

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052616\
 Data File : BG022075.D
 Acq On : 26 May 2016 11:00
 Operator : UM/SJ
 Sample : H3124-16
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 JHGG2

Quant Time: May 27 04:32:44 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052116.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 27 04:32:27 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	38642	20.00	ng/ul	0.00
18) Naphthalene-d8	10.98	136	196700	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.79	164	108043	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.53	188	195566	20.00	ng/ul	0.00
75) Chrysene-d12	21.81	240	173687	20.00	ng/ul	0.00
83) Perylene-d12	25.13	264	175721	20.00	ng/ul	0.00

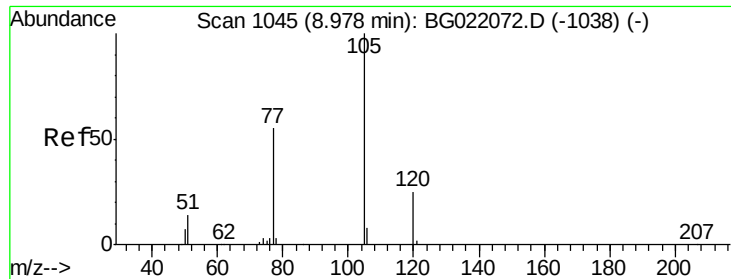
System Monitoring Compounds

3) 1,4-Dioxane-d8	3.52	96	1902	2.56	ng/uL	0.00
5) Phenol-d5	7.31	99	48094	13.77	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.47	67	28584	15.62	ng/ul	0.00
9) 2-Chlorophenol-d4	7.69	132	45999	15.76	ng/ul	0.00
13) 4-Methylphenol-d8	8.86	113	41789	14.11	ng/ul	0.00
19) Nitrobenzene-d5	9.33	128	23627	16.29	ng/ul	0.00
22) 2-Nitrophenol-d4	10.06	143	26019	16.56	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.60	165	45745	16.50	ng/ul	0.00
29) 4-Chloroaniline-d4	11.11	131	61245	20.29	ng/ul	0.00
43) Dimethylphthalate-d6	14.17	166	135519	16.70	ng/ul	0.00
46) Acenaphthylene-d8	14.48	160	187127	16.51	ng/ul	0.00
51) 4-Nitrophenol-d4	14.99	143	14378	10.29	ng/ul	0.00
57) Fluorene-d10	15.77	176	118671	15.62	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.89	200	19743	19.31	ng/ul	0.00
70) Anthracene-d10	17.62	188	163335	17.40	ng/ul	0.00
76) Pyrene-d10	19.90	212	165313	16.88	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.90	264	141088	17.30	ng/ul	0.00

Target Compounds

						Qvalue
14) Acetophenone	8.96	105	8175	1.97	ng/ul#	57
15) N-Nitroso-di-n-propylamine	8.93	70	2664	1.25	ng/ul#	70
17) Hexachloroethane	9.26	117	1625	1.42	ng/ul#	10
21) Isophorone	9.89	82	48367	7.73	ng/ul#	1
23) 2-Nitrophenol	10.07	139	2483	1.51	ng/ul#	1
28) Naphthalene	11.03	128	12879	1.29	ng/ul#	55
32) Caprolactam	11.87	113	2347	2.15	ng/ul#	1
44) Dimethylphthalate	14.22	163	48015	5.89	ng/ul#	91
48) 3-Nitroaniline	14.67	138	1732	1.03	ng/ul#	34
52) 4-Nitrophenol	15.00	109	1734	2.20	ng/ul#	1
64) N-Nitrosodiphenylamine	16.01	169	31999	5.18	ng/ul#	43

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



#14

Acetophenone

Concen: 1.97 ng/ul

RT: 8.96 min Scan# 1041

Delta R.T. -0.02 min

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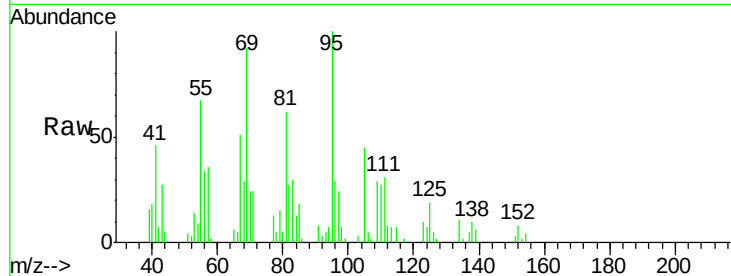
Tgt Ion: 105 Resp: 8175

