

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012017\
 Data File : BF092401.D
 Acq On : 21 Jan 2017 6:55
 Operator : UM/SJ
 Sample : I1266-03
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-01

Quant Time: Jan 22 23:53:16 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 06 15:43:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	418397	20.00	ng	0.04
21) Naphthalene-d8	8.10	136	18404	20.00	ng	0.16
38) Acenaphthene-d10	9.87	164	20885	20.00	ng	0.19
63) Phenanthrene-d10	11.34	188	19590	20.00	ng	0.19
75) Chrysene-d12	13.99	240	336	20.00	ng	0.21
86) Perylene-d12	15.39	264	1130	20.00	ng	0.24

System Monitoring Compounds

5) 2-Fluorophenol	5.12	112	506254	20.20	ng	-0.11
7) Phenol-d6	6.23	99	350058	11.44	ng	-0.08
23) Nitrobenzene-d5	7.10	82	650765	1966.22	ng	-0.11
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
44) 2-Fluorobiphenyl	0.00	172	0	0.00	ng	
78) Terphenyl-d14	0.00	244	0	0.00	ng	

Target Compounds

						Qvalue
9) Benzaldehyde	6.22	77	1655	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.10	70	126858	6.23	ng	82
22) Acetophenone	7.22	105	1263	2.78	ng	1
24) Nitrobenzene	7.41	77	12760	36.20	ng	67
25) Isophorone	7.60	82	142222	232.91	ng	51
26) 2-Nitrophenol	7.76	139	4827	27.77	ng	1
27) 2,4-Dimethylphenol	7.52	122	33272	115.40	ng	94
28) bis(2-Chloroethoxy)methane	7.84	93	10668	28.81	ng	1
31) Naphthalene	8.13	128	13678	16.24	ng	1
32) Benzoic acid	7.89	122	556	2.60	ng	1
33) 4-Chloroaniline	8.13	127	16251	42.79	ng	50
35) Caprolactam	8.56	113	26446	329.62	ng	1
36) 4-Chloro-3-methylphenol	8.63	107	10244	36.46	ng	51
37) 2-Methylnaphthalene	8.82	142	3931	5.56	ng	1
45) 1,1'-Biphenyl	9.25	154	7665	5.36	ng	1
46) 2-Chloronaphthalene	9.34	162	12256	10.82	ng	1
47) 2-Nitroaniline	9.40	65	34752	86.19	ng	43
49) Dimethylphthalate	9.60	163	43217	32.35	ng	32
50) 2,6-Dinitrotoluene	9.66	165	4374	14.96	ng	1
51) Acenaphthene	9.91	154	4711	3.99	ng	27
52) 3-Nitroaniline	9.83	138	8648	23.90	ng	47
53) 2,4-Dinitrophenol	9.94	184	1410	8.67	ng	1
54) Dibenzofuran	10.07	168	5475	3.43	ng	1
55) 4-Nitrophenol	10.04	139	5485	22.33	ng	1
56) 2,4-Dinitrotoluene	10.08	165	8331	22.70	ng	18
57) Fluorene	10.37	166	7654	6.60	ng	59
59) Diethylphthalate	10.31	149	67307	51.88	ng	40
60) 4-Chlorophenyl-phenylether	10.37	204	9900	19.49	ng	1
61) 4-Nitroaniline	10.51	138	6782	18.09	ng	1
62) Azobenzene	10.62	77	8100	5.67	ng	51
64) 4,6-Dinitro-2-methylphenol	10.42	198	608	5.13	ng	1
65) n-Nitrosodiphenylamine	10.51	169	5257	9.04	ng	51
68) Atrazine	11.09	200	2509	13.38	ng	1
69) Pentachlorophenol	11.22	266	434	4.06	ng	35

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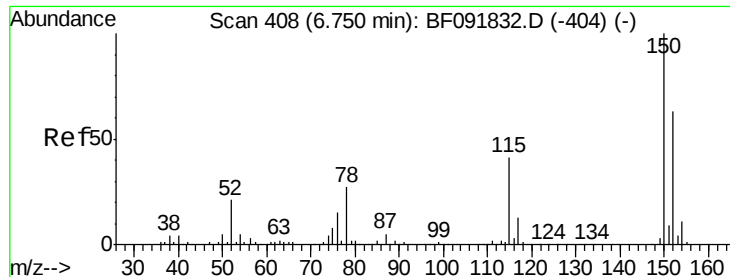
Instrument :
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

70) Phenanthrene	11.36	178	3429	3.23	ng	# 1
71) Anthracene	11.41	178	6956	5.23	ng	# 1
72) Carbazole	11.56	167	3837	3.19	ng	# 1
73) Di-n-butylphthalate	11.96	149	2684	Below	Cal	# 1
74) Fluoranthene	12.54	202	1038	Below	Cal	# 1
76) Benzidine	12.70	184	1033	Below	Cal	# 1
77) Pyrene	12.77	202	929	37.68	ng	# 1
79) Butylbenzylphthalate	13.41	149	1262	112.56	ng	# 1
80) Benzo(a)anthracene	13.96	228	309	16.29	ng	# 1
81) 3,3'-Dichlorobenzidine	13.93	252	656	91.21	ng	# 1
82) Chrysene	14.03	228	362	19.03	ng	# 1
83) Bis(2-ethylhexyl)phthalate	14.05	149	582	44.08	ng	# 52
84) Di-n-octyl phthalate	14.43	149	1228	50.20	ng	# 38
87) Benzo(b)fluoranthene	15.02	252	3198	45.46	ng	# 1
88) Benzo(k)fluoranthene	15.02	252	3198	53.31	ng	# 1
89) Benzo(a)pyrene	15.35	252	1655	26.50	ng	# 1

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.68 min Scan# 428

Delta R.T. 0.04 min

Lab File: BF092401.D

Acq: 21 Jan 2017 6:55

Instrument :

BNA_F

ClientSampled :

MW-01

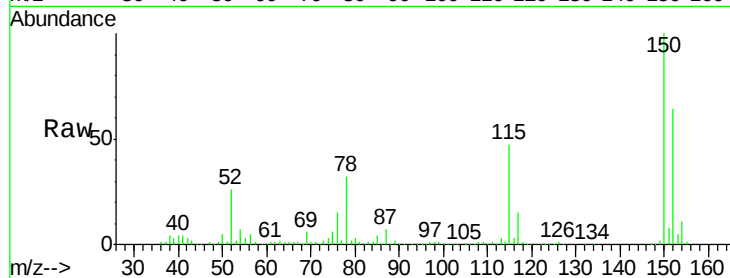
Tgt Ion:152 Resp: 418397

Ion Ratio Lower Upper

152 100

150 156.4 124.9 187.3

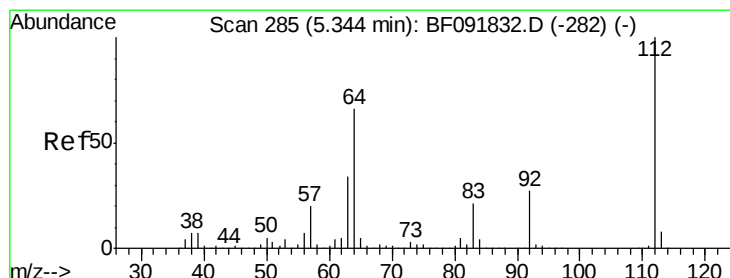
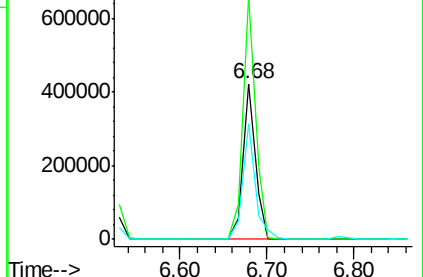
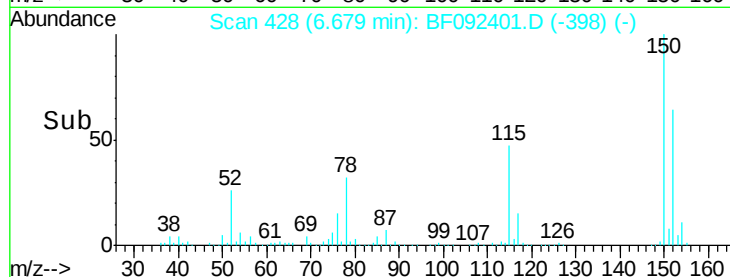
115 74.2 46.0 69.0#



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: 20.20 ng

RT: 5.12 min Scan# 292

Delta R.T. -0.11 min

Lab File: BF092401.D

Acq: 21 Jan 2017 6:55

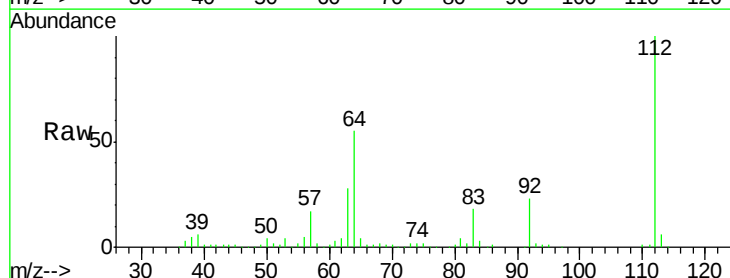
Tgt Ion:112 Resp: 506254

Ion Ratio Lower Upper

112 100

64 55.0 46.1 69.1

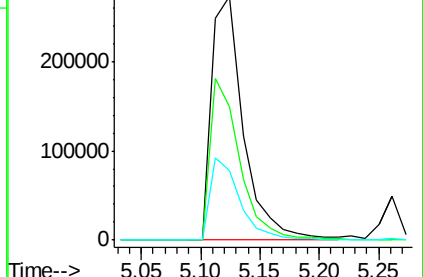
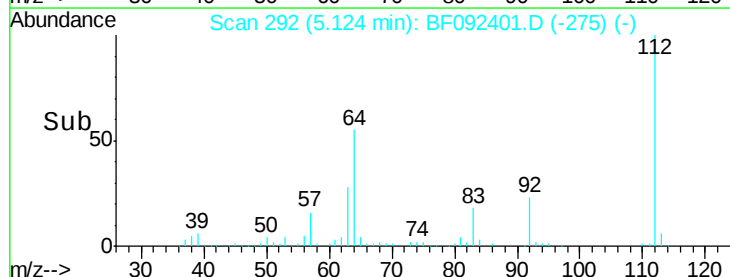
63 28.3 23.8 35.6

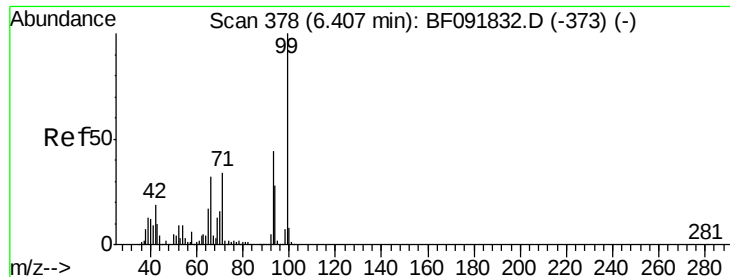


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 11.44 ng

RT: 6.23 min Scan# 389

Delta R.T. -0.08 min

Lab File: BF092401.D

Acq: 21 Jan 2017 6:55

Instrument :

BNA_F

ClientSampleId :

MW-01

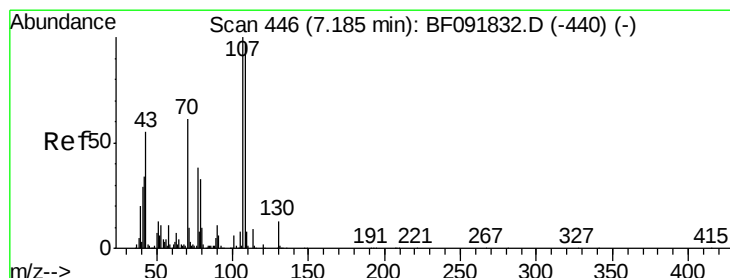
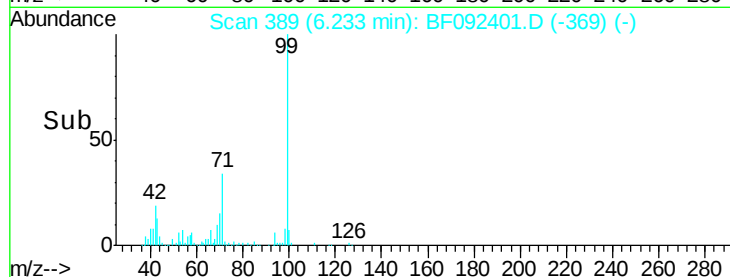
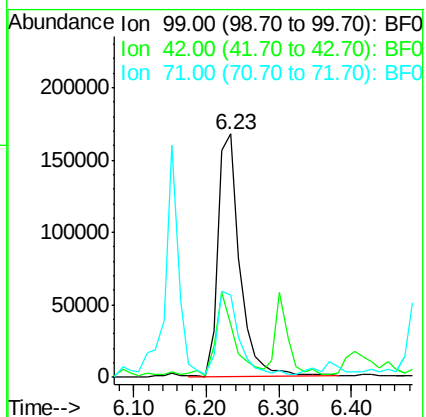
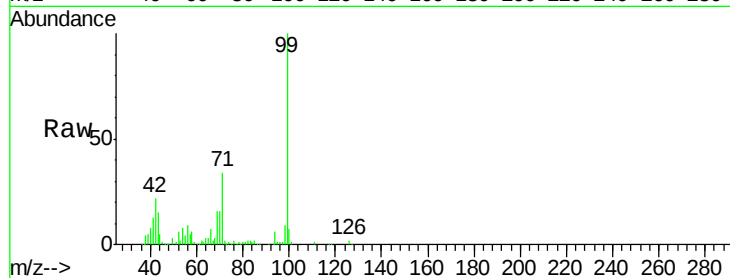
Tgt Ion: 99 Resp: 350058

Ion Ratio Lower Upper

99 100

42 21.7 15.6 23.4

71 34.1 27.5 41.3



#19

n-Nitroso-di-n-propylamine

Concen: 6.23 ng

RT: 7.10 min Scan# 465

Delta R.T. 0.03 min

Lab File: BF092401.D

Acq: 21 Jan 2017 6:55

Tgt Ion: 70 Resp: 126858

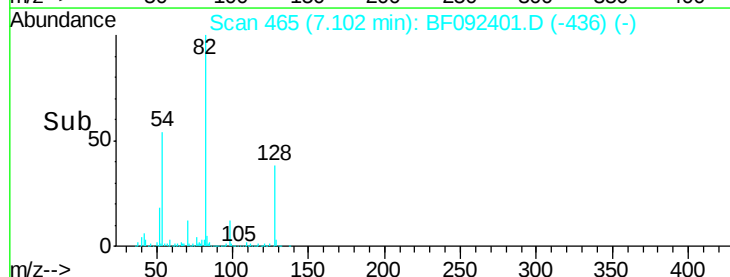
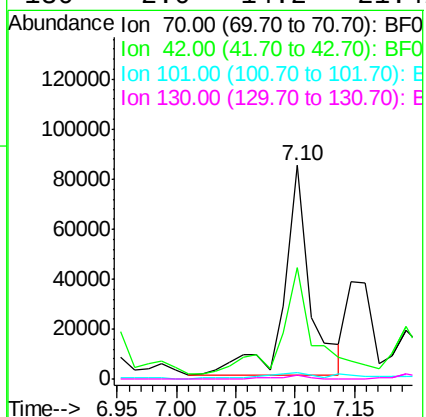
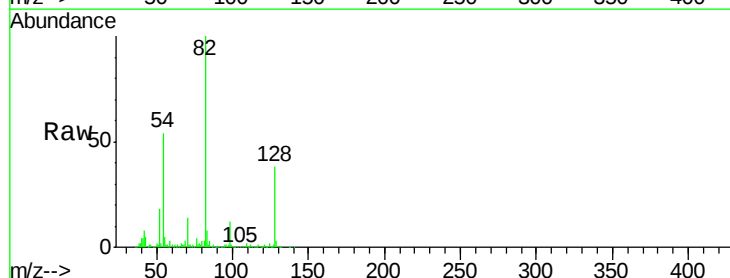
Ion Ratio Lower Upper

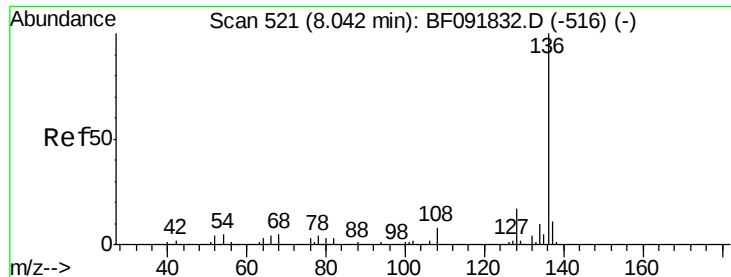
70 100

42 52.2 49.4 74.0

101 3.1 7.4 11.2#

130 2.0 14.2 21.4#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.10 min Scan# 552

Delta R.T. 0.16 min

Lab File: BF092401.D

Acq: 21 Jan 2017 6:55

Instrument :

BNA_F

ClientSampleId :

MW-01

Tgt Ion:136 Resp: 18404

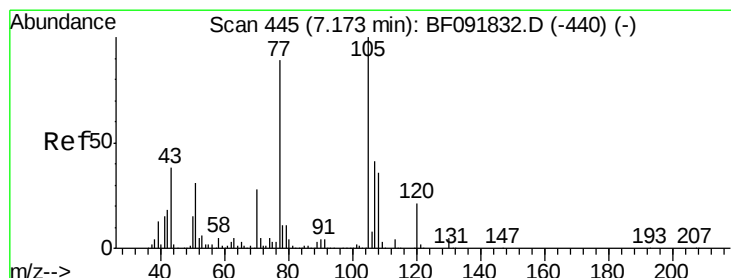
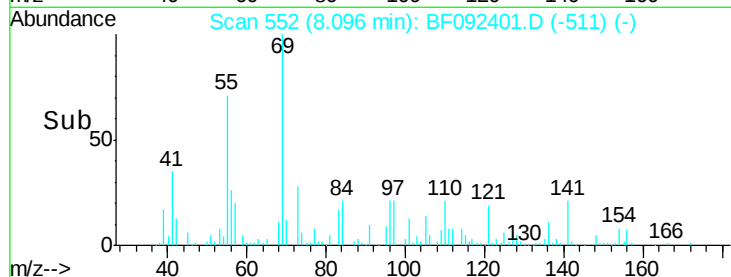
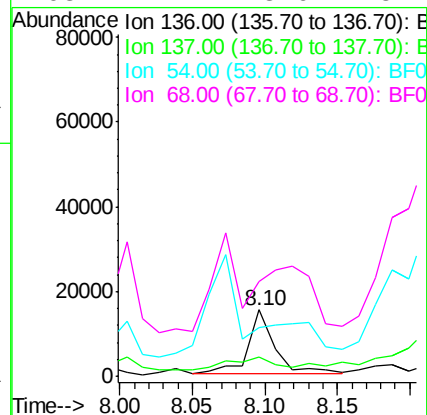
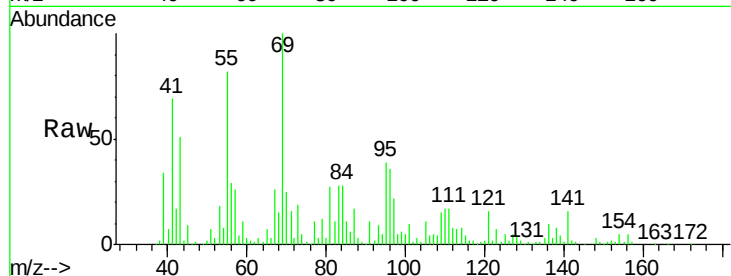
Ion Ratio Lower Upper

136 100

137 29.0 8.4 12.6#

54 73.4 4.5 6.7#

68 142.2 3.6 5.4#



#22

Acetophenone

Concen: 2.78 ng

RT: 7.22 min Scan# 475

Delta R.T. 0.15 min

Lab File: BF092401.D

Acq: 21 Jan 2017 6:55

Tgt Ion:105 Resp: 1263

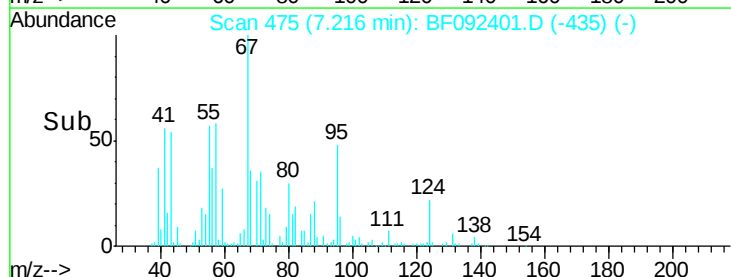
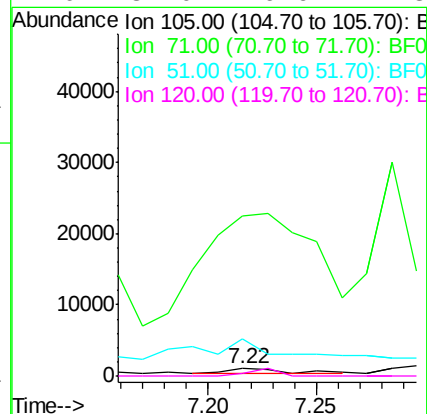
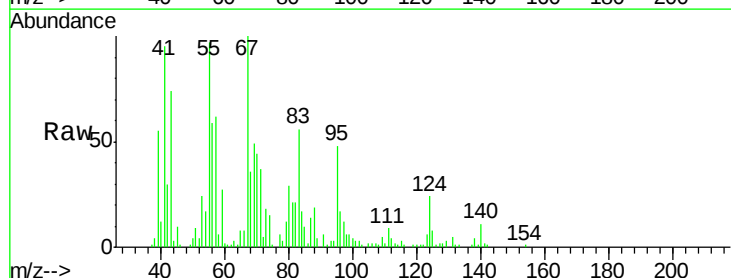
Ion Ratio Lower Upper

