

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051216\
 Data File : BG021877.D
 Acq On : 12 May 2016 20:35
 Operator : UM/SJ
 Sample : H2936-15
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9WK4

Quant Time: May 13 05:02:06 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG050916.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 13 04:58:59 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	55654	20.00	ng/ul	0.00
18) Naphthalene-d8	10.61	136	4742	20.00	ng/ul	-0.38
36) Acenaphthene-d10	14.24	164	7540	20.00	ng/ul	-0.55
62) Phenanthrene-d10	16.74	188	403	20.00	ng/ul	-0.80
76) Chrysene-d12	20.82	240	584	20.00	ng/ul	-1.00
84) Perylene-d12	24.00	264	513	20.00	ng/ul	-1.17

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.55	96	5833	5.06	ng/uL	0.00
5) Phenol-d5	7.32	99	146915	35.58	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.49	67	66681	32.56	ng/ul	0.00
9) 2-Chlorophenol-d4	7.70	132	132591	41.37	ng/ul	0.00
13) 4-Methylphenol-d8	8.87	113	132492	38.20	ng/ul	0.00
19) Nitrobenzene-d5	9.34	128	66986	2148.66	ng/ul	0.00
22) 2-Nitrophenol-d4	10.07	143	75607	3839.48	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.61	165	140809	2528.93	ng/ul	0.00
29) 4-Chloroaniline-d4	10.61	131	3700	61.68	ng/ul	-0.52
44) Dimethylphthalate-d6	0.00	166	0	0.00	ng/ul	
47) Acenaphthylene-d8	0.00	160	0	0.00	ng/ul	
52) 4-Nitrophenol-d4	14.81	143	74	0.82	ng/ul	-0.18
58) Fluorene-d10	15.15	176	314	0.56	ng/ul	-0.63
63) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
71) Anthracene-d10	16.74	188	403	20.54	ng/ul	-0.90
77) Pyrene-d10	19.04	212	217	7.94	ng/ul	-0.87
88) Benzo(a)pyrene-d12	23.79	264	187	7.67	ng/ul	-1.15

Target Compounds

					Qvalue
4) Benzaldehyde	7.31	77	568	1.27	ng/ul# 47
20) Nitrobenzene	9.01	77	2303	38.21	ng/ul# 47
21) Isophorone	9.57	82	185	1.32	ng/ul# 69
30) 4-Chloroaniline	11.05	127	2060	33.92	ng/ul# 26
32) Caprolactam	11.15	113	67	2.79	ng/ul# 20
34) 2-Methylnaphthalene	12.63	142	9192	52.50	ng/ul 100
35) 1-Methylnaphthalene	12.63	142	9608	55.33	ng/ul 93
46) 2,6-Dinitrotoluene	14.24	165	1076	10.11	ng/ul# 31
49) 3-Nitroaniline	14.19	138	21610	179.06	ng/ul# 91
53) 4-Nitrophenol	14.48	109	192	4.64	ng/ul# 41
54) Dibenzofuran	14.20	168	5000	6.97	ng/ul 97
55) 2,4-Dinitrotoluene	14.80	165	25901	175.74	ng/ul# 26
59) Fluorene	15.66	166	1375	2.22	ng/ul# 82
65) N-Nitrosodiphenylamine	15.26	169	412	35.01	ng/ul# 62
68) Atrazine	16.19	200	229	67.73	ng/ul# 35
70) Phenanthrene	16.81	178	325	14.75	ng/ul# 1
72) Anthracene	16.88	178	986	44.06	ng/ul# 1
73) Carbazole	17.11	167	848	43.70	ng/ul# 58
74) Di-n-butylphthalate	17.65	149	219	12.42	ng/ul# 1
75) Fluoranthene	18.72	202	707	28.24	ng/ul# 2
78) Pyrene	19.02	202	247	7.31	ng/ul# 1
79) Butylbenzylphthalate	19.85	149	334	44.72	ng/ul# 78
80) 3,3'-Dichlorobenzidine	20.72	252	66	6.84	ng/ul# 32

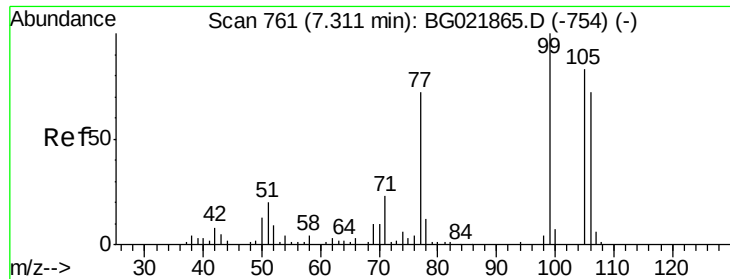
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051216\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
81) Benzo(a)anthracene	20.80	228	112	3.45	ng/ul#	1
82) Bis(2-ethylhexyl)phthalate	20.70	149	227	18.62	ng/ul#	64
83) Chrysene	20.88	228	546	16.98	ng/ul#	1
85) Di-n-octyl phthalate	21.87	149	870	41.14	ng/ul	100
86) Benzo(b)fluoranthene	22.94	252	224	7.63	ng/ul#	1
87) Benzo(k)fluoranthene	23.02	252	4312	137.17	ng/ul#	1
89) Benzo(a)pyrene	23.73	252	8582	293.59	ng/ul#	1
90) Indeno(1,2,3-cd)pyrene	27.63	276	87	2.51	ng/ul#	1
91) Dibenzo(a,h)anthracene	27.72	278	1336	46.34	ng/ul#	1
92) Benzo(g,h,i)perylene	28.72	276	2621	91.67	ng/ul#	73

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



#4

Benzaldehyde

Concen: 1.27 ng/ul

RT: 7.31 min Scan# 761

Delta R.T. 0.00 min

Lab File: BG021877.D

Acq: 12 May 2016 20:35

Instrument :

BNA_G

ClientSampleId :

D9WK4

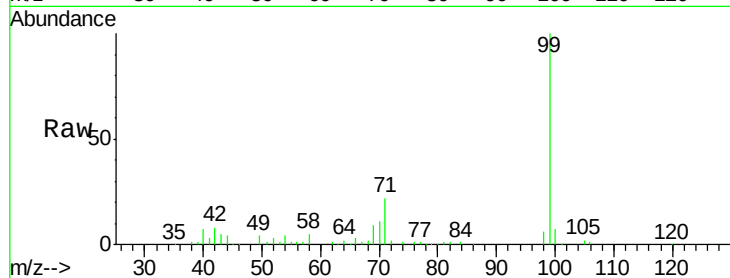
Tgt Ion: 77 Resp: 568

Ion Ratio Lower Upper

77 100

105 151.5 68.5 102.7#

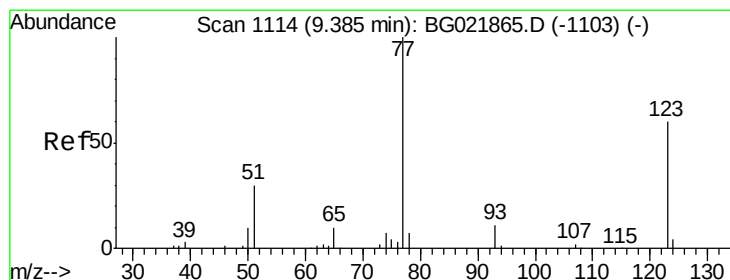
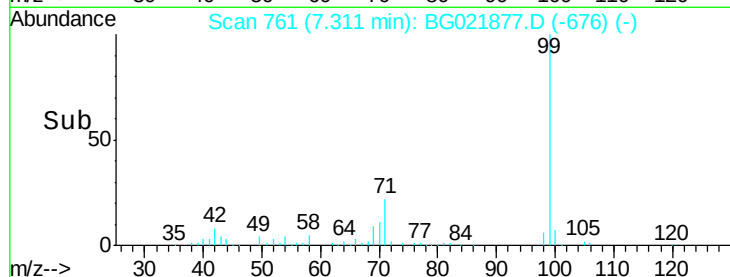
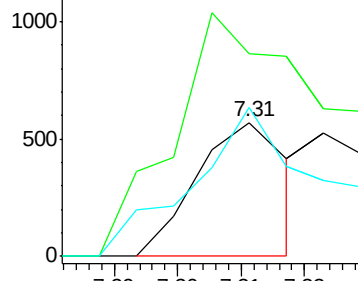
106 111.4 65.0 97.4#



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



#20

Nitrobenzene

Concen: 38.21 ng/ul

RT: 9.01 min Scan# 1050

Delta R.T. -0.38 min

Lab File: BG021877.D

Acq: 12 May 2016 20:35

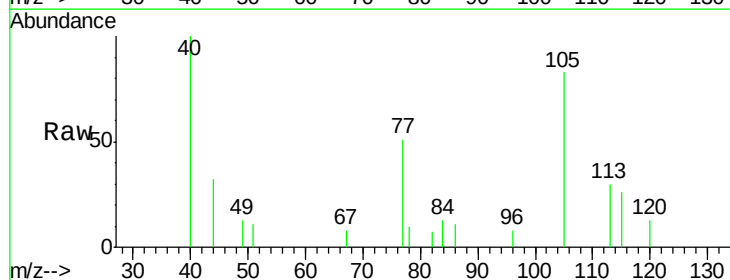
Tgt Ion: 77 Resp: 2303

Ion Ratio Lower Upper

77 100

123 0.0 28.4 42.6#

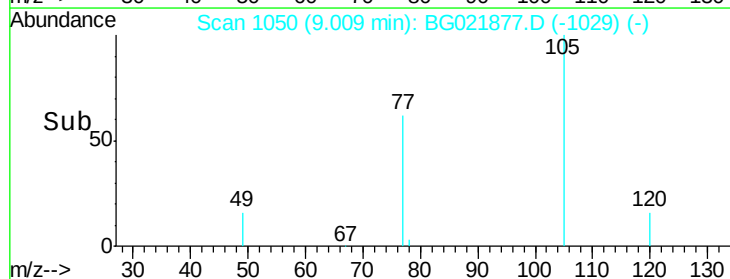
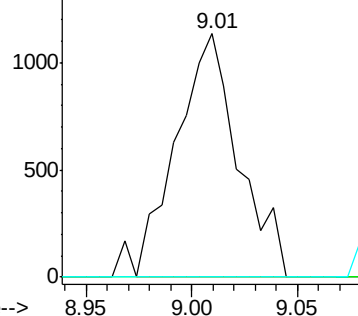
65 0.0 11.0 16.6#

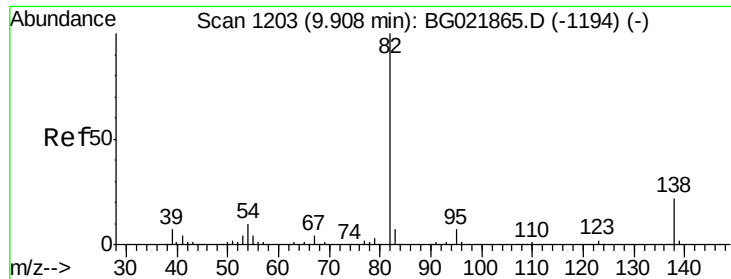


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 123.00 (122.70 to 123.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#21

Isophorone

Concen: 1.32 ng/ul

RT: 9.57 min Scan# 1145

Delta R.T. -0.34 min

Lab File: BG021877.D

Acq: 12 May 2016 20:35

Instrument :

BNA_G

ClientSampleId :

