

Data Path : Z:\HPCHEM1\BNA G\DATA\BG091515\
 Data File : BG018696.D
 Acq On : 15 Sep 2015 23:29
 Operator : UM/IZ
 Sample : G3641-12
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B0AM9

Quant Time: Sep 16 01:36:09 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG091015.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Sep 16 01:32:53 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	69464	20.00	ng/ul	0.00
18) Naphthalene-d8	10.81	136	303568	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.63	164	203854	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.37	188	522968	20.00	ng/ul	0.00
78) Chrysene-d12	21.63	240	540223	20.00	ng/ul	0.00
86) Perylene-d12	24.81	264	550251	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.44	96	2290	1.58	ng/uL	0.00
5) Phenol-d5	7.17	99	49443	8.67	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.33	67	100518	30.41	ng/ul	0.00
9) 2-Chlorophenol-d4	7.54	132	115479	26.73	ng/ul	0.00
13) 4-Methylphenol-d8	8.71	113	87784	18.97	ng/ul	0.00
19) Nitrobenzene-d5	9.16	128	74946	32.59	ng/ul	0.00
22) 2-Nitrophenol-d4	9.88	143	77959	33.71	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.42	165	150493	30.90	ng/ul	0.00
29) 4-Chloroaniline-d4	10.93	131	27032	4.77	ng/ul	0.00
44) Dimethylphthalate-d6	14.03	166	482975	29.44	ng/ul	0.00
47) Acenaphthylene-d8	14.32	160	612491	31.51	ng/ul	0.00
52) 4-Nitrophenol-d4	14.83	143	25042	7.95	ng/ul	0.00
58) Fluorene-d10	15.62	176	448611	31.27	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.73	200	62426	25.22	ng/ul	0.00
71) Anthracene-d10	17.47	188	727040	31.58	ng/ul	0.00
79) Pyrene-d10	19.75	212	757845	30.49	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.60	264	769305	28.73	ng/ul	0.00