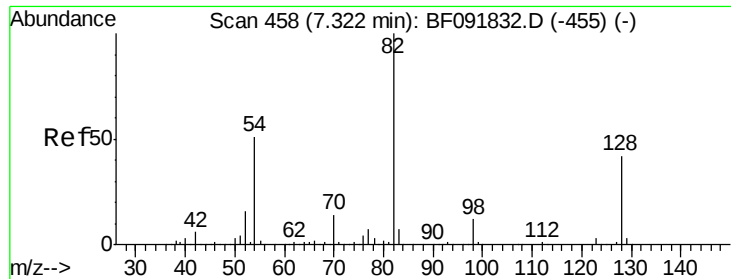
105 100

71 2148.6 3.2 4.8#

51 502.2 26.2 39.4#

120 34.0 16.6 24.8#

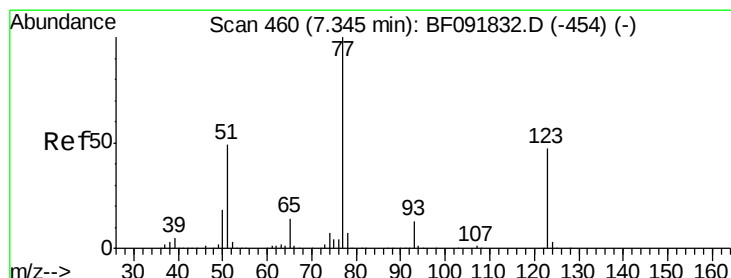
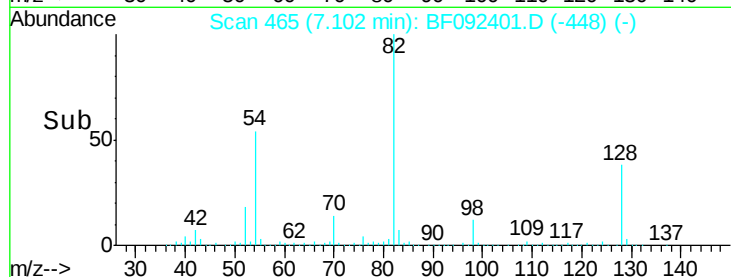
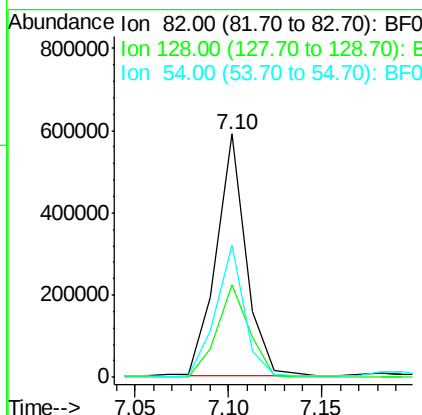
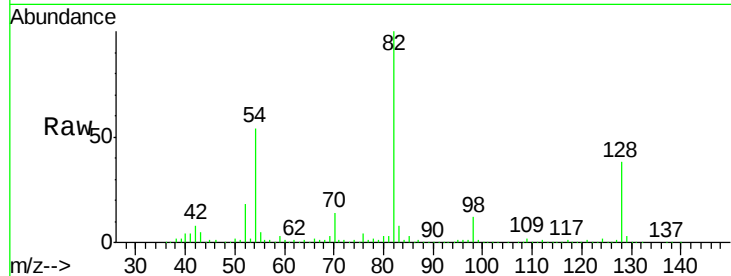




#23
 Nitrobenzene-d5
 Concen: 1966.22 ng
 RT: 7.10 min Scan# 465
 Delta R.T. -0.11 min
 Lab File: BF092401.D
 Acq: 21 Jan 2017 6:55

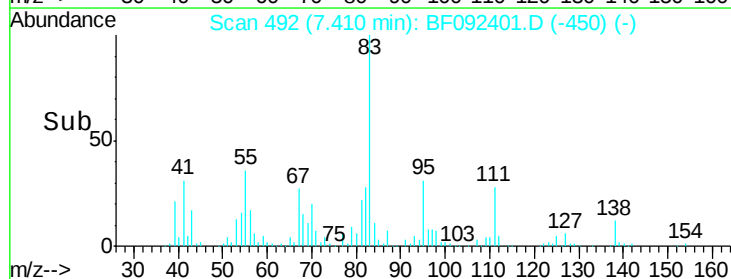
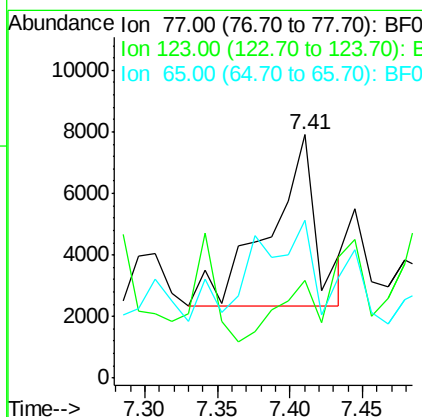
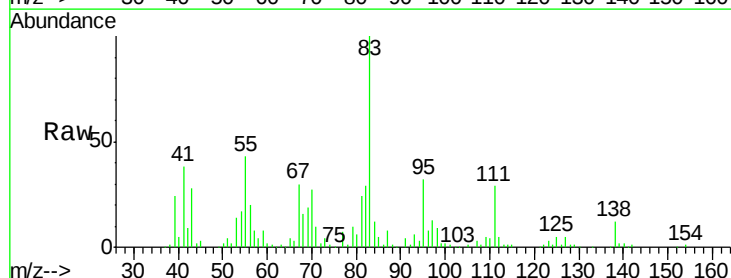
Instrument :
 BNA_F
 ClientSampleId :
 MW-01

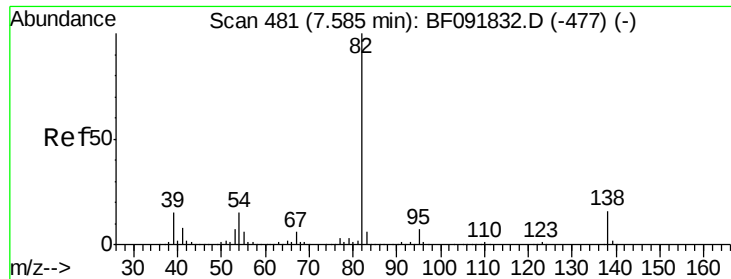
Tgt Ion	Ratio	Lower	Upper
82	100		
128	37.8	34.6	52.0
54	54.2	39.5	59.3



#24
 Nitrobenzene
 Concen: 36.20 ng
 RT: 7.41 min Scan# 492
 Delta R.T. 0.17 min
 Lab File: BF092401.D
 Acq: 21 Jan 2017 6:55

Tgt Ion	Ratio	Lower	Upper
77	100		
123	40.2	33.0	49.4
65	65.1	11.2	16.8#





#25

Isophorone

Concen: 232.91 ng

RT: 7.60 min Scan# 509

Delta R.T. 0.13 min

Lab File: BF092401.D

Acq: 21 Jan 2017 6:55

Instrument :

BNA_F

ClientSampleId :

MW-01

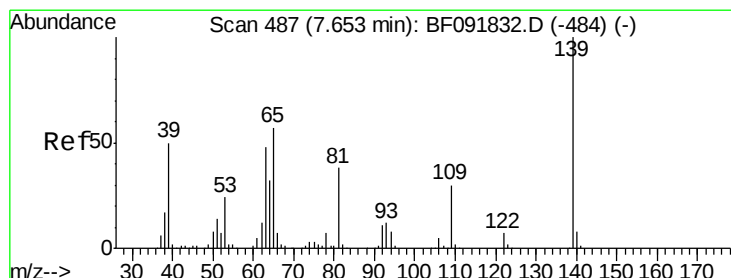
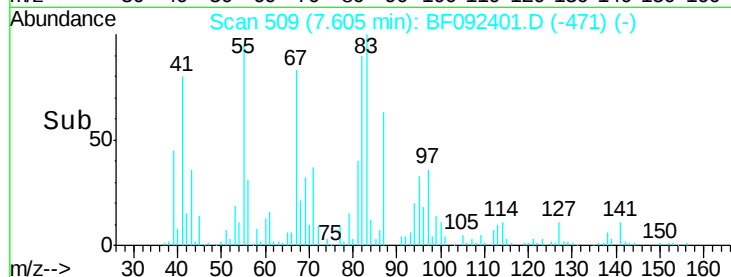
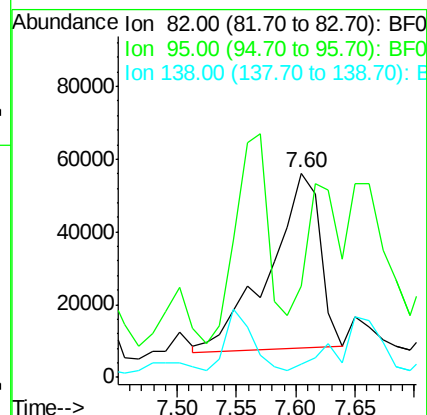
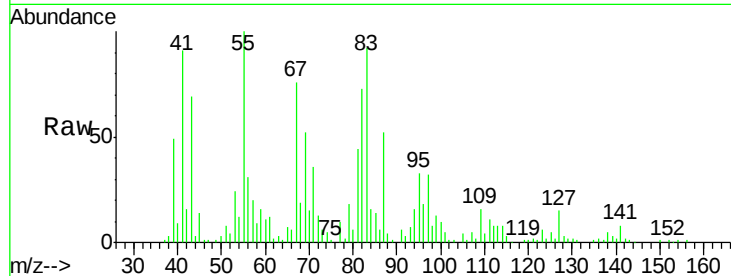
Tgt Ion: 82 Resp: 142222

Ion Ratio Lower Upper

82 100

95 44.9 5.6 8.4#

138 6.6 14.6 22.0#



#26

2-Nitrophenol

Concen: 27.77 ng

RT: 7.76 min Scan# 523

Delta R.T. 0.21 min

Lab File: BF092401.D

Acq: 21 Jan 2017 6:55

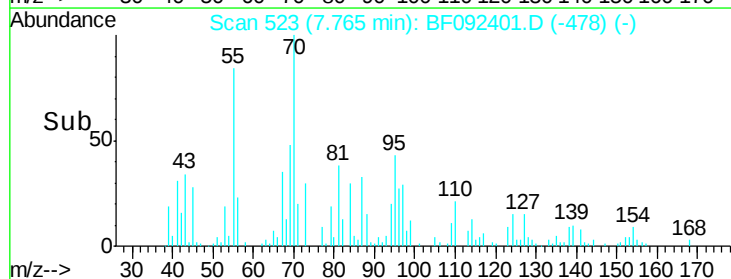
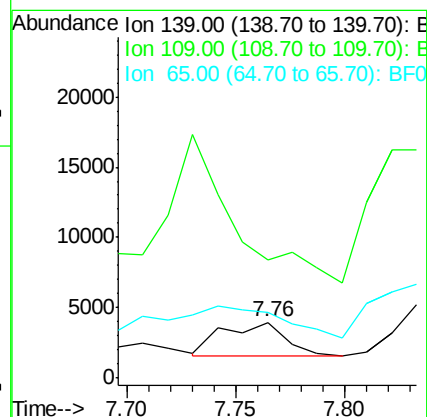
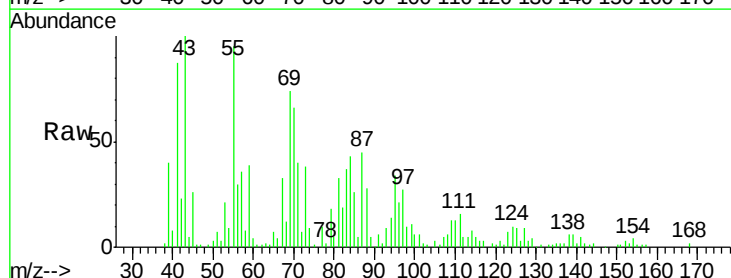
Tgt Ion: 139 Resp: 4827

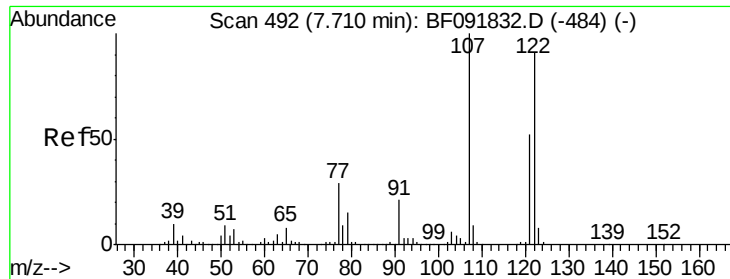
Ion Ratio Lower Upper

139 100

109 214.0 23.3 34.9#

65 117.7 42.7 64.1#

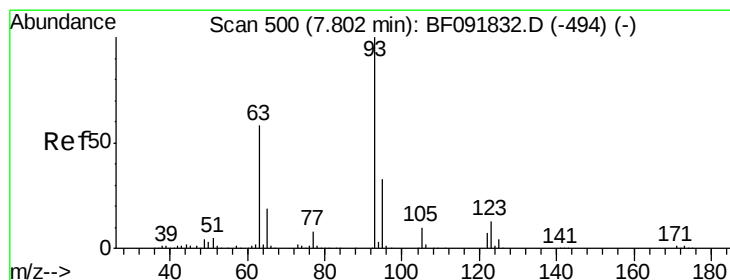
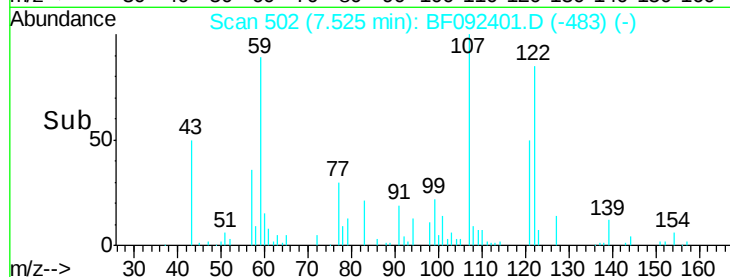
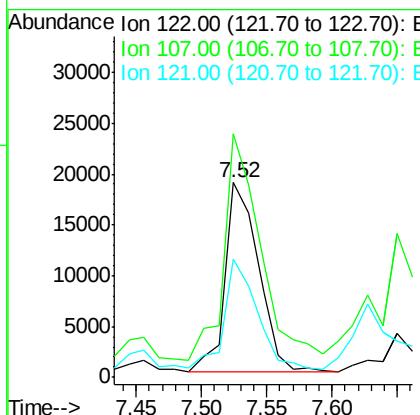
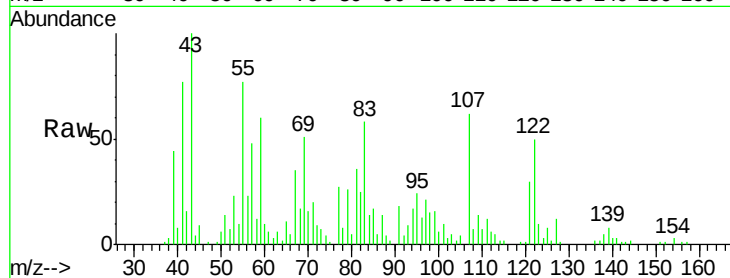




#27
2,4-Dimethylphenol
Concen: 115.40 ng
RT: 7.52 min Scan# 502
Delta R.T. -0.09 min
Lab File: BF092401.D
Acq: 21 Jan 2017 6:55

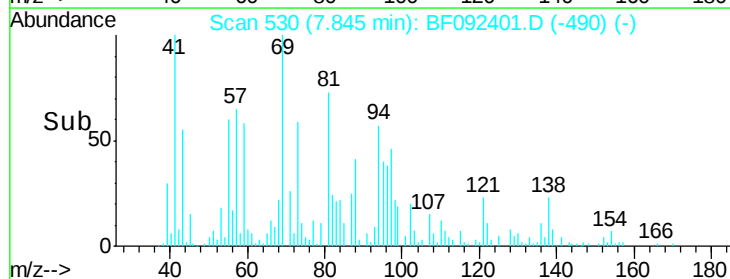
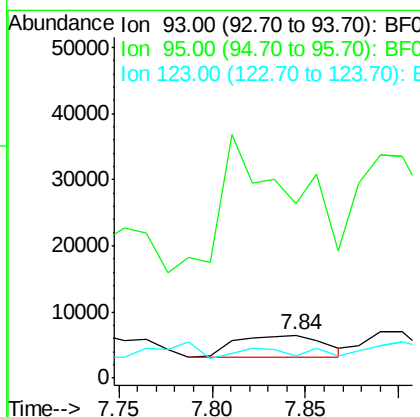
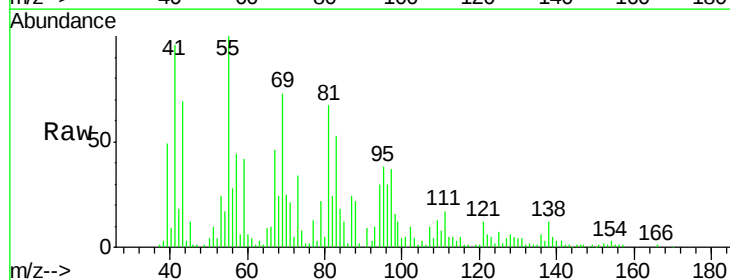
Instrument :
BNA_F
ClientSampled :
MW-01

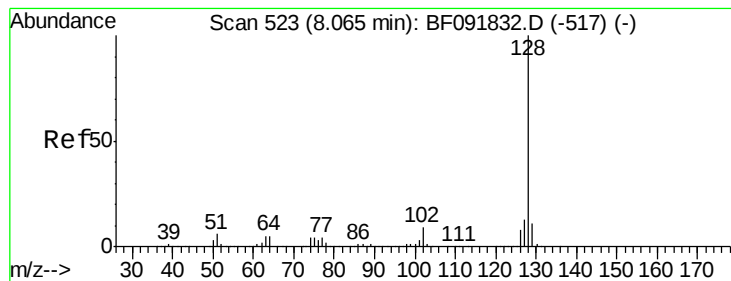
Tgt Ion: 122 Resp: 33272
Ion Ratio Lower Upper
122 100
107 125.3 94.1 141.1
121 60.7 46.0 69.0



#28
bis(2-Chloroethoxy)methane
Concen: 28.81 ng
RT: 7.84 min Scan# 530
Delta R.T. 0.15 min
Lab File: BF092401.D
Acq: 21 Jan 2017 6:55

Tgt Ion: 93 Resp: 10668
Ion Ratio Lower Upper
93 100
95 402.0 26.5 39.7#
123 52.0 8.6 13.0#





#31

Naphthalene

Concen: 16.24 ng

RT: 8.13 min Scan# 555

Delta R.T. 0.17 min

Lab File: BF092401.D

Acq: 21 Jan 2017 6:55

Instrument :

BNA_F

ClientSampleId :

MW-01

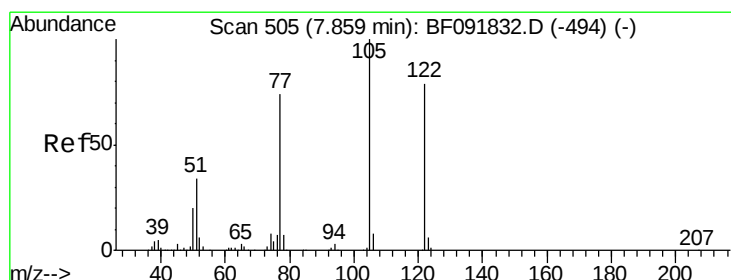
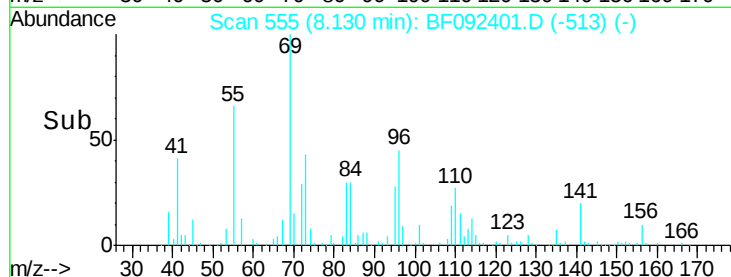
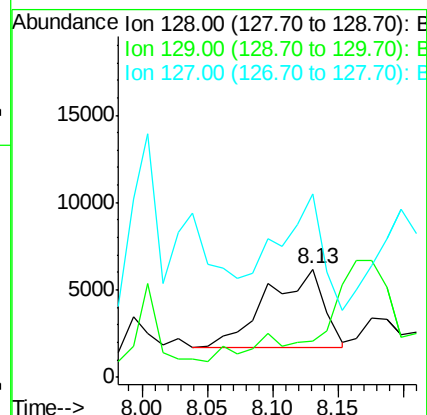
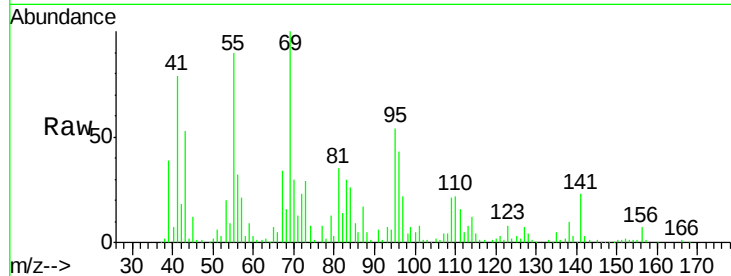
Tgt Ion:128 Resp: 13678

