

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110416\
 Data File : BF091041.D
 Acq On : 5 Nov 2016 00:46
 Operator : UM/SJ
 Sample : H5491-15RE
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GW-73-7.6-14.0RE

Quant Time: Nov 05 00:23:15 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 04 11:03:12 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	178216	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	493716	20.00	ng	0.01
38) Acenaphthene-d10	9.77	164	128224	20.00	ng	0.02
63) Phenanthrene-d10	11.25	188	284335	20.00	ng	0.02
75) Chrysene-d12	13.86	240	346968	20.00	ng	0.00
86) Perylene-d12	15.24	264	273315	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.30	112	592899	54.94	ng	0.01
7) Phenol-d6	6.36	99	632414	43.18	ng	0.01
23) Nitrobenzene-d5	7.28	82	804401	88.88	ng	0.00
41) 2,4,6-Tribromophenol	10.57	330	114186	98.50	ng	0.03
44) 2-Fluorobiphenyl	9.09	172	823253	110.54	ng	0.02
78) Terphenyl-d14	12.82	244	1079057	77.61	ng	0.01

Target Compounds

						Qvalue
15) Benzyl Alcohol	6.86	79	32936	3.19	ng	# 54
18) Hexachloroethane	7.29	117	19108	3.53	ng	# 34
19) n-Nitroso-di-n-propylamine	7.14	70	96822	9.54	ng	# 65
24) Nitrobenzene	7.25	77	56197	5.62	ng	# 36
25) Isophorone	7.53	82	225319	12.92	ng	# 1
26) 2-Nitrophenol	7.68	139	86580	20.47	ng	# 24
27) 2,4-Dimethylphenol	7.65	122	35878	5.13	ng	# 7
28) bis(2-Chloroethoxy)methane	7.80	93	45994	4.83	ng	# 1
29) 2,4-Dichlorophenol	7.85	162	29163	4.78	ng	# 1
30) 1,2,4-Trichlorobenzene	7.90	180	17655	2.57	ng	# 67
31) Naphthalene	8.03	128	128190	5.43	ng	# 1
32) Benzoic acid	7.80	122	29866	9.97	ng	# 21
33) 4-Chloroaniline	8.05	127	66894	6.81	ng	# 1
35) Caprolactam	8.45	113	199151	103.83	ng	# 42
36) 4-Chloro-3-methylphenol	8.53	107	28116	3.80	ng	# 28
42) 2,4,6-Trichlorophenol	9.01	196	30393	14.40	ng	# 13
43) 2,4,5-Trichlorophenol	9.01	196	30393	13.72	ng	# 1
45) 1,1'-Biphenyl	8.96	154	26193	2.80	ng	# 75
47) 2-Nitroaniline	9.32	65	16646	6.31	ng	# 5
48) Acenaphthylene	9.63	152	36933	3.33	ng	# 1
49) Dimethylphthalate	9.46	163	49998	5.95	ng	# 15
50) 2,6-Dinitrotoluene	9.55	165	55119	30.59	ng	# 53
51) Acenaphthene	9.80	154	41634	5.99	ng	# 79
52) 3-Nitroaniline	9.73	138	20536	9.61	ng	# 33
53) 2,4-Dinitrophenol	9.87	184	920	7.12	ng	# 1
54) Dibenzofuran	9.97	168	36508	3.90	ng	# 2
55) 4-Nitrophenol	9.88	139	33882	27.84	ng	# 1
56) 2,4-Dinitrotoluene	10.01	165	47944	20.91	ng	# 61
57) Fluorene	10.32	166	108490	14.18	ng	# 20
58) 2,3,4,6-Tetrachlorophenol	10.13	232	6587	3.79	ng	# 1
60) 4-Chlorophenyl-phenylether	10.27	204	22988	6.60	ng	# 1
61) 4-Nitroaniline	10.24	138	13911	6.44	ng	# 88
62) Azobenzene	10.50	77	70811	6.98	ng	# 19
64) 4,6-Dinitro-2-methylphenol	10.40	198	3655	2.10	ng	# 1

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110416\
Data File : BF091041.D
Acq On : 5 Nov 2016 00:46
Operator : UM/SJ
Sample : H5491-15RE
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GW-73-7.6-14.0RE

Quant Time: Nov 05 00:23:15 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 04 11:03:12 2016
Response via : Initial Calibration

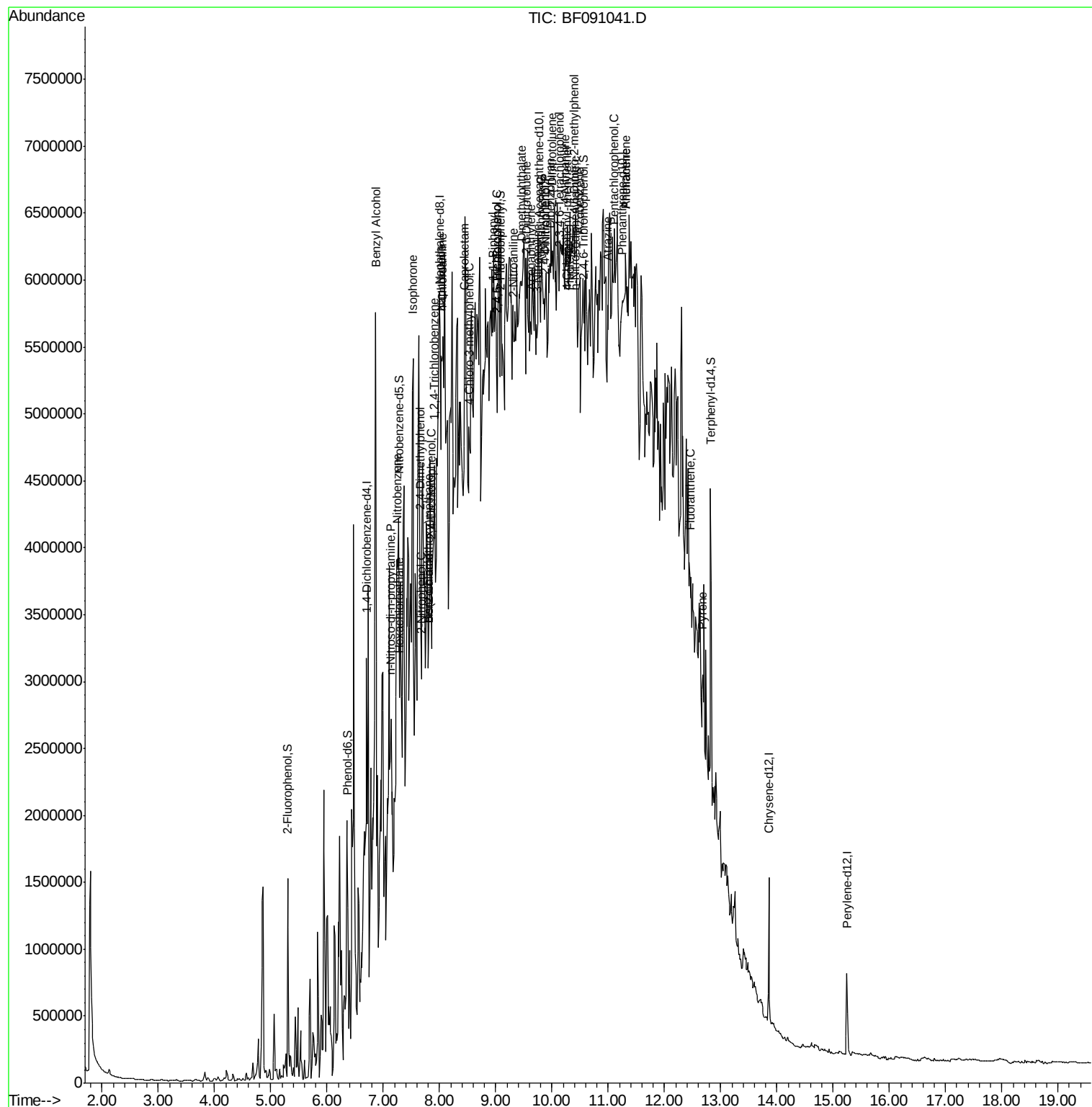
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
65) n-Nitrosodiphenylamine	10.42	169	642190	71.06	ng	# 50
68) Atrazine	10.99	200	50215	19.26	ng	# 36
69) Pentachlorophenol	11.10	266	4355	3.01	ng	# 29
70) Phenanthrene	11.31	178	280678	18.57	ng	# 1
71) Anthracene	11.31	178	280678	17.47	ng	# 1
74) Fluoranthene	12.45	202	48820	3.11	ng	69
77) Pyrene	12.68	202	248119	10.92	ng	# 92

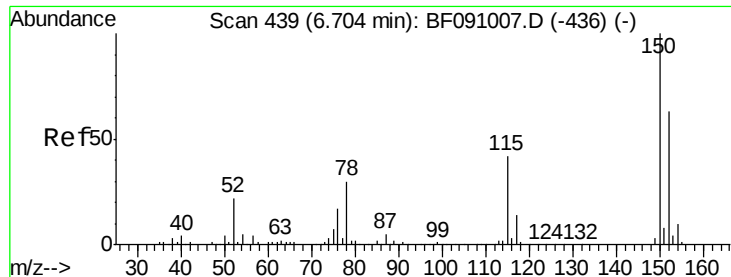
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110416\
Data File : BF091041.D
Acq On : 5 Nov 2016 00:46
Operator : UM/SJ
Sample : H5491-15RE
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GW-73-7.6-14.0RE

Quant Time: Nov 05 00:23:15 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 04 11:03:12 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.70 min Scan# 439

Delta R.T. 0.00 min

Lab File: BF091041.D

Acq: 5 Nov 2016 00:46

Instrument :

BNA_F

ClientSampleId :

GW-73-7.6-14.0RE

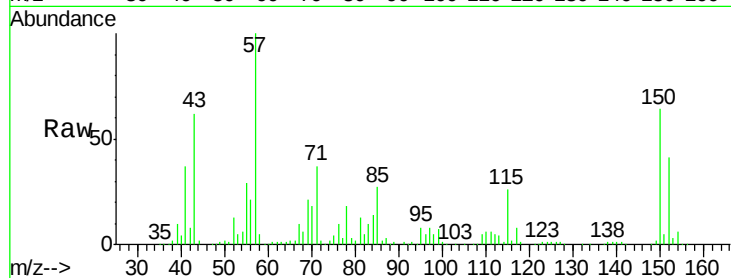
Tgt Ion:152 Resp: 178216

Ion Ratio Lower Upper

152 100

150 158.6 126.8 190.2

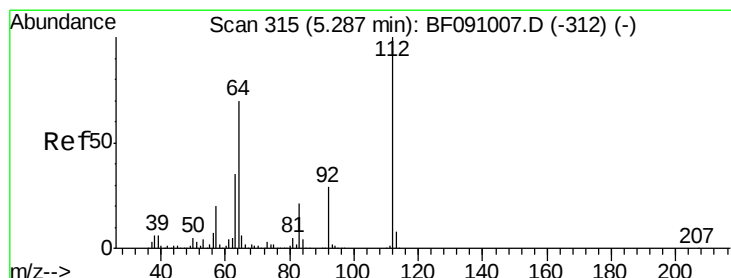
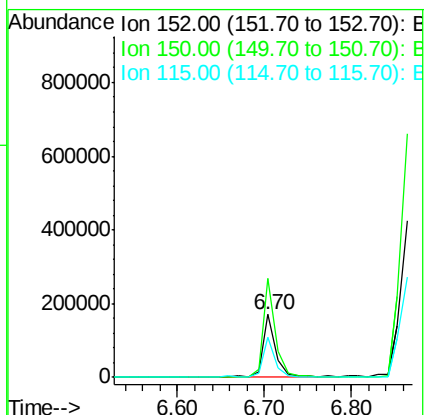
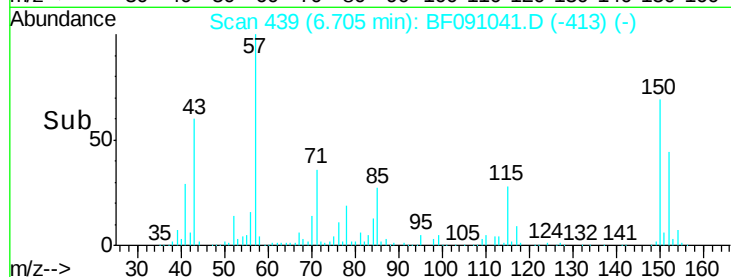
115 63.8 53.3 79.9



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: 54.94 ng

RT: 5.30 min Scan# 316

Delta R.T. 0.01 min

Lab File: BF091041.D

Acq: 5 Nov 2016 00:46

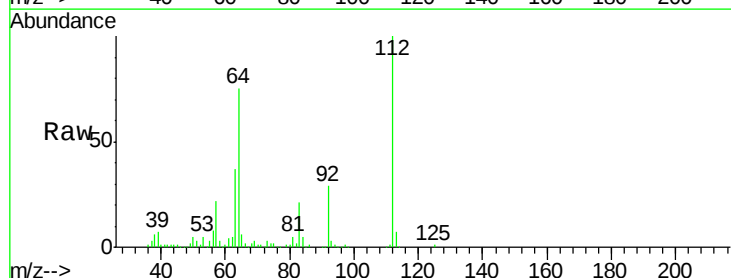
Tgt Ion:112 Resp: 592899

Ion Ratio Lower Upper

112 100

64 74.8 55.8 83.6

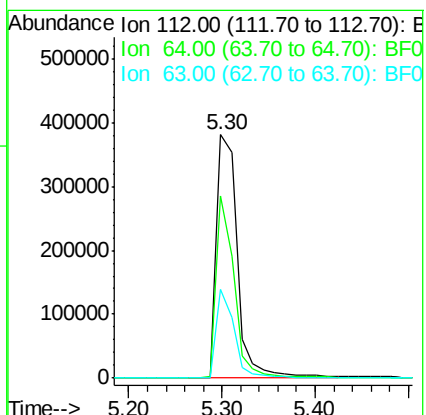
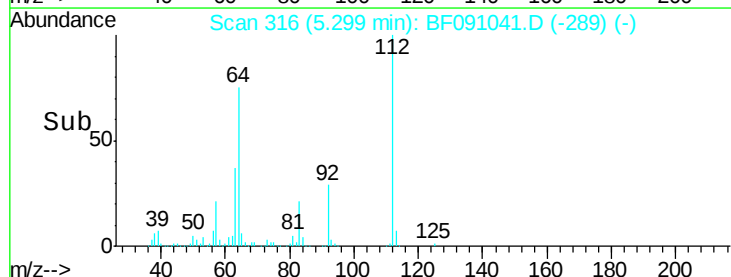
63 36.5 28.0 42.0

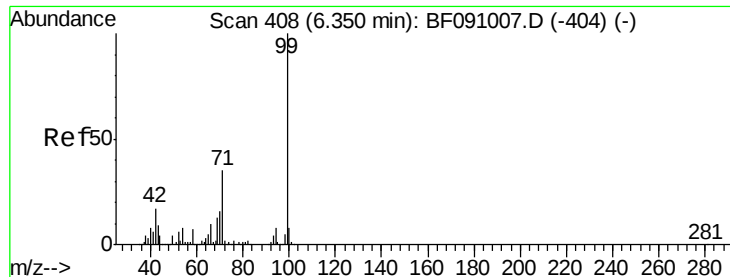


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 43.18 ng

RT: 6.36 min Scan# 409

Delta R.T. 0.01 min

Lab File: BF091041.D

Acq: 5 Nov 2016 00:46

Instrument :

BNA_F

ClientSampleId :

GW-73-7.6-14.0RE

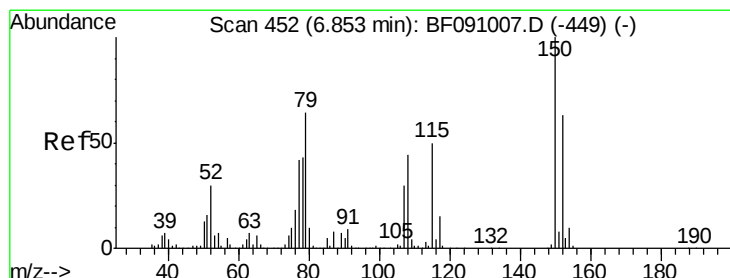
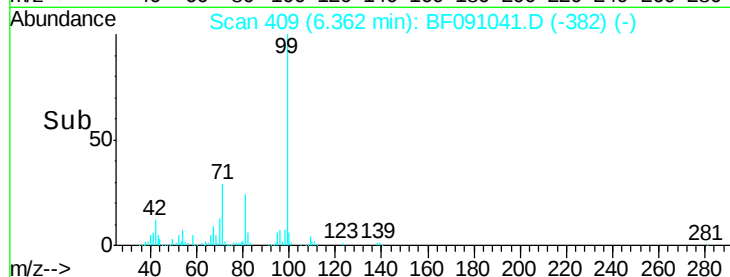
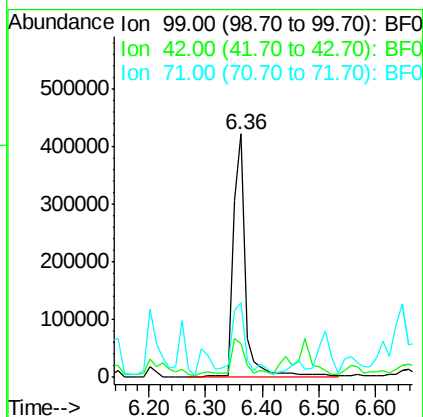
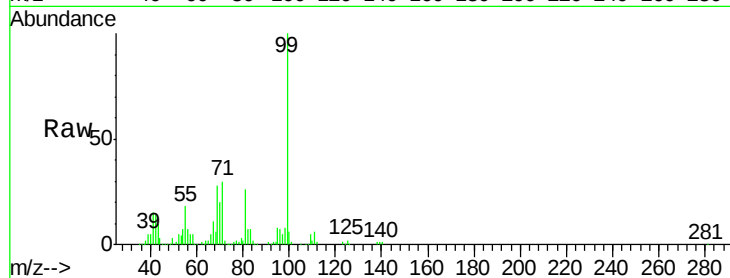
Tgt Ion: 99 Resp: 632414

Ion Ratio Lower Upper

99 100

42 13.9 13.9 20.9#

71 30.4 27.8 41.8



#15

Benzyl Alcohol

Concen: 3.19 ng

RT: 6.86 min Scan# 453

Delta R.T. 0.01 min

Lab File: BF091041.D

Acq: 5 Nov 2016 00:46

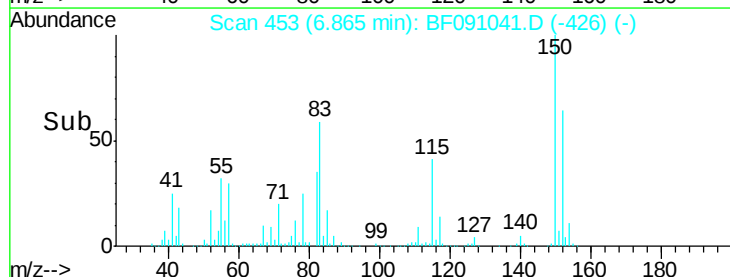
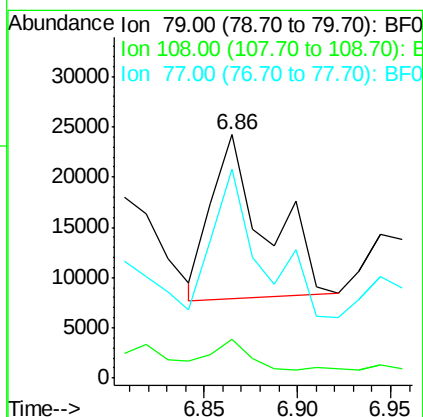
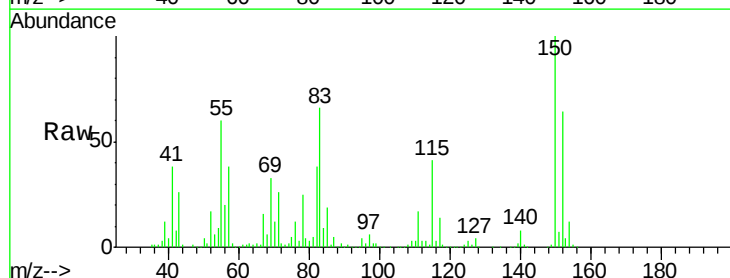
Tgt Ion: 79 Resp: 32936

