

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092615\
 Data File : BF081823.D
 Acq On : 26 Sep 2015 12:53
 Operator : UM/IZ
 Sample : G3654-02
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-2B

Quant Time: Sep 28 03:11:23 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 25 06:02:49 2015
 Response via : Initial Calibration

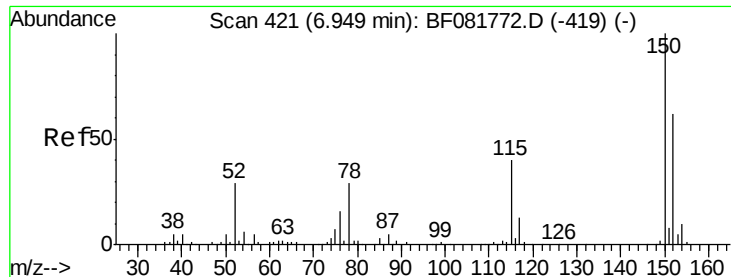
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	124247	20.00	ng	-0.01
21) Naphthalene-d8	8.24	136	313451	20.00	ng	0.00
38) Acenaphthene-d10	9.98	164	231464	20.00	ng	-0.02
63) Phenanthrene-d10	11.47	188	434878	20.00	ng	0.00
75) Chrysene-d12	14.12	240	367033	20.00	ng	0.00
86) Perylene-d12	15.58	264	320893	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.53	112	257906	35.12	ng	-0.01
7) Phenol-d6	6.56	99	355788	38.30	ng	-0.01
23) Nitrobenzene-d5	7.51	82	729479	153.55	ng	-0.01
41) 2,4,6-Tribromophenol	10.78	330	318560	158.52	ng	-0.01
44) 2-Fluorobiphenyl	9.30	172	1137088	80.64	ng	-0.01
78) Terphenyl-d14	13.06	244	1317700	82.01	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.46	77	190344	34.66	ng	# 1
10) Phenol	6.57	94	27793	2.58	ng	79
18) Hexachloroethane	7.47	117	136319	43.20	ng	# 58
20) 3+4-Methylphenols	7.34	107	21284	2.48	ng	# 53
22) Acetophenone	7.35	105	87810	12.77	ng	# 84
24) Nitrobenzene	7.55	77	12224	2.31	ng	# 1
27) 2,4-Dimethylphenol	7.89	122	10898	2.28	ng	# 73
28) bis(2-Chloroethoxy)methane	8.00	93	19582	3.19	ng	# 67
31) Naphthalene	8.30	128	10723225	741.56	ng	# 90
32) Benzoic acid	7.99	122	78792	84.78	ng	# 48
33) 4-Chloroaniline	8.29	127	1768850	278.72	ng	# 35
35) Caprolactam	8.71	113	4831	4.07	ng	# 74
37) 2-Methylnaphthalene	8.95	142	1723305	167.23	ng	# 86
45) 1,1'-Biphenyl	9.41	154	899760	49.72	ng	94
48) Acenaphthylene	9.85	152	2433032	98.75	ng	# 91
50) 2,6-Dinitrotoluene	9.68	165	11024	3.24	ng	# 74
51) Acenaphthene	10.01	154	452183	31.85	ng	88
53) 2,4-Dinitrophenol	10.13	184	248	Below Cal		# 1
54) Dibenzofuran	10.18	168	86056	4.13	ng	# 86
55) 4-Nitrophenol	9.97	139	6914	2.72	ng	85
56) 2,4-Dinitrotoluene	10.16	165	11199	2.75	ng	# 72
57) Fluorene	10.54	166	813350	50.89	ng	90
64) 4,6-Dinitro-2-methylphenol	10.50	198	287	7.85	ng	# 1
66) 4-Bromophenyl-phenylether	10.78	248	19385	4.00	ng	# 1
69) Pentachlorophenol	11.27	266	2912	6.61	ng	96
70) Phenanthrene	11.54	178	288102	11.59	ng	98
71) Anthracene	11.54	178	288102	12.03	ng	98
72) Carbazole	11.70	167	50031	2.25	ng	94
74) Fluoranthene	12.69	202	217480	8.68	ng	86
77) Pyrene	12.91	202	265999	9.61	ng	98

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

```
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Data File : BF081823.D  
Acq On    : 26 Sep 2015   12:53  
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Sample    : G3654-02  
Misc      :  
ALS Vial  : 37      Sample Multiplier: 1
```



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.94 min Scan# 420

Delta R.T. -0.01 min

Lab File: BF081823.D

Acq: 26 Sep 2015 12:53

Instrument :

BNA_F

ClientSampleId :

MW-2B

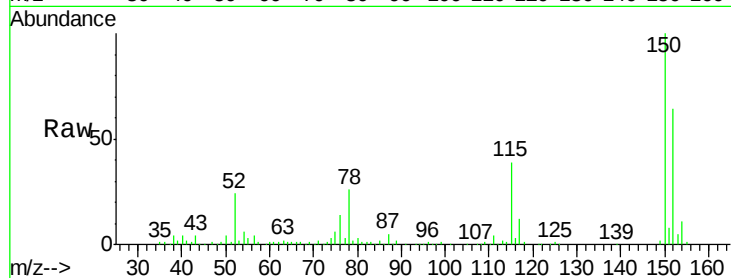
Tgt Ion:152 Resp: 124247

Ion Ratio Lower Upper

152 100

150 156.2 124.7 187.1

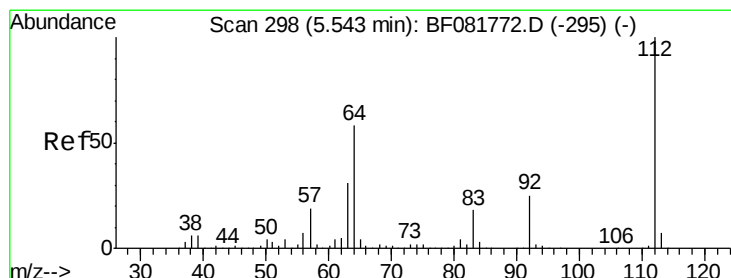
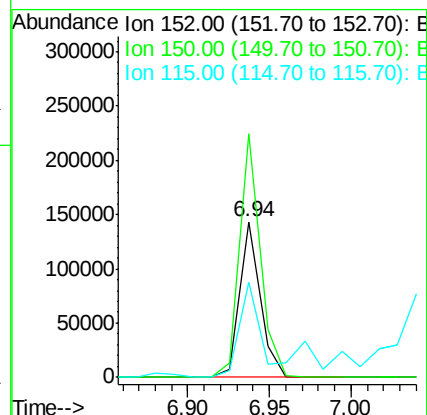
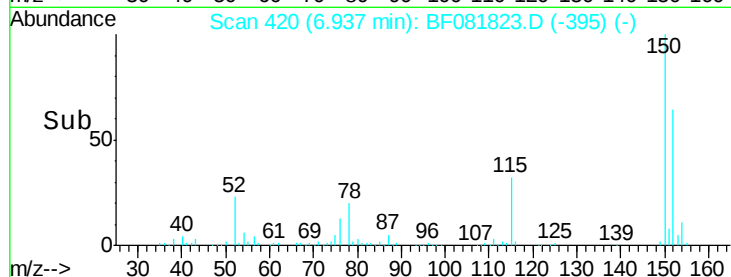
115 60.7 39.0 58.4#



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: 35.12 ng

RT: 5.53 min Scan# 297

Delta R.T. -0.01 min

Lab File: BF081823.D

Acq: 26 Sep 2015 12:53

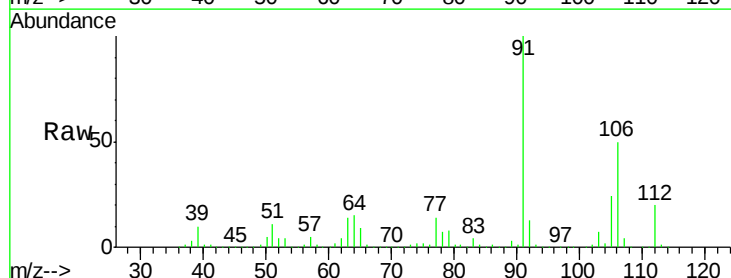
Tgt Ion:112 Resp: 257906

Ion Ratio Lower Upper

112 100

64 76.6 39.7 59.5#

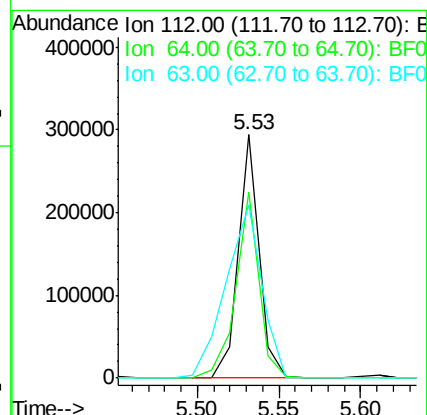
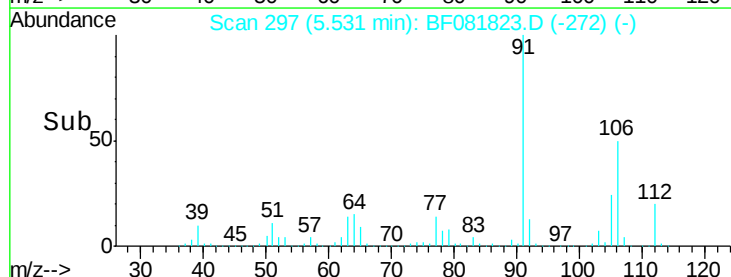
63 71.3 17.4 26.0#



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: 38.30 ng

RT: 6.56 min Scan# 387

Delta R.T. -0.01 min

Lab File: BF081823.D

Acq: 26 Sep 2015 12:53

Instrument :

BNA_F

ClientSampleId :

MW-2B

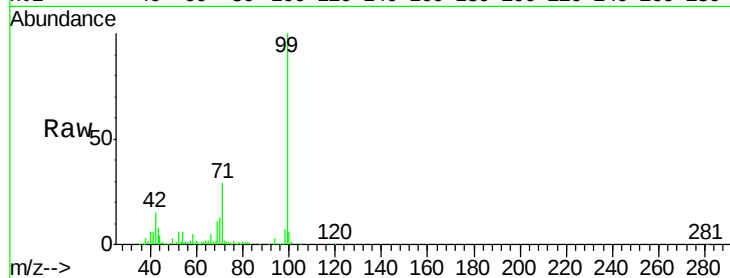
Tgt Ion: 99 Resp: 355788

Ion Ratio Lower Upper

99 100

42 14.8 13.7 20.5

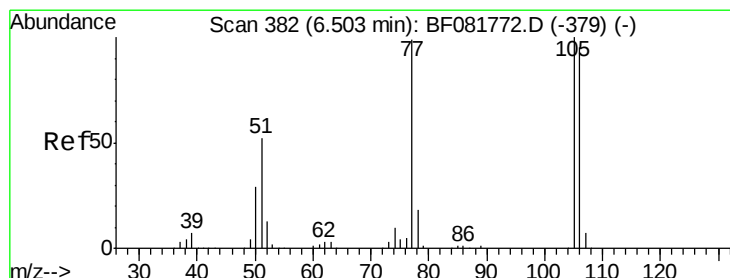
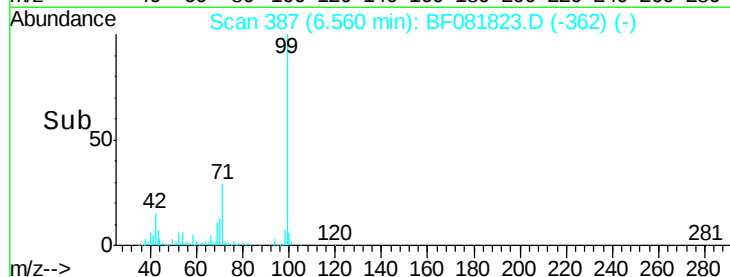
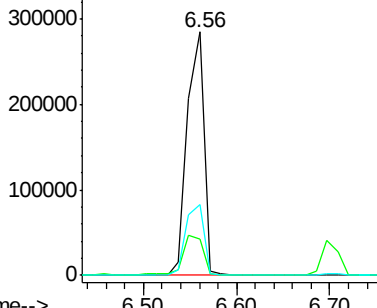
71 29.2 14.2 21.2#



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#9

Benzaldehyde

Concen: 34.66 ng

RT: 6.46 min Scan# 378

Delta R.T. -0.05 min

Lab File: BF081823.D

Acq: 26 Sep 2015 12:53

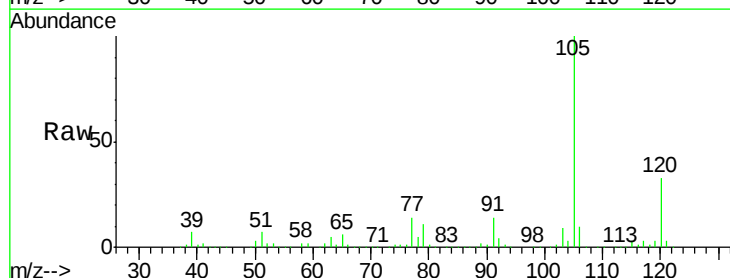
Tgt Ion: 77 Resp: 190344

Ion Ratio Lower Upper

77 100

105 739.1 91.6 131.6#

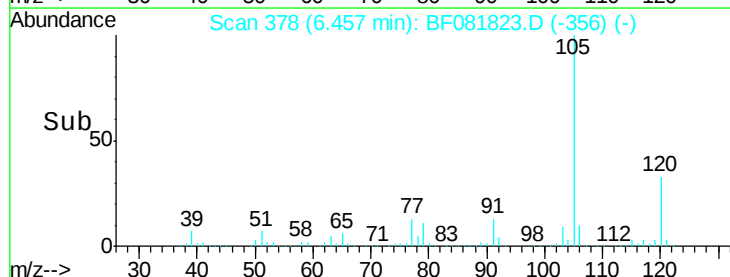
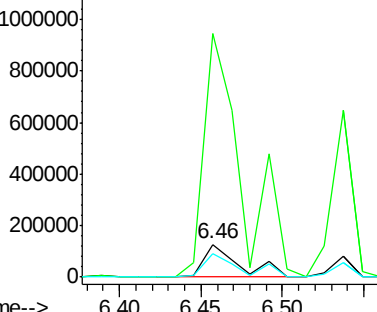
106 71.4 102.6 142.6#

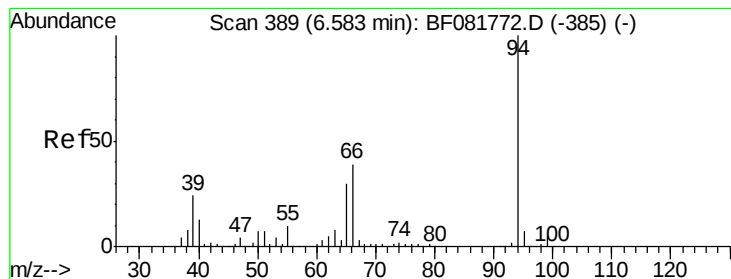


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 2.58 ng

RT: 6.57 min Scan# 388

Delta R.T. -0.01 min

Lab File: BF081823.D

Acq: 26 Sep 2015 12:53

Instrument :