Target Compounds

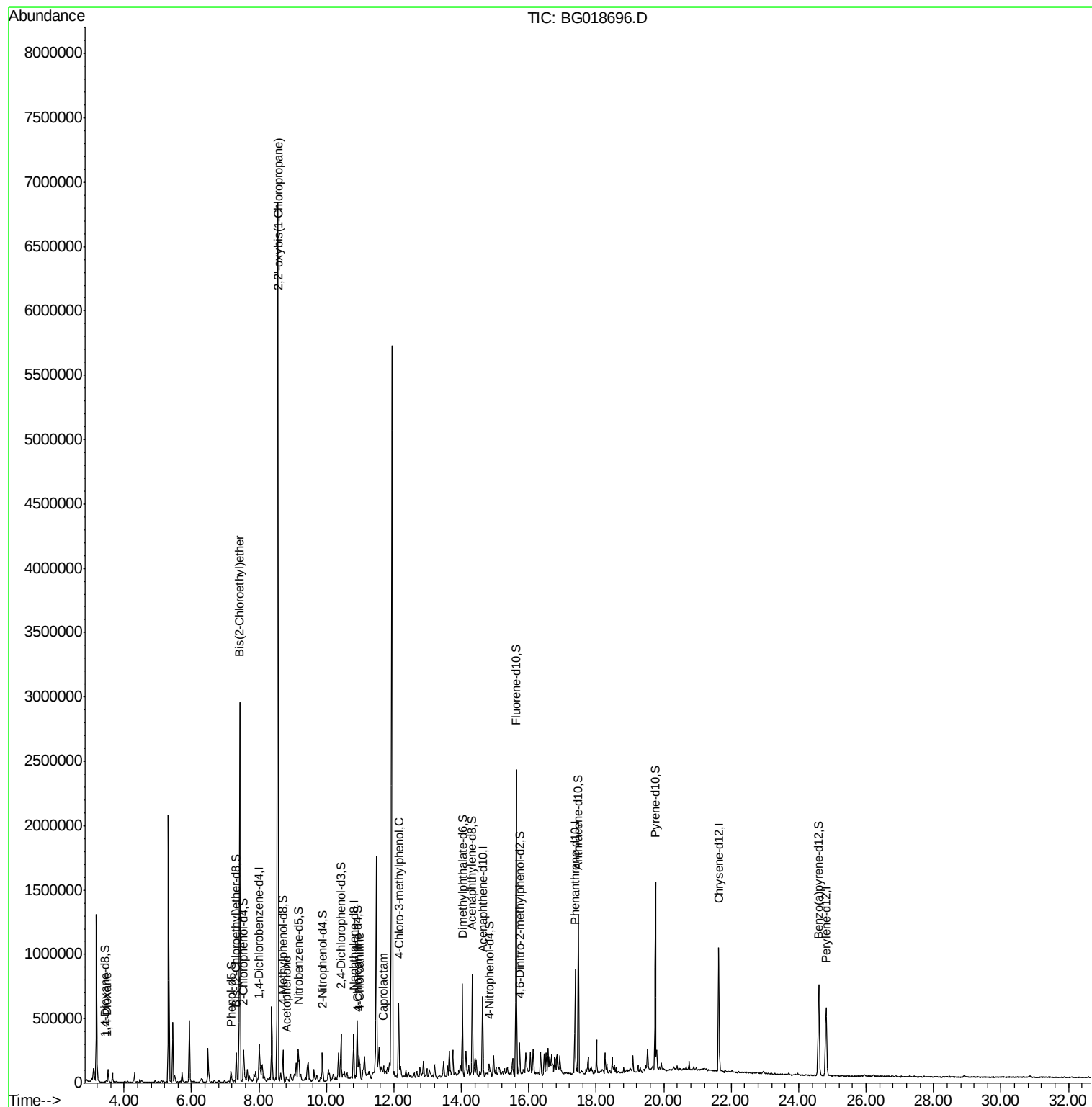
						Ovalue
2) 1,4-Dioxane	3.48	88	5264	3.37	ng/uL#	76
8) Bis(2-Chloroethyl)ether	7.43	93	1744799	395.94	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.56	45	135419	25.89	ng/ul#	70
14) Acetophenone	8.81	105	22341	3.17	ng/ul#	32
30) 4-Chloroaniline	10.96	127	80913	13.81	ng/ul	100
32) Caprolactam	11.69	113	8040	4.03	ng/ul#	69
33) 4-Chloro-3-methylphenol	12.14	107	122199	23.52	ng/ul#	18

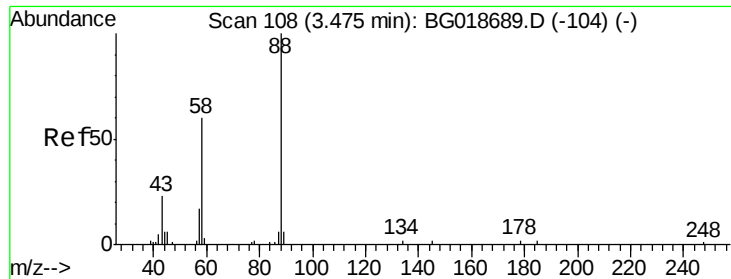
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 3.37 ng/uL

RT: 3.48 min Scan# 109

Delta R.T. 0.00 min

Lab File: BG018696.D

Acq: 15 Sep 2015 23:29

Instrument :

BNA_G

ClientSampleId :