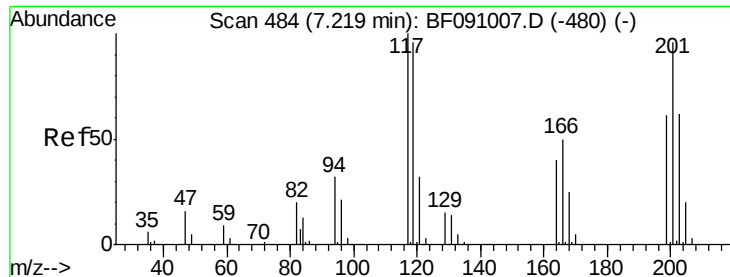
Ion Ratio Lower Upper

79 100

108 16.1 55.7 83.5#

77 85.8 52.6 79.0#

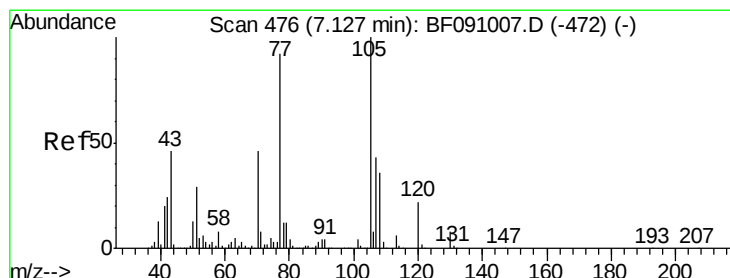
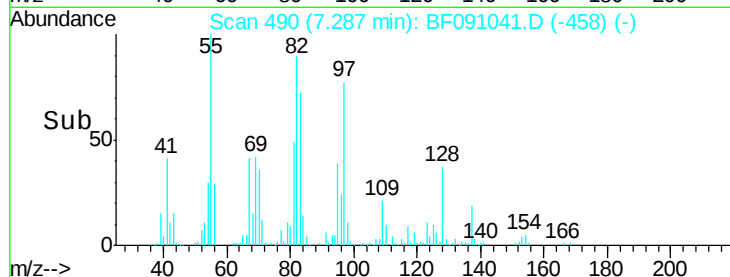
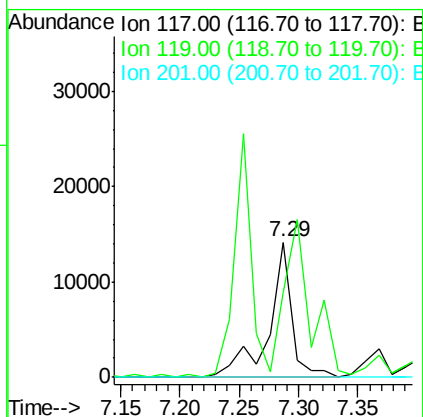
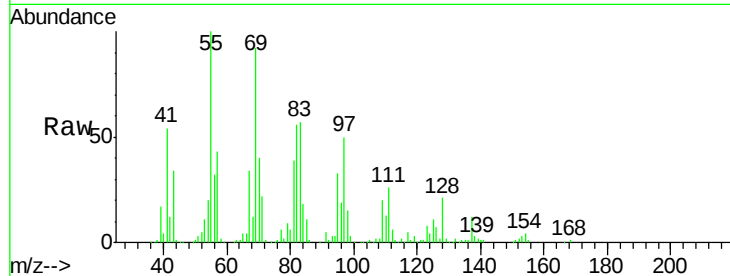




#18
Hexachloroethane
Concen: 3.53 ng
RT: 7.29 min Scan# 490
Delta R.T. 0.07 min
Lab File: BF091041.D
Acq: 5 Nov 2016 00:46

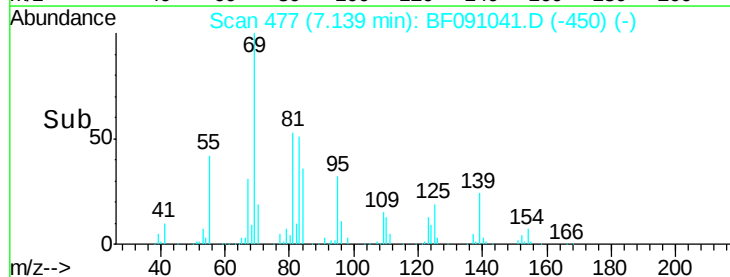
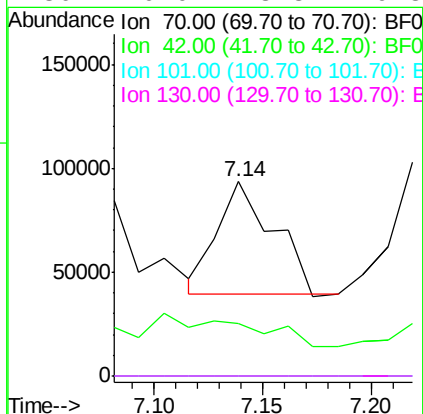
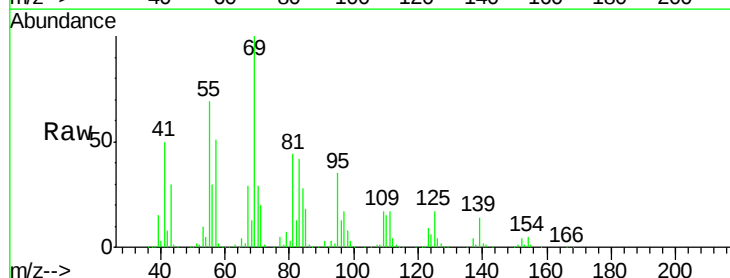
Instrument :
BNA_F
ClientSampleId :
GW-73-7.6-14.0RE

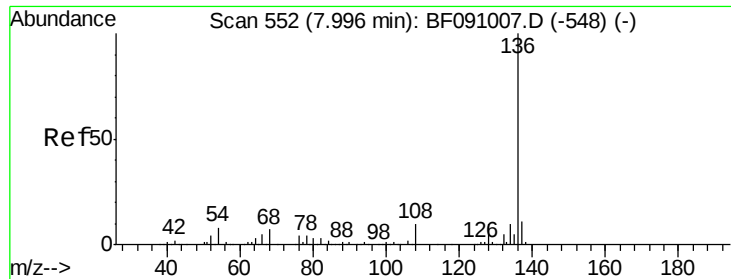
Tgt Ion: 117 Resp: 19108
Ion Ratio Lower Upper
117 100
119 63.2 76.6 115.0#
201 0.0 77.1 115.7#



#19
n-Nitroso-di-n-propylamine
Concen: 9.54 ng
RT: 7.14 min Scan# 477
Delta R.T. 0.01 min
Lab File: BF091041.D
Acq: 5 Nov 2016 00:46

Tgt Ion: 70 Resp: 96822
Ion Ratio Lower Upper
70 100
42 27.3 41.7 62.5#
101 0.0 6.7 10.1#
130 0.0 13.8 20.8#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.01 min Scan# 553

Delta R.T. 0.01 min

Lab File: BF091041.D

Acq: 5 Nov 2016 00:46

Instrument :

BNA_F

ClientSampleId :

GW-73-7.6-14.0RE

Tgt Ion:136 Resp: 493716

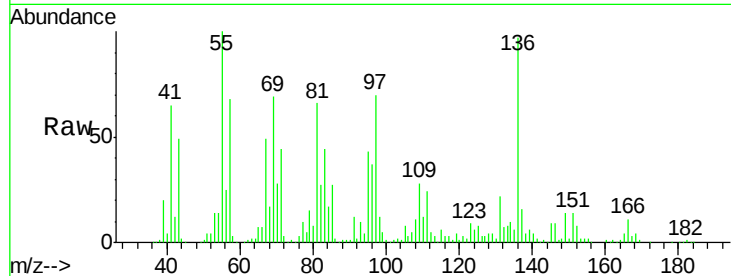
Ion Ratio Lower Upper

136 100

137 16.2 8.9 13.3#

54 14.0 6.2 9.2#

68 17.5 5.5 8.3#

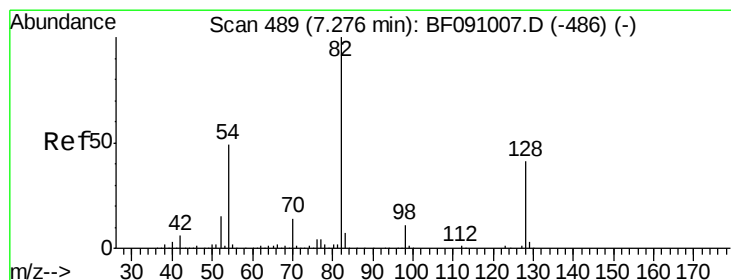
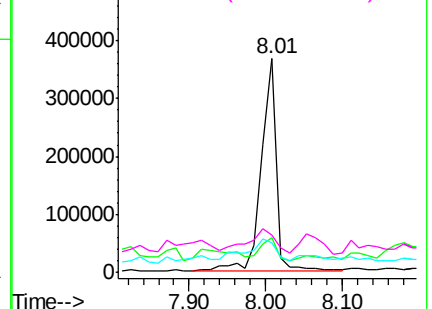
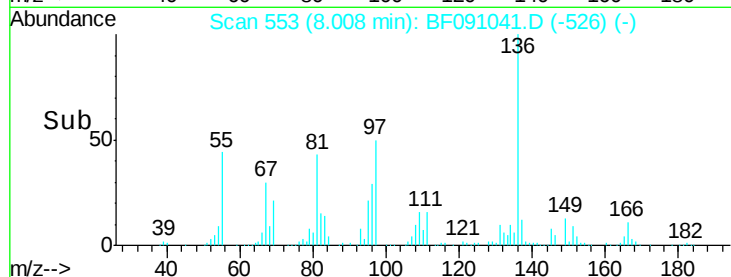


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#23

Nitrobenzene-d5

Concen: 88.88 ng

RT: 7.28 min Scan# 489

Delta R.T. 0.00 min

Lab File: BF091041.D

Acq: 5 Nov 2016 00:46

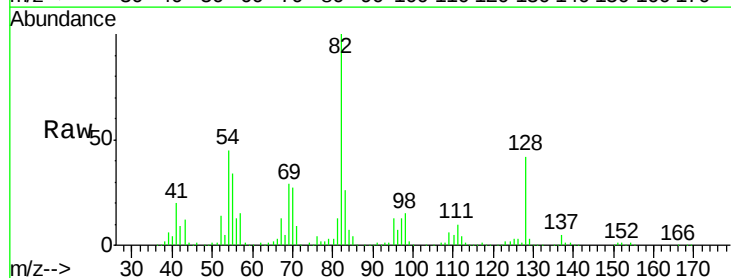
Tgt Ion: 82 Resp: 804401

Ion Ratio Lower Upper

82 100

128 42.3 32.4 48.6

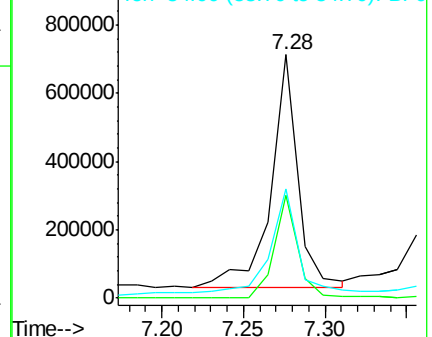
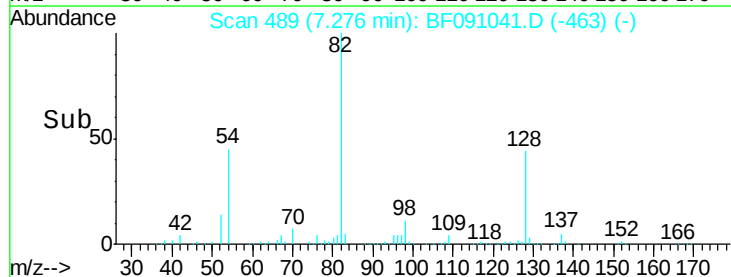
54 44.7 39.2 58.8

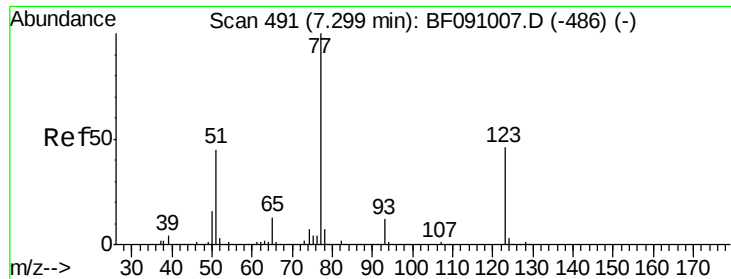


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

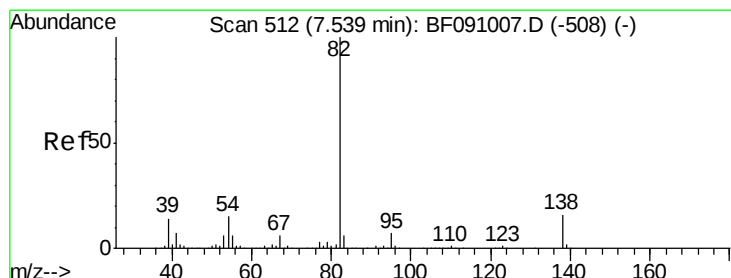
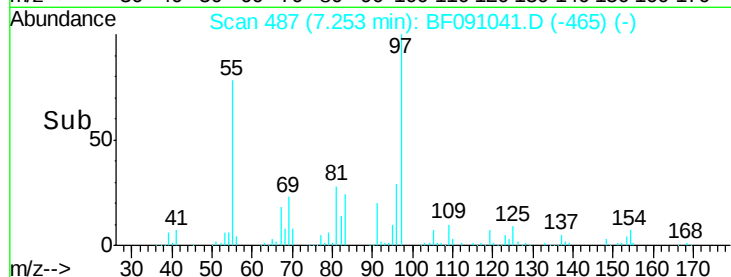
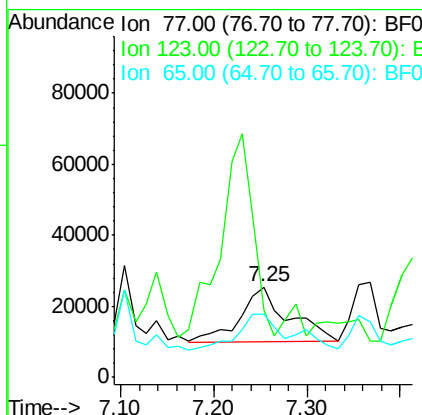
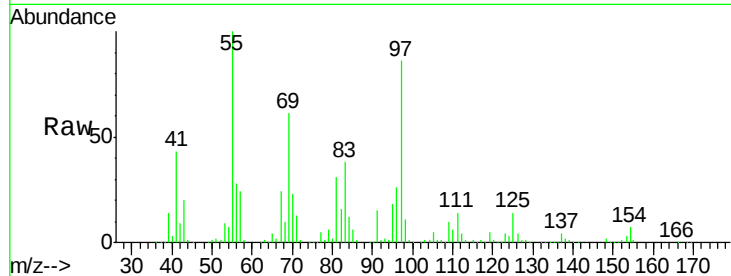




#24
 Nitrobenzene
 Concen: 5.62 ng
 RT: 7.25 min Scan# 487
 Delta R.T. -0.05 min
 Lab File: BF091041.D
 Acq: 5 Nov 2016 00:46

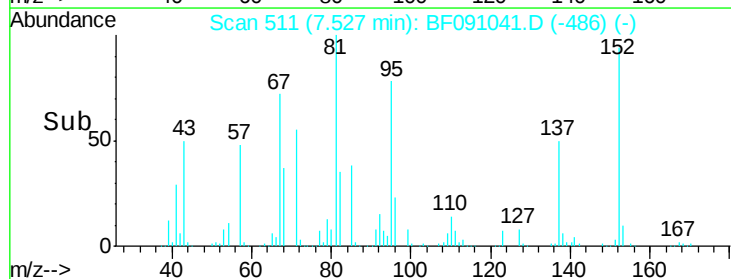
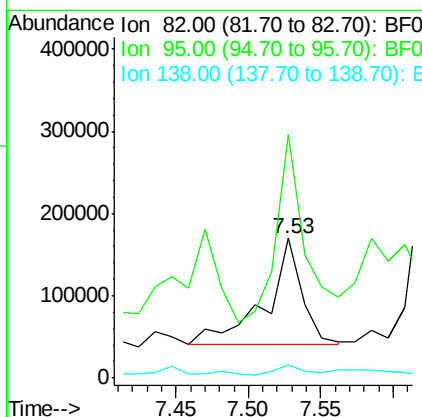
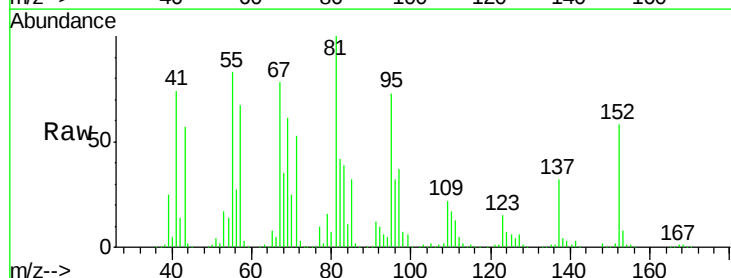
Instrument :
 BNA_F
 ClientSampleId :
 GW-73-7.6-14.0RE

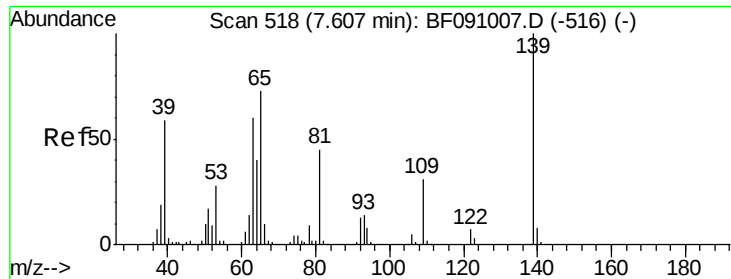
Tgt Ion: 77 Resp: 56197
 Ion Ratio Lower Upper
 77 100
 123 73.3 36.5 54.7#
 65 69.2 10.7 16.1#



#25
 Isophorone
 Concen: 12.92 ng
 RT: 7.53 min Scan# 511
 Delta R.T. -0.01 min
 Lab File: BF091041.D
 Acq: 5 Nov 2016 00:46

Tgt Ion: 82 Resp: 225319
 Ion Ratio Lower Upper
 82 100
 95 174.6 5.4 8.0#
 138 9.9 13.0 19.4#

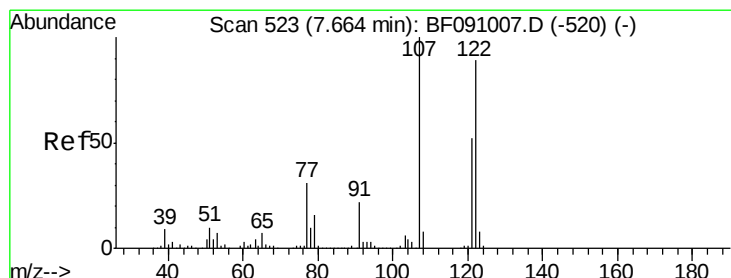
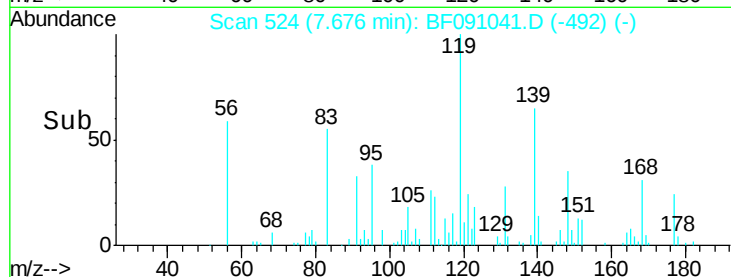
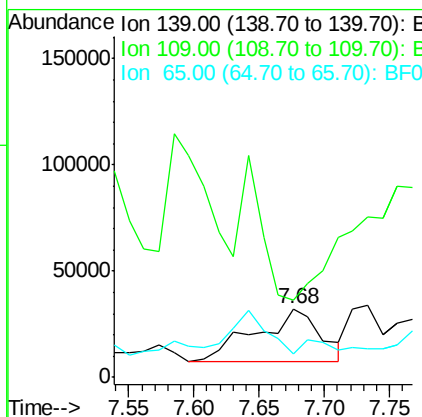
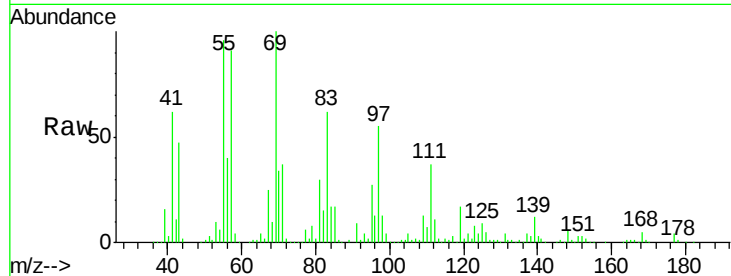




