

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG021116\
 Data File : BG020876.D
 Acq On : 12 Feb 2016 3:56
 Operator : SJ/UM
 Sample : H1420-02
 Misc : LOQ 20PPM
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HW-47

Quant Time: Feb 12 04:52:39 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG021116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 11 15:26:53 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	18817	20.00	ng	0.00
21) Naphthalene-d8	11.09	136	98151	20.00	ng	0.00
38) Acenaphthene-d10	14.88	164	57455	20.00	ng	0.00
63) Phenanthrene-d10	17.62	188	114936	20.00	ng	0.00
75) Chrysene-d12	21.90	240	109779	20.00	ng	0.00
86) Perylene-d12	25.28	264	103766	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.80	112	65477	58.60	ng	0.00
7) Phenol-d6	7.40	99	59482	36.42	ng	0.00
23) Nitrobenzene-d5	9.43	82	127378	85.33	ng	0.00
41) 2,4,6-Tribromophenol	16.36	330	84188	149.00	ng	0.00
44) 2-Fluorobiphenyl	13.51	172	369407	90.32	ng	0.00
78) Terphenyl-d14	20.20	244	462721	98.33	ng	0.00

Target Compounds						Qvalue
9) Benzaldehyde	7.23	77	162	0.20	ng	# 29
10) Phenol	7.44	94	1080	0.62	ng	# 75
15) Benzyl Alcohol	8.59	79	1517	1.47	ng	# 36
18) Hexachloroethane	9.39	117	4398	8.55	ng	# 51
22) Acetophenone	8.96	105	2804	1.19	ng	# 57
24) Nitrobenzene	9.46	77	1148	0.74	ng	# 6
25) Isophorone	10.06	82	110	0.03	ng	# 63
31) Naphthalene	11.14	128	3571	0.70	ng	# 81
33) 4-Chloroaniline	11.20	127	122	0.06	ng	# 1
37) 2-Methylnaphthalene	12.73	142	2426	0.68	ng	# 92
45) 1,1'-Biphenyl	13.51	154	558	0.11	ng	# 1
48) Acenaphthylene	14.60	152	297	0.05	ng	# 27
49) Dimethylphthalate	14.32	163	23267	5.18	ng	# 99
50) 2,6-Dinitrotoluene	14.32	165	153	0.16	ng	# 37
51) Acenaphthene	14.94	154	2154	0.56	ng	# 96
54) Dibenzofuran	15.27	168	2149	0.42	ng	# 93
55) 4-Nitrophenol	15.27	139	800	0.95	ng	# 46
56) 2,4-Dinitrotoluene	14.95	165	115	0.09	ng	# 1
57) Fluorene	15.92	166	2216	0.48	ng	# 81
59) Diethylphthalate	15.67	149	866	0.19	ng	# 83
62) Azobenzene	16.22	77	667	0.18	ng	# 36
65) n-Nitrosodiphenylamine	16.36	169	3333	0.90	ng	# 40
70) Phenanthrene	17.66	178	626	0.10	ng	# 58
71) Anthracene	17.74	178	294	0.04	ng	# 59
73) Di-n-butylphthalate	18.55	149	483	0.06	ng	# 78
74) Fluoranthene	19.65	202	471	0.07	ng	# 61
77) Pyrene	20.01	202	405	0.06	ng	# 56
80) Benzo(a)anthracene	21.90	228	225	0.03	ng	# 50
82) Chrysene	21.90	228	225	0.04	ng	# 48
83) Bis(2-ethylhexyl)phthalate	21.76	149	832	0.16	ng	# 54
84) Di-n-octyl phthalate	23.05	149	54	0.01	ng	# 1
89) Benzo(a)pyrene	25.28	252	59	0.01	ng	# 57

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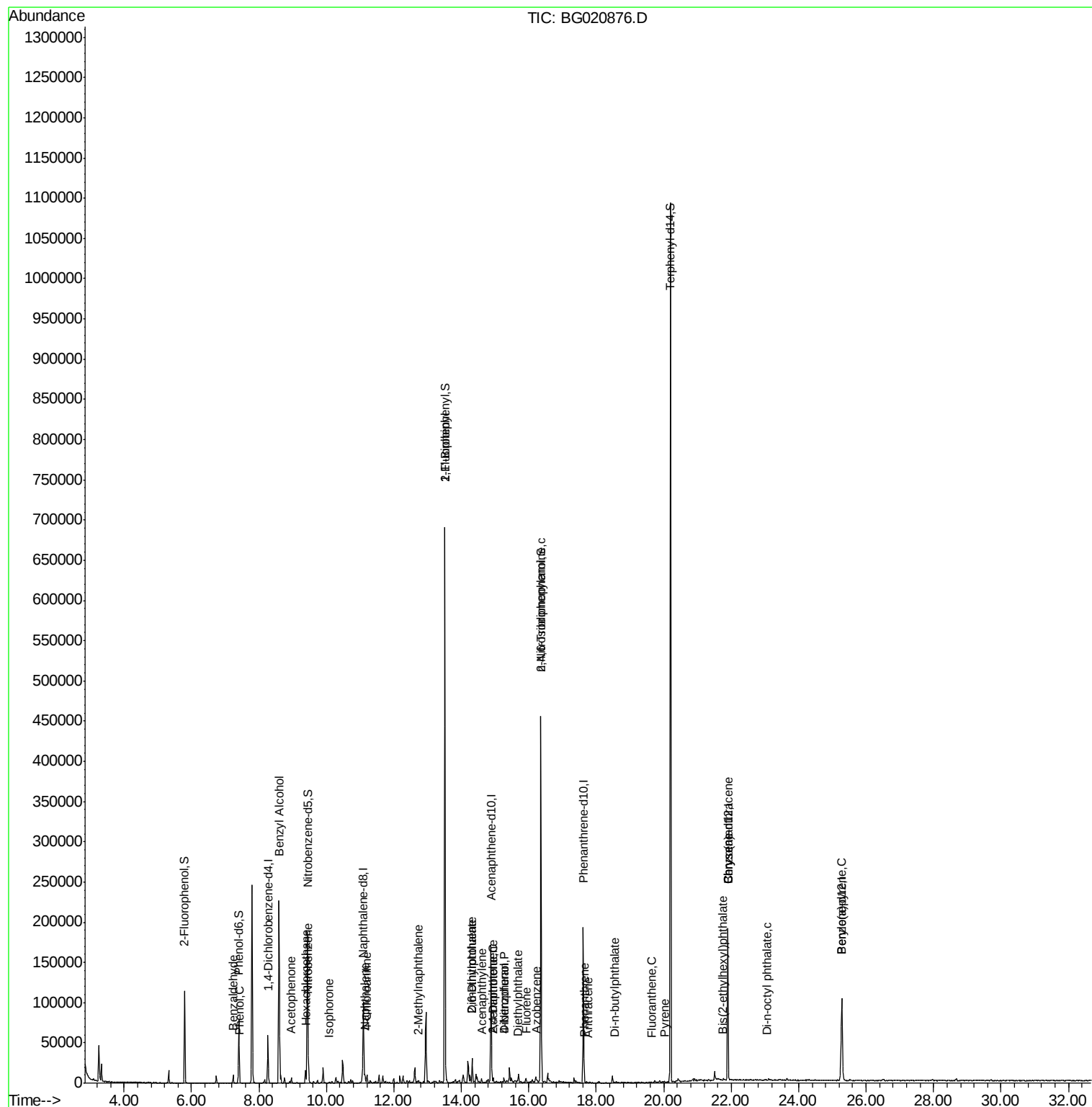
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

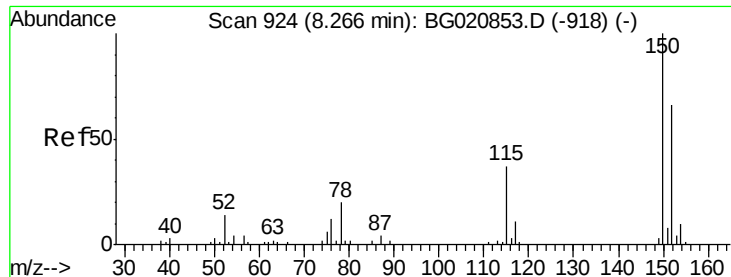
(#)=qualifier out of range (m)=manual integration (+)=signals summed						

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.27 min Scan# 924

Delta R.T. -0.00 min

Lab File: BG020876.D

Acq: 12 Feb 2016 3:56

Instrument :

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ClientSampleId :

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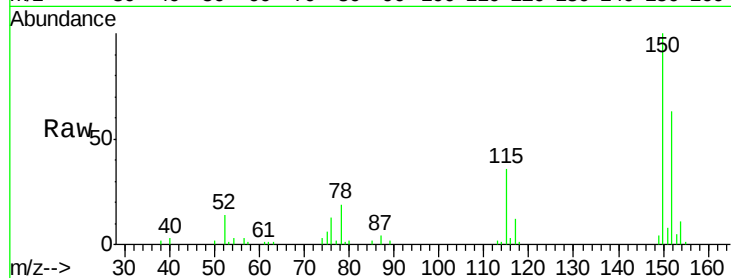
Tgt Ion:152 Resp: 18817

Ion Ratio Lower Upper

152 100

150 159.3 122.0 183.0

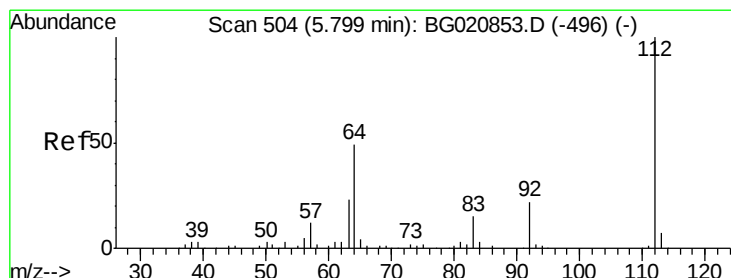
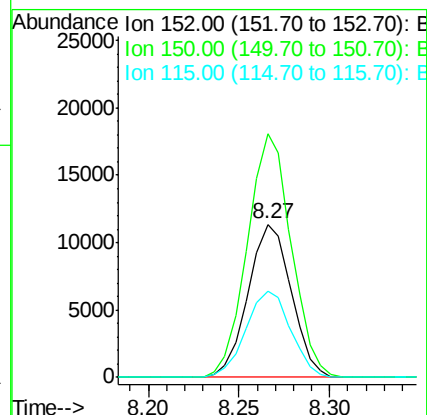
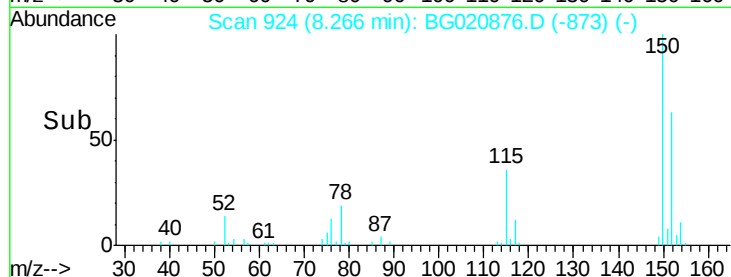
115 56.6 45.2 67.8



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: 58.60 ng

RT: 5.80 min Scan# 504

Delta R.T. -0.00 min

Lab File: BG020876.D

Acq: 12 Feb 2016 3:56

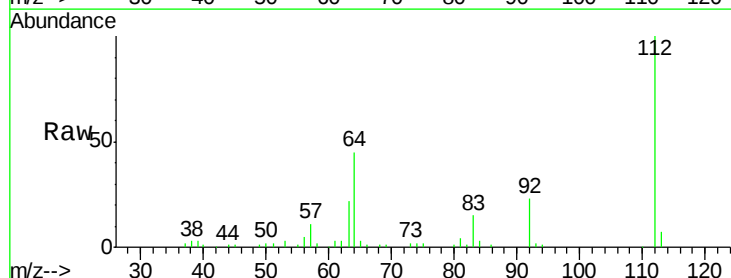
Tgt Ion:112 Resp: 65477

Ion Ratio Lower Upper

112 100

64 45.0 39.3 58.9

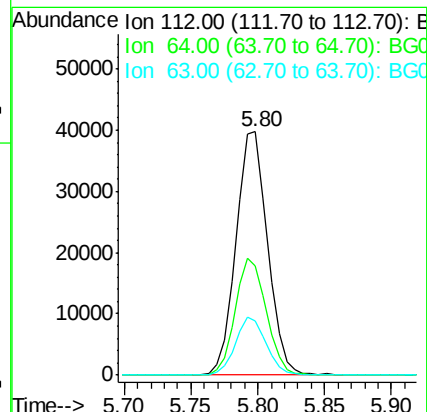
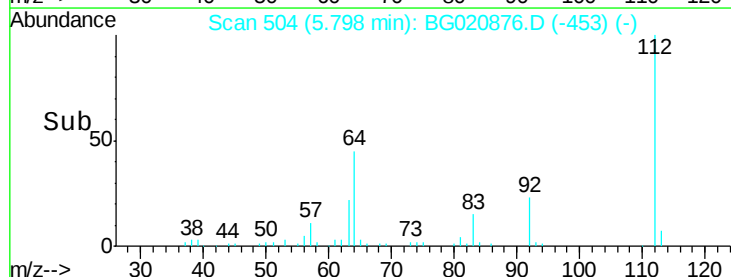
63 22.4 18.2 27.4

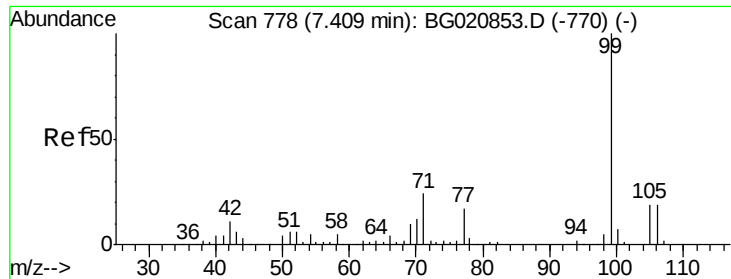


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 36.42 ng

RT: 7.40 min Scan# 777

Delta R.T. -0.01 min

Lab File: BG020876.D

Acq: 12 Feb 2016 3:56

Instrument :

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ClientSampleId :

HW-47

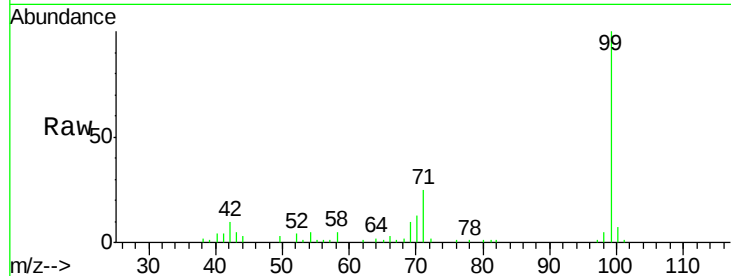
Tgt Ion: 99 Resp: 59482

Ion Ratio Lower Upper

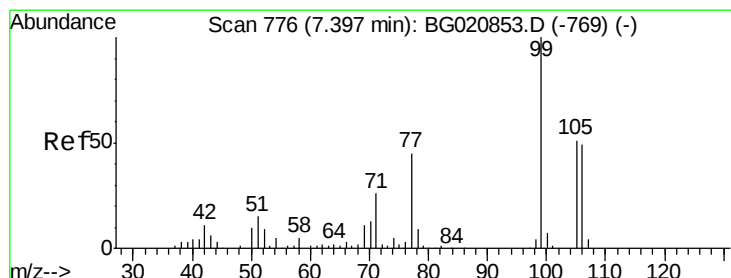
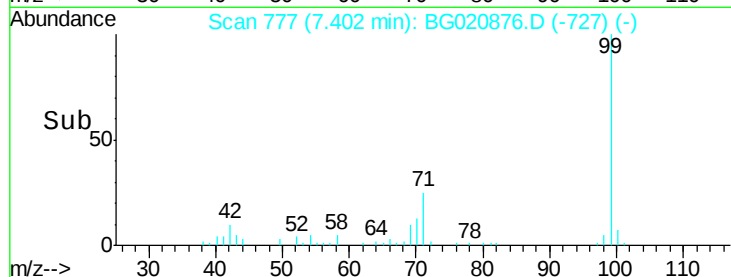
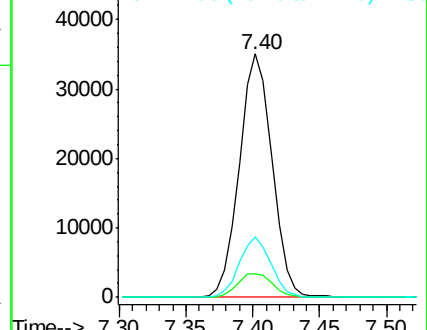
99 100

