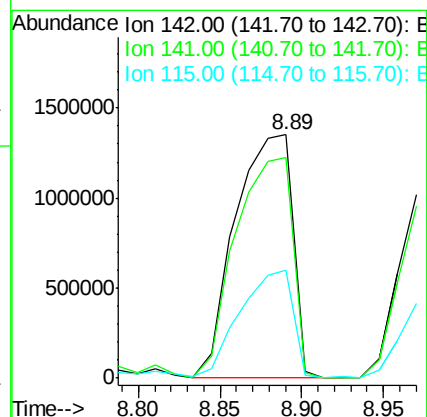
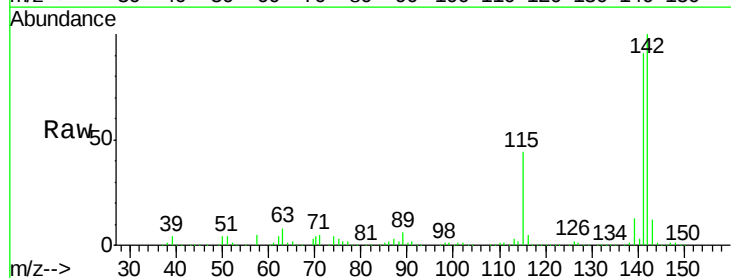
Instrument :
 BNA_F
 ClientSampleId :
 MW-14

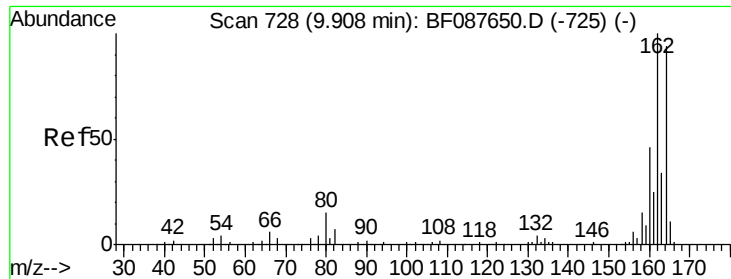
Tgt Ion:113 Resp: 3326
 Ion Ratio Lower Upper
 113 100
 55 69.9 158.6 198.6#
 56 0.0 110.6 150.6#



#37
 2-Methylnaphthalene
 Concen: 826.75 ng
 RT: 8.89 min Scan# 639
 Delta R.T. 0.02 min
 Lab File: BF087697.D
 Acq: 5 Jun 2016 9:11

Tgt Ion:142 Resp: 3291138
 Ion Ratio Lower Upper
 142 100
 141 90.7 71.0 106.6
 115 44.2 22.6 33.8#

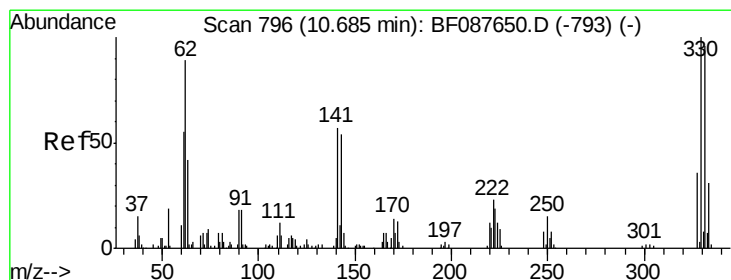
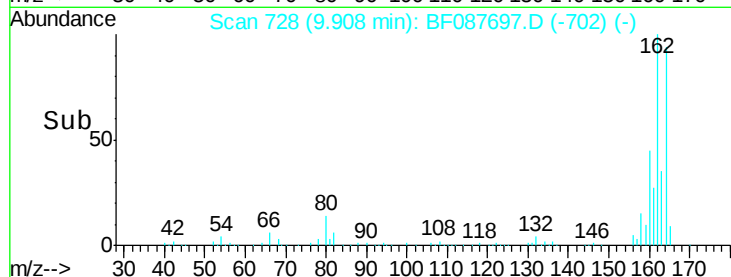
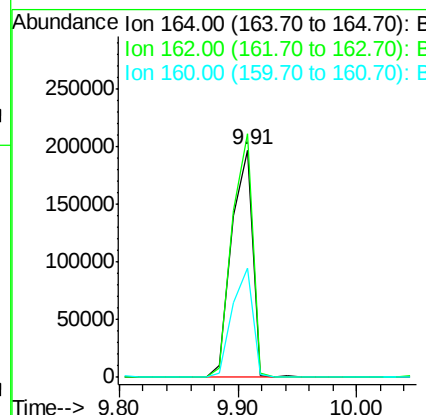
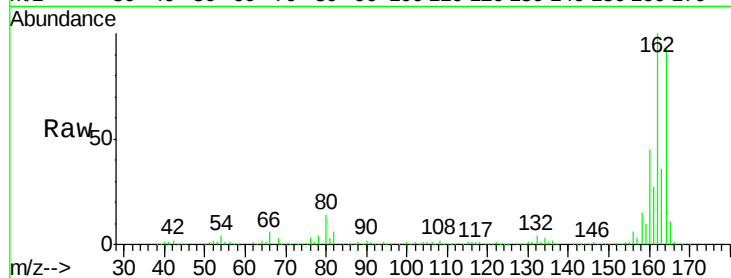




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.91 min Scan# 728
 Delta R.T. -0.00 min
 Lab File: BF087697.D
 Acq: 5 Jun 2016 9:11

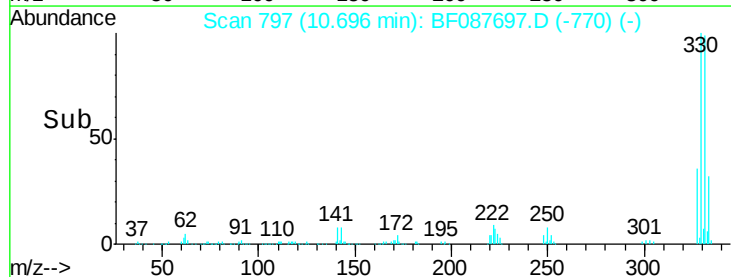
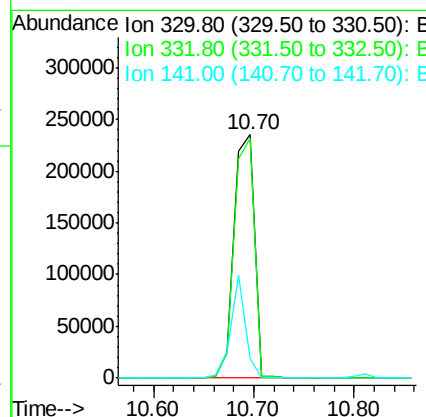
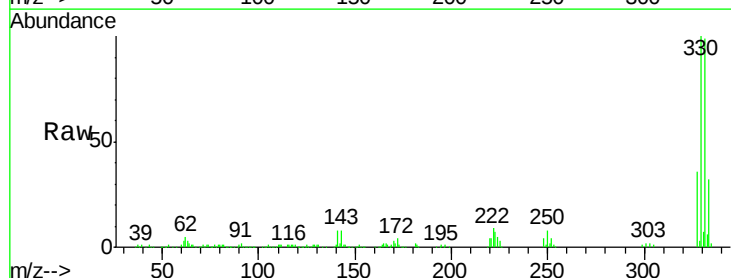
Instrument :
 BNA_F
 ClientSampleId :
 MW-14