Ion Ratio Lower Upper

105 100

77 29.3 56.1 84.1#

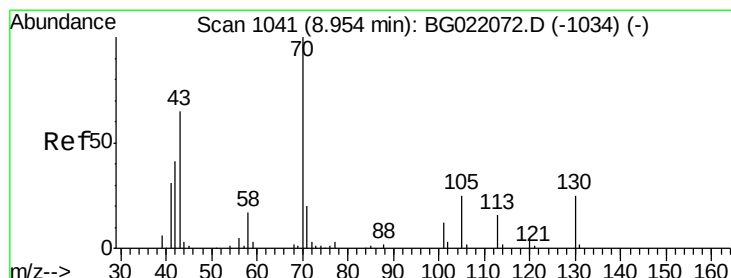
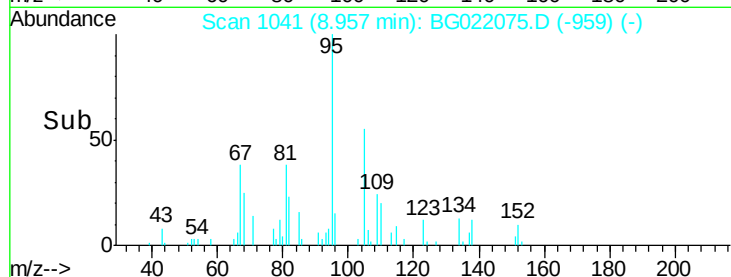
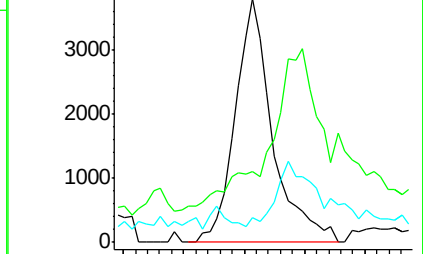
51 9.9 14.6 22.0#



Abundance Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#15

N-Nitroso-di-n-propylamine

Concen: 1.25 ng/ul

RT: 8.93 min Scan# 1036

Delta R.T. -0.03 min

Lab File: BG022075.D

Acq: 26 May 2016 11:00

Tgt Ion: 70 Resp: 2664

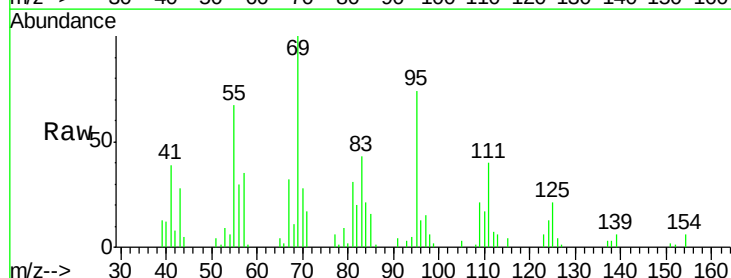
Ion Ratio Lower Upper

70 100

42 27.3 31.4 47.2#

101 0.0 8.6 13.0#

130 0.0 19.0 28.4#

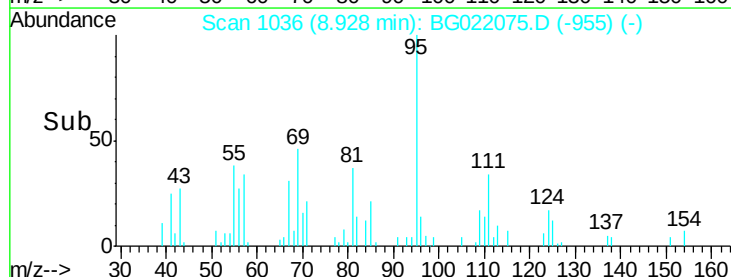
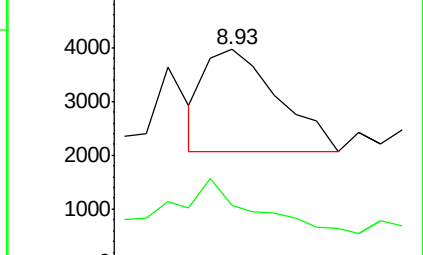