Ion Ratio Lower Upper

128 100

129 33.2 9.5 14.3#

127 169.8 10.8 16.2#



#32

Benzoic acid

Concen: 2.60 ng

RT: 7.89 min Scan# 534

Delta R.T. 0.14 min

Lab File: BF092401.D

Acq: 21 Jan 2017 6:55

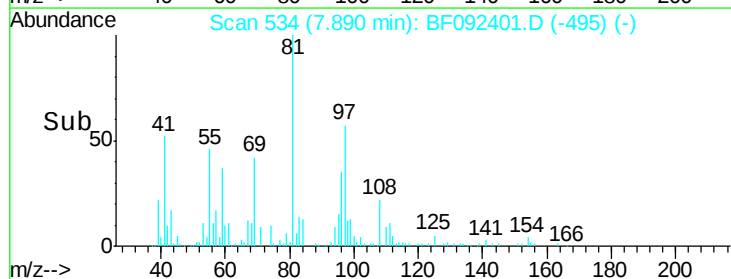
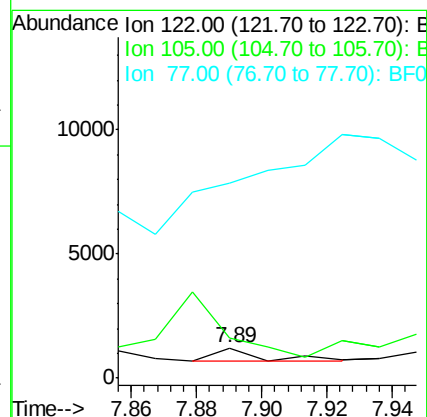
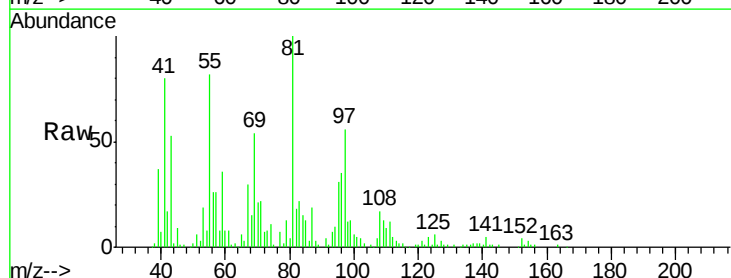
Tgt Ion:122 Resp: 556

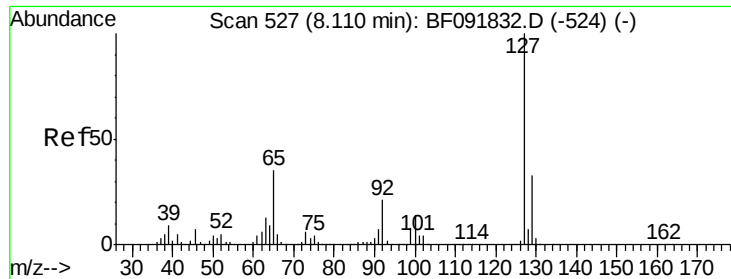
Ion Ratio Lower Upper

122 100

105 132.0 107.2 147.2

77 642.0 74.5 114.5#

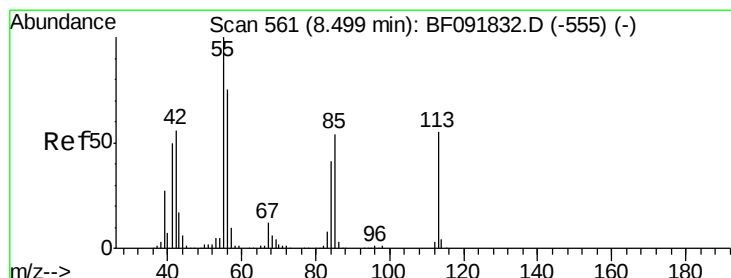
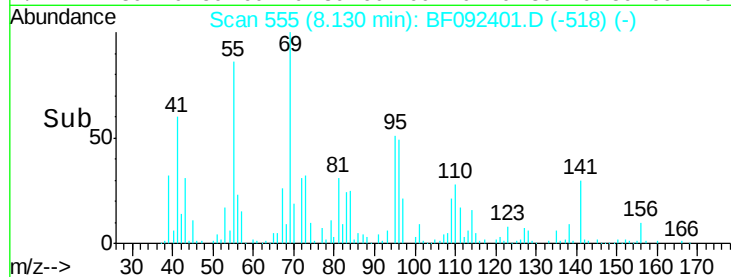
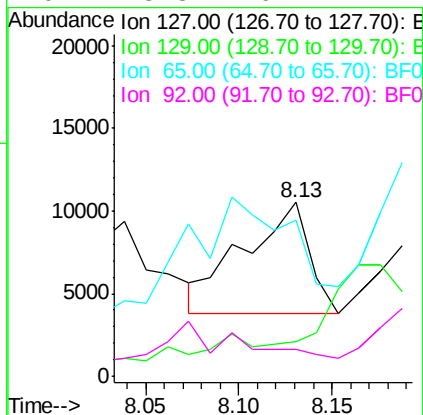
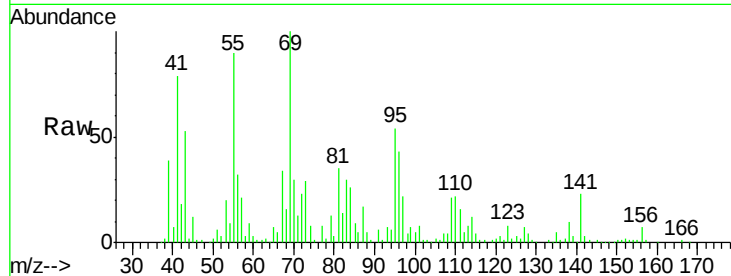




#33
4-Chloroaniline
Concen: 42.79 ng
RT: 8.13 min Scan# 555
Delta R.T. 0.12 min
Lab File: BF092401.D
Acq: 21 Jan 2017 6:55

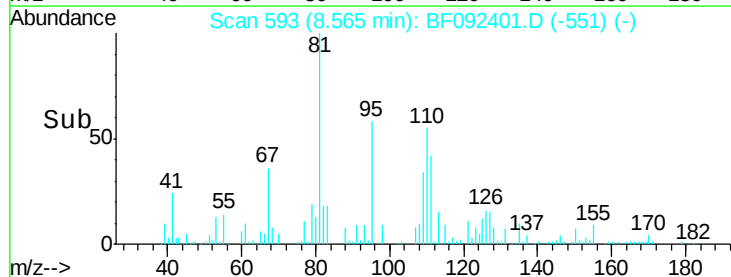
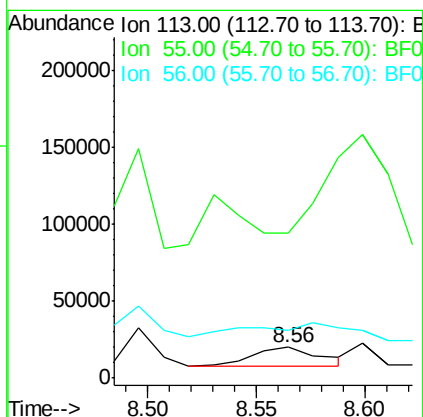
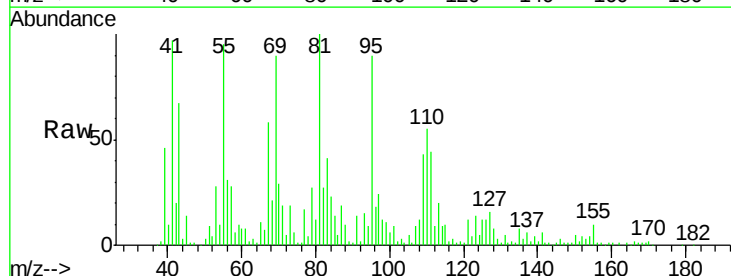
Instrument :
BNA_F
ClientSampleId :
MW-01

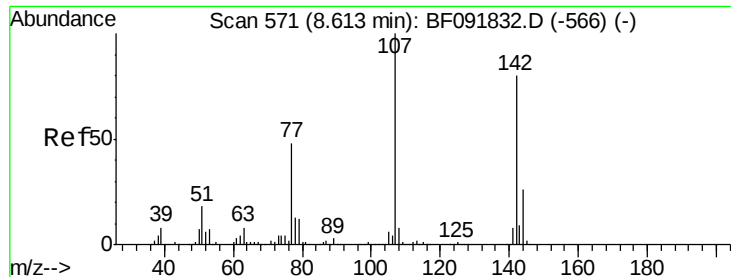
Tgt Ion:	127	Resp:	16251
Ion	Ratio	Lower	Upper
127	100		
129	19.6	26.3	39.5#
65	89.9	25.8	38.8#
92	15.8	16.1	24.1#



#35
Caprolactam
Concen: 329.62 ng
RT: 8.56 min Scan# 593
Delta R.T. 0.17 min
Lab File: BF092401.D
Acq: 21 Jan 2017 6:55

Tgt Ion:	113	Resp:	26446
Ion	Ratio	Lower	Upper
113	100		
55	472.9	119.2	159.2#
56	154.6	83.8	123.8#

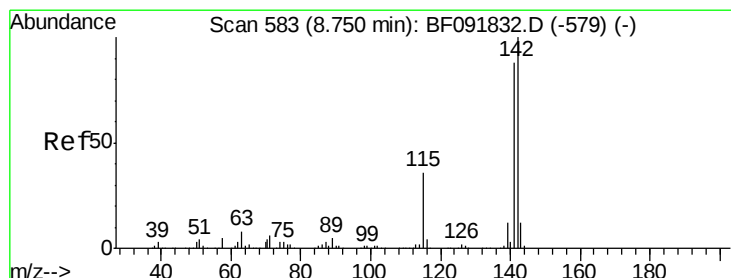
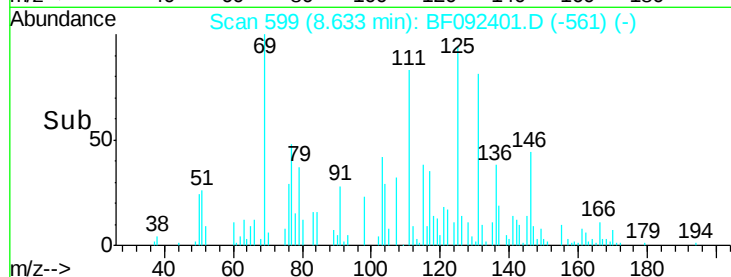
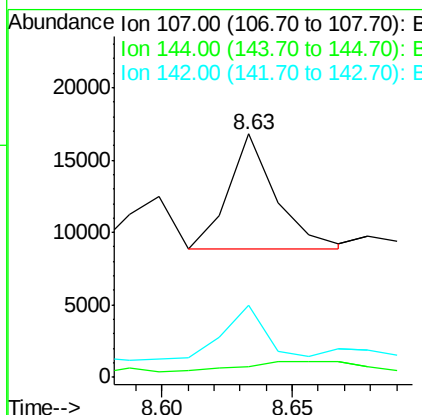
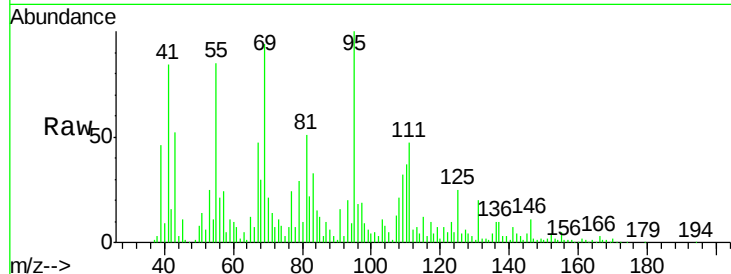




#36
 4-Chloro-3-methylphenol
 Concen: 36.46 ng
 RT: 8.63 min Scan# 599
 Delta R.T. 0.13 min
 Lab File: BF092401.D
 Acq: 21 Jan 2017 6:55

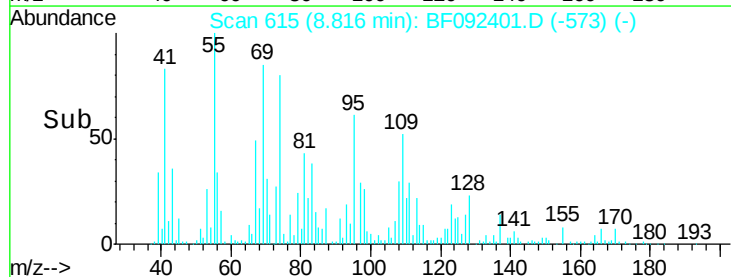
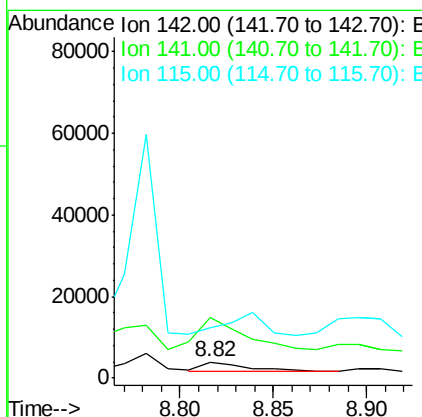
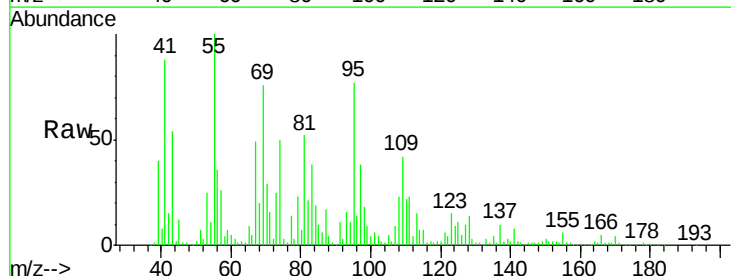
Instrument :
 BNA_F
 ClientSampleId :
 MW-01

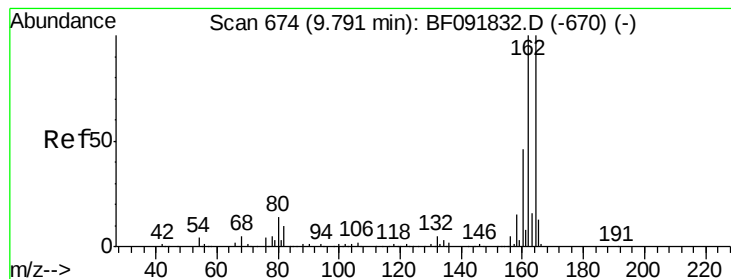
Tgt Ion:107 Resp: 10244
 Ion Ratio Lower Upper
 107 100
 144 4.3 19.3 28.9#
 142 29.5 59.0 88.6#



#37
 2-Methylnaphthalene
 Concen: 5.56 ng
 RT: 8.82 min Scan# 615
 Delta R.T. 0.17 min
 Lab File: BF092401.D
 Acq: 21 Jan 2017 6:55

Tgt Ion:142 Resp: 3931
 Ion Ratio Lower Upper
 142 100
 141 386.9 71.0 106.6#
 115 321.0 28.3 42.5#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.87 min Scan# 707

Delta R.T. 0.19 min

Lab File: BF092401.D

Acq: 21 Jan 2017 6:55

Instrument :

BNA_F

ClientSampleId :

MW-01

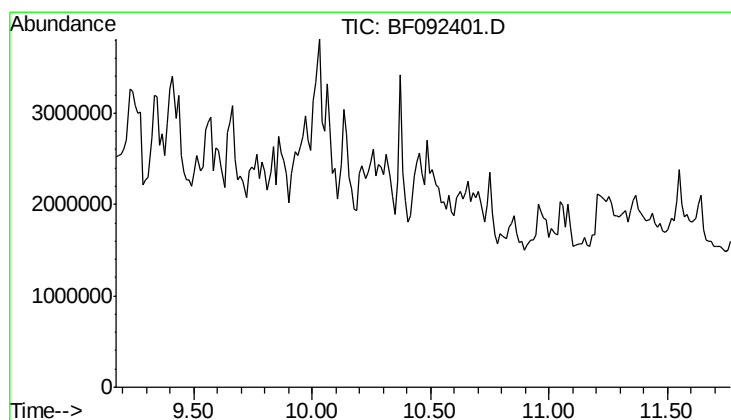
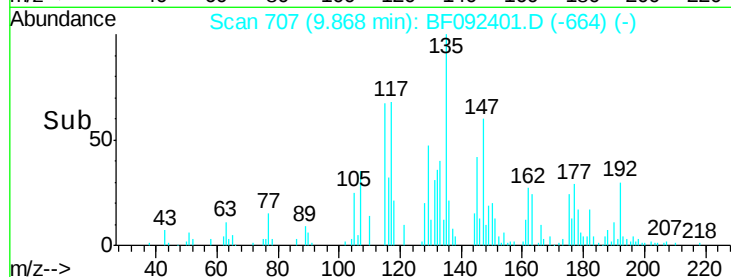
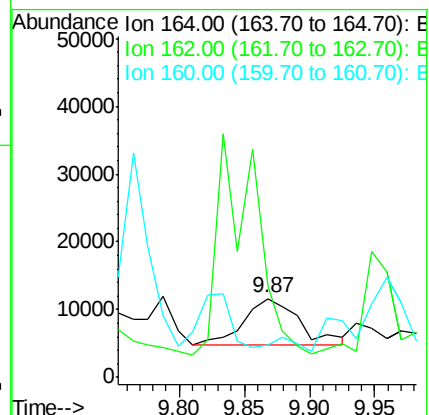
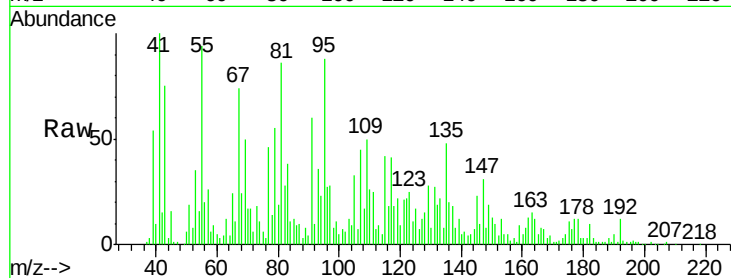
Tgt Ion: 164 Resp: 20885

Ion Ratio Lower Upper

164 100

162 115.0 80.2 120.2

160 41.1 36.9 55.3



#41

2,4,6-Tribromophenol

Concen: 0.00 ng

Expected RT: 10.47 min

Lab File: BF092401.D

Acq: 21 Jan 2017 6:55

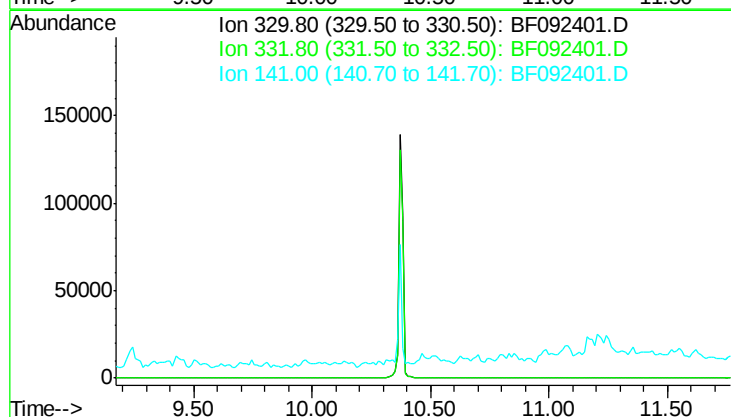
Tgt Ion: 330

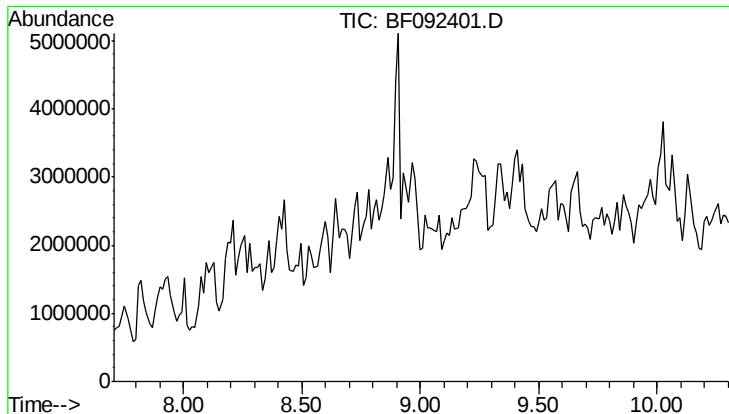
Sig Exp Ratio

330 100

332 96.8

141 42.6

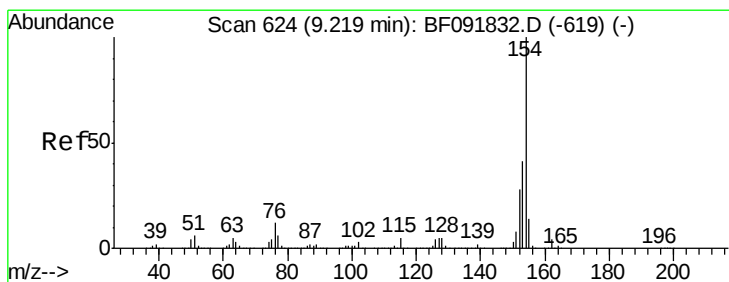
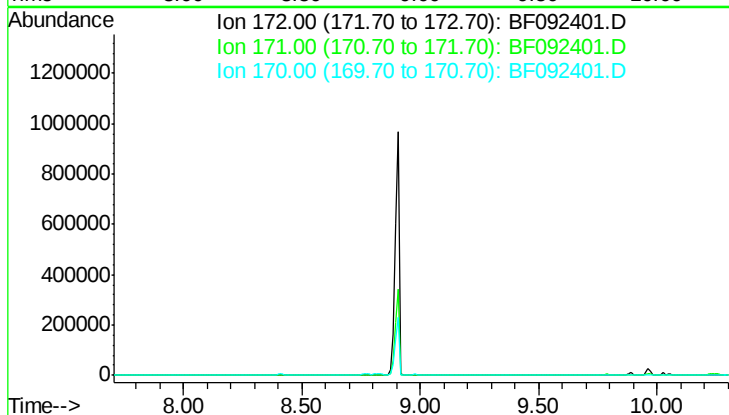




#44
2-Fluorobiphenyl
Concen: 0.00 ng
Expected RT: 9.01 min
Lab File: BF092401.D
Acq: 21 Jan 2017 6:55