#26
2-Nitrophenol
Concen: 20.47 ng
RT: 7.68 min Scan# 524
Delta R.T. 0.07 min
Lab File: BF091041.D
Acq: 5 Nov 2016 00:46

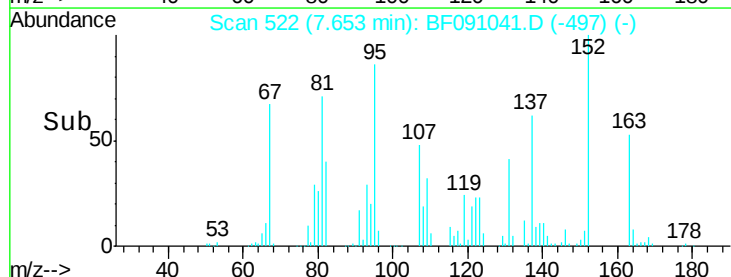
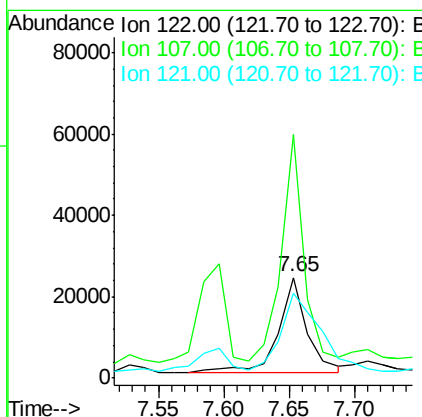
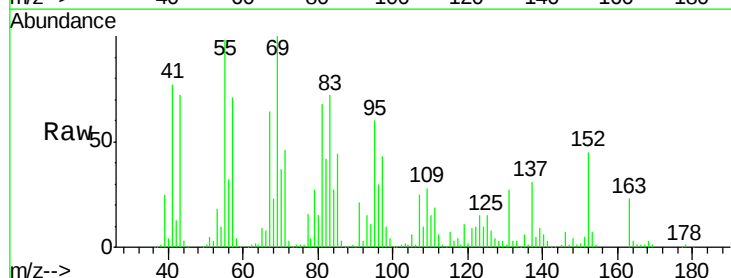
Instrument :
BNA_F
ClientSampleId :
GW-73-7.6-14.0RE

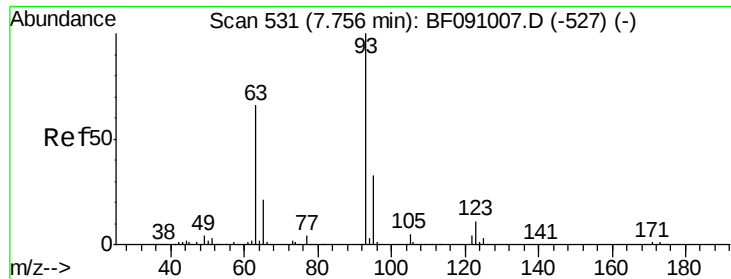
Tgt Ion:139 Resp: 86580
Ion Ratio Lower Upper
139 100
109 111.6 24.7 37.1#
65 35.0 58.3 87.5#



#27
2,4-Dimethylphenol
Concen: 5.13 ng
RT: 7.65 min Scan# 522
Delta R.T. -0.01 min
Lab File: BF091041.D
Acq: 5 Nov 2016 00:46

Tgt Ion:122 Resp: 35878
Ion Ratio Lower Upper
122 100
107 242.1 89.6 134.4#
121 84.7 46.3 69.5#

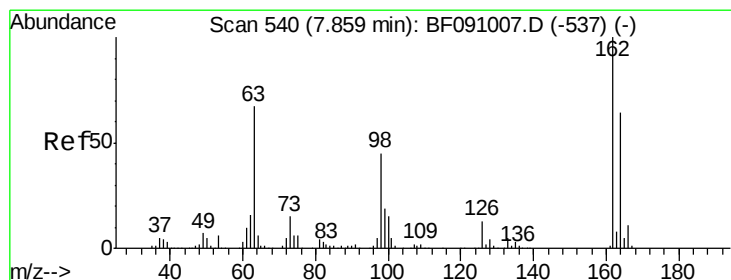
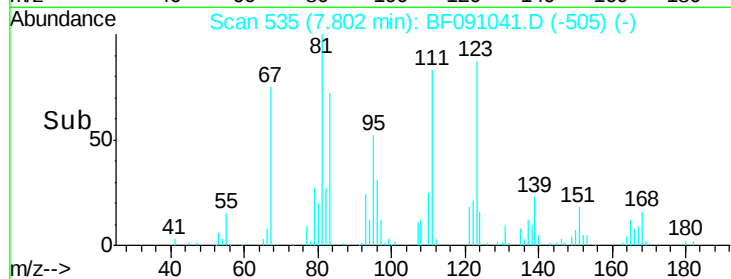
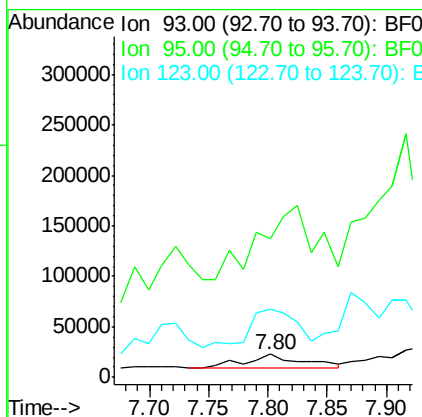
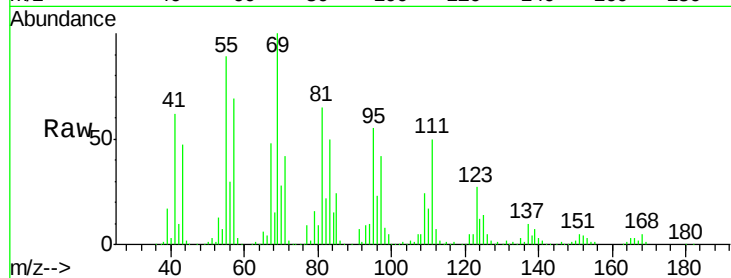




#28
bis(2-Chloroethoxy)methane
Concen: 4.83 ng
RT: 7.80 min Scan# 535
Delta R.T. 0.05 min
Lab File: BF091041.D
Acq: 5 Nov 2016 00:46

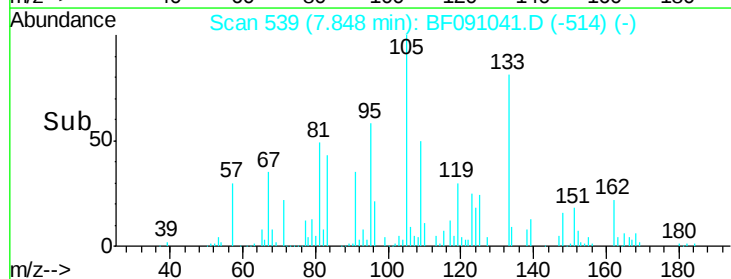
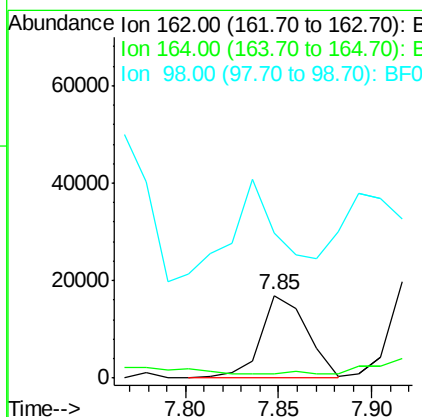
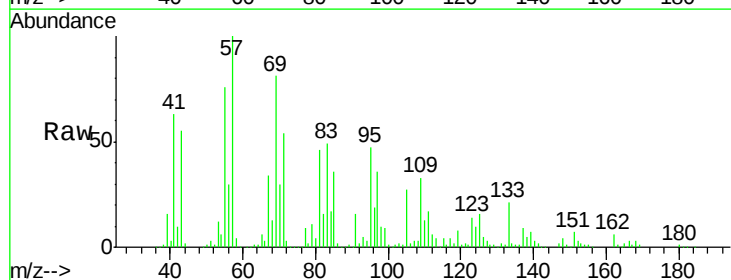
Instrument :
BNA_F
ClientSampleId :
GW-73-7.6-14.0RE

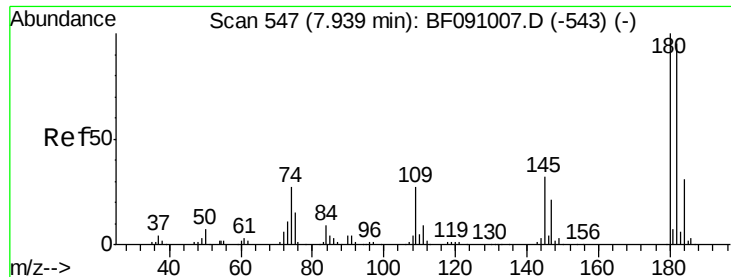
Tgt Ion: 93 Resp: 45994
Ion Ratio Lower Upper
93 100
95 591.3 26.3 39.5#
123 291.5 8.7 13.1#



#29
2,4-Dichlorophenol
Concen: 4.78 ng
RT: 7.85 min Scan# 539
Delta R.T. -0.01 min
Lab File: BF091041.D
Acq: 5 Nov 2016 00:46

Tgt Ion: 162 Resp: 29163
Ion Ratio Lower Upper
162 100
164 5.6 44.4 84.4#
98 174.7 25.2 65.2#

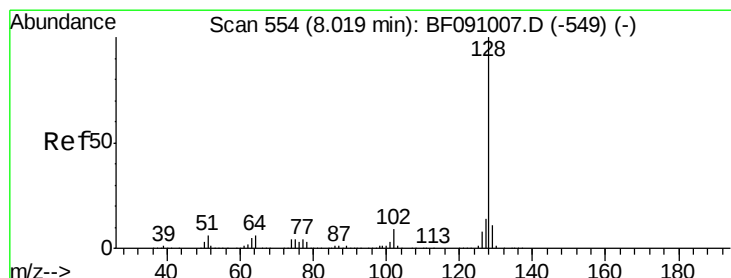
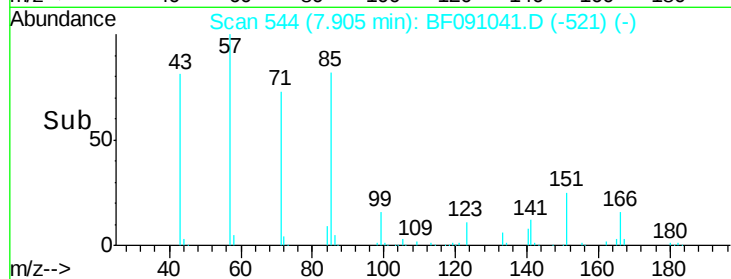
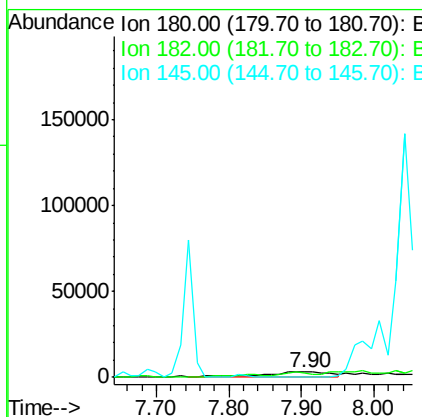
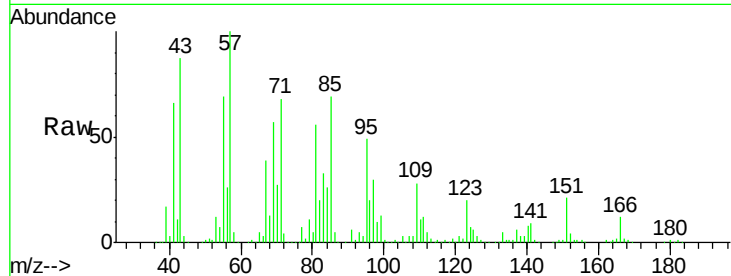




#30
1,2,4-Trichlorobenzene
Concen: 2.57 ng
RT: 7.90 min Scan# 544
Delta R.T. -0.03 min
Lab File: BF091041.D
Acq: 5 Nov 2016 00:46

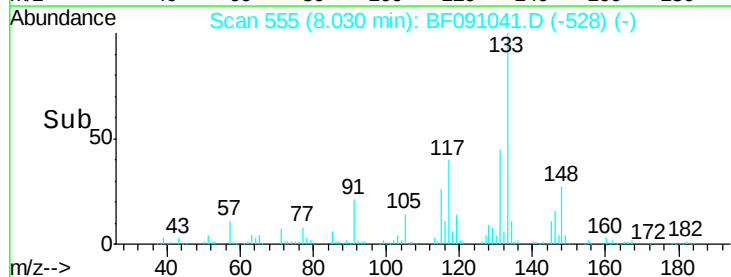
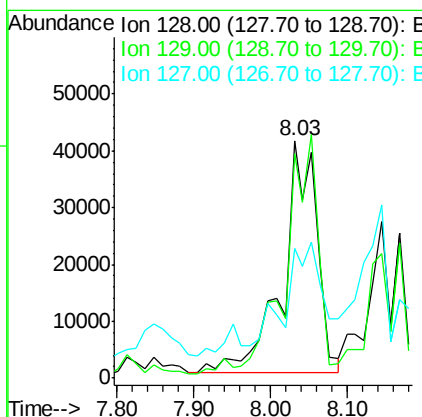
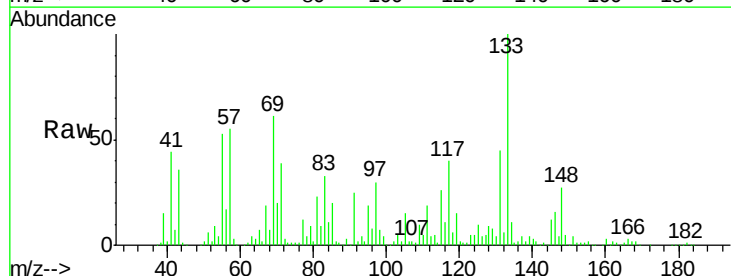
Instrument :
BNA_F
ClientSampleId :
GW-73-7.6-14.0RE

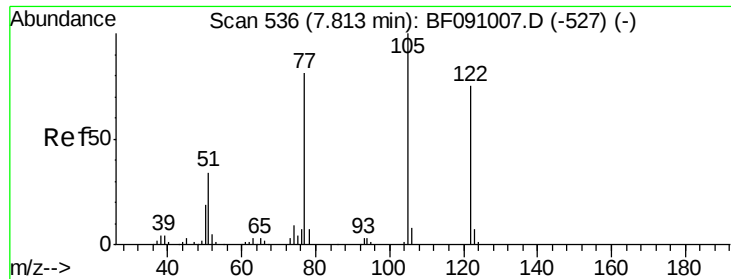
Tgt Ion:180 Resp: 17655
Ion Ratio Lower Upper
180 100
182 71.4 76.0 114.0#
145 0.0 25.8 38.8#



#31
Naphthalene
Concen: 5.43 ng
RT: 8.03 min Scan# 555
Delta R.T. 0.01 min
Lab File: BF091041.D
Acq: 5 Nov 2016 00:46

Tgt Ion:128 Resp: 128190
Ion Ratio Lower Upper
128 100
129 94.7 9.0 13.6#
127 54.5 10.9 16.3#





#32

Benzoic acid

Concen: 9.97 ng

RT: 7.80 min Scan# 535

Delta R.T. -0.01 min

Lab File: BF091041.D

Acq: 5 Nov 2016 00:46

Instrument :

BNA_F

ClientSampleId :

GW-73-7.6-14.0RE

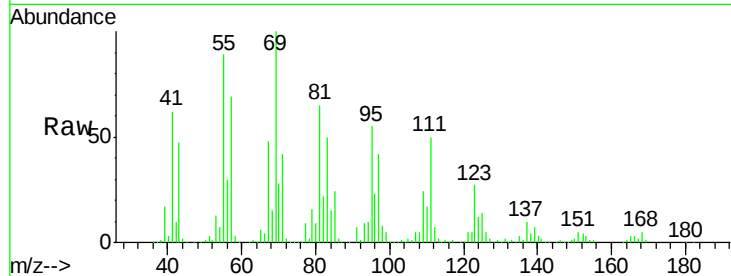
Tgt Ion:122 Resp: 29866

Ion Ratio Lower Upper

122 100

105 34.5 105.9 145.9#

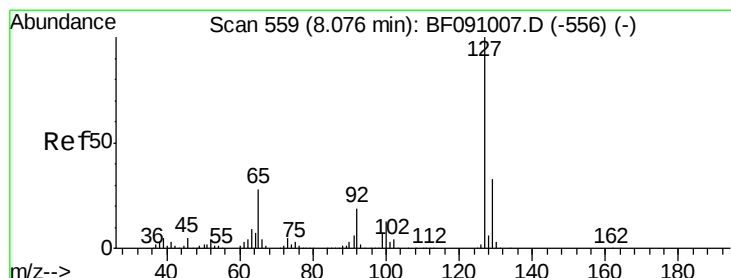
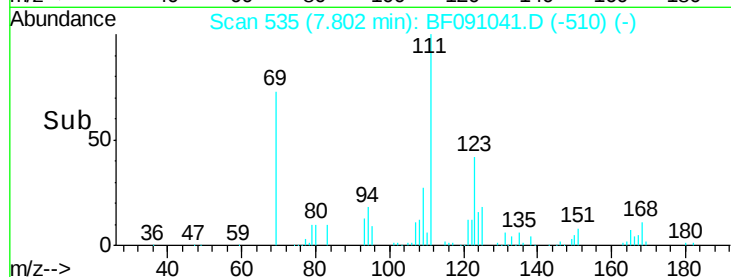
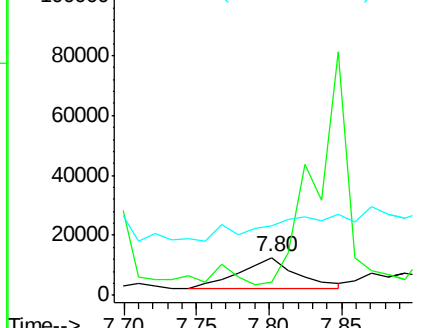
77 183.7 84.0 124.0#