42 9.8 8.4 12.6

71 24.8 19.4 29.0



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#9

Benzaldehyde

Concen: 0.20 ng

RT: 7.23 min Scan# 747

Delta R.T. -0.17 min

Lab File: BG020876.D

Acq: 12 Feb 2016 3:56

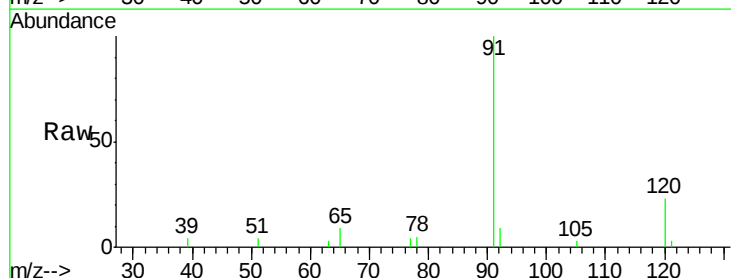
Tgt Ion: 77 Resp: 162

Ion Ratio Lower Upper

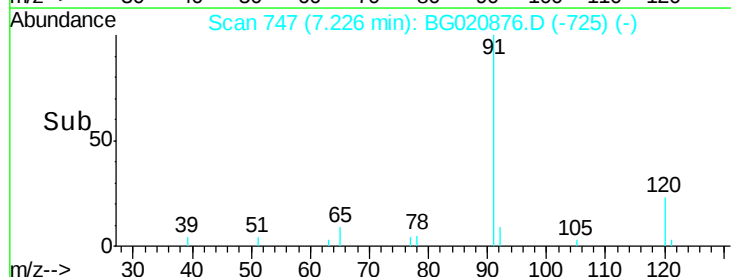
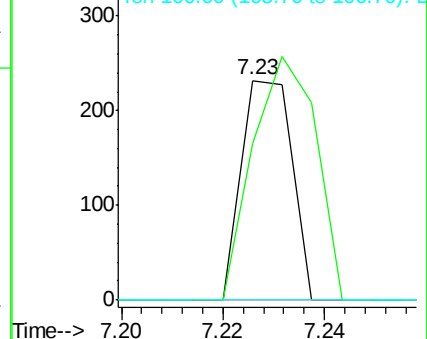
77 100

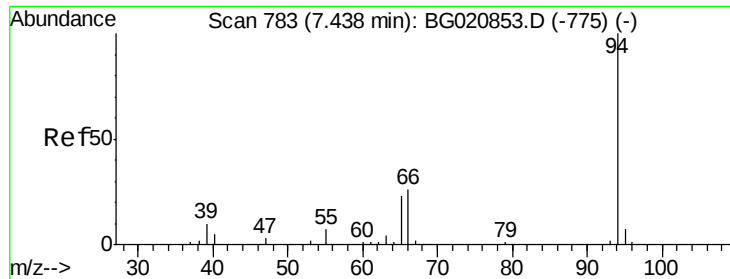
105 71.1 93.4 133.4#

106 0.0 88.7 128.7#



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC





#10

Phenol

Concen: 0.62 ng

RT: 7.44 min Scan# 783

Delta R.T. -0.00 min

Lab File: BG020876.D

Acq: 12 Feb 2016 3:56

Instrument :

BNA_G

ClientSampleId :

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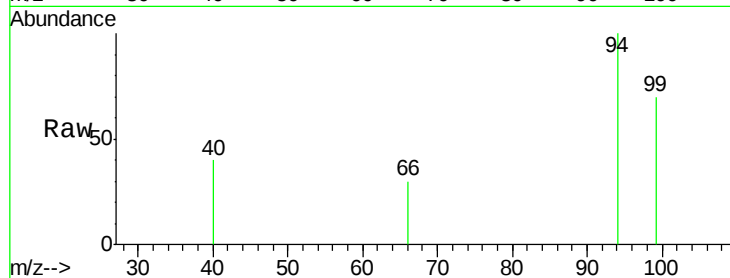
Tgt Ion: 94 Resp: 1080

Ion Ratio Lower Upper

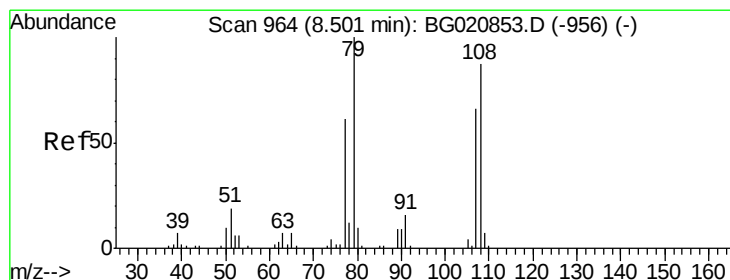
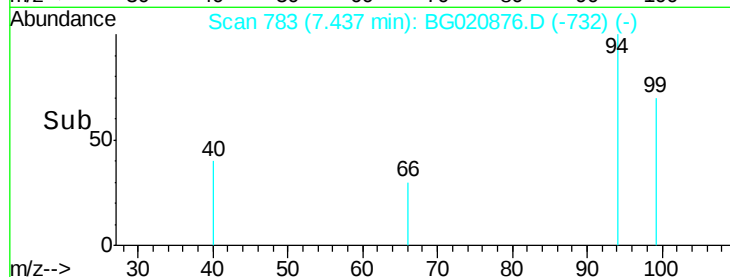
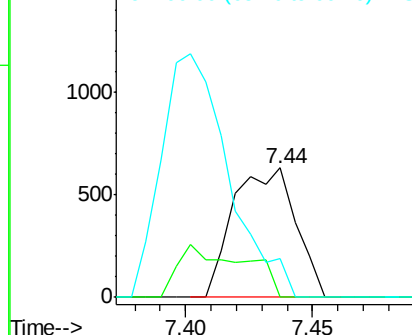
94 100

65 0.0 2.8 42.8#

66 30.2 7.2 47.2



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC



#15

Benzyl Alcohol

Concen: 1.47 ng

RT: 8.59 min Scan# 980

Delta R.T. 0.09 min

Lab File: BG020876.D

Acq: 12 Feb 2016 3:56

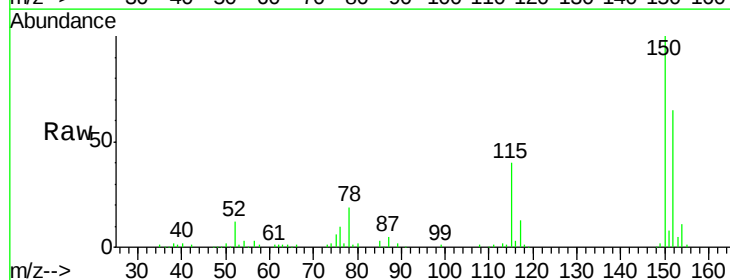
Tgt Ion: 79 Resp: 1517

Ion Ratio Lower Upper

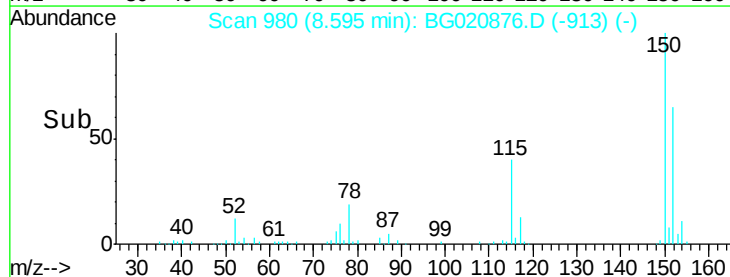
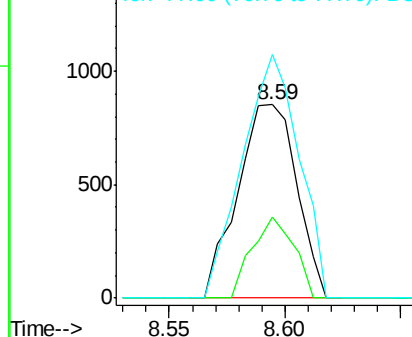
79 100

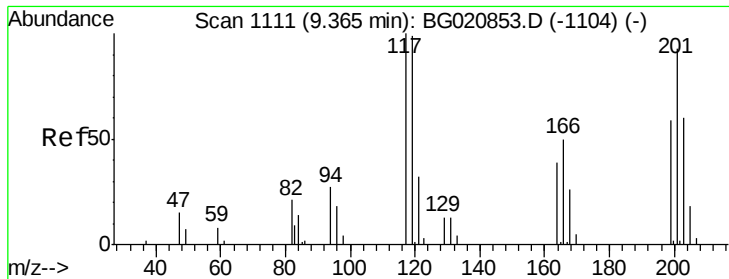
108 41.7 69.4 104.2#

77 125.9 48.6 73.0#



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC

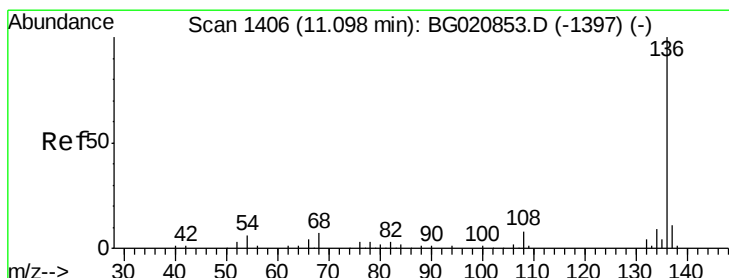
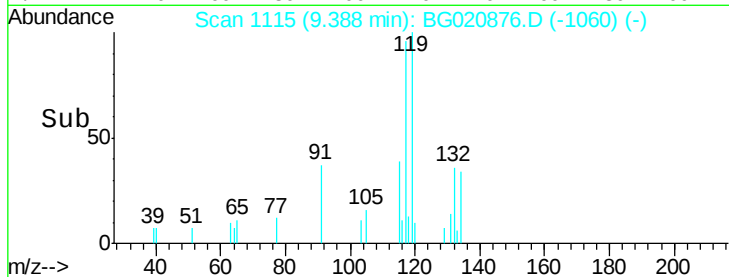
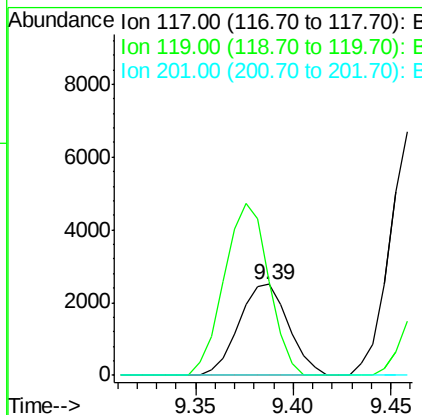
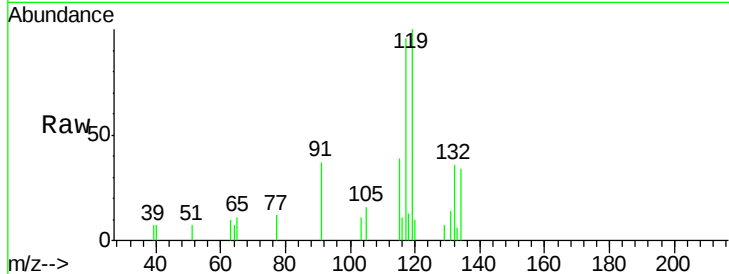




#18
Hexachloroethane
Concen: 8.55 ng
RT: 9.39 min Scan# 1115
Delta R.T. 0.02 min
Lab File: BG020876.D
Acq: 12 Feb 2016 3:56

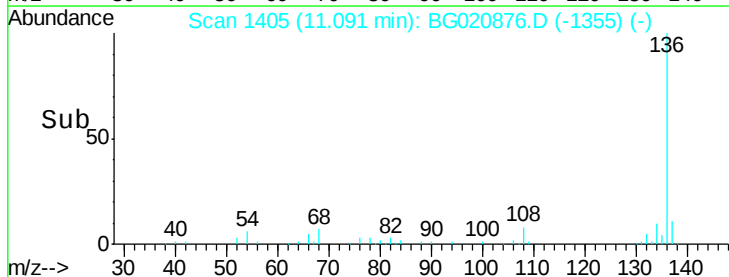
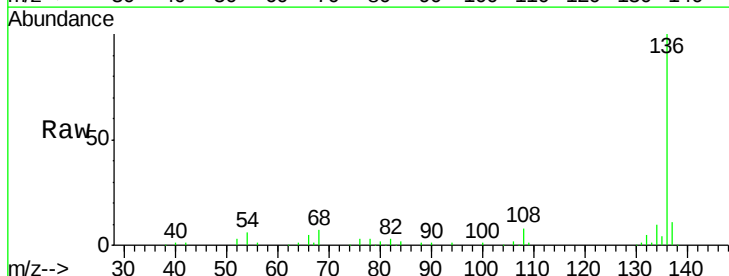
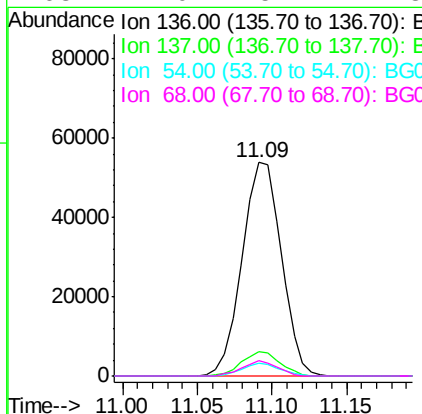
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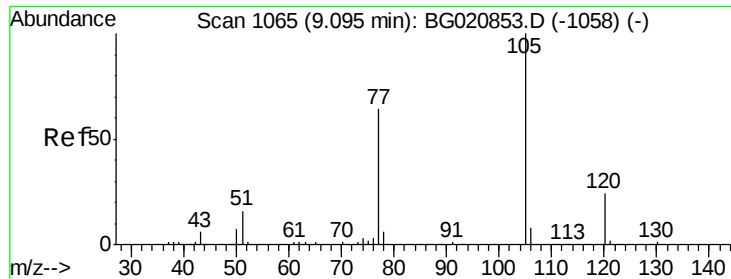
Tgt Ion:117 Resp: 4398
Ion Ratio Lower Upper
117 100
119 104.1 79.6 119.4
201 0.0 74.5 111.7#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.09 min Scan# 1405
Delta R.T. -0.01 min
Lab File: BG020876.D
Acq: 12 Feb 2016 3:56

Tgt Ion:136 Resp: 98151
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 6.2 5.0 7.4
68 7.0 5.2 7.8

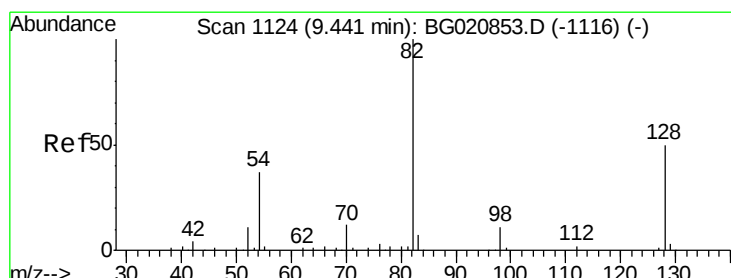
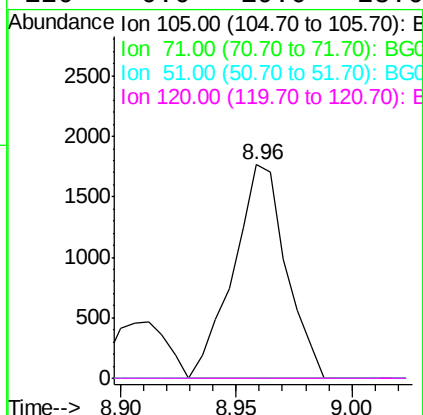
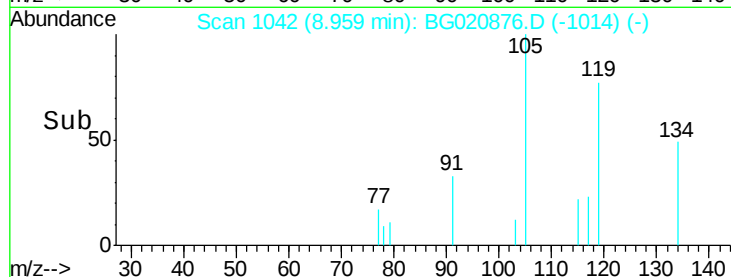
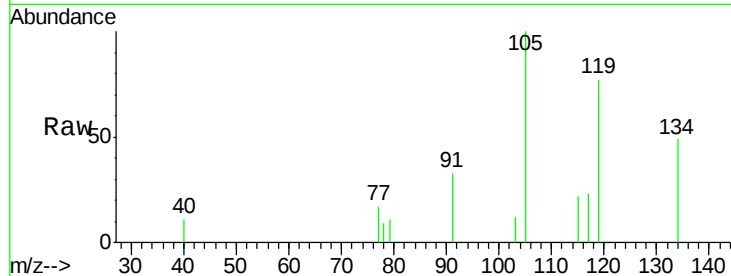