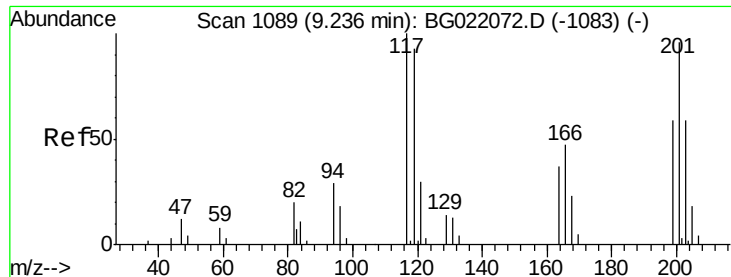
Abundance Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC





#17

Hexachloroethane

Concen: 1.42 ng/ul

RT: 9.26 min Scan# 1092

Delta R.T. 0.02 min

Lab File: BG022075.D

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Instrument :

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JHGG2

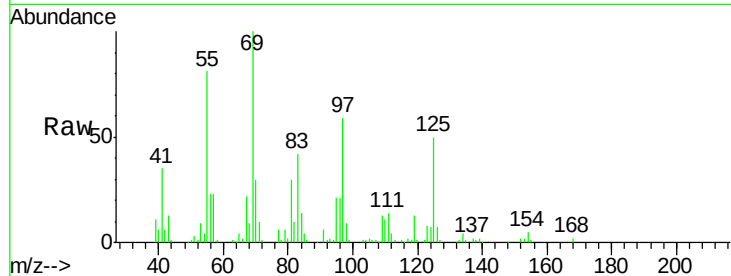
Tgt Ion: 117 Resp: 1625

Ion Ratio Lower Upper

117 100

201 0.0 76.8 115.2#

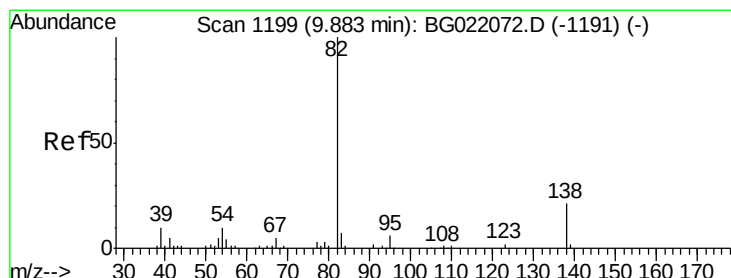
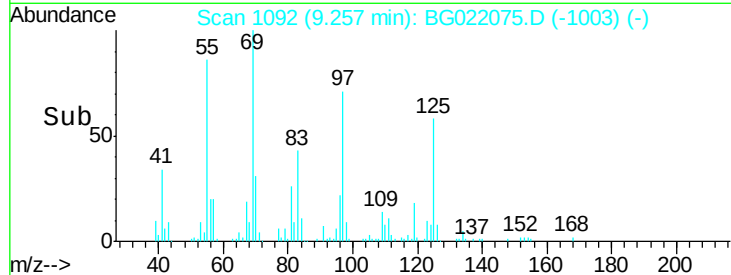
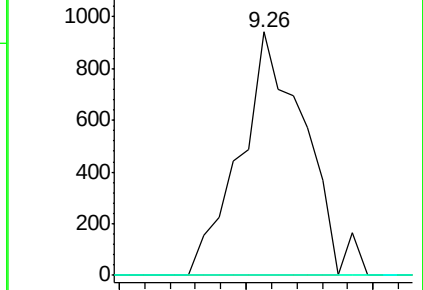
199 0.0 43.5 65.3#