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: 6.81 ng

RT: 8.05 min Scan# 557

Delta R.T. -0.02 min

Lab File: BF091041.D

Acq: 5 Nov 2016 00:46

Tgt Ion:127 Resp: 66894

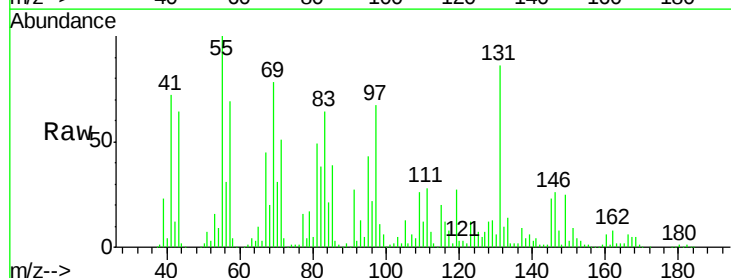
Ion Ratio Lower Upper

127 100

129 178.2 26.6 39.8#

65 131.7 22.2 33.2#

92 42.1 15.0 22.4#

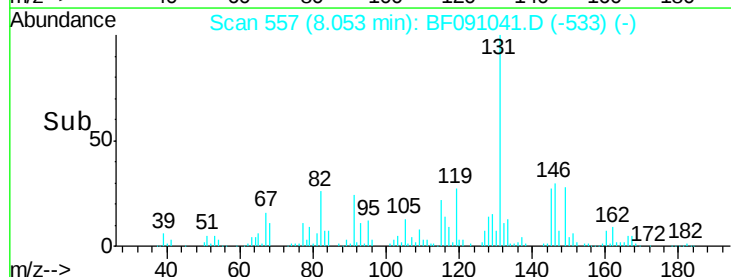
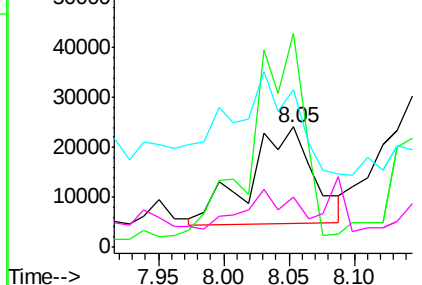


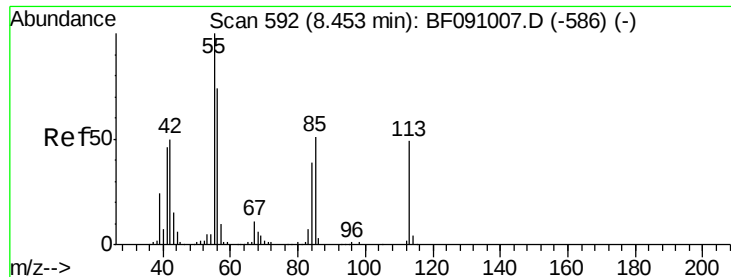
Abundance Ion 127.00 (126.70 to 127.70): E

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

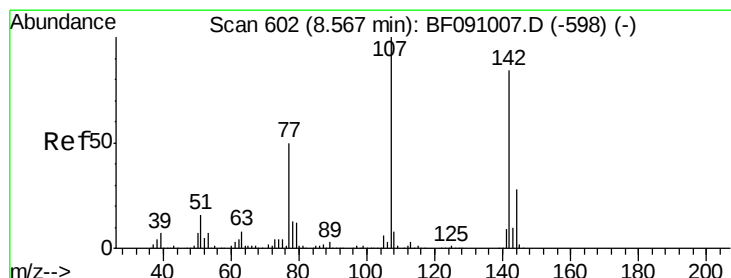
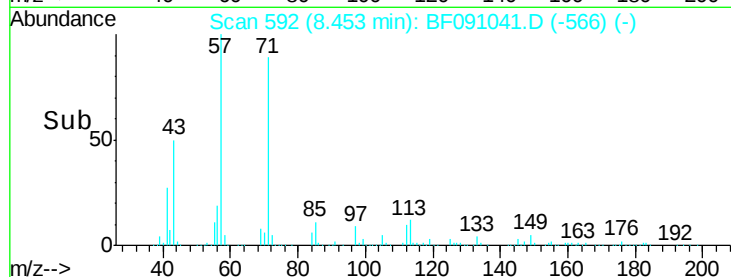
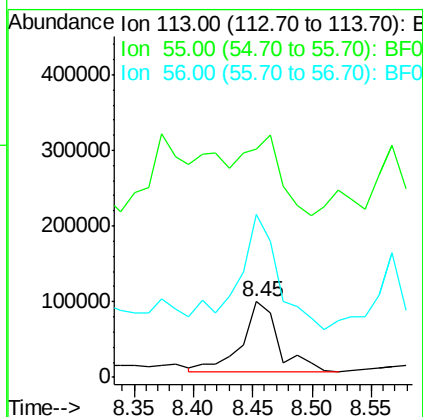
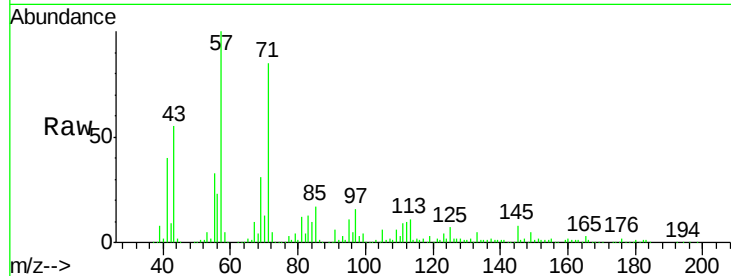




#35
 Caprolactam
 Concen: 103.83 ng
 RT: 8.45 min Scan# 592
 Delta R.T. 0.00 min
 Lab File: BF091041.D
 Acq: 5 Nov 2016 00:46

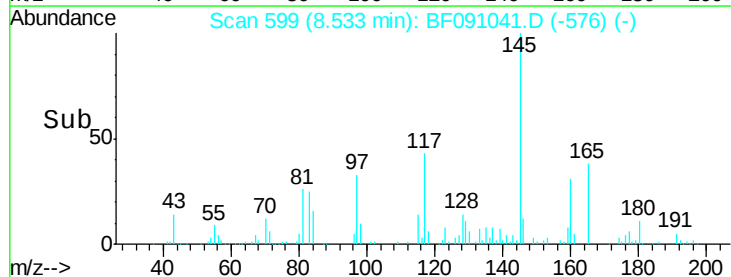
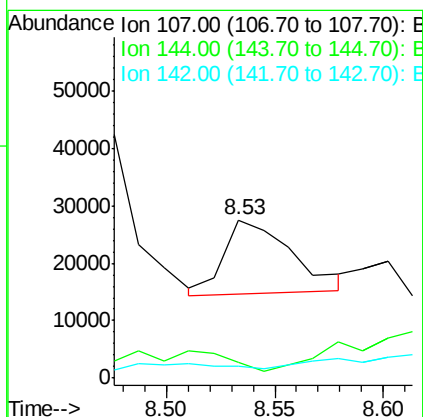
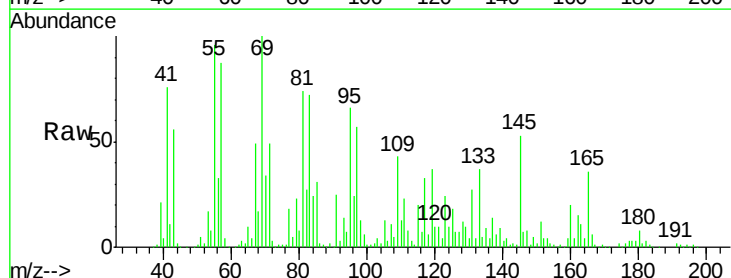
Instrument :
 BNA_F
 ClientSampleId :
 GW-73-7.6-14.0RE

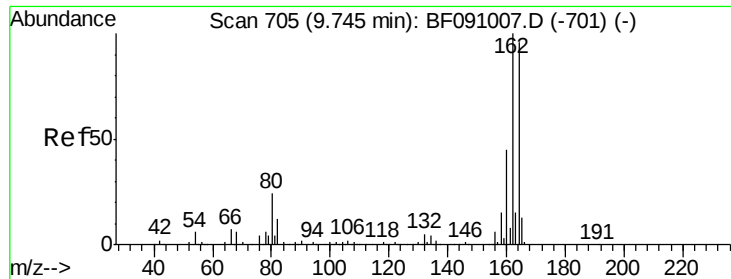
Tgt Ion:113 Resp: 199151
 Ion Ratio Lower Upper
 113 100
 55 301.4 184.1 224.1#
 56 215.6 132.0 172.0#



#36
 4-Chloro-3-methylphenol
 Concen: 3.80 ng
 RT: 8.53 min Scan# 599
 Delta R.T. -0.03 min
 Lab File: BF091041.D
 Acq: 5 Nov 2016 00:46

Tgt Ion:107 Resp: 28116
 Ion Ratio Lower Upper
 107 100
 144 10.4 22.5 33.7#
 142 7.2 67.4 101.2#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.77 min Scan# 707

Delta R.T. 0.02 min

Lab File: BF091041.D

Acq: 5 Nov 2016 00:46

Instrument :

BNA_F

ClientSampleId :

GW-73-7.6-14.0RE

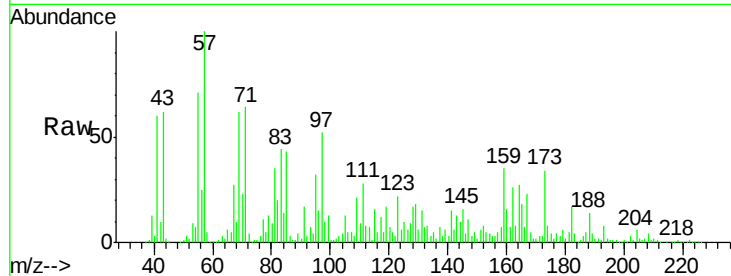
Tgt Ion:164 Resp: 128224

Ion Ratio Lower Upper

164 100

162 98.8 83.6 125.4

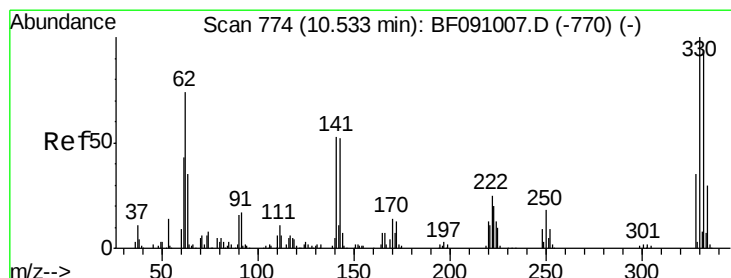
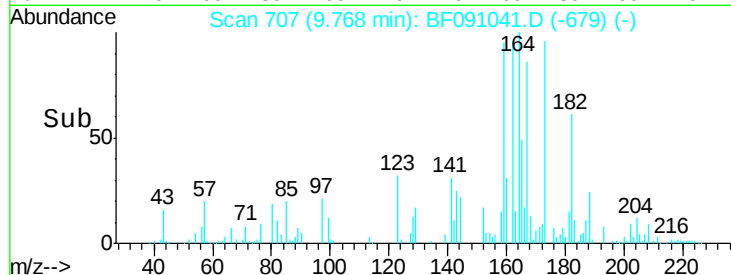
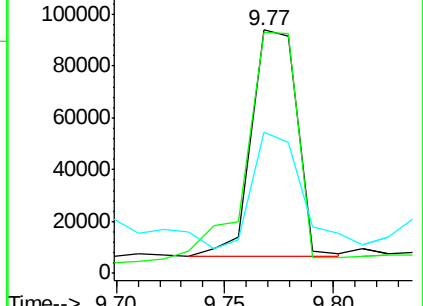
160 58.2 37.9 56.9#



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: 98.50 ng

RT: 10.57 min Scan# 777

Delta R.T. 0.03 min

Lab File: BF091041.D

Acq: 5 Nov 2016 00:46

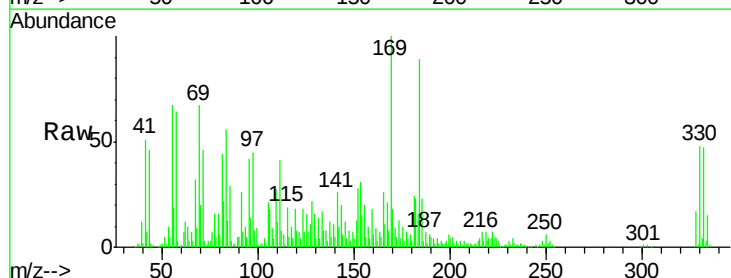
Tgt Ion:330 Resp: 114186

Ion Ratio Lower Upper

330 100

332 97.7 75.9 113.9

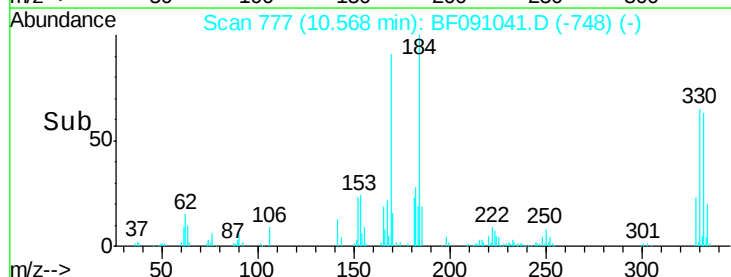
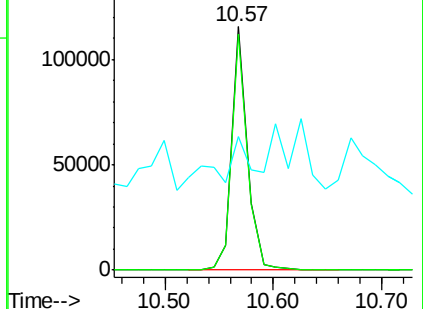
141 20.1 36.1 54.1#

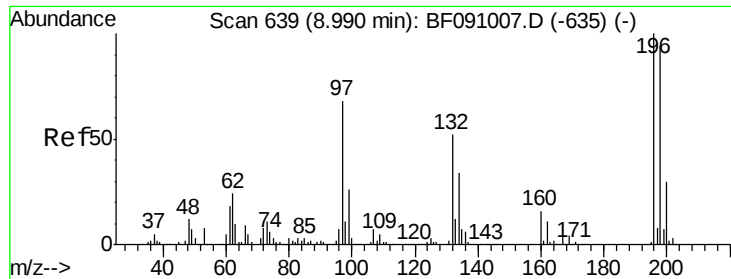


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#42

2,4,6-Trichlorophenol

Concen: 14.40 ng

RT: 9.01 min Scan# 641

Delta R.T. 0.02 min

Lab File: BF091041.D

Acq: 5 Nov 2016 00:46

Instrument :

BNA_F

ClientSampleId :

GW-73-7.6-14.0RE

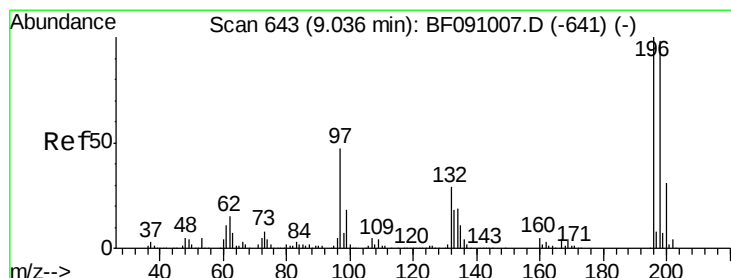
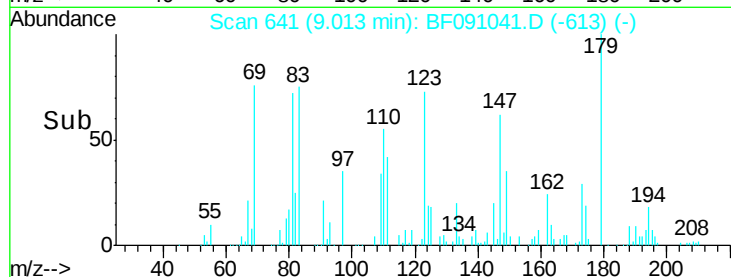
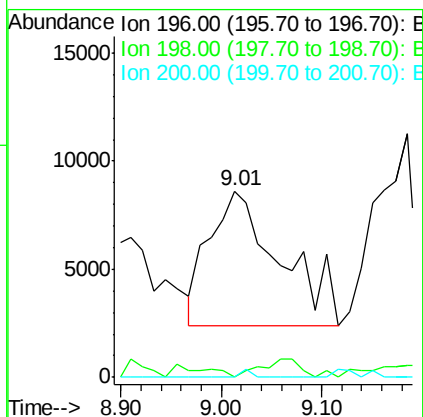
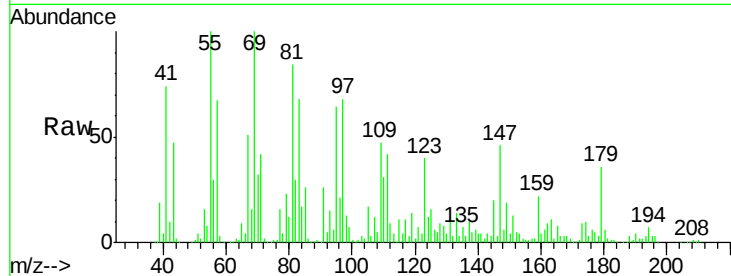
Tgt Ion:196 Resp: 30393

Ion Ratio Lower Upper

196 100

198 0.0 75.4 113.0#

200 0.0 24.1 36.1#



#43

2,4,5-Trichlorophenol

Concen: 13.72 ng

RT: 9.01 min Scan# 641

Delta R.T. -0.02 min

Lab File: BF091041.D

Acq: 5 Nov 2016 00:46

Tgt Ion:196 Resp: 30393

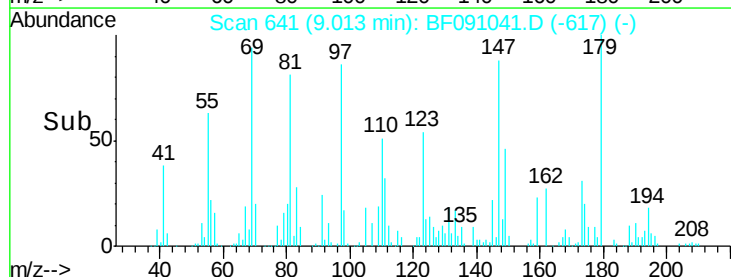
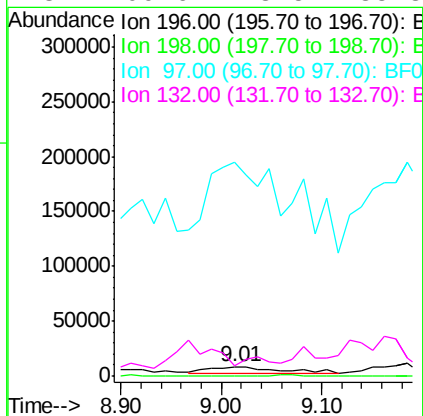
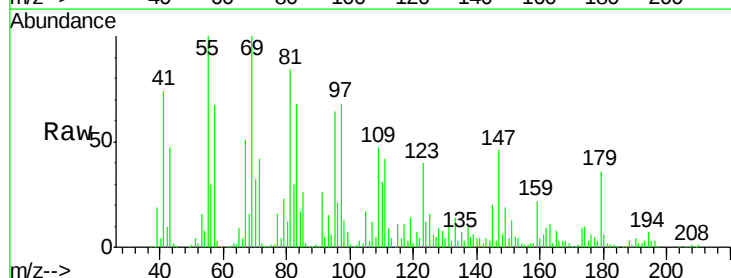
Ion Ratio Lower Upper

