

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121516\
 Data File : BG025214.D
 Acq On : 15 Dec 2016 16:40
 Operator : UM/SJ
 Sample : H5995-06
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Dec 16 03:27:14 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 16 03:23:37 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.23	152	65922	20.00	ng/ul	0.00
18) Naphthalene-d8	11.06	136	297521	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.86	164	237103	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.60	188	509155	20.00	ng/ul	0.00
75) Chrysene-d12	21.89	240	652632	20.00	ng/ul	0.00
83) Perylene-d12	25.31	264	631821	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.58	96	4914	3.85	ng/uL	0.00
5) Phenol-d5	7.38	99	118018	20.75	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.54	67	77084	21.91	ng/ul	0.00
9) 2-Chlorophenol-d4	7.76	132	84160	21.16	ng/ul	0.00
13) 4-Methylphenol-d8	8.94	113	97341	20.48	ng/ul	0.00
19) Nitrobenzene-d5	9.42	128	43462	20.63	ng/ul	0.00
22) 2-Nitrophenol-d4	10.14	143	54702	20.83	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.68	165	101677	20.13	ng/ul	0.00
29) 4-Chloroaniline-d4	11.20	131	114673	23.10	ng/ul	0.00
43) Dimethylphthalate-d6	14.25	166	344228	21.11	ng/ul	0.00
46) Acenaphthylene-d8	14.55	160	405354	22.69	ng/ul	0.00
51) 4-Nitrophenol-d4	15.07	143	53732	19.17	ng/ul	0.00
57) Fluorene-d10	15.84	176	313107	20.40	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.97	200	61892	19.66	ng/ul	0.00
70) Anthracene-d10	17.70	188	489613	22.78	ng/ul	0.00
76) Pyrene-d10	19.97	212	626483	23.31	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.07	264	607277	23.72	ng/ul	0.00

Target Compounds

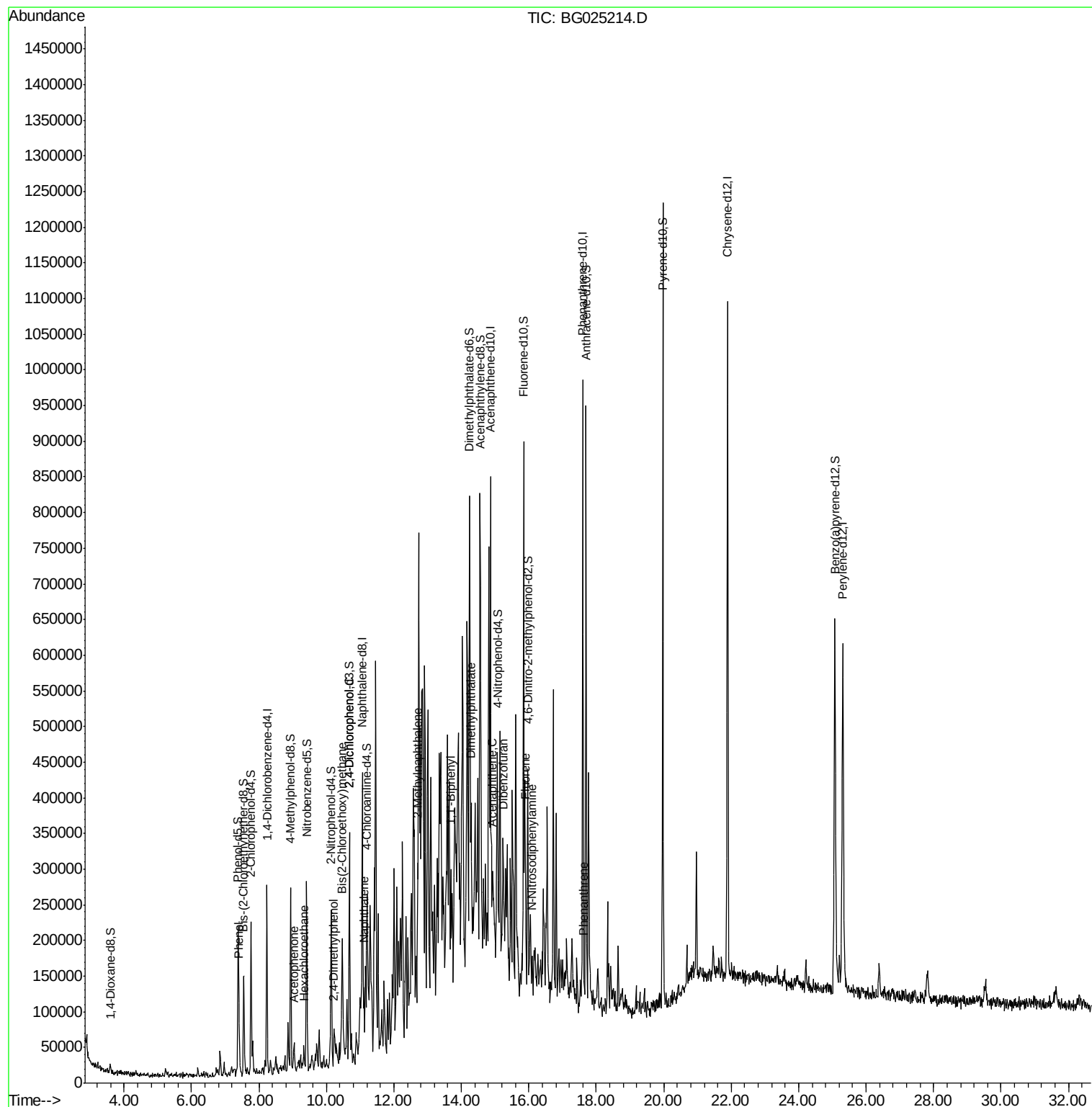
						Ovalue
6) Phenol	7.41	94	23423	4.01	ng/ul#	86
14) Acetophenone	9.03	105	13272	1.83	ng/ul#	30
17) Hexachloroethane	9.34	117	4074	2.30	ng/ul#	1
24) 2,4-Dimethylphenol	10.21	107	7147	1.17	ng/ul#	62
25) Bis(2-Chloroethoxy)methane	10.47	93	8842	1.42	ng/ul#	86
27) 2,4-Dichlorophenol	10.68	162	5182	1.06	ng/ul#	72
28) Naphthalene	11.11	128	53261	3.85	ng/ul#	86
34) 2-Methylnaphthalene	12.70	142	71837	6.58	ng/ul	93
40) 1,1'-Biophenyl	13.69	154	84836	5.90	ng/ul	95
44) Dimethylphthalate	14.30	163	33578	2.09	ng/ul#	95
49) Acenaphthene	14.92	153	18560	1.56	ng/ul#	84
53) Dibenzofuran	15.25	168	33453	1.78	ng/ul	88
58) Fluorene	15.90	166	46283	3.02	ng/ul#	94
64) N-Nitrosodiphenylamine	16.10	169	14795	1.13	ng/ul#	78
69) Phenanthrene	17.64	178	27717	1.14	ng/ul#	92