BNA_F

ClientSampleId :

MW-2B

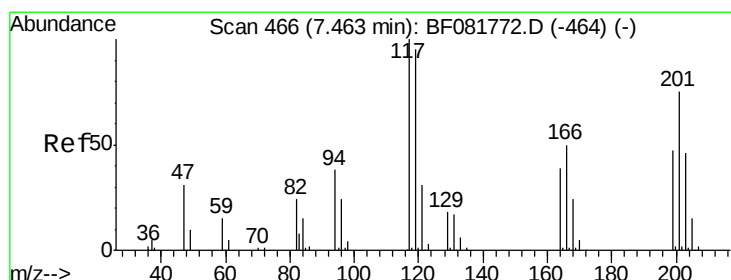
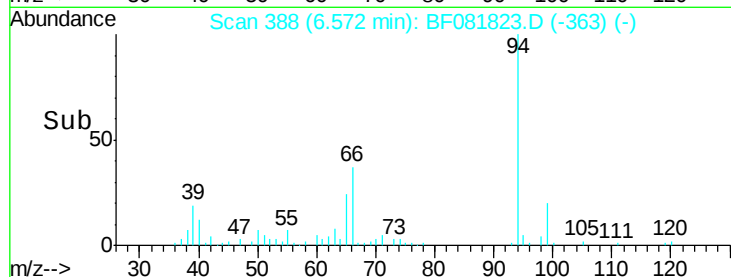
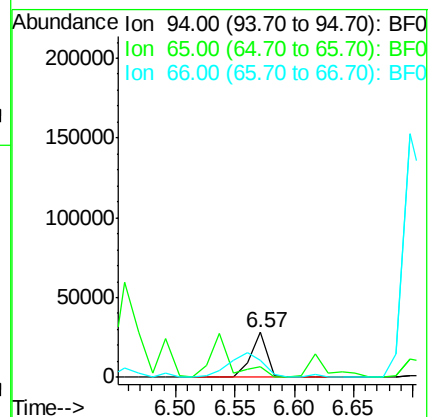
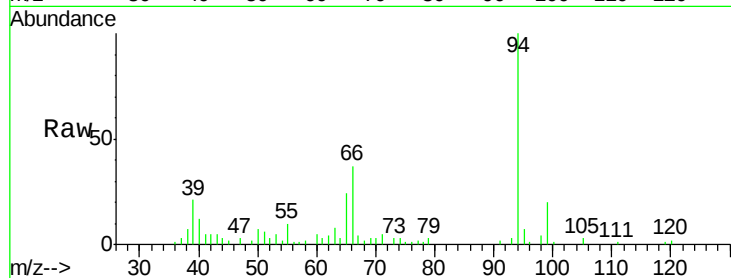
Tgt Ion: 94 Resp: 27793

Ion Ratio Lower Upper

94 100

65 24.3 0.7 40.7

66 36.8 0.8 40.8



#18

Hexachloroethane

Concen: 43.20 ng

RT: 7.47 min Scan# 467

Delta R.T. 0.01 min

Lab File: BF081823.D

Acq: 26 Sep 2015 12:53

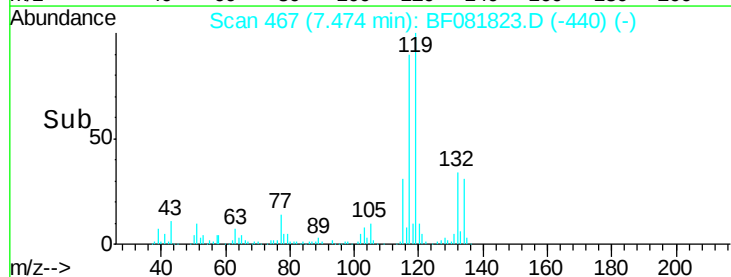
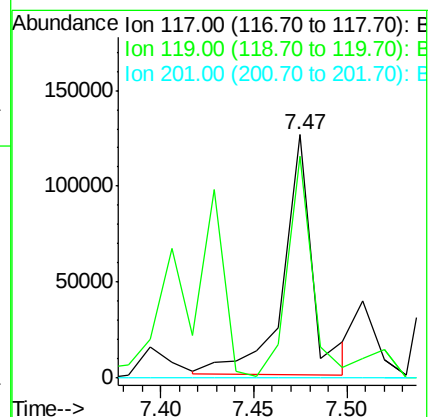
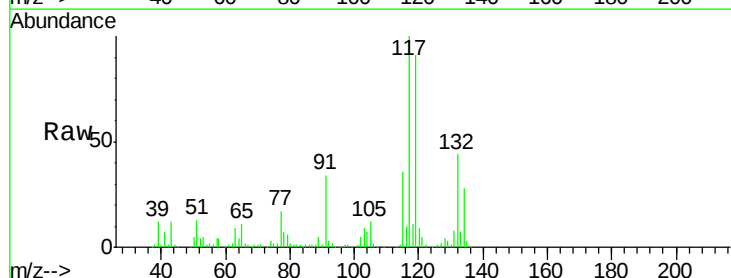
Tgt Ion: 117 Resp: 136319

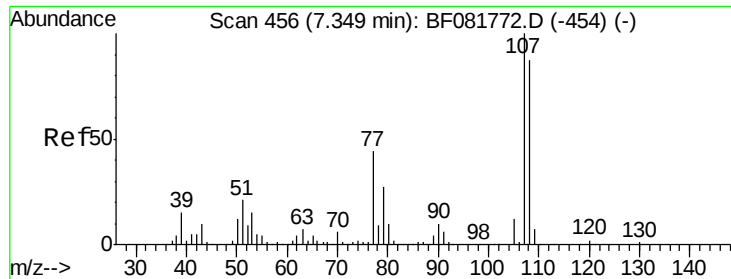
Ion Ratio Lower Upper

117 100

119 90.9 83.8 125.6

201 0.0 55.1 82.7#

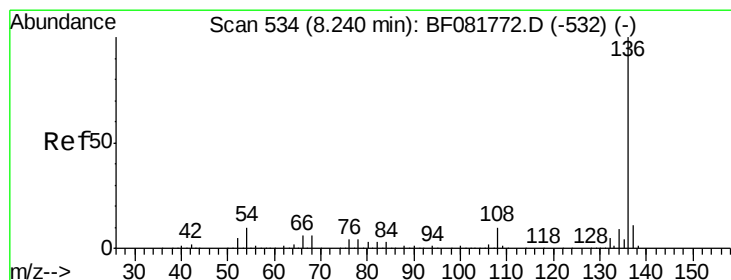
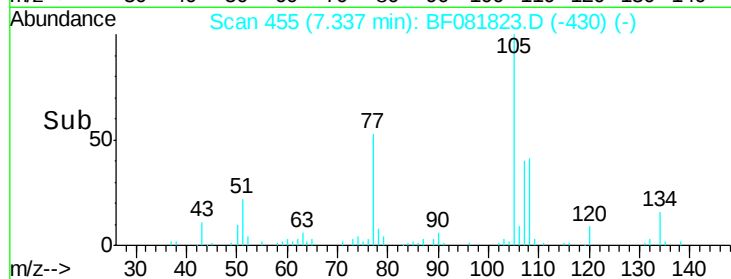
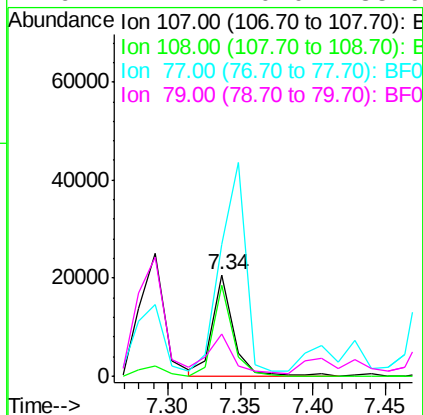
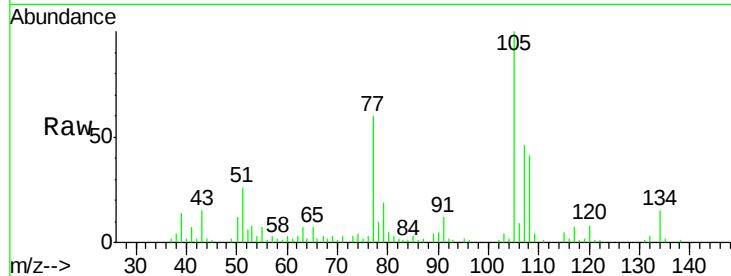




#20
3+4-Methylphenols
Concen: 2.48 ng
RT: 7.34 min Scan# 455
Delta R.T. -0.01 min
Lab File: BF081823.D
Acq: 26 Sep 2015 12:53

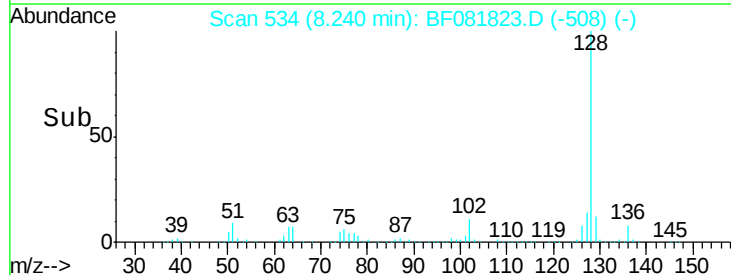
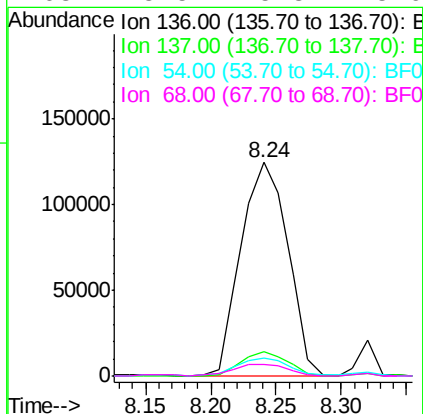
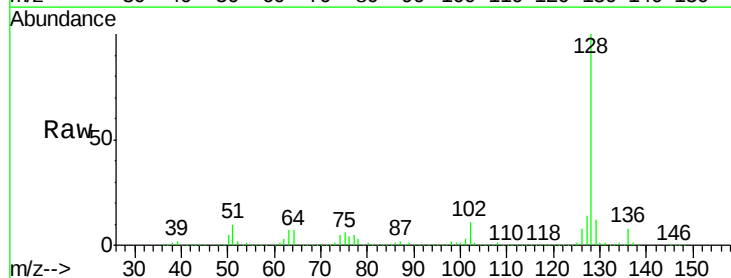
Instrument :
BNA_F
ClientSampleId :
MW-2B

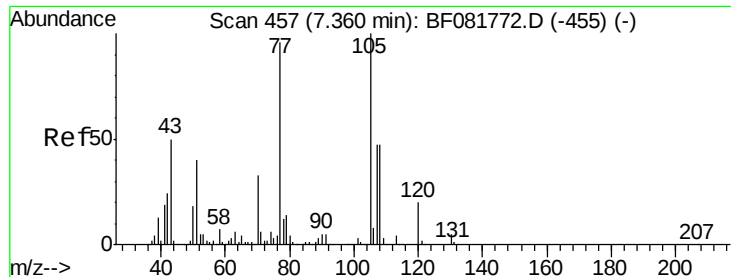
Tgt Ion:	107	Resp:	21284
Ion	Ratio	Lower	Upper
107	100		
108	89.7	74.6	114.6
77	130.2	0.7	40.7#
79	42.1	0.0	38.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.24 min Scan# 534
Delta R.T. 0.00 min
Lab File: BF081823.D
Acq: 26 Sep 2015 12:53

Tgt Ion:	136	Resp:	313451
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.6
54	8.6	8.2	12.2
68	5.5	5.8	8.6#





#22

Acetophenone

Concen: 12.77 ng

RT: 7.35 min Scan# 456

Delta R.T. -0.01 min

Lab File: BF081823.D

Acq: 26 Sep 2015 12:53

Instrument :

BNA_F

ClientSampleId :

MW-2B

Tgt Ion:105 Resp: 87810

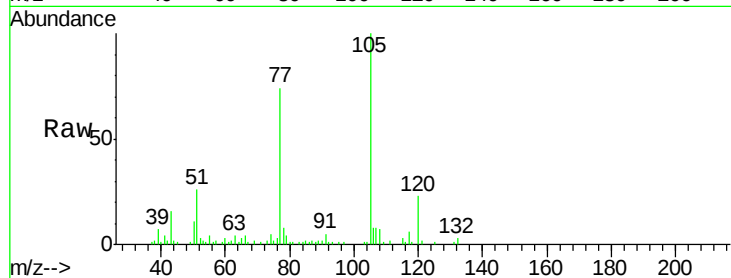
Ion Ratio Lower Upper

105 100

71 1.4 4.7 7.1#

51 25.7 22.0 33.0

120 22.5 30.1 45.1#

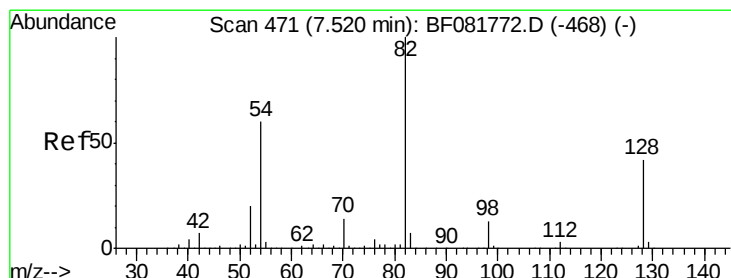
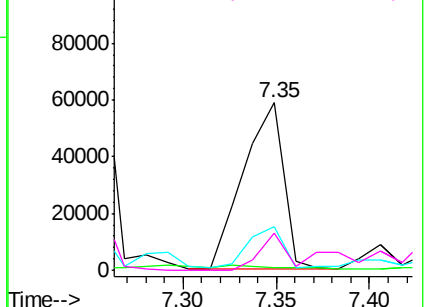
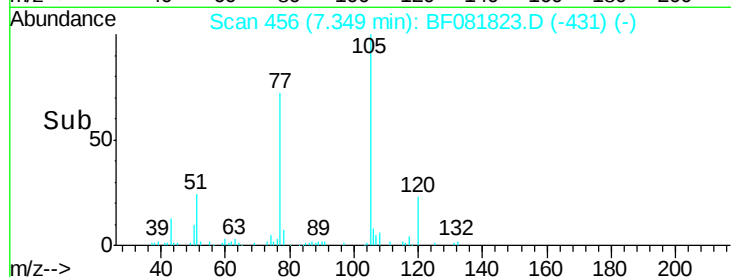