D9WK4

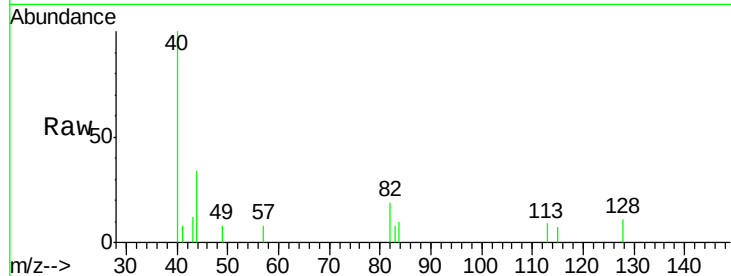
Tgt Ion: 82 Resp: 185

Ion Ratio Lower Upper

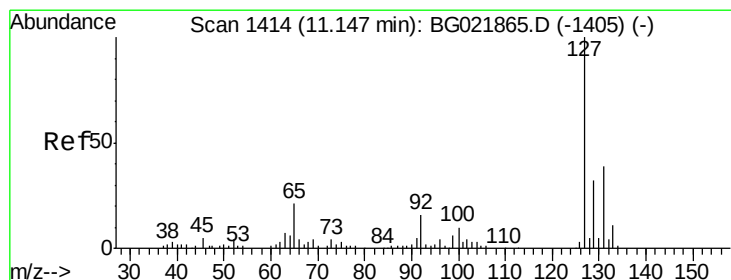
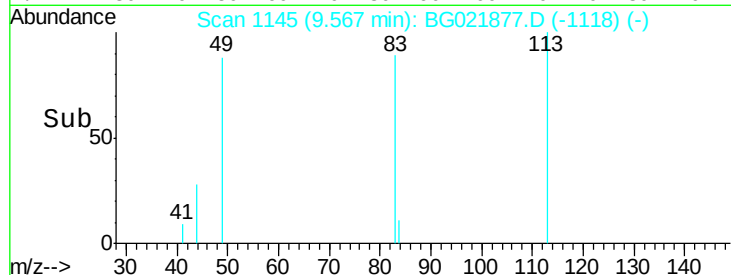
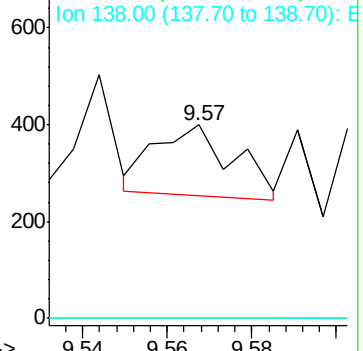
82 100

95 0.0 5.8 8.8#

138 0.0 12.2 18.2#



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#30

4-Chloroaniline

Concen: 33.92 ng/ul

RT: 11.05 min Scan# 1397

Delta R.T. -0.10 min

Lab File: BG021877.D

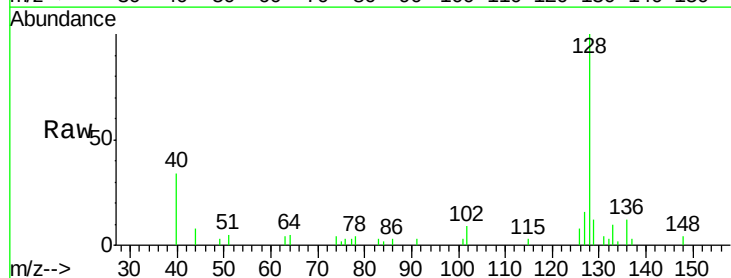
Acq: 12 May 2016 20:35

Tgt Ion: 127 Resp: 2060

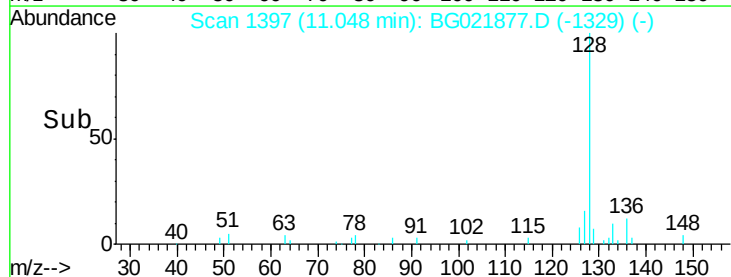
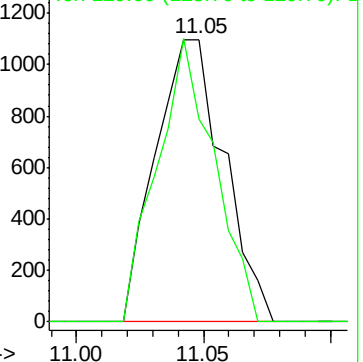
Ion Ratio Lower Upper

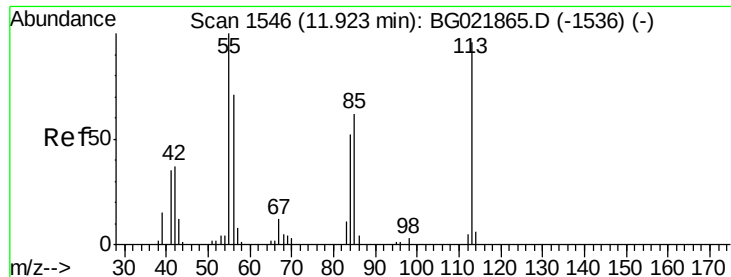
127 100

129 71.9 24.8 37.2#



Abundance Ion 127.00 (126.70 to 127.70): BGC
Ion 129.00 (128.70 to 129.70): BGC





#32

Caprolactam

Concen: 2.79 ng/ul

RT: 11.15 min Scan# 1414

Delta R.T. -0.78 min

Lab File: BG021877.D

Acq: 12 May 2016 20:35

Instrument :

BNA_G

ClientSampleId :

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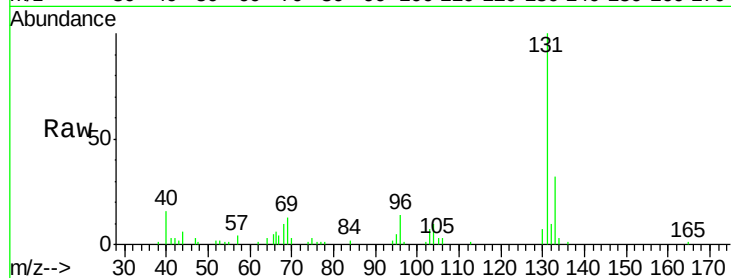
Tgt Ion:113 Resp: 67

Ion Ratio Lower Upper

113 100

55 108.4 155.5 233.3#

56 0.0 105.7 158.5#

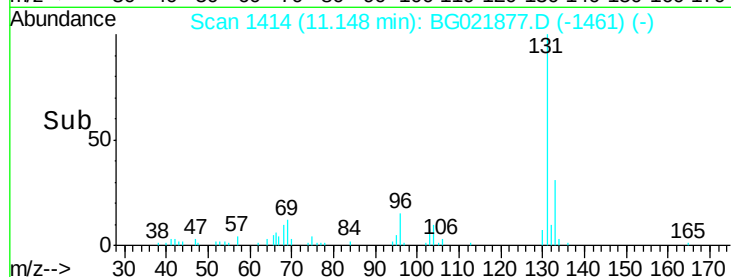


Abundance Ion 113.00 (112.70 to 113.70): E

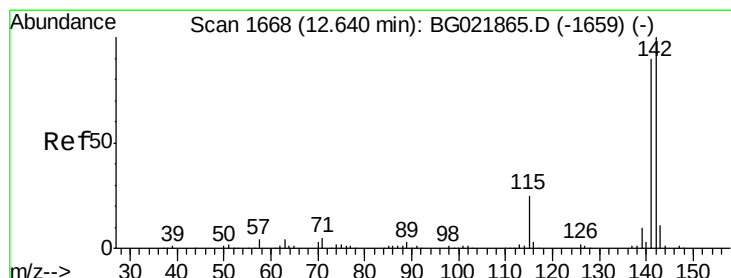
Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0

Time-->



Time-->



#34

2-Methylnaphthalene

Concen: 52.50 ng/ul

RT: 12.63 min Scan# 1667

Delta R.T. -0.01 min

Lab File: BG021877.D

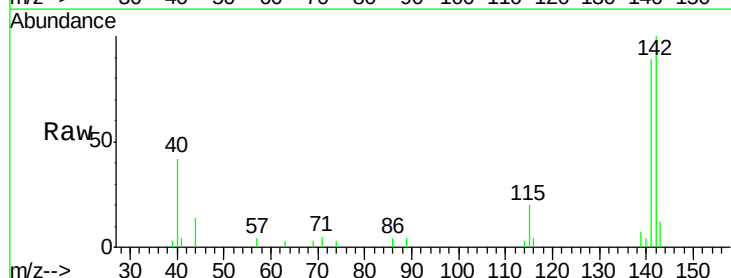
Acq: 12 May 2016 20:35

Tgt Ion:142 Resp: 9192

Ion Ratio Lower Upper

142 100

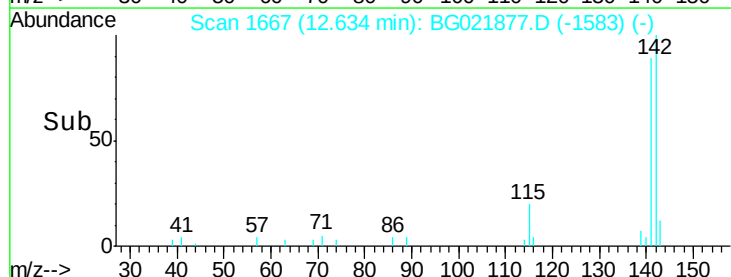
141 89.2 71.3 106.9



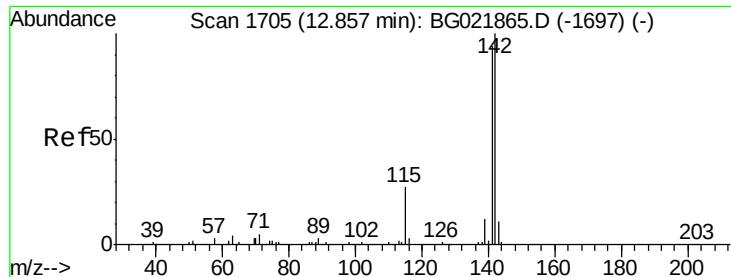
Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Time-->



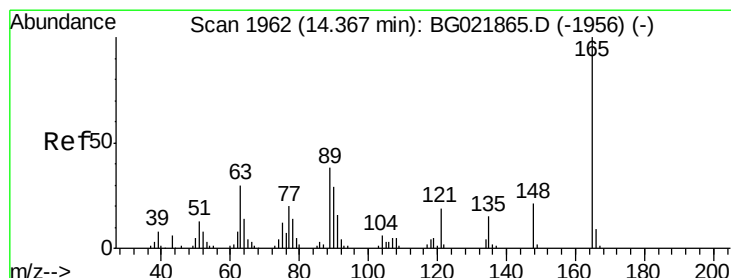
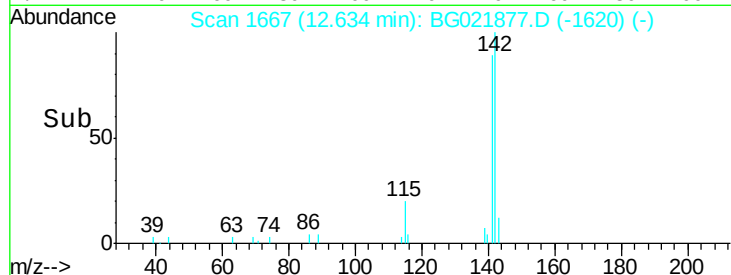
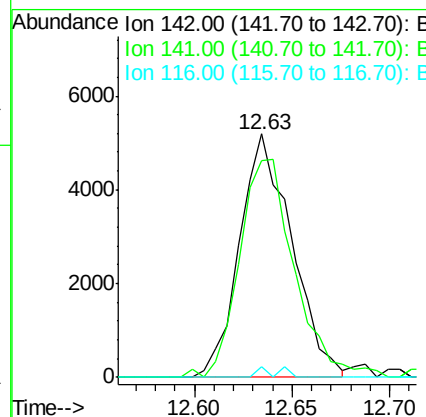
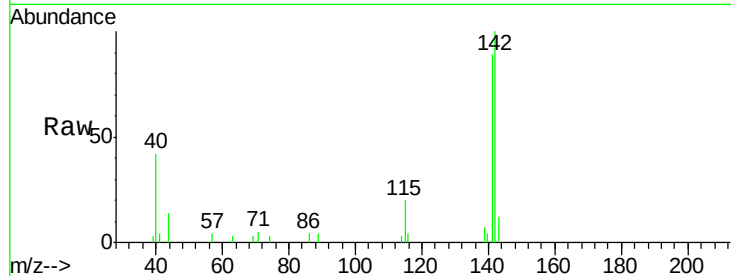
Time-->



#35
 1-Methylnaphthalene
 Concen: 55.33 ng/ul
 RT: 12.63 min Scan# 1667
 Delta R.T. -0.22 min
 Lab File: BG021877.D
 Acq: 12 May 2016 20:35