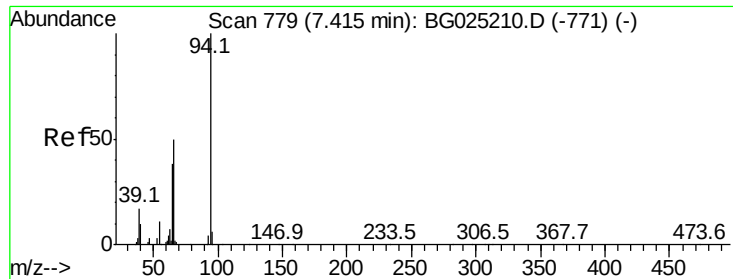
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration





#6

Phenol

Concen: 4.01 ng/ul

RT: 7.41 min Scan# 778

Delta R.T. -0.01 min

Lab File: BG025214.D

Acq: 15 Dec 2016 16:40

Instrument :

BNA_G

ClientSampleId :

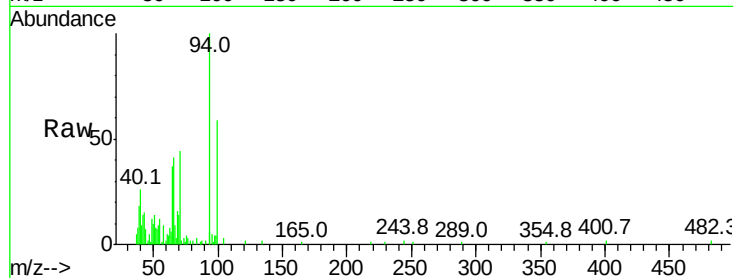
Tot Ion: 94 Resp: 23423

Ion Ratio Lower Upper

94 100

65 37.1 26.8 40.2

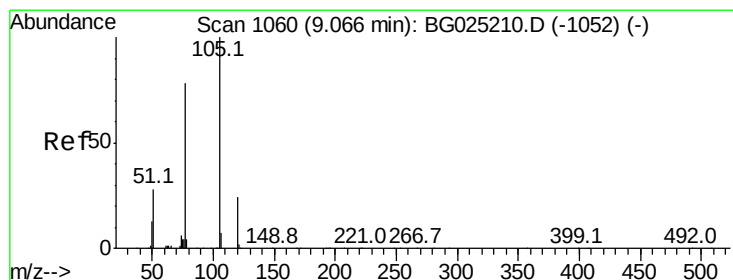
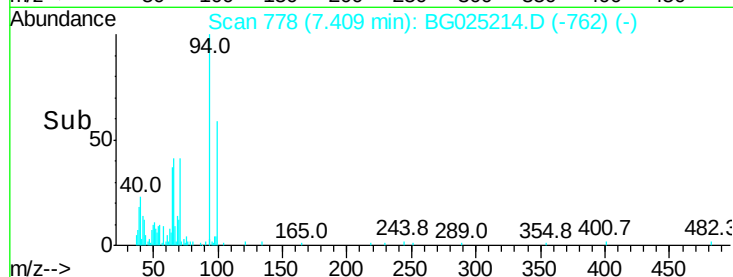
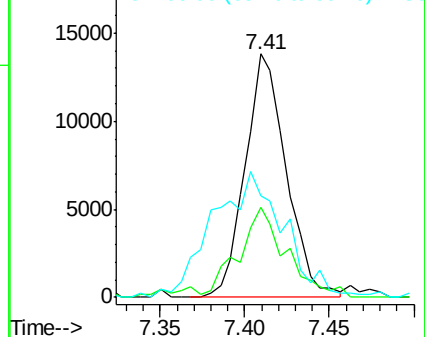
66 41.5 44.4 66.6#



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



#14

Acetophenone

Concen: 1.83 ng/ul

RT: 9.03 min Scan# 1054

Delta R.T. -0.04 min

Lab File: BG025214.D

Acq: 15 Dec 2016 16:40

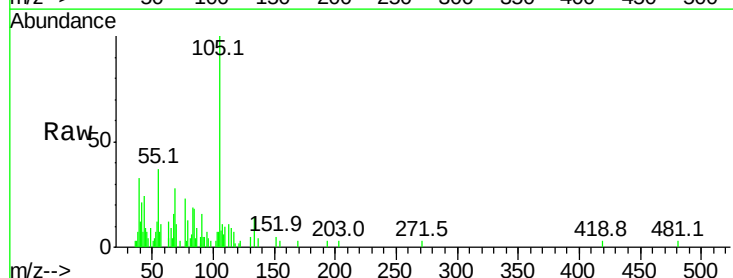
Tgt Ion: 105 Resp: 13272

Ion Ratio Lower Upper

105 100

77 23.1 76.0 114.0#

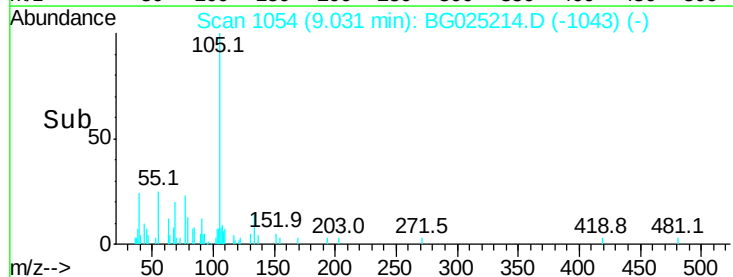
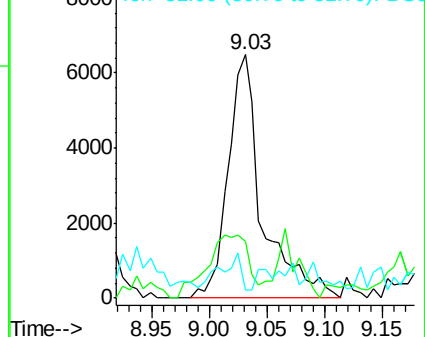
51 3.4 34.8 52.2#