Abundance Ion 117.00 (116.70 to 117.70): E

Ion 201.00 (200.70 to 201.70): E

Ion 199.00 (198.70 to 199.70): E



#21

Isophorone

Concen: 7.73 ng/ul

RT: 9.89 min Scan# 1199

Delta R.T. 0.00 min

Lab File: BG022075.D

Acq: 26 May 2016 11:00

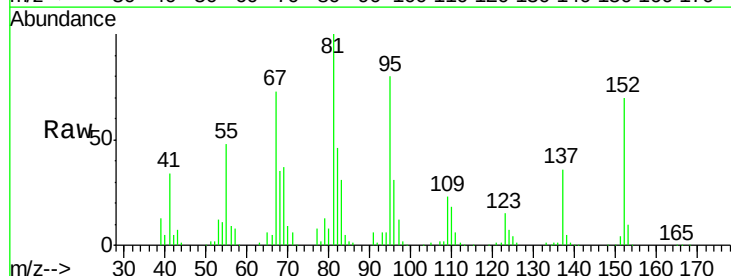
Tgt Ion: 82 Resp: 48367

Ion Ratio Lower Upper

82 100

95 175.6 5.1 7.7#

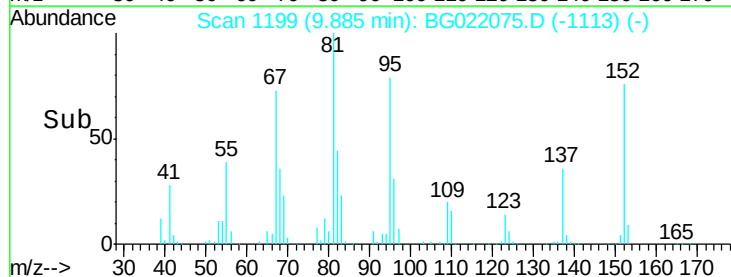
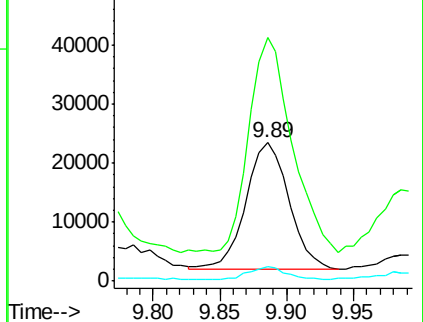
138 10.1 15.0 22.6#

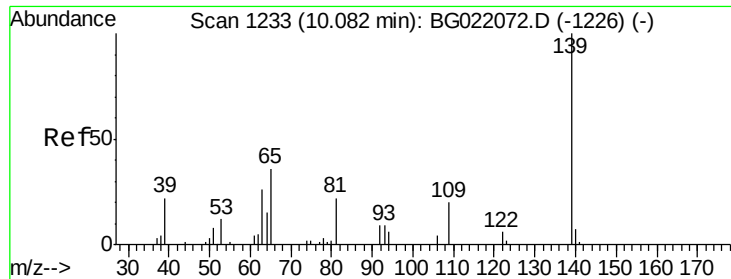


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 138.00 (137.70 to 138.70): E