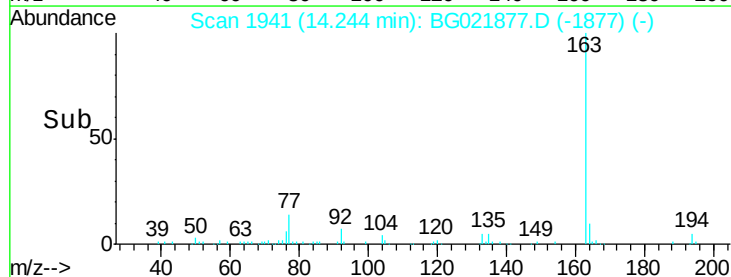
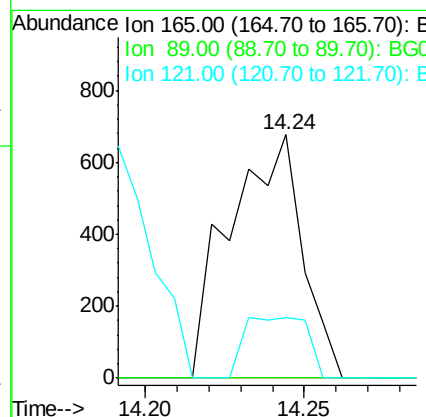
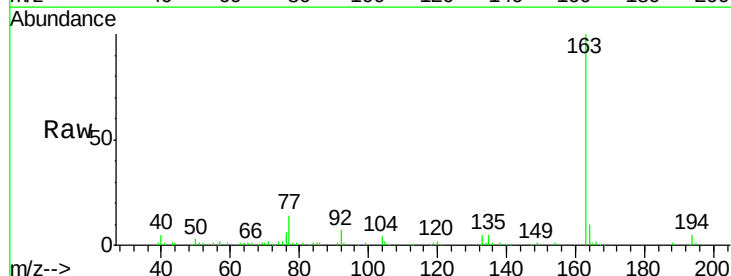
Instrument :
 BNA_G
 ClientSampleId :
 D9WK4

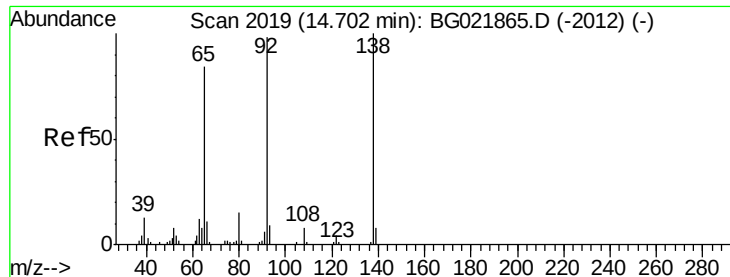
Tgt Ion:142 Resp: 9608
 Ion Ratio Lower Upper
 142 100
 141 89.2 77.0 115.4
 116 4.5 4.2 6.4



#46
 2,6-Dinitrotoluene
 Concen: 10.11 ng/ul
 RT: 14.24 min Scan# 1941
 Delta R.T. -0.12 min
 Lab File: BG021877.D
 Acq: 12 May 2016 20:35

Tgt Ion:165 Resp: 1076
 Ion Ratio Lower Upper
 165 100
 89 0.0 64.6 96.8#
 121 25.0 20.4 30.6





#49

3-Nitroaniline

Concen: 179.06 ng/ul

RT: 14.19 min Scan# 1932

Delta R.T. -0.51 min

Lab File: BG021877.D

Acq: 12 May 2016 20:35

Instrument :

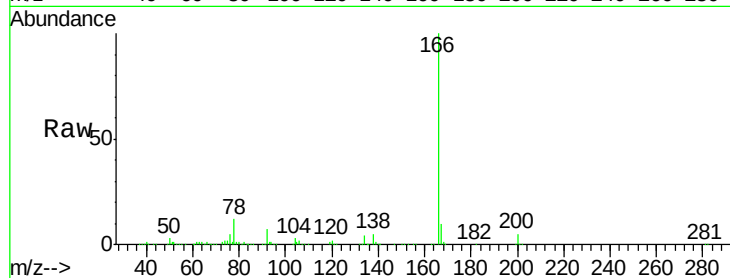
BNA_G

ClientSampleId :

D9WK4

Tgt Ion:138 Resp: 21610

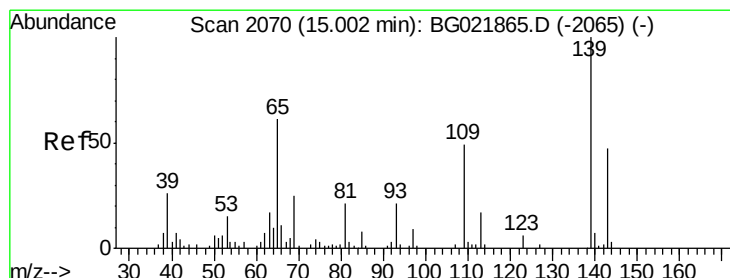
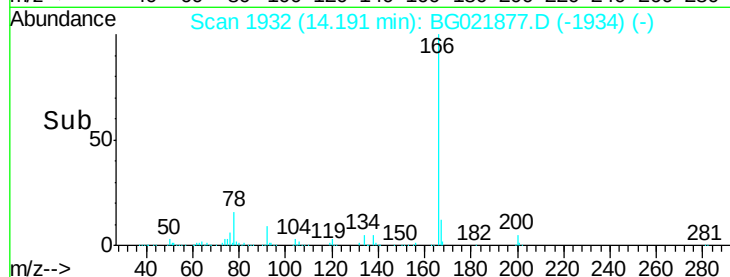
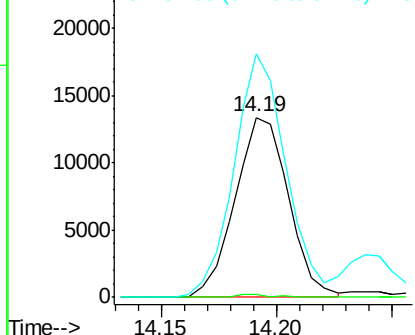
Ion	Ratio	Lower	Upper
138	100		
108	1.3	11.0	16.4#
92	135.5	115.5	173.3



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#53

4-Nitrophenol

Concen: 4.64 ng/ul

RT: 14.48 min Scan# 1981

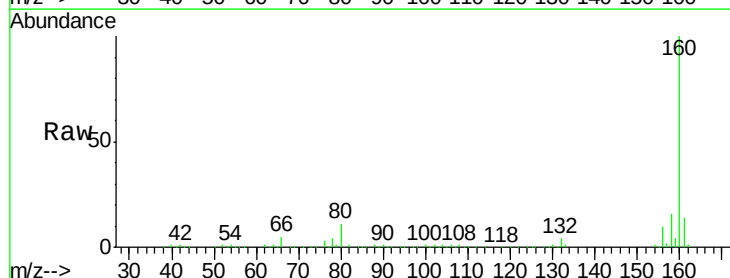
Delta R.T. -0.52 min

Lab File: BG021877.D

Acq: 12 May 2016 20:35

Tgt Ion:109 Resp: 192

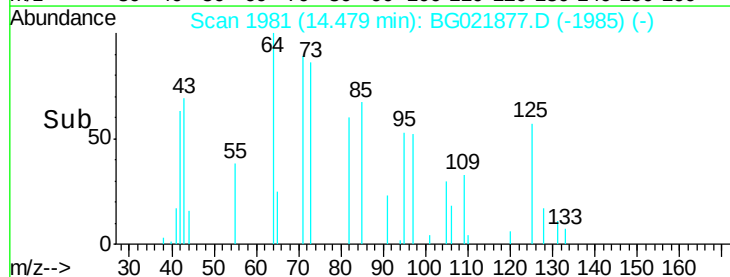
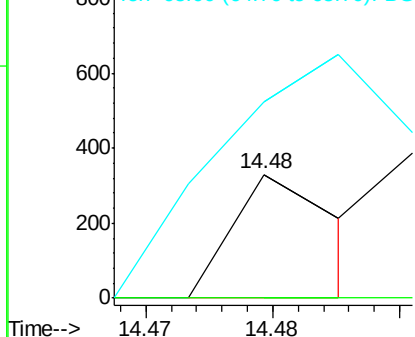
Ion	Ratio	Lower	Upper
109	100		
139	0.0	75.9	113.9#
65	158.5	99.8	149.8#

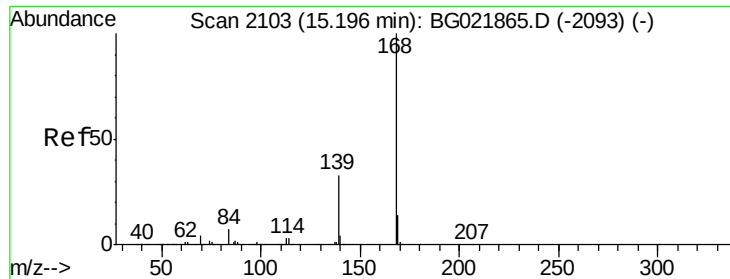


Abundance Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BGC





#54

Dibenzenofuran

Concen: 6.97 ng/ul

RT: 14.20 min Scan# 1933

Delta R.T. -1.00 min

Lab File: BG021877.D

Acq: 12 May 2016 20:35

Instrument :

BNA_G

ClientSampleId :

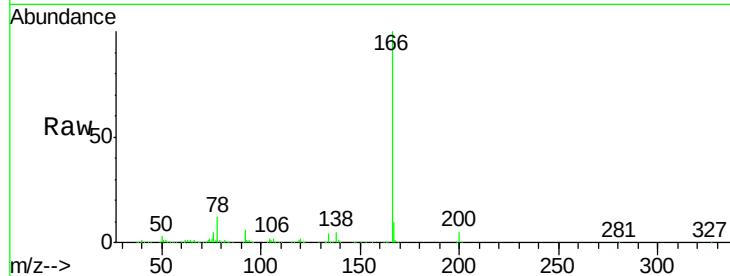
D9WK4

Tgt Ion:168 Resp: 5000

Ion Ratio Lower Upper

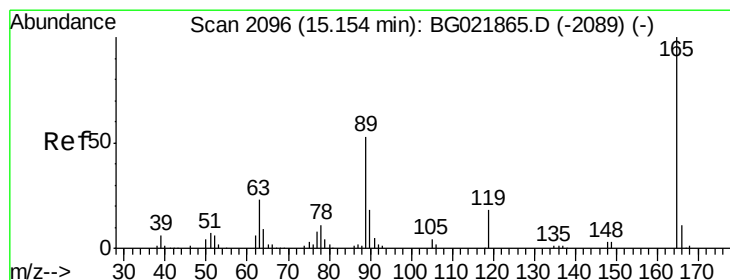
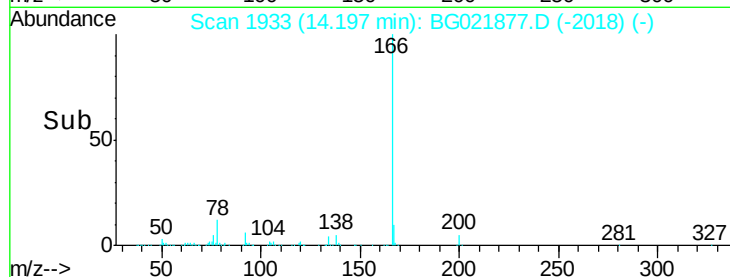
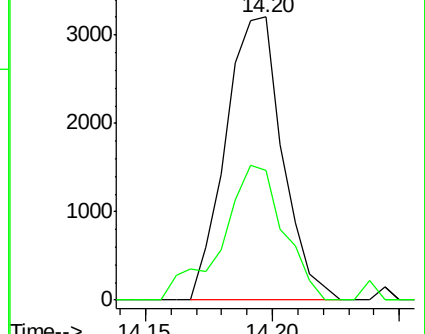
168 100