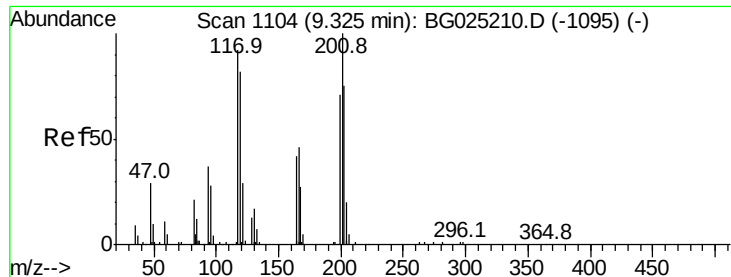


Abundance Ion 105.00 (104.70 to 105.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 51.00 (50.70 to 51.70): BGC





#17

Hexachloroethane

Concen: 2.30 ng/ul

RT: 9.34 min Scan# 1106

Delta R.T. 0.01 min

Lab File: BG025214.D

Acq: 15 Dec 2016 16:40

Instrument :

BNA_G

ClientSampleId :

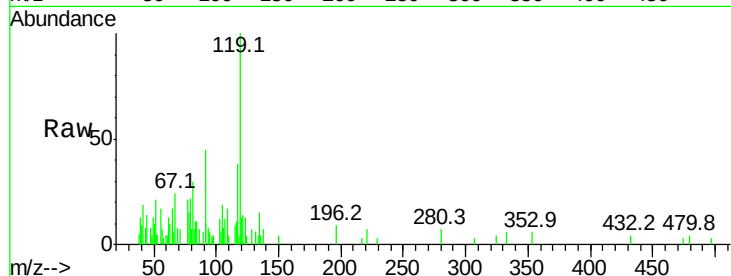
Tot Ion:117 Resp: 4074

Ion Ratio Lower Upper

117 100

201 0.0 91.9 137.9#

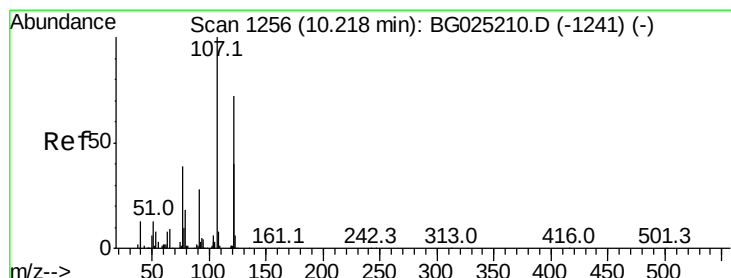
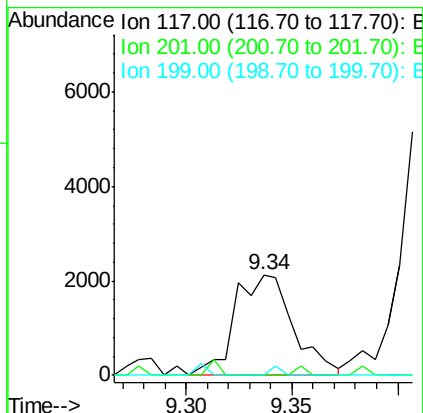
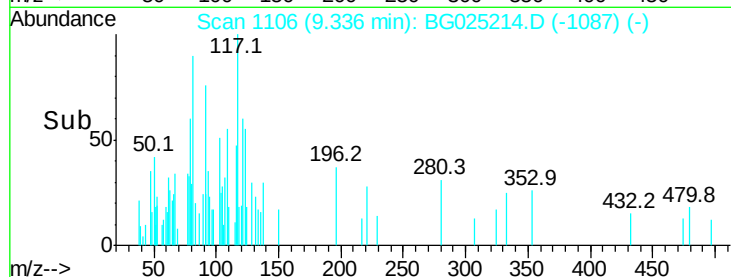
199 0.0 64.3 96.5#



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



#24

2,4-Dimethylphenol

Concen: 1.17 ng/ul

RT: 10.21 min Scan# 1254

Delta R.T. -0.01 min

Lab File: BG025214.D

Acq: 15 Dec 2016 16:40

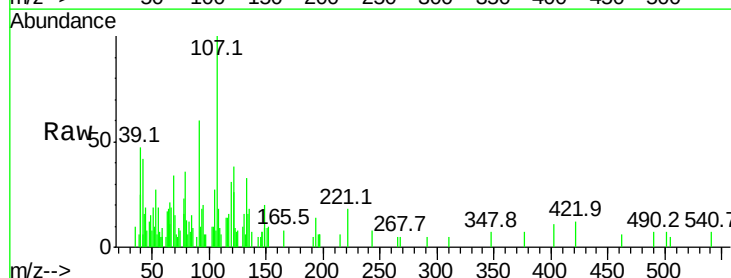
Tgt Ion:107 Resp: 7147

Ion Ratio Lower Upper

107 100

121 25.6 32.3 48.5#

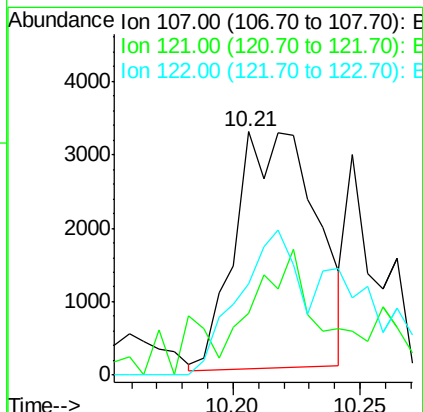
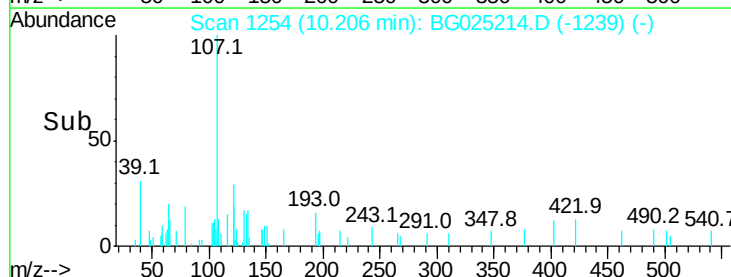
122 37.5 61.2 91.8#