Abundance Ion 105.00 (104.70 to 105.70): E

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: 153.55 ng

RT: 7.51 min Scan# 470

Delta R.T. -0.01 min

Lab File: BF081823.D

Acq: 26 Sep 2015 12:53

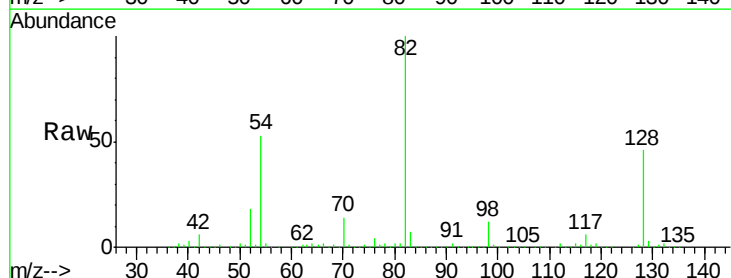
Tgt Ion: 82 Resp: 729479

Ion Ratio Lower Upper

82 100

128 45.8 51.0 76.6#

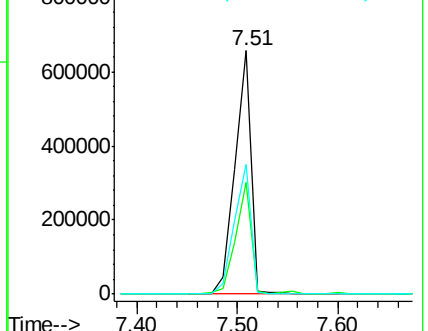
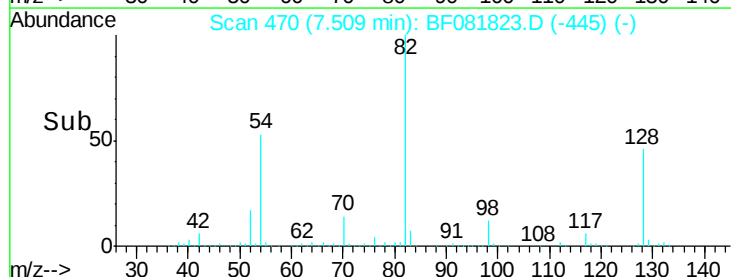
54 53.4 47.5 71.3

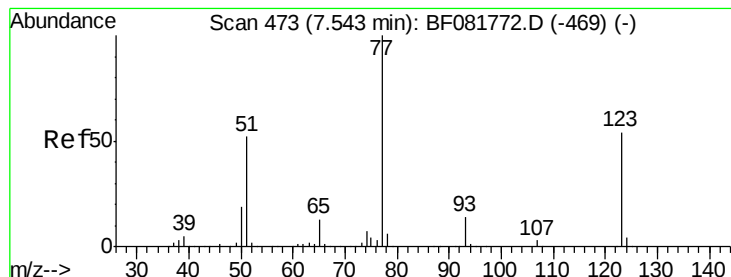


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#24

Nitrobenzene

Concen: 2.31 ng

RT: 7.55 min Scan# 474

Delta R.T. 0.01 min

Lab File: BF081823.D

Acq: 26 Sep 2015 12:53

Instrument :

BNA_F

ClientSampleId :

MW-2B

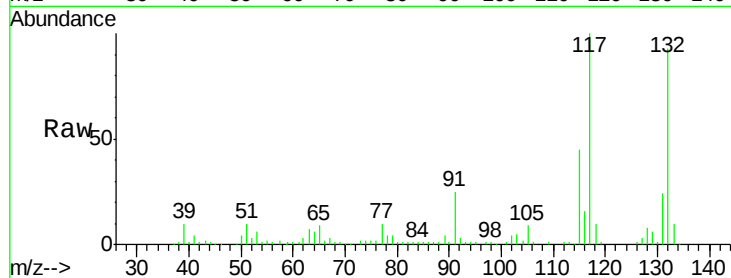
Tgt Ion: 77 Resp: 12224

Ion Ratio Lower Upper

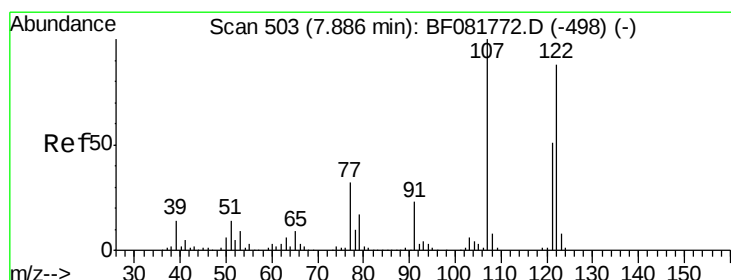
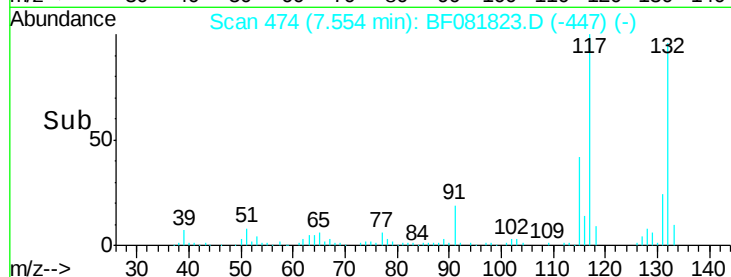
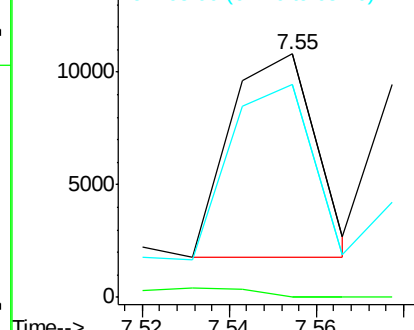
77 100

123 0.0 59.8 89.8#

65 87.5 10.2 15.4#



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 123.00 (122.70 to 123.70): B
Ion 65.00 (64.70 to 65.70): BF0



#27

2,4-Dimethylphenol

Concen: 2.28 ng

RT: 7.89 min Scan# 503

Delta R.T. -0.00 min

Lab File: BF081823.D

Acq: 26 Sep 2015 12:53

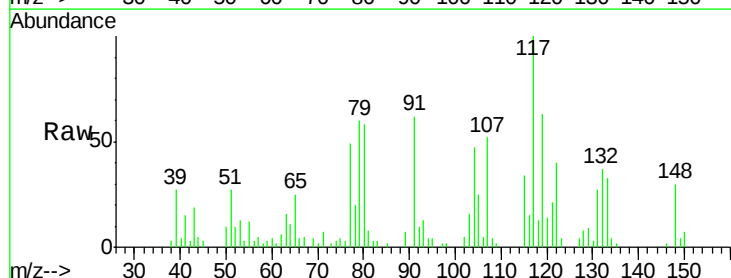
Tgt Ion: 122 Resp: 10898

Ion Ratio Lower Upper

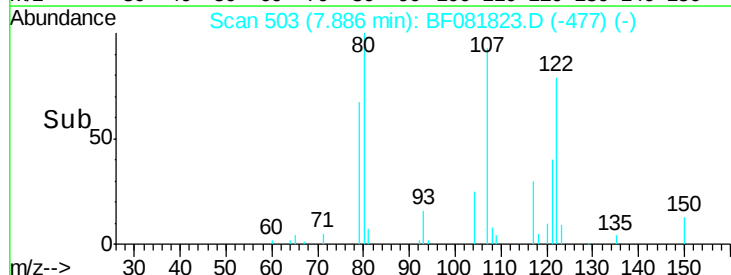
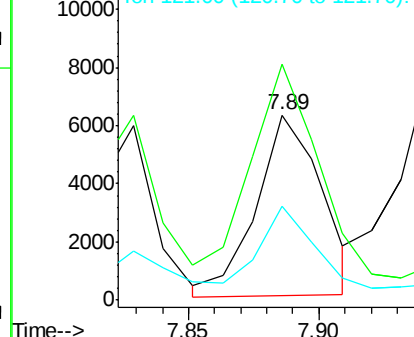
122 100

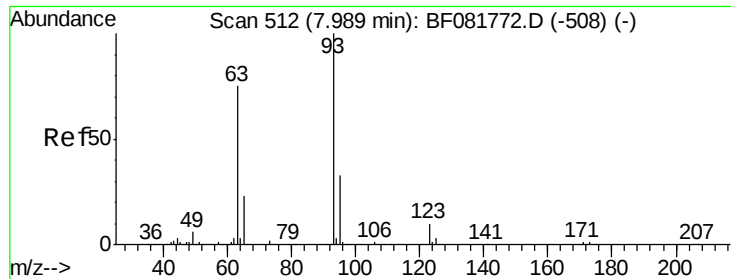
107 128.0 71.8 107.6#

121 50.7 42.3 63.5



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

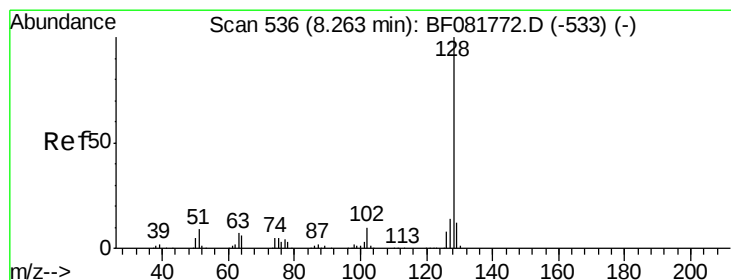
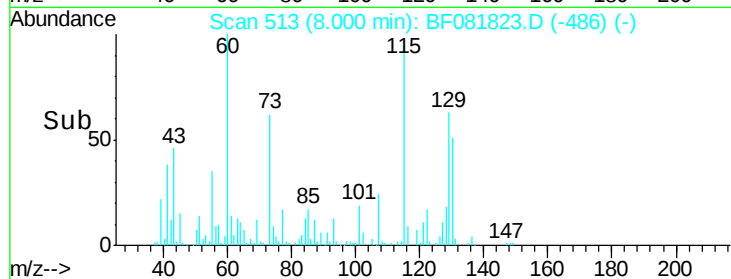
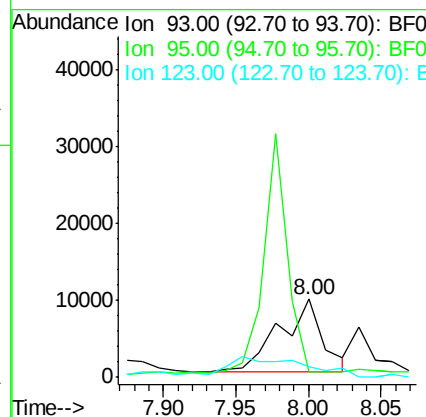
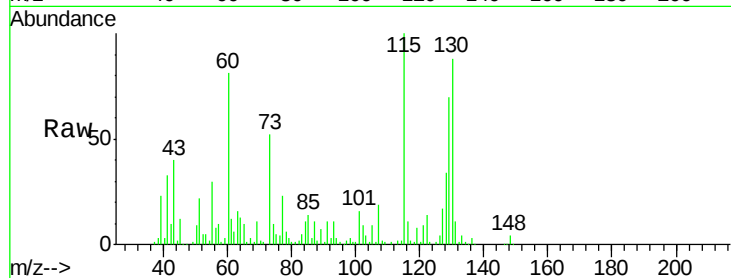




#28
bis(2-Chloroethoxy)methane
Concen: 3.19 ng
RT: 8.00 min Scan# 513
Delta R.T. 0.01 min
Lab File: BF081823.D
Acq: 26 Sep 2015 12:53

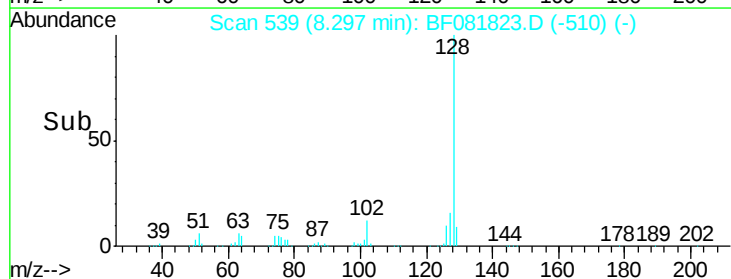
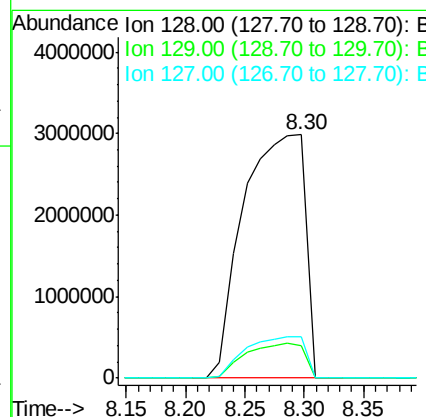
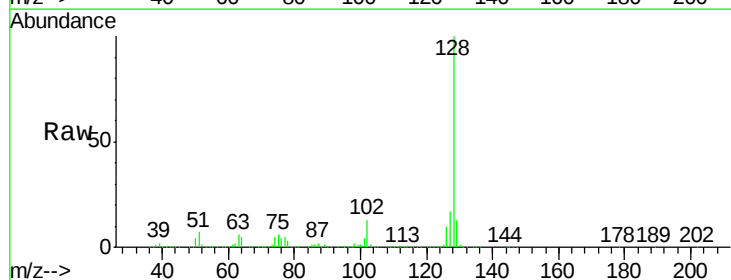
Instrument :
BNA_F
ClientSampleId :
MW-2B

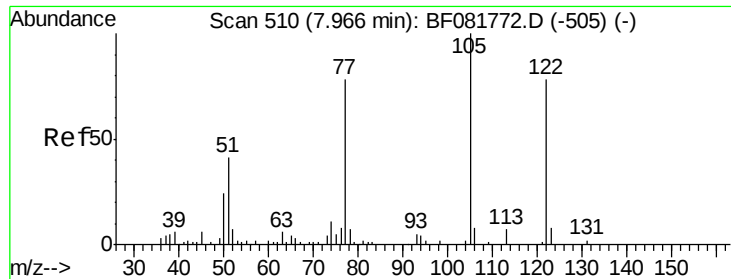
Tgt Ion: 93 Resp: 19582
Ion Ratio Lower Upper
93 100
95 7.7 27.5 41.3#
123 13.8 13.7 20.5



#31
Naphthalene
Concen: 741.56 ng
RT: 8.30 min Scan# 539
Delta R.T. 0.03 min
Lab File: BF081823.D
Acq: 26 Sep 2015 12:53

Tgt Ion: 128 Resp: 10723225
Ion Ratio Lower Upper
128 100
129 13.4 8.4 12.6#
127 17.1 9.9 14.9#





#32

Benzoic acid

Concen: 84.78 ng

RT: 7.99 min Scan# 512

Delta R.T. 0.02 min

Lab File: BF081823.D

Acq: 26 Sep 2015 12:53

Instrument :

BNA_F

ClientSampleId :