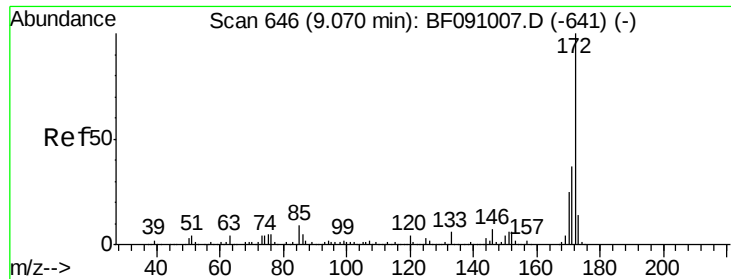
196 100

198 0.0 78.2 117.4#

97 2255.6 38.8 58.2#

132 109.6 23.5 35.3#

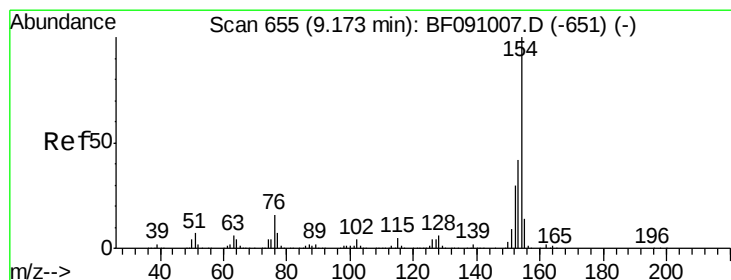
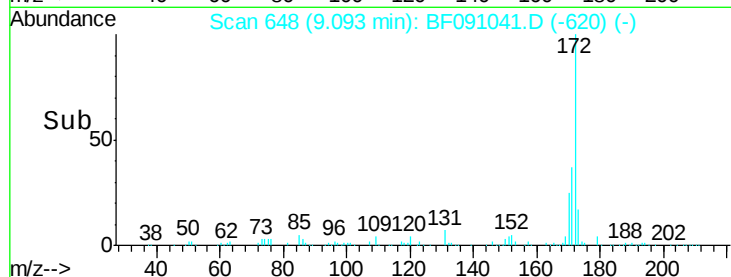
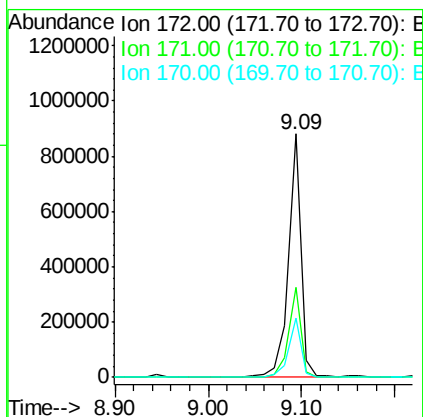
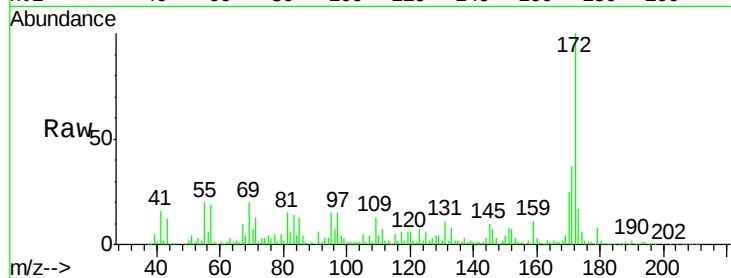




#44
 2-Fluorobiphenyl
 Concen: 110.54 ng
 RT: 9.09 min Scan# 648
 Delta R.T. 0.02 min
 Lab File: BF091041.D
 Acq: 5 Nov 2016 00:46

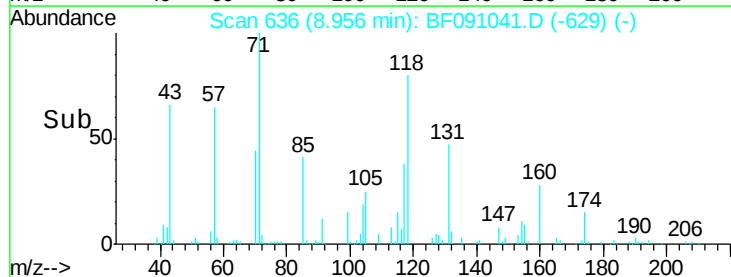
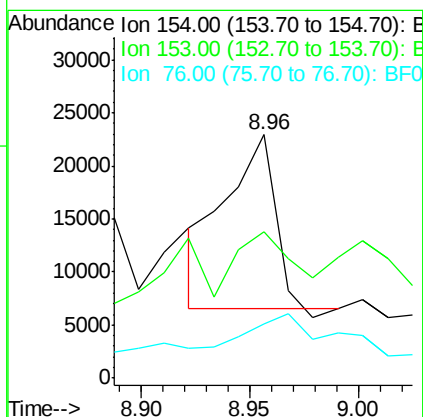
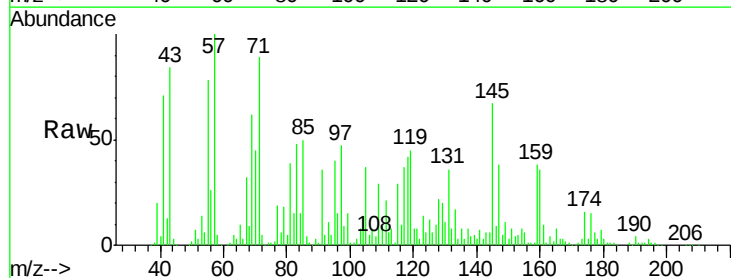
Instrument :
 BNA_F
 ClientSampleId :
 GW-73-7.6-14.0RE

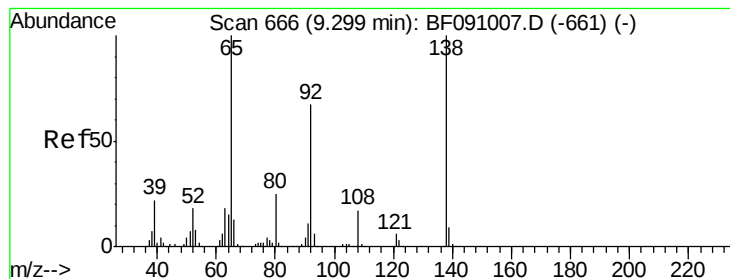
Tgt Ion:172 Resp: 823253
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.8 44.6
 170 24.6 20.3 30.5



#45
 1,1'-Biphenyl
 Concen: 2.80 ng
 RT: 8.96 min Scan# 636
 Delta R.T. -0.22 min
 Lab File: BF091041.D
 Acq: 5 Nov 2016 00:46

Tgt Ion:154 Resp: 26193
 Ion Ratio Lower Upper
 154 100
 153 59.9 21.6 61.6
 76 22.0 0.0 36.2





#47

2-Nitroaniline

Concen: 6.31 ng

RT: 9.32 min Scan# 668

Delta R.T. 0.02 min

Lab File: BF091041.D

Acq: 5 Nov 2016 00:46

Instrument :

BNA_F

ClientSampleId :

GW-73-7.6-14.0RE

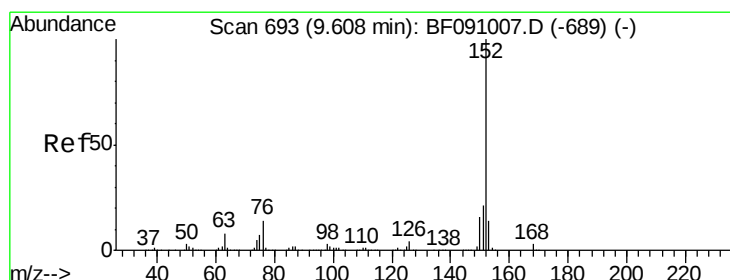
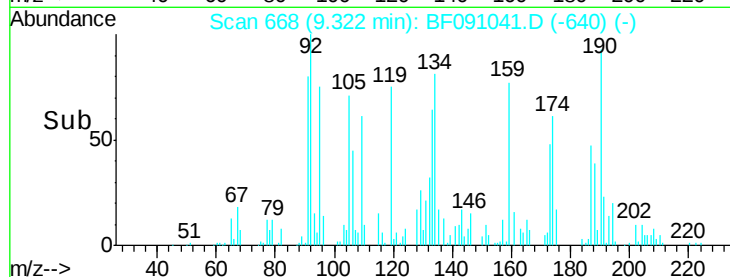
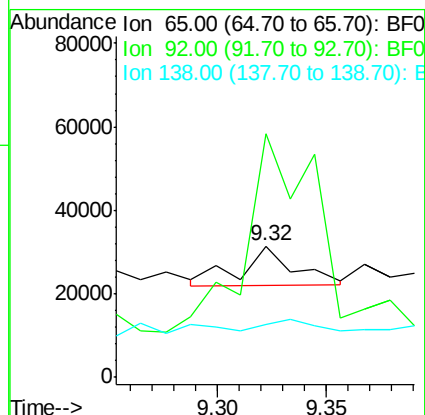
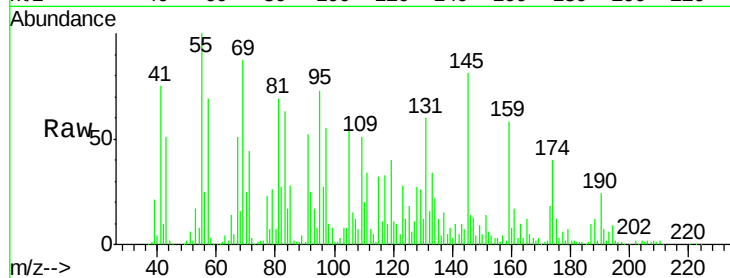
Tgt Ion: 65 Resp: 16646

Ion Ratio Lower Upper

65 100

92 185.0 53.9 80.9#

138 40.0 80.1 120.1#



#48

Acenaphthylene

Concen: 3.33 ng

RT: 9.63 min Scan# 695

Delta R.T. 0.02 min

Lab File: BF091041.D

Acq: 5 Nov 2016 00:46

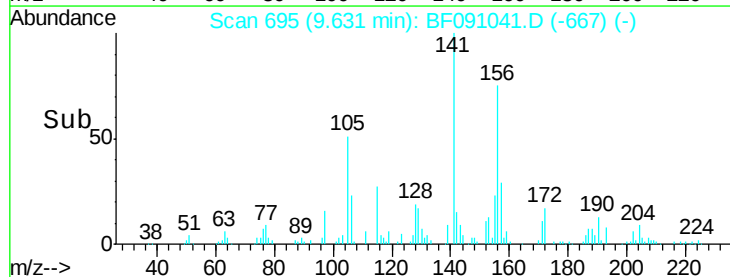
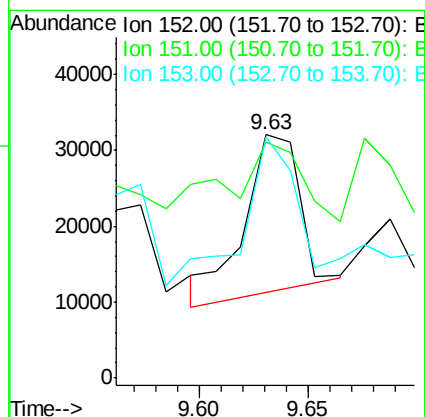
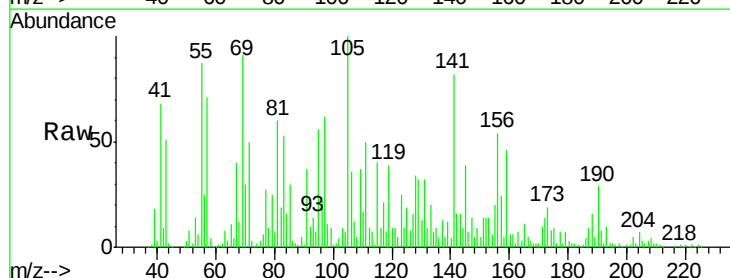
Tgt Ion: 152 Resp: 36933

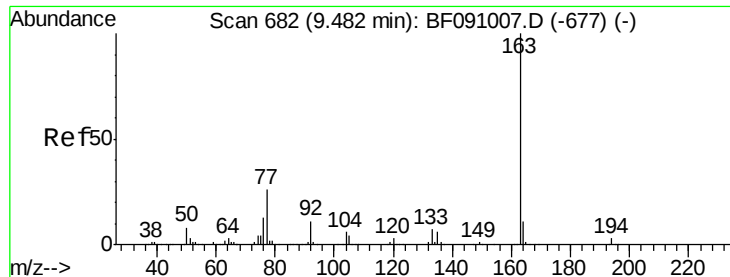
Ion Ratio Lower Upper

152 100

151 96.9 16.7 25.1#

153 99.0 11.1 16.7#





#49

Dimethylphthalate

Concen: 5.95 ng

RT: 9.46 min Scan# 680

Delta R.T. -0.02 min

Lab File: BF091041.D

Acq: 5 Nov 2016 00:46

Instrument :

BNA_F

ClientSampleId :

GW-73-7.6-14.0RE

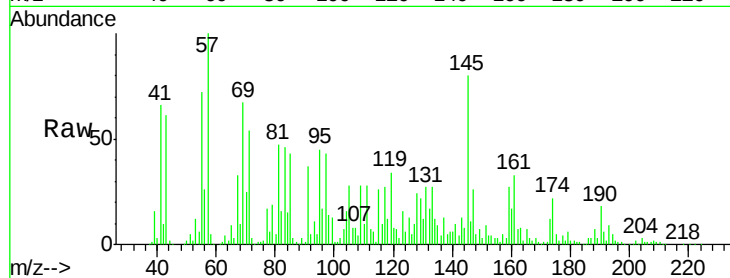
Tgt Ion:163 Resp: 49998

Ion Ratio Lower Upper

163 100

194 65.5 2.6 4.0#

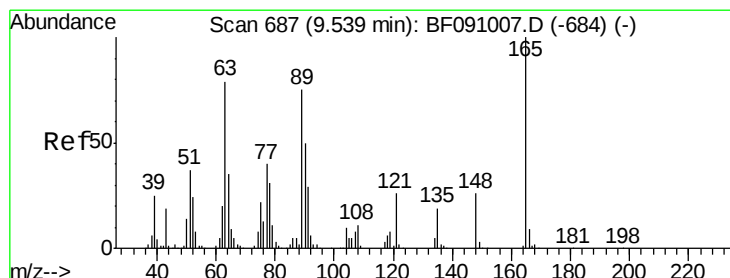
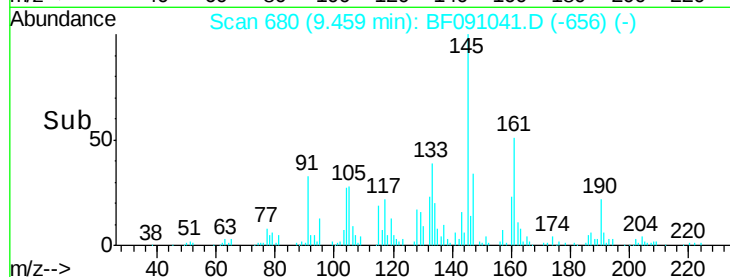
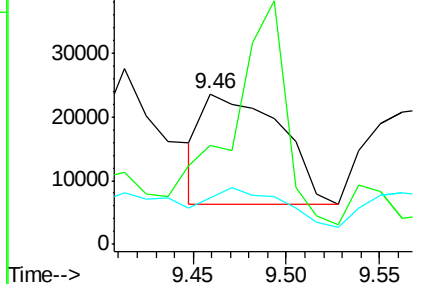
164 31.2 8.7 13.1#



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 30.59 ng

RT: 9.55 min Scan# 688

Delta R.T. 0.01 min

Lab File: BF091041.D

Acq: 5 Nov 2016 00:46

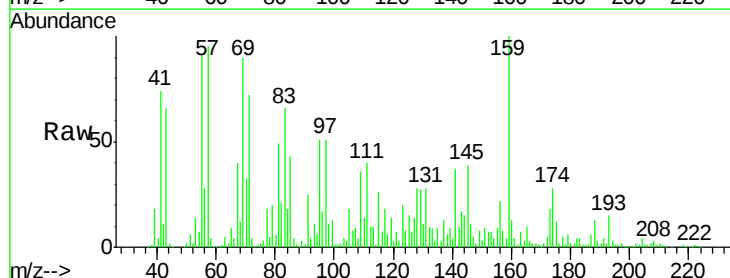
Tgt Ion:165 Resp: 55119

Ion Ratio Lower Upper

165 100

63 45.8 65.6 98.4#

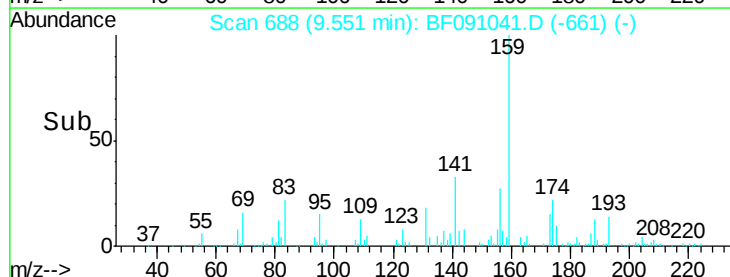
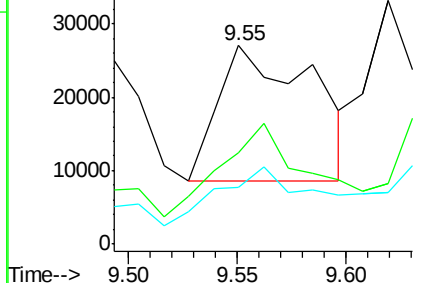
89 28.6 59.8 89.6#

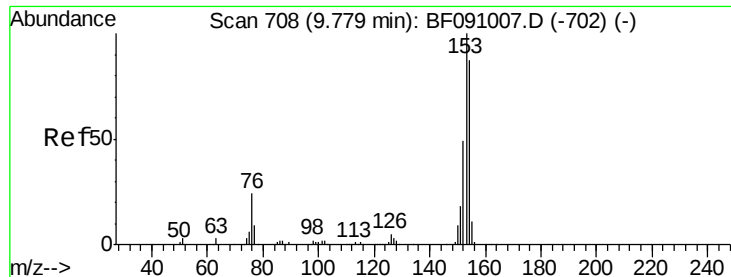


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 5.99 ng

RT: 9.80 min Scan# 710

Delta R.T. 0.02 min

Lab File: BF091041.D

Acq: 5 Nov 2016 00:46

Instrument :

BNA_F

ClientSampleId :

GW-73-7.6-14.0RE

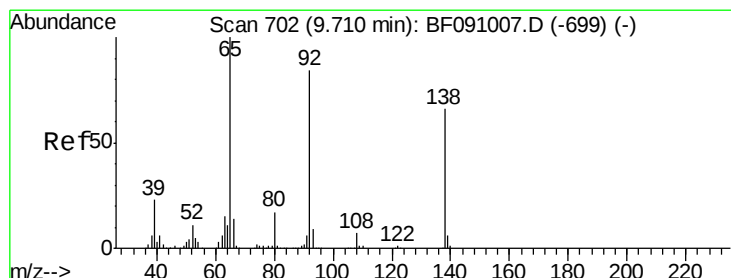
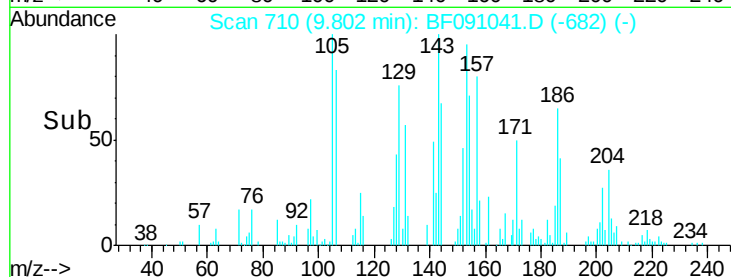
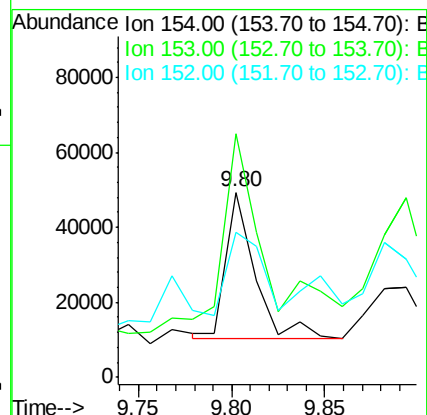
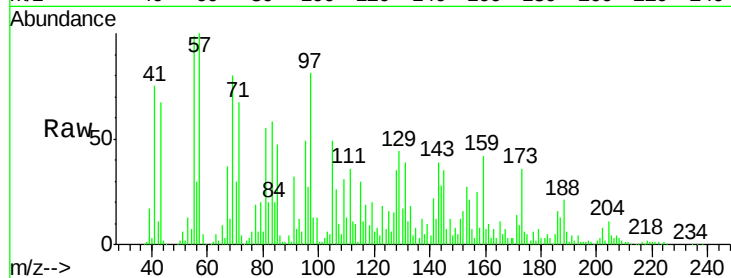
Tgt Ion:154 Resp: 41634