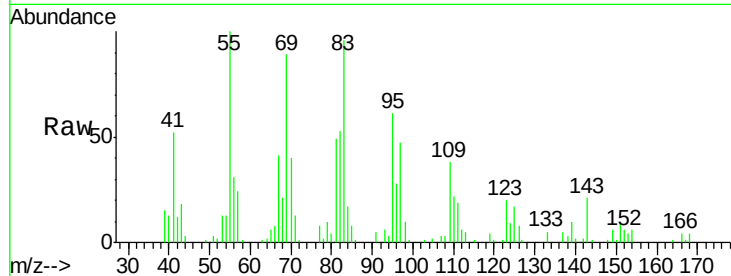




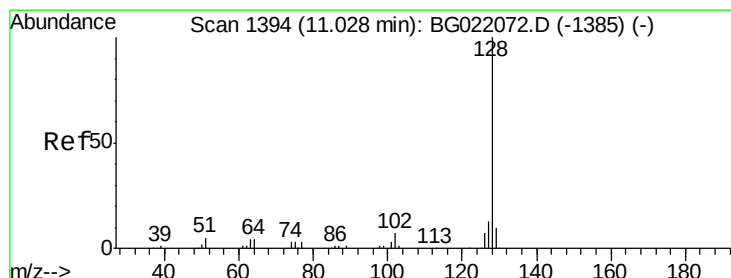
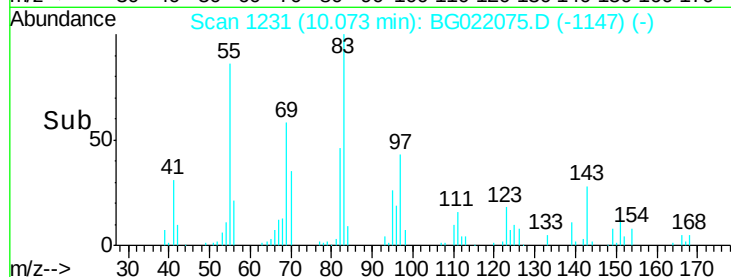
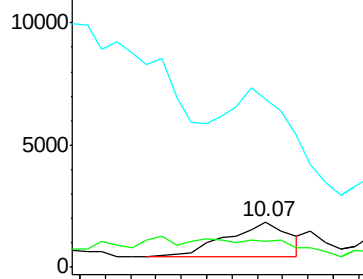
#23
2-Nitrophenol
Concen: 1.51 ng/ul
RT: 10.07 min Scan# 1231
Delta R.T. -0.01 min
Lab File: BG022075.D
Acq: 26 May 2016 11:00

Instrument :
BNA_G
ClientSampleId :
JHGG2

Tgt Ion:139 Resp: 2483
Ion Ratio Lower Upper
139 100
65 55.8 31.8 47.8#
109 369.5 17.1 25.7#

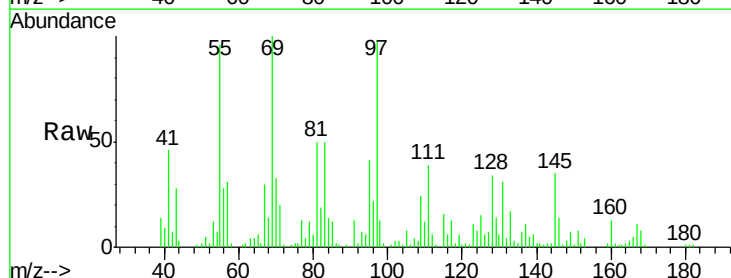


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 109.00 (108.70 to 109.70): E

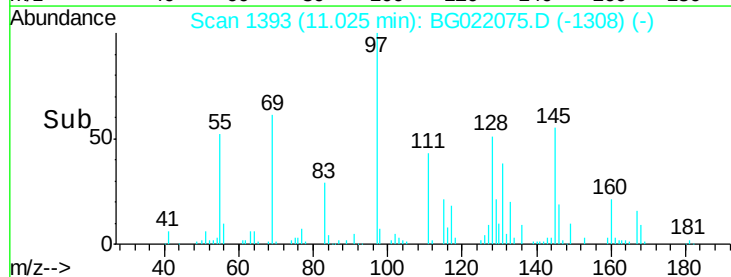
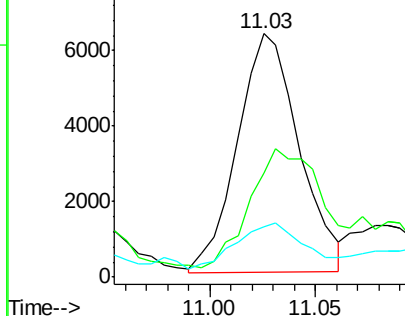


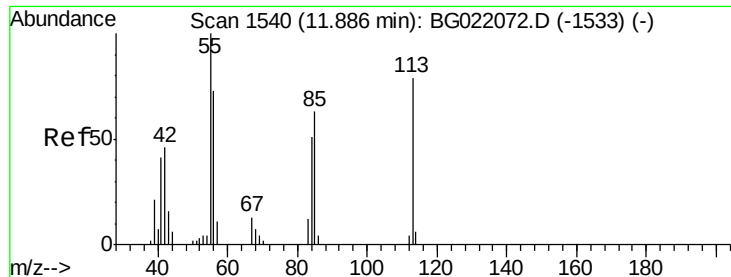
#28
Naphthalene
Concen: 1.29 ng/ul
RT: 11.03 min Scan# 1393
Delta R.T. -0.00 min
Lab File: BG022075.D
Acq: 26 May 2016 11:00

Tgt Ion:128 Resp: 12879
Ion Ratio Lower Upper
128 100
129 42.8 9.4 14.2#
127 20.5 11.2 16.8#