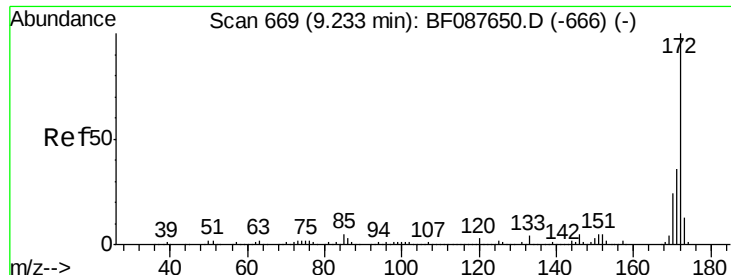
Tgt Ion:164 Resp: 241678
 Ion Ratio Lower Upper
 164 100
 162 107.2 85.4 128.2
 160 48.3 39.5 59.3



#41
 2,4,6-Tribromophenol
 Concen: 137.55 ng
 RT: 10.70 min Scan# 797
 Delta R.T. 0.01 min
 Lab File: BF087697.D
 Acq: 5 Jun 2016 9:11

Tgt Ion:330 Resp: 333701
 Ion Ratio Lower Upper
 330 100
 332 97.6 0.0 0.0#
 141 30.3 0.0 0.0#

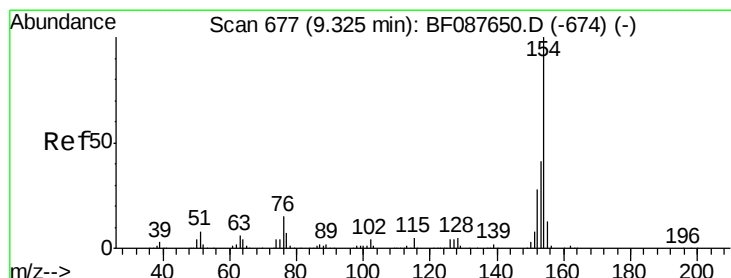
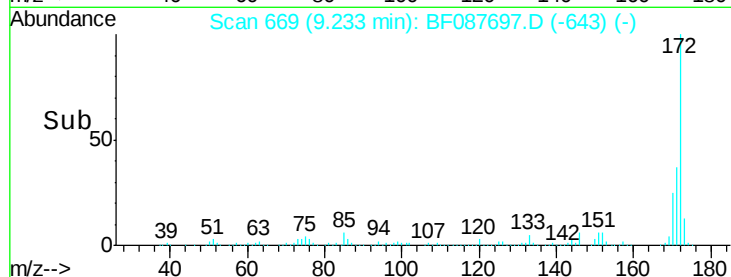
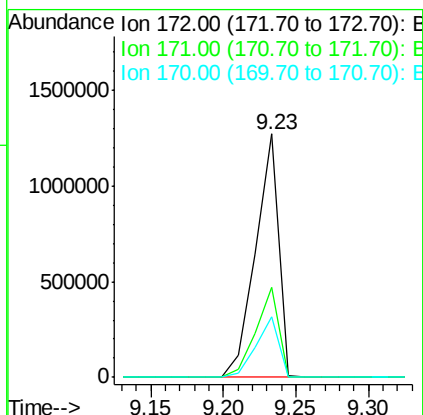
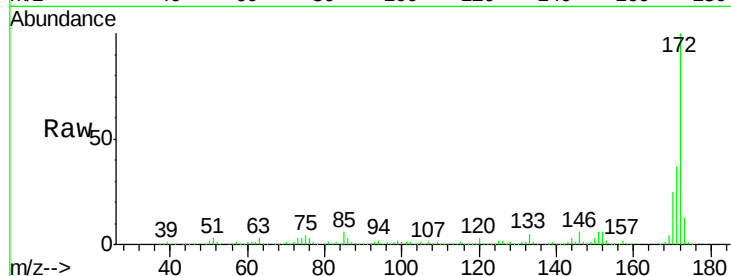




#44
 2-Fluorobiphenyl
 Concen: 91.12 ng
 RT: 9.23 min Scan# 669
 Delta R.T. 0.00 min
 Lab File: BF087697.D
 Acq: 5 Jun 2016 9:11

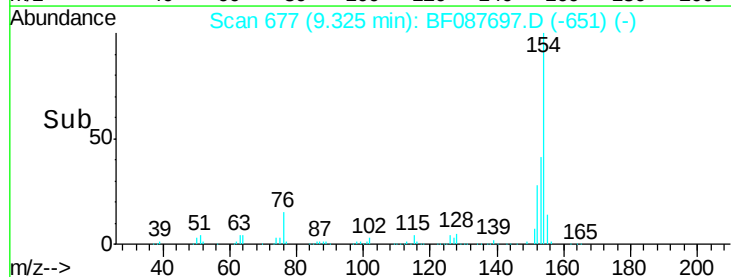
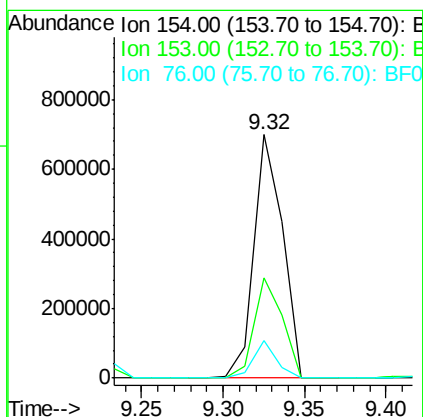
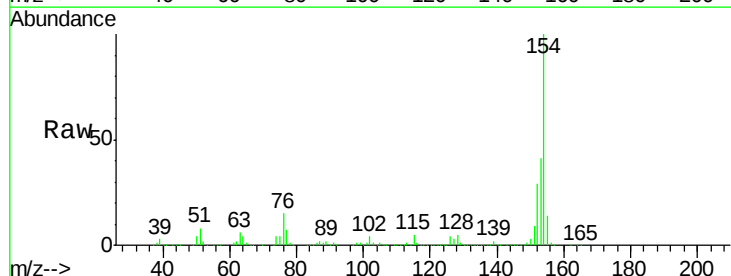
Instrument :
 BNA_F
 ClientSampleId :
 MW-14

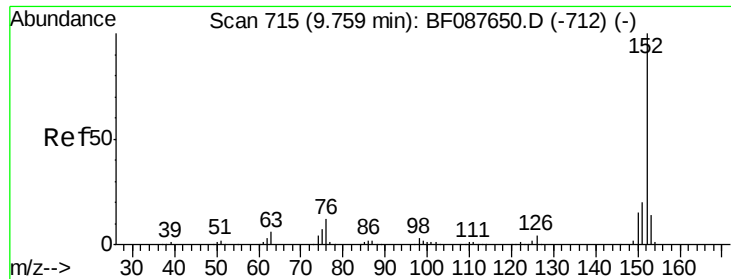
Tgt Ion:172 Resp: 1401090
 Ion Ratio Lower Upper
 172 100
 171 37.0 28.6 43.0
 170 25.1 19.2 28.8



#45
 1,1'-Biphenyl
 Concen: 43.51 ng
 RT: 9.32 min Scan# 677
 Delta R.T. 0.00 min
 Lab File: BF087697.D
 Acq: 5 Jun 2016 9:11

Tgt Ion:154 Resp: 853318
 Ion Ratio Lower Upper
 154 100
 153 40.9 20.6 60.6
 76 15.2 0.0 35.1