#22
Acetophenone
Concen: 1.19 ng
RT: 8.96 min Scan# 1042
Delta R.T. -0.14 min
Lab File: BG020876.D
Acq: 12 Feb 2016 3:56

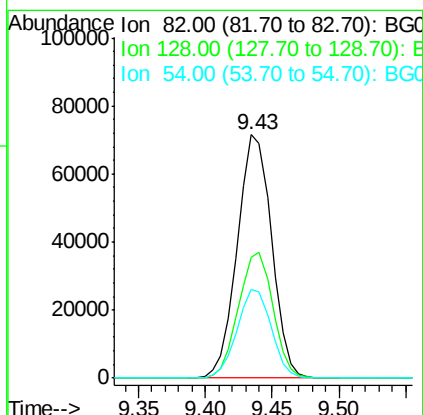
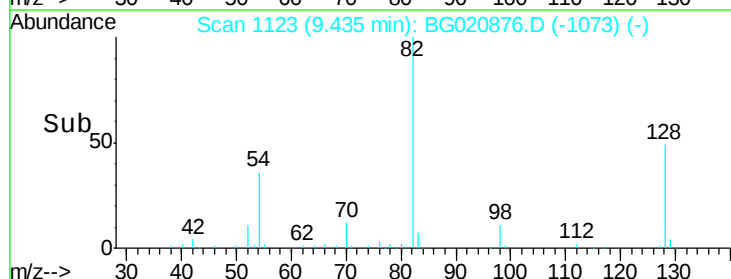
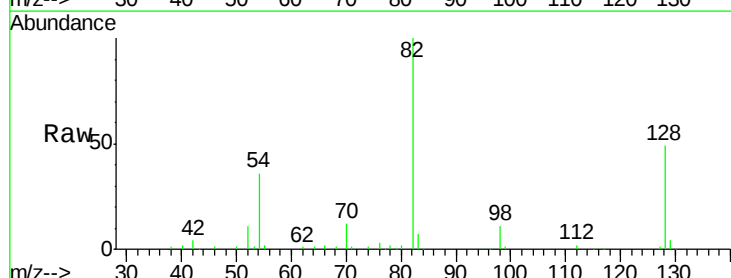
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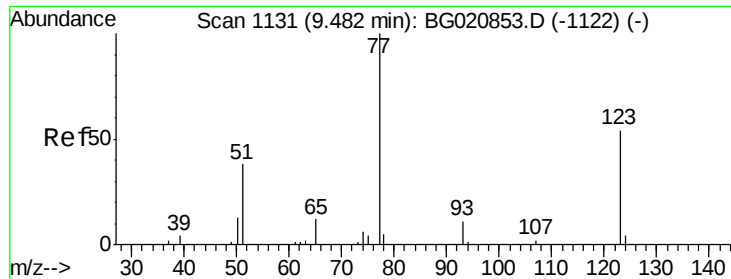
Tgt Ion:	105	Resp:	2804
Ion Ratio	Lower	Upper	
105	100		
71	0.0	1.4	2.0#
51	0.0	13.7	20.5#
120	0.0	19.0	28.6#



#23
Nitrobenzene-d5
Concen: 85.33 ng
RT: 9.43 min Scan# 1123
Delta R.T. -0.01 min
Lab File: BG020876.D
Acq: 12 Feb 2016 3:56

Tgt Ion:	82	Resp:	127378
Ion Ratio	Lower	Upper	
82	100		
128	49.4	40.1	60.1
54	36.5	29.5	44.3

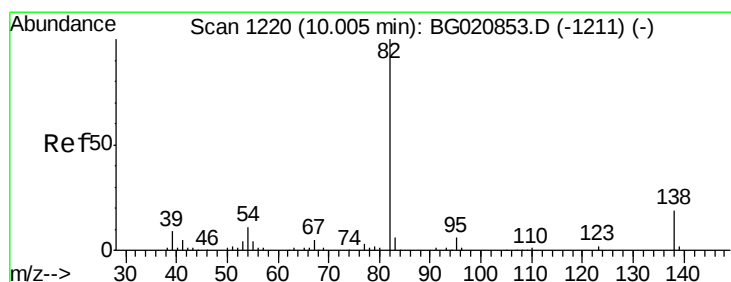
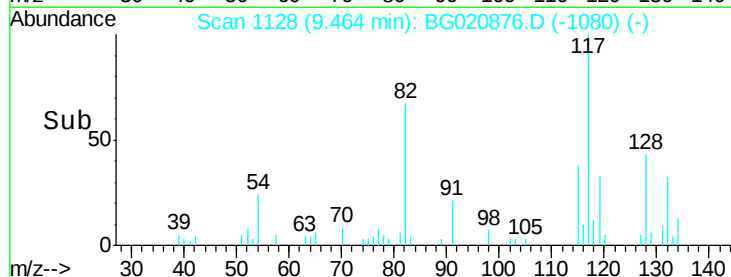
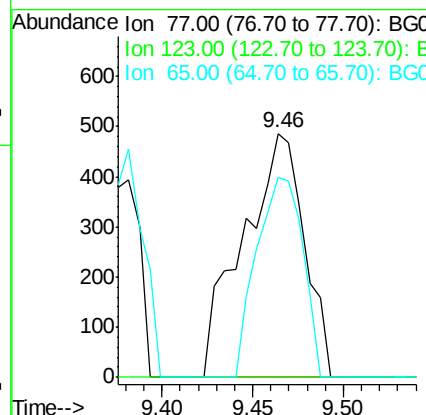
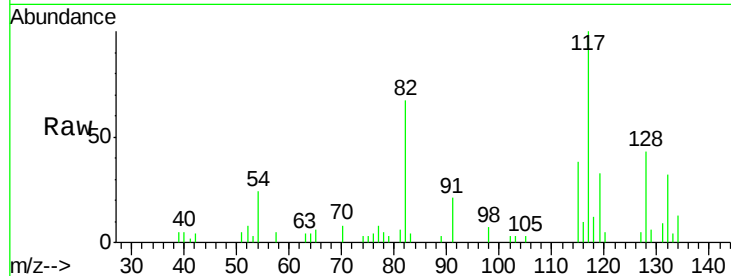




#24
Nitrobenzene
Concen: 0.74 ng
RT: 9.46 min Scan# 1128
Delta R.T. -0.02 min
Lab File: BG020876.D
Acq: 12 Feb 2016 3:56

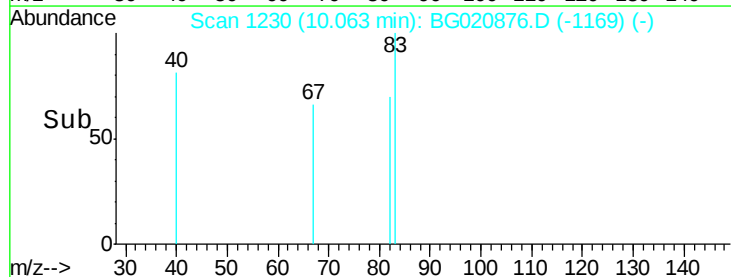
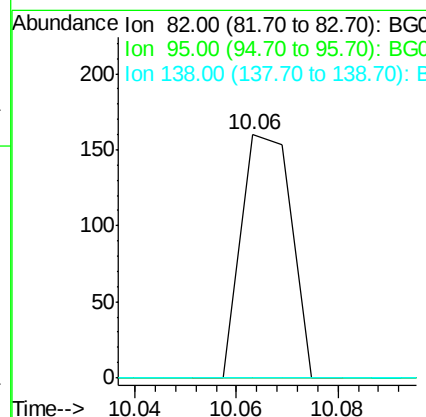
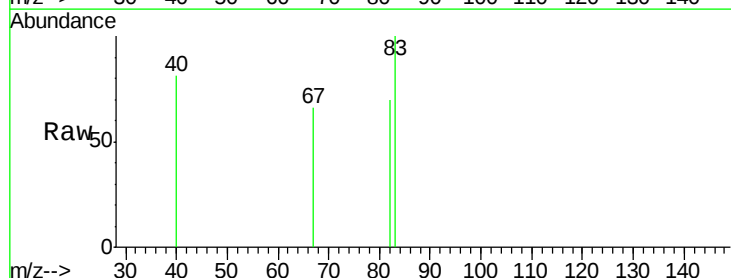
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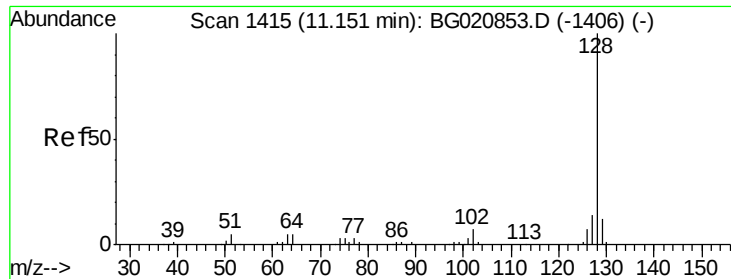
Tgt Ion: 77 Resp: 1148
Ion Ratio Lower Upper
77 100
123 0.0 43.2 64.8#
65 81.9 9.2 13.8#



#25
Isophorone
Concen: 0.03 ng
RT: 10.06 min Scan# 1230
Delta R.T. 0.06 min
Lab File: BG020876.D
Acq: 12 Feb 2016 3:56

Tgt Ion: 82 Resp: 110
Ion Ratio Lower Upper
82 100
95 0.0 4.8 7.2#
138 0.0 15.4 23.0#

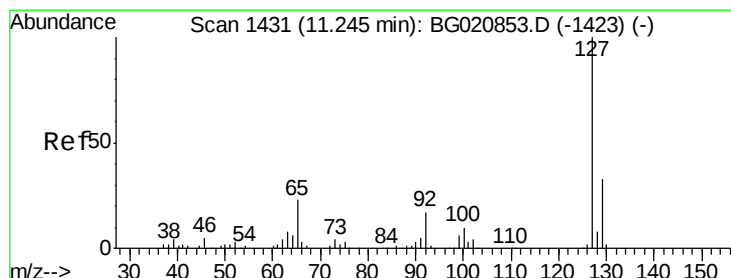
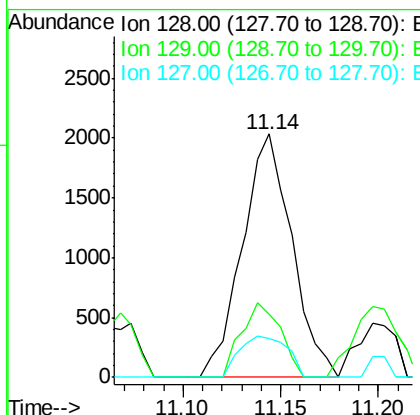
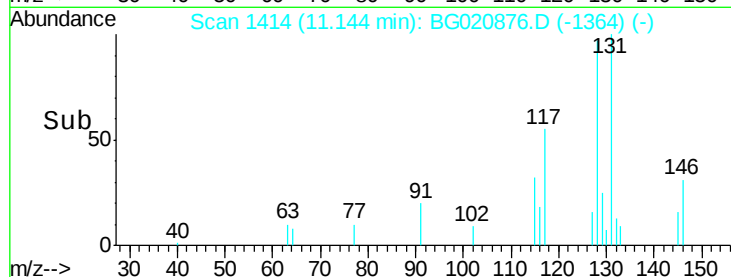
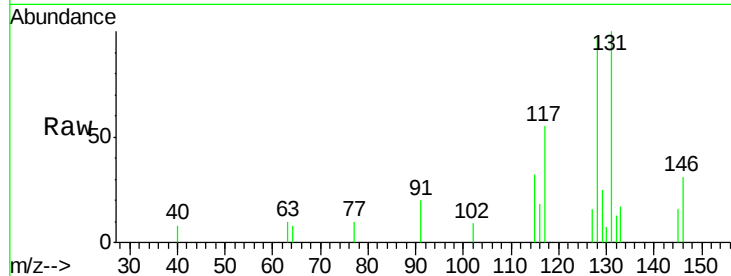




#31
Naphthalene
Concen: 0.70 ng
RT: 11.14 min Scan# 1414
Delta R.T. -0.01 min
Lab File: BG020876.D
Acq: 12 Feb 2016 3:56

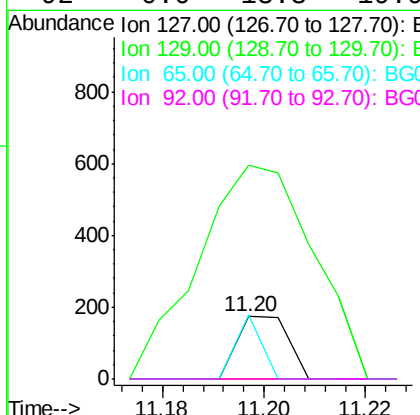
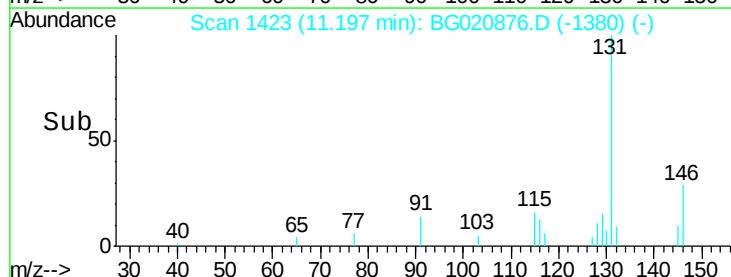
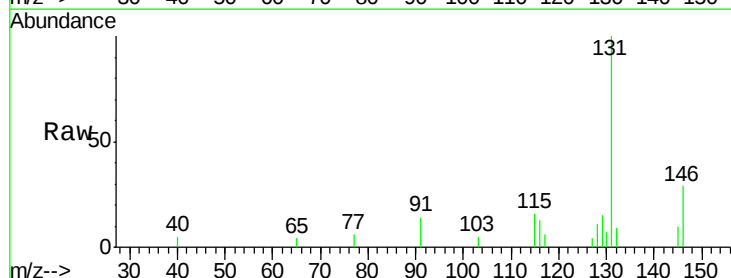
Instrument :
BNA_G
ClientSampleId :
HW-47

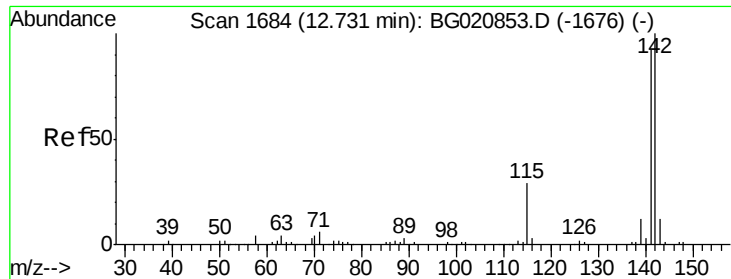
Tgt Ion:128 Resp: 3571
Ion Ratio Lower Upper
128 100
129 25.7 9.3 13.9#
127 16.1 11.4 17.2



#33
4-Chloroaniline
Concen: 0.06 ng
RT: 11.20 min Scan# 1423
Delta R.T. -0.05 min
Lab File: BG020876.D
Acq: 12 Feb 2016 3:56

Tgt Ion:127 Resp: 122
Ion Ratio Lower Upper
127 100
129 343.9 26.2 39.4#
65 102.9 18.6 27.8#
92 0.0 13.3 19.9#