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E





#32

Caprolactam

Concen: 2.15 ng/ul

RT: 11.87 min Scan# 1537

Delta R.T. -0.01 min

Lab File: BG022075.D

Acq: 26 May 2016 11:00

Instrument :

BNA_G

ClientSampleId :

JHGG2

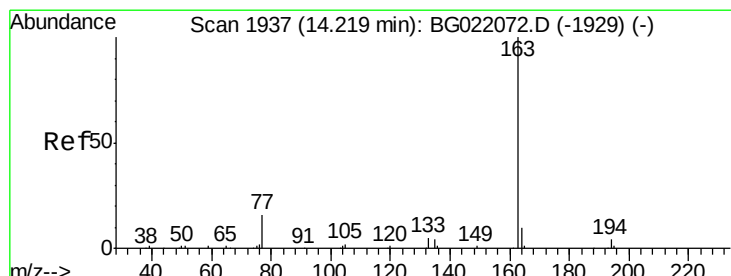
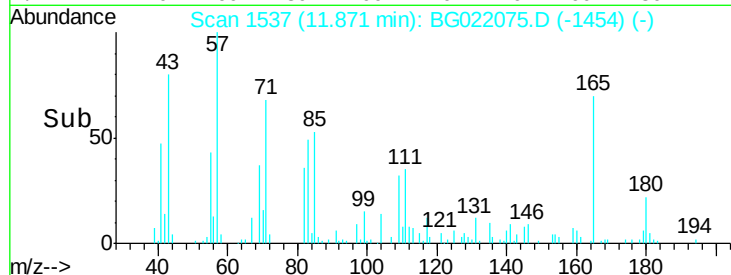
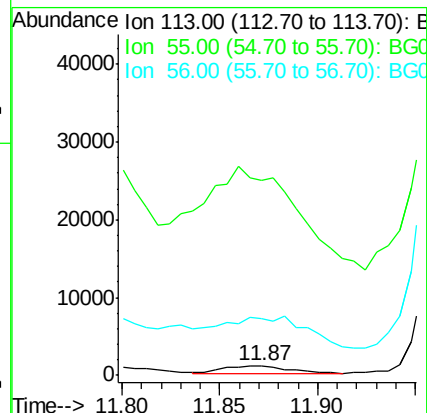
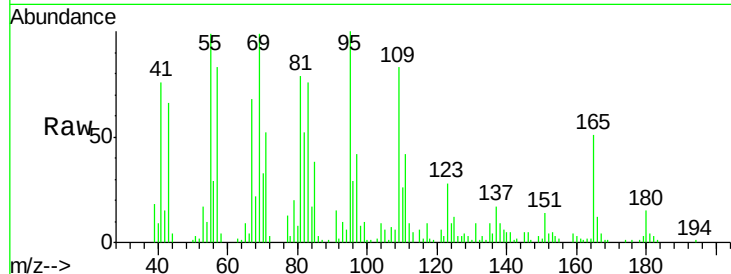
Tgt Ion:113 Resp: 2347