#48

Acenaphthylene

Concen: 148.96 ng

RT: 9.78 min Scan# 717

Delta R.T. 0.02 min

Lab File: BF087697.D

Acq: 5 Jun 2016 9:11

Instrument :

BNA_F

ClientSampleId :

MW-14

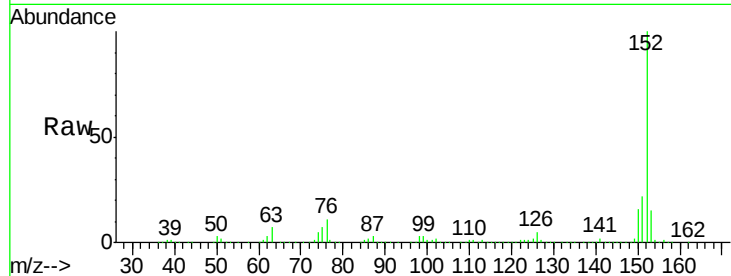
Tgt Ion:152 Resp: 3627109

Ion Ratio Lower Upper

152 100

151 22.3 16.2 24.4

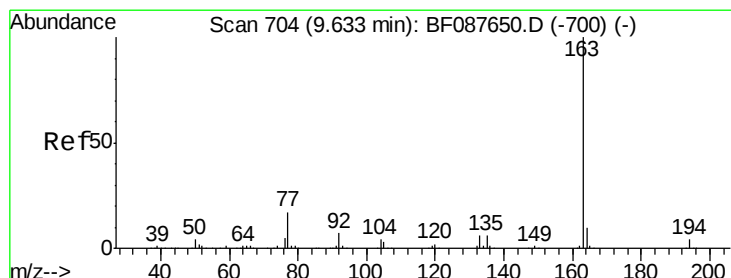
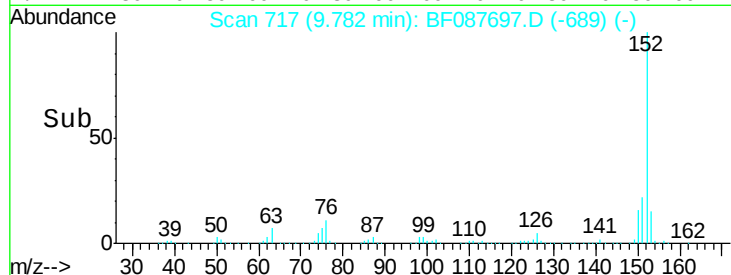
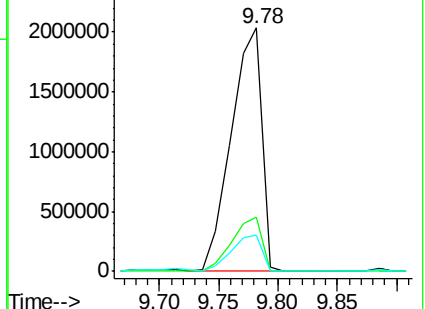
153 15.0 11.0 16.6



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: 2.85 ng

RT: 9.62 min Scan# 703

Delta R.T. -0.01 min

Lab File: BF087697.D

Acq: 5 Jun 2016 9:11

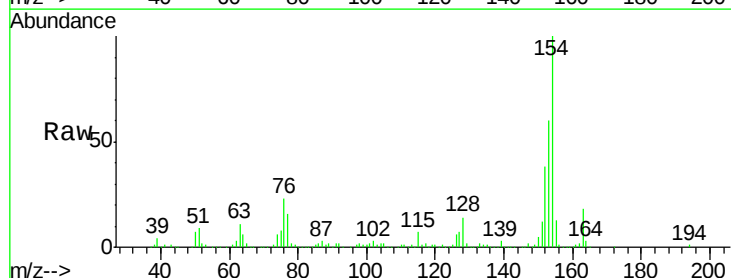
Tgt Ion:163 Resp: 50078

Ion Ratio Lower Upper

163 100

194 2.7 2.8 4.2#

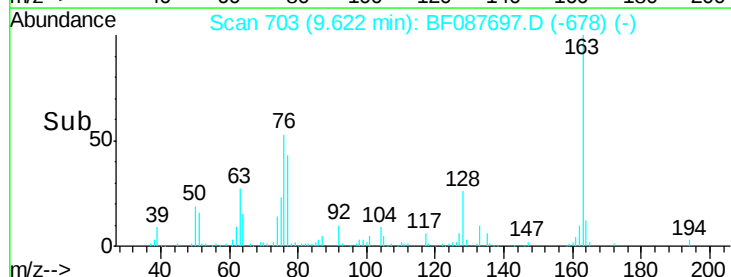
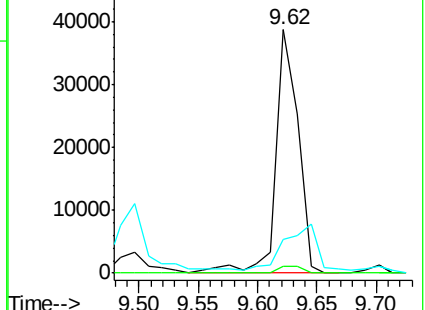
164 13.8 8.3 12.5#

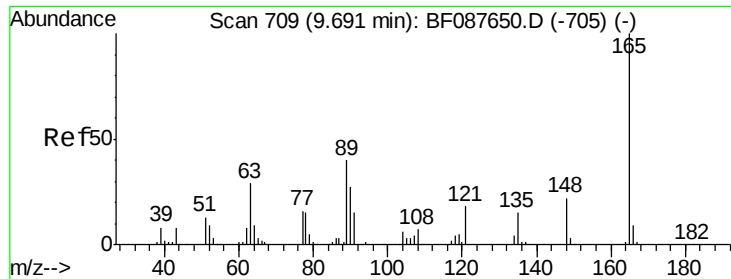


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

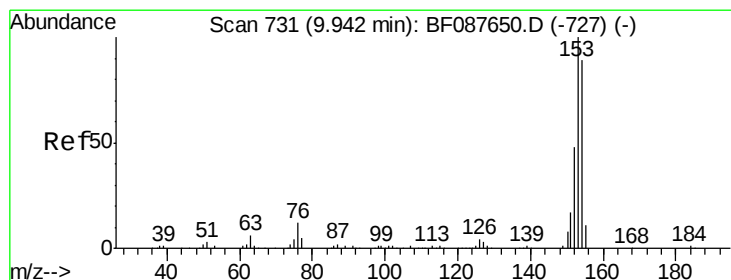
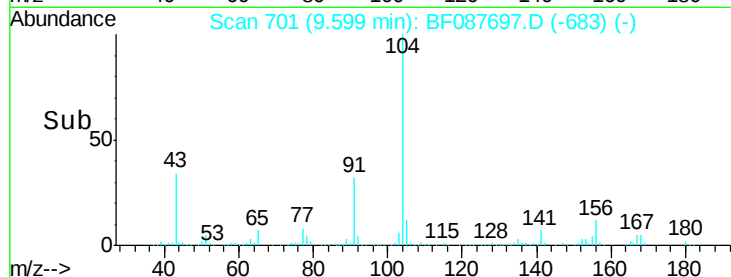
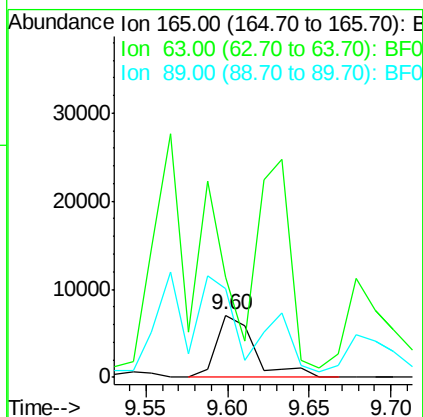
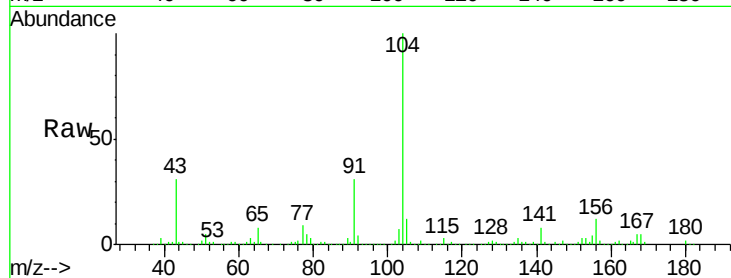