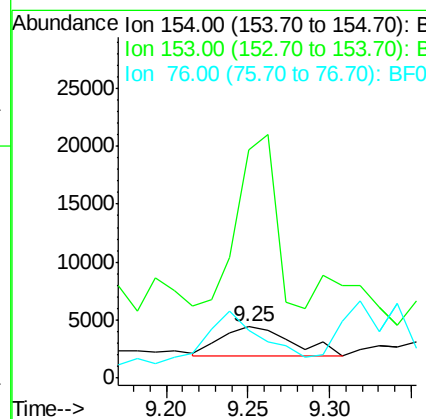
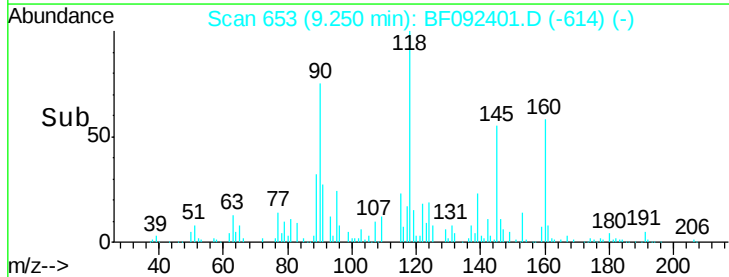
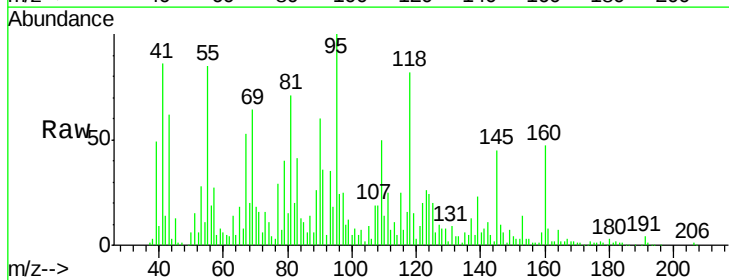
Instrument :
BNA_F
ClientSampleId :
MW-01

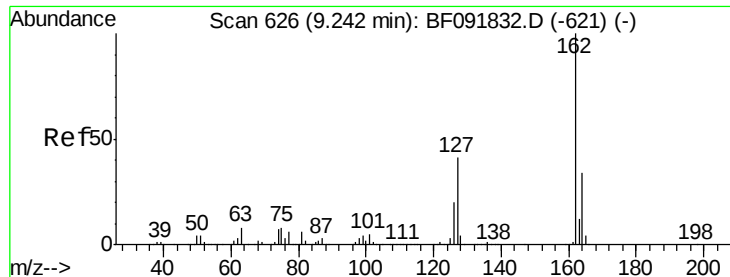
Tgt Ion: 172
Sig Exp Ratio
172 100
171 36.7
170 25.3



#45
1,1'-Biphenyl
Concen: 5.36 ng
RT: 9.25 min Scan# 653
Delta R.T. 0.14 min
Lab File: BF092401.D
Acq: 21 Jan 2017 6:55

Tgt Ion: 154 Resp: 7665
Ion Ratio Lower Upper
154 100
153 447.2 20.9 60.9#
76 93.9 0.0 30.5#

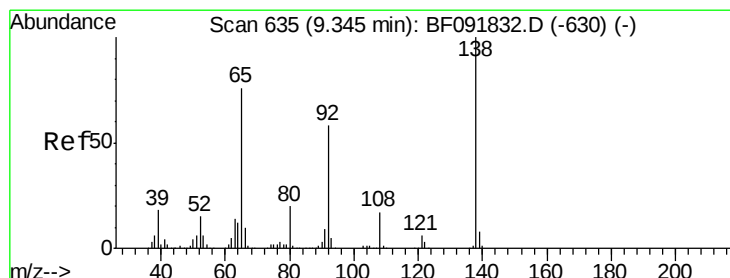
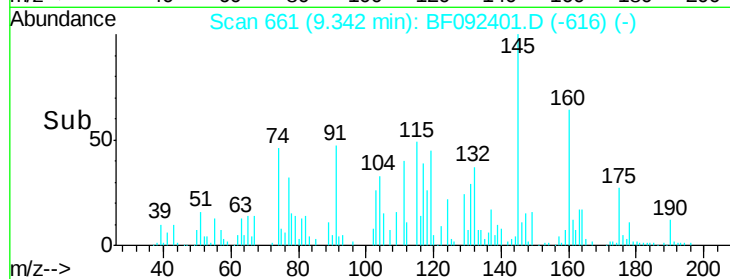
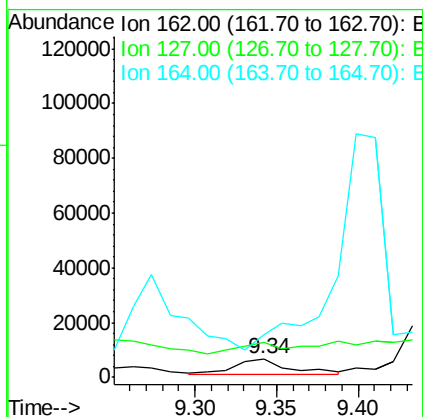
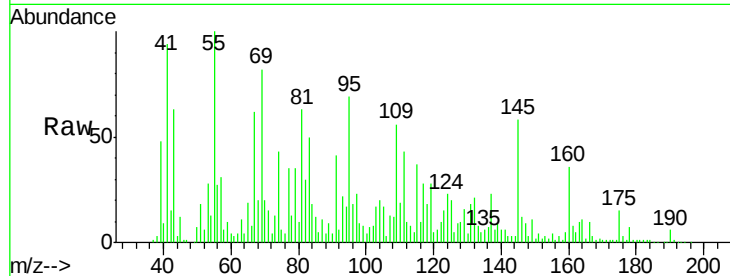




#46
 2-Chloronaphthalene
 Concen: 10.82 ng
 RT: 9.34 min Scan# 661
 Delta R.T. 0.21 min
 Lab File: BF092401.D
 Acq: 21 Jan 2017 6:55

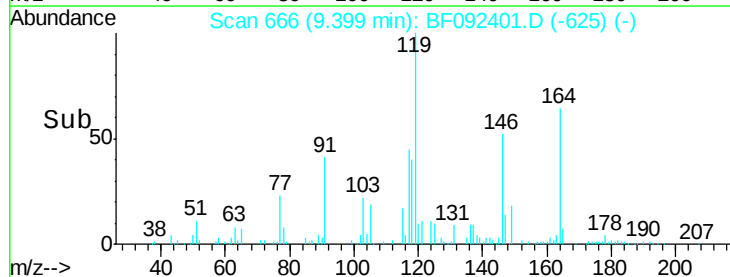
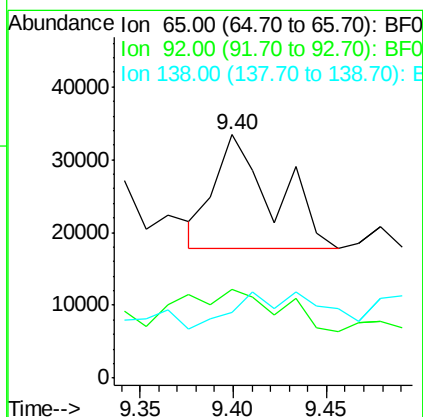
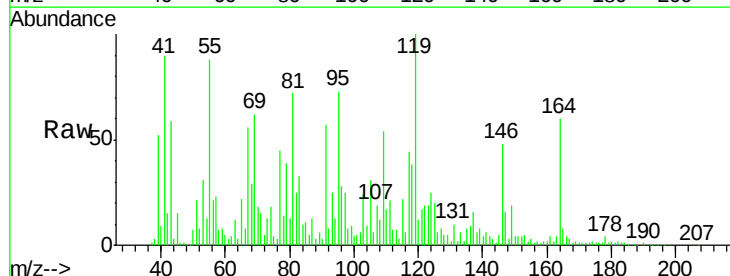
Instrument :
 BNA_F
 ClientSampleId :
 MW-01

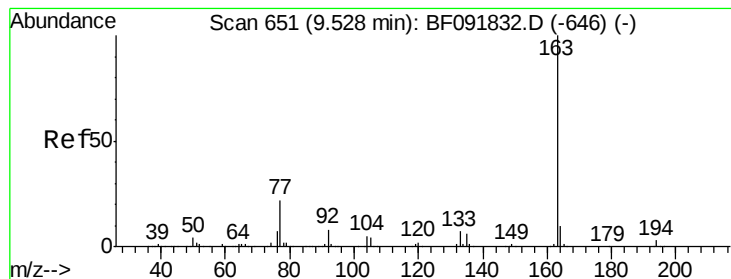
Tgt Ion	Ratio	Lower	Upper
162	100		
127	190.3	30.7	46.1#
164	227.5	27.6	41.4#



#47
 2-Nitroaniline
 Concen: 86.19 ng
 RT: 9.40 min Scan# 666
 Delta R.T. 0.16 min
 Lab File: BF092401.D
 Acq: 21 Jan 2017 6:55

Tgt Ion	Ratio	Lower	Upper
65	100		
92	36.4	53.9	80.9#
138	26.9	76.8	115.2#





#49

Dimethylphthalate

Concen: 32.35 ng

RT: 9.60 min Scan# 684

Delta R.T. 0.19 min

Lab File: BF092401.D

Acq: 21 Jan 2017 6:55

Instrument :

BNA_F

ClientSampleId :

MW-01

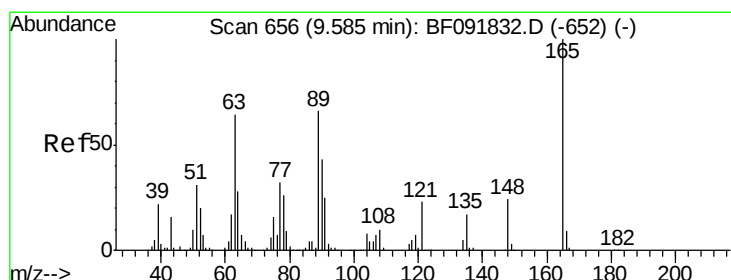
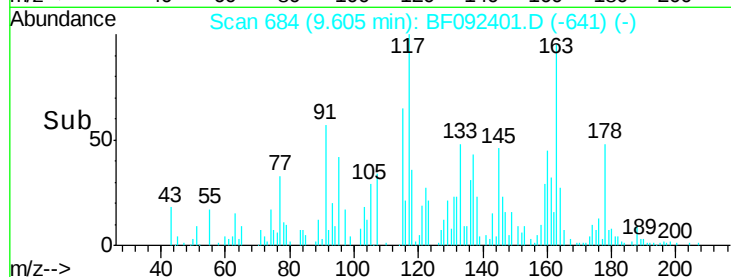
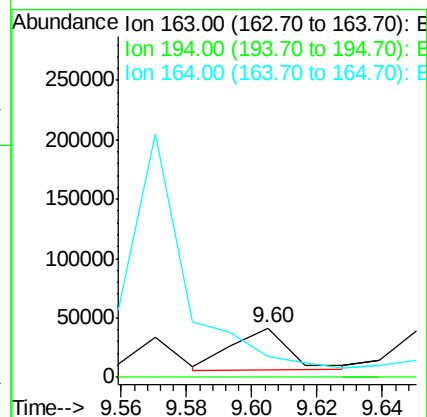
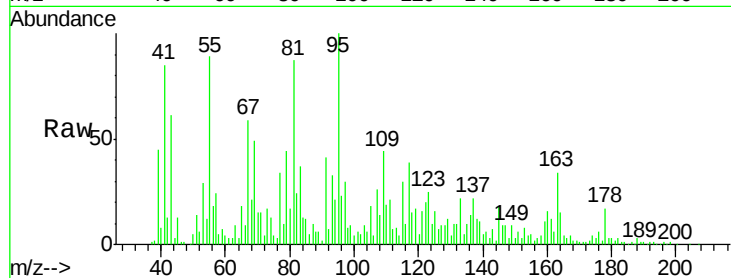
Tgt Ion:163 Resp: 43217

Ion Ratio Lower Upper

163 100

194 1.4 3.0 4.4#

164 43.4 8.0 12.0#



#50

2,6-Dinitrotoluene

Concen: 14.96 ng

RT: 9.66 min Scan# 689

Delta R.T. 0.19 min

Lab File: BF092401.D

Acq: 21 Jan 2017 6:55

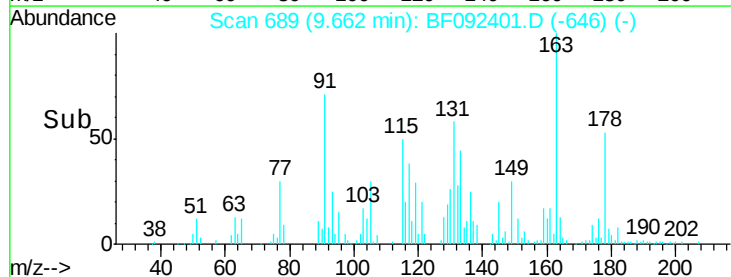
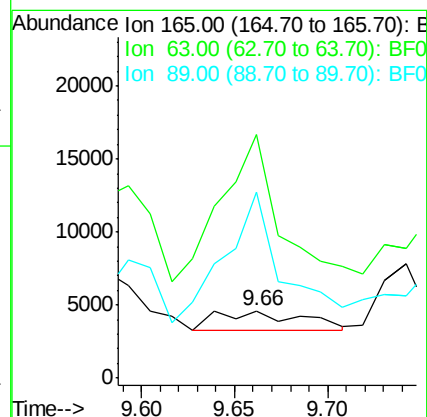
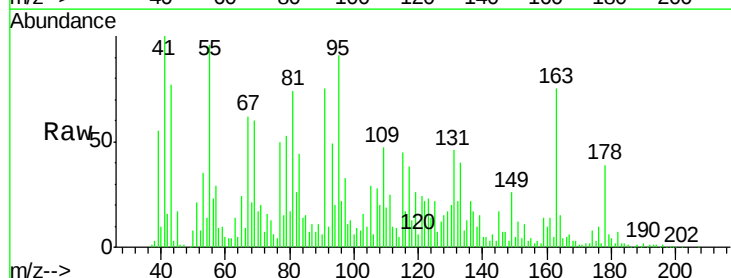
Tgt Ion:165 Resp: 4374

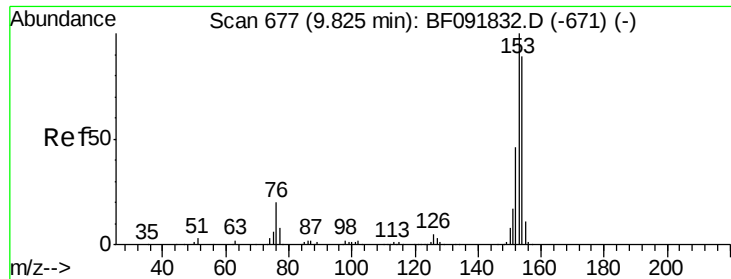
Ion Ratio Lower Upper

165 100

63 363.5 36.2 54.4#

89 278.0 40.2 60.4#





#51

Acenaphthene

Concen: 3.99 ng

RT: 9.91 min Scan# 711

Delta R.T. 0.20 min

Lab File: BF092401.D

Acq: 21 Jan 2017 6:55

Instrument :

BNA_F

ClientSampleId :

MW-01

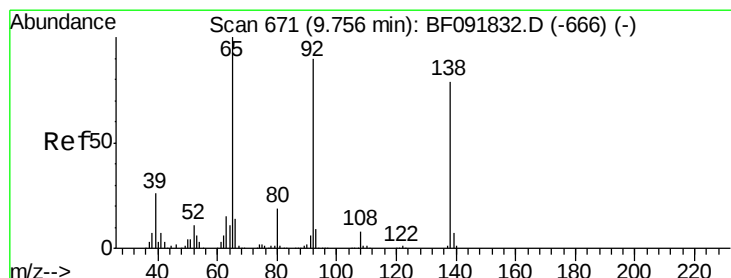
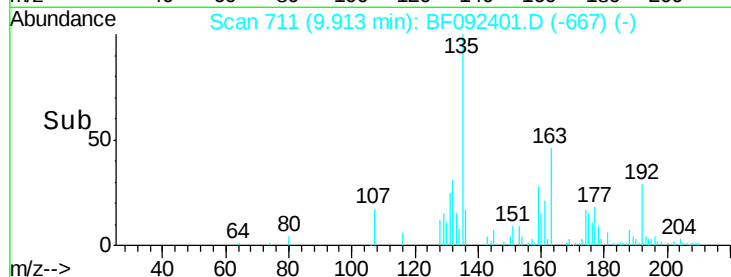
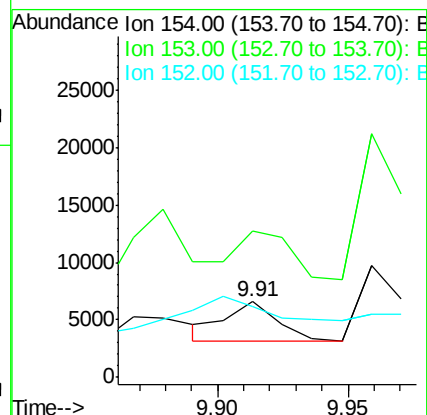
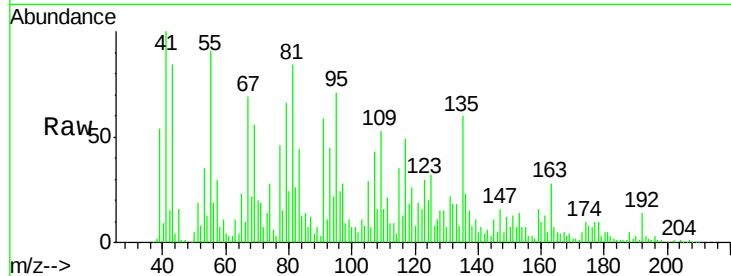
Tgt Ion:154 Resp: 4711

Ion Ratio Lower Upper

154 100

153 195.1 88.6 133.0#

152 93.8 41.6 62.4#



#52

3-Nitroaniline

Concen: 23.90 ng

RT: 9.83 min Scan# 704

Delta R.T. 0.19 min

Lab File: BF092401.D

Acq: 21 Jan 2017 6:55

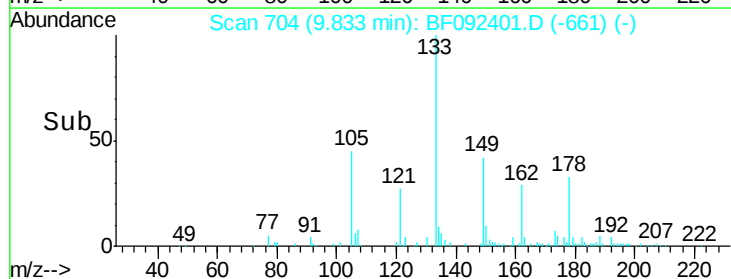
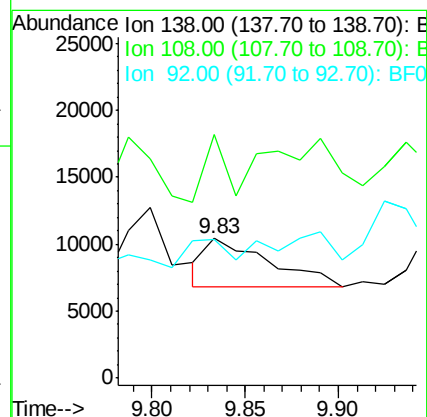
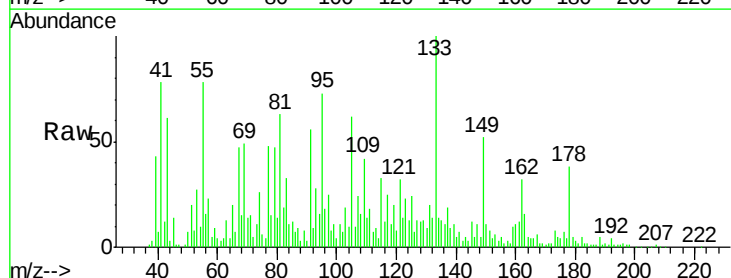
Tgt Ion:138 Resp: 8648

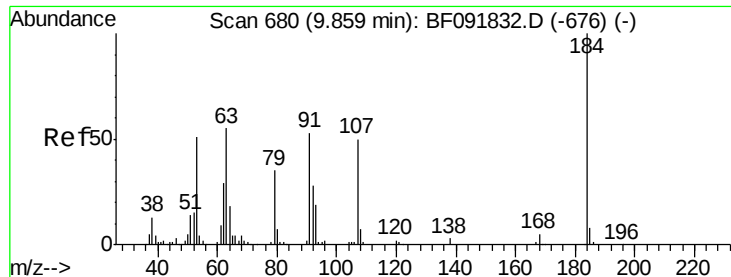
Ion Ratio Lower Upper

138 100

108 174.4 8.5 12.7#

92 99.5 97.8 146.8

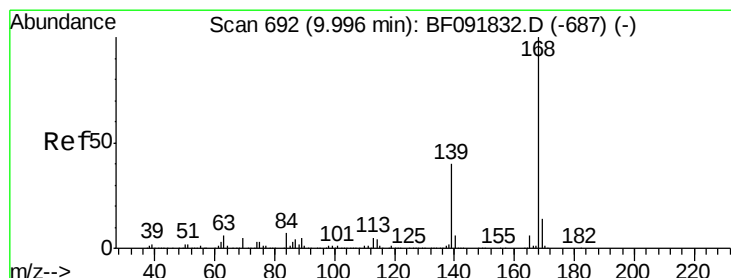
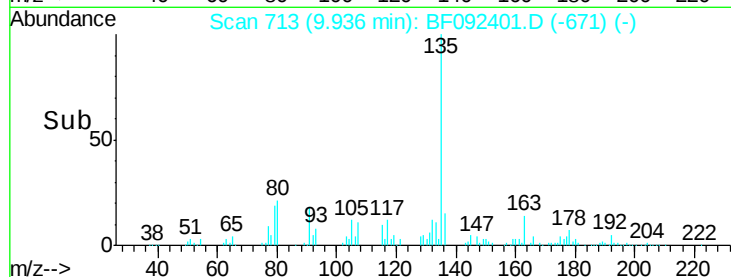
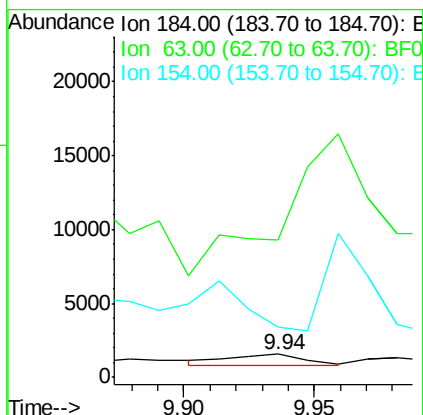
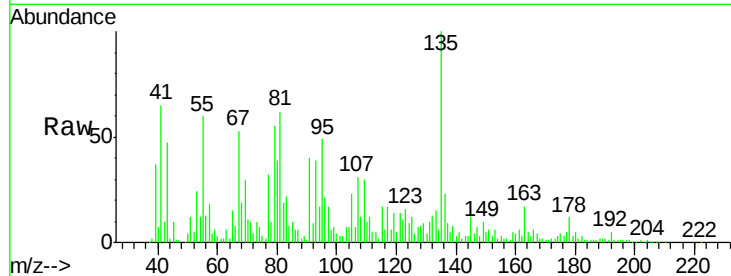