Ion Ratio Lower Upper

154 100

153 131.8 91.6 137.4

152 78.4 44.6 67.0#



#52

3-Nitroaniline

Concen: 9.61 ng

RT: 9.73 min Scan# 704

Delta R.T. 0.02 min

Lab File: BF091041.D

Acq: 5 Nov 2016 00:46

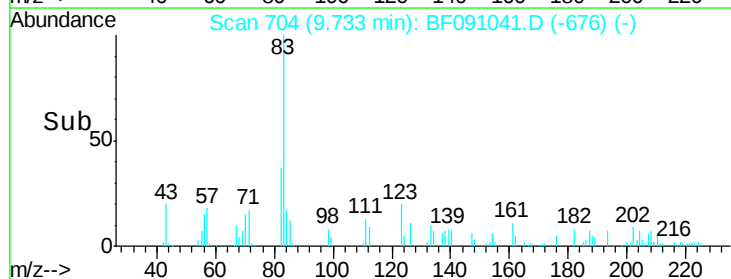
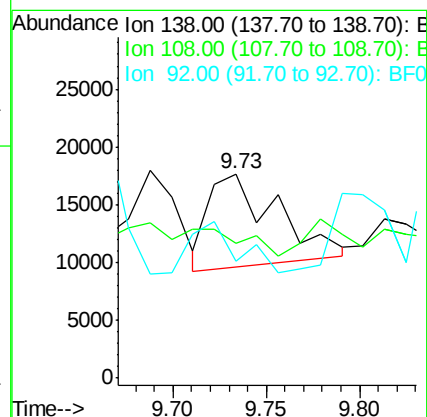
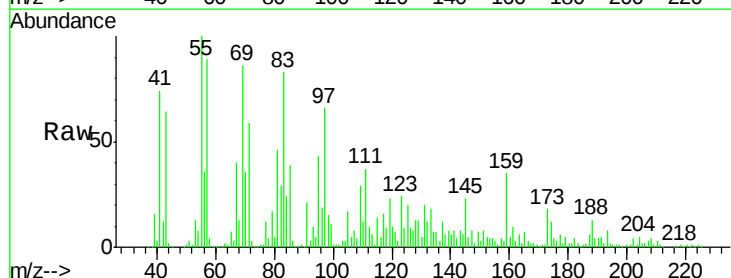
Tgt Ion:138 Resp: 20536

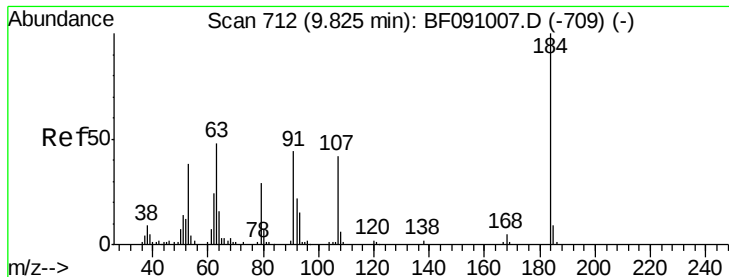
Ion Ratio Lower Upper

138 100

108 66.0 8.4 12.6#

92 57.4 101.1 151.7#

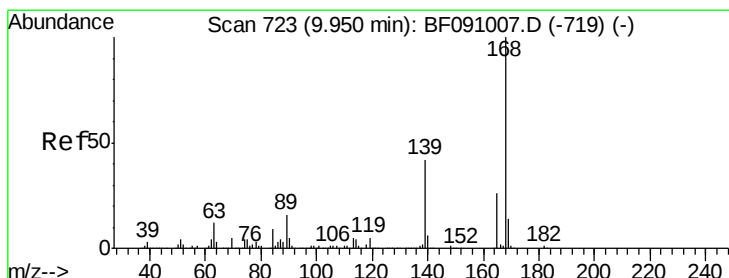
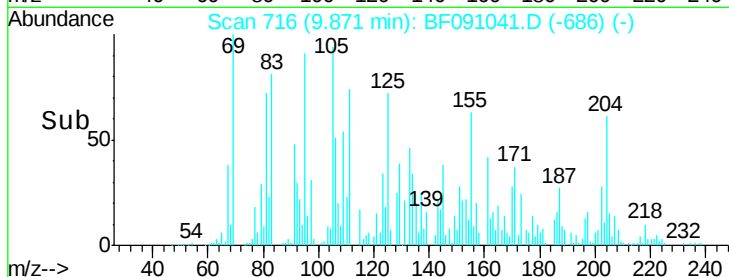
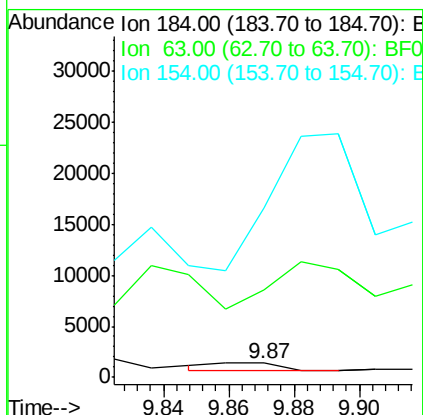
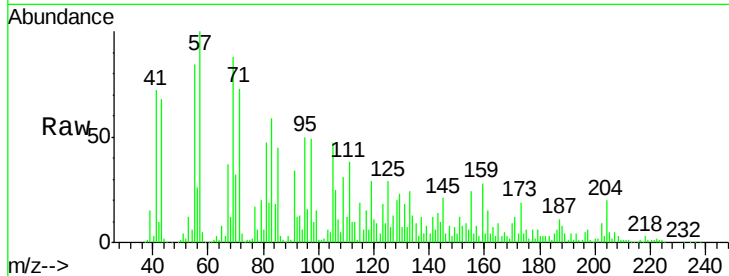




#53
2,4-Dinitrophenol
Concen: 7.12 ng
RT: 9.87 min Scan# 716
Delta R.T. 0.05 min
Lab File: BF091041.D
Acq: 5 Nov 2016 00:46

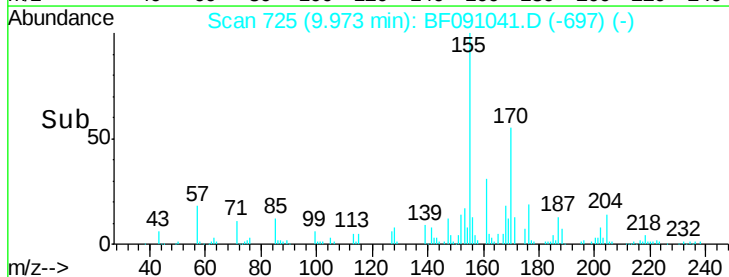
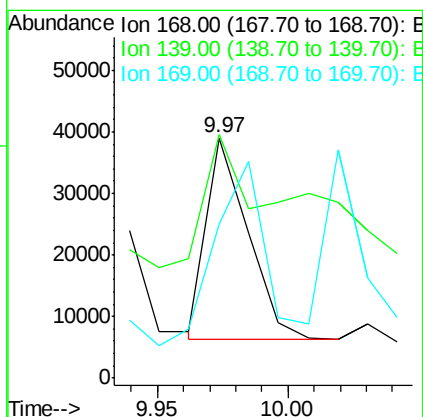
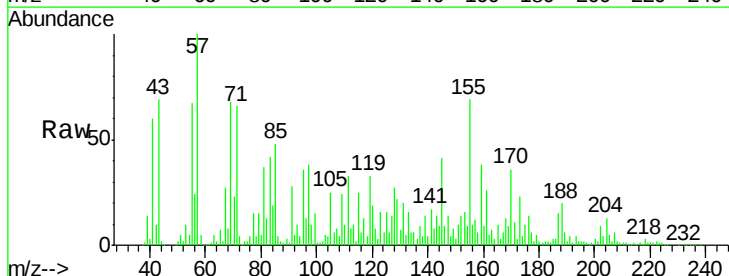
Instrument :
BNA_F
ClientSampleId :
GW-73-7.6-14.0RE

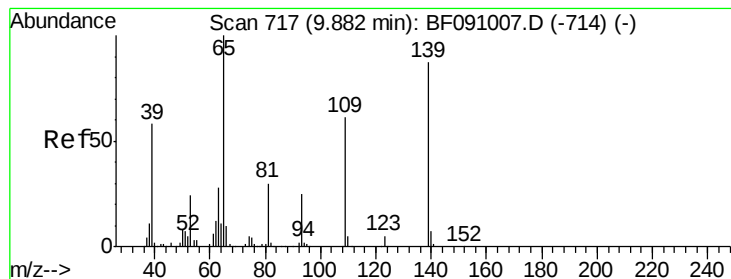
Tgt Ion:184 Resp: 920
Ion Ratio Lower Upper
184 100
63 608.6 45.5 68.3#
154 1177.4 51.0 76.4#



#54
Dibenzofuran
Concen: 3.90 ng
RT: 9.97 min Scan# 725
Delta R.T. 0.02 min
Lab File: BF091041.D
Acq: 5 Nov 2016 00:46

Tgt Ion:168 Resp: 36508
Ion Ratio Lower Upper
168 100
139 101.4 34.8 52.2#
169 64.2 11.4 17.2#





#55

4-Nitrophenol

Concen: 27.84 ng

RT: 9.88 min Scan# 717

Delta R.T. 0.00 min

Lab File: BF091041.D

Acq: 5 Nov 2016 00:46

Instrument :

BNA_F

ClientSampleId :

GW-73-7.6-14.0RE

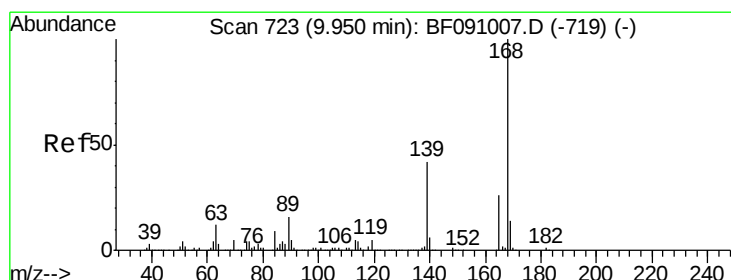
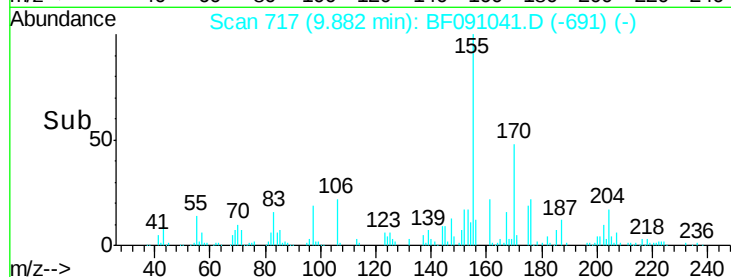
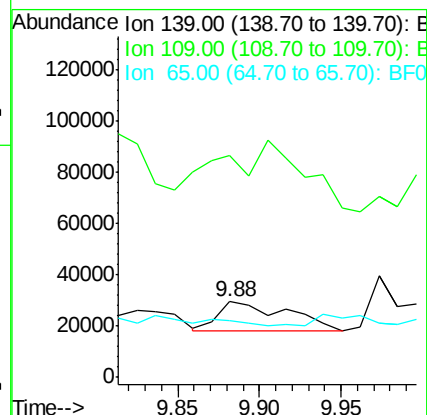
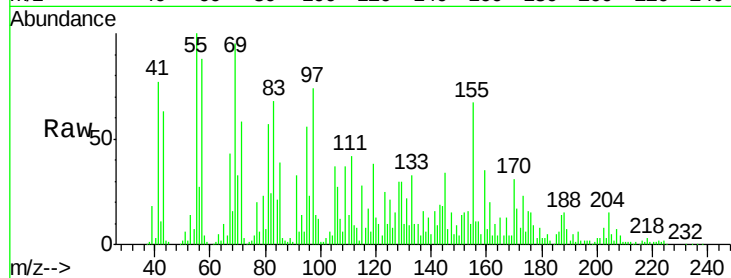
Tgt Ion:139 Resp: 33882

Ion Ratio Lower Upper

139 100

109 293.7 50.5 90.5#

65 75.5 97.1 137.1#



#56

2,4-Dinitrotoluene

Concen: 20.91 ng

RT: 10.01 min Scan# 728

Delta R.T. 0.06 min

Lab File: BF091041.D

Acq: 5 Nov 2016 00:46

Tgt Ion:165 Resp: 47944

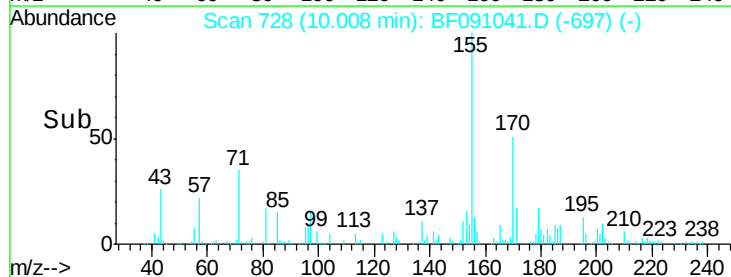
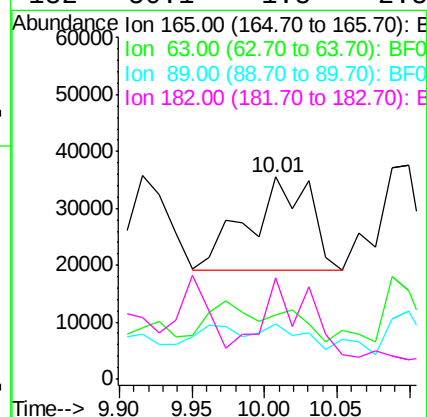
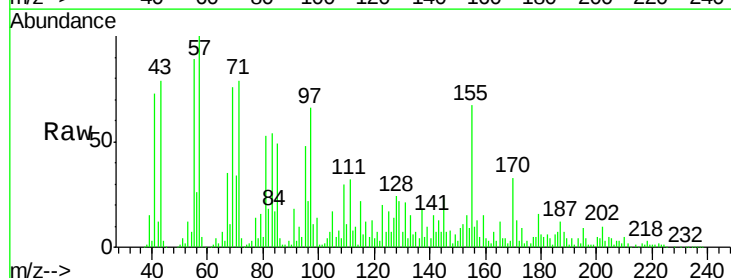
Ion Ratio Lower Upper

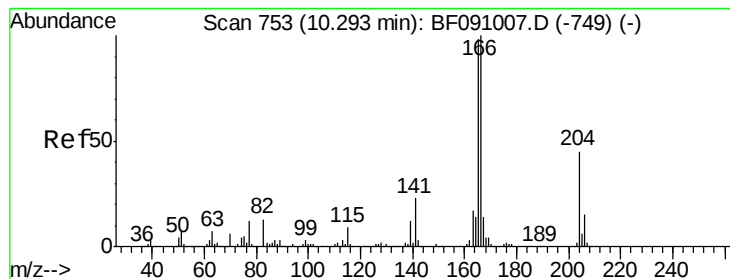
165 100

63 31.9 38.7 58.1#

89 27.4 50.6 76.0#

182 50.1 1.8 2.8#





#57

Fluorene

Concen: 14.18 ng

RT: 10.32 min Scan# 755

Delta R.T. 0.02 min

Lab File: BF091041.D

Acq: 5 Nov 2016 00:46

Instrument :

BNA_F

ClientSampleId :

GW-73-7.6-14.0RE

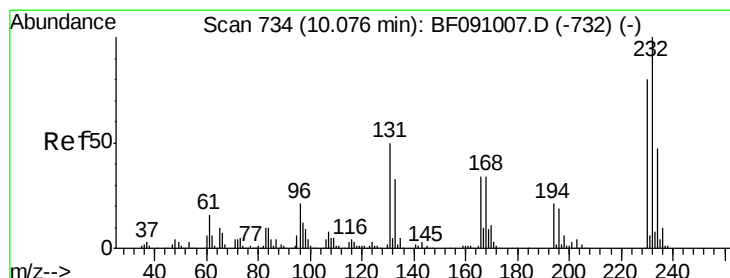
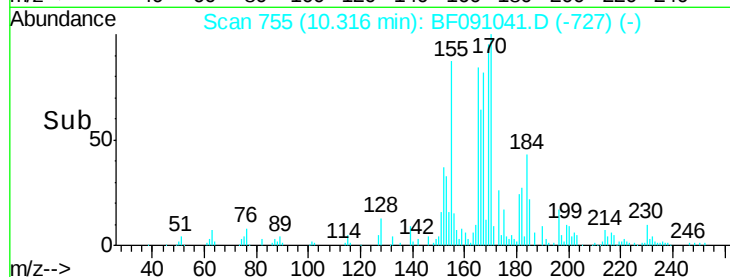
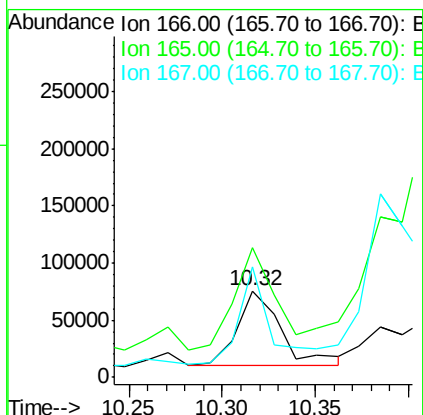
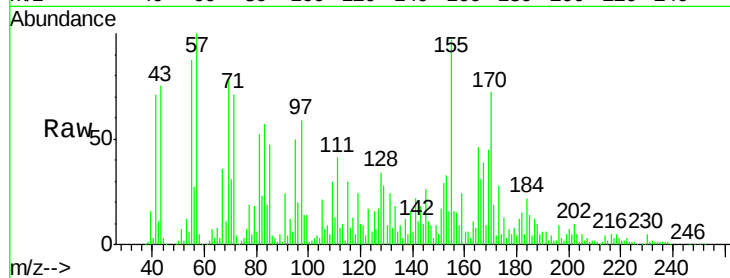
Tgt Ion:166 Resp: 108490

Ion Ratio Lower Upper

166 100

165 149.9 78.6 118.0#

167 127.0 11.1 16.7#



#58

2,3,4,6-Tetrachlorophenol

Concen: 3.79 ng

RT: 10.13 min Scan# 739

Delta R.T. 0.06 min

Lab File: BF091041.D

Acq: 5 Nov 2016 00:46

Tgt Ion:232 Resp: 6587

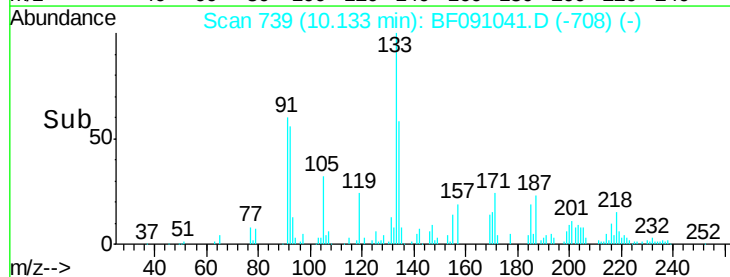
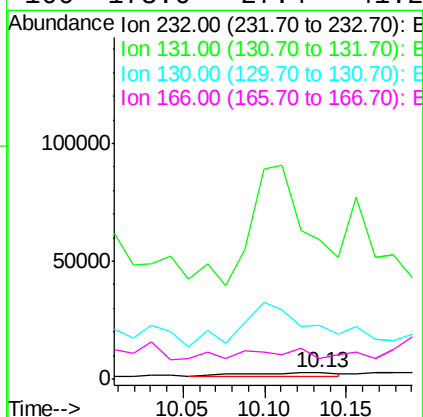
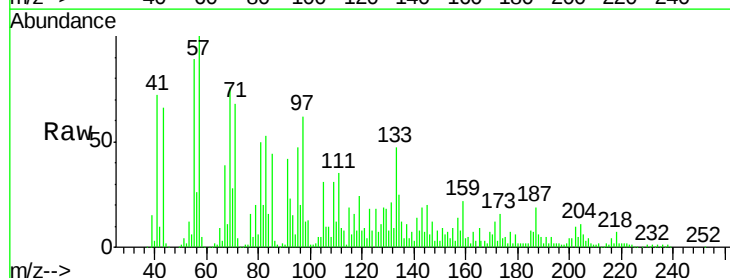
Ion Ratio Lower Upper