#50
2,6-Dinitrotoluene
Concen: 2.83 ng
RT: 9.60 min Scan# 701
Delta R.T. -0.09 min
Lab File: BF087697.D
Acq: 5 Jun 2016 9:11

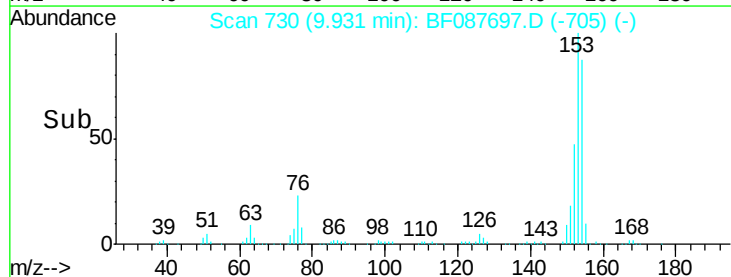
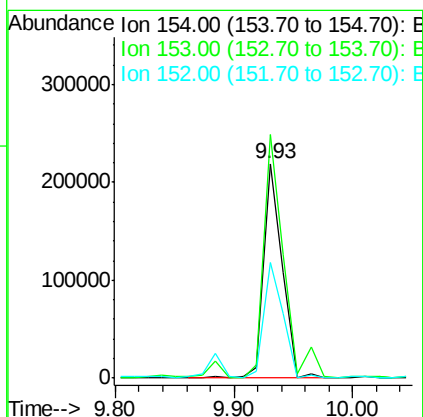
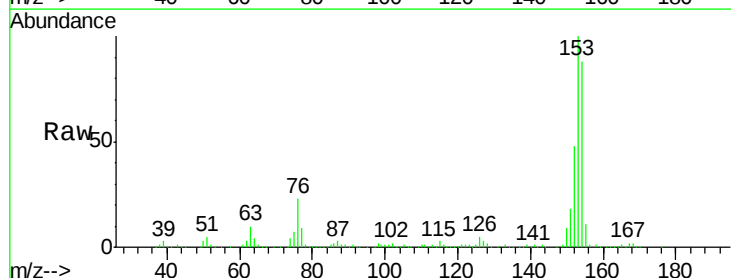
Instrument :
BNA_F
ClientSampleId :
MW-14

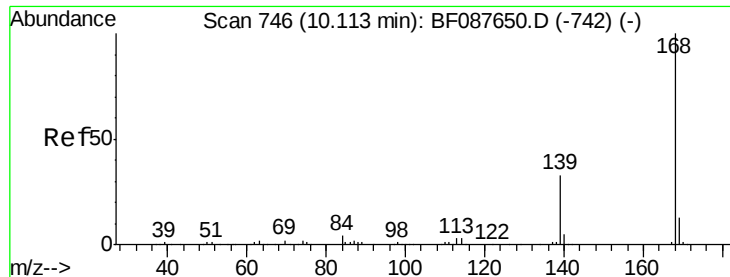
Tgt Ion:165 Resp: 11309
Ion Ratio Lower Upper
165 100
63 161.7 28.1 42.1#
89 143.6 32.2 48.2#



#51
Acenaphthene
Concen: 15.28 ng
RT: 9.93 min Scan# 730
Delta R.T. -0.01 min
Lab File: BF087697.D
Acq: 5 Jun 2016 9:11

Tgt Ion:154 Resp: 239405
Ion Ratio Lower Upper
154 100
153 113.6 89.5 134.3
152 54.2 42.7 64.1





#54

Dibenzenofuran

Concen: 3.38 ng

RT: 10.10 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF087697.D

Acq: 5 Jun 2016 9:11

Instrument :

BNA_F

ClientSampleId :

MW-14

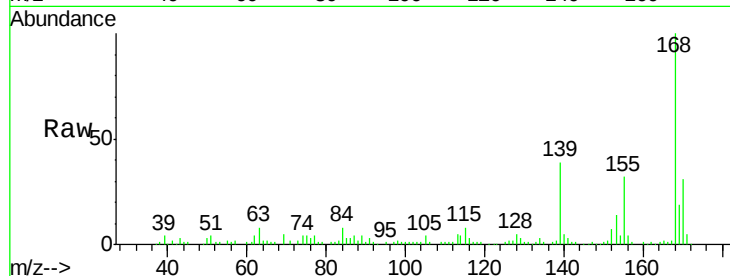
Tgt Ion:168 Resp: 72144

Ion Ratio Lower Upper

168 100

139 38.7 26.4 39.6

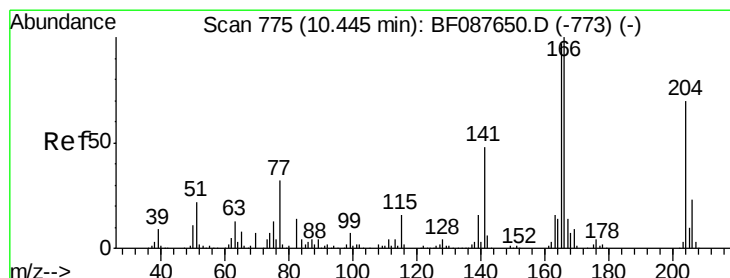
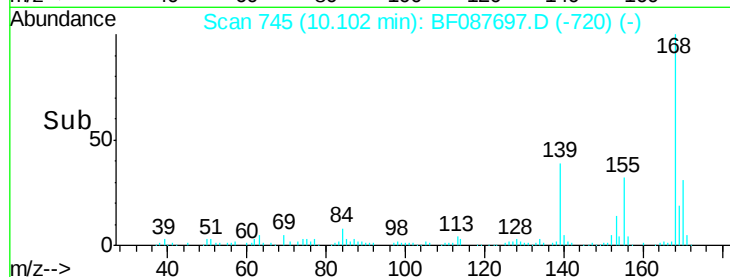
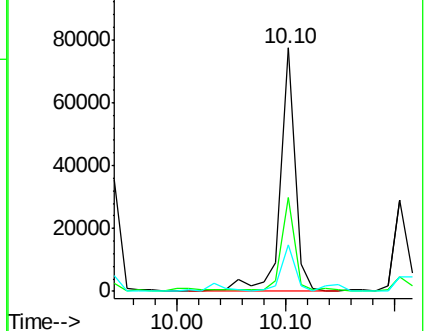
169 18.8 10.4 15.6#