MW-2B

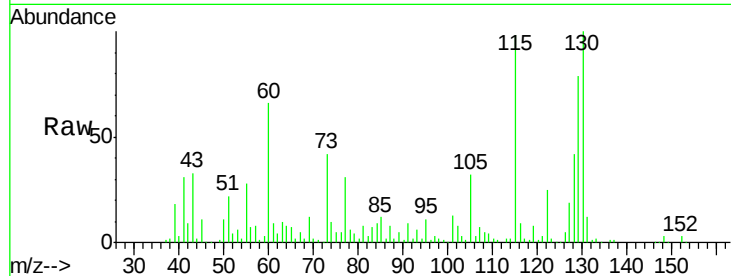
Tgt Ion:122 Resp: 78792

Ion Ratio Lower Upper

122 100

105 127.1 76.1 116.1#

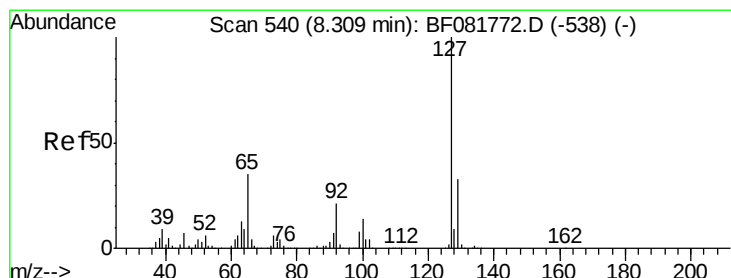
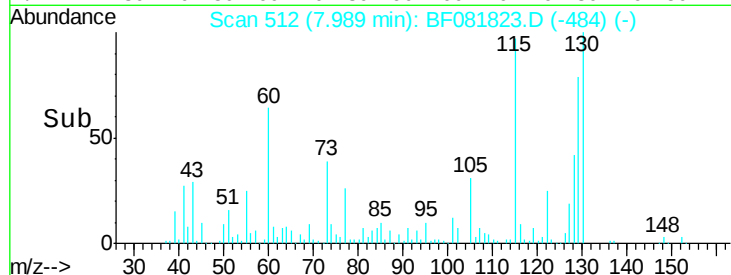
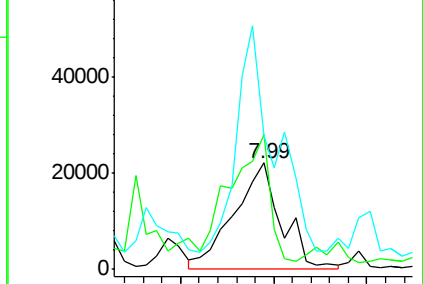
77 125.3 40.5 80.5#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0



#33

4-Chloroaniline

Concen: 278.72 ng

RT: 8.29 min Scan# 538

Delta R.T. -0.02 min

Lab File: BF081823.D

Acq: 26 Sep 2015 12:53

Tgt Ion:127 Resp: 1768850

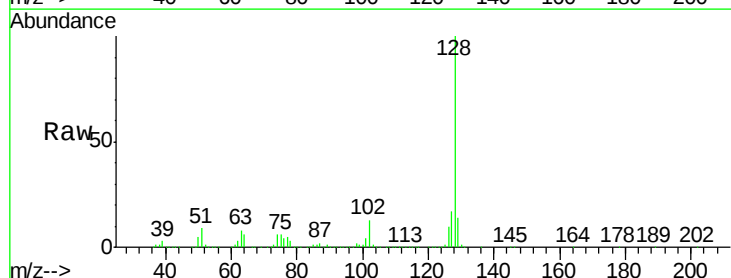
Ion Ratio Lower Upper

127 100

129 82.4 25.8 38.6#

65 0.0 17.9 26.9#

92 0.1 10.5 15.7#

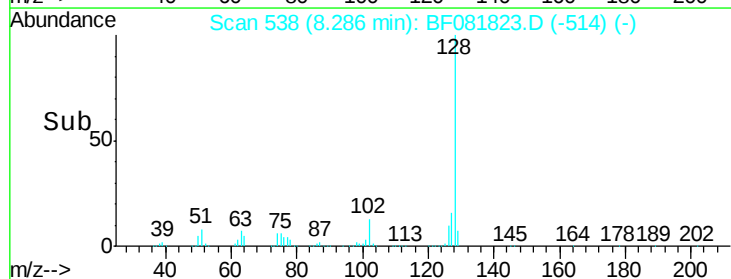
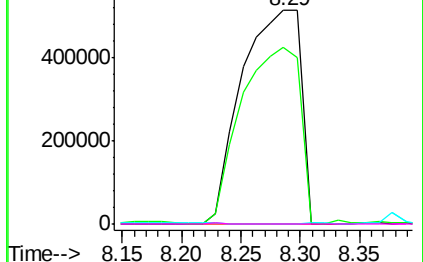


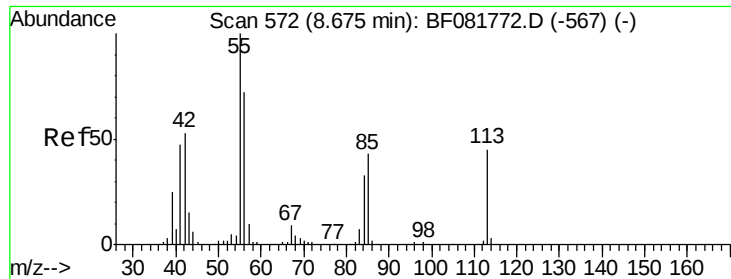
Abundance Ion 127.00 (126.70 to 127.70): E

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

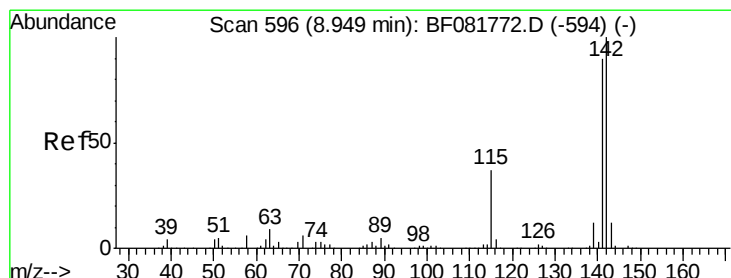
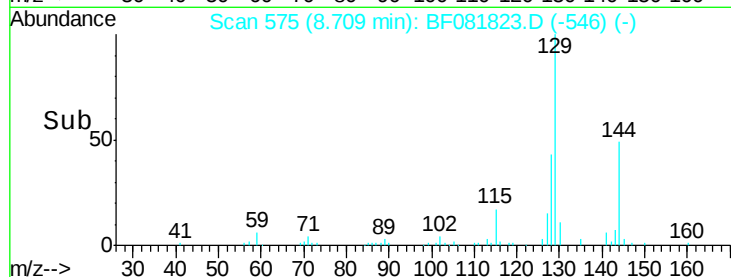
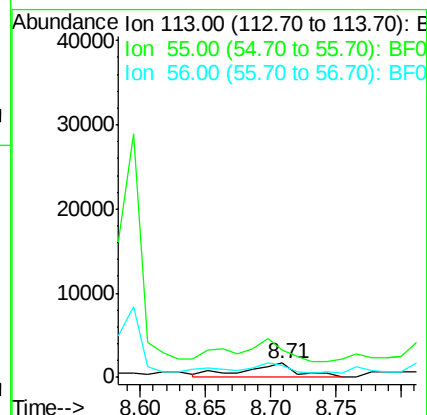
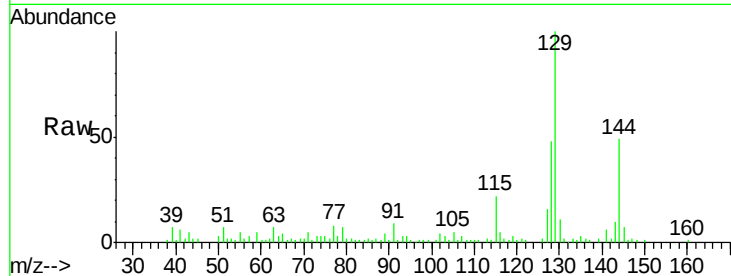




#35
 Caprolactam
 Concen: 4.07 ng
 RT: 8.71 min Scan# 575
 Delta R.T. 0.03 min
 Lab File: BF081823.D
 Acq: 26 Sep 2015 12:53

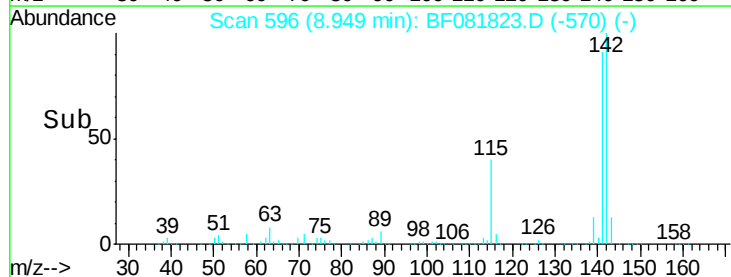
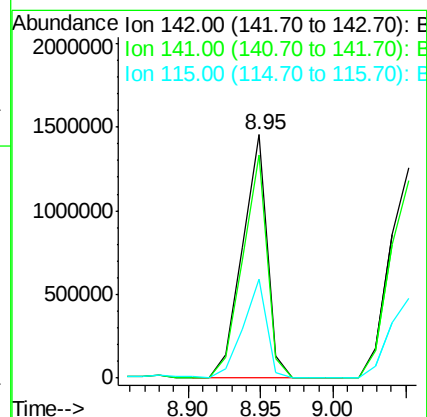
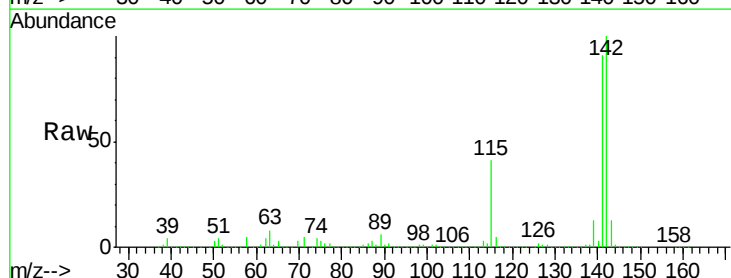
Instrument :
 BNA_F
 ClientSampleId :
 MW-2B

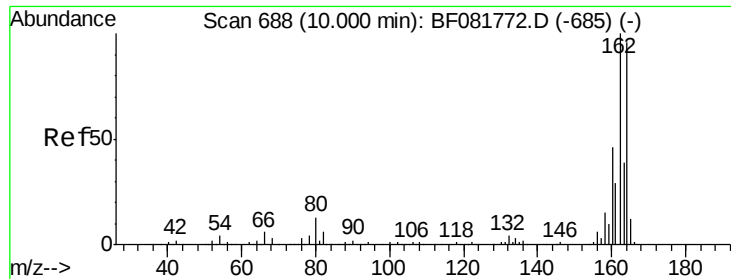
Tgt Ion:113 Resp: 4831
 Ion Ratio Lower Upper
 113 100
 55 195.9 152.4 192.4#
 56 80.4 104.6 144.6#



#37
 2-Methylnaphthalene
 Concen: 167.23 ng
 RT: 8.95 min Scan# 596
 Delta R.T. -0.00 min
 Lab File: BF081823.D
 Acq: 26 Sep 2015 12:53

Tgt Ion:142 Resp: 1723305
 Ion Ratio Lower Upper
 142 100
 141 91.4 67.5 101.3
 115 40.6 18.2 27.2#

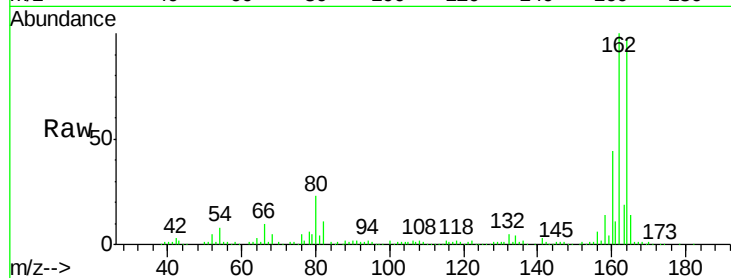




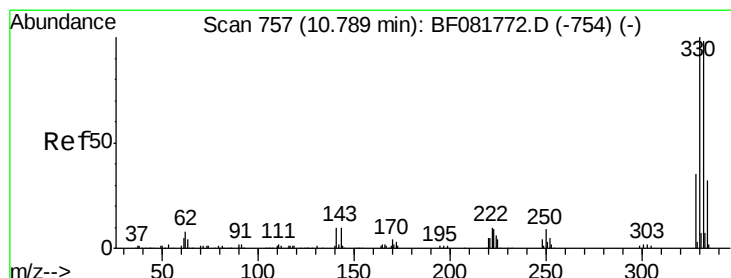
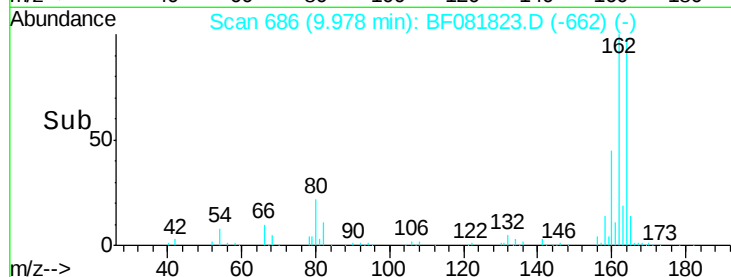
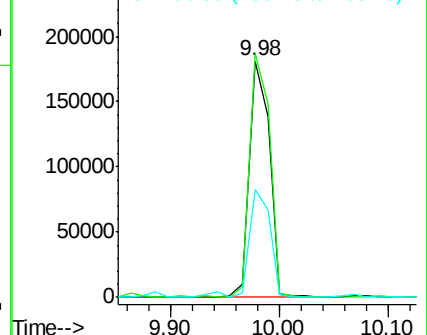
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.98 min Scan# 686
Delta R.T. -0.02 min
Lab File: BF081823.D
Acq: 26 Sep 2015 12:53

Instrument :
BNA_F
ClientSampled :
MW-2B

Tgt Ion:164 Resp: 231464
Ion Ratio Lower Upper
164 100
162 103.1 75.2 112.8
160 45.8 31.5 47.3

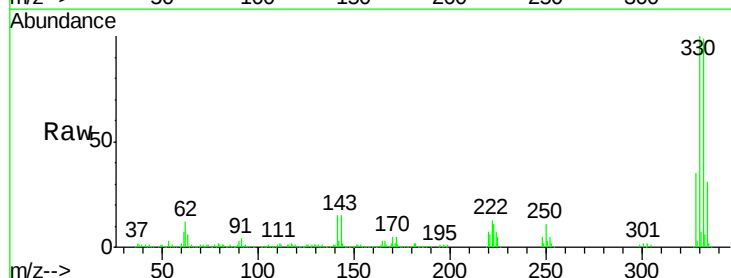


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

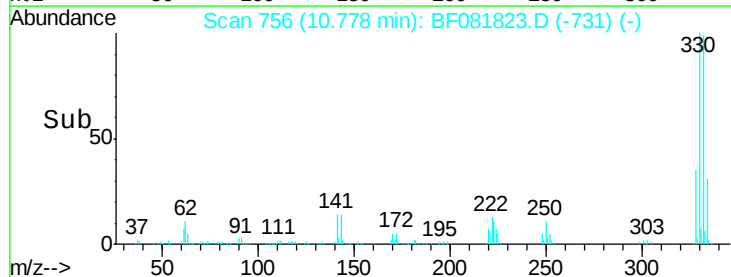
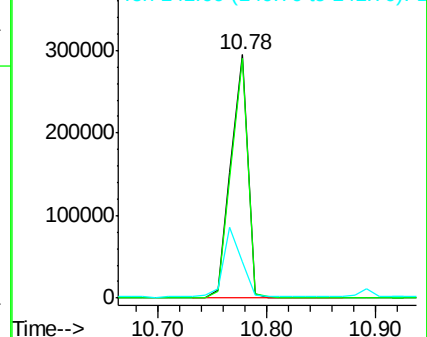