#53
 2,4-Dinitrophenol
 Concen: 8.67 ng
 RT: 9.94 min Scan# 713
 Delta R.T. 0.17 min
 Lab File: BF092401.D
 Acq: 21 Jan 2017 6:55

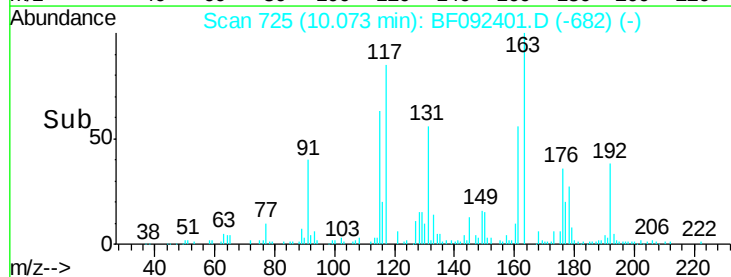
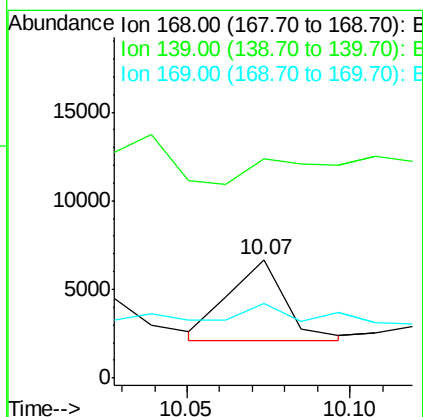
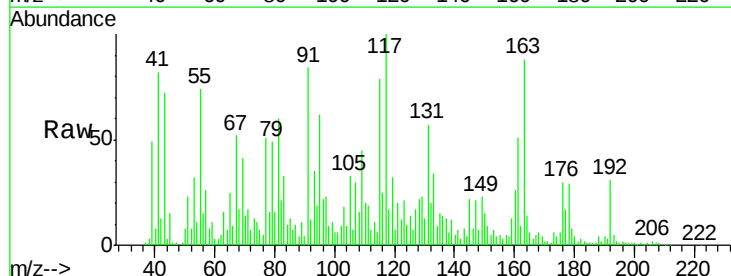
Instrument :
 BNA_F
 ClientSampleId :
 MW-01

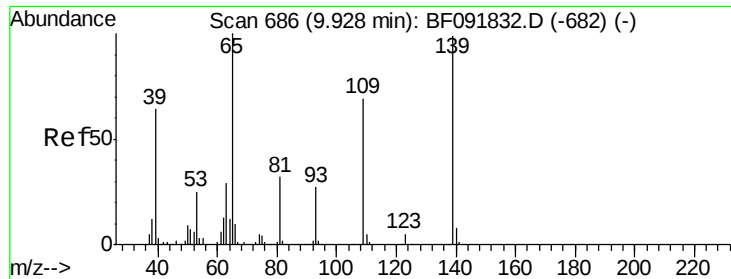
Tgt Ion:184 Resp: 1410
 Ion Ratio Lower Upper
 184 100
 63 595.9 28.4 42.6#
 154 216.3 44.3 66.5#



#54
 Dibenzofuran
 Concen: 3.43 ng
 RT: 10.07 min Scan# 725
 Delta R.T. 0.19 min
 Lab File: BF092401.D
 Acq: 21 Jan 2017 6:55

Tgt Ion:168 Resp: 5475
 Ion Ratio Lower Upper
 168 100
 139 185.7 32.6 49.0#
 169 63.0 11.3 16.9#

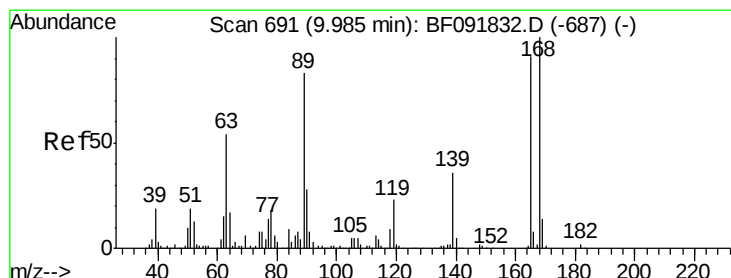
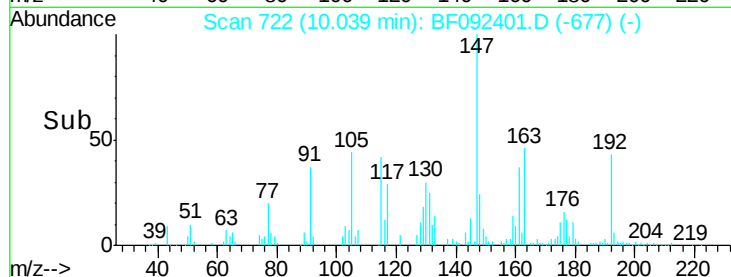
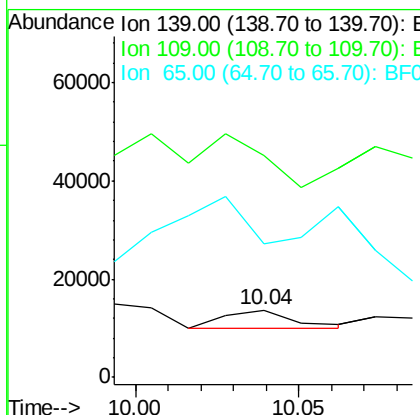
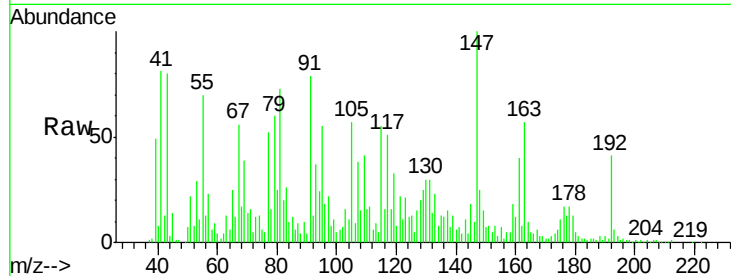




#55
4-Nitrophenol
Concen: 22.33 ng
RT: 10.04 min Scan# 722
Delta R.T. 0.21 min
Lab File: BF092401.D
Acq: 21 Jan 2017 6:55

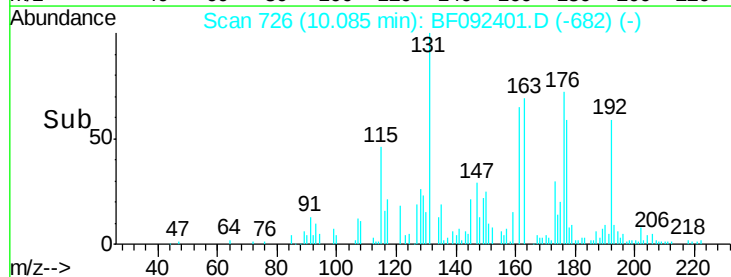
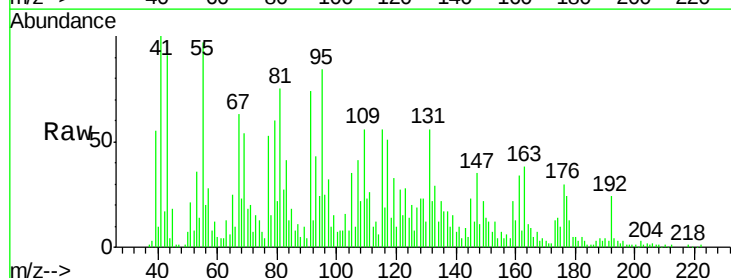
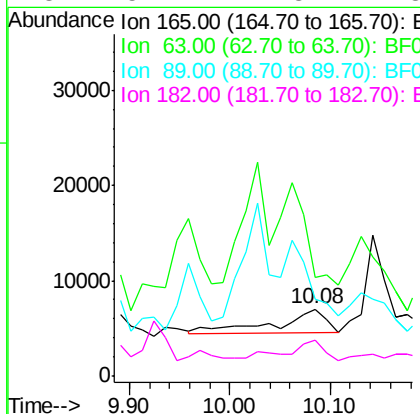
Instrument :
BNA_F
ClientSampleId :
MW-01

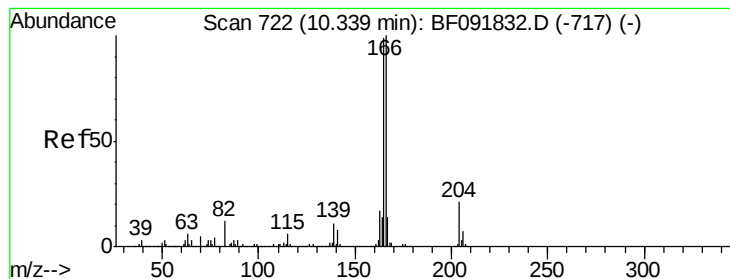
Tgt Ion:139 Resp: 5485
Ion Ratio Lower Upper
139 100
109 328.5 52.2 92.2#
65 197.7 85.8 125.8#



#56
2,4-Dinitrotoluene
Concen: 22.70 ng
RT: 10.08 min Scan# 726
Delta R.T. 0.20 min
Lab File: BF092401.D
Acq: 21 Jan 2017 6:55

Tgt Ion:165 Resp: 8331
Ion Ratio Lower Upper
165 100
63 148.5 40.2 60.4#
89 114.6 62.5 93.7#
182 54.7 1.8 2.8#





#57

Fluorene

Concen: 6.60 ng

RT: 10.37 min Scan# 751

Delta R.T. 0.14 min

Lab File: BF092401.D

Acq: 21 Jan 2017 6:55

Instrument :

BNA_F

ClientSampleId :

MW-01

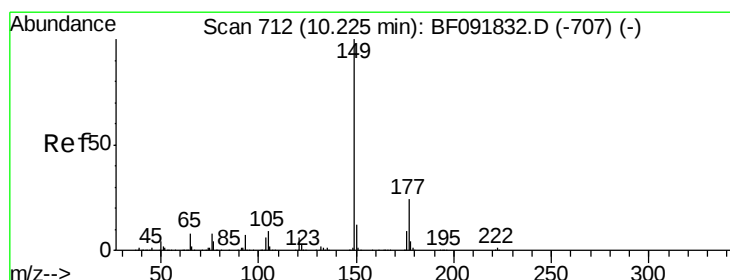
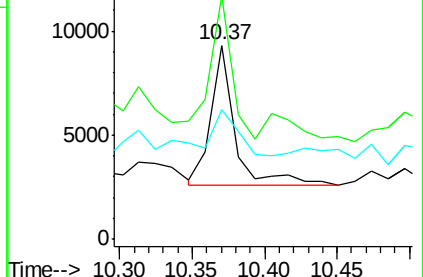
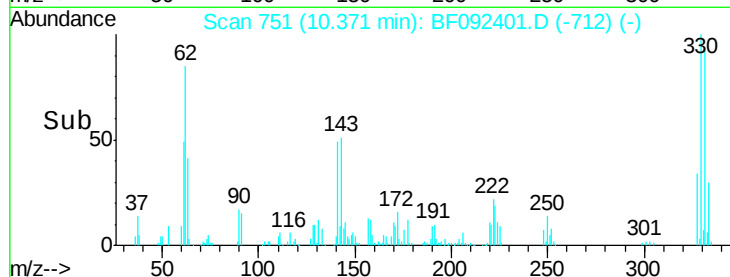
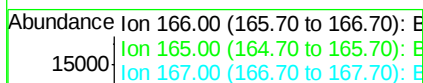
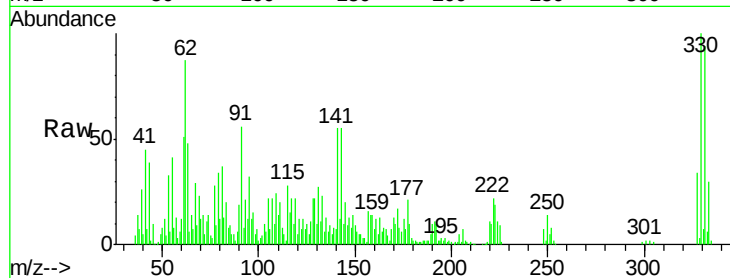
Tgt Ion:166 Resp: 7654

Ion Ratio Lower Upper

166 100

165 125.5 77.8 116.8#

167 67.0 10.8 16.2#



#59

Diethylphthalate

Concen: 51.88 ng

RT: 10.31 min Scan# 746

Delta R.T. 0.20 min

Lab File: BF092401.D

Acq: 21 Jan 2017 6:55

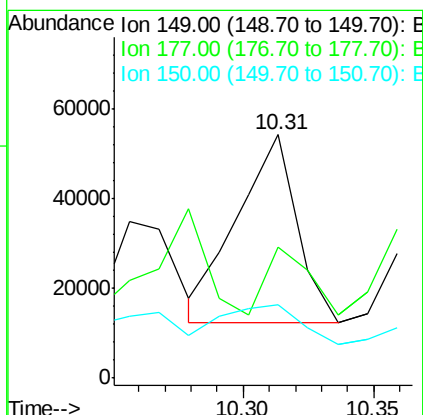
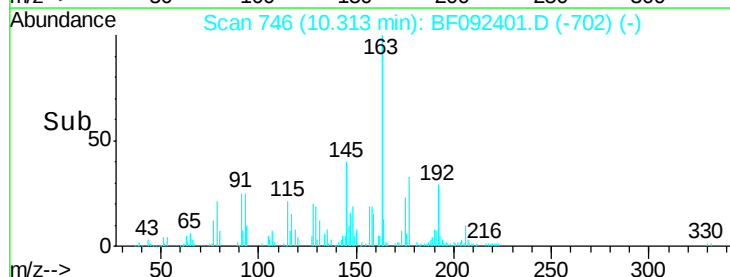
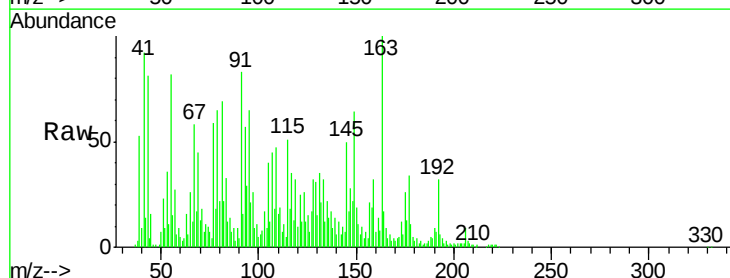
Tgt Ion:149 Resp: 67307

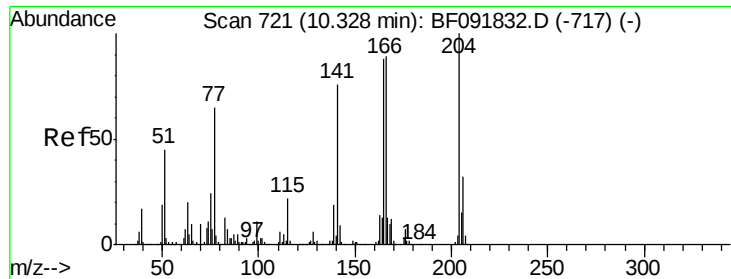
Ion Ratio Lower Upper

149 100

177 53.5 16.6 25.0#

150 30.4 10.4 15.6#

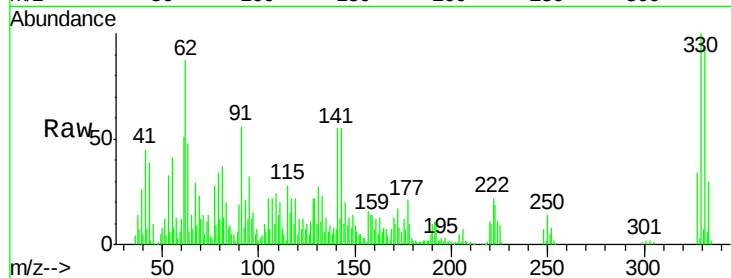




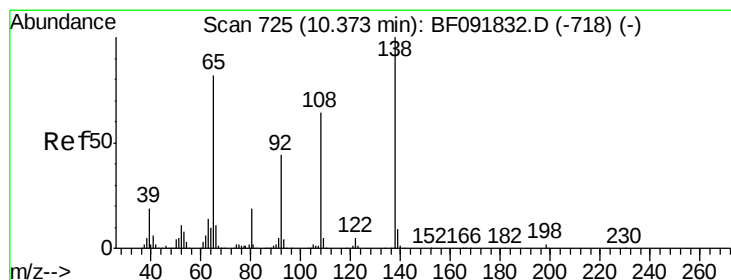
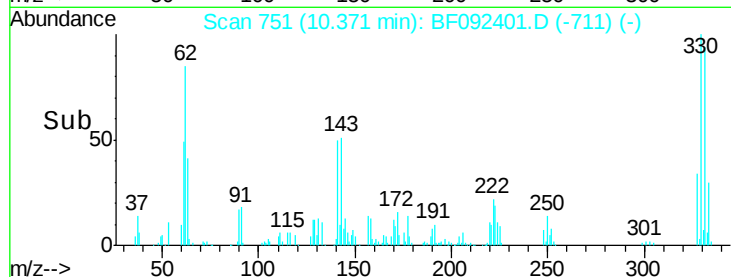
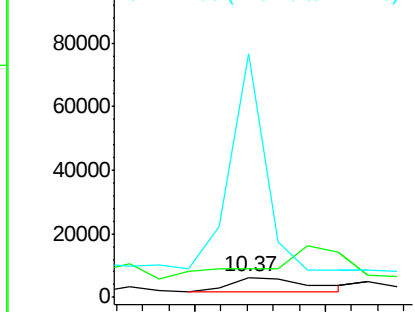
#60
4-Chlorophenyl-phenylether
Concen: 19.49 ng
RT: 10.37 min Scan# 751
Delta R.T. 0.15 min
Lab File: BF092401.D
Acq: 21 Jan 2017 6:55

Instrument :
BNA_F
ClientSampleId :
MW-01

Tgt Ion:204 Resp: 9900
Ion Ratio Lower Upper
204 100
206 144.7 25.8 38.6#
141 1214.3 59.4 89.0#

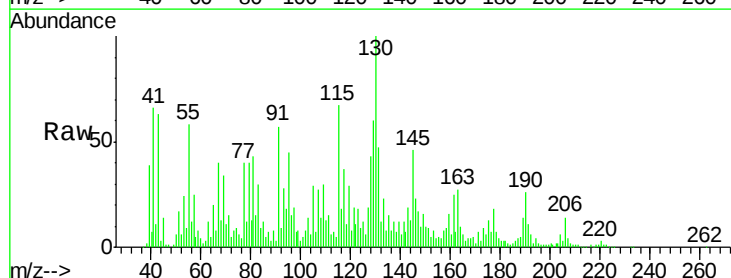


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

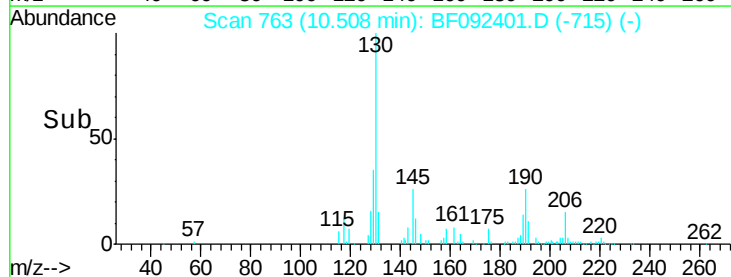
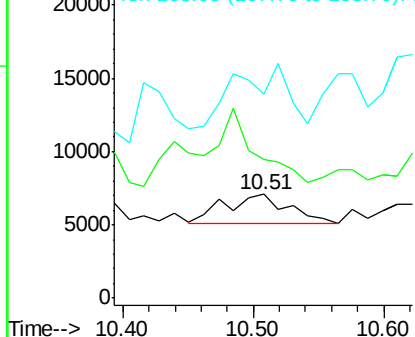


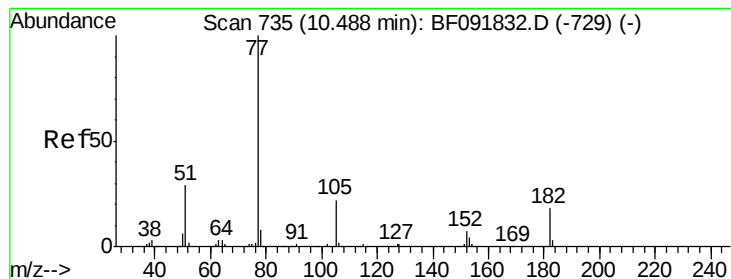
#61
4-Nitroaniline
Concen: 18.09 ng
RT: 10.51 min Scan# 763
Delta R.T. 0.24 min
Lab File: BF092401.D
Acq: 21 Jan 2017 6:55

Tgt Ion:138 Resp: 6782
Ion Ratio Lower Upper
138 100
92 133.0 31.7 71.7#
108 195.7 52.6 92.6#