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: 35.65 ng

RT: 10.44 min Scan# 775

Delta R.T. 0.00 min

Lab File: BF087697.D

Acq: 5 Jun 2016 9:11

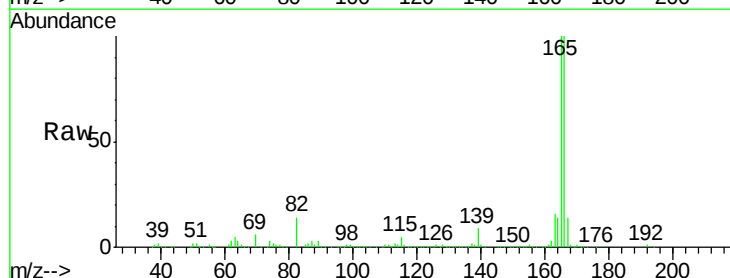
Tgt Ion:166 Resp: 594379

Ion Ratio Lower Upper

166 100

165 99.5 77.8 116.8

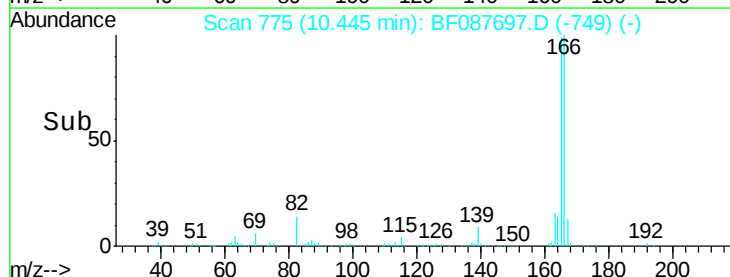
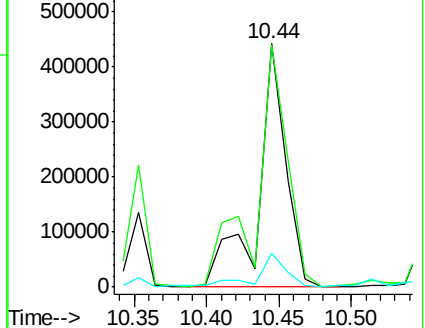
167 13.6 11.2 16.8

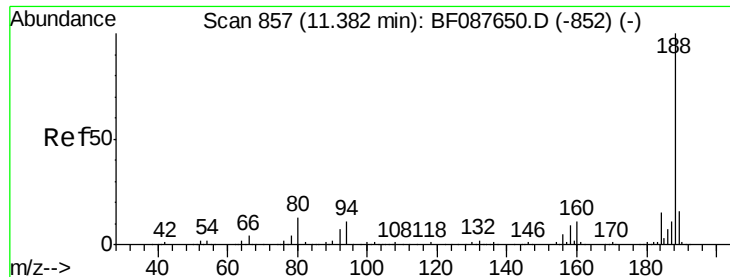


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

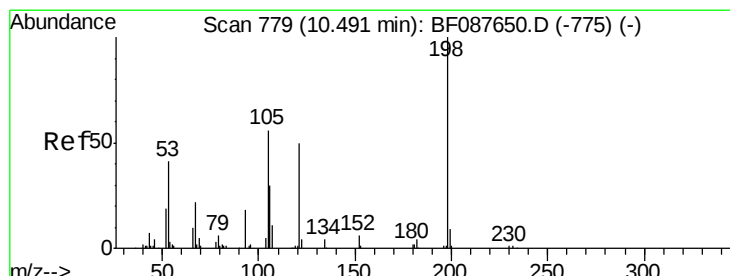
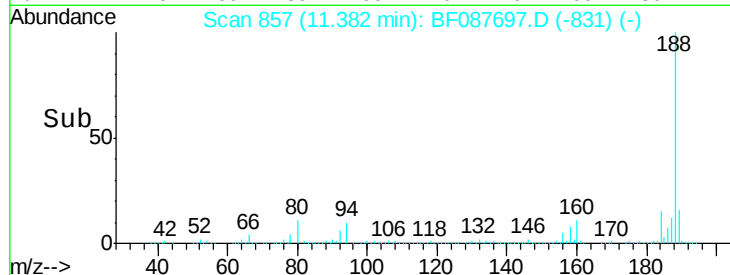
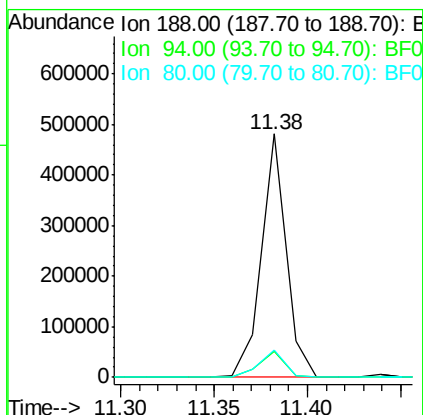
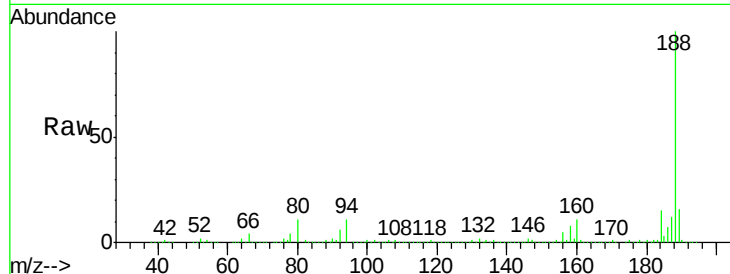




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.38 min Scan# 857
Delta R.T. -0.00 min
Lab File: BF087697.D
Acq: 5 Jun 2016 9:11

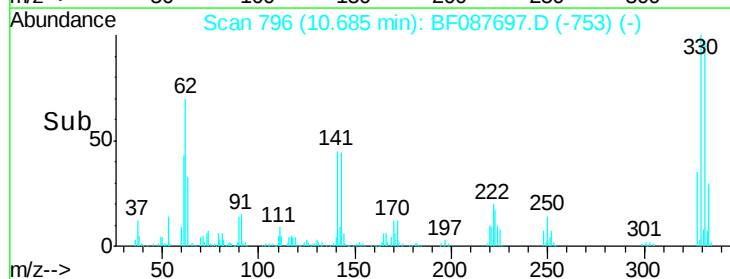
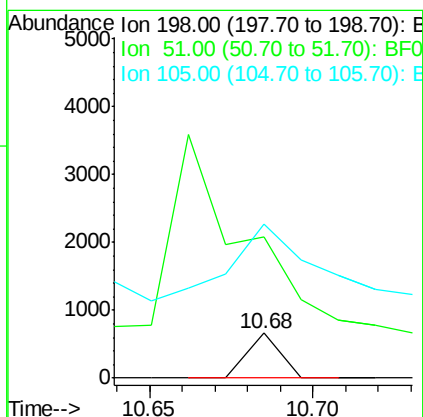
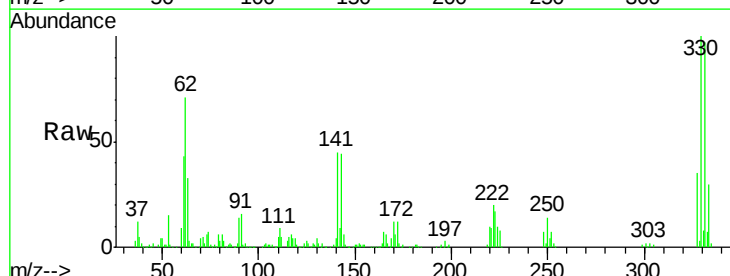
Instrument :
BNA_F
ClientSampleId :
MW-14