139 45.7 35.2 52.8



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E



#55

2,4-Dinitrotoluene

Concen: 175.74 ng/ul

RT: 14.80 min Scan# 2035

Delta R.T. -0.36 min

Lab File: BG021877.D

Acq: 12 May 2016 20:35

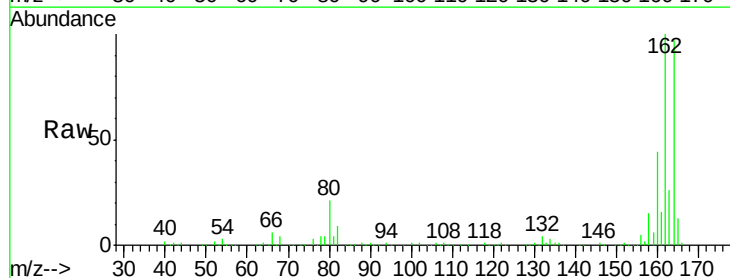
Tgt Ion:165 Resp: 25901

Ion Ratio Lower Upper

165 100

63 1.6 48.1 72.1#

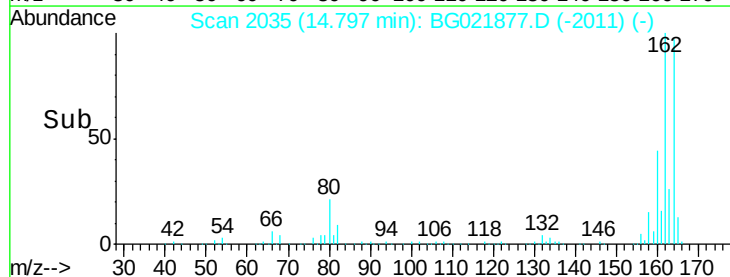
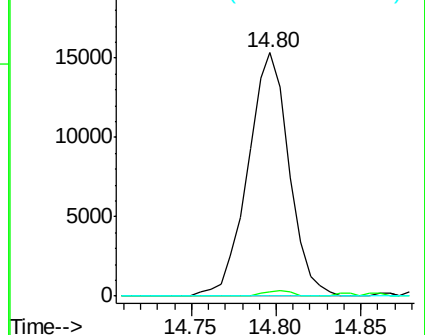
182 0.0 2.2 3.2#

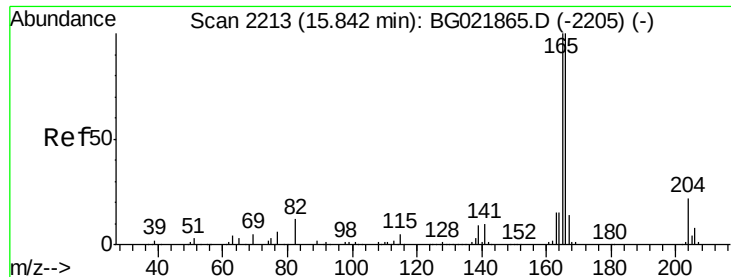


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 182.00 (181.70 to 182.70): E





#59

Fluorene

Concen: 2.22 ng/ul

RT: 15.66 min Scan# 2182

Delta R.T. -0.18 min

Lab File: BG021877.D

Acq: 12 May 2016 20:35

Instrument :

BNA_G

ClientSampleId :

D9WK4

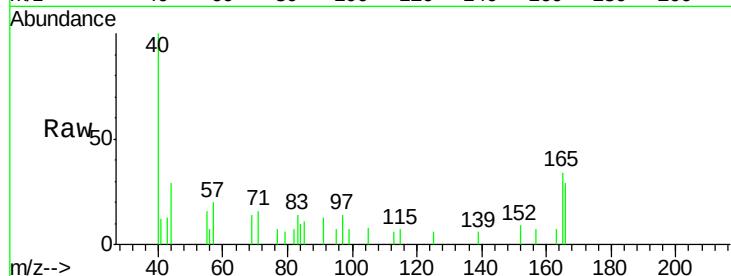
Tgt Ion:166 Resp: 1375

Ion Ratio Lower Upper

166 100

165 117.9 81.1 121.7

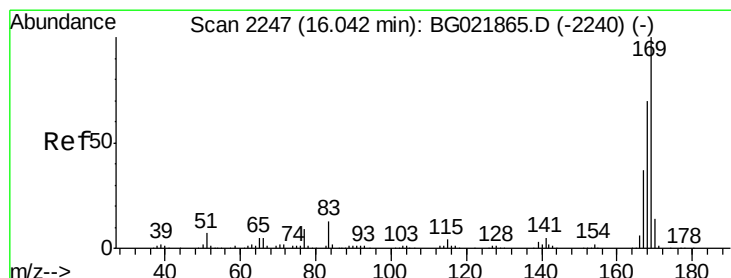
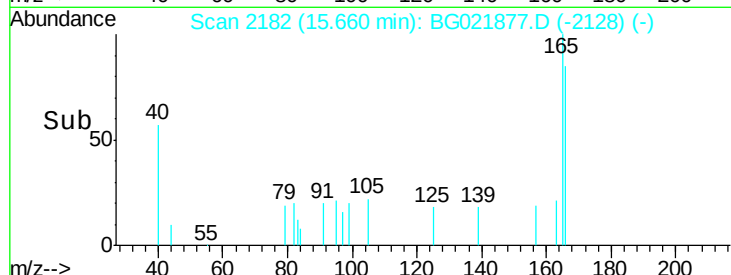
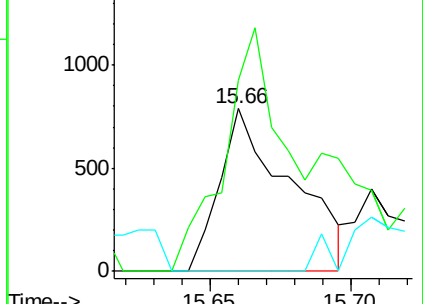
167 0.0 10.6 16.0#



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#65

N-Nitrosodiphenylamine

Concen: 35.01 ng/ul

RT: 15.26 min Scan# 2114

Delta R.T. -0.78 min

Lab File: BG021877.D

Acq: 12 May 2016 20:35

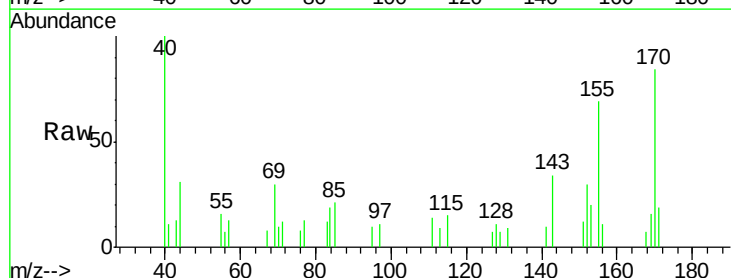
Tgt Ion:169 Resp: 412

Ion Ratio Lower Upper

169 100

168 44.2 51.2 76.8#

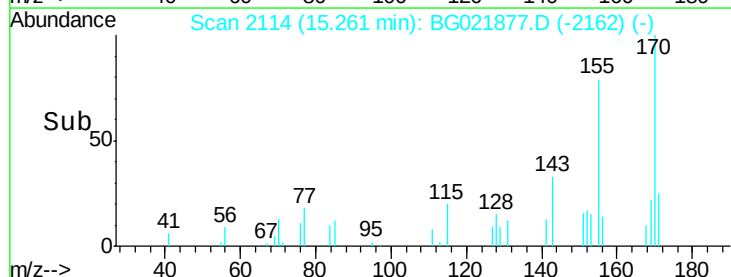
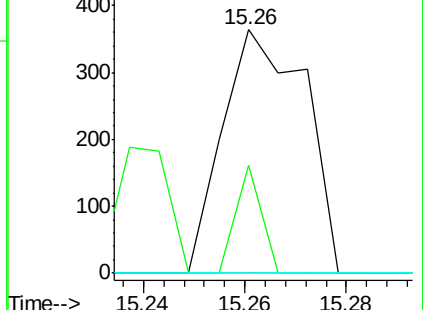
167 0.0 28.6 43.0#

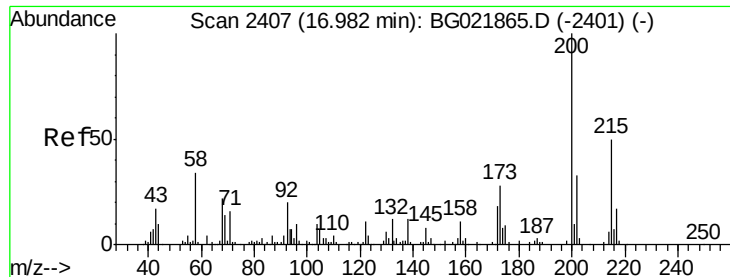


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#68

Atrazine

Concen: 67.73 ng/ul

RT: 16.19 min Scan# 2272

Delta R.T. -0.79 min

Lab File: BG021877.D

Acq: 12 May 2016 20:35

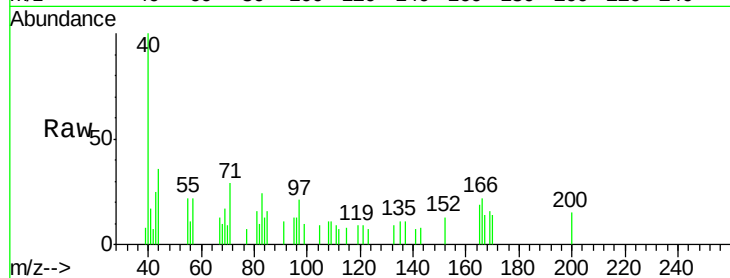
Instrument :

BNA_G

ClientSampleId :

D9WK4

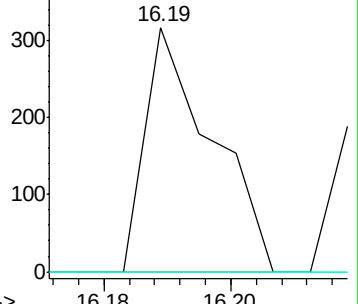
Tgt Ion:	200	Resp:	229
Ion Ratio	Lower	Upper	
200	100		
173	0.0	19.2	28.8#
215	0.0	40.2	60.2#



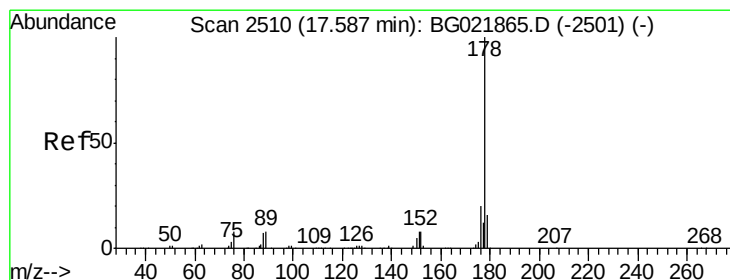
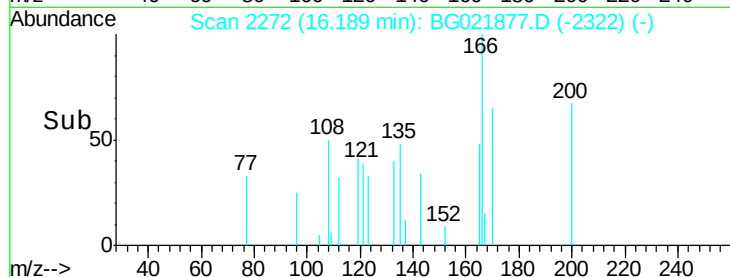
Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



Time-->



#70

Phenanthrene

Concen: 14.75 ng/ul

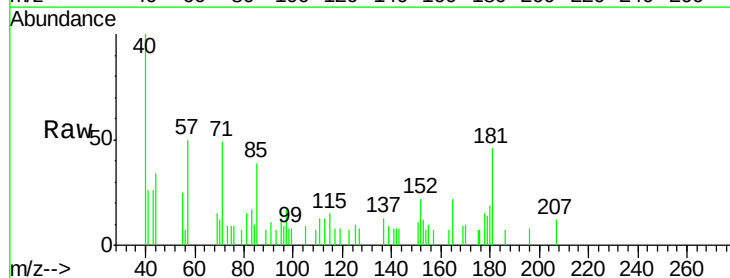
RT: 16.81 min Scan# 2378

Delta R.T. -0.78 min

Lab File: BG021877.D

Acq: 12 May 2016 20:35

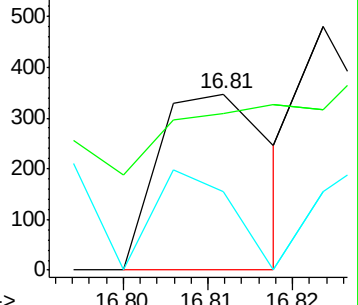
Tgt Ion:	178	Resp:	325
Ion Ratio	Lower	Upper	
178	100		
179	88.8	11.8	17.8#
176	45.0	14.8	22.2#