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





#62

Azobenzene

Concen: 5.67 ng

RT: 10.62 min Scan# 773

Delta R.T. 0.24 min

Lab File: BF092401.D

Acq: 21 Jan 2017 6:55

Instrument :

BNA_F

ClientSampleId :

MW-01

Tgt Ion: 77 Resp: 8100

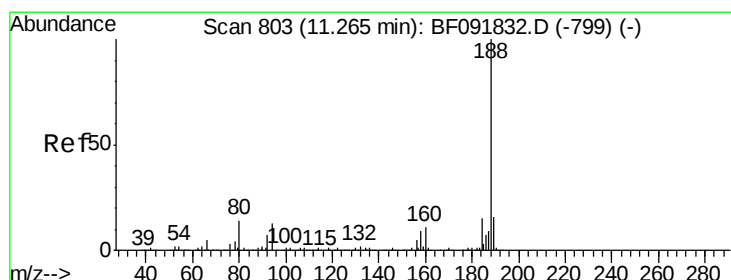
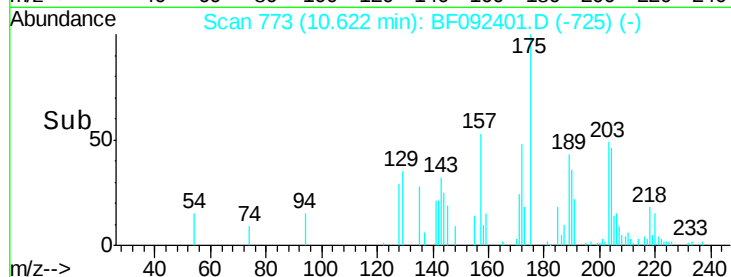
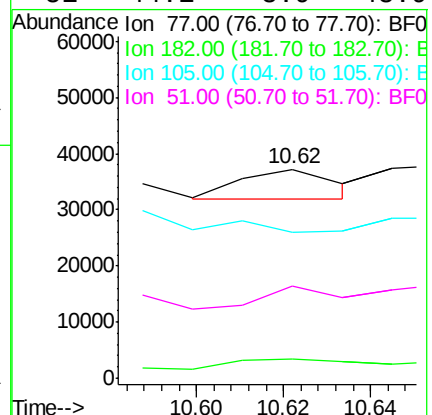
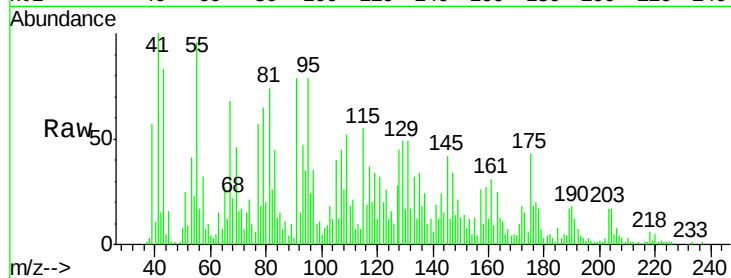
Ion Ratio Lower Upper

77 100

182 9.1 0.0 39.3

105 69.6 2.3 42.3#

51 44.1 8.9 48.9



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.34 min Scan# 836

Delta R.T. 0.19 min

Lab File: BF092401.D

Acq: 21 Jan 2017 6:55

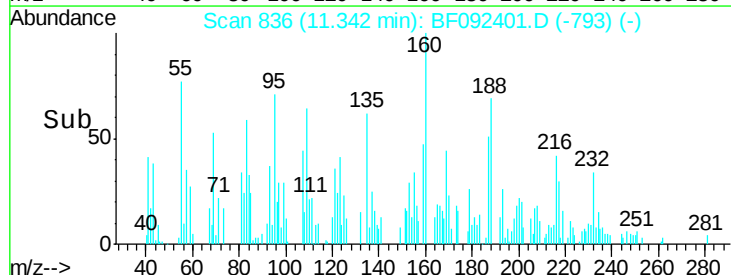
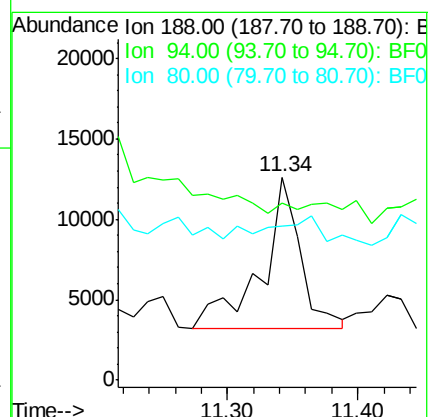
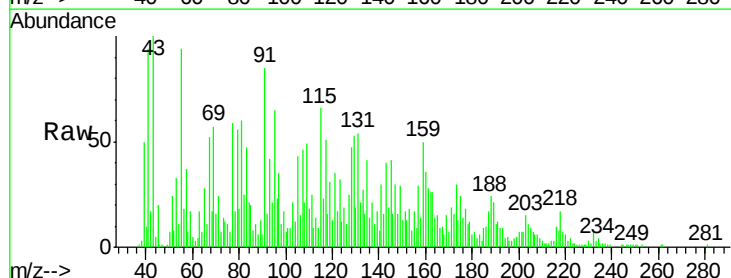
Tgt Ion: 188 Resp: 19590

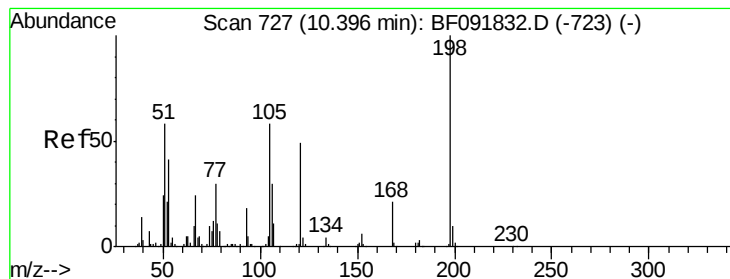
Ion Ratio Lower Upper

188 100

94 87.5 10.0 15.0#

80 75.9 11.2 16.8#





#64

4,6-Dinitro-2-methylphenol

Concen: 5.13 ng

RT: 10.42 min Scan# 755

Delta R.T. 0.13 min

Lab File: BF092401.D

Acq: 21 Jan 2017 6:55

Instrument :

BNA_F

ClientSampleId :

MW-01

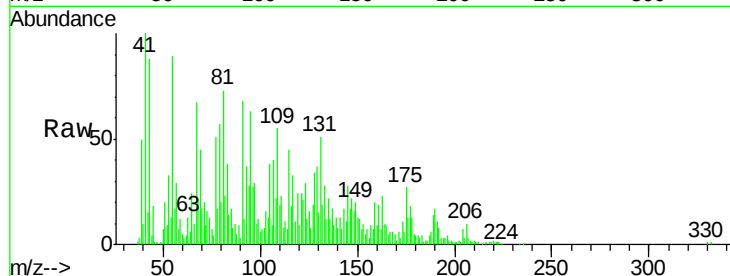
Tgt Ion:198 Resp: 608

Ion Ratio Lower Upper

198 100

51 1123.0 6.7 46.7#

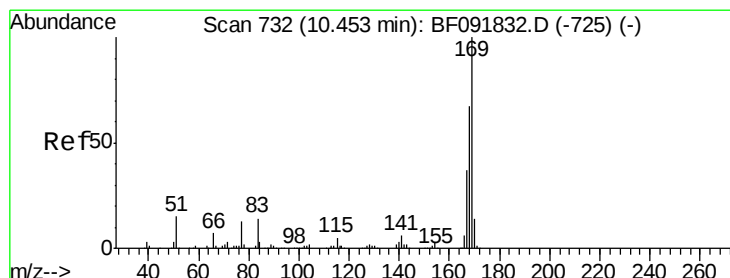
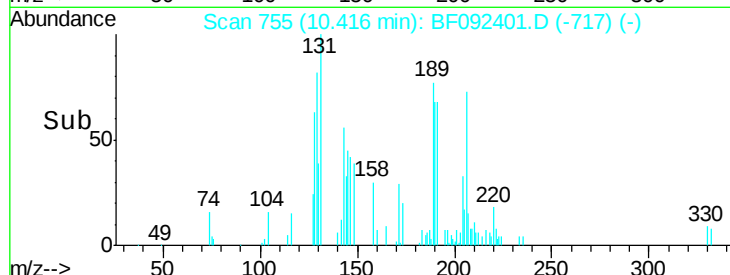
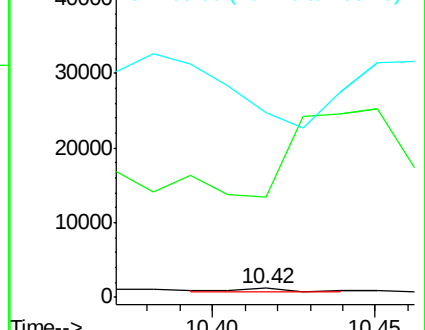
105 2061.9 16.6 56.6#



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



#65

n-Nitrosodiphenylamine

Concen: 9.04 ng

RT: 10.51 min Scan# 763

Delta R.T. 0.16 min

Lab File: BF092401.D

Acq: 21 Jan 2017 6:55

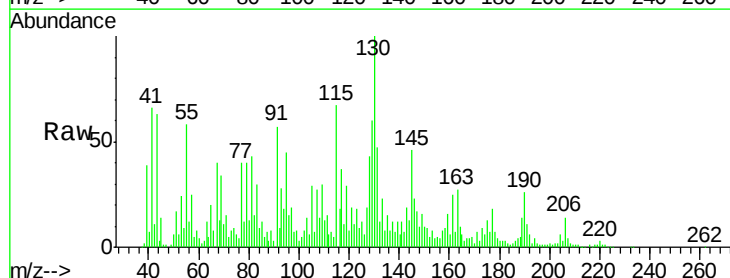
Tgt Ion:169 Resp: 5257

Ion Ratio Lower Upper

169 100

168 88.5 54.2 81.2#

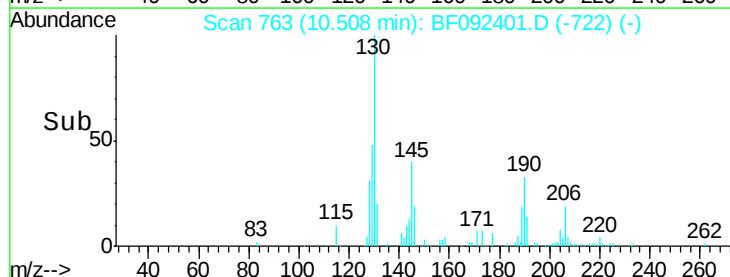
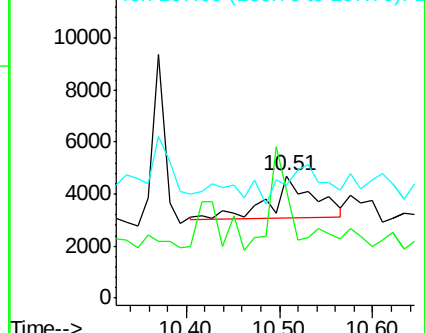
167 92.6 30.2 45.4#

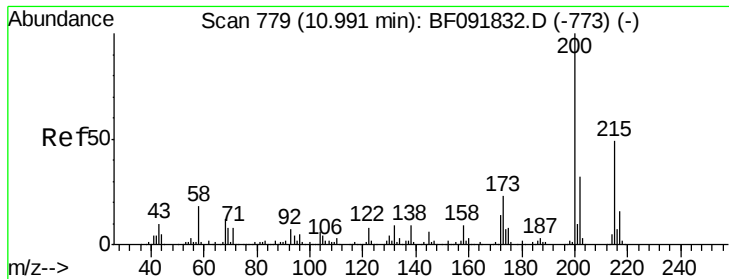


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#68

Atrazine

Concen: 13.38 ng

RT: 11.09 min Scan# 814

Delta R.T. 0.21 min

Lab File: BF092401.D

Acq: 21 Jan 2017 6:55

Instrument :

BNA_F

ClientSampleId :

MW-01

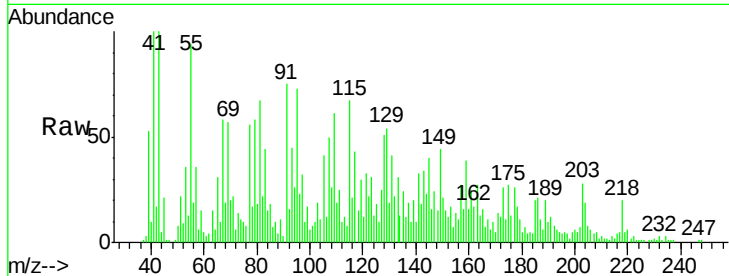
Tgt Ion:200 Resp: 2509

Ion Ratio Lower Upper

200 100

173 442.4 9.6 49.6#

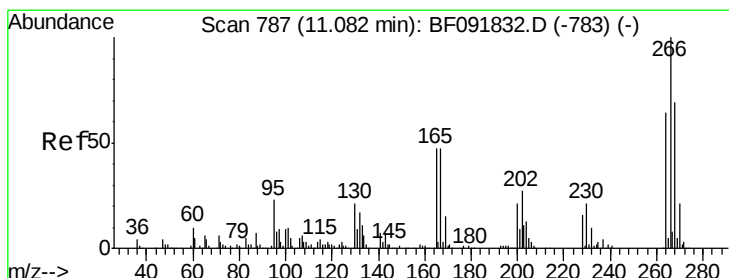
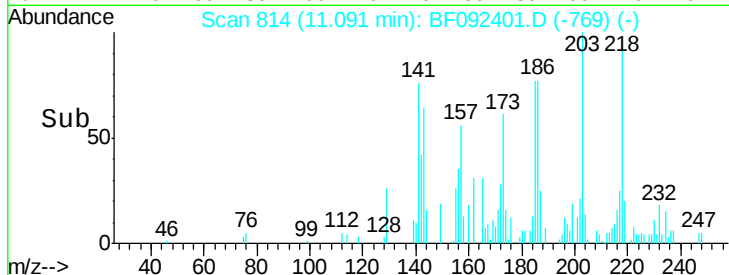
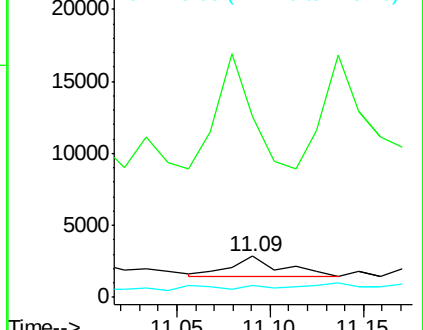
215 29.1 25.7 65.7



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#69

Pentachlorophenol

Concen: 4.06 ng

RT: 11.22 min Scan# 825

Delta R.T. 0.24 min

Lab File: BF092401.D

Acq: 21 Jan 2017 6:55

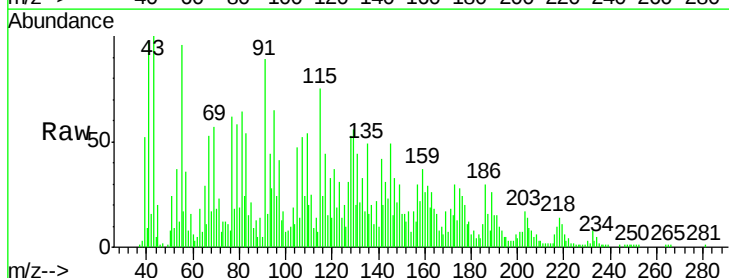
Tgt Ion:266 Resp: 434

Ion Ratio Lower Upper

266 100

268 0.0 53.3 79.9#

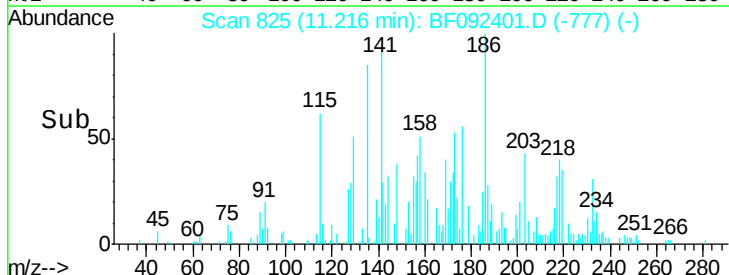
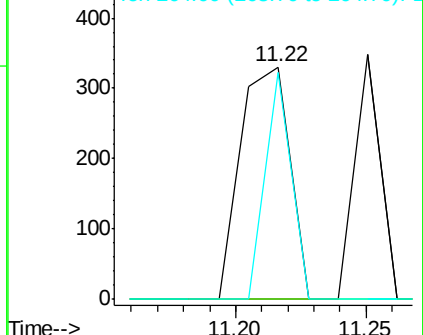
264 97.6 50.3 75.5#

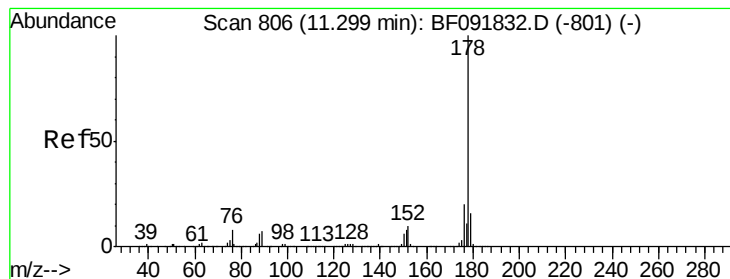


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#70

Phenanthrene

Concen: 3.23 ng

RT: 11.36 min Scan# 838

Delta R.T. 0.19 min

Lab File: BF092401.D

Acq: 21 Jan 2017 6:55

Instrument :

BNA_F

ClientSampled :

MW-01

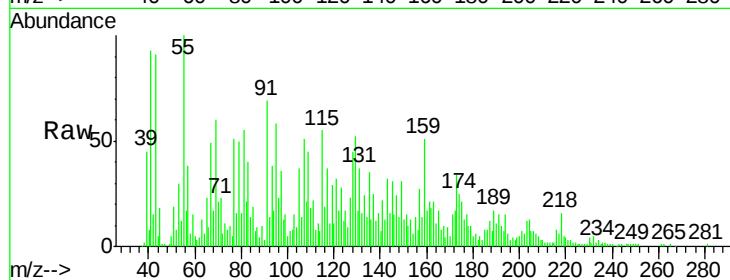
Tgt Ion:178 Resp: 3429

Ion Ratio Lower Upper

178 100

176 128.0 16.6 25.0#

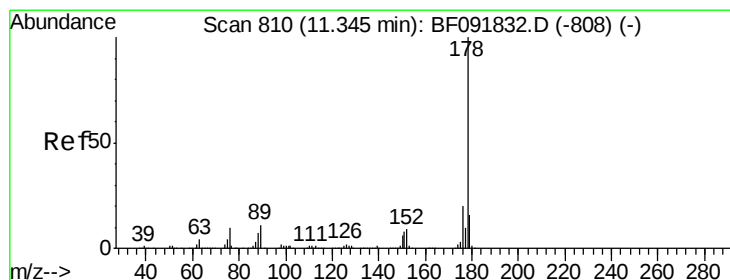
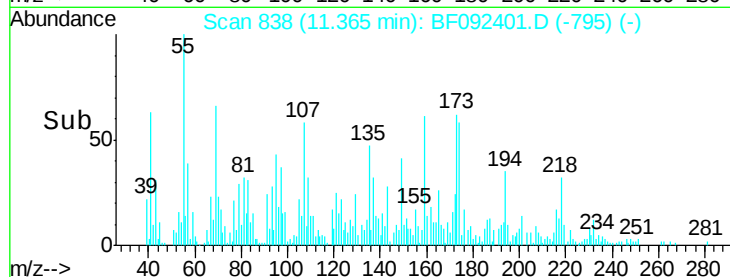
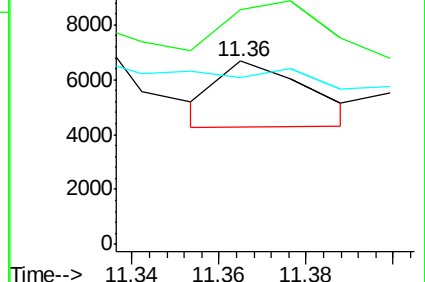
179 91.1 12.8 19.2#



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



#71

Anthracene

Concen: 5.23 ng

RT: 11.41 min Scan# 842

Delta R.T. 0.17 min

Lab File: BF092401.D

Acq: 21 Jan 2017 6:55

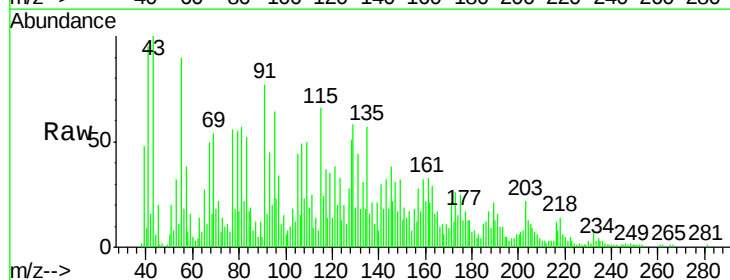
Tgt Ion:178 Resp: 6956

Ion Ratio Lower Upper

178 100

176 96.0 15.9 23.9#

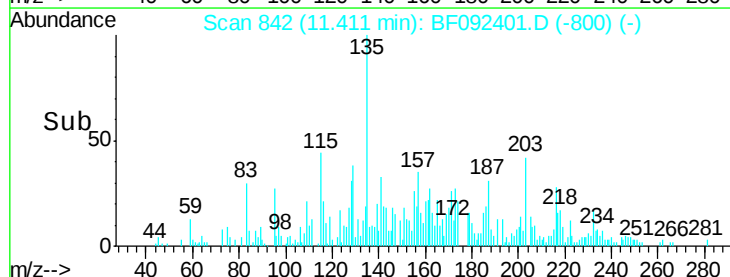
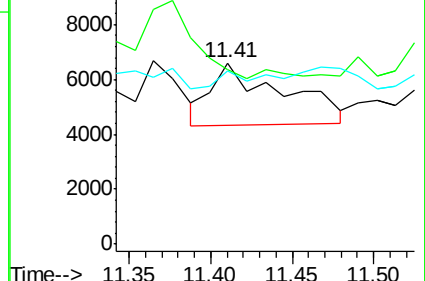
179 95.6 13.2 19.8#