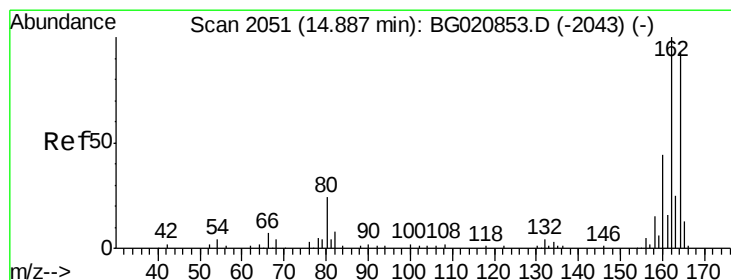
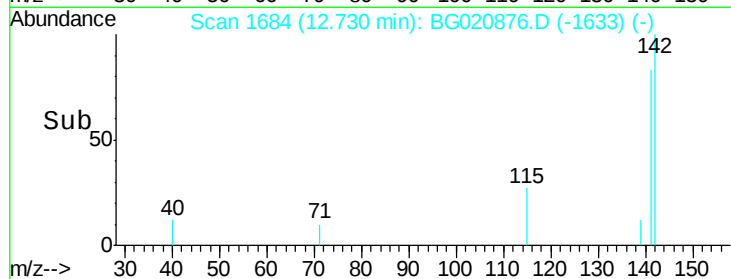
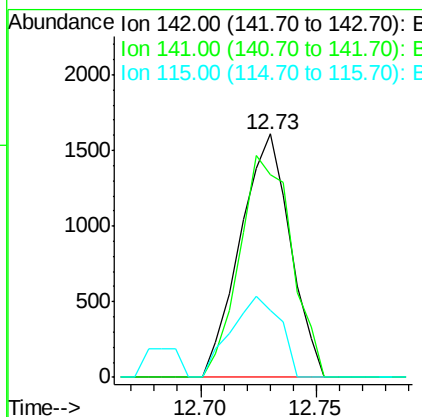
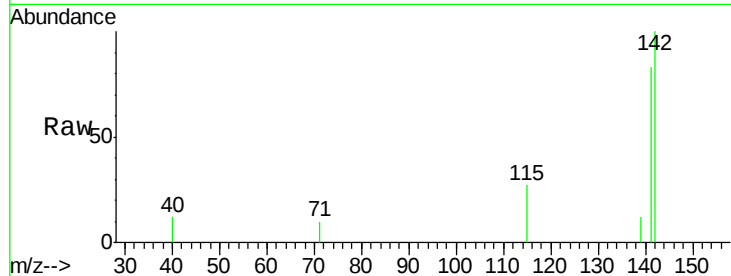




#37
 2-Methylnaphthalene
 Concen: 0.68 ng
 RT: 12.73 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: BG020876.D
 Acq: 12 Feb 2016 3:56

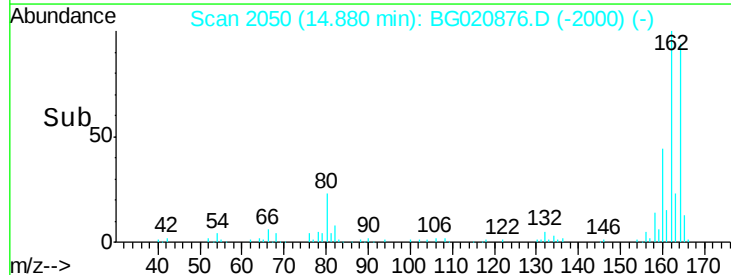
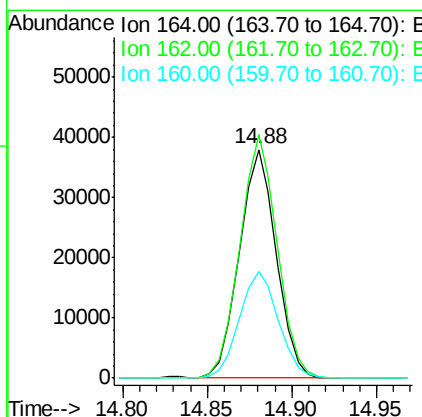
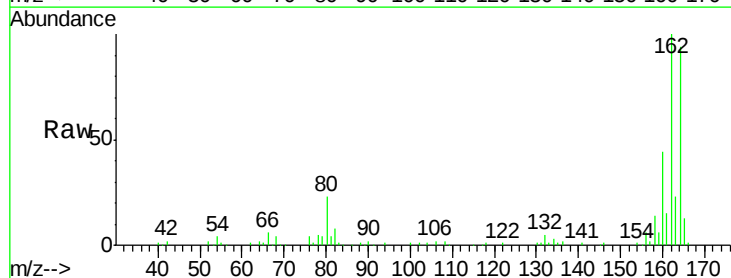
Instrument :
 BNA_G
 ClientSampleId :
 HW-47

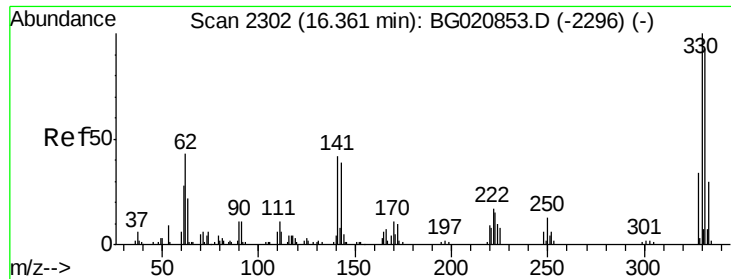
Tgt Ion:142 Resp: 2426
 Ion Ratio Lower Upper
 142 100
 141 83.2 73.4 110.2
 115 27.3 23.0 34.6



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.88 min Scan# 2050
 Delta R.T. -0.01 min
 Lab File: BG020876.D
 Acq: 12 Feb 2016 3:56

Tgt Ion:164 Resp: 57455
 Ion Ratio Lower Upper
 164 100
 162 106.4 85.7 128.5
 160 46.8 37.4 56.0

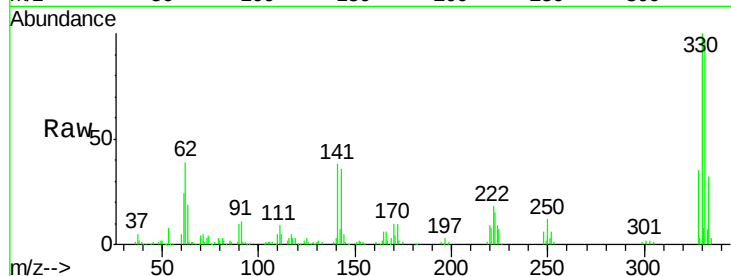




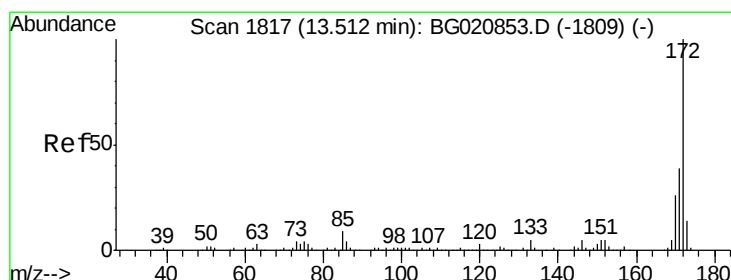
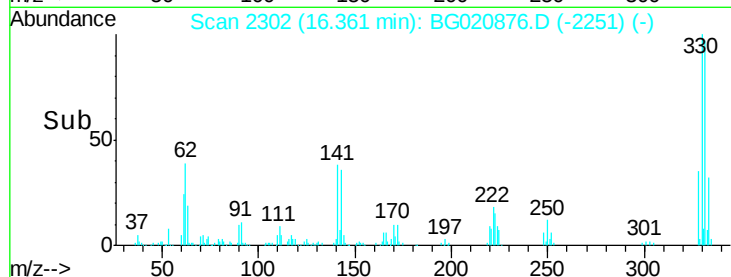
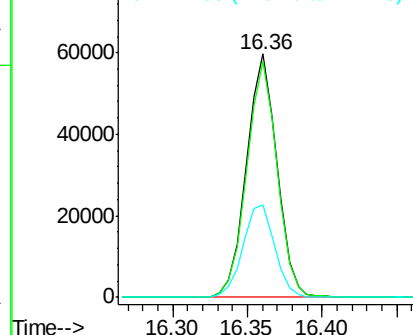
#41
 2,4,6-Tribromophenol
 Concen: 149.00 ng
 RT: 16.36 min Scan# 2302
 Delta R.T. -0.00 min
 Lab File: BG020876.D
 Acq: 12 Feb 2016 3:56

Instrument :
 BNA_G
 ClientSampleId :
 HW-47

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.6	76.1	114.1
141	39.8	32.0	48.0

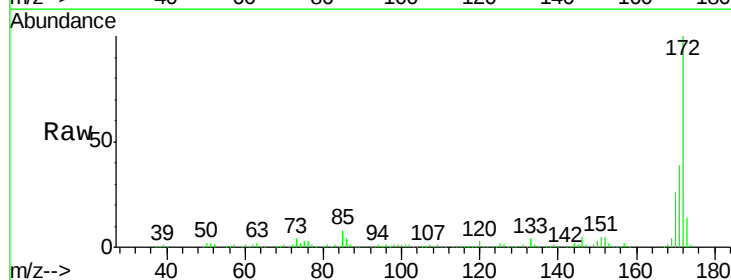


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

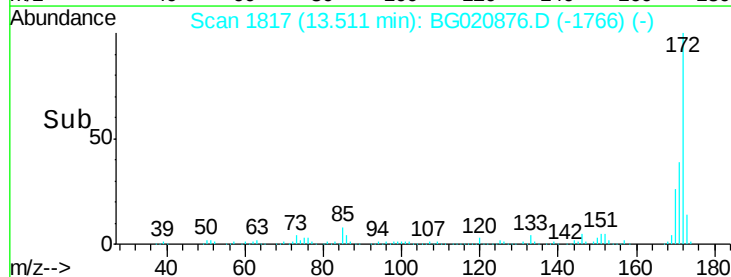
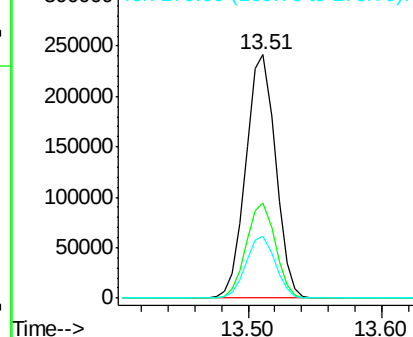


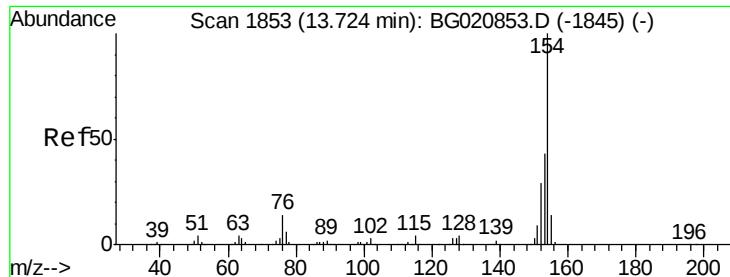
#44
 2-Fluorobiphenyl
 Concen: 90.32 ng
 RT: 13.51 min Scan# 1817
 Delta R.T. -0.00 min
 Lab File: BG020876.D
 Acq: 12 Feb 2016 3:56

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.2	31.2	46.8
170	25.6	20.6	30.8



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

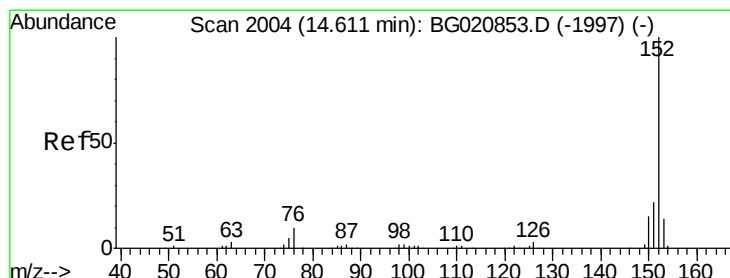
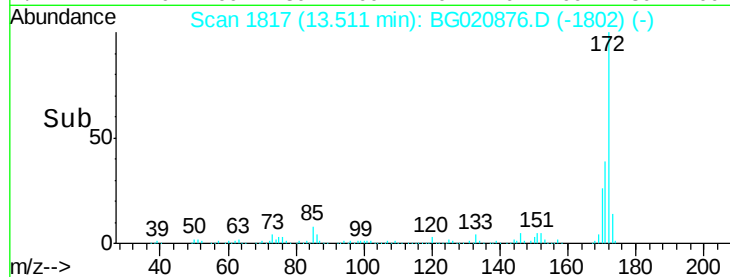
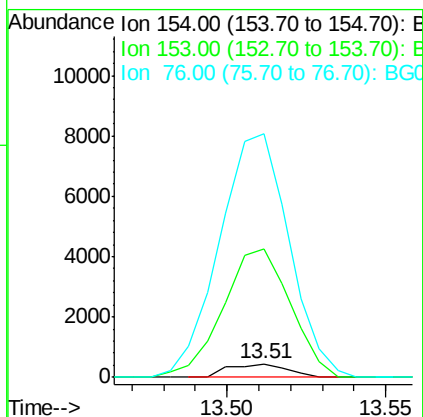
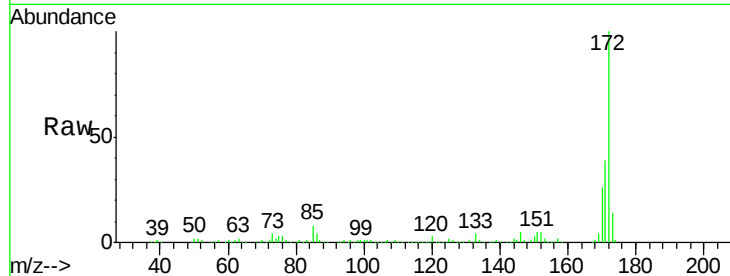




#45
 1,1'-Biphenyl
 Concen: 0.11 ng
 RT: 13.51 min Scan# 1817
 Delta R.T. -0.21 min
 Lab File: BG020876.D
 Acq: 12 Feb 2016 3:56

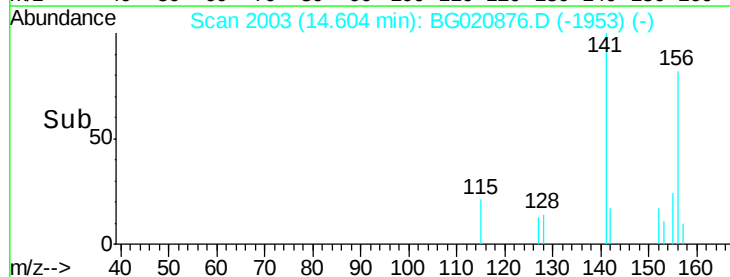
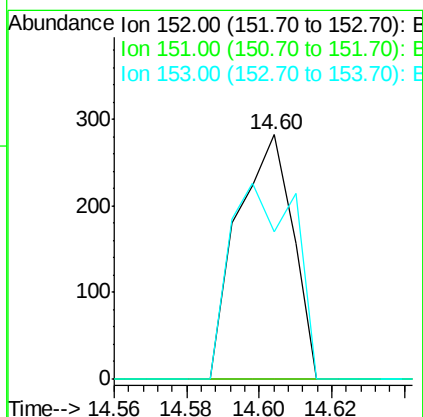
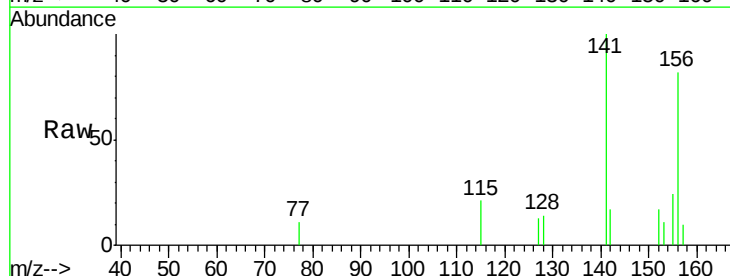
Instrument :
 BNA_G
 ClientSampleId :
 HW-47

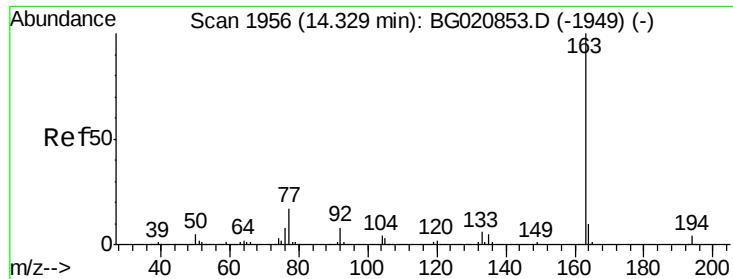
Tgt Ion:154 Resp: 558
 Ion Ratio Lower Upper
 154 100
 153 976.9 22.5 62.5#
 76 1846.0 0.0 33.8#