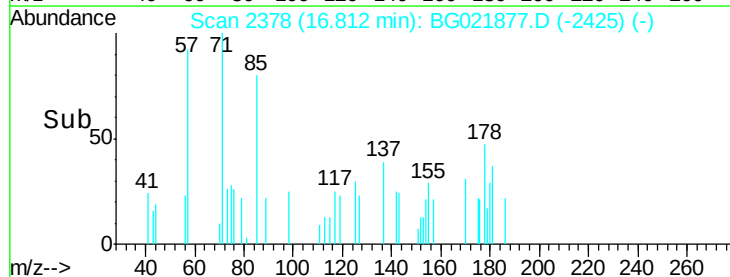
Abundance Ion 178.00 (177.70 to 178.70): E

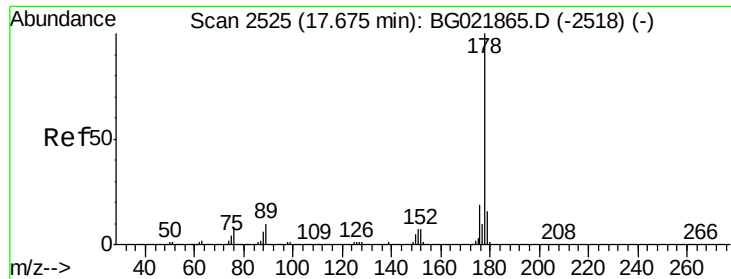
Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



Time-->





#72

Anthracene

Concen: 44.06 ng/ul

RT: 16.88 min Scan# 2390

Delta R.T. -0.79 min

Lab File: BG021877.D

Acq: 12 May 2016 20:35

Instrument :

BNA_G

ClientSampleId :

D9WK4

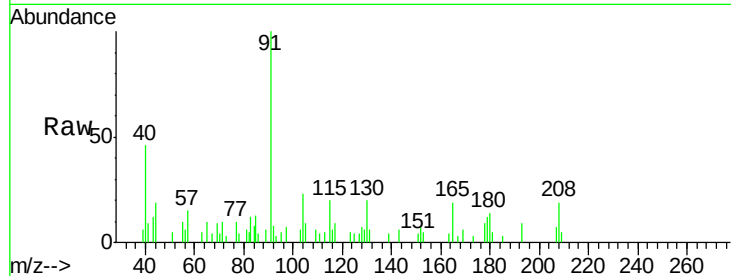
Tgt Ion:178 Resp: 986

Ion Ratio Lower Upper

178 100

179 131.5 12.9 19.3#

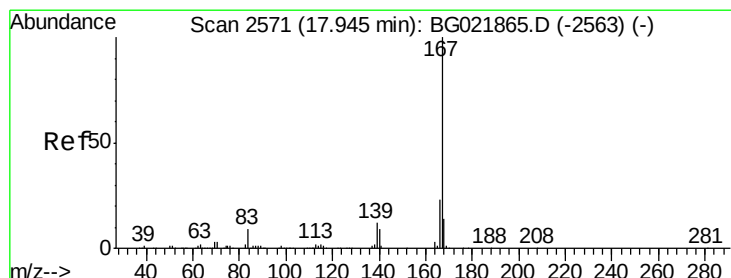
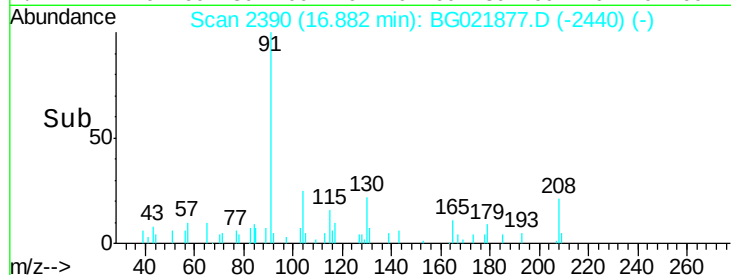
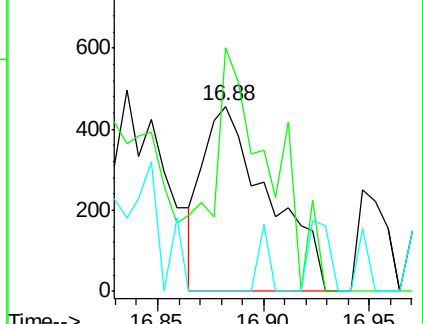
176 0.0 15.6 23.4#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#73

Carbazole

Concen: 43.70 ng/ul

RT: 17.11 min Scan# 2429

Delta R.T. -0.83 min

Lab File: BG021877.D

Acq: 12 May 2016 20:35

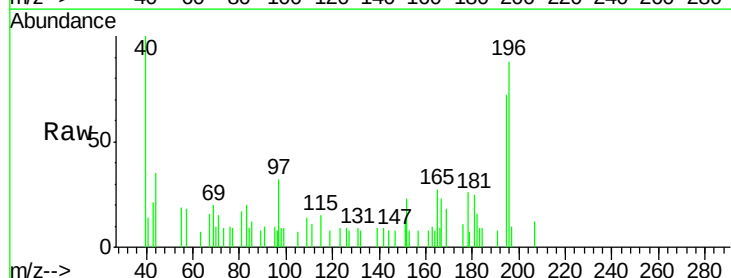
Tgt Ion:167 Resp: 848

Ion Ratio Lower Upper

167 100

166 38.6 19.0 28.4#

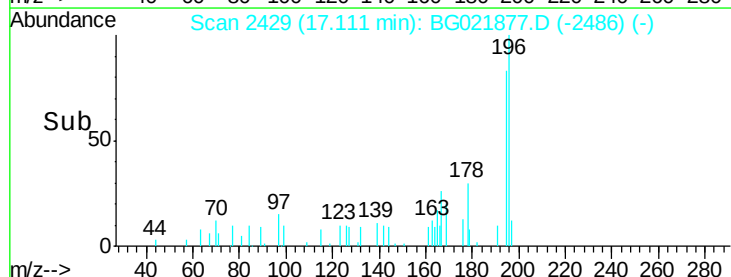
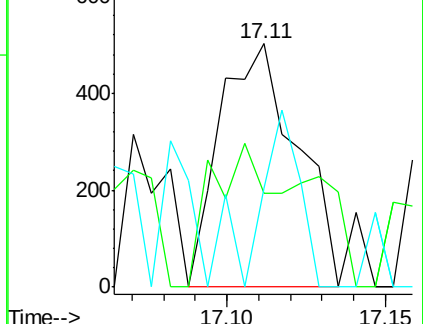
139 40.6 12.2 18.4#

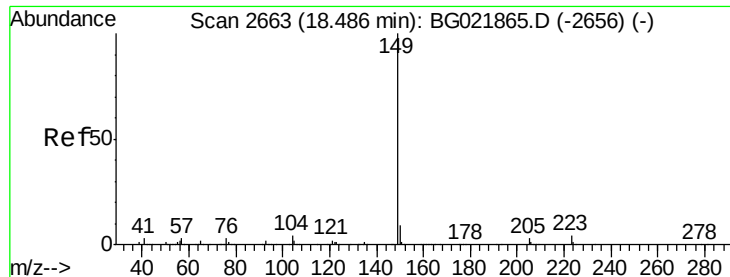


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#74

Di-n-butylphthalate

Concen: 12.42 ng/ul

RT: 17.65 min Scan# 2521

Delta R.T. -0.83 min

Lab File: BG021877.D

Acq: 12 May 2016 20:35

Instrument :

BNA_G

ClientSampleId :

D9WK4

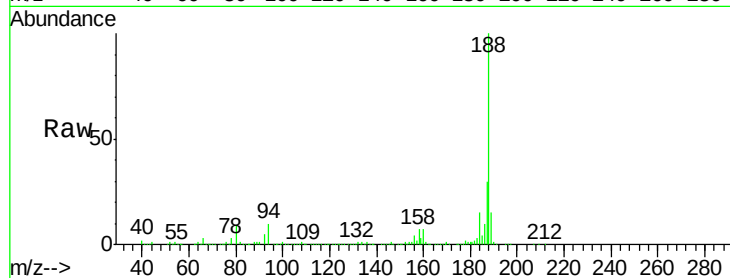
Tgt Ion:149 Resp: 219

Ion Ratio Lower Upper

149 100

150 149.6 7.5 11.3#

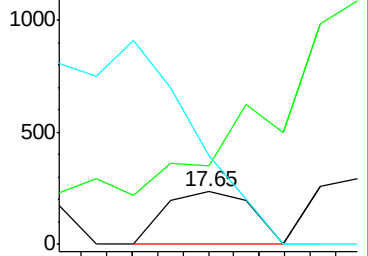
104 168.8 5.4 8.2#



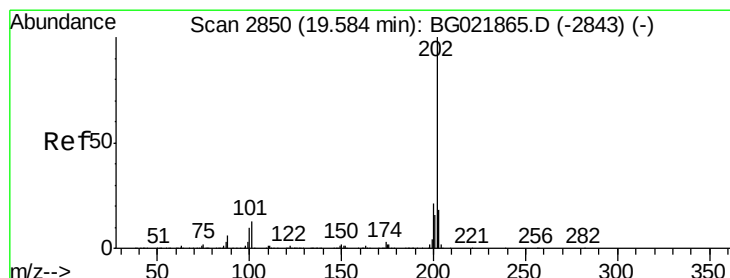
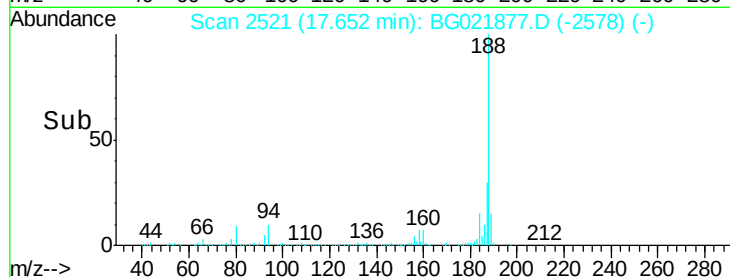
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



Time-->



#75

Fluoranthene

Concen: 28.24 ng/ul

RT: 18.72 min Scan# 2702

Delta R.T. -0.87 min

Lab File: BG021877.D

Acq: 12 May 2016 20:35

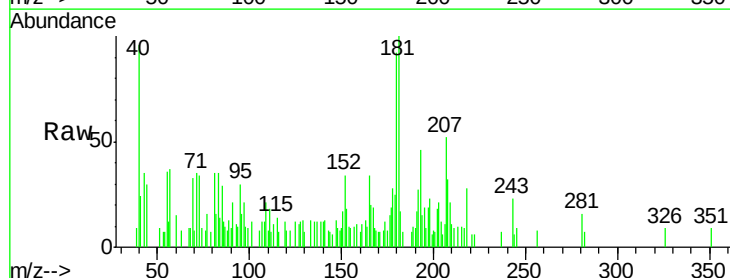
Tgt Ion:202 Resp: 707

Ion Ratio Lower Upper

202 100

101 70.5 8.9 13.3#

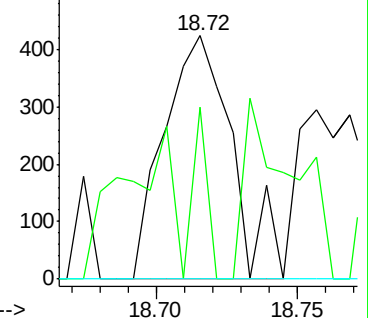
100 0.0 7.0 10.4#



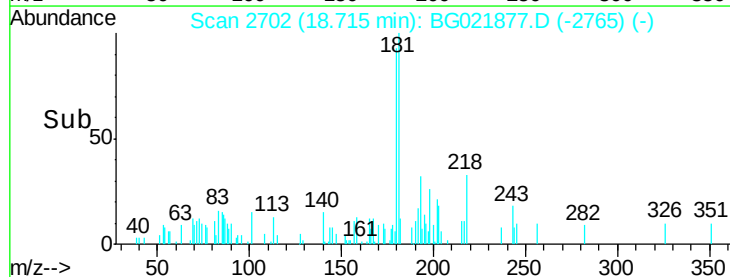
Abundance Ion 202.00 (201.70 to 202.70): E