Ion Ratio Lower Upper

113 100

55 1978.9 99.6 149.4#

56 572.1 66.4 99.6#



#44

Dimethylphthalate

Concen: 5.89 ng/ul

RT: 14.22 min Scan# 1937

Delta R.T. 0.00 min

Lab File: BG022075.D

Acq: 26 May 2016 11:00

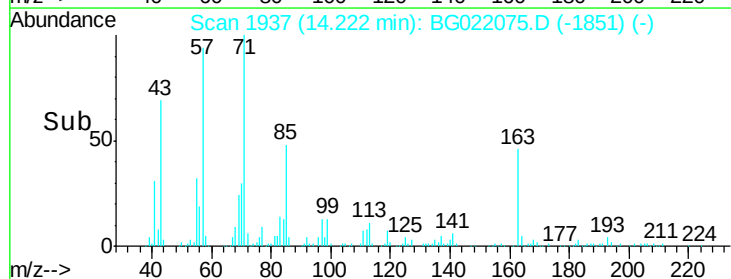
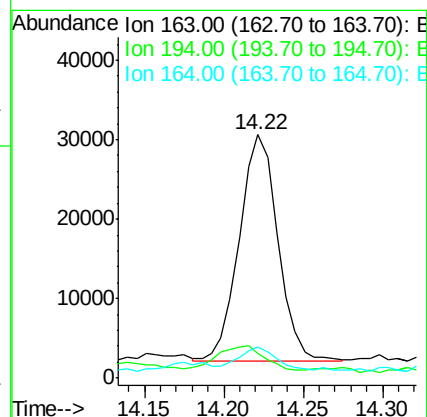
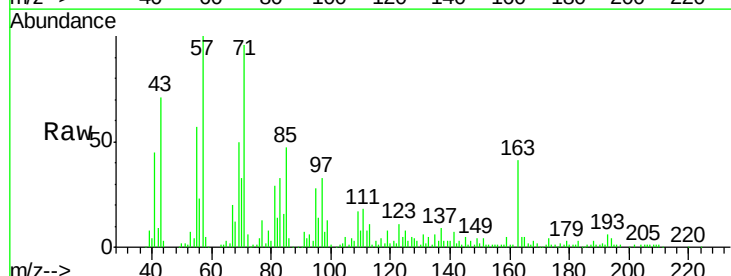
Tgt Ion:163 Resp: 48015

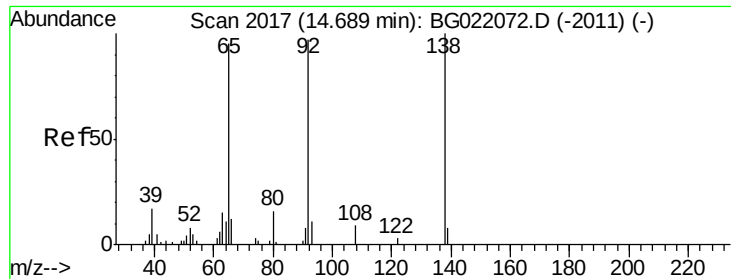
Ion Ratio Lower Upper

163 100

194 10.3 3.4 5.2#

164 12.8 8.8 13.2

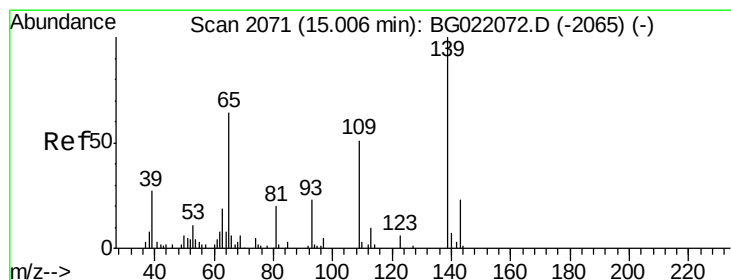
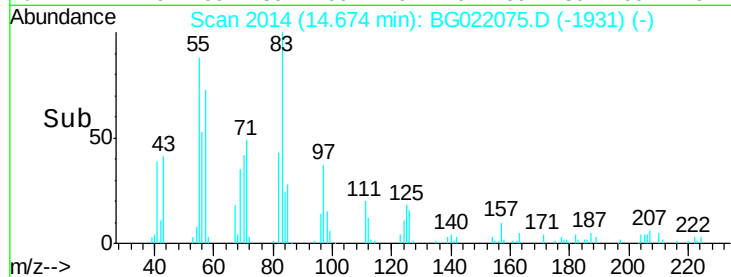
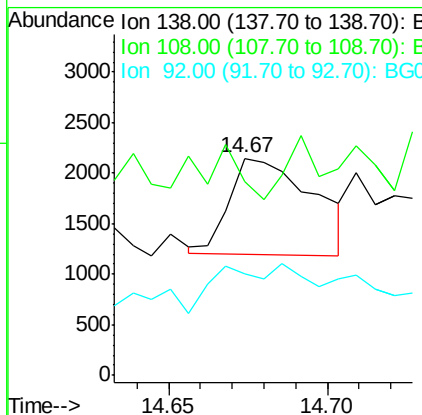
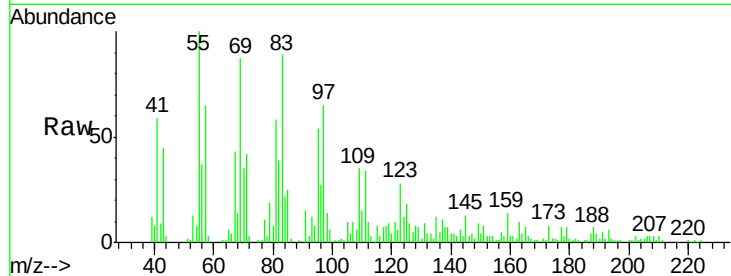