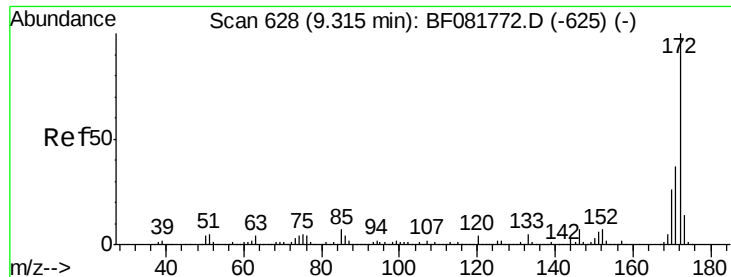
#41
2,4,6-Tribromophenol
Concen: 158.52 ng
RT: 10.78 min Scan# 756
Delta R.T. -0.01 min
Lab File: BF081823.D
Acq: 26 Sep 2015 12:53

Tgt Ion:330 Resp: 318560
Ion Ratio Lower Upper
330 100
332 97.2 76.6 114.8
141 31.8 29.7 44.5



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

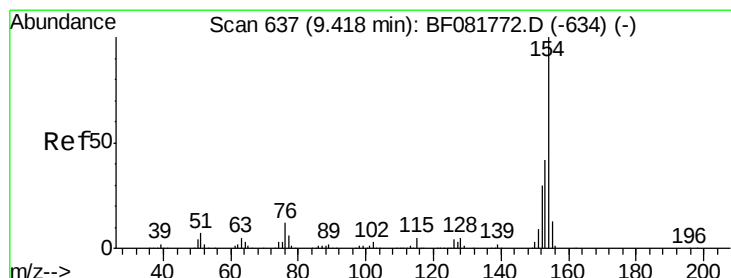
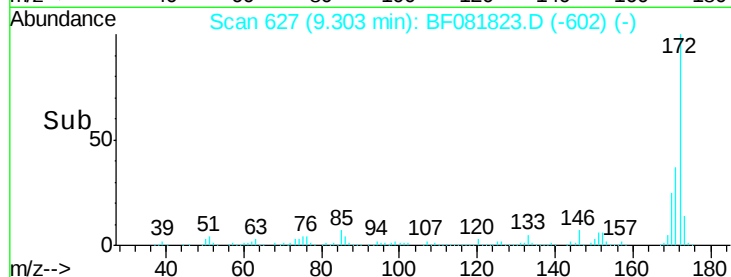
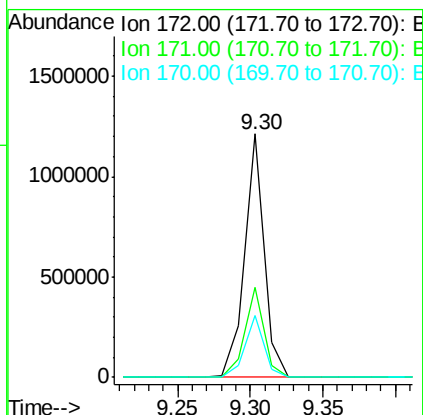
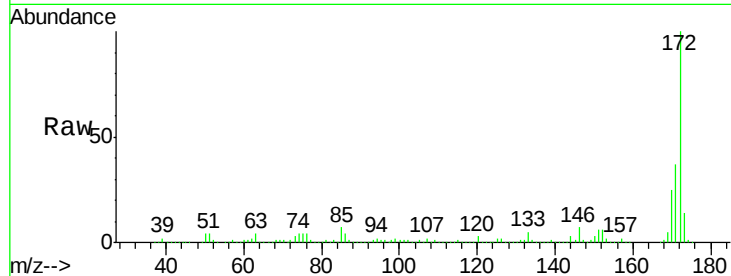




#44
 2-Fluorobiphenyl
 Concen: 80.64 ng
 RT: 9.30 min Scan# 627
 Delta R.T. -0.01 min
 Lab File: BF081823.D
 Acq: 26 Sep 2015 12:53

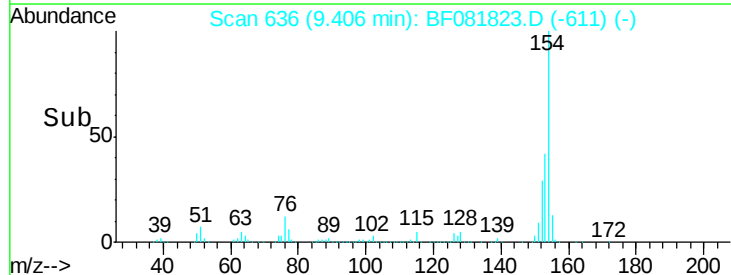
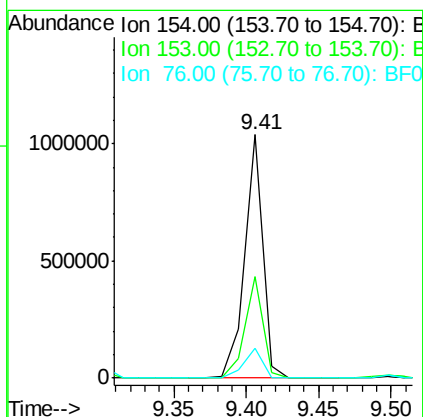
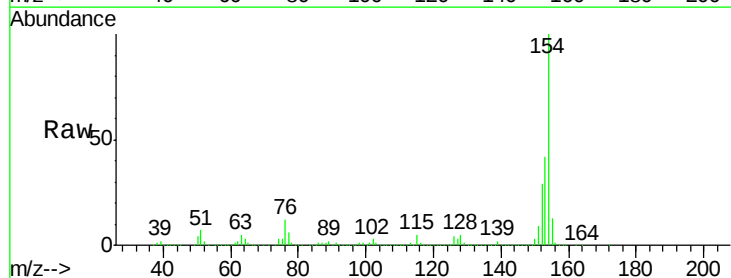
Instrument :
 BNA_F
 ClientSampleId :
 MW-2B

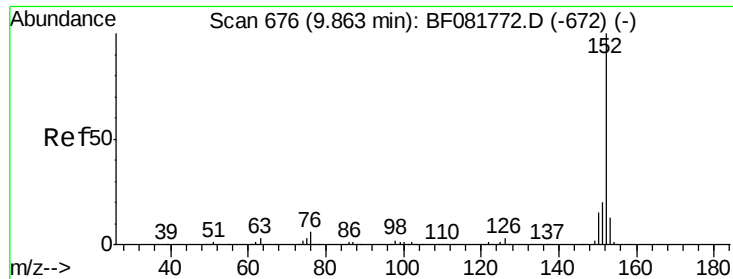
Tgt Ion:172 Resp: 1137088
 Ion Ratio Lower Upper
 172 100
 171 36.9 26.1 39.1
 170 25.4 17.4 26.2



#45
 1,1'-Biphenyl
 Concen: 49.72 ng
 RT: 9.41 min Scan# 636
 Delta R.T. -0.01 min
 Lab File: BF081823.D
 Acq: 26 Sep 2015 12:53

Tgt Ion:154 Resp: 899760
 Ion Ratio Lower Upper
 154 100
 153 41.6 17.1 57.1
 76 12.2 0.0 31.6

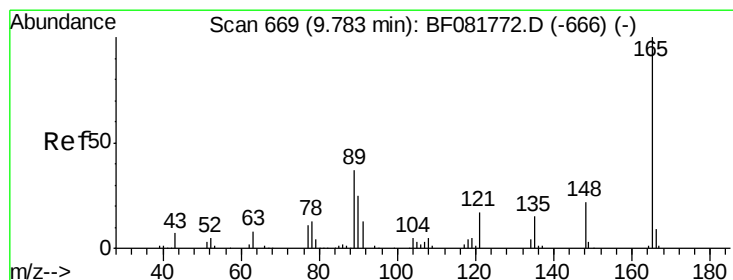
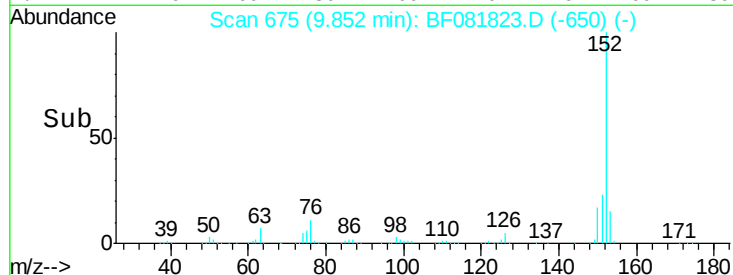
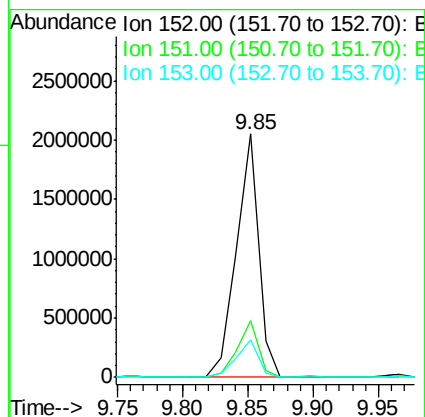
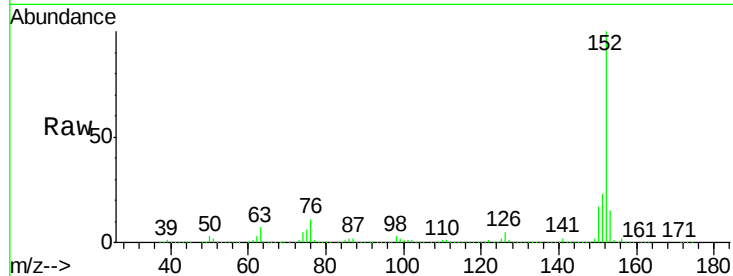




#48
Acenaphthylene
Concen: 98.75 ng
RT: 9.85 min Scan# 675
Delta R.T. -0.01 min
Lab File: BF081823.D
Acq: 26 Sep 2015 12:53

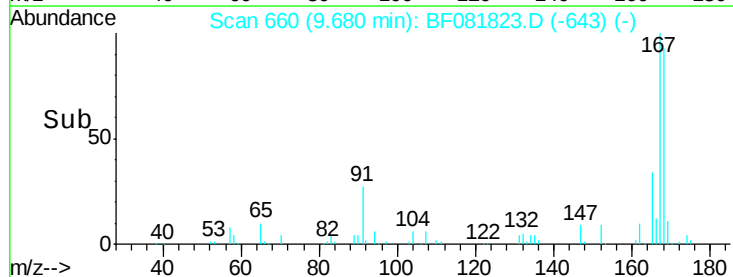
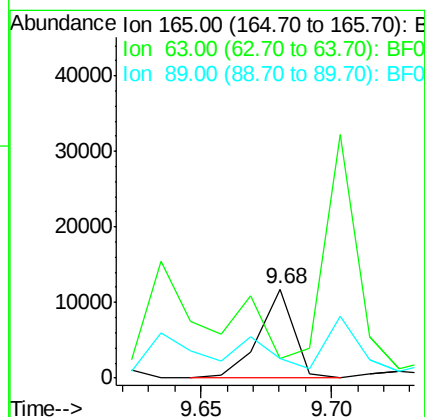
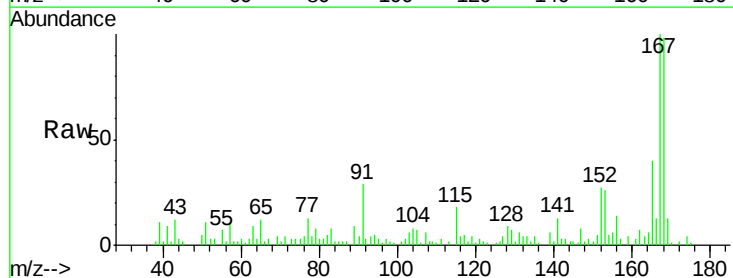
Instrument :
BNA_F
ClientSampleId :
MW-2B

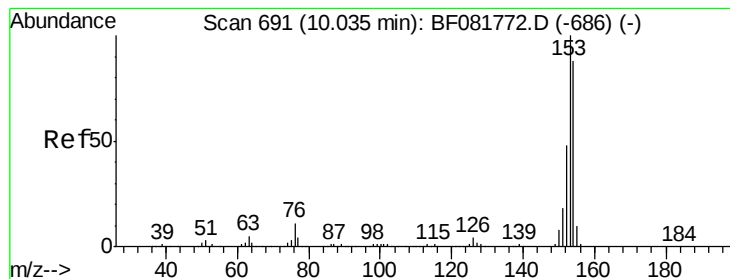
Tgt Ion:152 Resp: 2433032
Ion Ratio Lower Upper
152 100
151 23.2 14.6 22.0#
153 15.3 10.3 15.5



#50
2,6-Dinitrotoluene
Concen: 3.24 ng
RT: 9.68 min Scan# 660
Delta R.T. -0.10 min
Lab File: BF081823.D
Acq: 26 Sep 2015 12:53

Tgt Ion:165 Resp: 11024
Ion Ratio Lower Upper
165 100
63 22.3 32.3 48.5#
89 22.2 28.6 43.0#





#51

Acenaphthene

Concen: 31.85 ng

RT: 10.01 min Scan# 689

Delta R.T. -0.02 min

Lab File: BF081823.D

Acq: 26 Sep 2015 12:53

Instrument :

BNA_F

ClientSampleId :