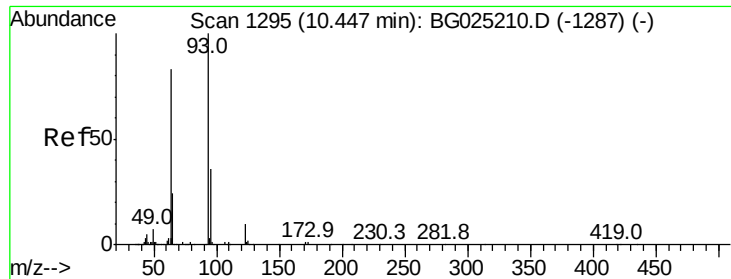


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E

Ion 122.00 (121.70 to 122.70): E





#25

Bis(2-Chloroethoxy)methane

Concen: 1.42 ng/ul

RT: 10.47 min Scan# 1299

Delta R.T. 0.02 min

Lab File: BG025214.D

Acq: 15 Dec 2016 16:40

Instrument :

BNA_G

ClientSampleId :

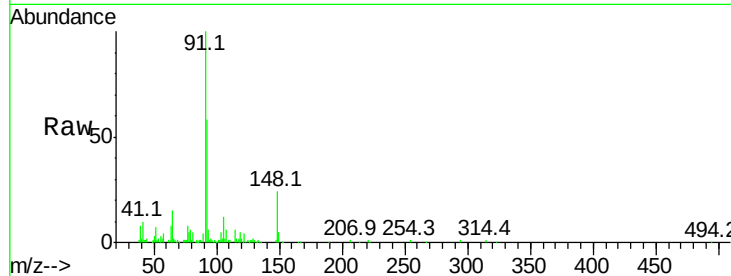
Tot Ion: 93 Resp: 8842

Ion Ratio Lower Upper

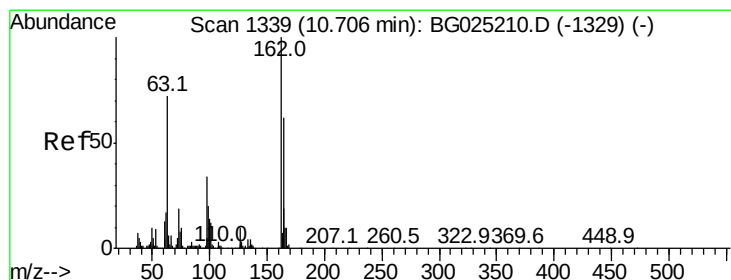
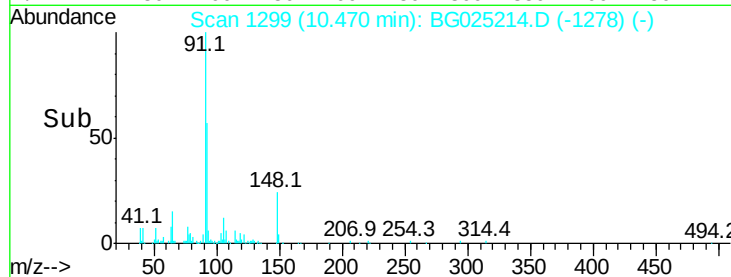
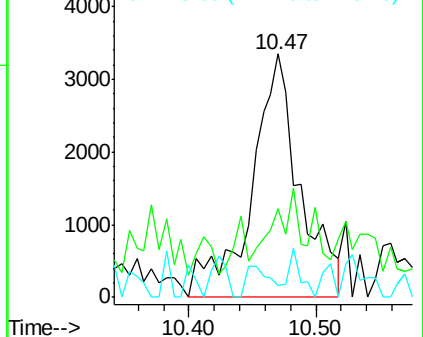
93 100

95 36.7 23.4 35.0#

123 5.0 7.8 11.6#



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 123.00 (122.70 to 123.70): BGC



#27

2,4-Dichlorophenol

Concen: 1.06 ng/ul

RT: 10.68 min Scan# 1335

Delta R.T. -0.02 min

Lab File: BG025214.D

Acq: 15 Dec 2016 16:40

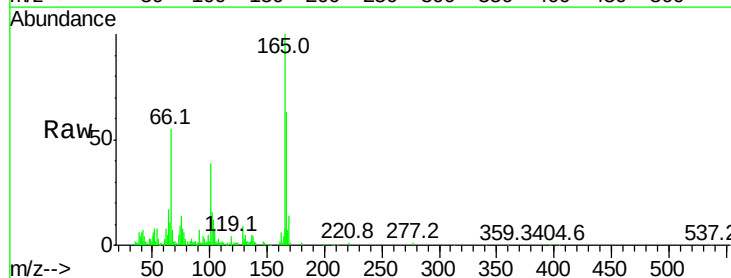
Tgt Ion:162 Resp: 5182

Ion Ratio Lower Upper

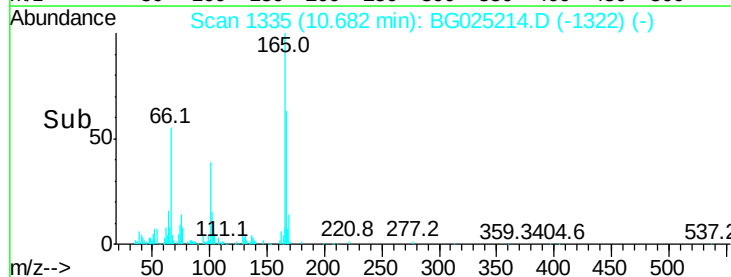
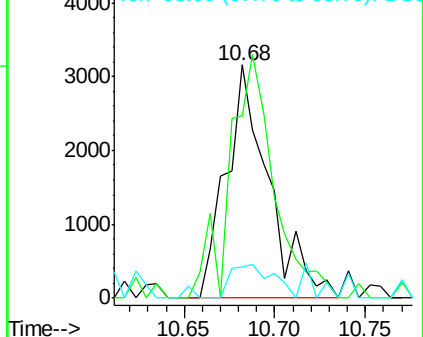
162 100