B0AM9

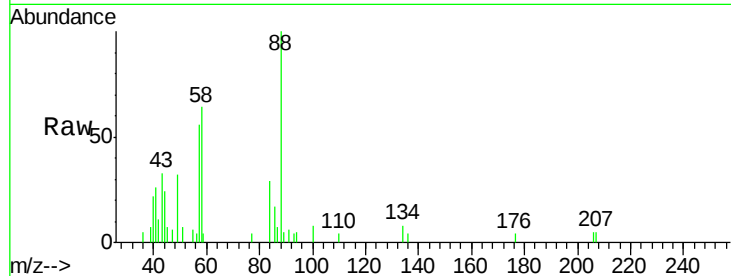
Tot Ion: 88 Resp: 5264

Ion Ratio Lower Upper

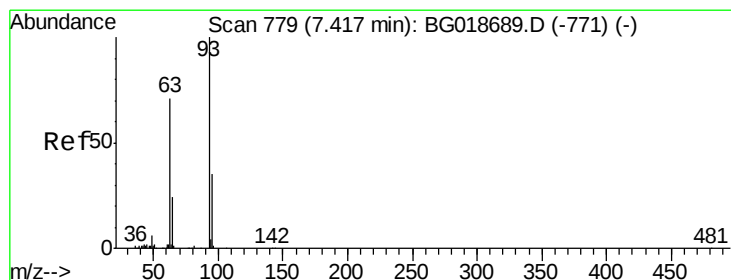
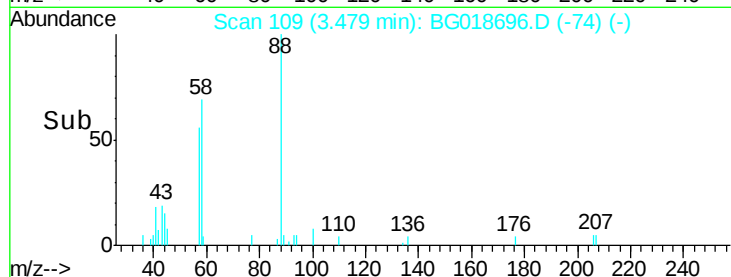
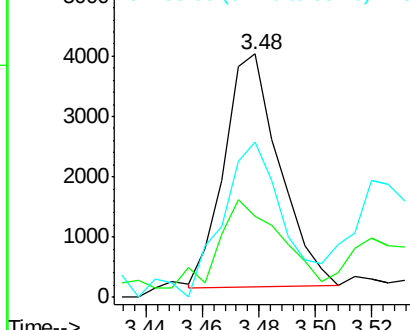
88 100

43 33.1 33.0 49.4

58 63.6 73.4 110.0#



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 43.00 (42.70 to 43.70): BGC
Ion 58.00 (57.70 to 58.70): BGC