MW-2B

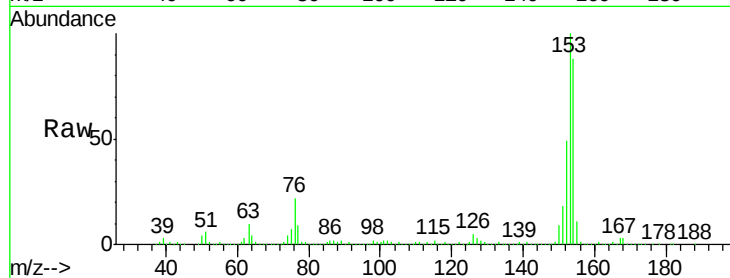
Tgt Ion:154 Resp: 452183

Ion Ratio Lower Upper

154 100

153 114.0 82.1 123.1

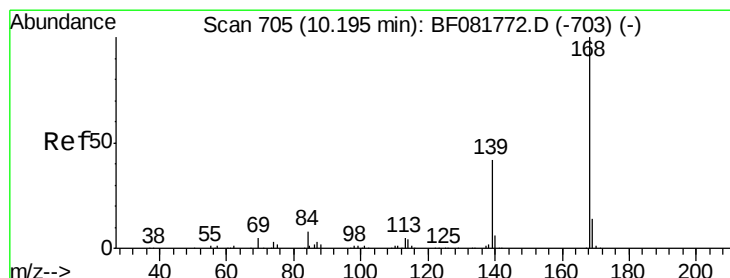
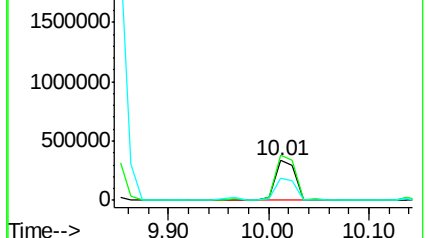
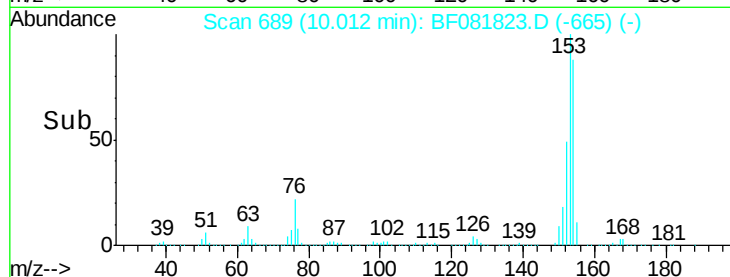
152 55.5 37.9 56.9



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: 4.13 ng

RT: 10.18 min Scan# 704

Delta R.T. -0.01 min

Lab File: BF081823.D

Acq: 26 Sep 2015 12:53

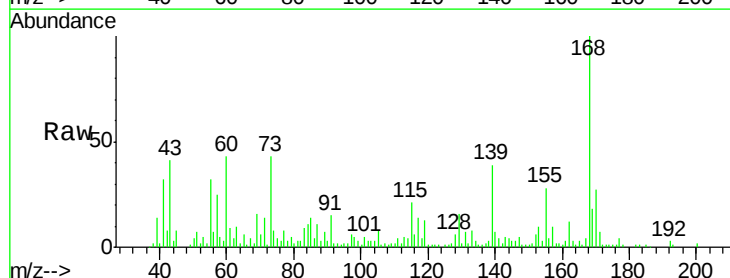
Tgt Ion:168 Resp: 86056

Ion Ratio Lower Upper

168 100

139 38.7 24.2 36.2#

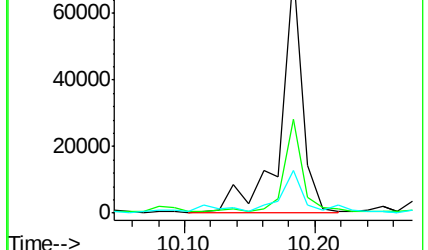
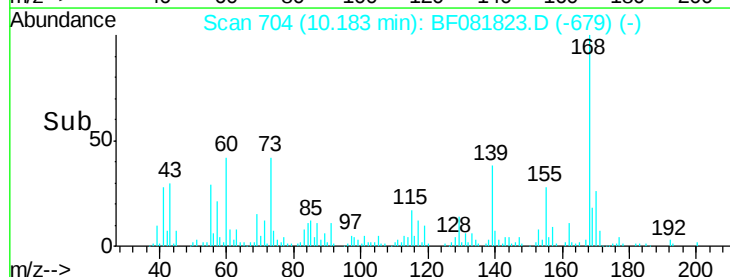
169 17.5 10.6 15.8#

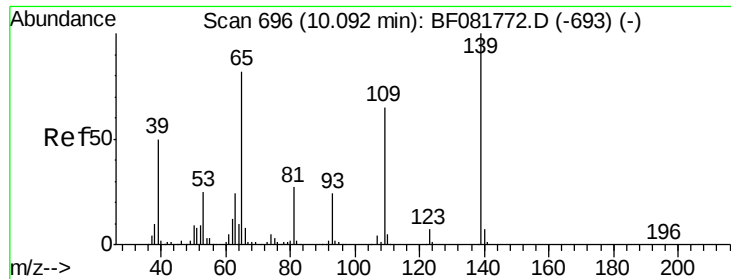


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

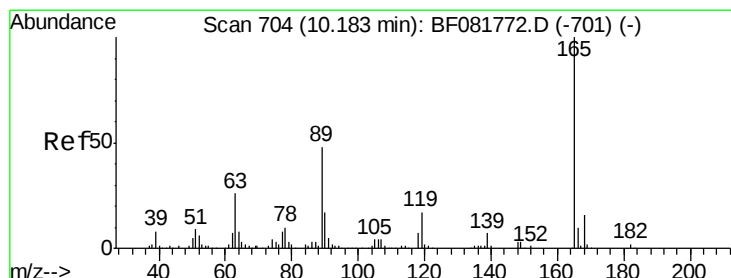
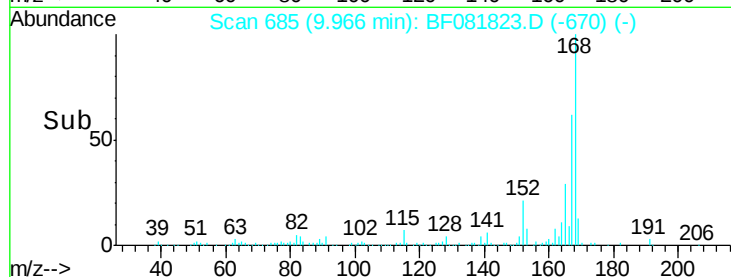
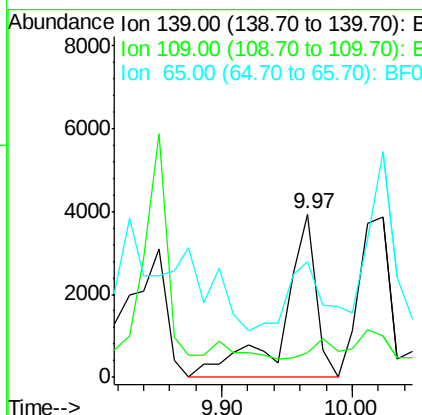
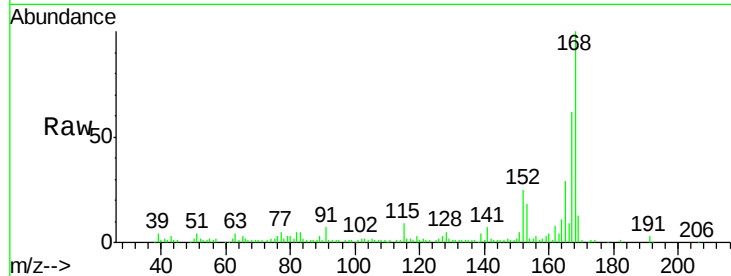




#55
4-Nitrophenol
Concen: 2.72 ng
RT: 9.97 min Scan# 685
Delta R.T. -0.13 min
Lab File: BF081823.D
Acq: 26 Sep 2015 12:53

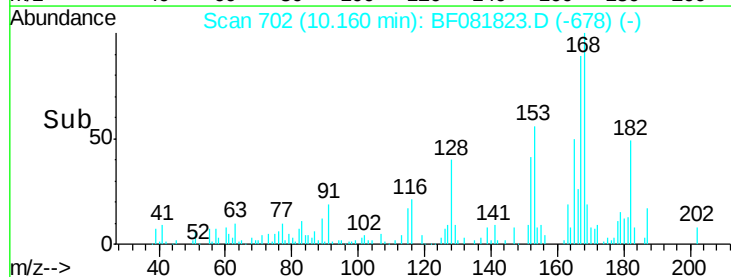
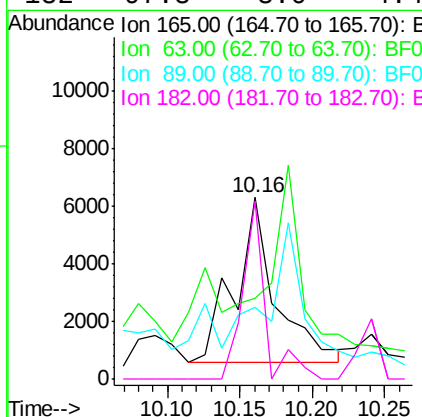
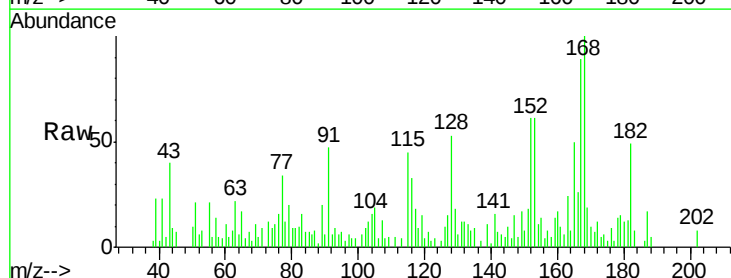
Instrument :
BNA_F
ClientSampleId :
MW-2B

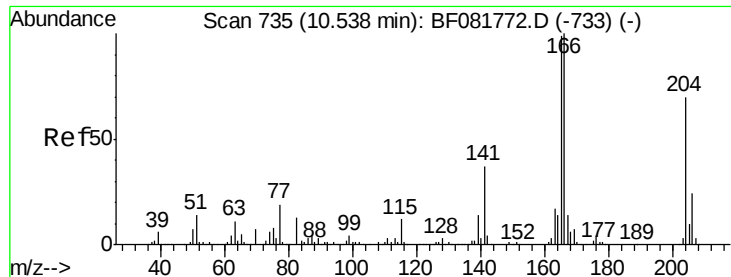
Tgt Ion:139 Resp: 6914
Ion Ratio Lower Upper
139 100
109 14.8 12.7 52.7
65 70.7 45.9 85.9



#56
2,4-Dinitrotoluene
Concen: 2.75 ng
RT: 10.16 min Scan# 702
Delta R.T. -0.02 min
Lab File: BF081823.D
Acq: 26 Sep 2015 12:53

Tgt Ion:165 Resp: 11199
Ion Ratio Lower Upper
165 100
63 44.5 29.8 44.6
89 39.8 44.5 66.7#
182 97.8 3.0 4.4#

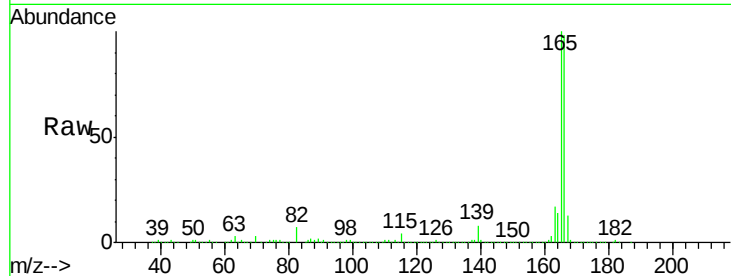




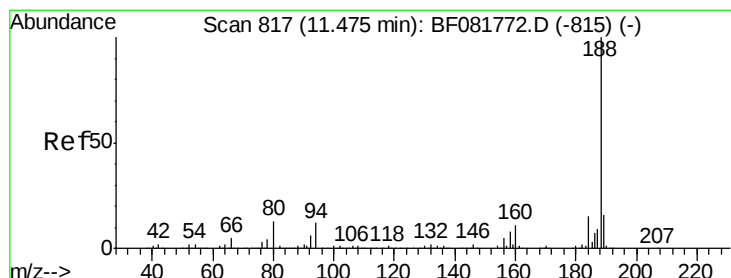
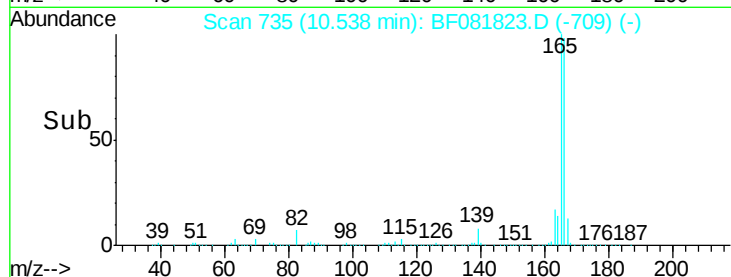
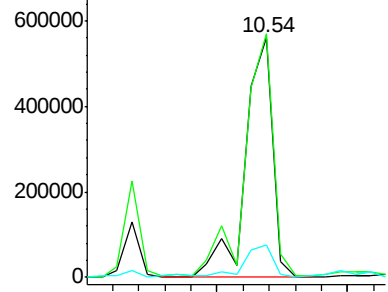
#57
Fluorene
 Concen: 50.89 ng
 RT: 10.54 min Scan# 735
 Delta R.T. 0.00 min
 Lab File: BF081823.D
 Acq: 26 Sep 2015 12:53

Instrument :
 BNA_F
 ClientSampleId :
 MW-2B

Tgt Ion:166 Resp: 813350
 Ion Ratio Lower Upper
 166 100
 165 101.6 72.6 109.0
 167 13.6 10.6 16.0

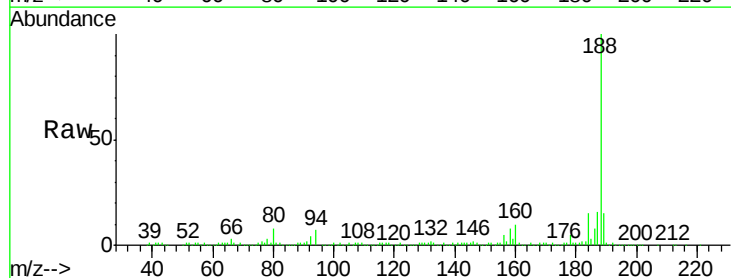


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

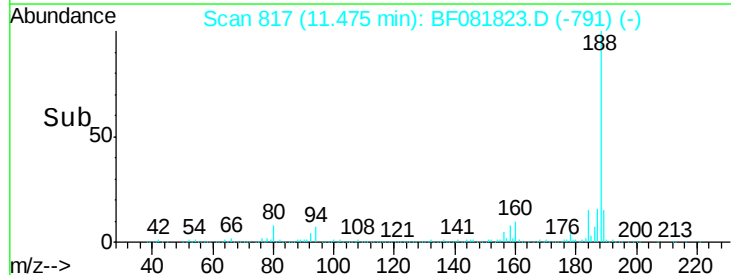
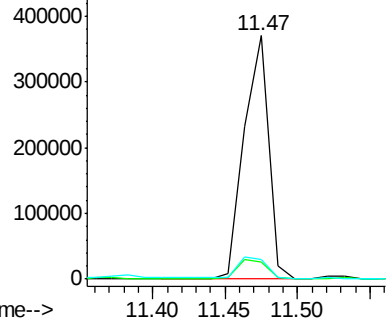