#48
 Acenaphthylene
 Concen: 0.05 ng
 RT: 14.60 min Scan# 2003
 Delta R.T. -0.01 min
 Lab File: BG020876.D
 Acq: 12 Feb 2016 3:56

Tgt Ion:152 Resp: 297
 Ion Ratio Lower Upper
 152 100
 151 0.0 17.5 26.3#
 153 60.3 10.9 16.3#





#49

Dimethylphthalate

Concen: 5.18 ng

RT: 14.32 min Scan# 1955

Delta R.T. -0.01 min

Lab File: BG020876.D

Acq: 12 Feb 2016 3:56

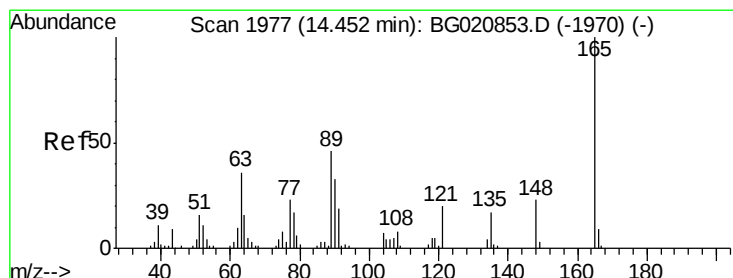
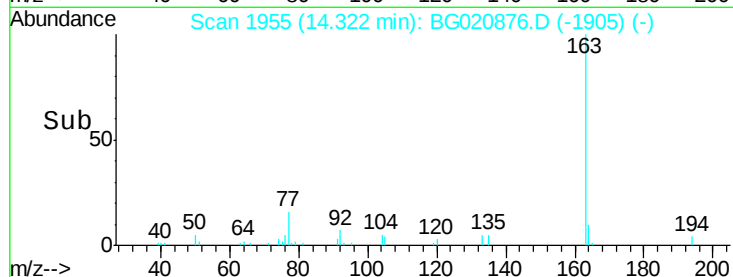
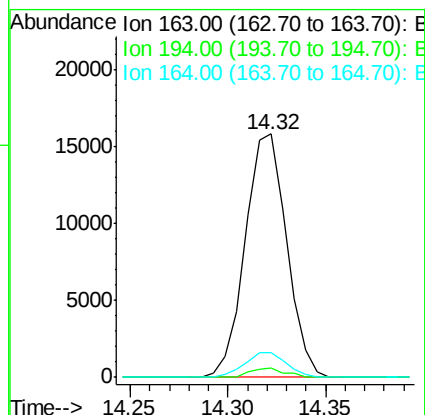
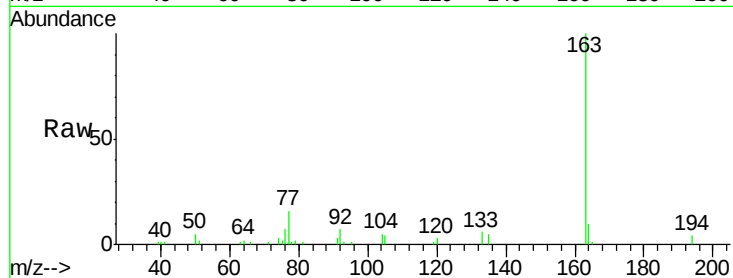
Instrument :

BNA_G

ClientSampleId :

HW-47

Tgt Ion:	163	Resp:	23267
Ion	Ratio	Lower	Upper
163	100		
194	3.6	3.1	4.7
164	9.9	8.3	12.5



#50

2,6-Dinitrotoluene

Concen: 0.16 ng

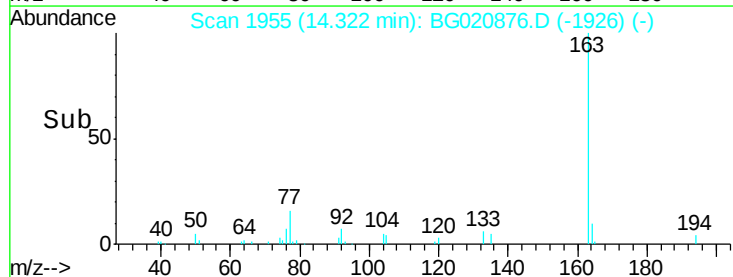
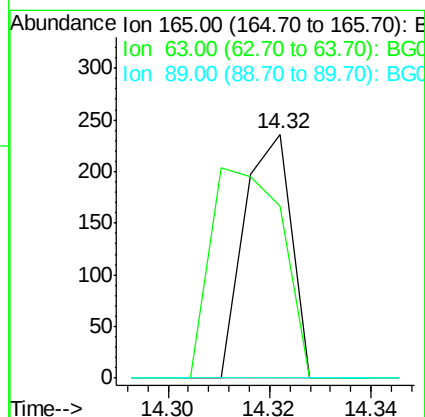
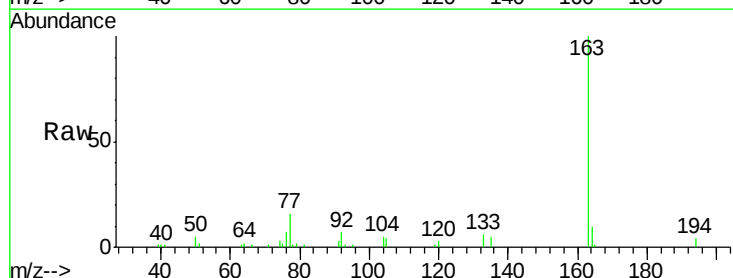
RT: 14.32 min Scan# 1955

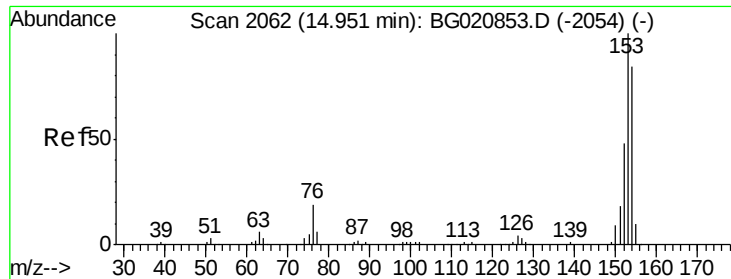
Delta R.T. -0.13 min

Lab File: BG020876.D

Acq: 12 Feb 2016 3:56

Tgt Ion:	165	Resp:	153
Ion	Ratio	Lower	Upper
165	100		
63	70.3	30.3	45.5#
89	0.0	36.9	55.3#





#51

Acenaphthene

Concen: 0.56 ng

RT: 14.94 min Scan# 2061

Delta R.T. -0.01 min

Lab File: BG020876.D

Acq: 12 Feb 2016 3:56

Instrument :

BNA_G

ClientSampleId :

HW-47

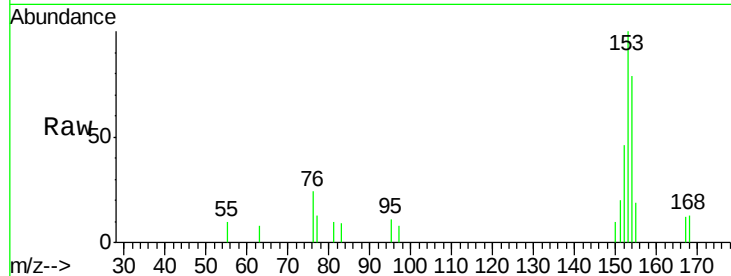
Tgt Ion:154 Resp: 2154

Ion Ratio Lower Upper

154 100

153 126.3 95.4 143.0

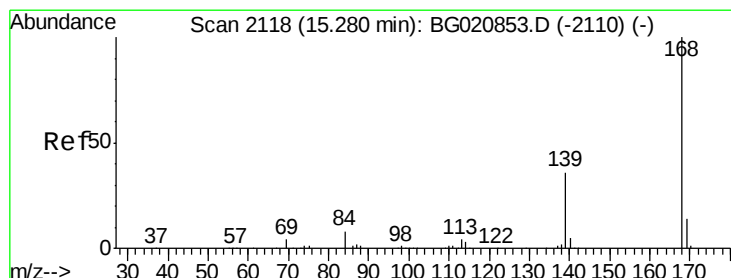
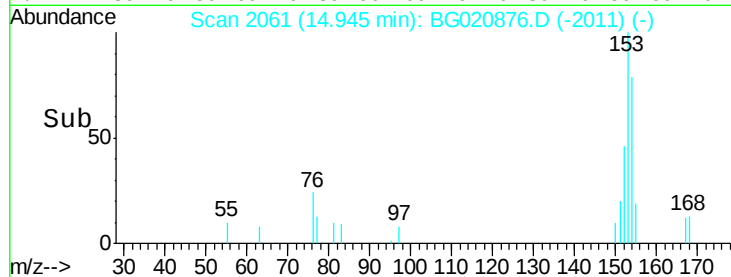
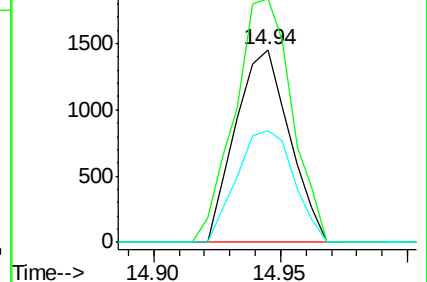
152 57.9 46.1 69.1



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#54

Dibenzofuran

Concen: 0.42 ng

RT: 15.27 min Scan# 2117

Delta R.T. -0.01 min

Lab File: BG020876.D

Acq: 12 Feb 2016 3:56

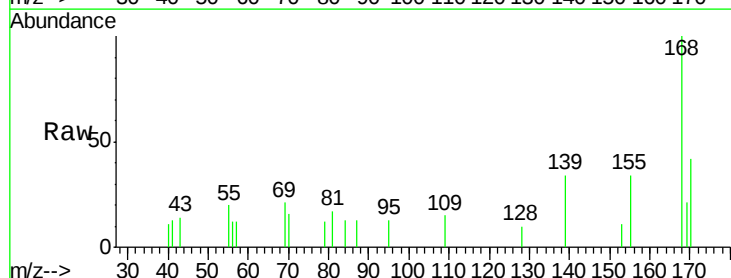
Tgt Ion:168 Resp: 2149

Ion Ratio Lower Upper

168 100

139 34.3 28.5 42.7

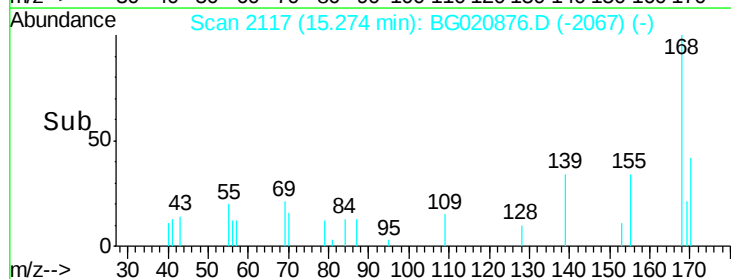
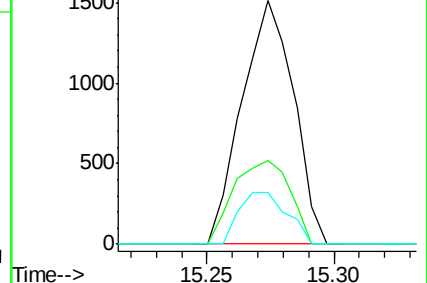
169 21.1 11.0 16.4#

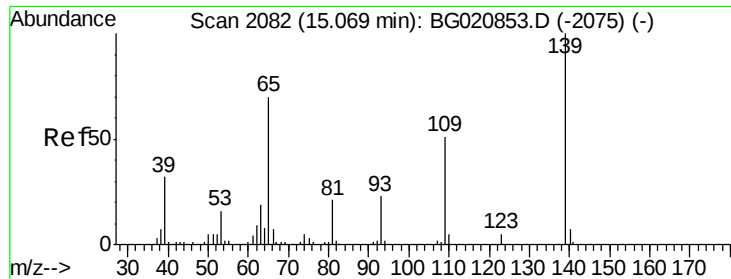


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 0.95 ng

RT: 15.27 min Scan# 2117

Delta R.T. 0.20 min

Lab File: BG020876.D

Acq: 12 Feb 2016 3:56

Instrument :

BNA_G

ClientSampleId :

HW-47

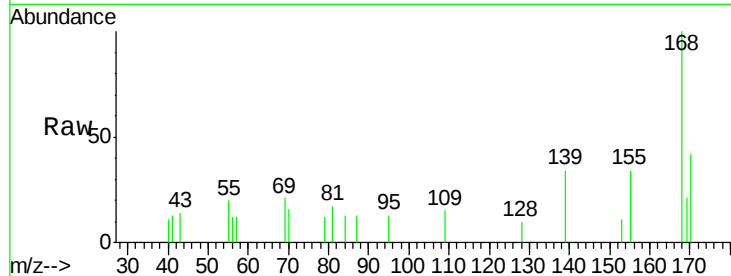
Tgt Ion:139 Resp: 800

Ion Ratio Lower Upper

139 100

109 43.7 31.0 71.0

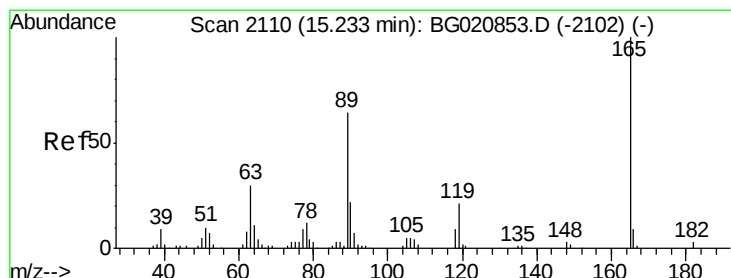
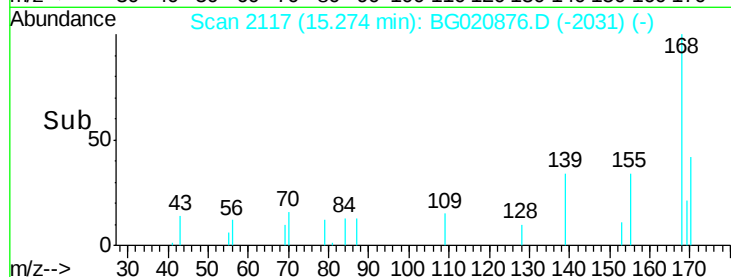
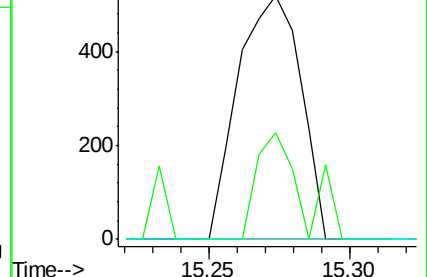
65 0.0 49.6 89.6#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC



#56

2,4-Dinitrotoluene

Concen: 0.09 ng

RT: 14.95 min Scan# 2062

Delta R.T. -0.28 min

Lab File: BG020876.D

Acq: 12 Feb 2016 3:56

Tgt Ion:165 Resp: 115

Ion Ratio Lower Upper

165 100

63 116.1 23.7 35.5#

89 0.0 50.9 76.3#

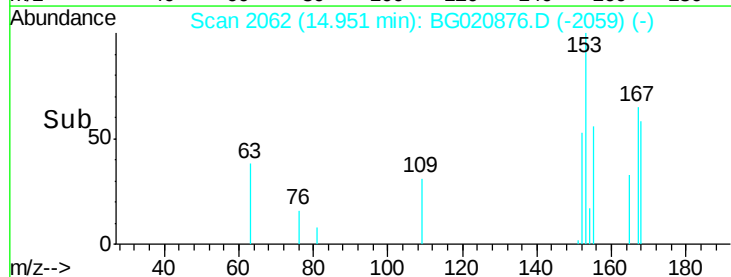
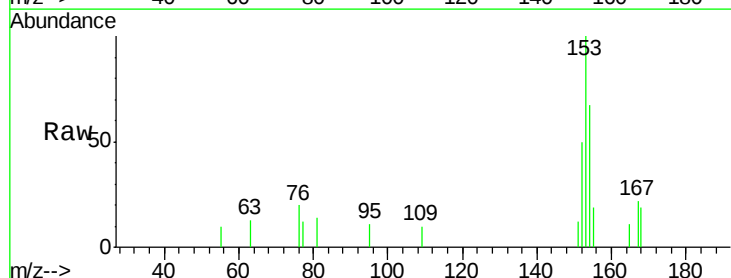
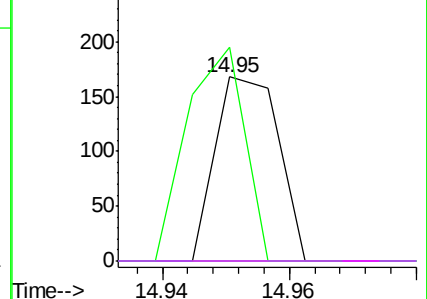
182 0.0 2.2 3.2#