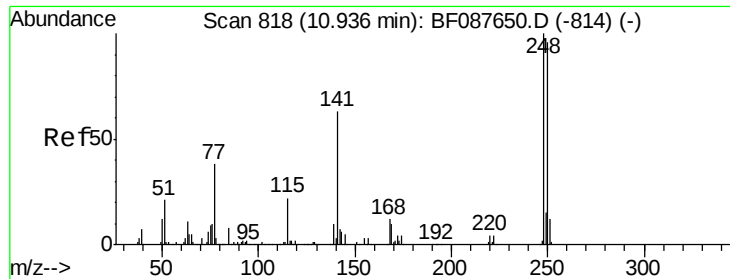
Tgt Ion:188 Resp: 439765
Ion Ratio Lower Upper
188 100
94 10.5 9.0 13.6
80 11.1 10.0 15.0



#64
4,6-Dinitro-2-methylphenol
Concen: 2.19 ng
RT: 10.68 min Scan# 796
Delta R.T. 0.19 min
Lab File: BF087697.D
Acq: 5 Jun 2016 9:11

Tgt Ion:198 Resp: 451
Ion Ratio Lower Upper
198 100
51 315.3 39.6 79.6#
105 345.1 36.6 76.6#

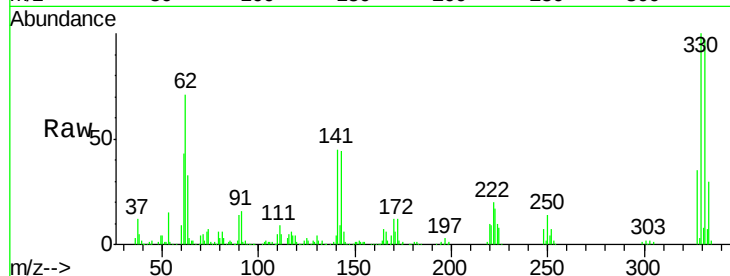




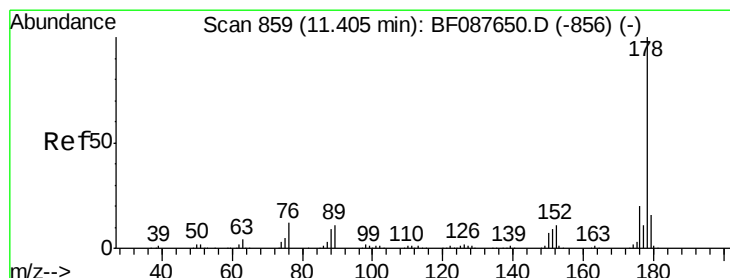
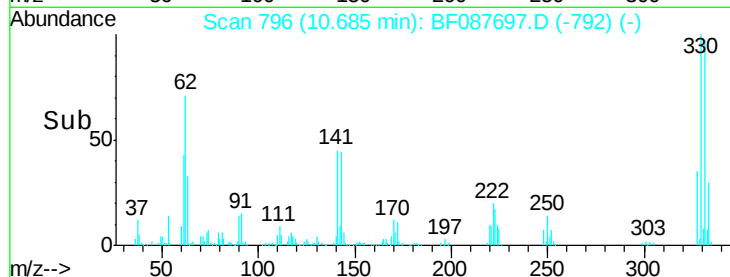
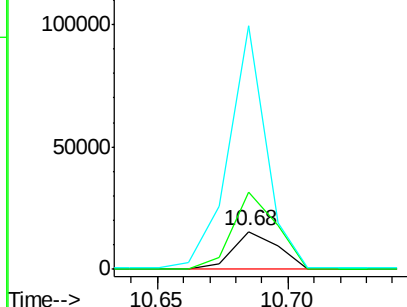
#66
4-Bromophenyl-phenylether
Concen: 4.29 ng
RT: 10.68 min Scan# 796
Delta R.T. -0.25 min
Lab File: BF087697.D
Acq: 5 Jun 2016 9:11

Instrument :
BNA_F
ClientSampleId :
MW-14

Tgt Ion:248 Resp: 18720
Ion Ratio Lower Upper
248 100
250 201.7 77.1 115.7#
141 639.4 50.6 76.0#

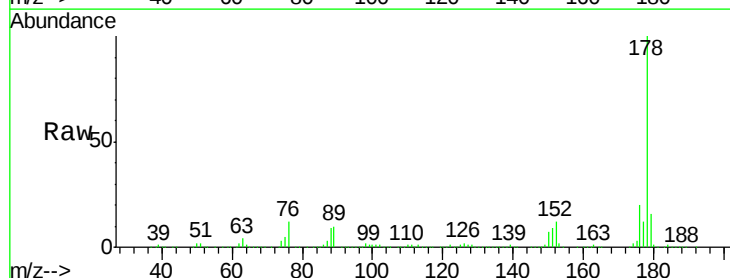


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

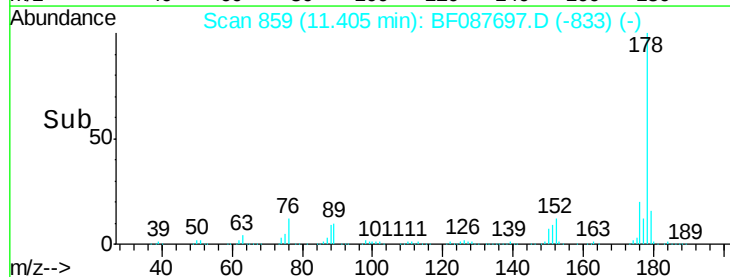
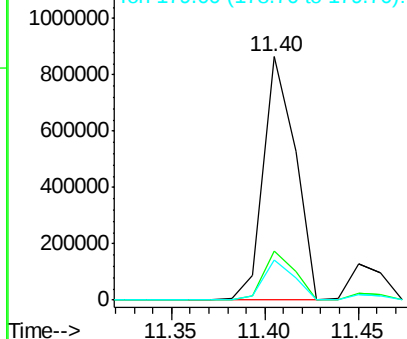


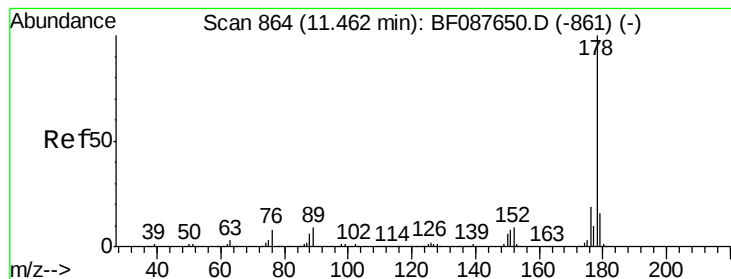
#70
Phenanthrene
Concen: 42.98 ng
RT: 11.40 min Scan# 859
Delta R.T. -0.00 min
Lab File: BF087697.D
Acq: 5 Jun 2016 9:11

Tgt Ion:178 Resp: 1024806
Ion Ratio Lower Upper
178 100
176 20.2 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: 6.80 ng

RT: 11.45 min Scan# 863

Delta R.T. -0.01 min

Lab File: BF087697.D

Acq: 5 Jun 2016 9:11

Instrument :

BNA_F

ClientSampleId :