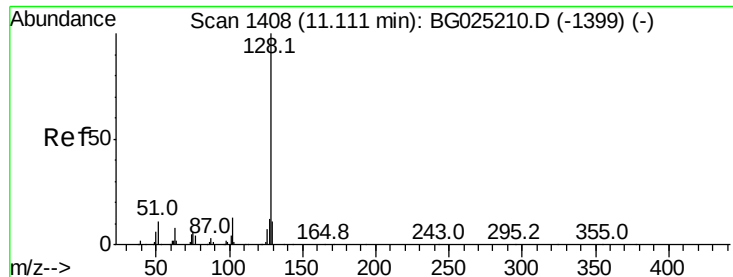
164 78.2 50.8 76.2#

98 13.6 32.1 48.1#



Abundance Ion 162.00 (161.70 to 162.70): BGC
Ion 164.00 (163.70 to 164.70): BGC
Ion 98.00 (97.70 to 98.70): BGC

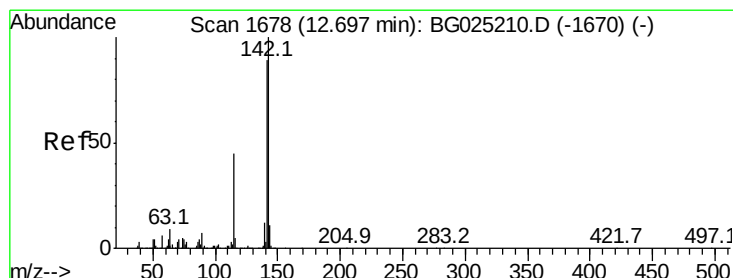
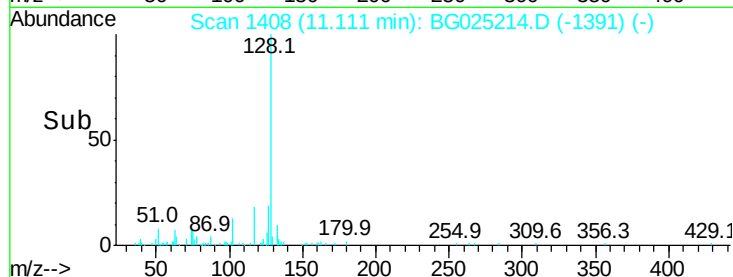
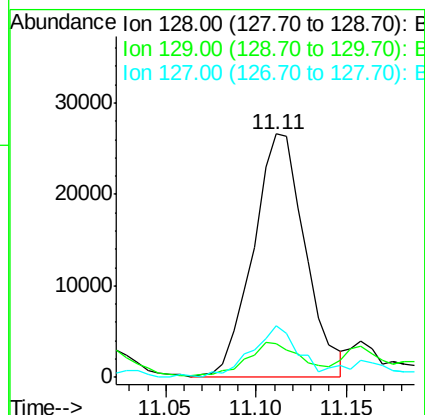
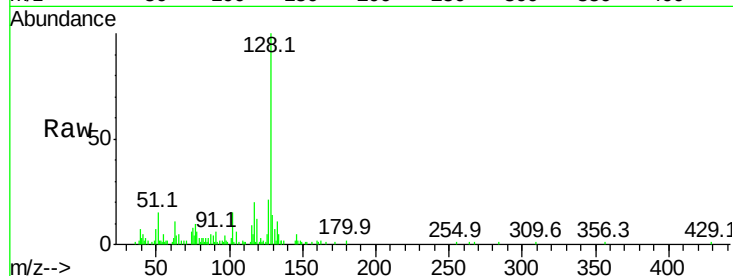




#28
Naphthalene
Concen: 3.85 ng/ul
RT: 11.11 min Scan# 1408
Delta R.T. -0.00 min
Lab File: BG025214.D
Acq: 15 Dec 2016 16:40

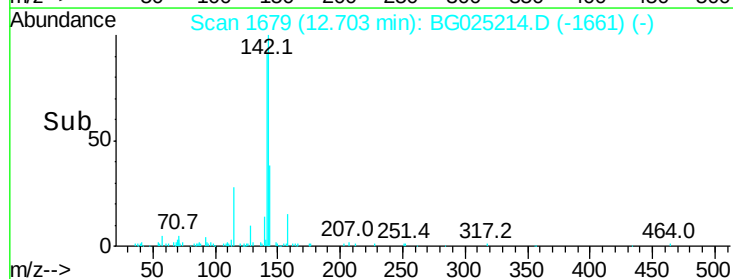
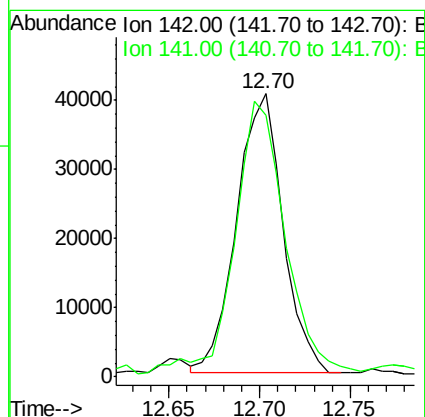
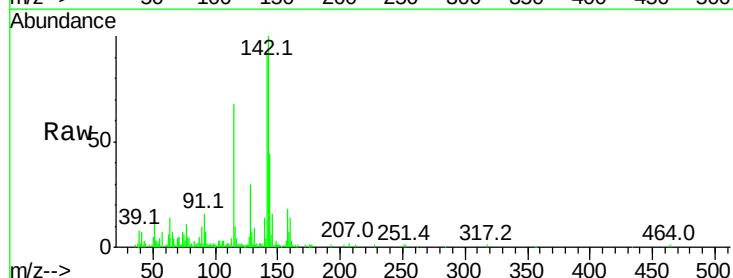
Instrument :
BNA_G
ClientSampleId :

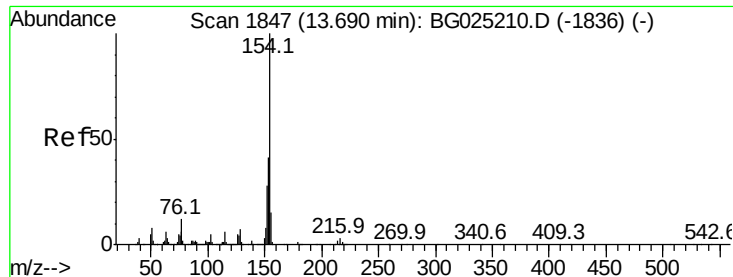
Tot Ion:128 Resp: 53261
Ion Ratio Lower Upper
128 100
129 14.0 9.4 14.2
127 21.2 10.3 15.5#



#34
2-Methylnaphthalene
Concen: 6.58 ng/ul
RT: 12.70 min Scan# 1679
Delta R.T. 0.01 min
Lab File: BG025214.D
Acq: 15 Dec 2016 16:40