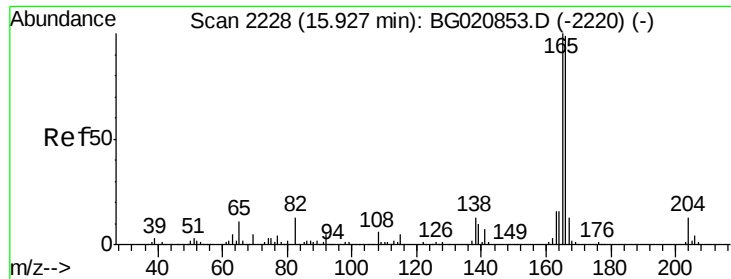
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 0.48 ng

RT: 15.92 min Scan# 2227

Delta R.T. -0.01 min

Lab File: BG020876.D

Acq: 12 Feb 2016 3:56

Instrument :

BNA_G

ClientSampleId :

HW-47

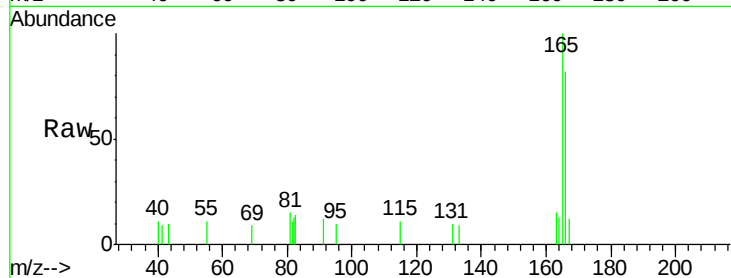
Tgt Ion:166 Resp: 2216

Ion Ratio Lower Upper

166 100

165 122.4 81.0 121.4#

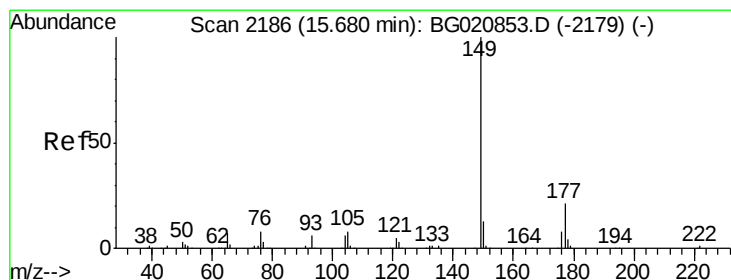
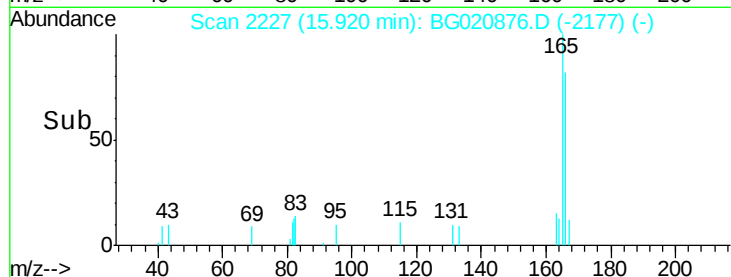
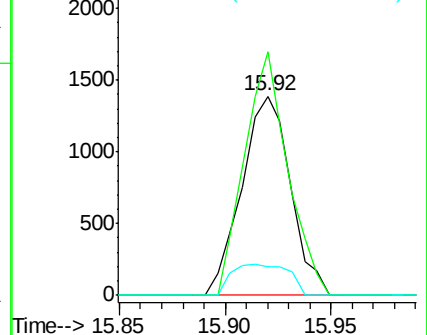
167 14.1 10.8 16.2



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#59

Diethylphthalate

Concen: 0.19 ng

RT: 15.67 min Scan# 2184

Delta R.T. -0.01 min

Lab File: BG020876.D

Acq: 12 Feb 2016 3:56

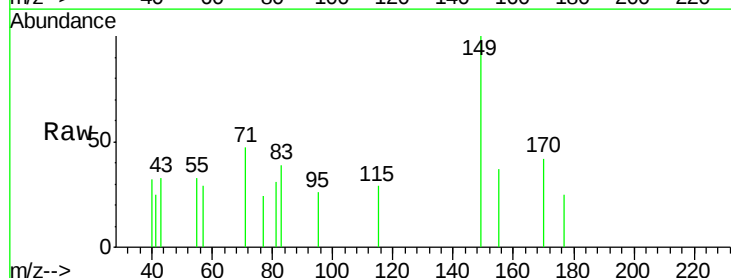
Tgt Ion:149 Resp: 866

Ion Ratio Lower Upper

149 100

177 25.1 16.9 25.3

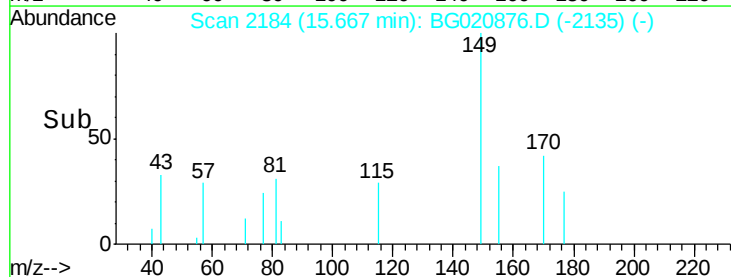
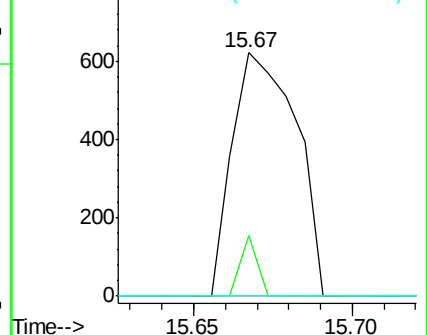
150 0.0 10.1 15.1#

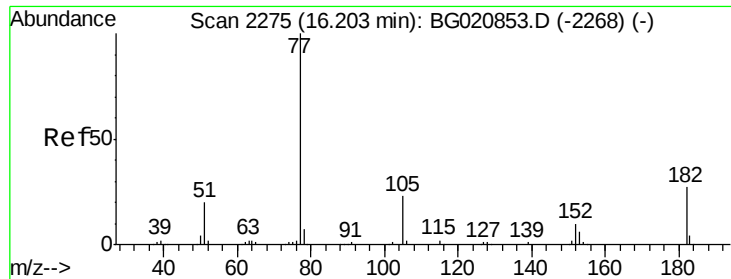


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





#62

Azobenzene

Concen: 0.18 ng

RT: 16.22 min Scan# 2278

Delta R.T. 0.02 min

Lab File: BG020876.D

Acq: 12 Feb 2016 3:56

Instrument :

BNA_G

ClientSampleId :

HW-47

Tgt Ion: 77 Resp: 667

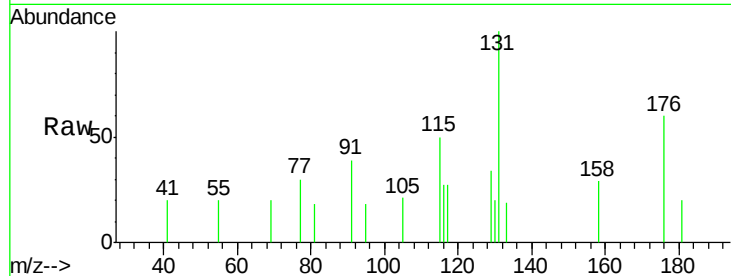
Ion Ratio Lower Upper

77 100

182 0.0 6.8 46.8#

105 70.7 3.4 43.4#

51 0.0 0.0 39.9

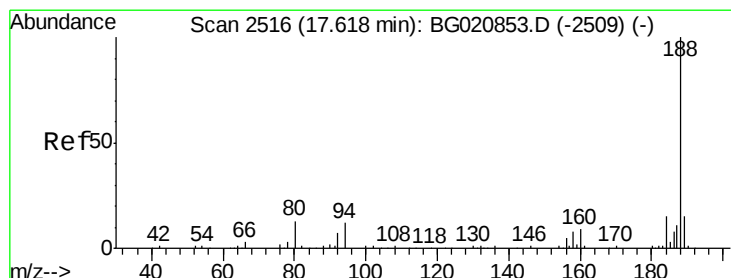
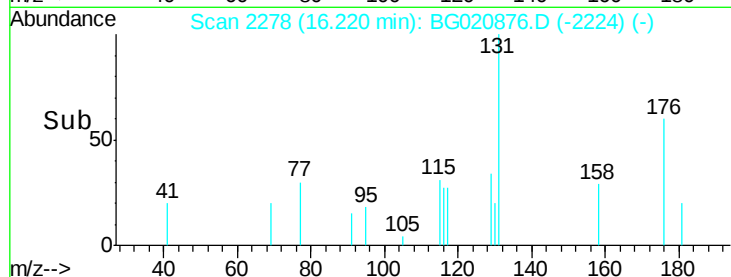
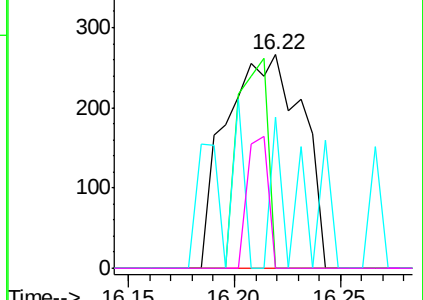


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.62 min Scan# 2516

Delta R.T. -0.00 min

Lab File: BG020876.D

Acq: 12 Feb 2016 3:56

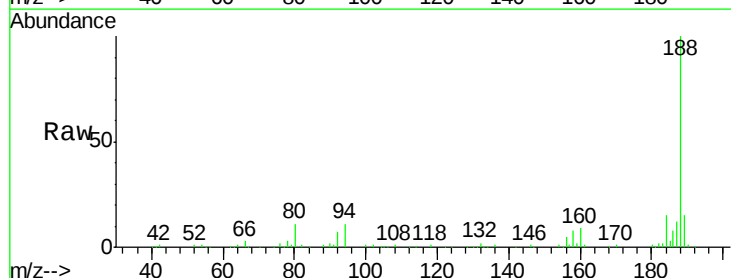
Tgt Ion: 188 Resp: 114936

Ion Ratio Lower Upper

188 100

94 11.3 9.4 14.0

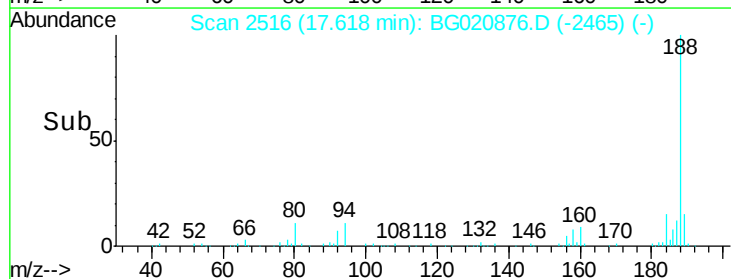
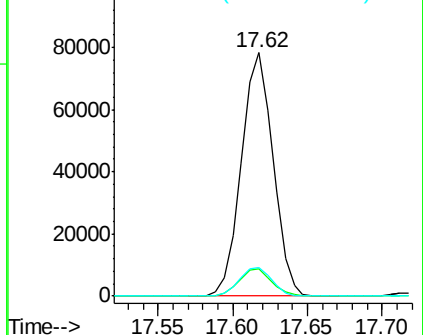
80 11.5 10.2 15.4

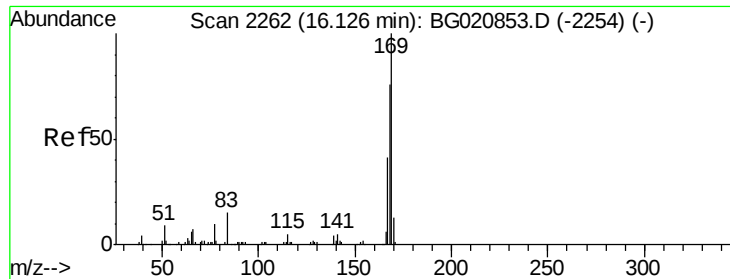


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

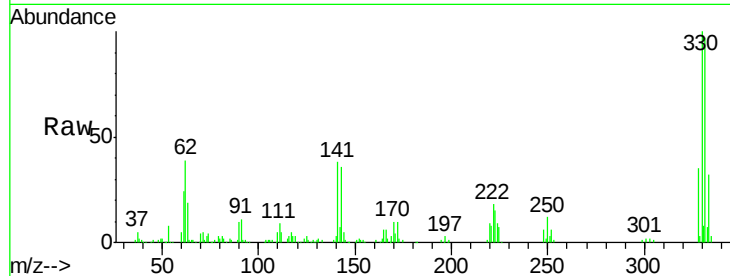




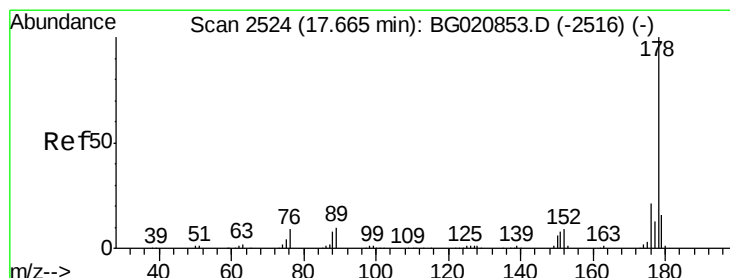
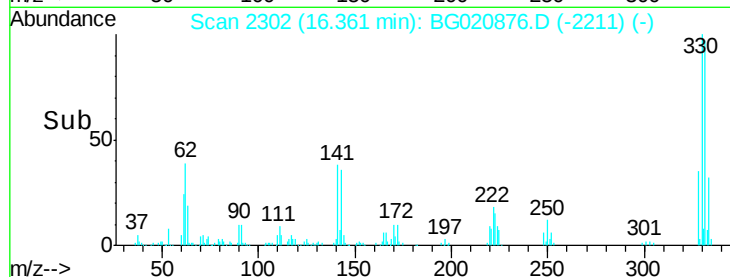
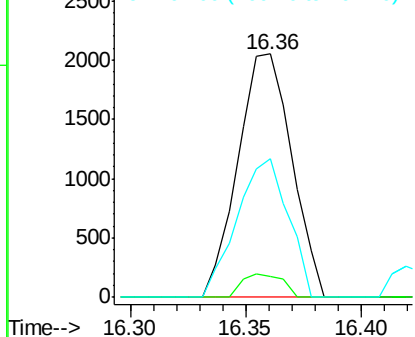
#65
 n-Nitrosodiphenylamine
 Concen: 0.90 ng
 RT: 16.36 min Scan# 2302
 Delta R.T. 0.23 min
 Lab File: BG020876.D
 Acq: 12 Feb 2016 3:56

Instrument :
 BNA_G
 ClientSampleId :
 HW-47

Tgt Ion:169 Resp: 3333
 Ion Ratio Lower Upper
 169 100
 168 8.4 60.7 91.1#
 167 57.1 32.8 49.2#

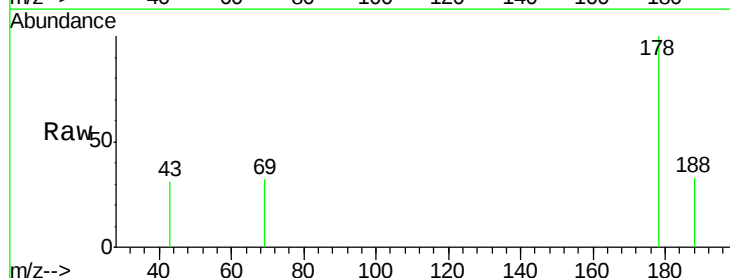


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

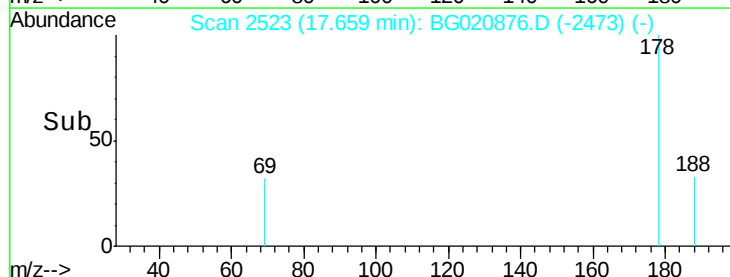
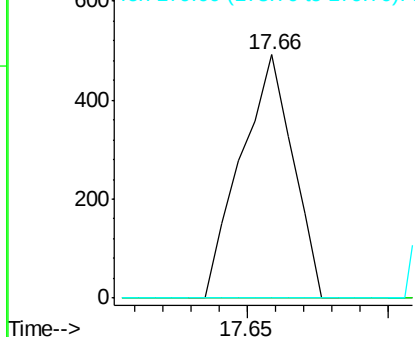