MW-14

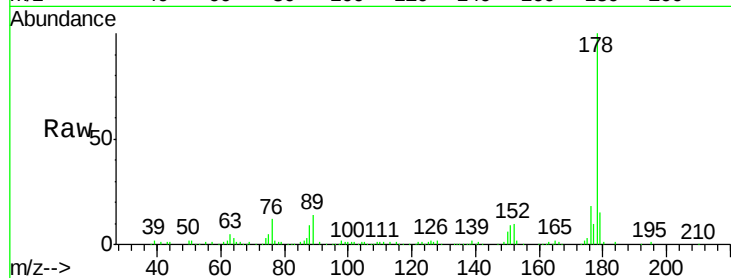
Tgt Ion:178 Resp: 162432

Ion Ratio Lower Upper

178 100

176 18.5 15.6 23.4

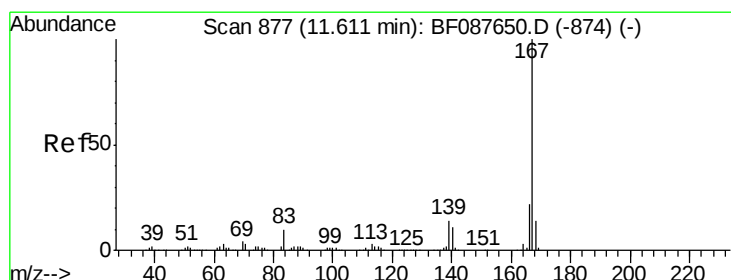
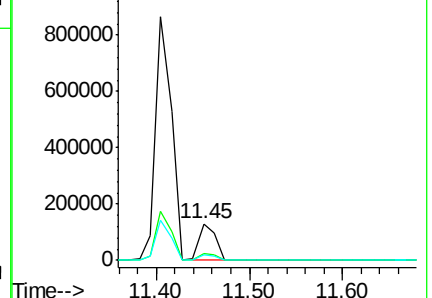
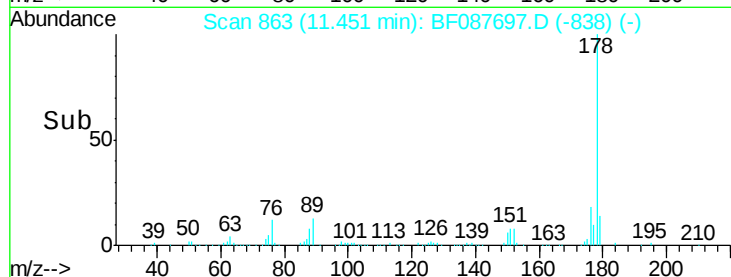
179 15.4 12.8 19.2



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: 4.91 ng

RT: 11.61 min Scan# 877

Delta R.T. -0.00 min

Lab File: BF087697.D

Acq: 5 Jun 2016 9:11

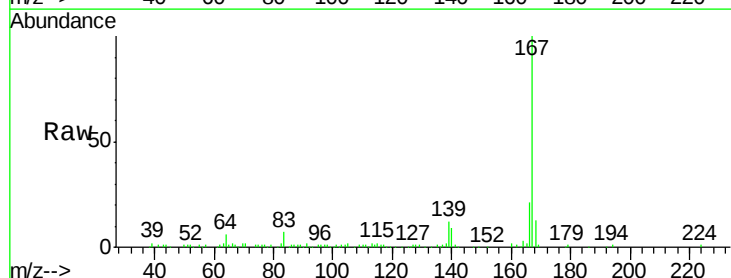
Tgt Ion:167 Resp: 111016

Ion Ratio Lower Upper

167 100

166 20.9 17.8 26.6

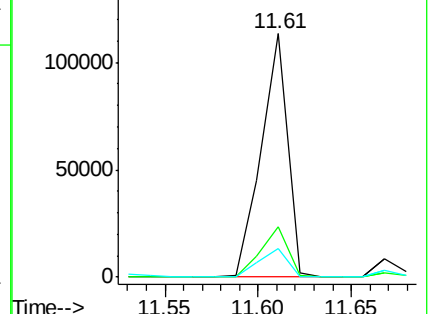
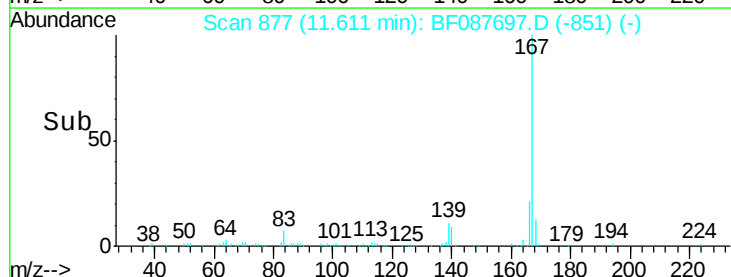
139 11.6 11.2 16.8

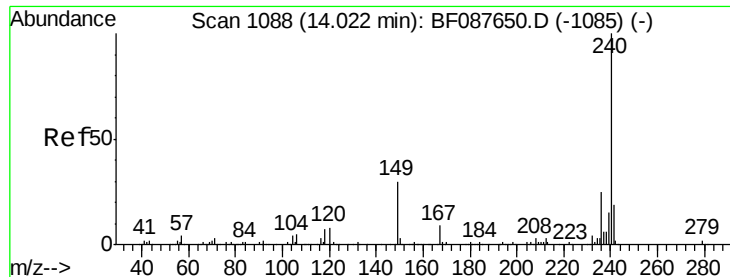


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.01 min Scan# 1087

Delta R.T. -0.01 min

Lab File: BF087697.D

Acq: 5 Jun 2016 9:11

Instrument :

BNA_F

ClientSampleId :

MW-14

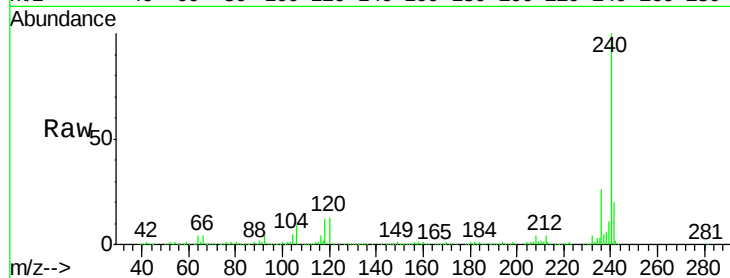
Tgt Ion:240 Resp: 340713

Ion Ratio Lower Upper

240 100

120 13.5 6.8 10.2#

236 26.2 20.2 30.2

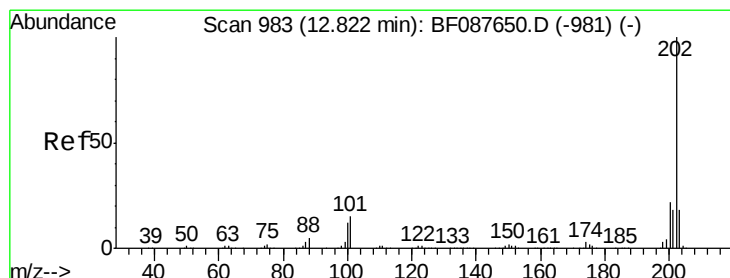
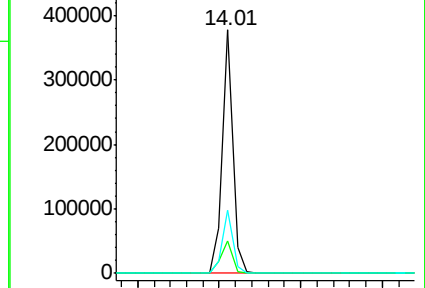
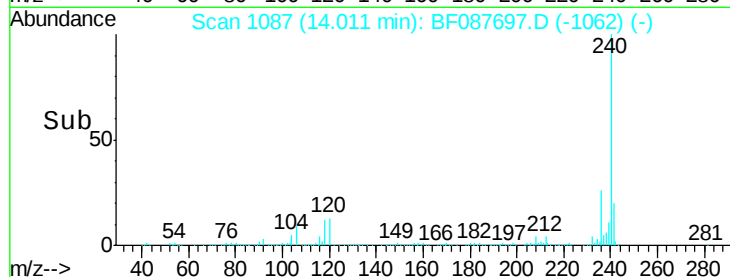