Tgt Ion:142 Resp: 71837
Ion Ratio Lower Upper
142 100
141 92.2 68.6 102.8





#40

1,1'-Biphenyl

Concen: 5.90 ng/ul

RT: 13.69 min Scan# 1847

Delta R.T. -0.00 min

Lab File: BG025214.D

Acq: 15 Dec 2016 16:40

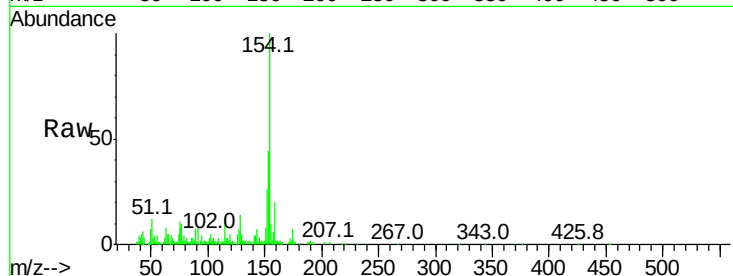
Instrument :

BNA_G

ClientSampleId :

Tot Ion:154 Resp: 84836

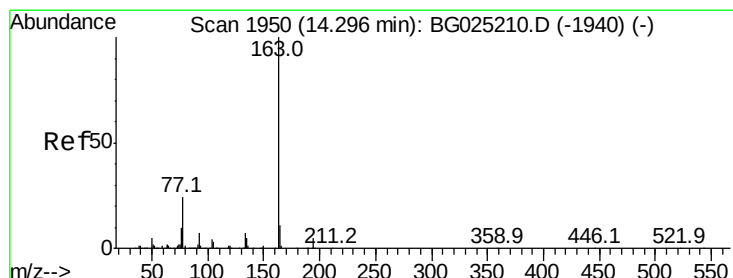
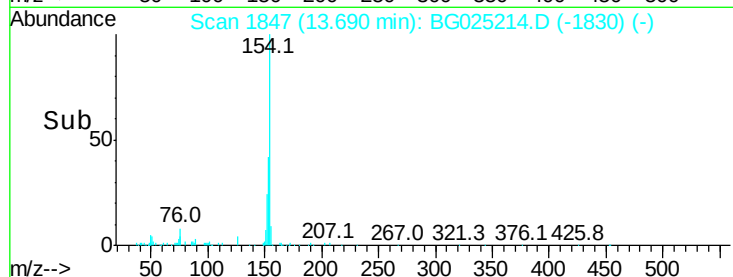
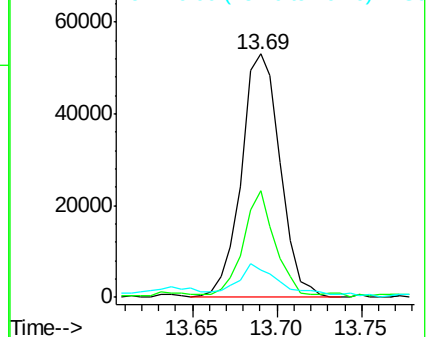
Ion	Ratio	Lower	Upper
154	100		
153	44.0	32.2	48.2
76	11.4	9.6	14.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BGC



#44

Dimethylphthalate

Concen: 2.09 ng/ul

RT: 14.30 min Scan# 1950

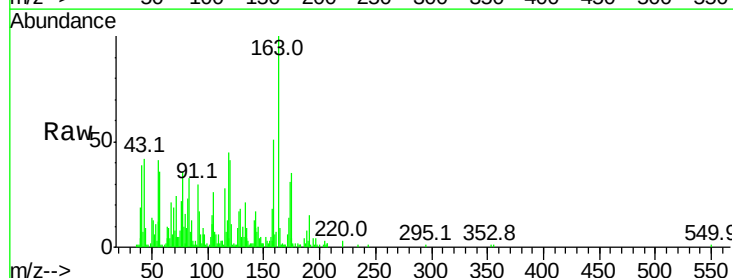
Delta R.T. -0.00 min

Lab File: BG025214.D

Acq: 15 Dec 2016 16:40

Tgt Ion:163 Resp: 33578

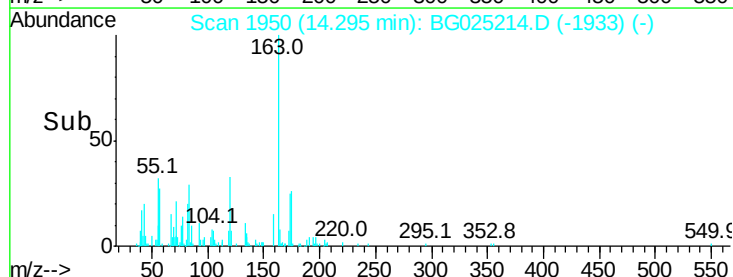
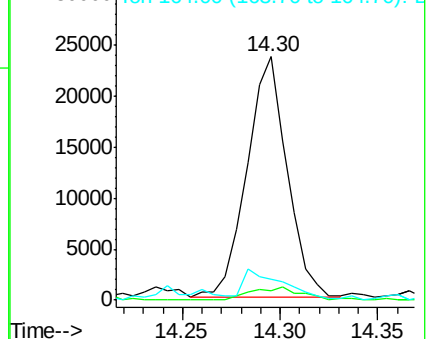
Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.4	5.0
164	8.7	9.0	13.4#

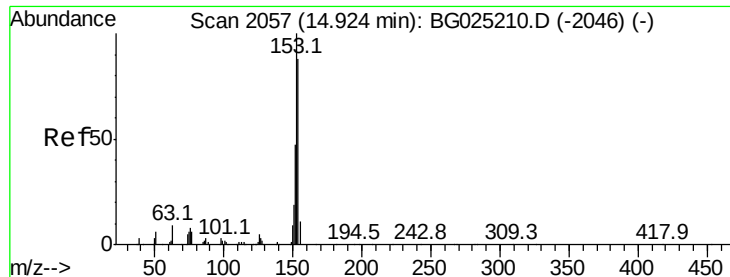


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#49

Acenaphthene

Concen: 1.56 ng/ul

RT: 14.92 min Scan# 2057

Delta R.T. -0.00 min

Lab File: BG025214.D

Acq: 15 Dec 2016 16:40

Instrument :

BNA_G

ClientSampled :