#48
3-Nitroaniline
Concen: 1.03 ng/ul
RT: 14.67 min Scan# 2014
Delta R.T. -0.01 min
Lab File: BG022075.D
Acq: 26 May 2016 11:00

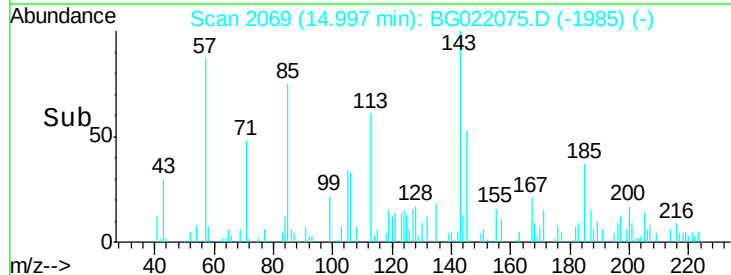
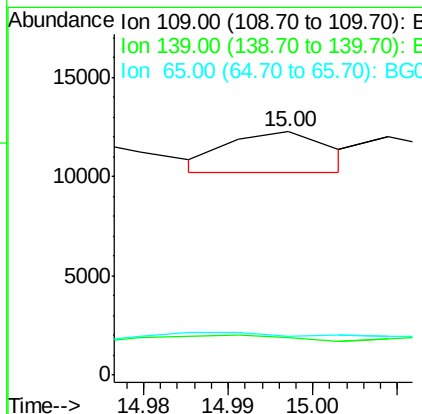
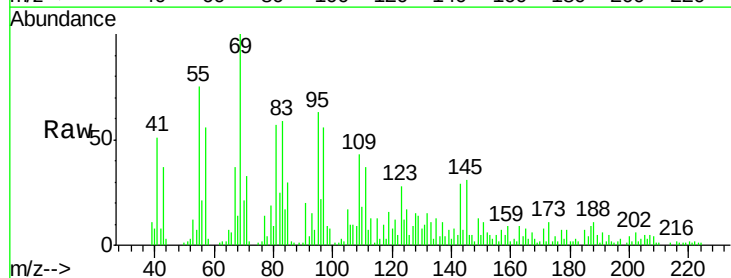
Instrument :
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JHGG2

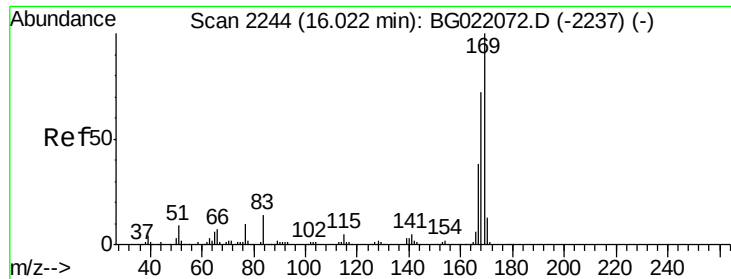
Tgt Ion:138 Resp: 1732
Ion Ratio Lower Upper
138 100
108 89.4 6.2 9.2#
92 46.6 79.3 118.9#



#52
4-Nitrophenol
Concen: 2.20 ng/ul
RT: 15.00 min Scan# 2069
Delta R.T. -0.01 min
Lab File: BG022075.D
Acq: 26 May 2016 11:00

Tgt Ion:109 Resp: 1734
Ion Ratio Lower Upper
109 100
139 15.3 136.1 204.1#
65 16.1 106.0 159.0#





#64
 N-Nitrosodiphenylamine
 Concen: 5.18 ng/ul
 RT: 16.01 min Scan# 2241
 Delta R.T. -0.01 min
 Lab File: BG022075.D
 Acq: 26 May 2016 11:00

Instrument :
 BNA_G
 ClientSampleId :
 JHGG2

Tgt Ion	Resp	Ratio	Lower	Upper
169	31999	100		
168		24.4	59.0	88.6#
167		5.7	30.6	46.0#