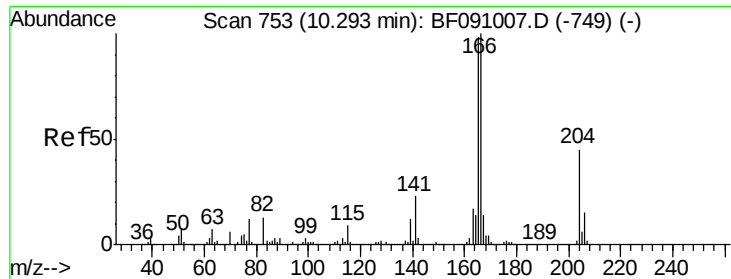
232 100

131 0.0 43.6 65.4#

130 0.0 2.0 3.0#

166 173.6 27.4 41.2#

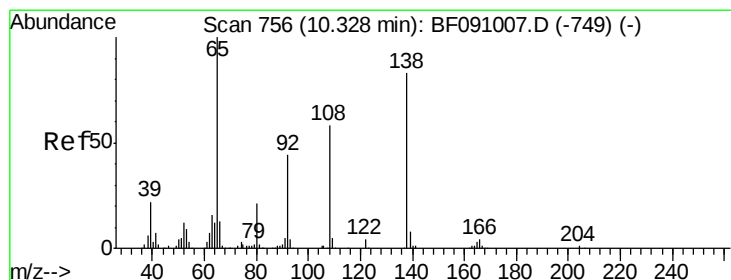
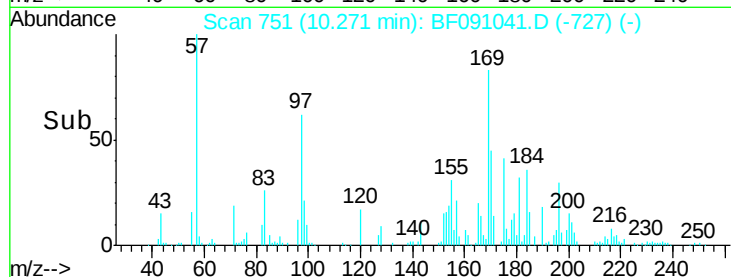
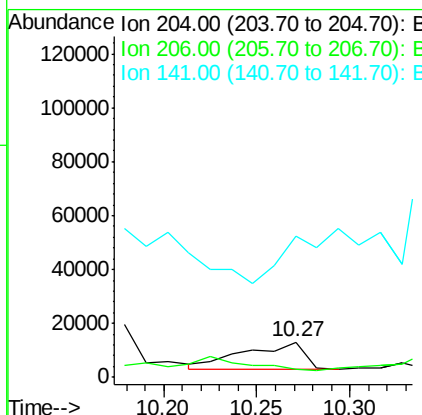
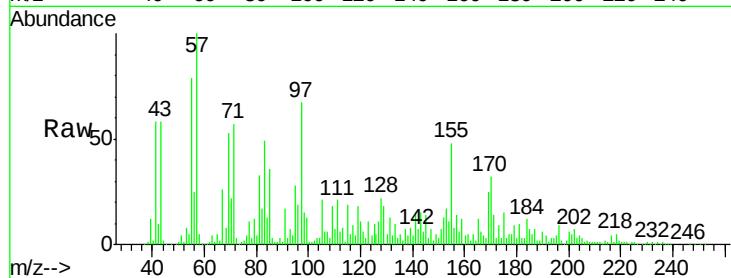




#60
4-Chlorophenyl-phenylether
Concen: 6.60 ng
RT: 10.27 min Scan# 751
Delta R.T. -0.02 min
Lab File: BF091041.D
Acq: 5 Nov 2016 00:46

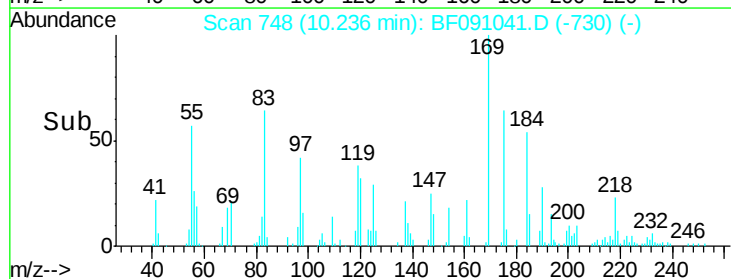
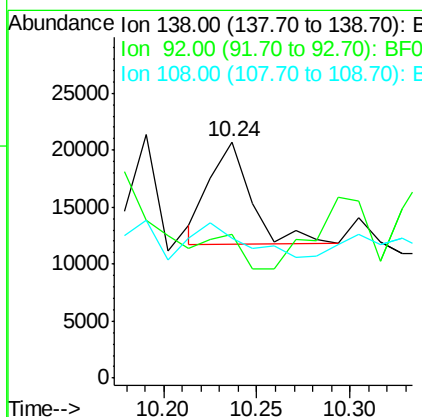
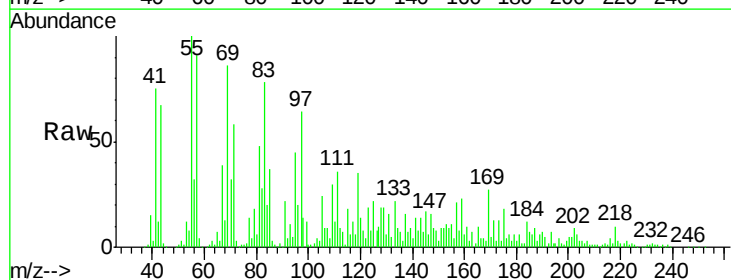
Instrument :
BNA_F
ClientSampleId :
GW-73-7.6-14.0RE

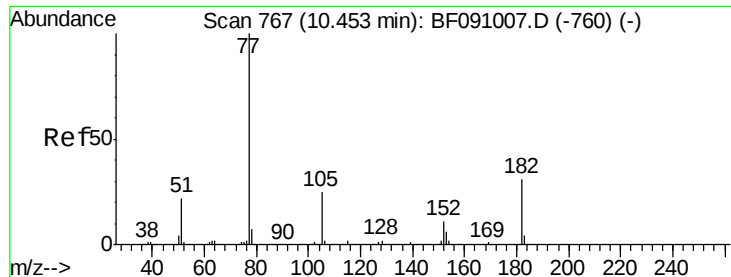
Tgt Ion: 204 Resp: 22988
Ion Ratio Lower Upper
204 100
206 23.8 27.1 40.7#
141 401.1 40.1 60.1#



#61
4-Nitroaniline
Concen: 6.44 ng
RT: 10.24 min Scan# 748
Delta R.T. -0.09 min
Lab File: BF091041.D
Acq: 5 Nov 2016 00:46

Tgt Ion: 138 Resp: 13911
Ion Ratio Lower Upper
138 100
92 60.9 32.5 72.5
108 59.4 49.4 89.4





#62

Azobenzene

Concen: 6.98 ng

RT: 10.50 min Scan# 771

Delta R.T. 0.05 min

Lab File: BF091041.D

Acq: 5 Nov 2016 00:46

Instrument :

BNA_F

ClientSampleId :

GW-73-7.6-14.0RE

Tgt Ion: 77 Resp: 70811

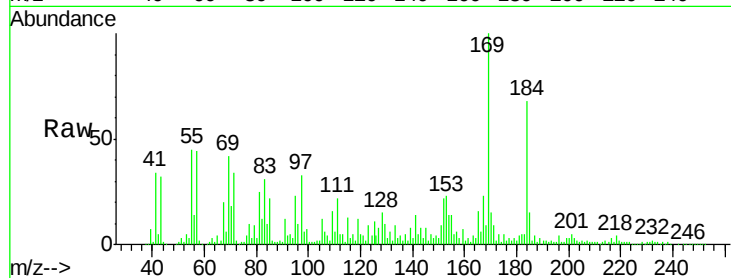
Ion Ratio Lower Upper

77 100

182 54.5 11.0 51.0#

105 123.4 5.6 45.6#

51 25.8 2.7 42.7

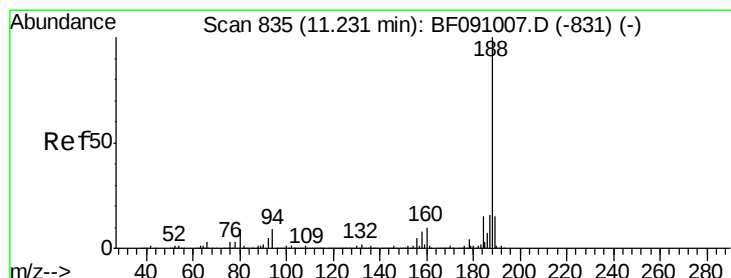
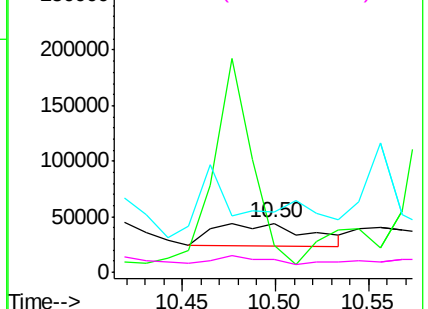
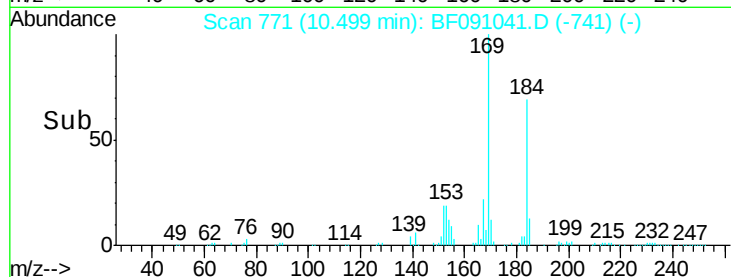


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.25 min Scan# 837

Delta R.T. 0.02 min

Lab File: BF091041.D

Acq: 5 Nov 2016 00:46

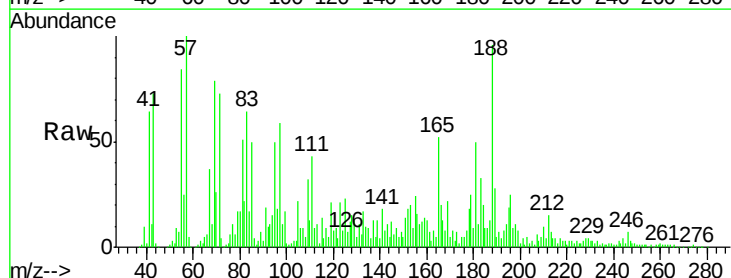
Tgt Ion: 188 Resp: 284335

Ion Ratio Lower Upper

188 100

94 15.8 7.0 10.4#

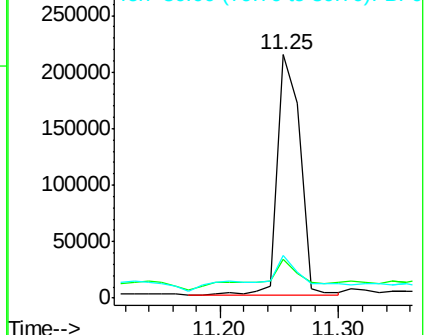
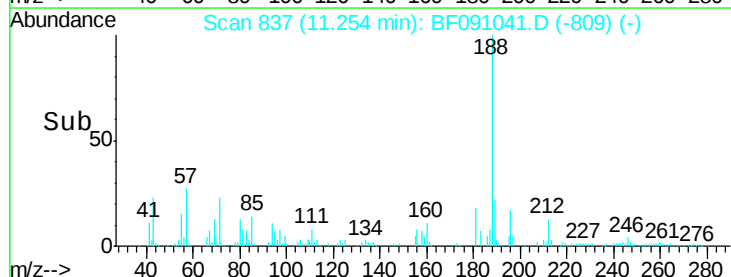
80 17.7 7.5 11.3#

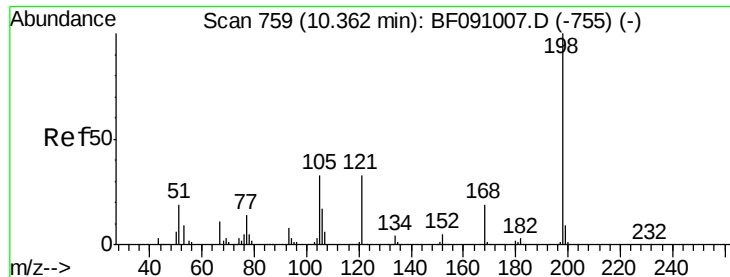


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#64

4,6-Dinitro-2-methylphenol

Concen: 2.10 ng

RT: 10.40 min Scan# 762

Delta R.T. 0.04 min

Lab File: BF091041.D

Acq: 5 Nov 2016 00:46

Instrument :

BNA_F

ClientSampleId :

GW-73-7.6-14.0RE

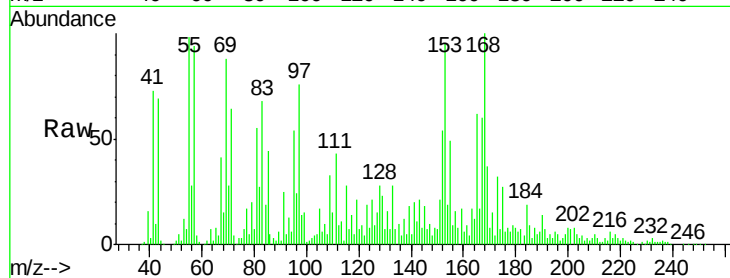
Tgt Ion:198 Resp: 3655

Ion Ratio Lower Upper

198 100

51 216.2 5.9 45.9#

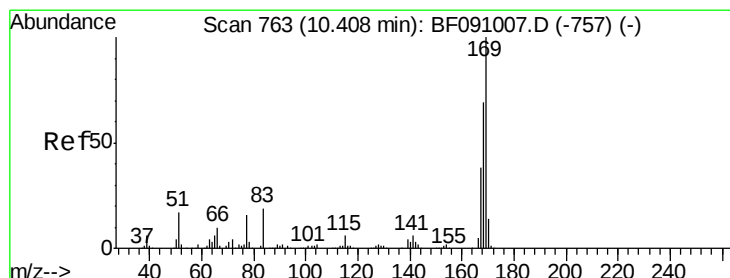
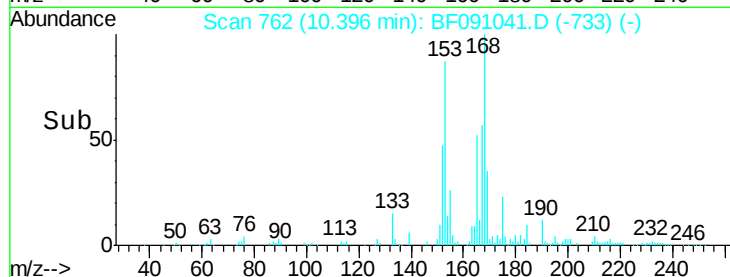
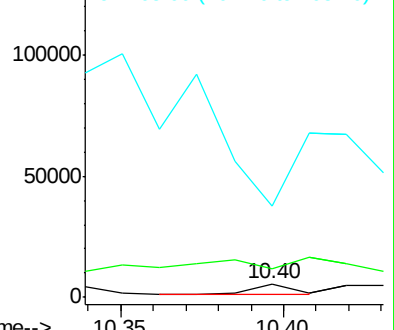
105 681.7 13.8 53.8#



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: 71.06 ng

RT: 10.42 min Scan# 764

Delta R.T. 0.01 min

Lab File: BF091041.D

Acq: 5 Nov 2016 00:46

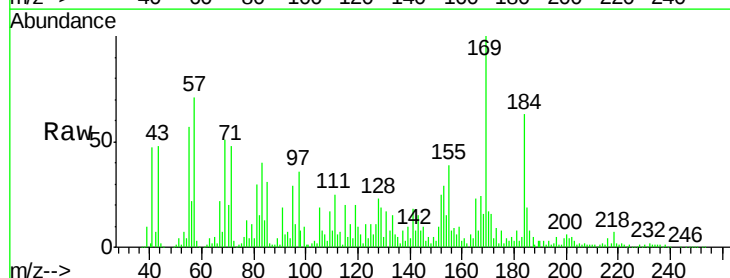
Tgt Ion:169 Resp: 642190

Ion Ratio Lower Upper

169 100

168 16.0 55.3 82.9#

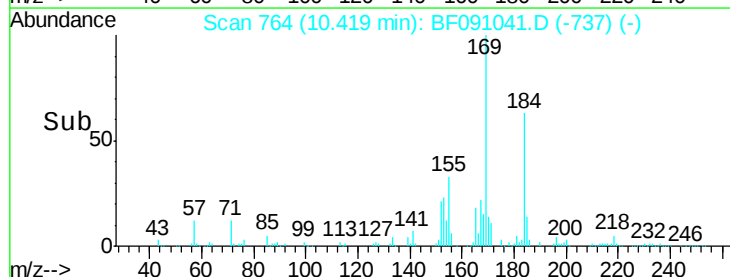
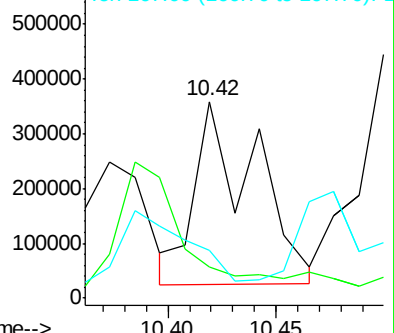
167 24.4 30.3 45.5#

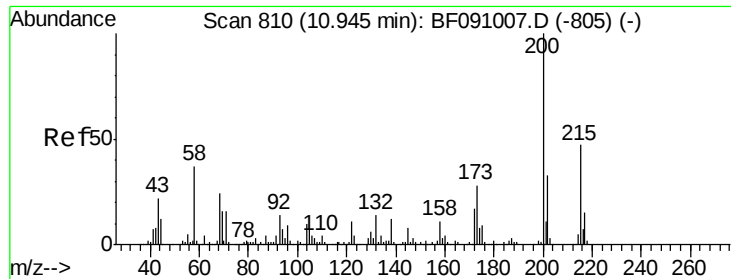


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#68

Atrazine

Concen: 19.26 ng

RT: 10.99 min Scan# 814

Delta R.T. 0.05 min

Lab File: BF091041.D

Acq: 5 Nov 2016 00:46

Instrument :

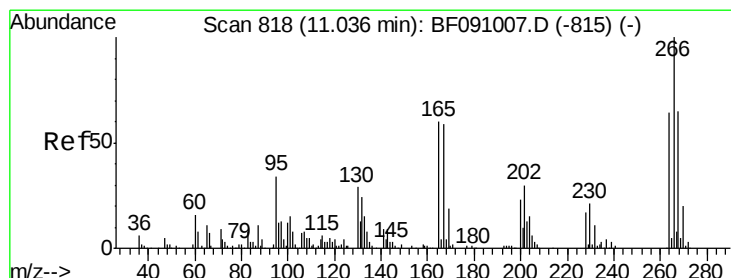
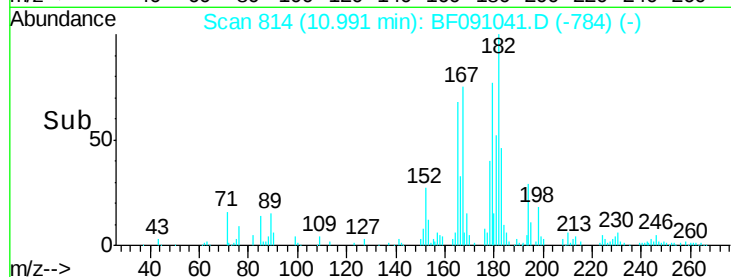
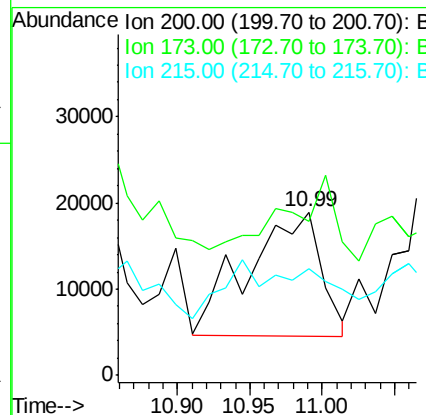
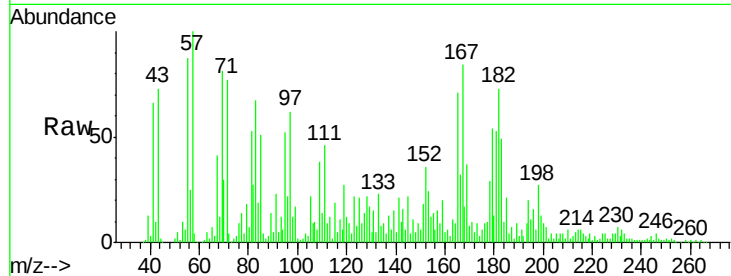
BNA_F

ClientSampleId :