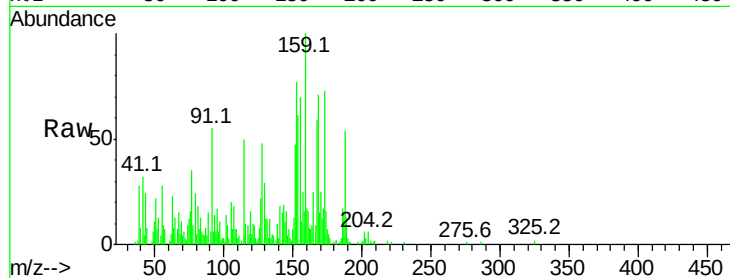
Tot Ion:153 Resp: 18560

Ion Ratio Lower Upper

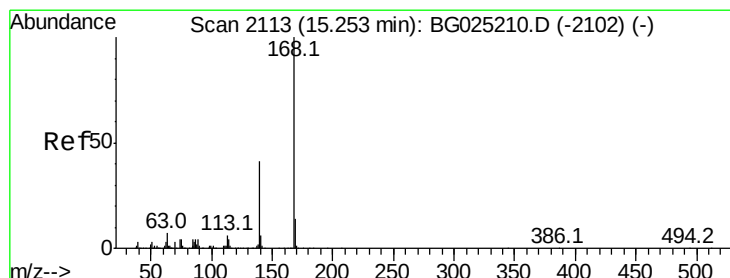
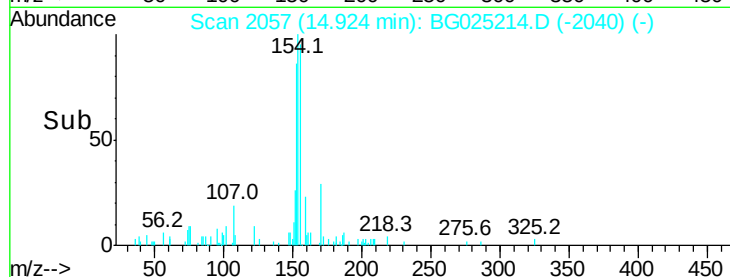
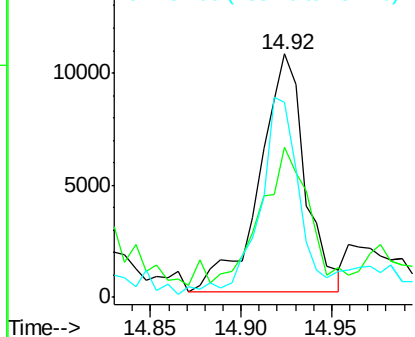
153 100

152 61.8 36.5 54.7#

154 79.9 72.3 108.5



Abundance Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E
Ion 154.00 (153.70 to 154.70): E



#53

Dibenzofuran

Concen: 1.78 ng/ul

RT: 15.25 min Scan# 2113

Delta R.T. -0.00 min

Lab File: BG025214.D

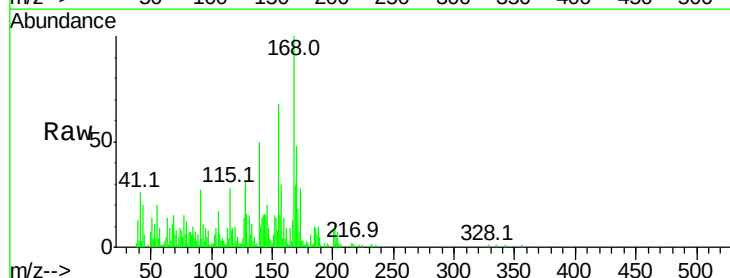
Acq: 15 Dec 2016 16:40

Tgt Ion:168 Resp: 33453

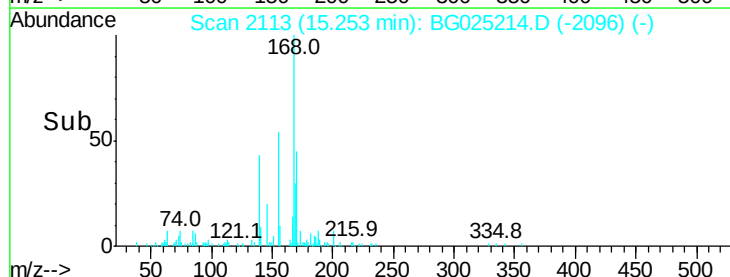
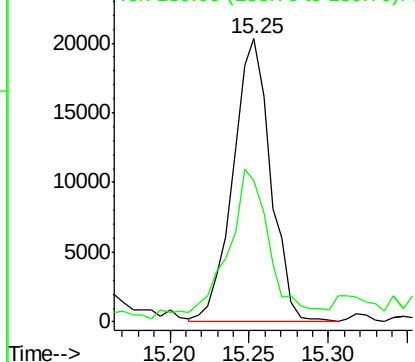
Ion Ratio Lower Upper