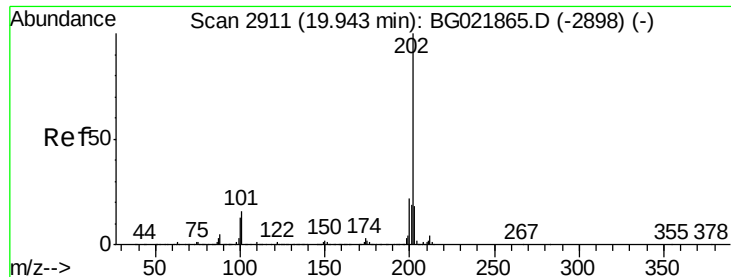
Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E



Time-->





#78

Pyrene

Concen: 7.31 ng/ul

RT: 19.02 min Scan# 2753

Delta R.T. -0.93 min

Lab File: BG021877.D

Acq: 12 May 2016 20:35

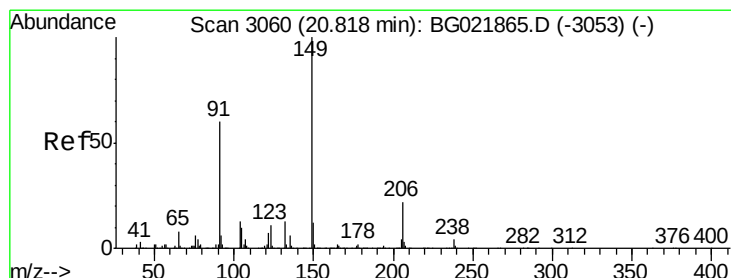
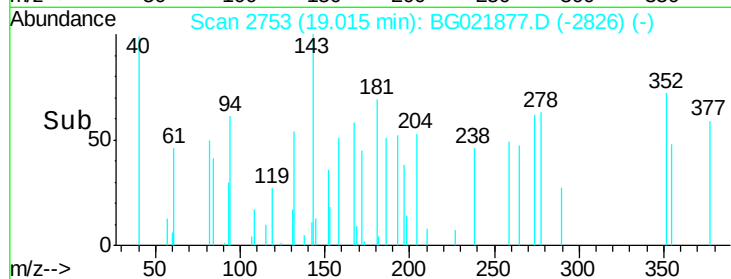
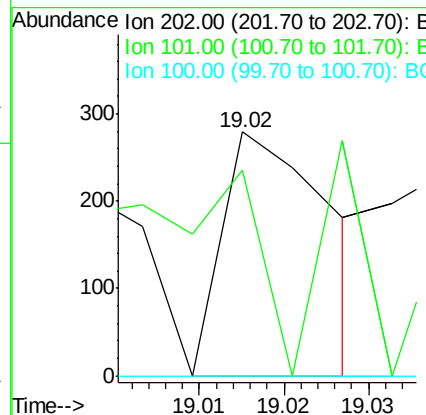
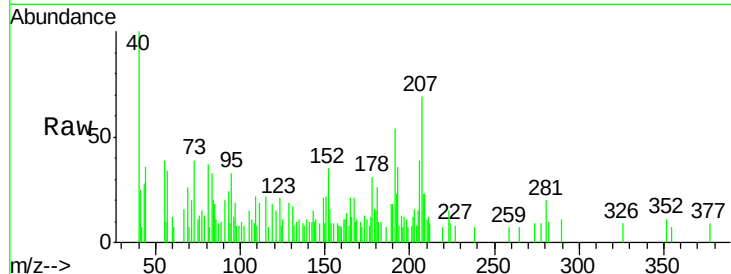
Instrument :

BNA_G

ClientSampleId :

D9WK4

Tgt Ion:	202	Resp:	247
Ion	Ratio	Lower	Upper
202	100		
101	84.2	9.8	14.8#
100	0.0	9.3	13.9#



#79

Butylbenzylphthalate

Concen: 44.72 ng/ul

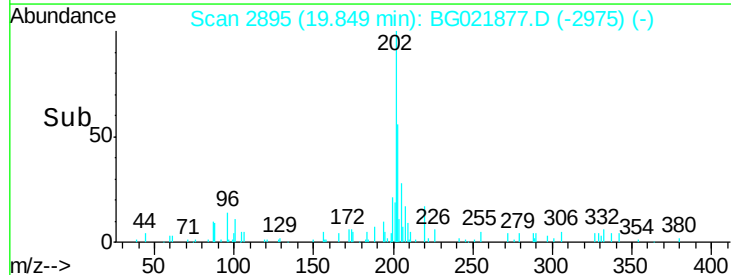
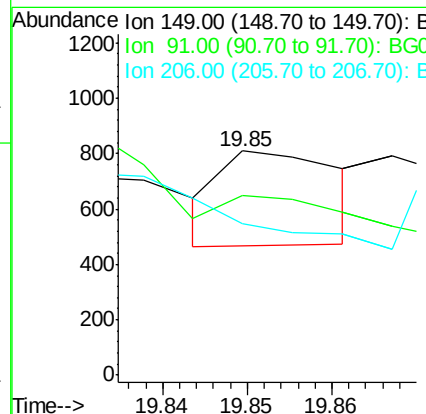
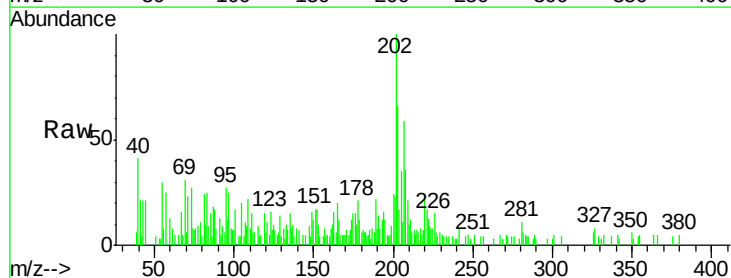
RT: 19.85 min Scan# 2895

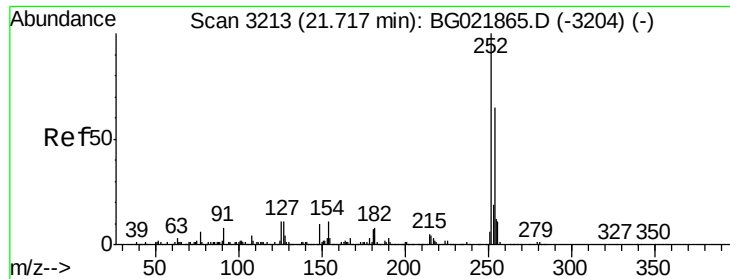
Delta R.T. -0.97 min

Lab File: BG021877.D

Acq: 12 May 2016 20:35

Tgt Ion:	149	Resp:	334
Ion	Ratio	Lower	Upper
149	100		
91	80.0	65.8	98.8
206	67.8	15.5	23.3#

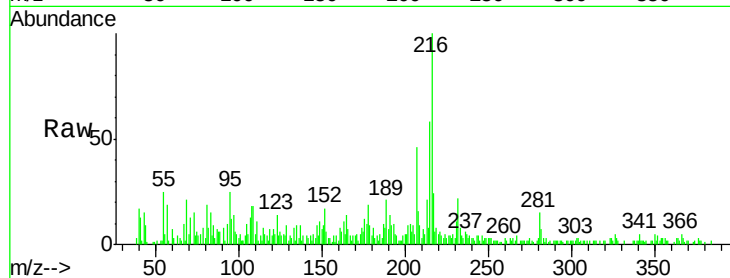




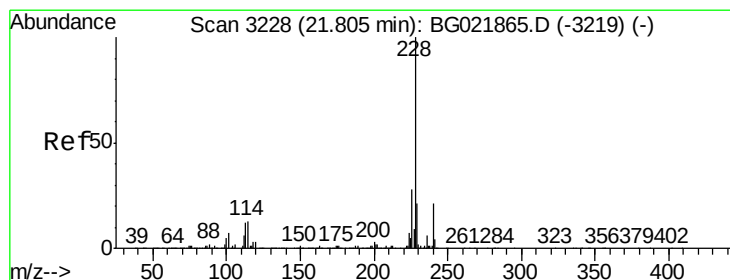
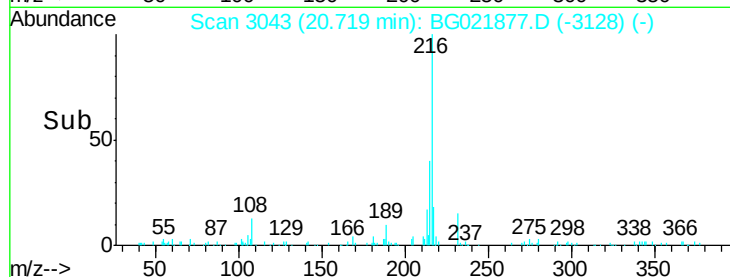
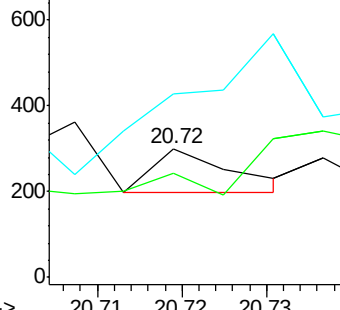
#80
 3,3'-Dichlorobenzidine
 Concen: 6.84 ng/ul
 RT: 20.72 min Scan# 3043
 Delta R.T. -1.00 min
 Lab File: BG021877.D
 Acq: 12 May 2016 20:35

Instrument :
 BNA_G
 ClientSampleId :
 D9WK4

Tgt Ion:252 Resp: 66
 Ion Ratio Lower Upper
 252 100
 254 80.7 52.8 79.2#
 126 143.0 9.8 14.8#

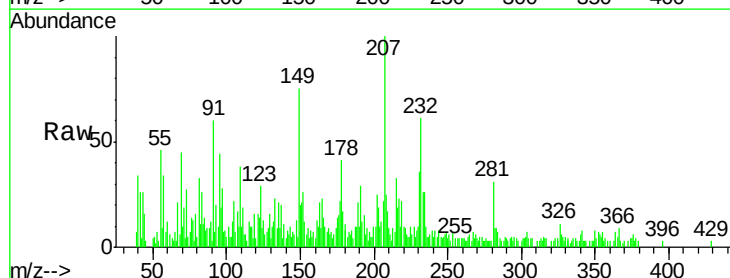


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

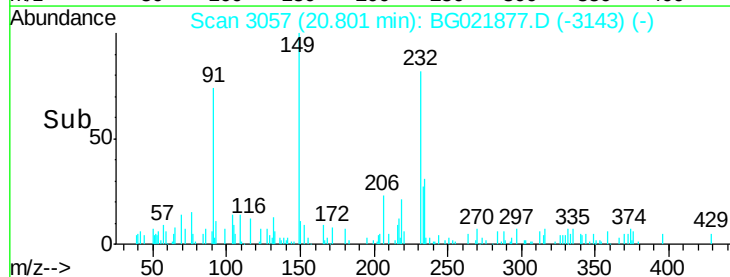
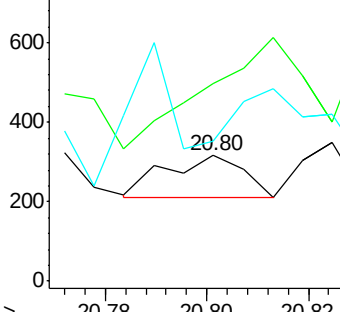


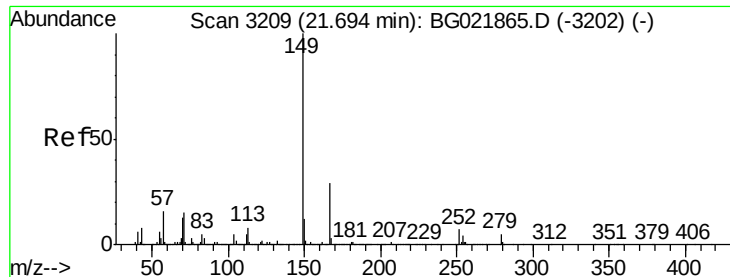
#81
 Benzo(a)anthracene
 Concen: 3.45 ng/ul
 RT: 20.80 min Scan# 3057
 Delta R.T. -1.00 min
 Lab File: BG021877.D
 Acq: 12 May 2016 20:35

Tgt Ion:228 Resp: 112
 Ion Ratio Lower Upper
 228 100
 229 157.9 16.6 25.0#
 226 111.7 21.0 31.4#



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 229.00 (228.70 to 229.70): E
 Ion 226.00 (225.70 to 226.70): E





#82

Bis(2-ethylhexyl)phthalate

Concen: 18.62 ng/ul

RT: 20.70 min Scan# 3039

Delta R.T. -1.00 min

Lab File: BG021877.D

Acq: 12 May 2016 20:35

Instrument :