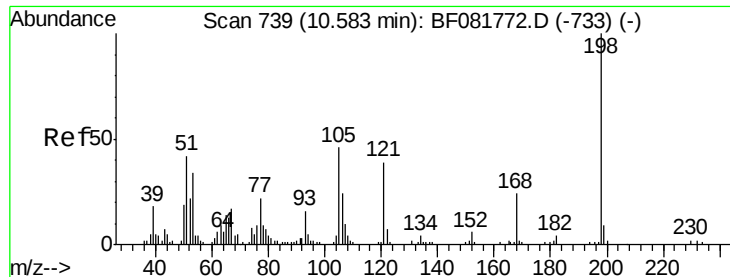
#63
Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.47 min Scan# 817
 Delta R.T. -0.00 min
 Lab File: BF081823.D
 Acq: 26 Sep 2015 12:53

Tgt Ion:188 Resp: 434878
 Ion Ratio Lower Upper
 188 100
 94 7.1 11.1 16.7#
 80 8.2 11.0 16.4#



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: 7.85 ng

RT: 10.50 min Scan# 732

Delta R.T. -0.08 min

Lab File: BF081823.D

Acq: 26 Sep 2015 12:53

Instrument :

BNA_F

ClientSampleId :

MW-2B

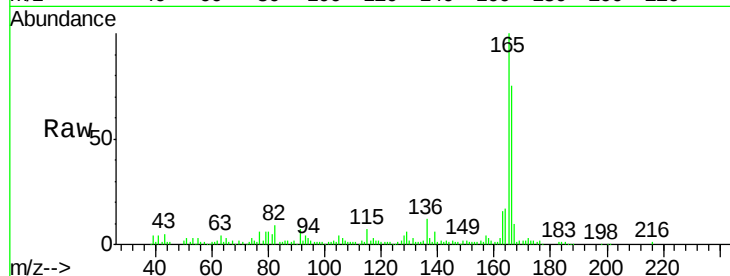
Tgt Ion:198 Resp: 287

Ion Ratio Lower Upper

198 100

51 872.1 39.6 79.6#

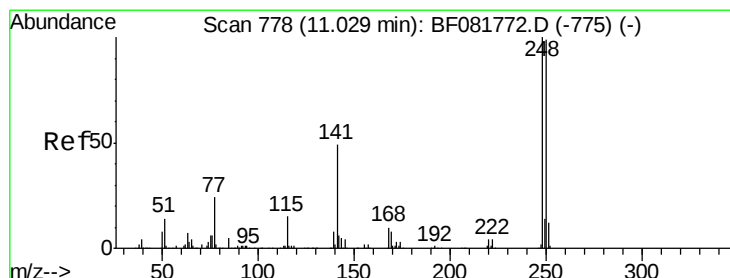
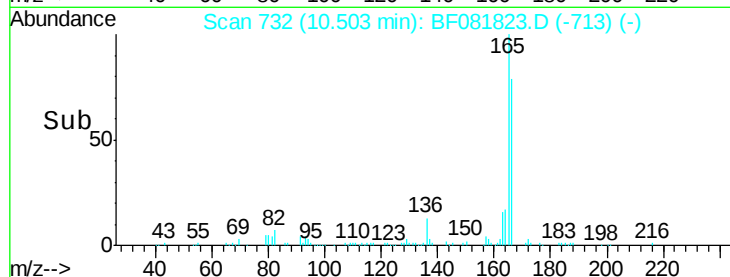
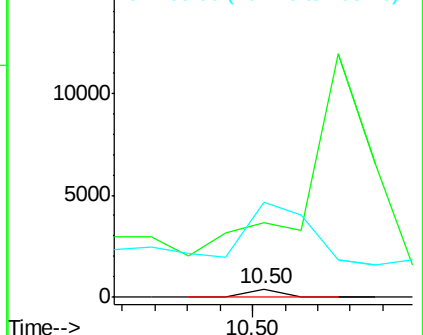
105 1114.1 28.5 68.5#



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: 4.00 ng

RT: 10.78 min Scan# 756

Delta R.T. -0.25 min

Lab File: BF081823.D

Acq: 26 Sep 2015 12:53

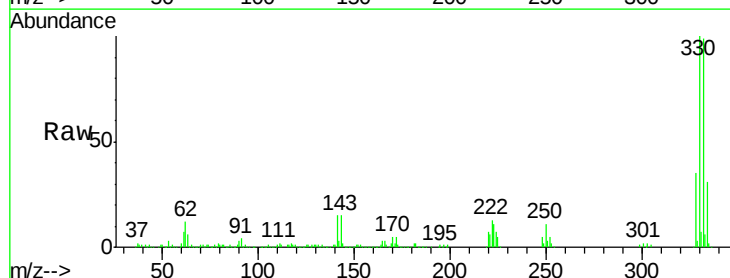
Tgt Ion:248 Resp: 19385

Ion Ratio Lower Upper

248 100

250 205.7 78.5 117.7#

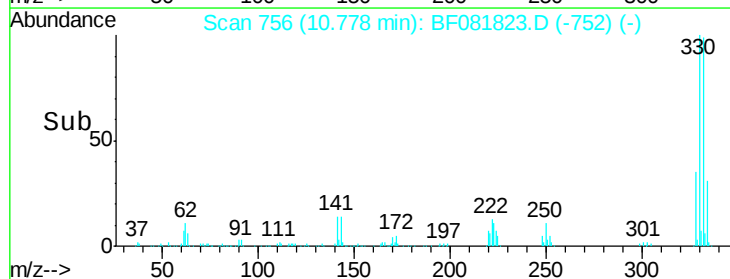
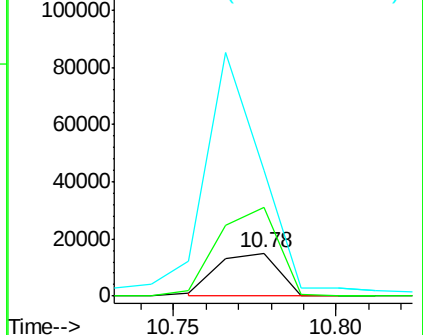
141 290.3 59.0 88.6#

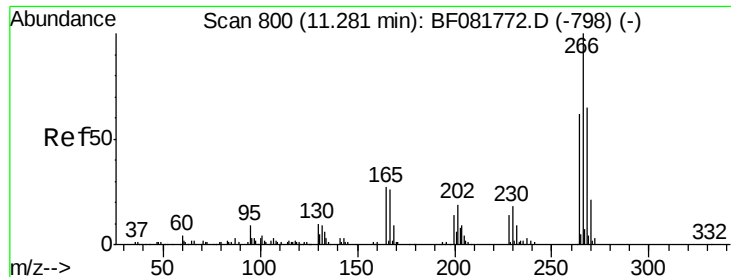


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

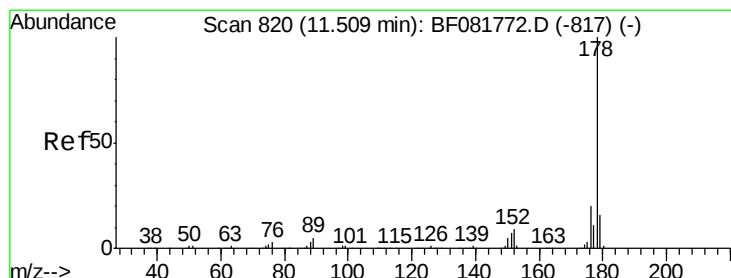
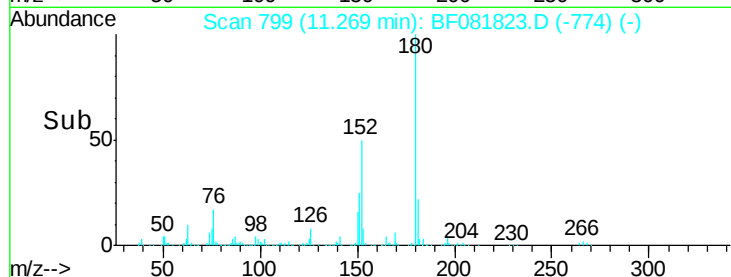
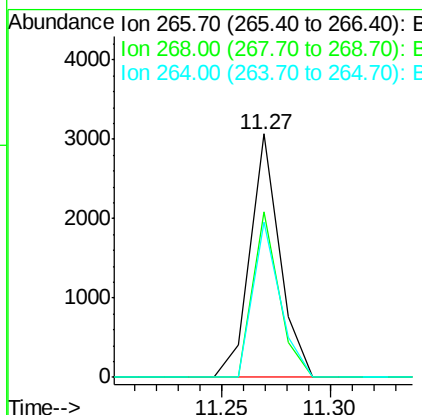
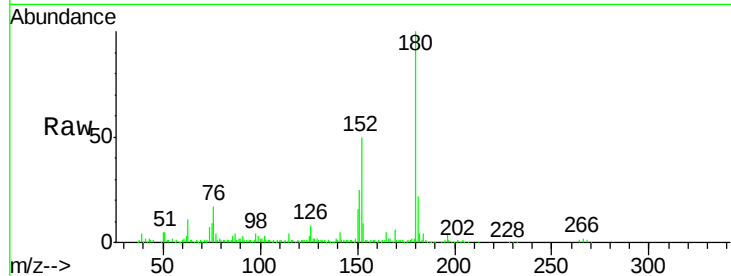




#69
 Pentachlorophenol
 Concen: 6.61 ng
 RT: 11.27 min Scan# 799
 Delta R.T. -0.01 min
 Lab File: BF081823.D
 Acq: 26 Sep 2015 12:53

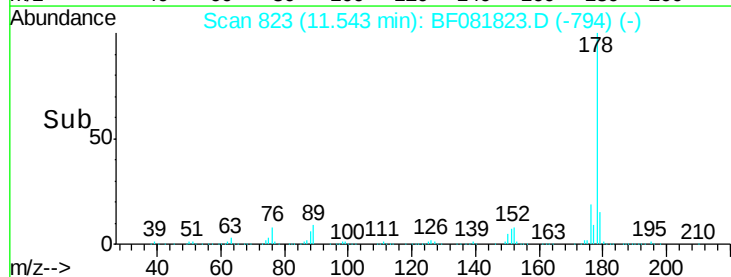
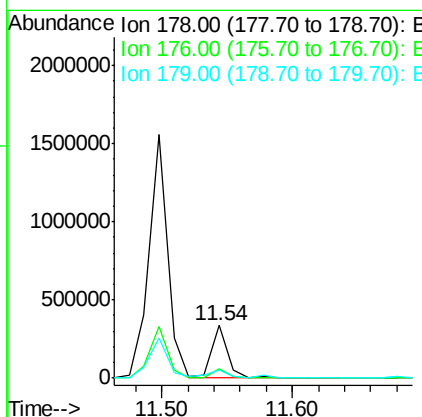
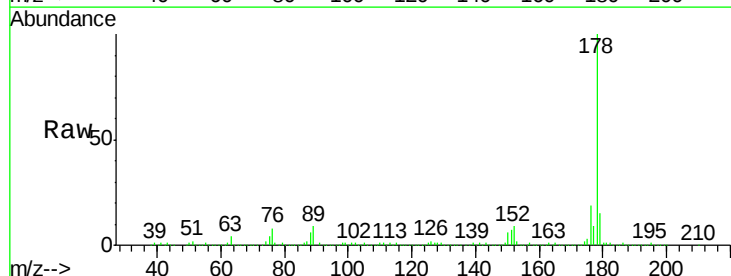
Instrument :
 BNA_F
 ClientSampleId :
 MW-2B

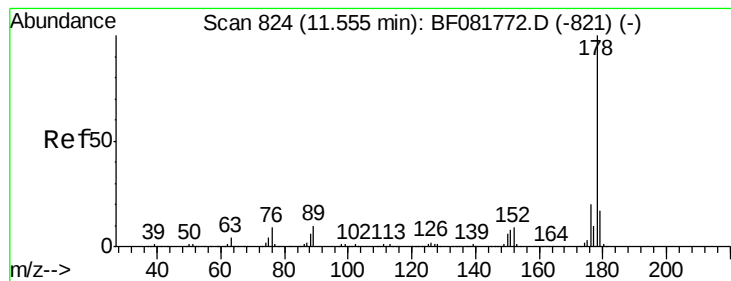
Tgt Ion: 266 Resp: 2912
 Ion Ratio Lower Upper
 266 100
 268 68.0 49.8 74.6
 264 63.7 50.2 75.2



#70
 Phenanthrene
 Concen: 11.59 ng
 RT: 11.54 min Scan# 823
 Delta R.T. 0.03 min
 Lab File: BF081823.D
 Acq: 26 Sep 2015 12:53

Tgt Ion: 178 Resp: 288102
 Ion Ratio Lower Upper
 178 100
 176 18.9 13.8 20.8
 179 15.4 12.2 18.2





#71

Anthracene

Concen: 12.03 ng

RT: 11.54 min Scan# 823

Delta R.T. -0.01 min

Lab File: BF081823.D

Acq: 26 Sep 2015 12:53

Instrument :

BNA_F

ClientSampleId :

MW-2B

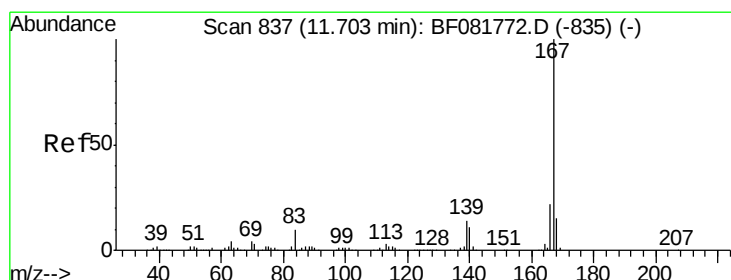
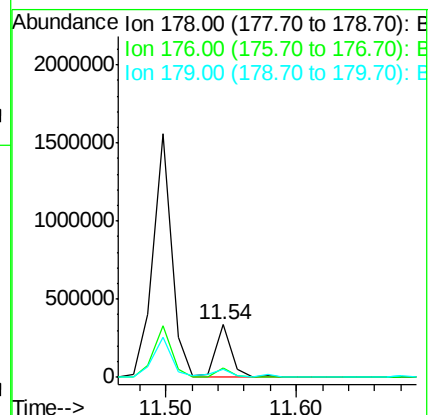
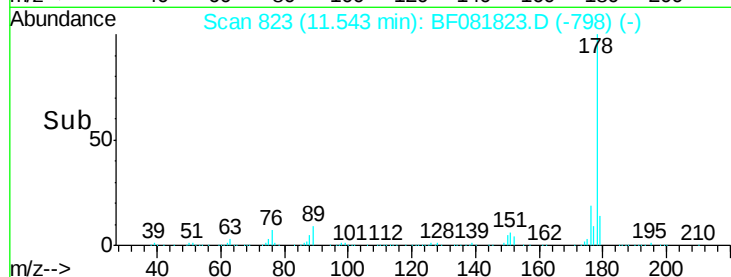
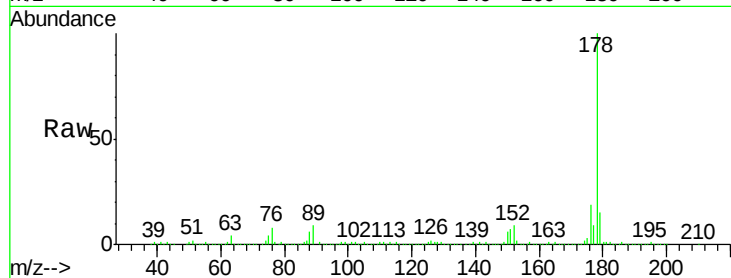
Tgt Ion:178 Resp: 288102