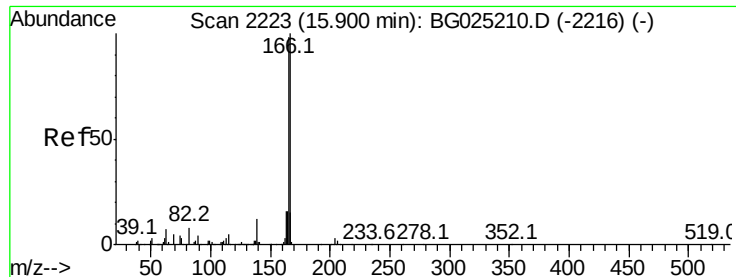
168 100

139 50.0 33.8 50.8



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E





#58

Fluorene

Concen: 3.02 ng/ul

RT: 15.90 min Scan# 2223

Delta R.T. -0.00 min

Lab File: BG025214.D

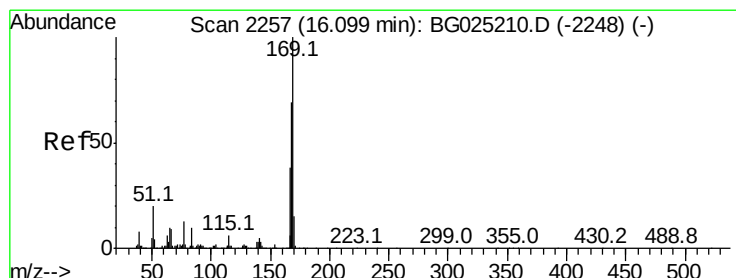
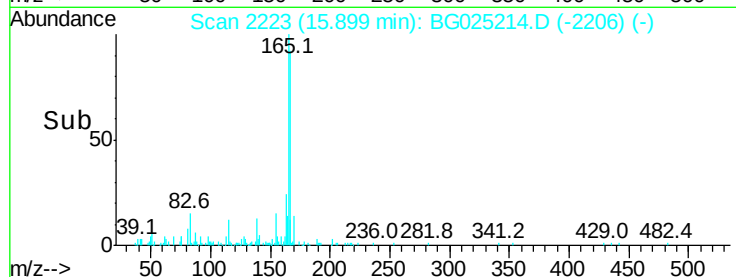
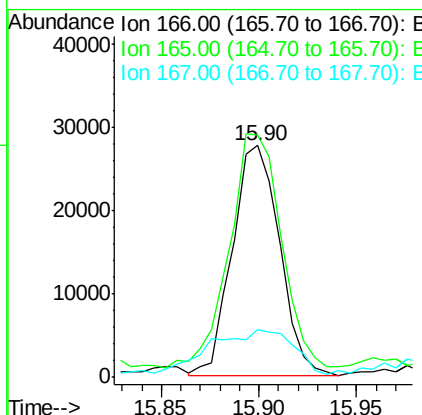
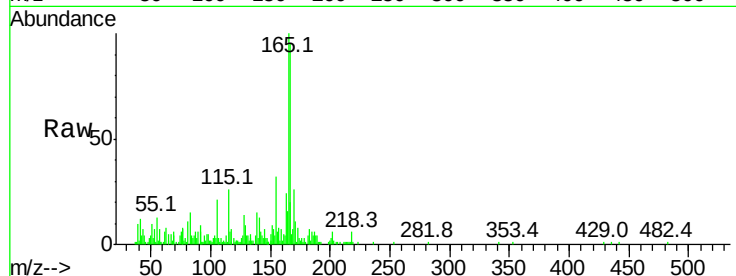
Acq: 15 Dec 2016 16:40

Instrument :

BNA_G

ClientSampleId :

Tot Ion	Ratio	Lower	Upper
166	100		
165	104.7	79.7	119.5
167	20.5	11.4	17.2#



#64

N-Nitrosodiphenylamine

Concen: 1.13 ng/ul

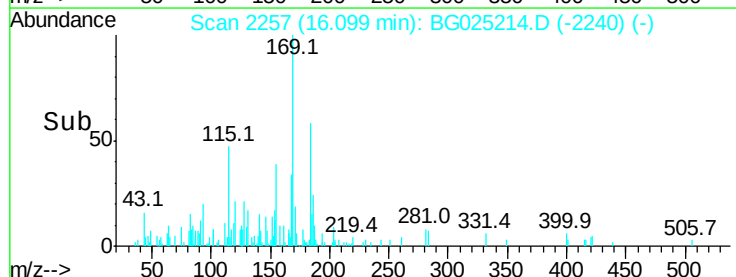
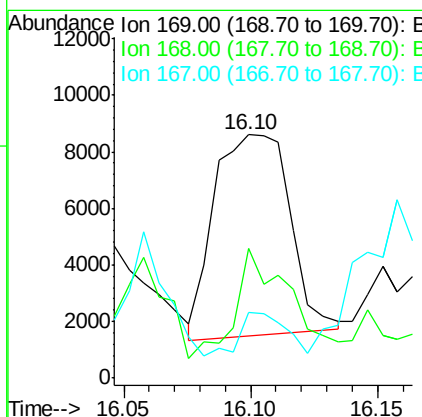
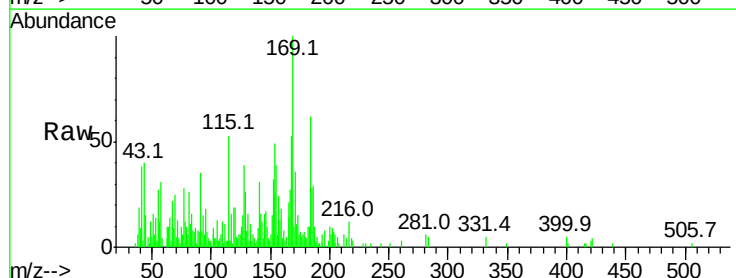
RT: 16.10 min Scan# 2257

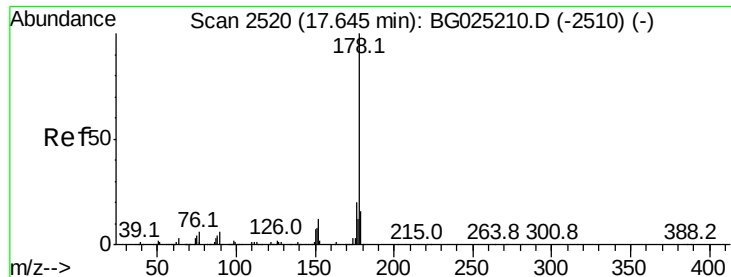
Delta R.T. -0.00 min

Lab File: BG025214.D

Acq: 15 Dec 2016 16:40

Tgt Ion	Ratio	Lower	Upper
169	100		
168	53.3	59.1	88.7#
167	26.8	29.7	44.5#





#69

Phenanthrene

Concen: 1.14 ng/ul

RT: 17.64 min Scan# 2519

Delta R.T. -0.01 min

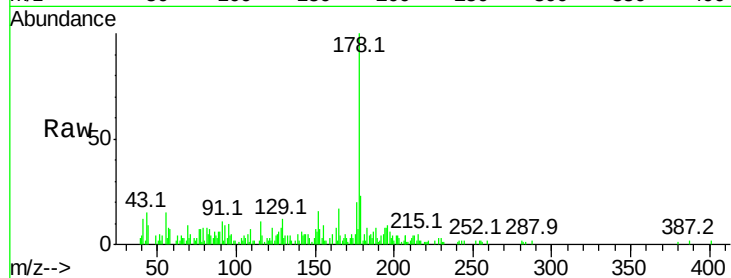
Lab File: BG025214.D

Acq: 15 Dec 2016 16:40

Instrument :

BNA_G

ClientSampleId :



Tot Ion:178 Resp: 27717

Ion Ratio Lower Upper

178 100

179 22.8 12.4 18.6#

176 19.8 16.5 24.7