GW-73-7.6-14.0RE

Tgt Ion:200 Resp: 50215

Ion	Ratio	Lower	Upper
200	100		
173	94.2	8.1	48.1#
215	65.5	27.3	67.3



#69

Pentachlorophenol

Concen: 3.01 ng

RT: 11.10 min Scan# 824

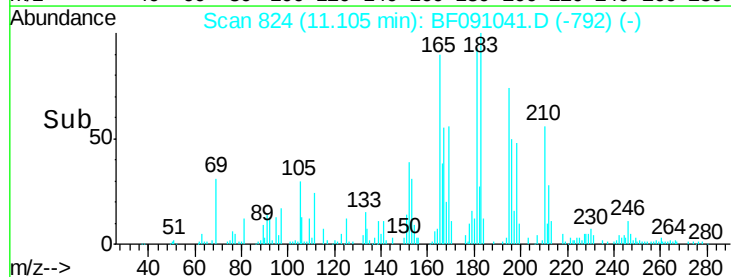
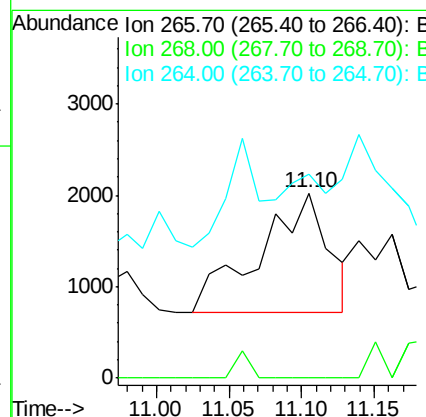
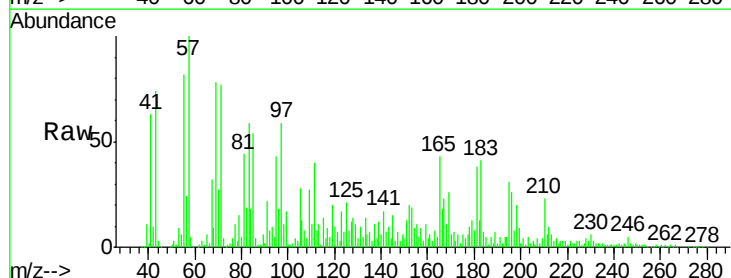
Delta R.T. 0.07 min

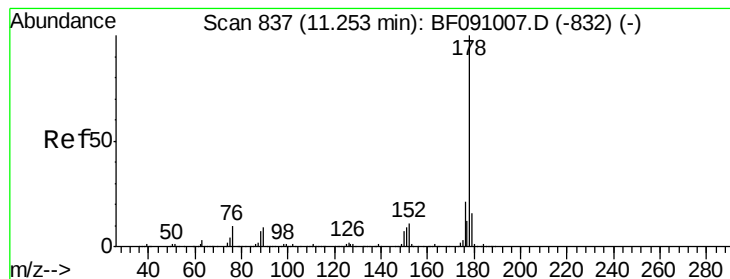
Lab File: BF091041.D

Acq: 5 Nov 2016 00:46

Tgt Ion:266 Resp: 4355

Ion	Ratio	Lower	Upper
266	100		
268	0.0	52.1	78.1#
264	110.6	51.1	76.7#





#70

Phenanthrene

Concen: 18.57 ng

RT: 11.31 min Scan# 842

Delta R.T. 0.06 min

Lab File: BF091041.D

Acq: 5 Nov 2016 00:46

Instrument :

BNA_F

ClientSampleId :

GW-73-7.6-14.0RE

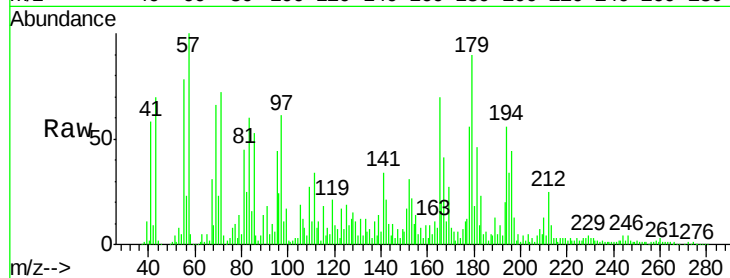
Tgt Ion:178 Resp: 280678

Ion Ratio Lower Upper

178 100

176 20.3 16.6 25.0

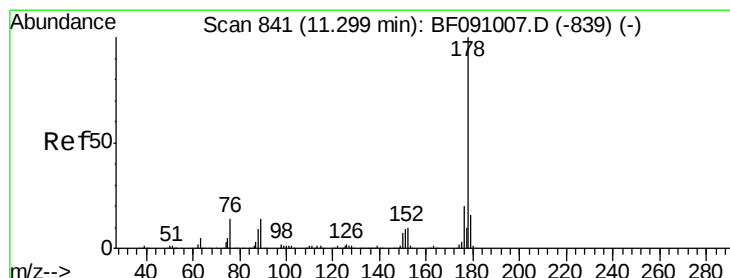
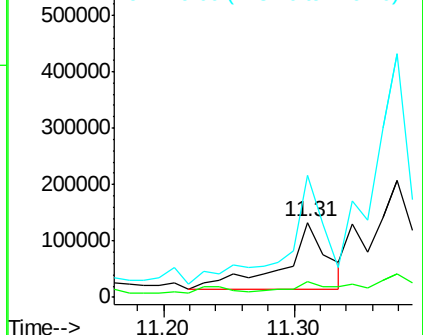
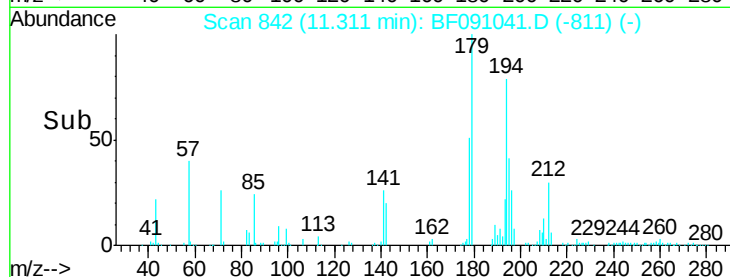
179 162.4 12.9 19.3#



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: 17.47 ng

RT: 11.31 min Scan# 842

Delta R.T. 0.01 min

Lab File: BF091041.D

Acq: 5 Nov 2016 00:46

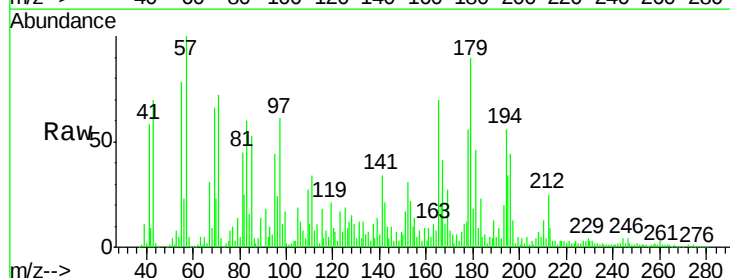
Tgt Ion:178 Resp: 280678

Ion Ratio Lower Upper

178 100

176 20.3 16.0 24.0

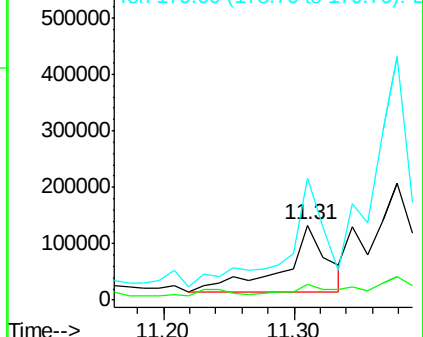
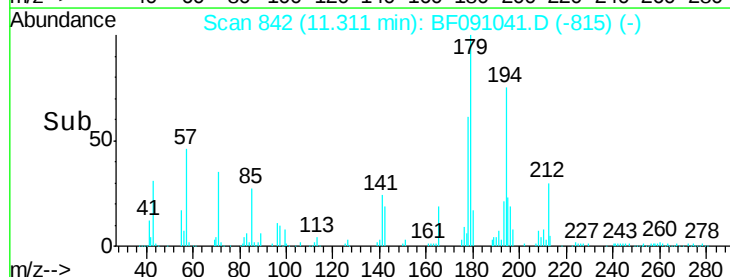
179 162.4 13.0 19.6#

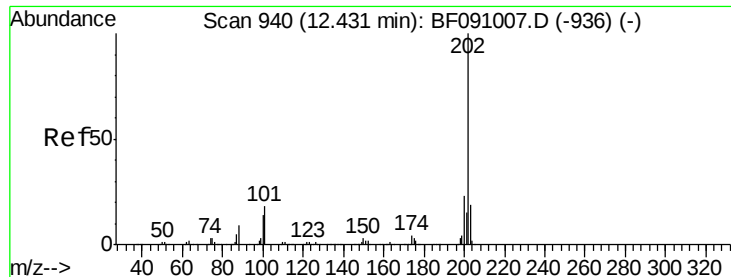


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#74

Fluoranthene

Concen: 3.11 ng

RT: 12.45 min Scan# 942

Delta R.T. 0.02 min

Lab File: BF091041.D

Acq: 5 Nov 2016 00:46

Instrument :

BNA_F

ClientSampleId :

GW-73-7.6-14.0RE

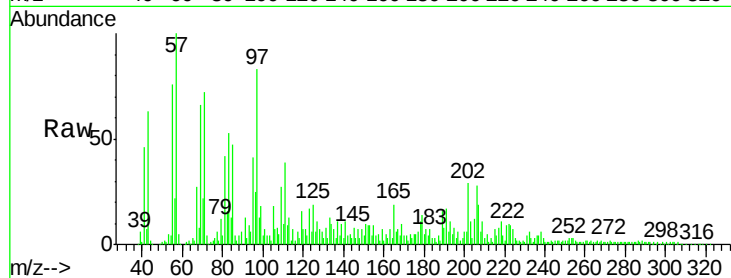
Tgt Ion:202 Resp: 48820

Ion Ratio Lower Upper

202 100

101 25.3 0.0 37.6

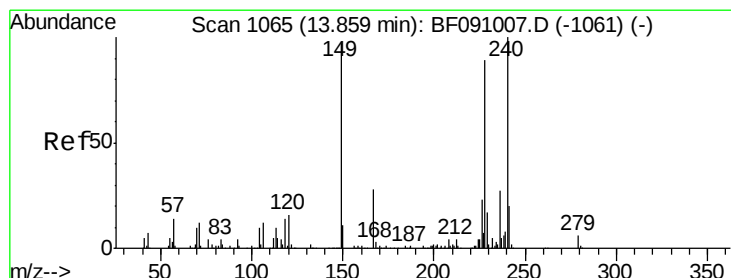
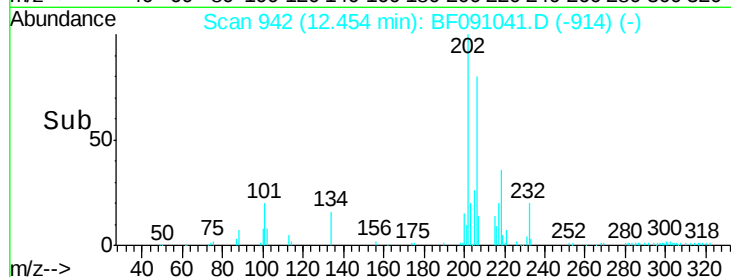
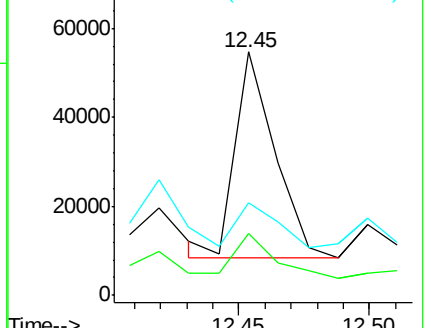
203 38.1 0.0 38.6



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: 13.86 min Scan# 1065

Delta R.T. 0.00 min

Lab File: BF091041.D

Acq: 5 Nov 2016 00:46

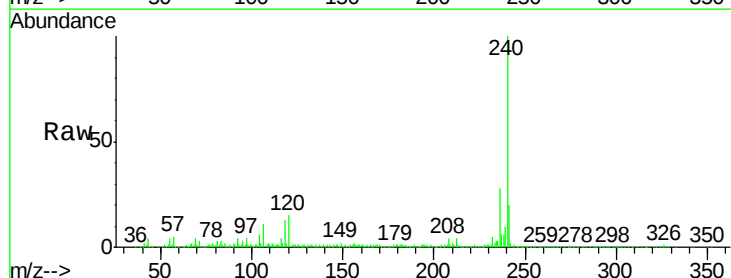
Tgt Ion:240 Resp: 346968

Ion Ratio Lower Upper

240 100

120 14.7 12.9 19.3

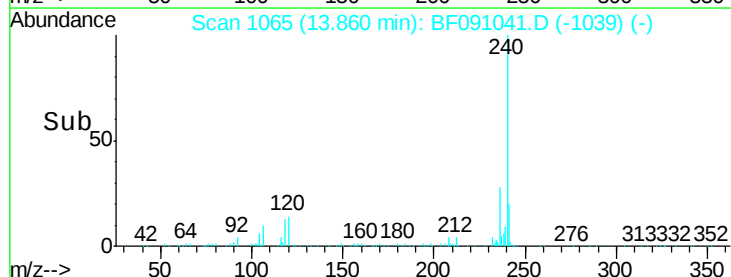
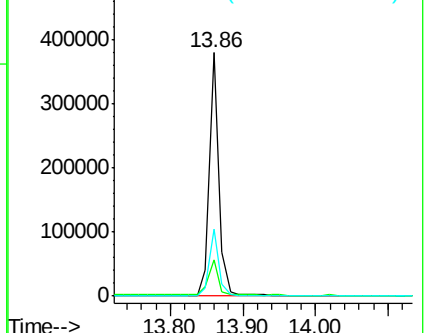
236 27.8 21.9 32.9

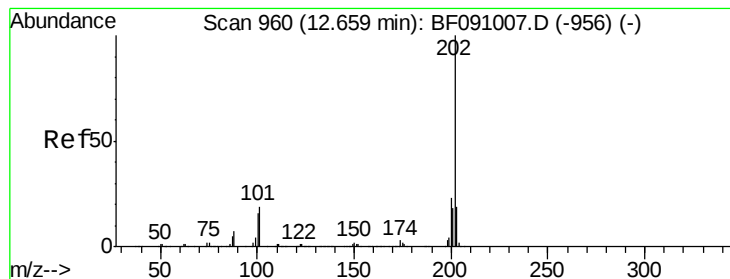


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pyrene

Concen: 10.92 ng

RT: 12.68 min Scan# 962

Delta R.T. 0.02 min

Lab File: BF091041.D

Acq: 5 Nov 2016 00:46

Instrument :

BNA_F

ClientSampleId :

GW-73-7.6-14.0RE

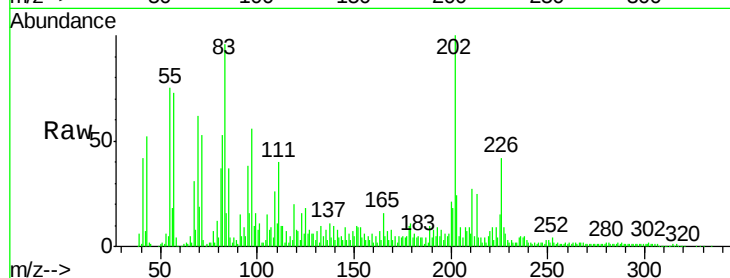
Tgt Ion:202 Resp: 248119

Ion Ratio Lower Upper

202 100

200 20.7 18.4 27.6

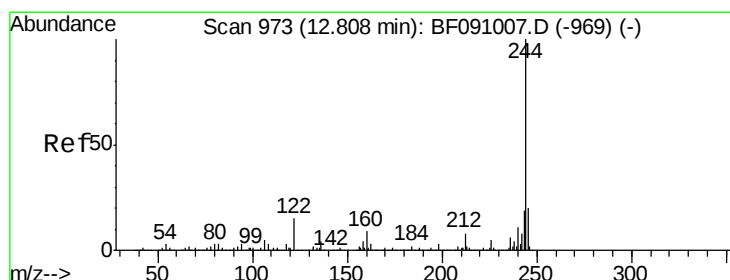
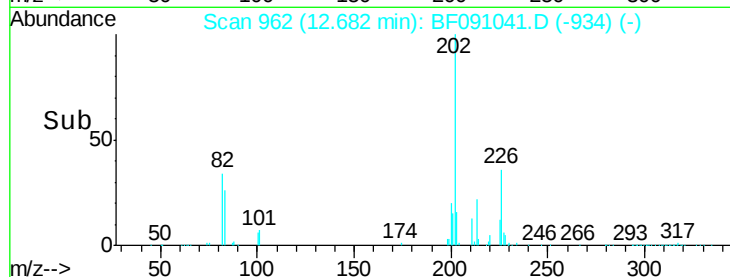
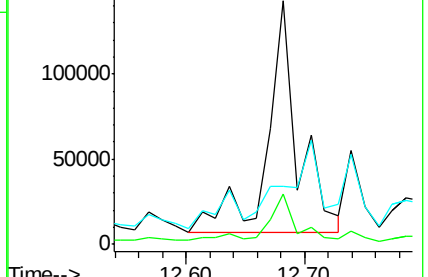
203 23.9 15.0 22.6#



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: 77.61 ng

RT: 12.82 min Scan# 974

Delta R.T. 0.01 min

Lab File: BF091041.D

Acq: 5 Nov 2016 00:46

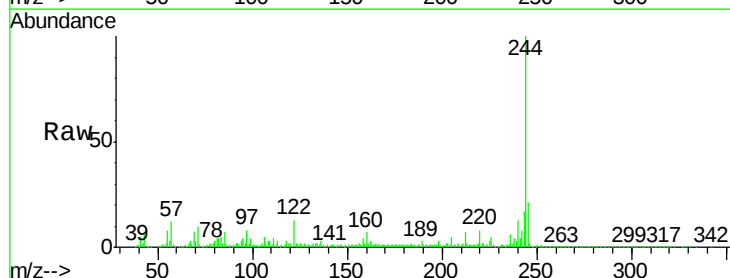
Tgt Ion:244 Resp: 1079057

Ion Ratio Lower Upper

244 100

212 6.9 6.4 9.6

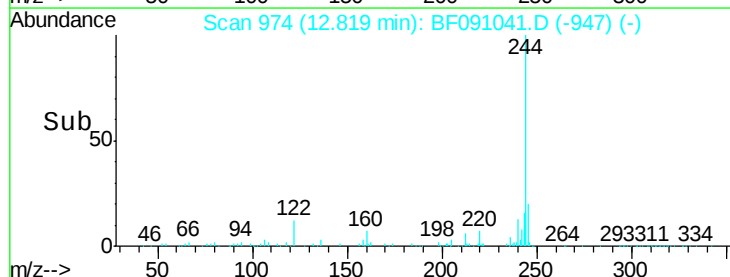
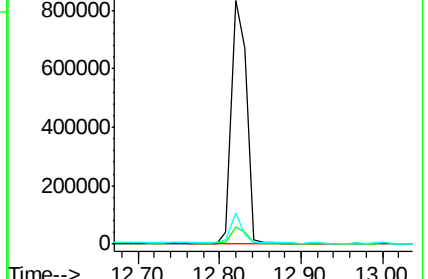
122 12.6 12.3 18.5

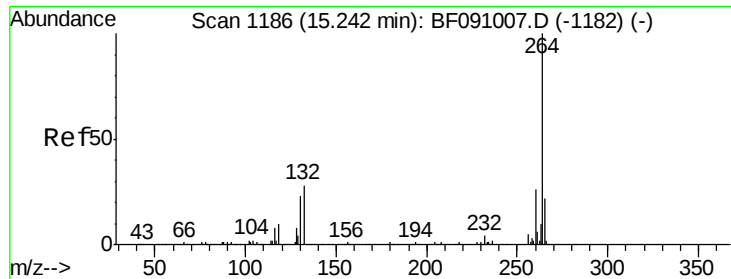


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.24 min Scan# 1186
Delta R.T. 0.00 min
Lab File: BF091041.D
Acq: 5 Nov 2016 00:46

Instrument :
BNA_F
ClientSampleId :
GW-73-7.6-14.0RE

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.8	20.6	30.8
265	21.6	17.8	26.8