BNA_G

ClientSampleId :

D9WK4

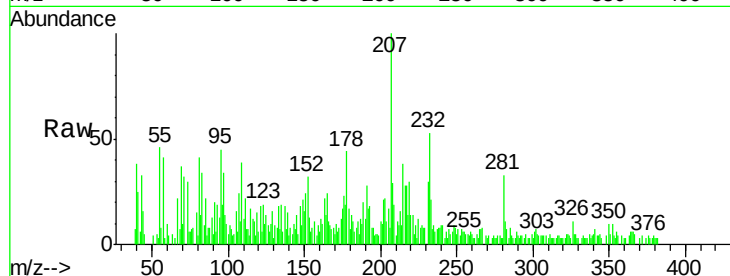
Tgt Ion:149 Resp: 227

Ion Ratio Lower Upper

149 100

167 44.1 20.5 30.7#

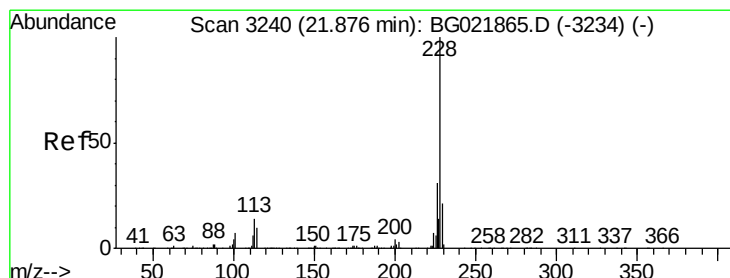
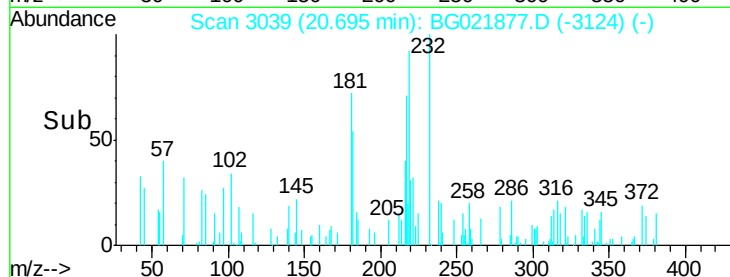
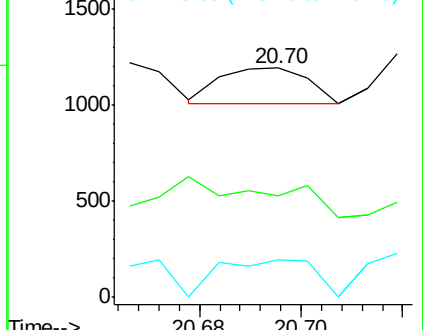
279 16.1 3.7 5.5#



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



#83

Chrysene

Concen: 16.98 ng/ul

RT: 20.88 min Scan# 3071

Delta R.T. -0.99 min

Lab File: BG021877.D

Acq: 12 May 2016 20:35

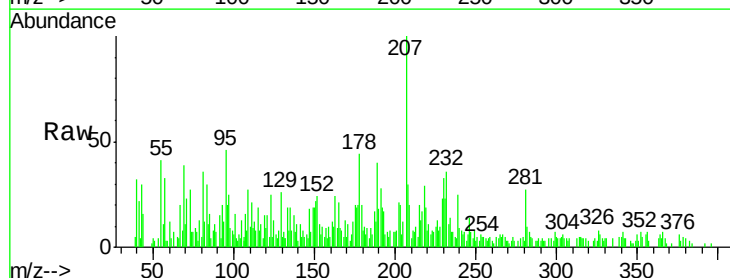
Tgt Ion:228 Resp: 546

Ion Ratio Lower Upper

228 100

226 127.1 23.4 35.2#

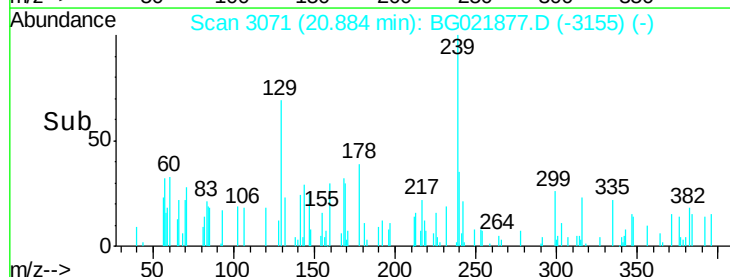
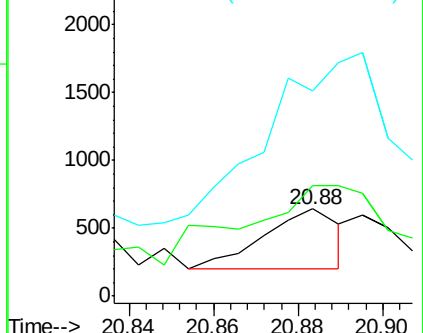
229 235.7 16.2 24.2#

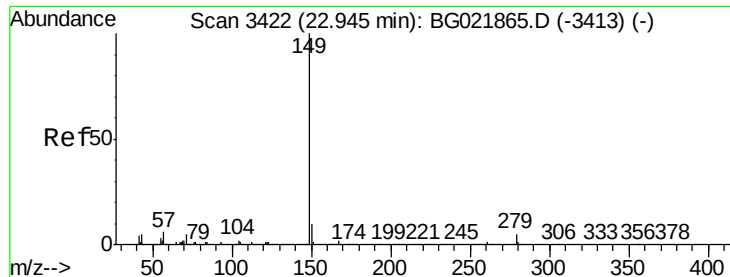


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#85

Di-n-octyl phthalate

Concen: 41.14 ng/ul

RT: 21.87 min Scan# 3239

Delta R.T. -1.07 min

Lab File: BG021877.D

Acq: 12 May 2016 20:35

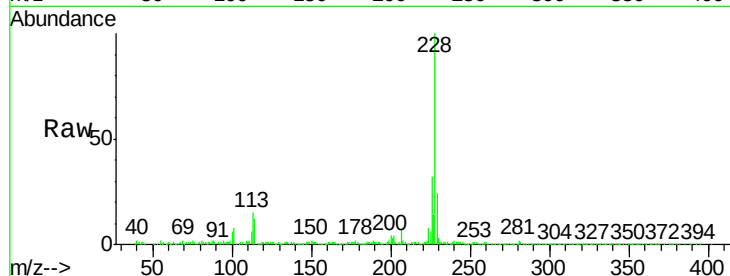
Instrument :

BNA_G

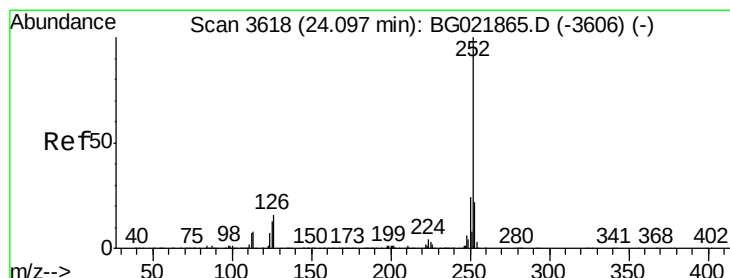
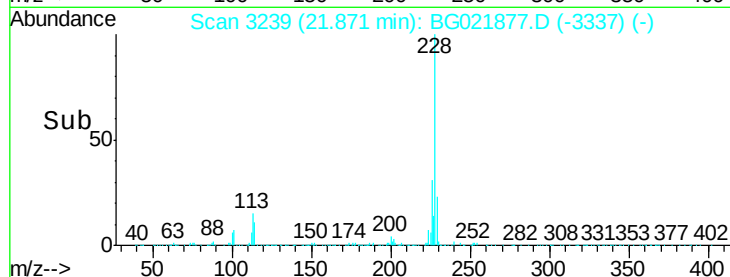
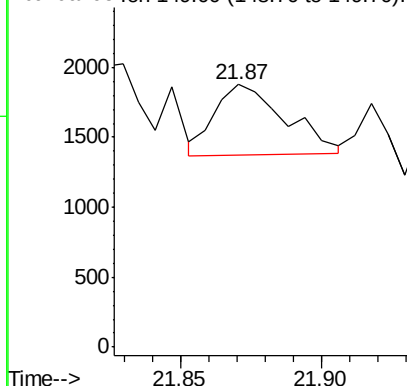
ClientSampleId :

D9WK4

Tgt Ion:149 Resp: 870



Abundance Ion 149.00 (148.70 to 149.70): E



#86

Benzo(b)fluoranthene

Concen: 7.63 ng/ul

RT: 22.94 min Scan# 3421

Delta R.T. -1.16 min

Lab File: BG021877.D

Acq: 12 May 2016 20:35

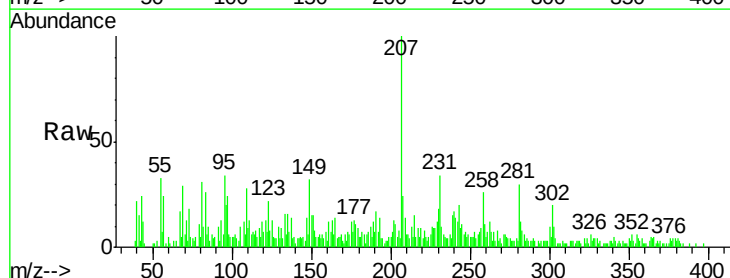
Tgt Ion:252 Resp: 224

Ion Ratio Lower Upper

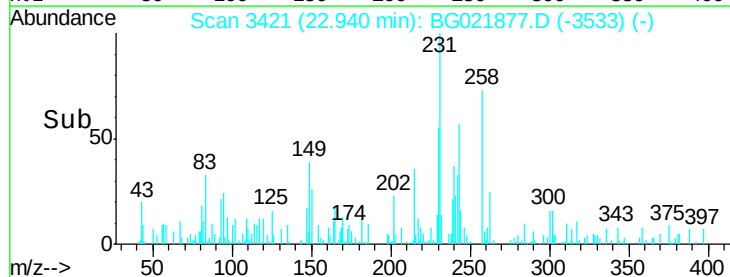
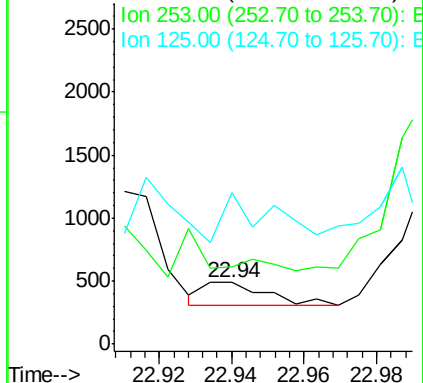
252 100