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

14.01



#77

Pyrene

Concen: 2.31 ng

RT: 12.81 min Scan# 982

Delta R.T. -0.01 min

Lab File: BF087697.D

Acq: 5 Jun 2016 9:11

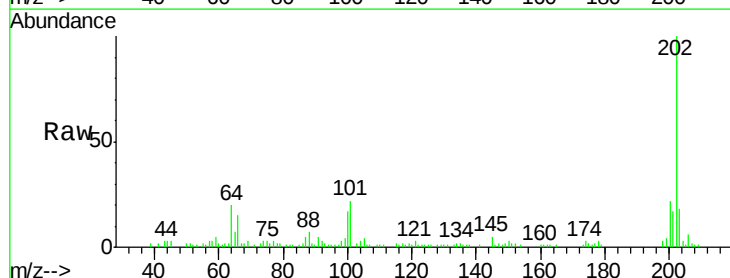
Tgt Ion:202 Resp: 55954

Ion Ratio Lower Upper

202 100

200 22.2 17.4 26.2

203 18.4 14.5 21.7

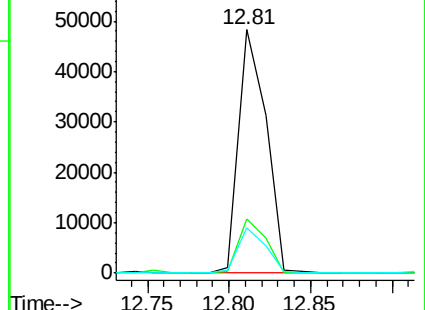
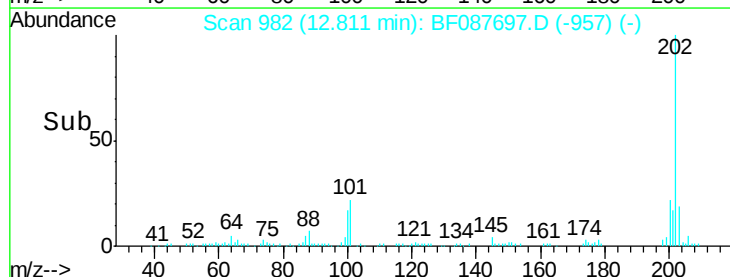


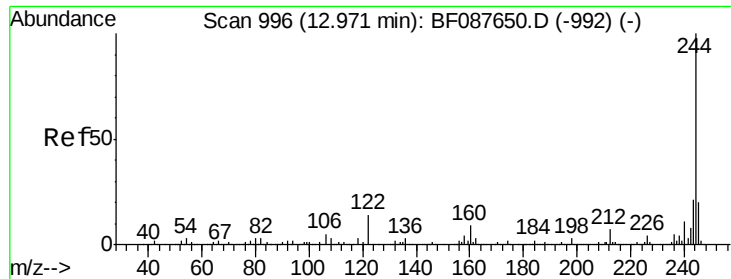
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

12.81

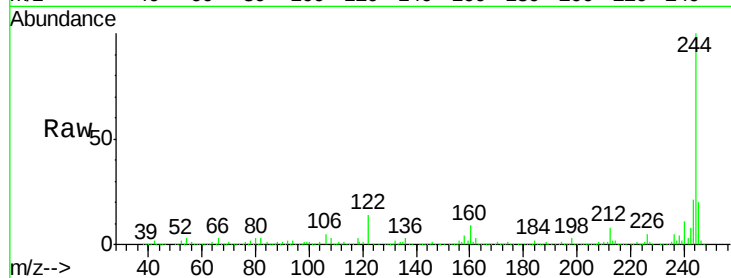




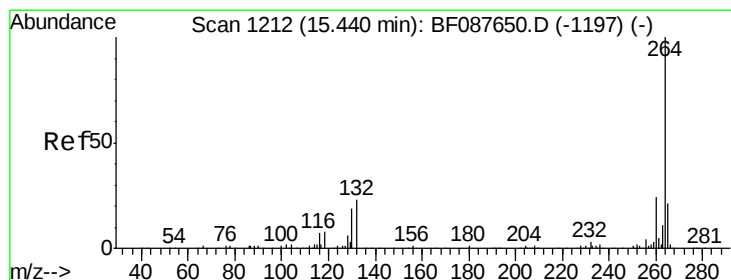
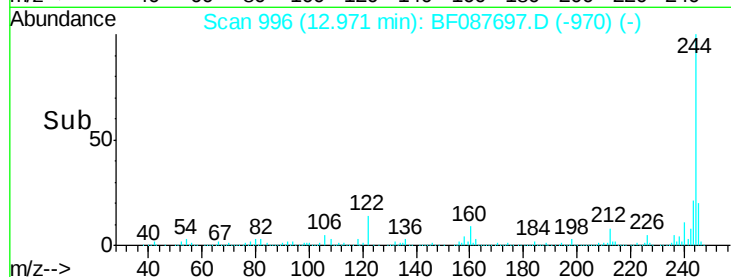
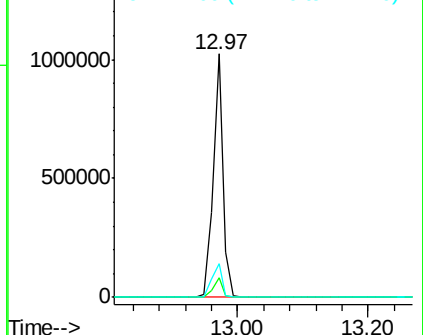
#78
 Terphenyl-d14
 Concen: 78.22 ng
 RT: 12.97 min Scan# 996
 Delta R.T. 0.00 min
 Lab File: BF087697.D
 Acq: 5 Jun 2016 9:11

Instrument :
 BNA_F
 ClientSampled :
 MW-14

Tgt Ion:244 Resp: 1092175
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.0 9.0
 122 14.0 11.2 16.8

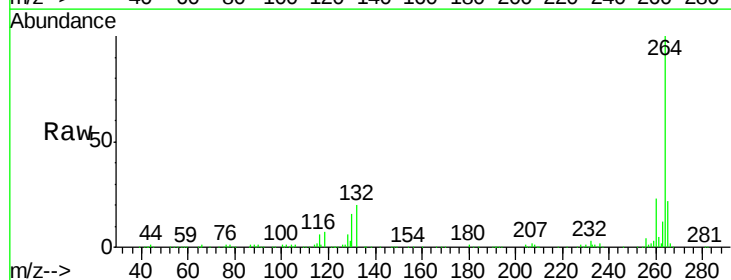


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.44 min Scan# 1212
 Delta R.T. -0.00 min
 Lab File: BF087697.D
 Acq: 5 Jun 2016 9:11

Tgt Ion:264 Resp: 264901
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.2 28.8
 265 21.7 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