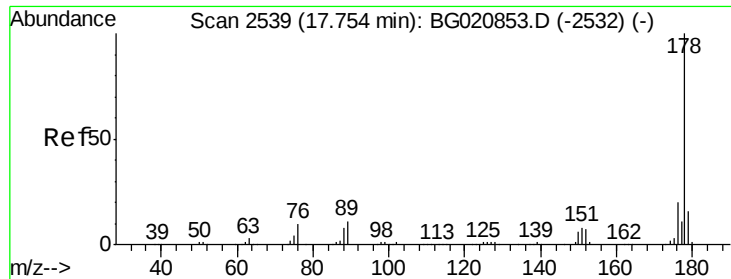
#70
 Phenanthrene
 Concen: 0.10 ng
 RT: 17.66 min Scan# 2523
 Delta R.T. -0.01 min
 Lab File: BG020876.D
 Acq: 12 Feb 2016 3:56

Tgt Ion:178 Resp: 626
 Ion Ratio Lower Upper
 178 100
 176 0.0 16.8 25.2#
 179 0.0 12.6 19.0#



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

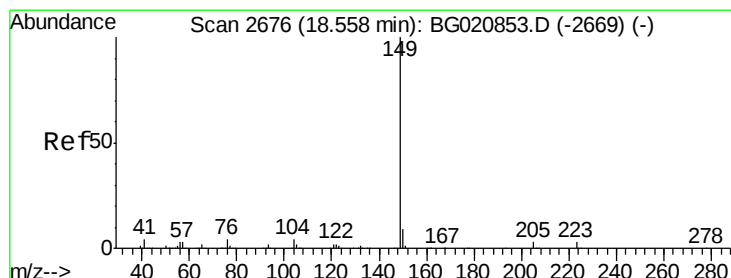
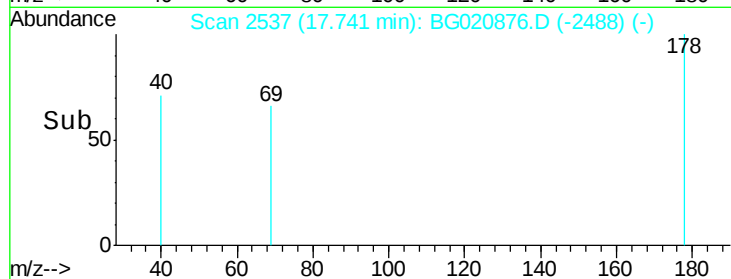
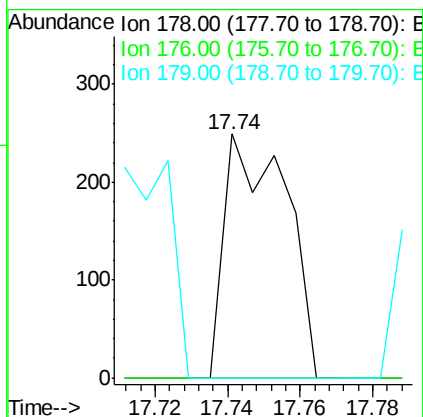
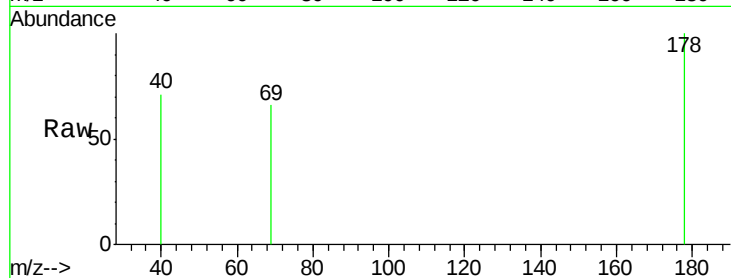




#71
 Anthracene
 Concen: 0.04 ng
 RT: 17.74 min Scan# 2537
 Delta R.T. -0.01 min
 Lab File: BG020876.D
 Acq: 12 Feb 2016 3:56

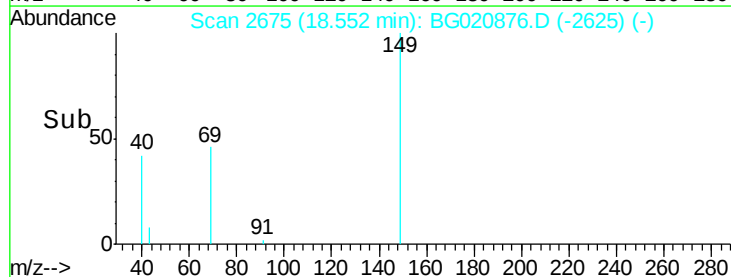
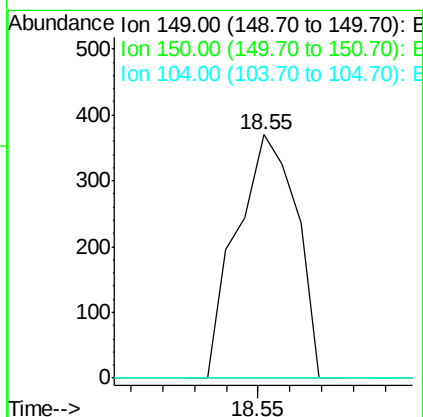
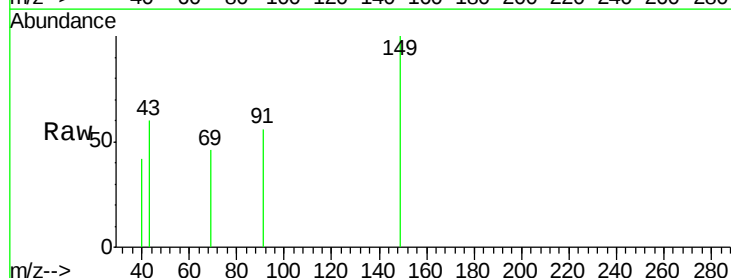
Instrument :
 BNA_G
 ClientSampleId :
 HW-47

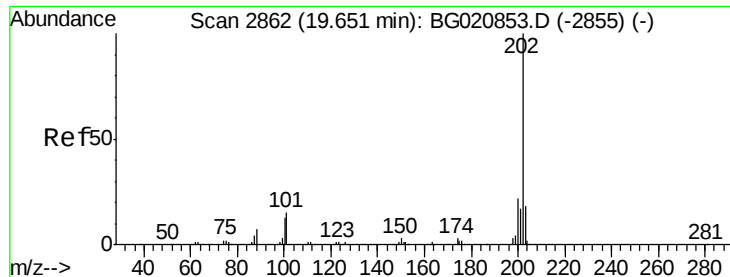
Tgt Ion:178 Resp: 294
 Ion Ratio Lower Upper
 178 100
 176 0.0 16.2 24.4#
 179 0.0 12.7 19.1#



#73
 Di-n-butylphthalate
 Concen: 0.06 ng
 RT: 18.55 min Scan# 2675
 Delta R.T. -0.01 min
 Lab File: BG020876.D
 Acq: 12 Feb 2016 3:56

Tgt Ion:149 Resp: 483
 Ion Ratio Lower Upper
 149 100
 150 0.0 7.6 11.4#
 104 0.0 3.4 5.0#





#74

Fluoranthene

Concen: 0.07 ng

RT: 19.65 min Scan# 2862

Delta R.T. -0.00 min

Lab File: BG020876.D

Acq: 12 Feb 2016 3:56

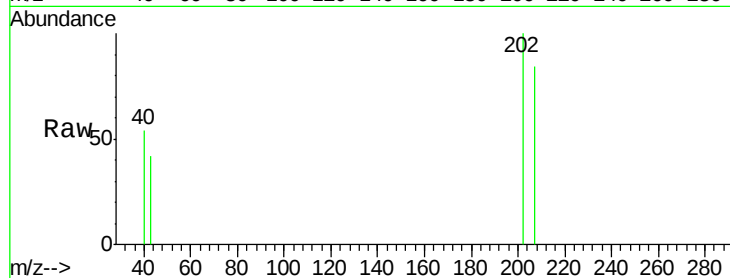
Instrument :

BNA_G

ClientSampleId :

HW-47

Tgt Ion:	202	Resp:	471
Ion	Ratio	Lower	Upper
202	100		
101	0.0	0.0	35.3
203	0.0	0.0	37.8

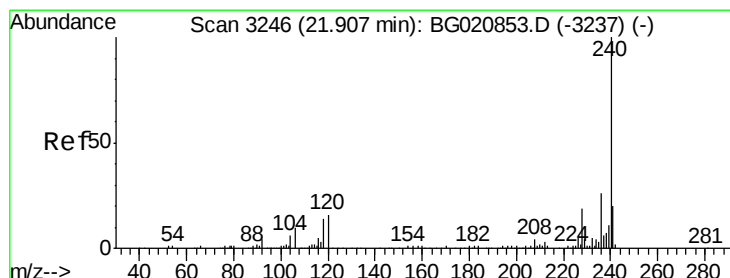
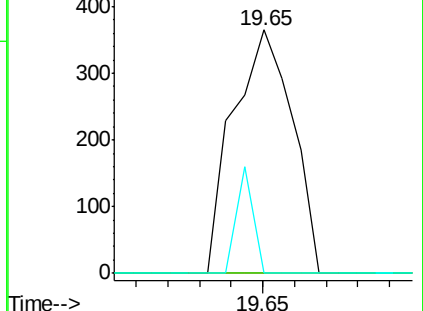
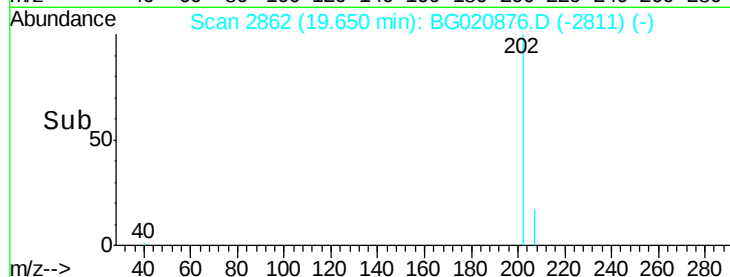


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

Time-->



#75

Chrysene-d12

Concen: 20.00 ng

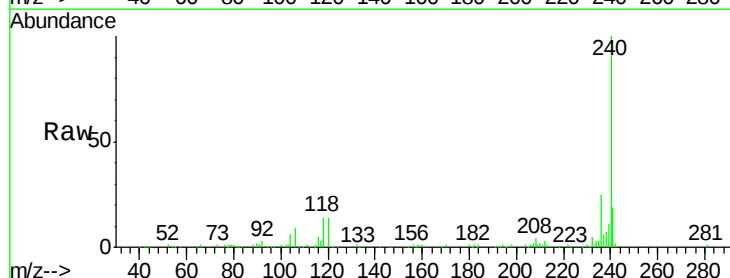
RT: 21.90 min Scan# 3245

Delta R.T. -0.01 min

Lab File: BG020876.D

Acq: 12 Feb 2016 3:56

Tgt Ion:	240	Resp:	109779
Ion	Ratio	Lower	Upper
240	100		
120	14.4	13.0	19.4
236	25.2	21.0	31.4

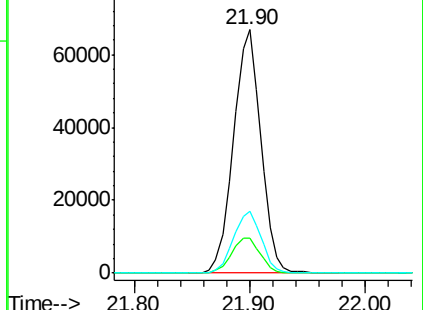
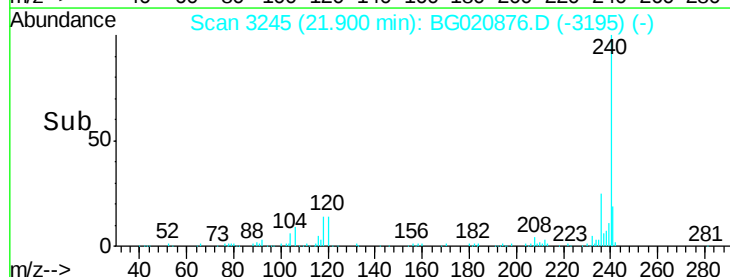


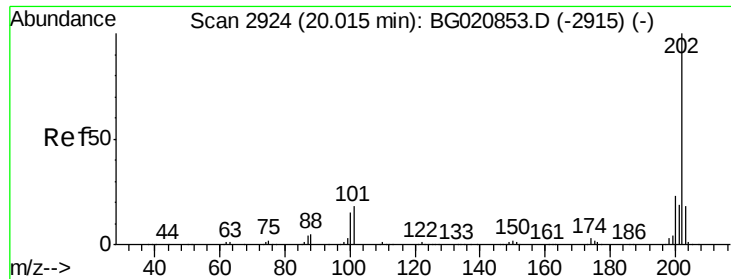
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

Time-->





#77

Pyrene

Concen: 0.06 ng

RT: 20.01 min Scan# 2924

Delta R.T. -0.00 min

Lab File: BG020876.D

Acq: 12 Feb 2016 3:56

Instrument :

BNA_G

ClientSampled :

HW-47

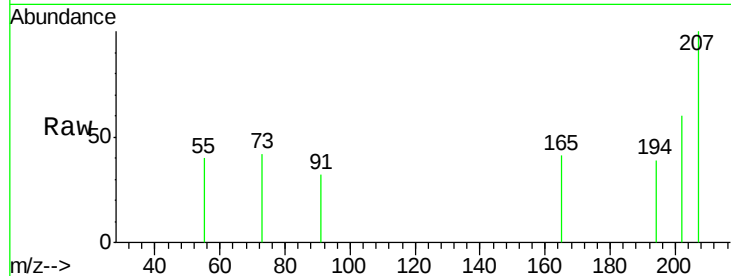
Tgt Ion: 202 Resp: 405

Ion Ratio Lower Upper

202 100

200 0.0 18.5 27.7#

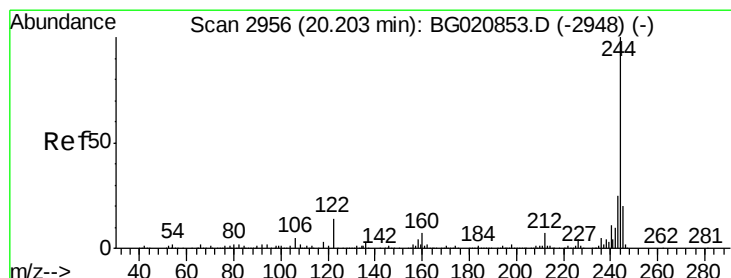
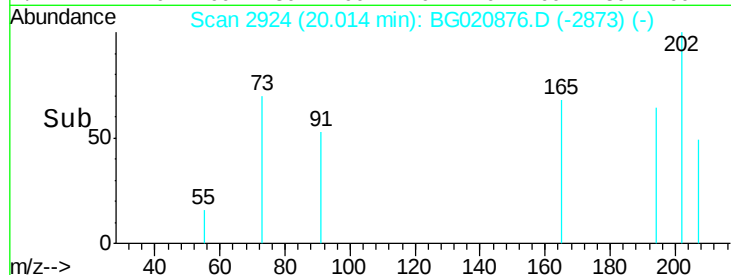
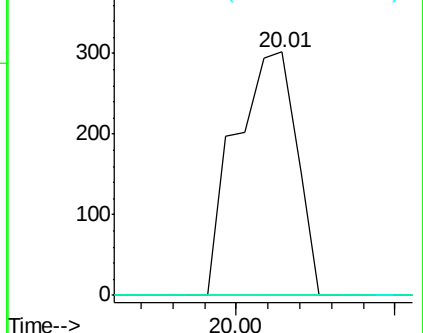
203 0.0 14.3 21.5#