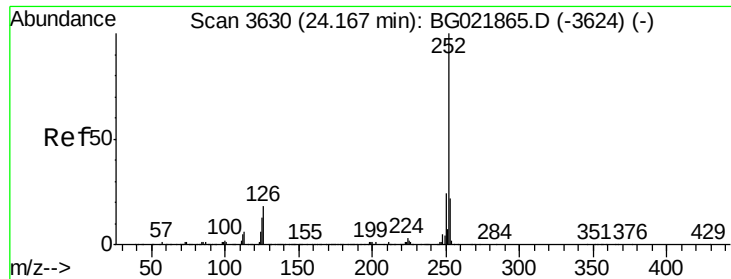
253 126.0 18.1 27.1#

125 245.4 7.6 11.4#



Abundance Ion 252.00 (251.70 to 252.70): E

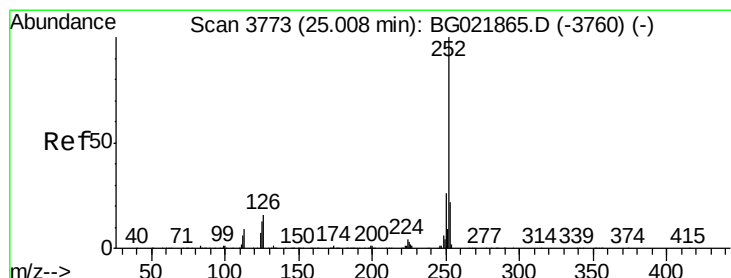
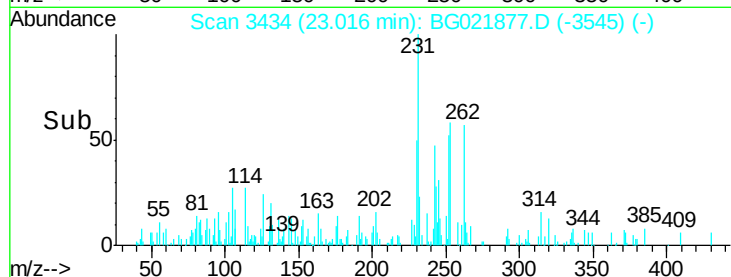
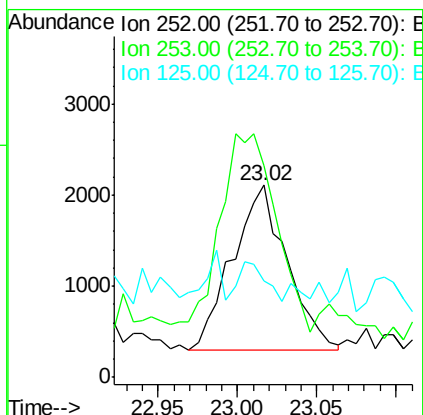
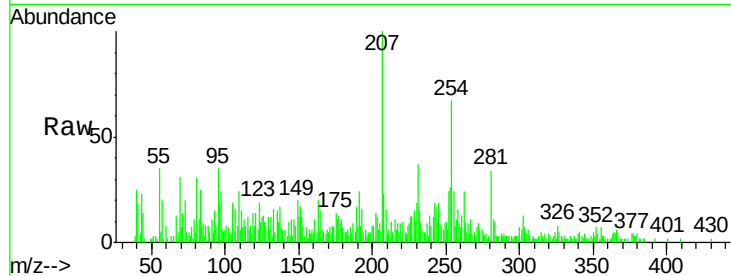




#87
Benzo(k)fluoranthene
Concen: 137.17 ng/ul
RT: 23.02 min Scan# 3434
Delta R.T. -1.15 min
Lab File: BG021877.D
Acq: 12 May 2016 20:35

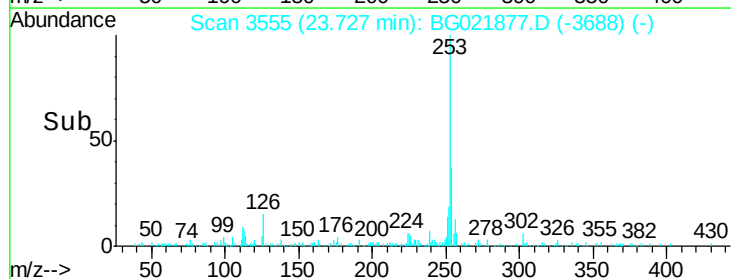
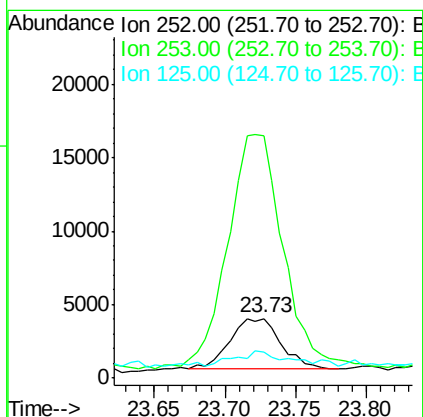
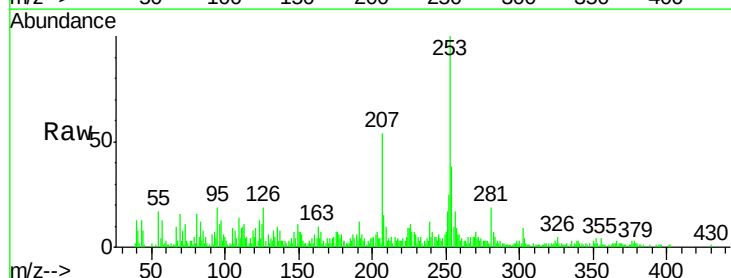
Instrument :
BNA_G
ClientSampleId :
D9WK4

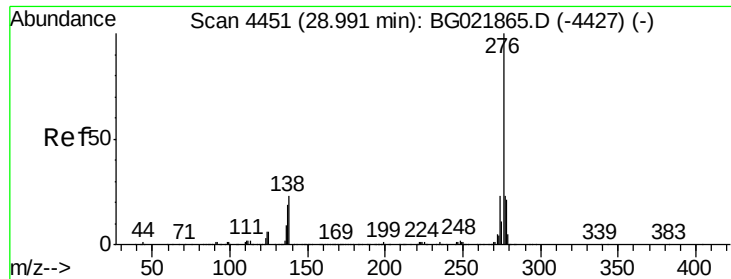
Tgt Ion:252 Resp: 4312
Ion Ratio Lower Upper
252 100
253 110.0 17.8 26.8#
125 50.5 7.7 11.5#



#89
Benzo(a)pyrene
Concen: 293.59 ng/ul
RT: 23.73 min Scan# 3555
Delta R.T. -1.28 min
Lab File: BG021877.D
Acq: 12 May 2016 20:35

Tgt Ion:252 Resp: 8582
Ion Ratio Lower Upper
252 100
253 408.0 17.4 26.0#
125 43.4 8.2 12.2#





#90

Indeno(1,2,3-cd)pyrene

Concen: 2.51 ng/ul

RT: 27.63 min Scan# 4220

Delta R.T. -1.36 min

Lab File: BG021877.D

Acq: 12 May 2016 20:35

Instrument :

BNA_G

ClientSampleId :

D9WK4

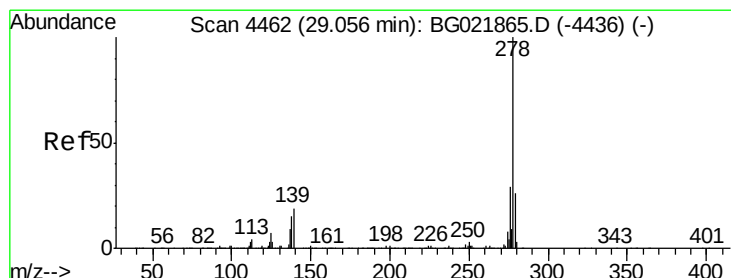
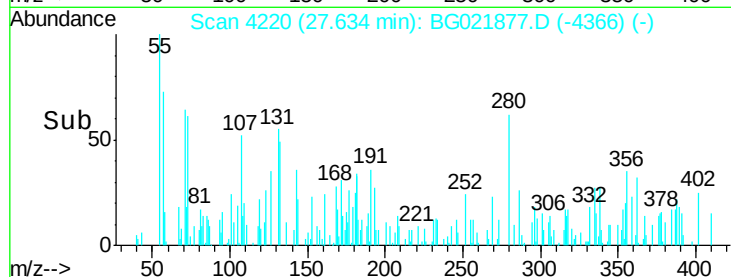
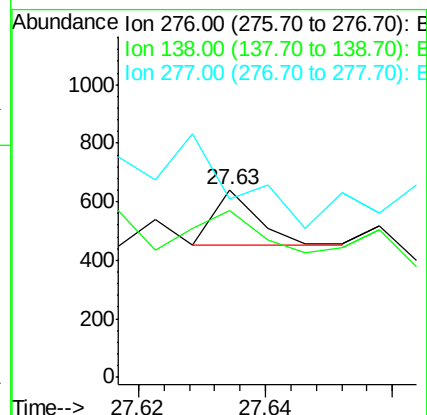
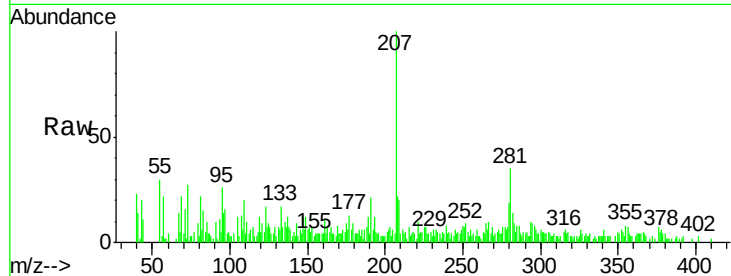
Tgt Ion:276 Resp: 87

Ion Ratio Lower Upper

276 100

138 88.8 15.8 23.6#

277 94.7 19.0 28.6#



#91

Dibenzo(a,h)anthracene

Concen: 46.34 ng/ul

RT: 27.72 min Scan# 4235

Delta R.T. -1.33 min

Lab File: BG021877.D

Acq: 12 May 2016 20:35

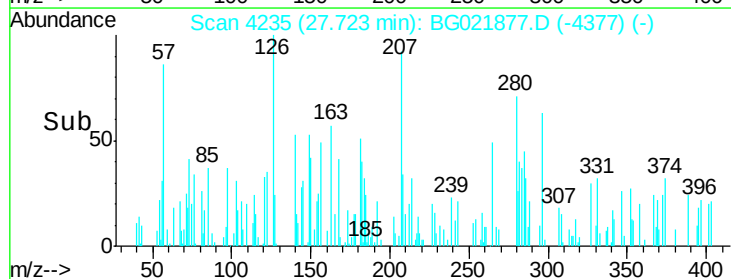
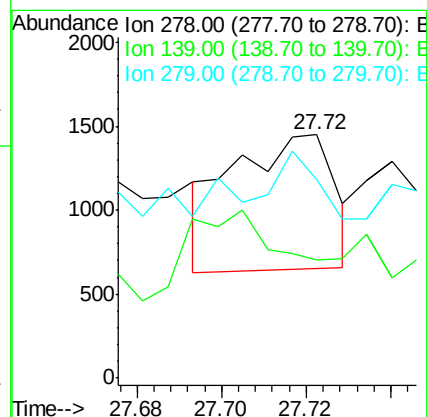
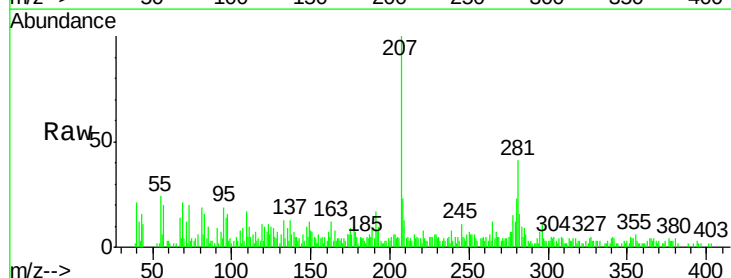
Tgt Ion:278 Resp: 1336

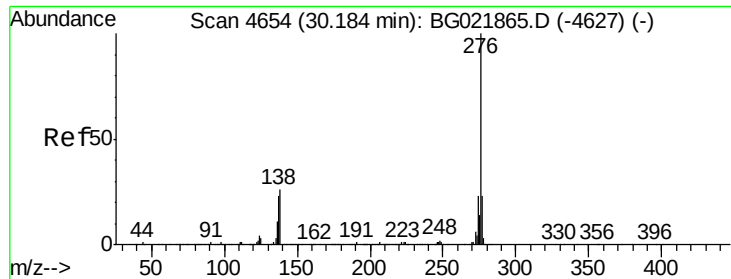
Ion Ratio Lower Upper

278 100

139 48.6 12.1 18.1#

279 81.9 19.8 29.8#





#92

Benzo(g,h,i)perylene

Concen: 91.67 ng/ul

RT: 28.72 min Scan# 4404

Delta R.T. -1.47 min

Lab File: BG021877.D

Acq: 12 May 2016 20:35

Instrument :

BNA_G

ClientSampleId :

D9WK4

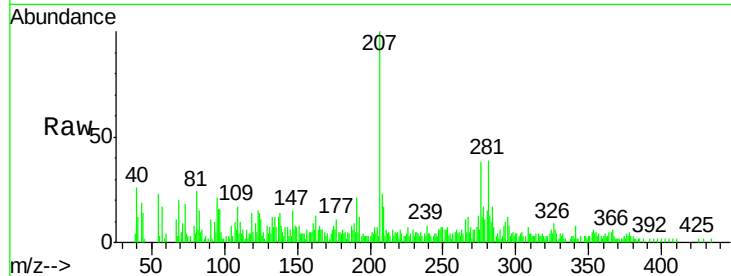
Tgt Ion:276 Resp: 2621

Ion Ratio Lower Upper

276 100

138 36.0 13.9 20.9#

277 32.6 19.8 29.6#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