Ion Ratio Lower Upper

178 100

176 18.9 14.1 21.1

179 15.4 12.2 18.2



#72

Carbazole

Concen: 2.25 ng

RT: 11.70 min Scan# 837

Delta R.T. 0.00 min

Lab File: BF081823.D

Acq: 26 Sep 2015 12:53

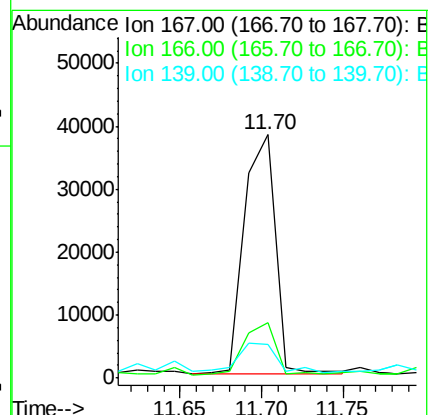
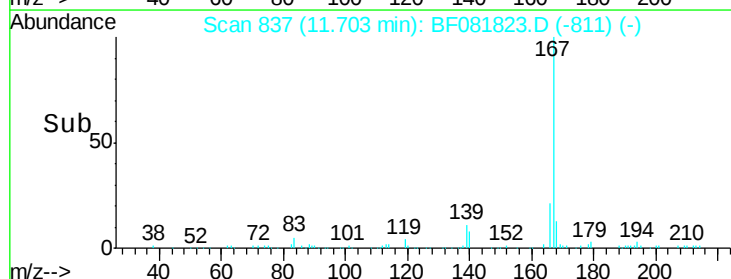
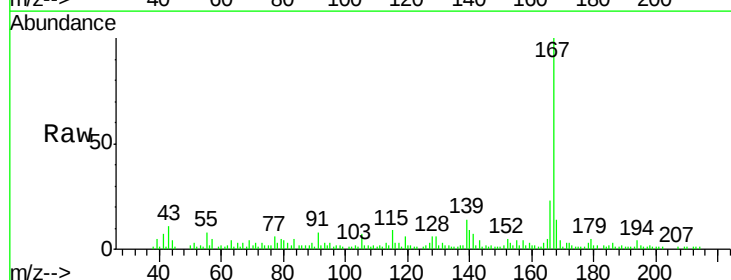
Tgt Ion:167 Resp: 50031

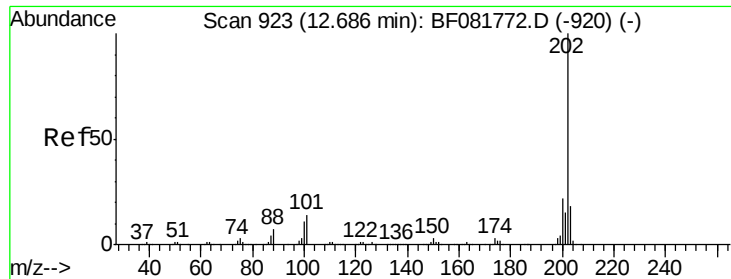
Ion Ratio Lower Upper

167 100

166 22.6 15.7 23.5

139 13.7 9.5 14.3





#74

Fluoranthene

Concen: 8.68 ng

RT: 12.69 min Scan# 923

Delta R.T. -0.00 min

Lab File: BF081823.D

Acq: 26 Sep 2015 12:53

Instrument :

BNA_F

ClientSampleId :

MW-2B

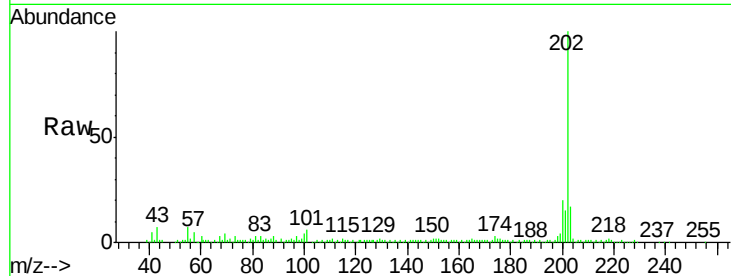
Tgt Ion: 202 Resp: 217480

Ion Ratio Lower Upper

202 100

101 6.1 0.0 38.3

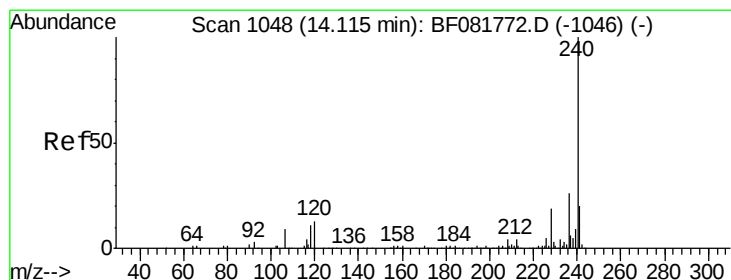
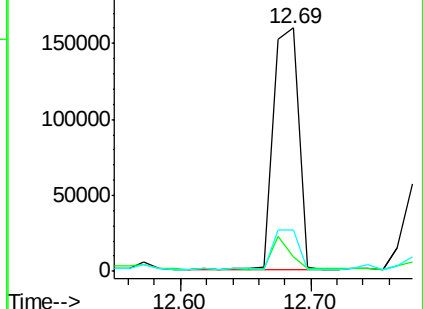
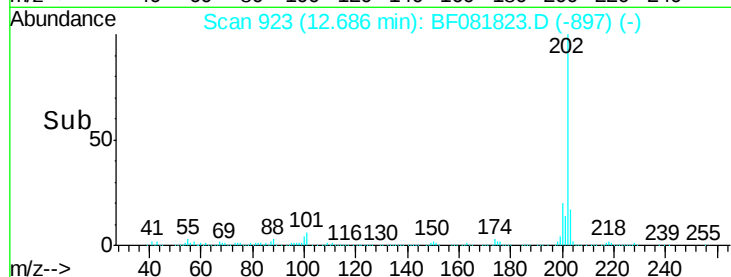
203 16.9 0.0 37.3



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: 14.12 min Scan# 1048

Delta R.T. 0.00 min

Lab File: BF081823.D

Acq: 26 Sep 2015 12:53

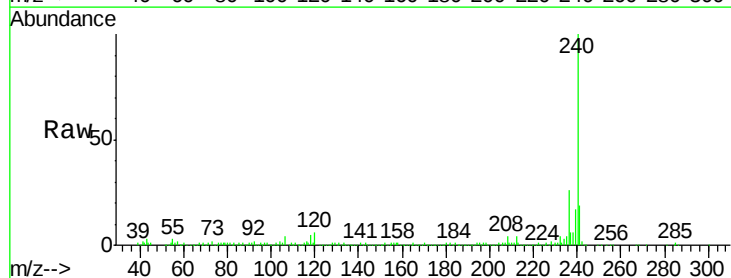
Tgt Ion: 240 Resp: 367033

Ion Ratio Lower Upper

240 100

120 5.9 16.2 24.2#

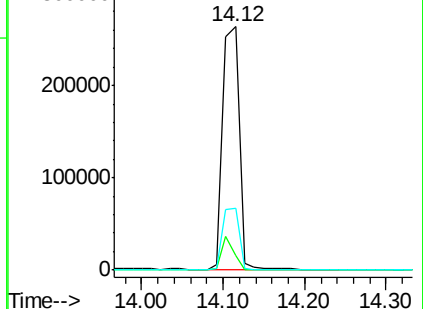
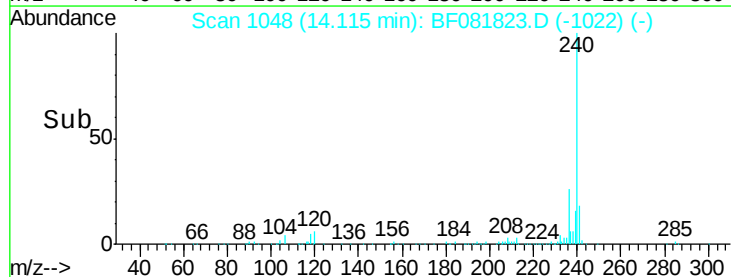
236 25.6 18.4 27.6

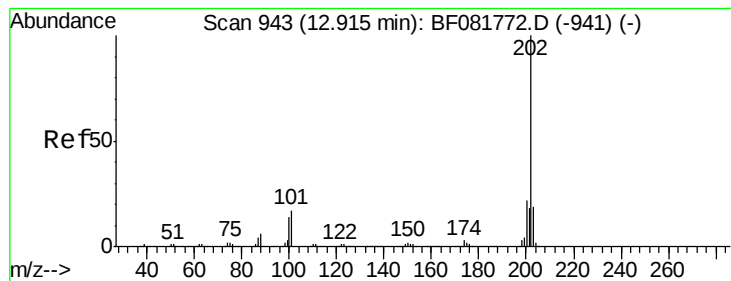


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pyrene

Concen: 9.61 ng

RT: 12.91 min Scan# 943

Delta R.T. -0.00 min

Lab File: BF081823.D

Acq: 26 Sep 2015 12:53

Instrument :

BNA_F

ClientSampleId :

MW-2B

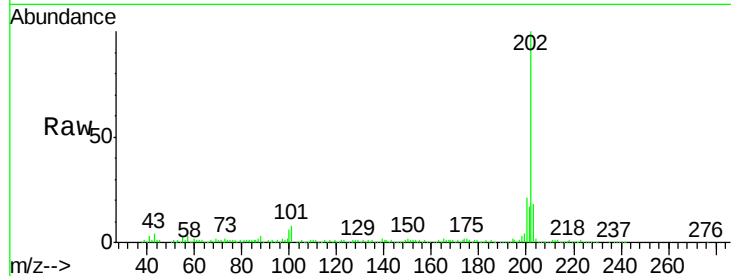
Tgt Ion:202 Resp: 265999

Ion Ratio Lower Upper

202 100

200 20.8 15.0 22.4

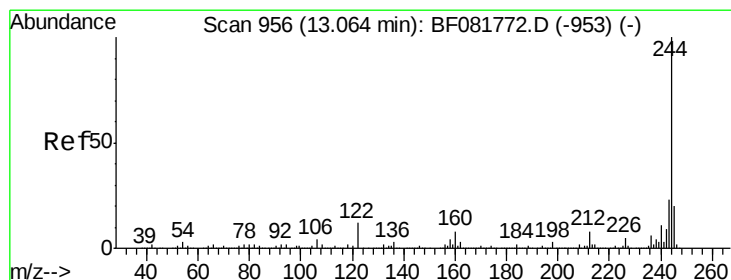
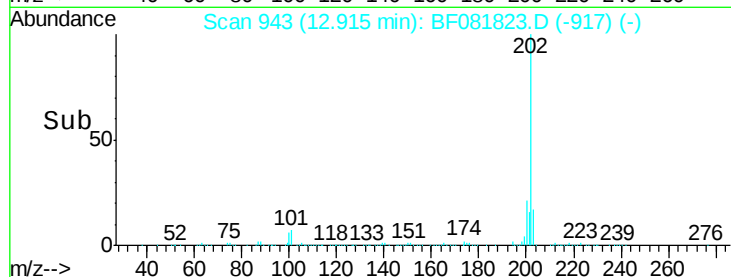
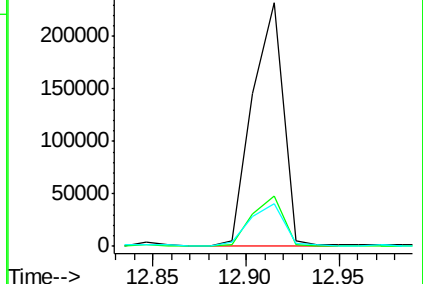
203 17.6 14.1 21.1



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: 82.01 ng

RT: 13.06 min Scan# 956

Delta R.T. 0.00 min

Lab File: BF081823.D

Acq: 26 Sep 2015 12:53

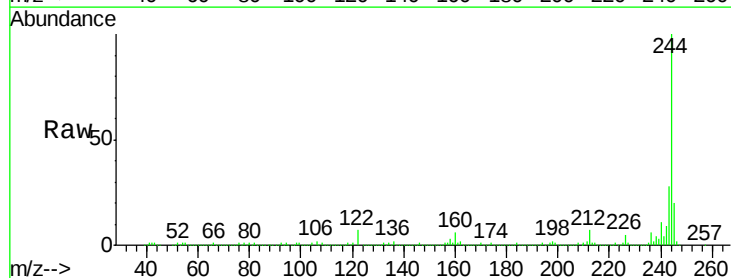
Tgt Ion:244 Resp: 1317700

Ion Ratio Lower Upper

244 100

212 7.4 4.3 6.5#

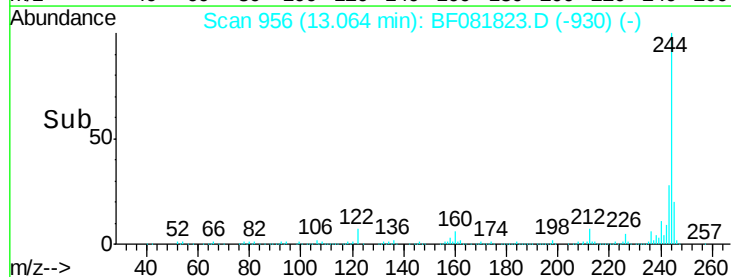
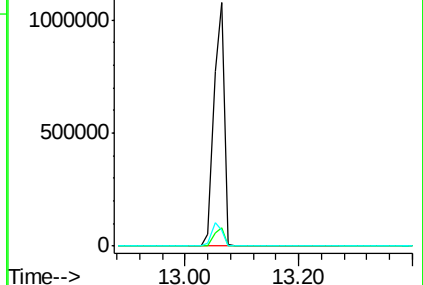
122 6.7 17.4 26.2#

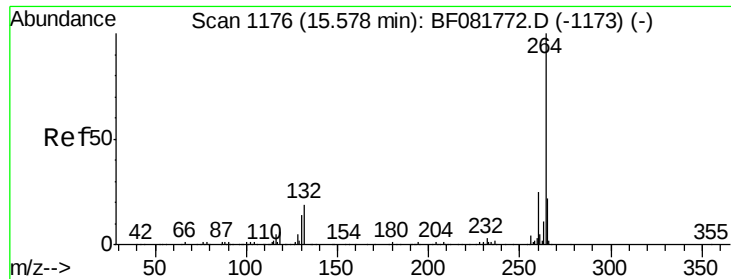


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.58 min Scan# 1176
Delta R.T. 0.00 min
Lab File: BF081823.D
Acq: 26 Sep 2015 12:53

Instrument :
BNA_F
ClientSampleId :
MW-2B

Tgt Ion:	264	Resp:	320893
Ion	Ratio	Lower	Upper
264	100		
260	24.0	16.7	25.1
265	22.6	17.2	25.8