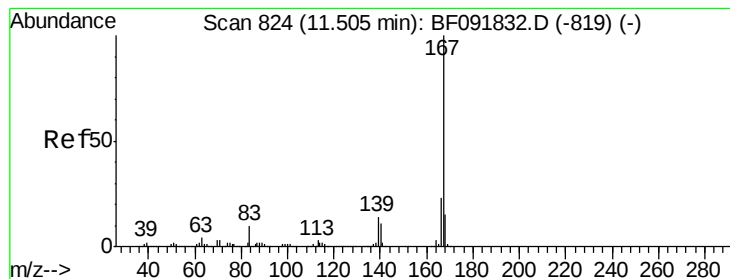


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 3.19 ng

RT: 11.56 min Scan# 855

Delta R.T. 0.16 min

Lab File: BF092401.D

Acq: 21 Jan 2017 6:55

Instrument :

BNA_F

ClientSampleId :

MW-01

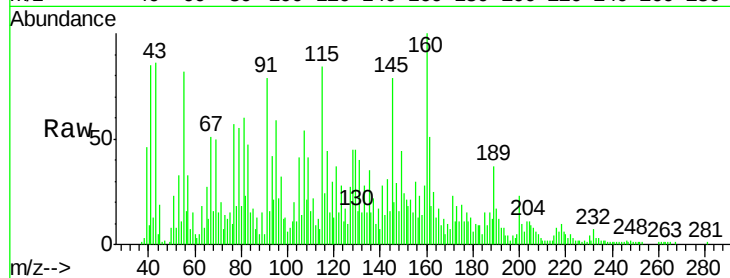
Tgt Ion:167 Resp: 3837

Ion Ratio Lower Upper

167 100

166 72.1 18.2 27.2#

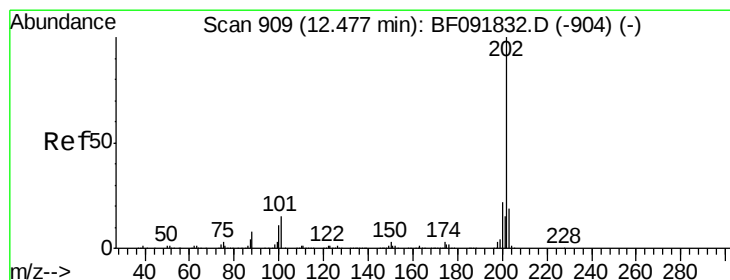
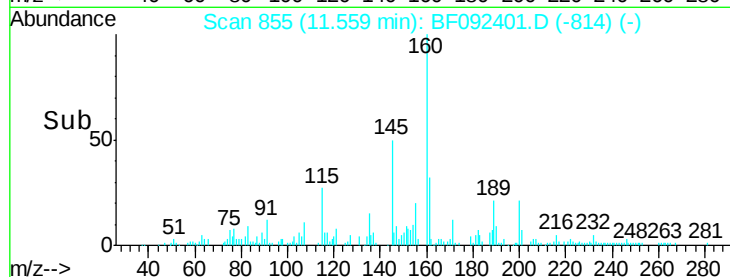
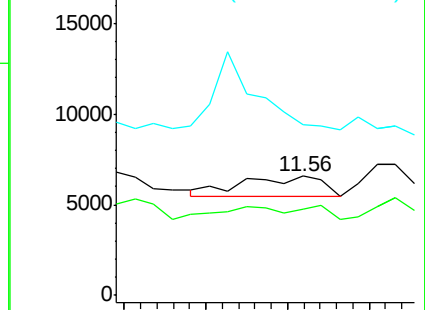
139 143.8 11.4 17.2#



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: Below Cal

RT: 12.54 min Scan# 941

Delta R.T. 0.17 min

Lab File: BF092401.D

Acq: 21 Jan 2017 6:55

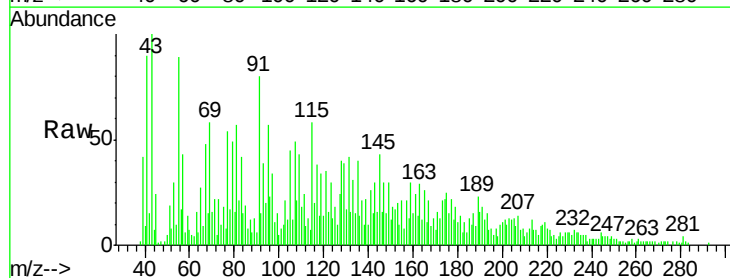
Tgt Ion:202 Resp: 1038

Ion Ratio Lower Upper

202 100

101 80.3 0.0 34.6#

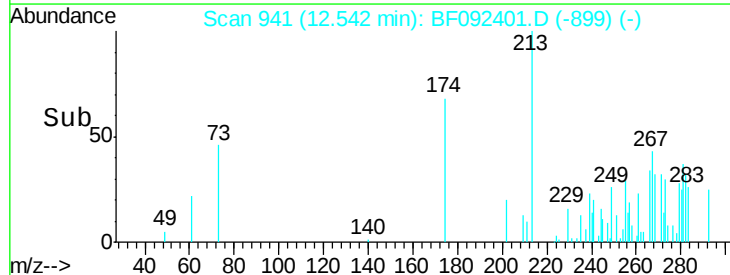
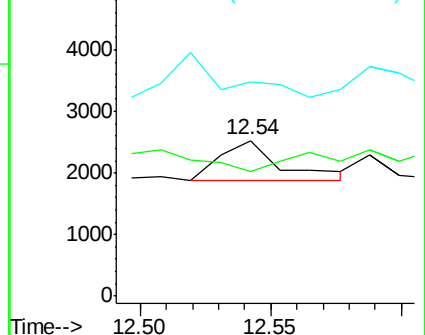
203 137.3 0.0 38.7#

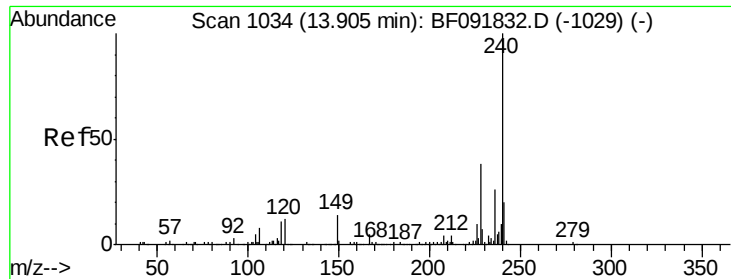


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.99 min Scan# 1068

Delta R.T. 0.21 min

Lab File: BF092401.D

Acq: 21 Jan 2017 6:55

Instrument :

BNA_F

ClientSampled :

MW-01

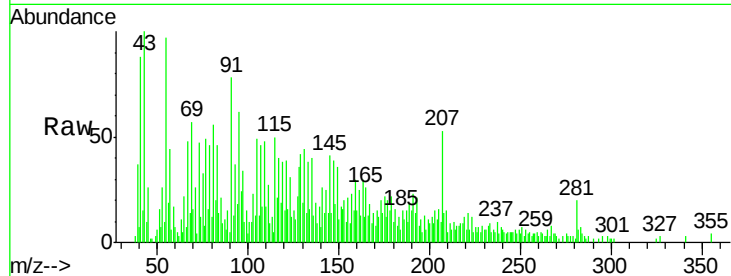
Tgt Ion:240 Resp: 336

Ion Ratio Lower Upper

240 100

120 262.2 12.9 19.3#

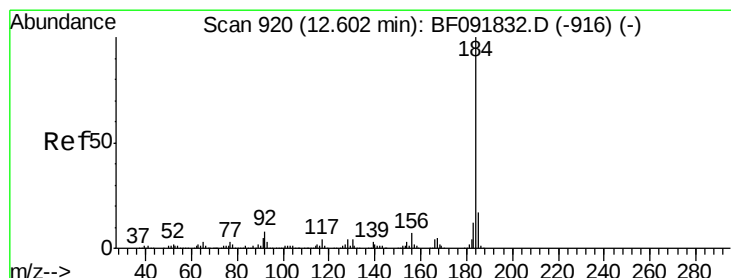
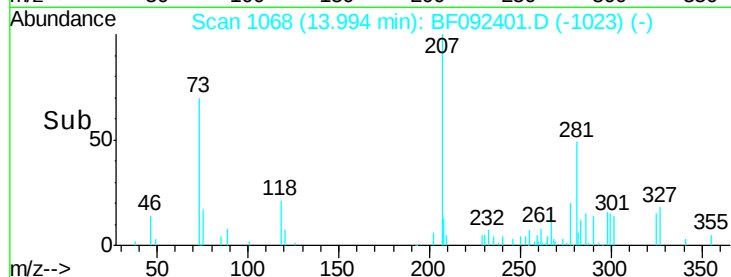
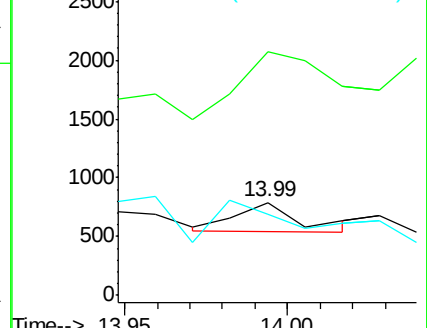
236 87.2 20.9 31.3#



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



#76

Benzidine

Concen: Below Cal

RT: 12.70 min Scan# 955

Delta R.T. 0.21 min

Lab File: BF092401.D

Acq: 21 Jan 2017 6:55

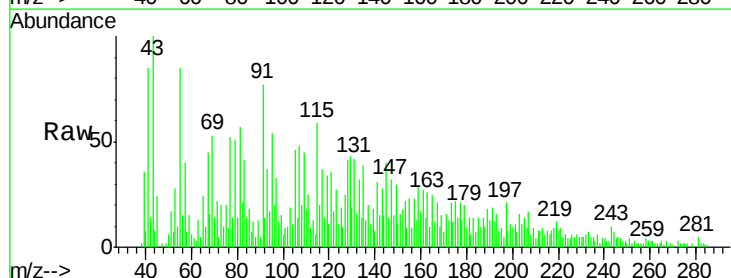
Tgt Ion:184 Resp: 1033

Ion Ratio Lower Upper

184 100

185 197.6 13.4 20.0#

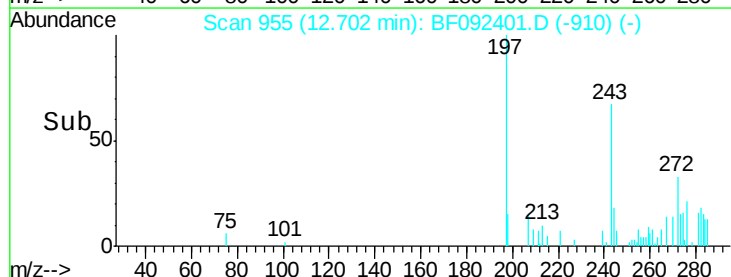
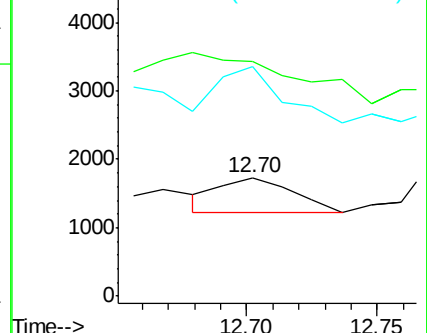
183 193.4 9.2 13.8#

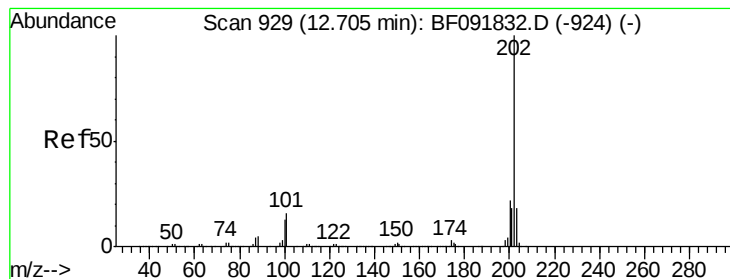


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 37.68 ng

RT: 12.77 min Scan# 961

Delta R.T. 0.19 min

Lab File: BF092401.D

Acq: 21 Jan 2017 6:55

Instrument :

BNA_F

ClientSampleId :

MW-01

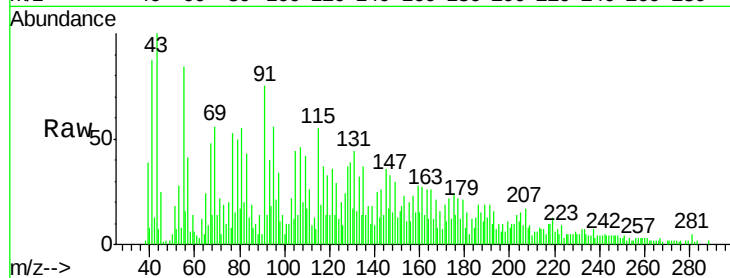
Tgt Ion: 202 Resp: 929

Ion Ratio Lower Upper

202 100

200 82.4 17.7 26.5#

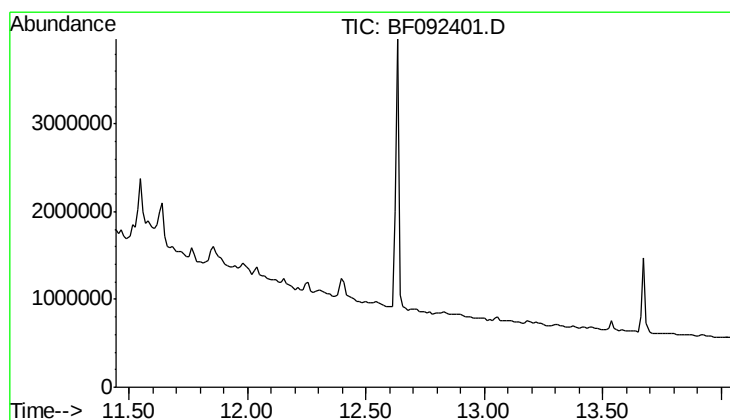
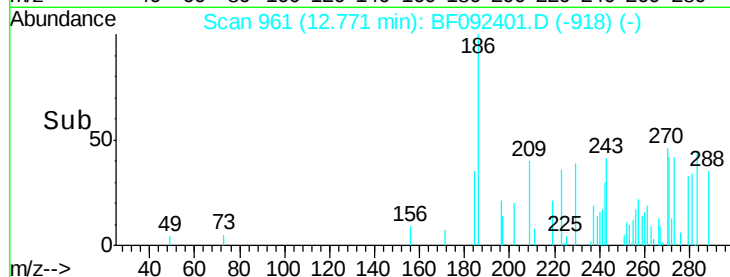
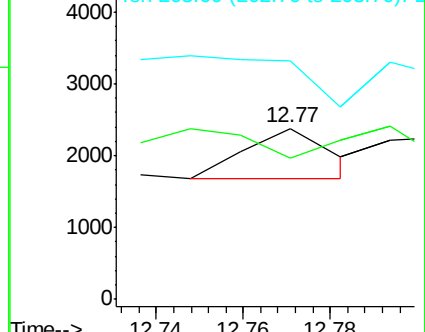
203 139.3 14.7 22.1#



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: 0.00 ng

Expected RT: 12.74 min

Lab File: BF092401.D

Acq: 21 Jan 2017 6:55

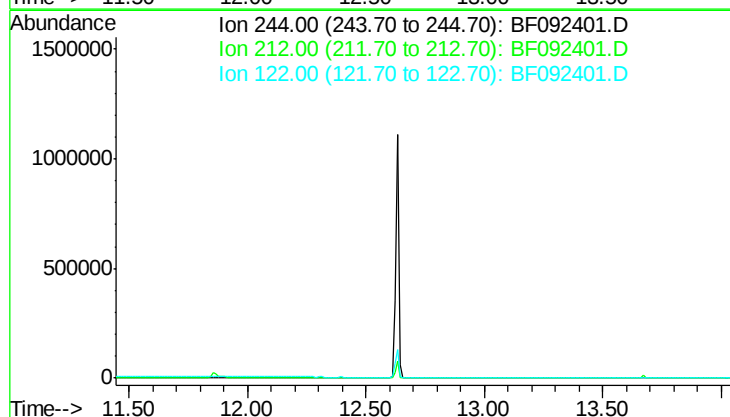
Tgt Ion: 244

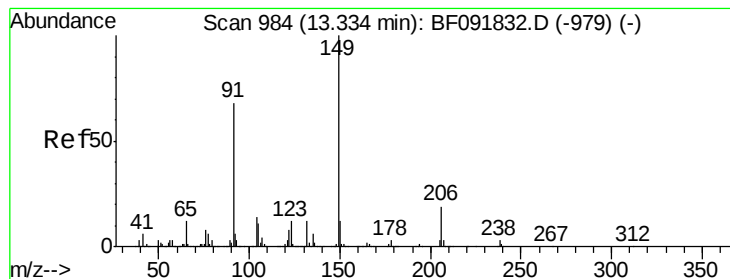
Sig Exp Ratio

244 100

212 7.7

122 14.3





#79

Butylbenzylphthalate

Concen: 112.56 ng

RT: 13.41 min Scan# 1017

Delta R.T. 0.19 min

Lab File: BF092401.D

Acq: 21 Jan 2017 6:55

Instrument :

BNA_F

ClientSampled :

MW-01

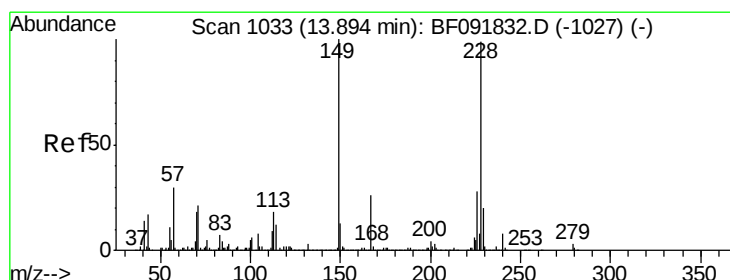
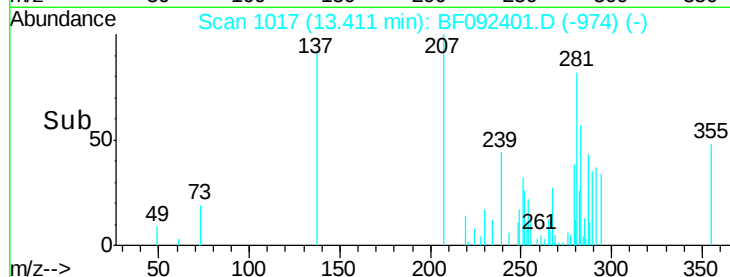
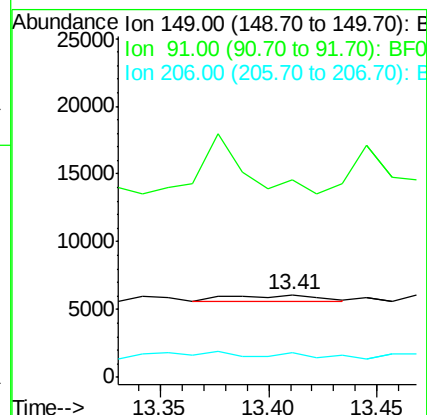
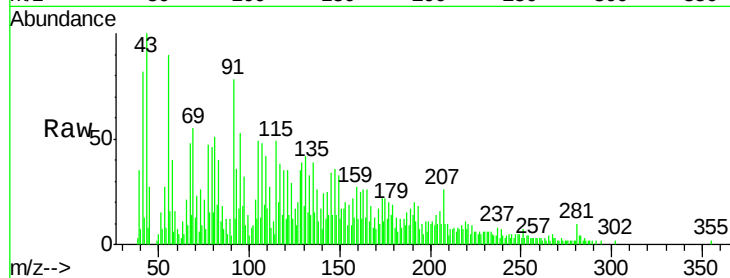
Tgt Ion:149 Resp: 1262

Ion Ratio Lower Upper

149 100

91 238.8 63.9 95.9#

206 29.9 14.6 21.8#



#80

Benzo(a)anthracene

Concen: 16.29 ng

RT: 13.96 min Scan# 1065

Delta R.T. 0.19 min

Lab File: BF092401.D

Acq: 21 Jan 2017 6:55

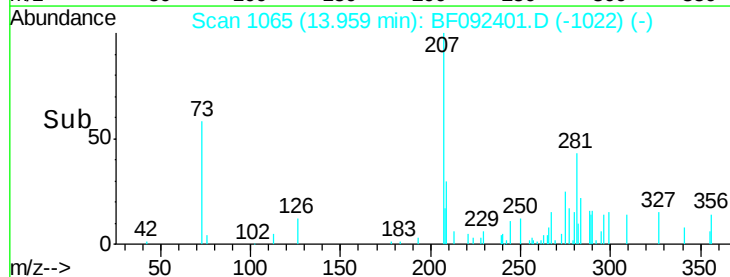
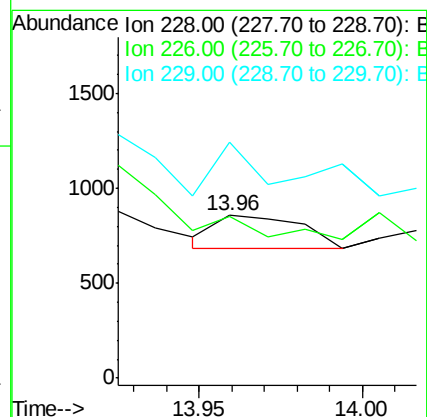
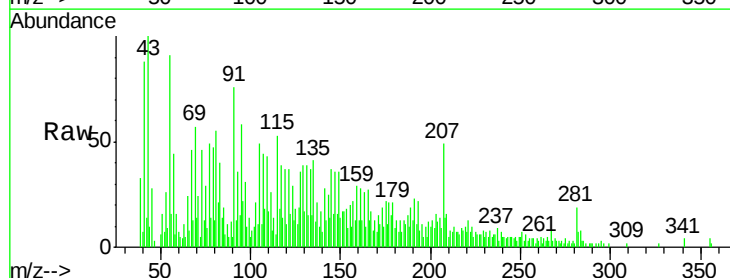
Tgt Ion:228 Resp: 309