#8

Bis(2-Chloroethyl)ether

Concen: 395.94 ng/uL

RT: 7.43 min Scan# 781

Delta R.T. 0.01 min

Lab File: BG018696.D

Acq: 15 Sep 2015 23:29

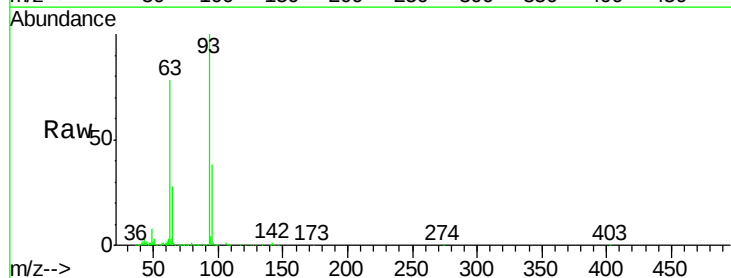
Tgt Ion: 93 Resp: 1744799

Ion Ratio Lower Upper

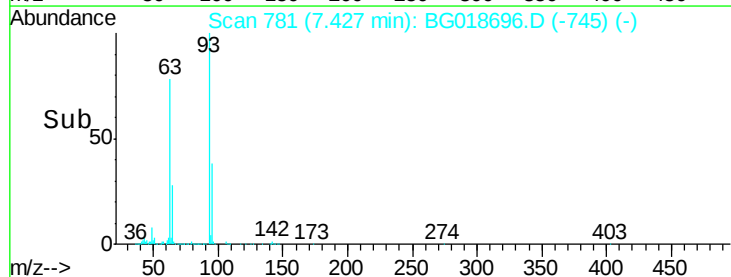
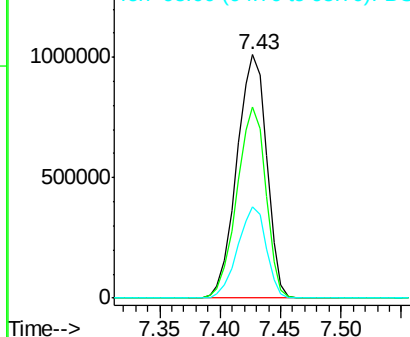
93 100

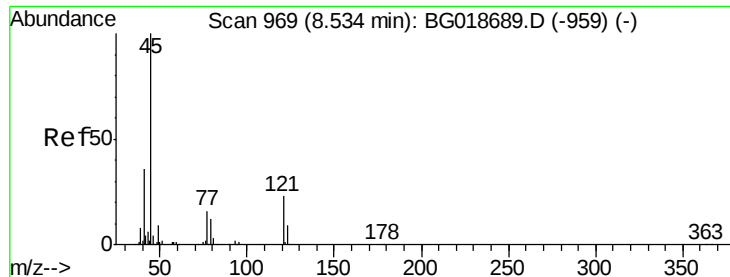
63 78.5 61.4 92.2

95 37.7 25.9 38.9



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC

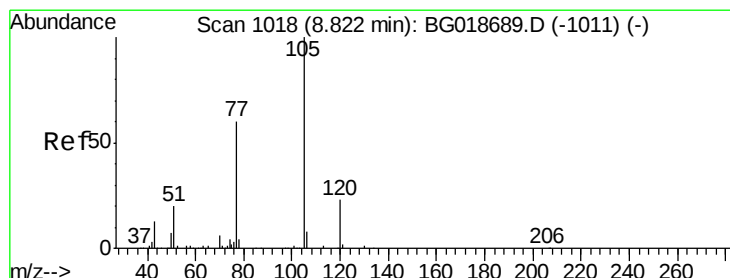
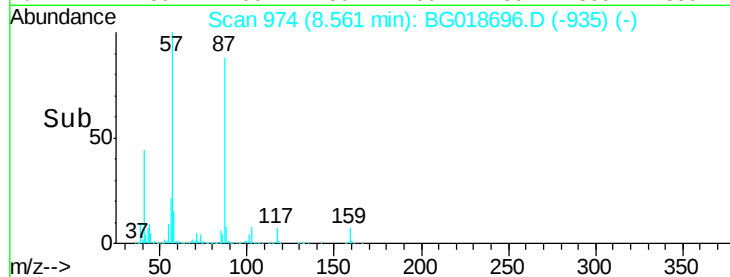
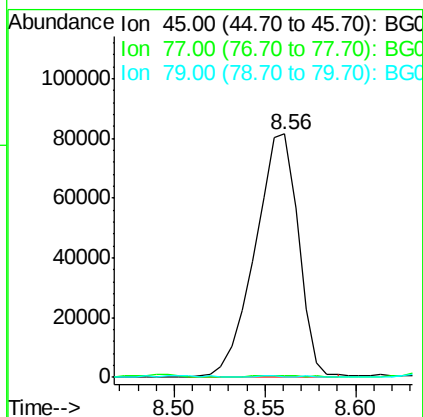
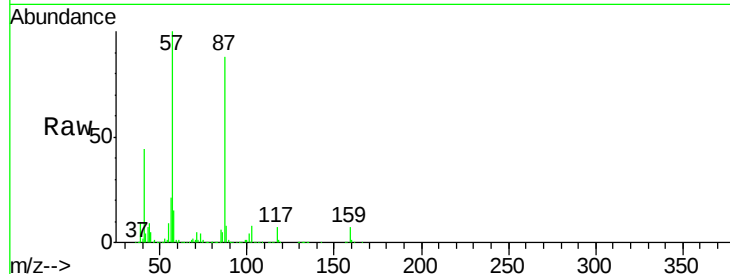