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: 98.33 ng

RT: 20.20 min Scan# 2955

Delta R.T. -0.01 min

Lab File: BG020876.D

Acq: 12 Feb 2016 3:56

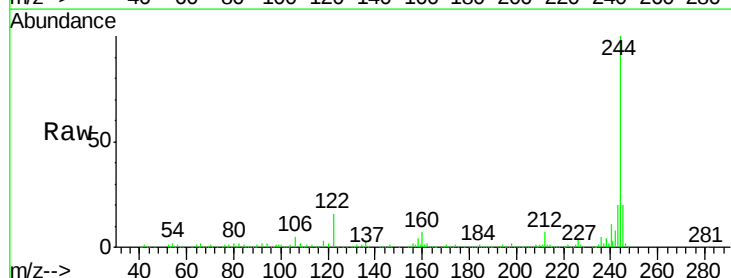
Tgt Ion: 244 Resp: 462721

Ion Ratio Lower Upper

244 100

212 6.9 5.5 8.3

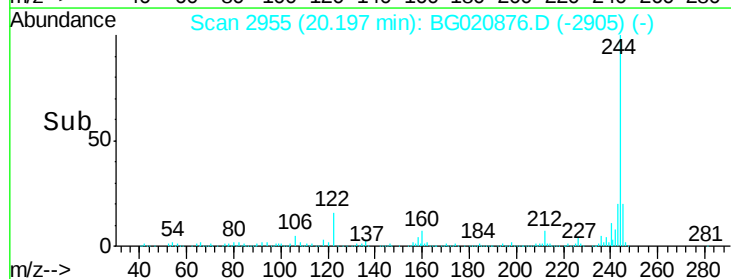
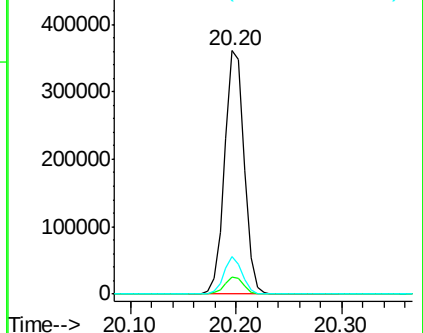
122 15.6 11.4 17.2

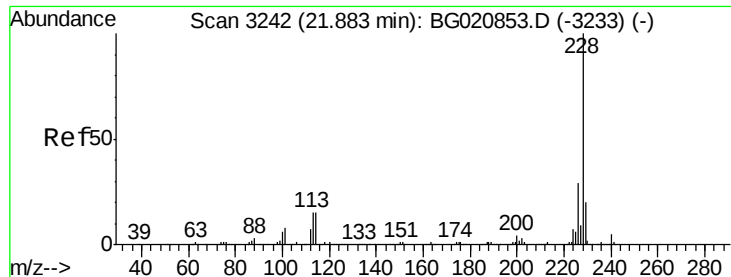


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#80

Benzo(a)anthracene

Concen: 0.03 ng

RT: 21.90 min Scan# 3245

Delta R.T. 0.02 min

Lab File: BG020876.D

Acq: 12 Feb 2016 3:56

Instrument :

BNA_G

ClientSampleId :

HW-47

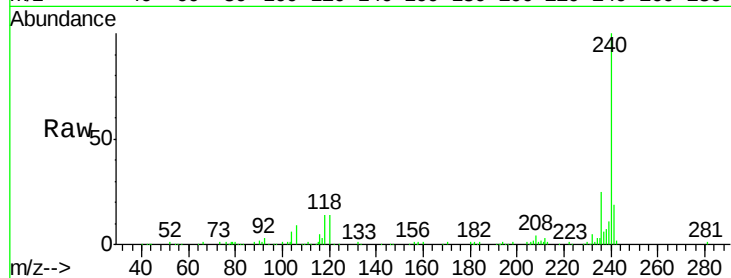
Tgt Ion:228 Resp: 225

Ion Ratio Lower Upper

228 100

226 0.0 23.1 34.7#

229 0.0 16.2 24.2#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

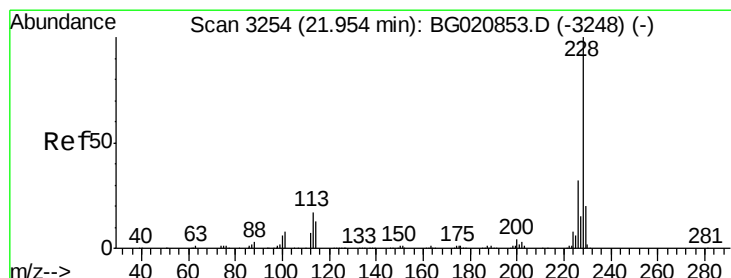
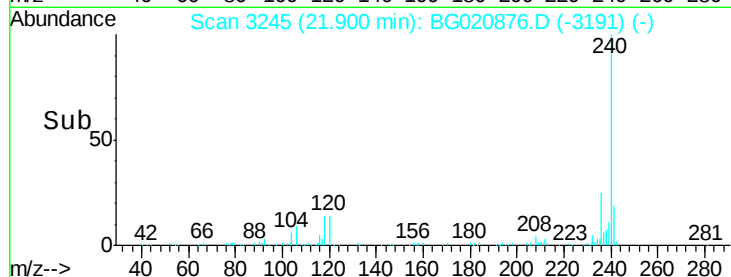
21.90

200

100

0

Time--> 21.86 21.88 21.90 21.92



#82

Chrysene

Concen: 0.04 ng

RT: 21.90 min Scan# 3245

Delta R.T. -0.05 min

Lab File: BG020876.D

Acq: 12 Feb 2016 3:56

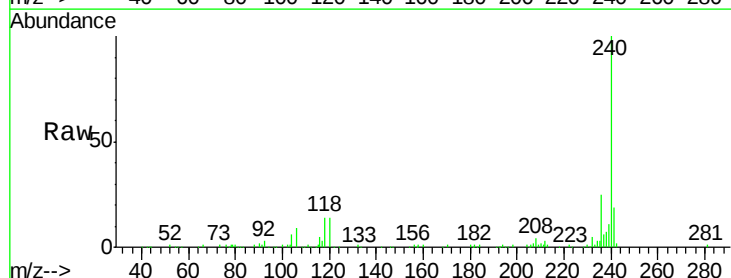
Tgt Ion:228 Resp: 225

Ion Ratio Lower Upper

228 100

226 0.0 25.3 37.9#

229 0.0 16.2 24.2#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

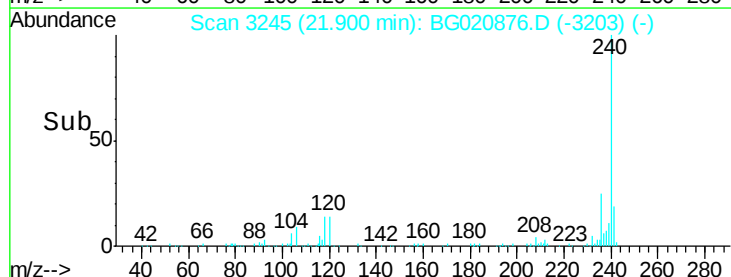
21.90

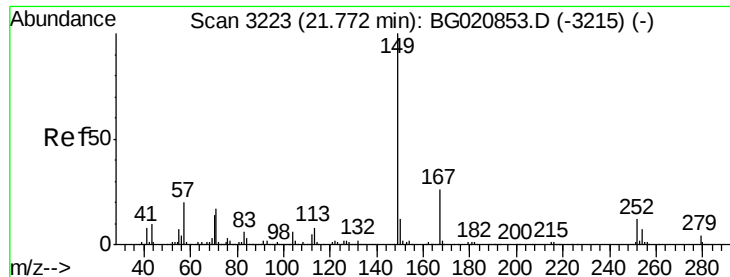
200

100

0

Time--> 21.86 21.88 21.90 21.92

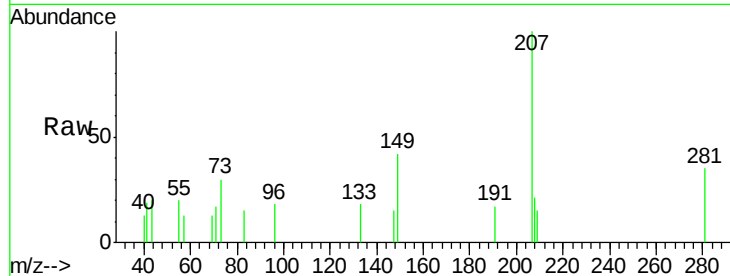




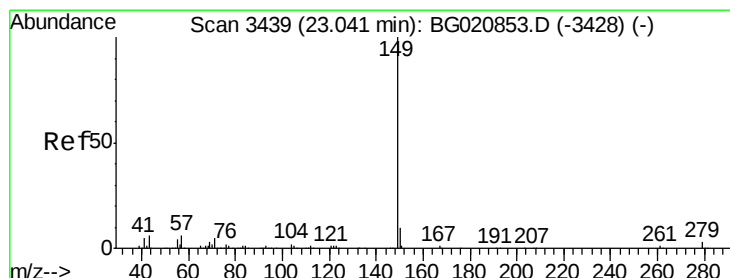
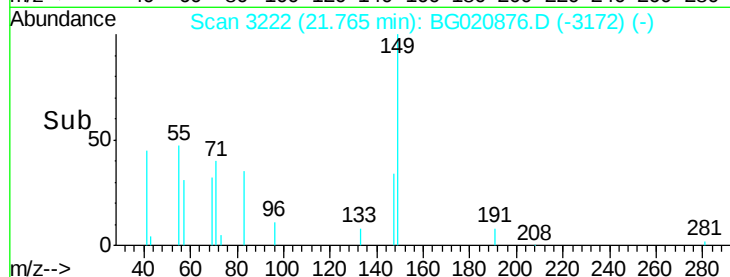
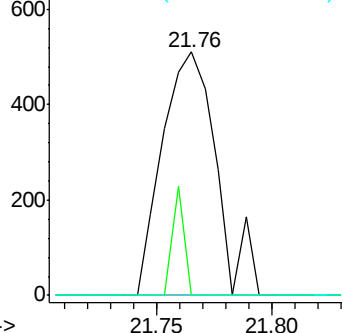
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 0.16 ng
 RT: 21.76 min Scan# 3222
 Delta R.T. -0.01 min
 Lab File: BG020876.D
 Acq: 12 Feb 2016 3:56

Instrument :
 BNA_G
 ClientSampleId :
 HW-47

Tgt Ion:149 Resp: 832
 Ion Ratio Lower Upper
 149 100
 167 0.0 20.9 31.3#
 279 0.0 3.0 4.4#

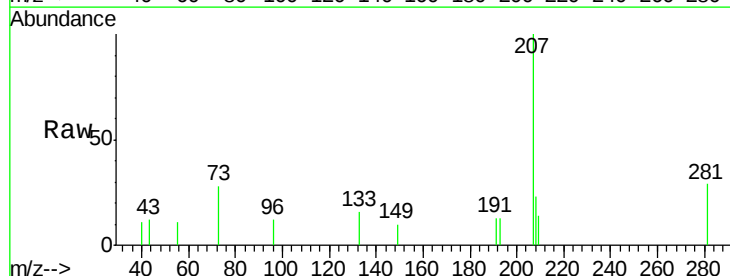


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

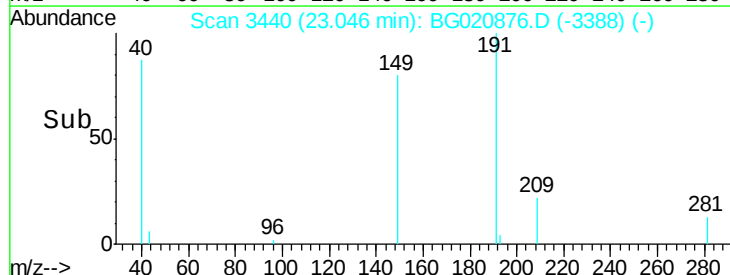
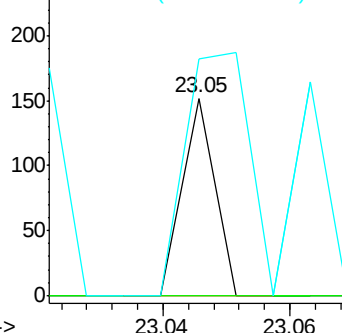


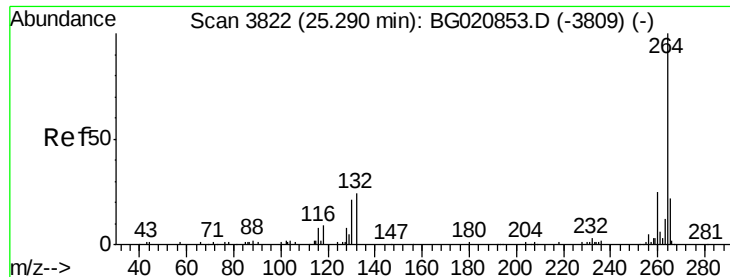
#84
 Di-n-octyl phthalate
 Concen: 0.01 ng
 RT: 23.05 min Scan# 3440
 Delta R.T. 0.01 min
 Lab File: BG020876.D
 Acq: 12 Feb 2016 3:56

Tgt Ion:149 Resp: 54
 Ion Ratio Lower Upper
 149 100
 167 0.0 1.2 1.8#
 43 240.7 5.1 7.7#



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): BG0

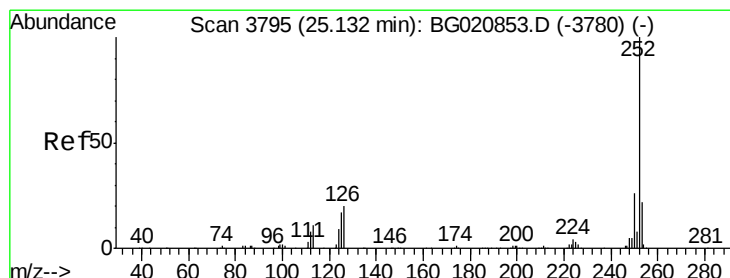
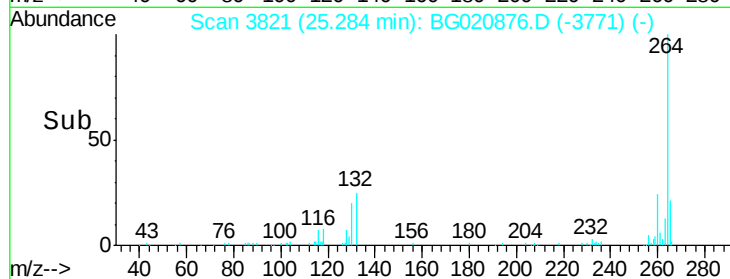
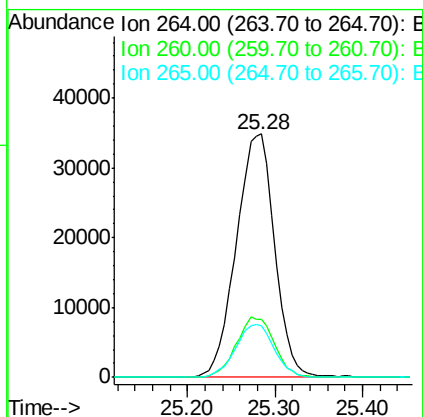
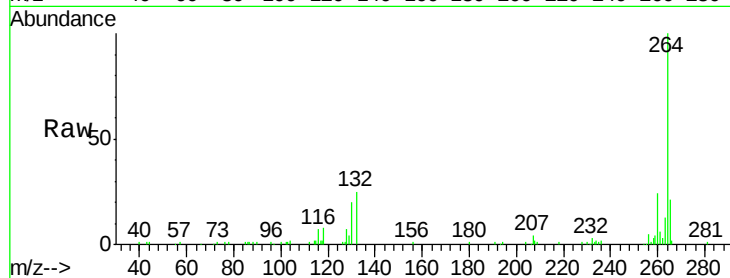




#86
Perylene-d12
Concen: 20.00 ng
RT: 25.28 min Scan# 3821
Delta R.T. -0.01 min
Lab File: BG020876.D
Acq: 12 Feb 2016 3:56

Instrument :
BNA_G
ClientSampleId :
HW-47

Tgt Ion:264 Resp: 103766
Ion Ratio Lower Upper
264 100
260 24.0 19.9 29.9
265 21.0 18.0 27.0



#89
Benzo(a)pyrene
Concen: 0.01 ng
RT: 25.28 min Scan# 3820
Delta R.T. 0.15 min
Lab File: BG020876.D
Acq: 12 Feb 2016 3:56

Tgt Ion:252 Resp: 59
Ion Ratio Lower Upper
252 100
253 0.0 17.4 26.2#
125 0.0 13.6 20.4#