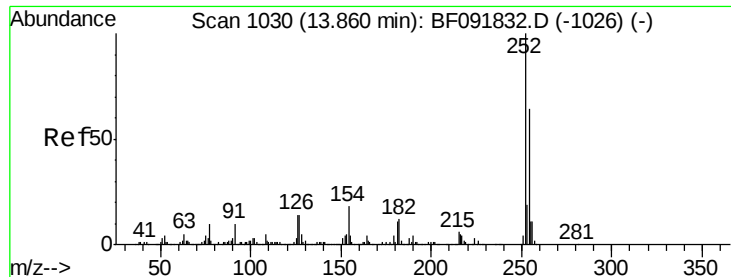
Ion Ratio Lower Upper

228 100

226 99.5 22.4 33.6#

229 145.6 16.2 24.4#

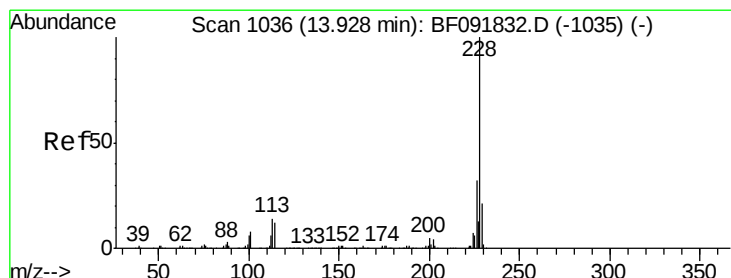
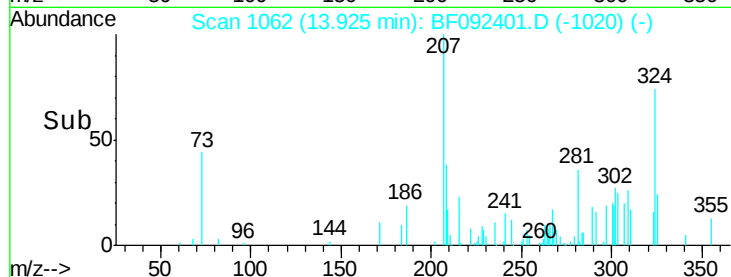
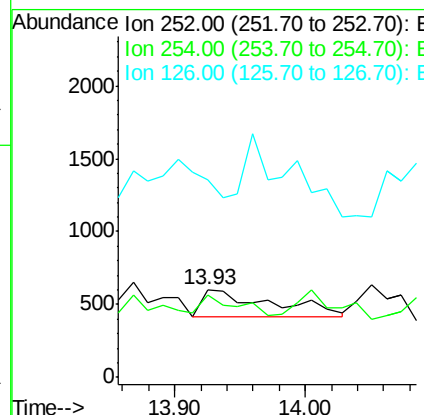
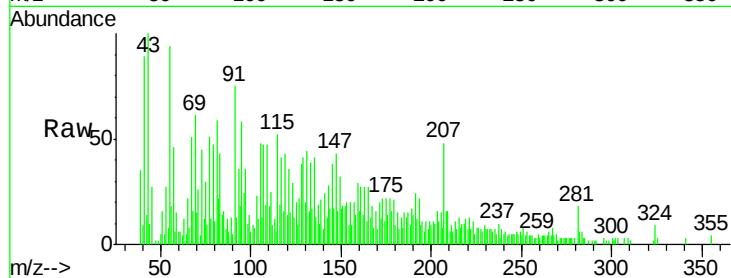




#81
 3,3'-Dichlorobenzidine
 Concen: 91.21 ng
 RT: 13.93 min Scan# 1062
 Delta R.T. 0.17 min
 Lab File: BF092401.D
 Acq: 21 Jan 2017 6:55

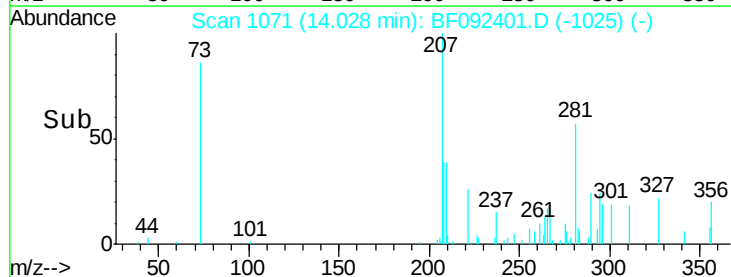
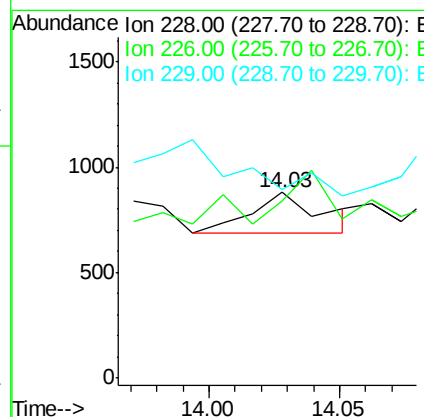
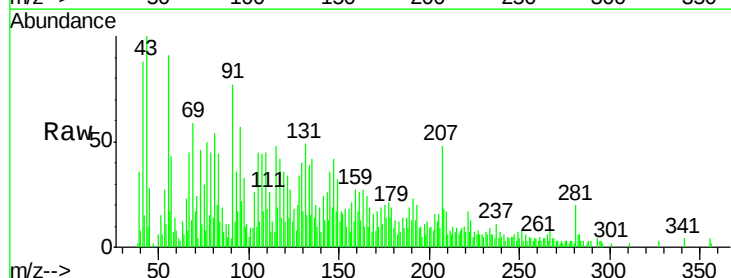
Instrument :
 BNA_F
 ClientSampled :
 MW-01

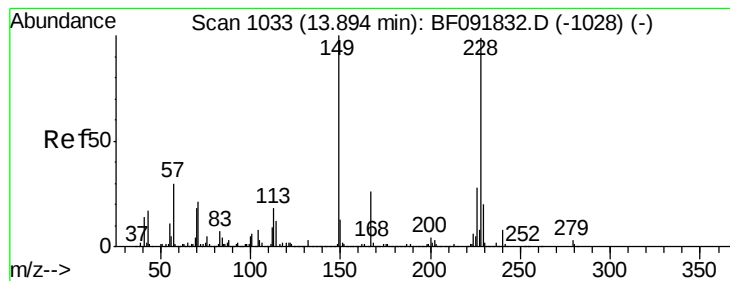
Tgt Ion:252 Resp: 656
 Ion Ratio Lower Upper
 252 100
 254 93.5 52.3 78.5#
 126 226.0 13.6 20.4#



#82
 Chrysene
 Concen: 19.03 ng
 RT: 14.03 min Scan# 1071
 Delta R.T. 0.22 min
 Lab File: BF092401.D
 Acq: 21 Jan 2017 6:55

Tgt Ion:228 Resp: 362
 Ion Ratio Lower Upper
 228 100
 226 95.2 25.4 38.0#
 229 101.5 16.2 24.2#





#83

Bis(2-ethylhexyl)phthalate

Concen: 44.08 ng

RT: 14.05 min Scan# 1073

Delta R.T. 0.27 min

Lab File: BF092401.D

Acq: 21 Jan 2017 6:55

Instrument :

BNA_F

ClientSampleId :

MW-01

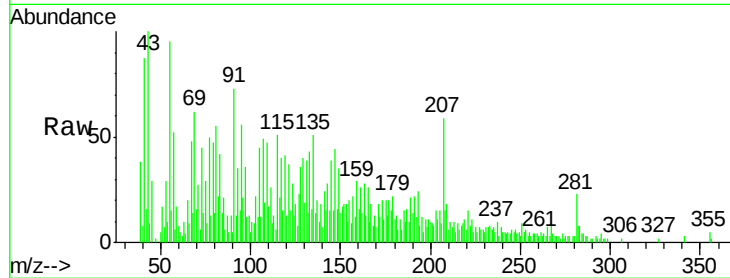
Tgt Ion:149 Resp: 582

Ion Ratio Lower Upper

149 100

167 51.2 20.2 30.4#

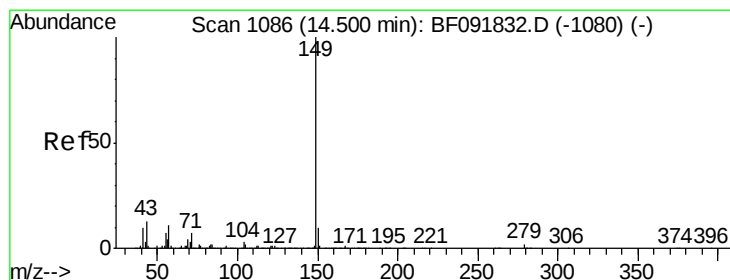
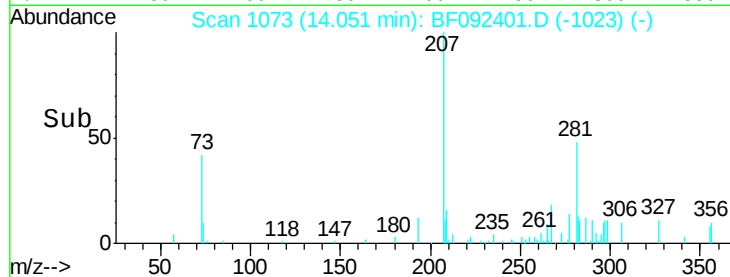
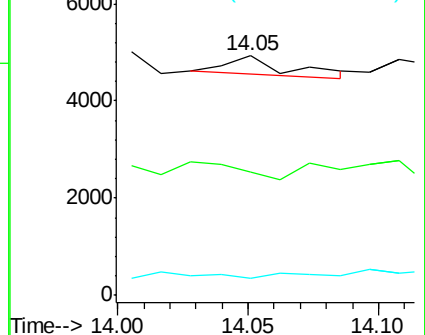
279 7.2 1.8 2.8#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 50.20 ng

RT: 14.43 min Scan# 1106

Delta R.T. 0.04 min

Lab File: BF092401.D

Acq: 21 Jan 2017 6:55

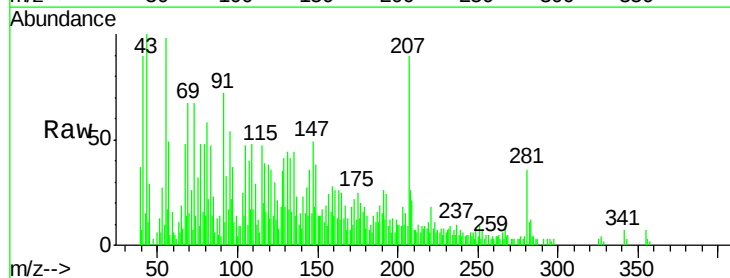
Tgt Ion:149 Resp: 1228

Ion Ratio Lower Upper

149 100

167 109.0 1.3 1.9#

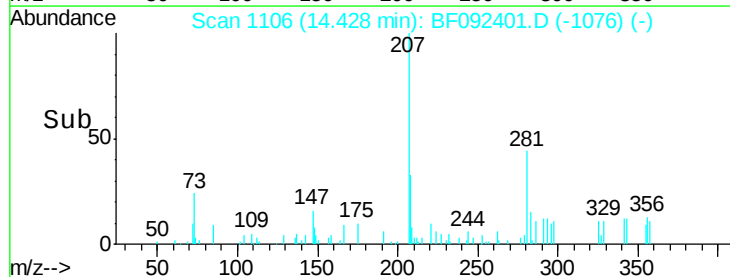
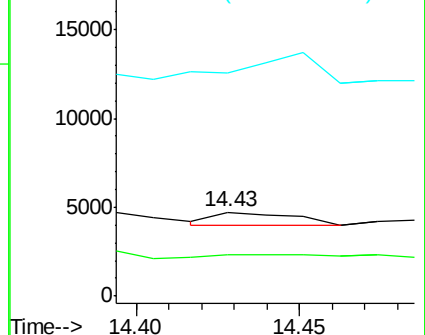
43 0.0 8.9 13.3#

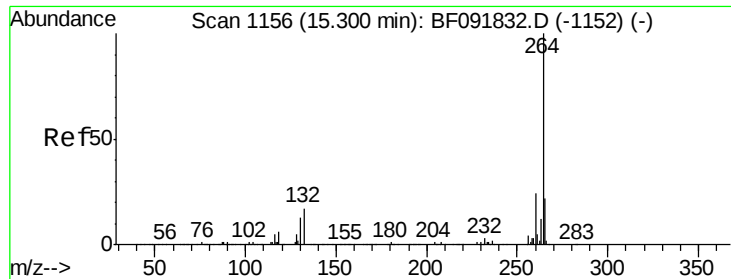


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

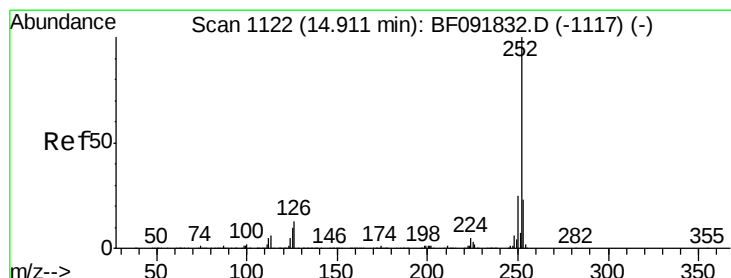
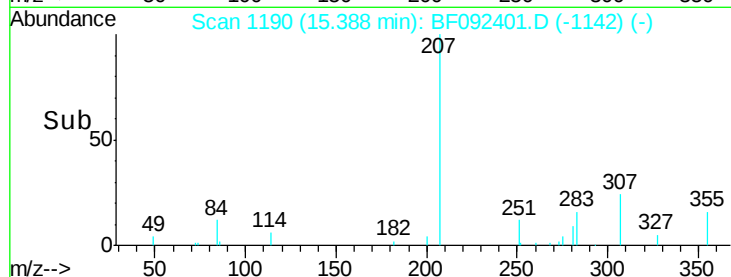
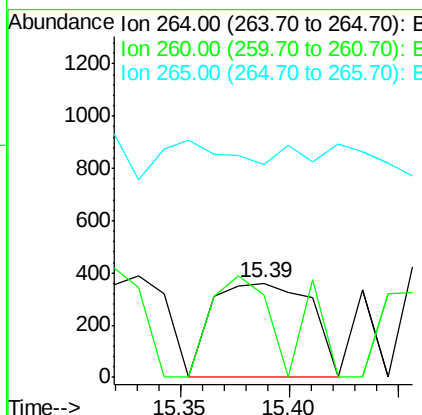
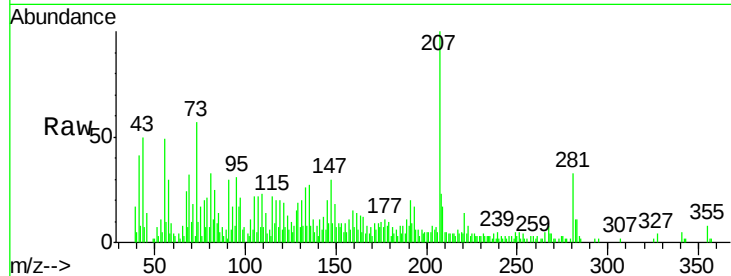




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.39 min Scan# 1190
Delta R.T. 0.24 min
Lab File: BF092401.D
Acq: 21 Jan 2017 6:55

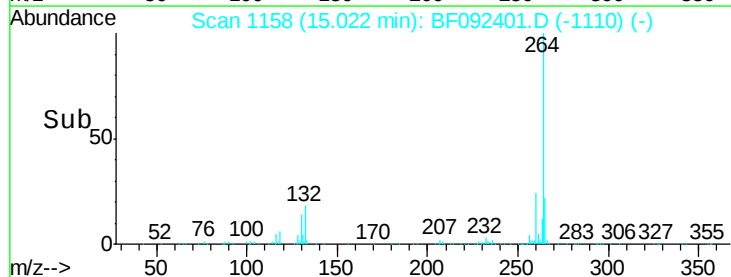
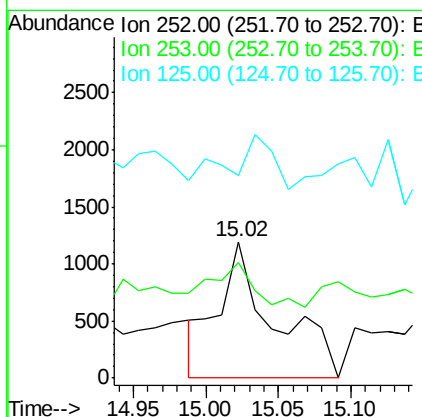
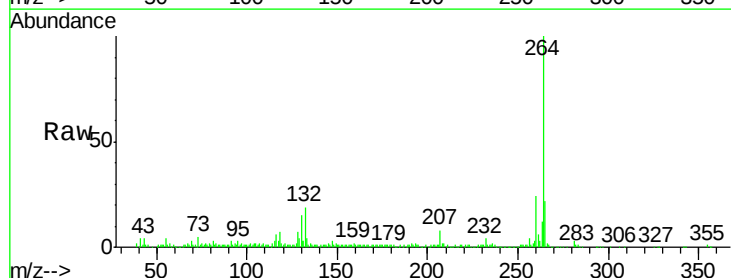
Instrument :
BNA_F
ClientSampleId :
MW-01

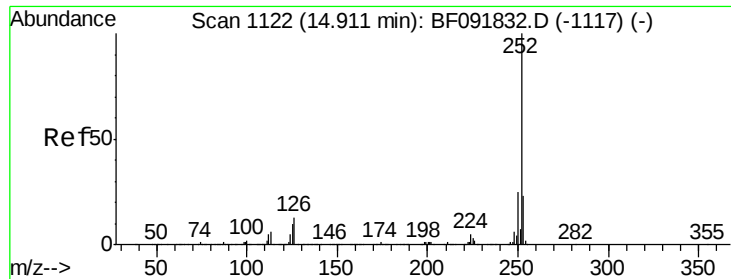
Tgt Ion: 264 Resp: 1130
Ion Ratio Lower Upper
264 100
260 87.5 19.2 28.8#
265 226.0 17.4 26.0#



#87
Benzo(b)fluoranthene
Concen: 45.46 ng
RT: 15.02 min Scan# 1158
Delta R.T. 0.24 min
Lab File: BF092401.D
Acq: 21 Jan 2017 6:55

Tgt Ion: 252 Resp: 3198
Ion Ratio Lower Upper
252 100
253 85.1 18.2 27.4#
125 148.4 9.8 14.6#

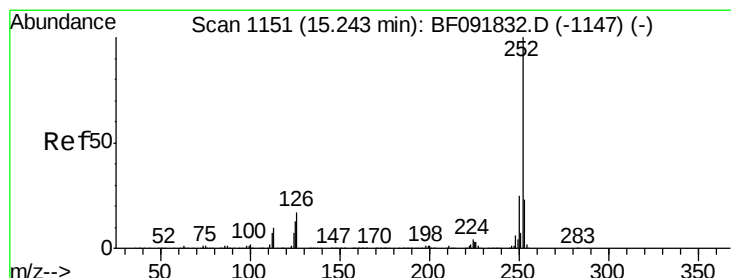
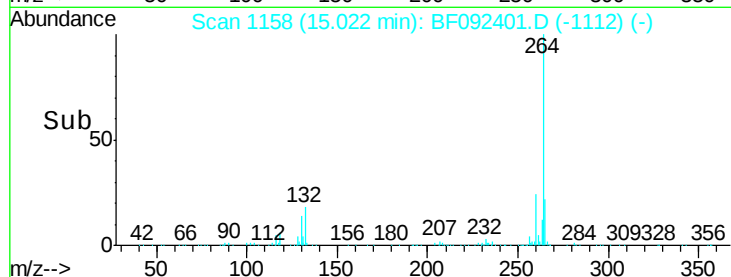
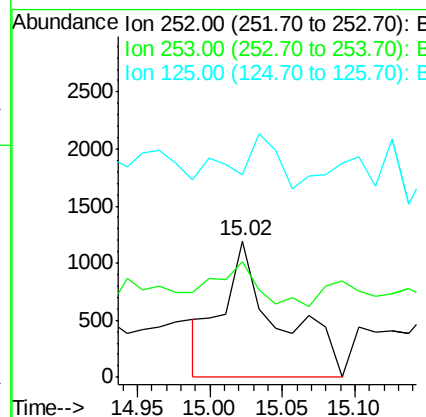
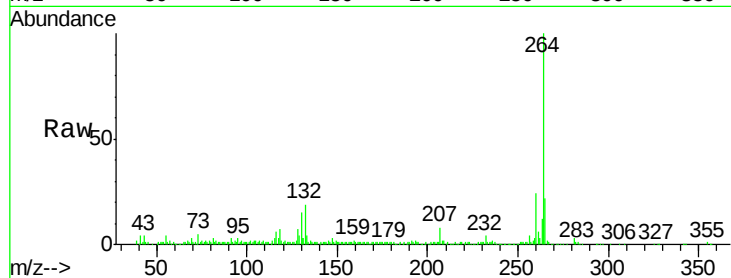




#88
Benzo(k)fluoranthene
Concen: 53.31 ng
RT: 15.02 min Scan# 1158
Delta R.T. 0.22 min
Lab File: BF092401.D
Acq: 21 Jan 2017 6:55

Instrument :
BNA_F
ClientSampleId :
MW-01

Tgt Ion:252 Resp: 3198
Ion Ratio Lower Upper
252 100
253 85.1 18.5 27.7#
125 148.4 8.9 13.3#



#89
Benzo(a)pyrene
Concen: 26.50 ng
RT: 15.35 min Scan# 1187
Delta R.T. 0.25 min
Lab File: BF092401.D
Acq: 21 Jan 2017 6:55

Tgt Ion:252 Resp: 1655
Ion Ratio Lower Upper
252 100
253 113.1 18.2 27.2#
125 390.6 10.0 15.0#