#12
 2,2'-oxvbis(1-chloropropane)
 Concen: 25.89 ng/ul
 RT: 8.56 min Scan# 974
 Delta R.T. 0.03 min
 Lab File: BG018696.D
 Acq: 15 Sep 2015 23:29

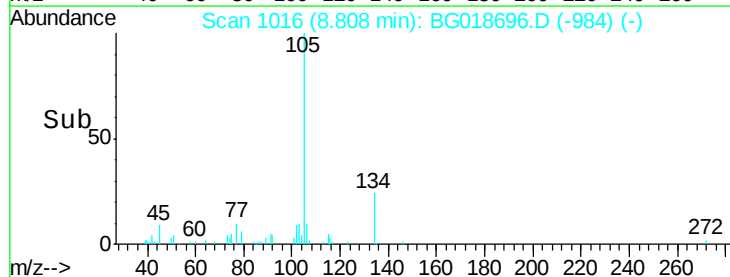
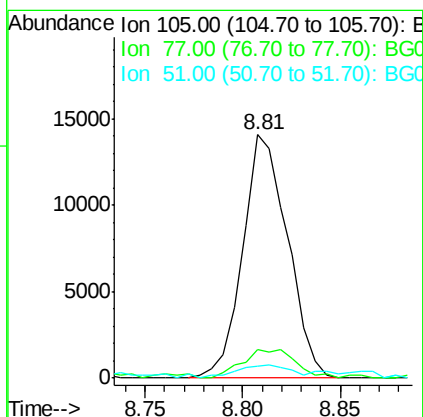
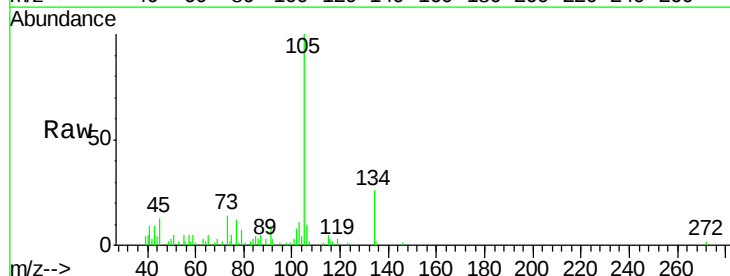
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 BNA_G
 ClientSampled :
 B0AM9

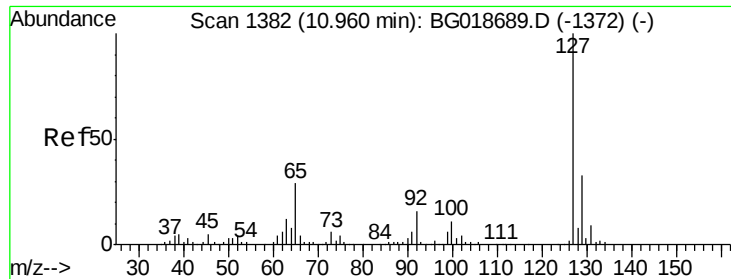
Tot Ion: 45 Resp: 135419
 Ion Ratio Lower Upper
 45 100
 77 0.7 11.3 16.9#
 79 0.4 7.8 11.8#



#14
 Acetophenone
 Concen: 3.17 ng/ul
 RT: 8.81 min Scan# 1016
 Delta R.T. -0.01 min
 Lab File: BG018696.D
 Acq: 15 Sep 2015 23:29

Tgt Ion: 105 Resp: 22341
 Ion Ratio Lower Upper
 105 100
 77 11.9 61.9 92.9#
 51 4.9 25.5 38.3#

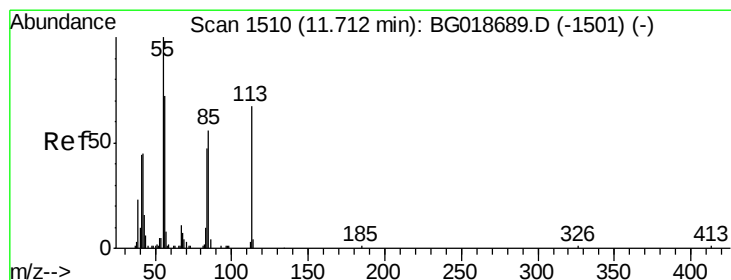
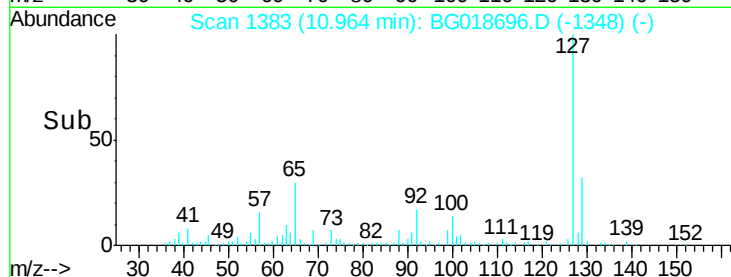
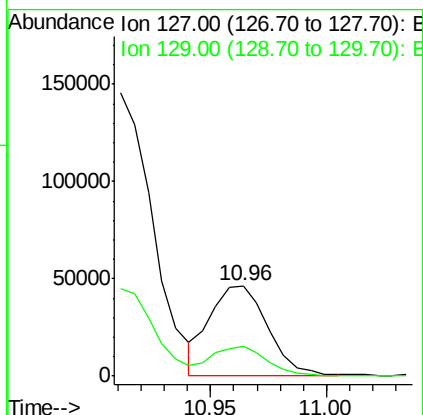
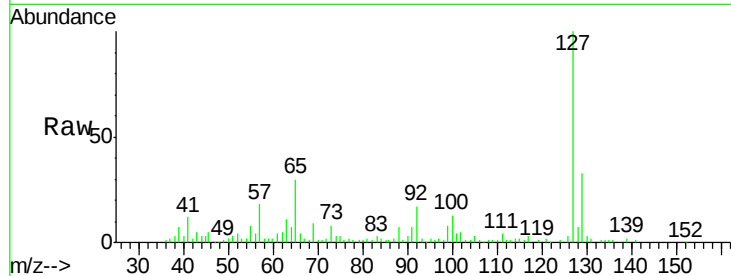




#30
 4-Chloroaniline
 Concen: 13.81 ng/ul
 RT: 10.96 min Scan# 1383
 Delta R.T. 0.00 min
 Lab File: BG018696.D
 Acq: 15 Sep 2015 23:29

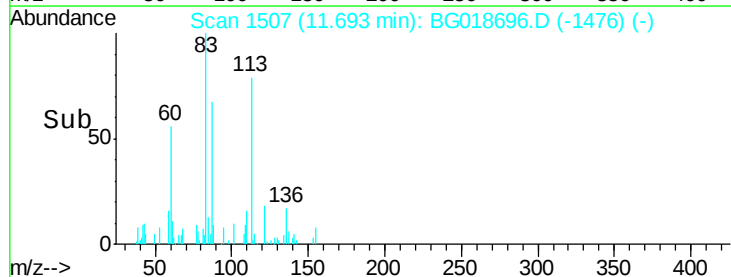
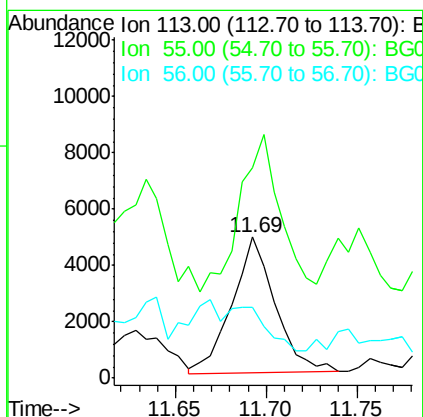
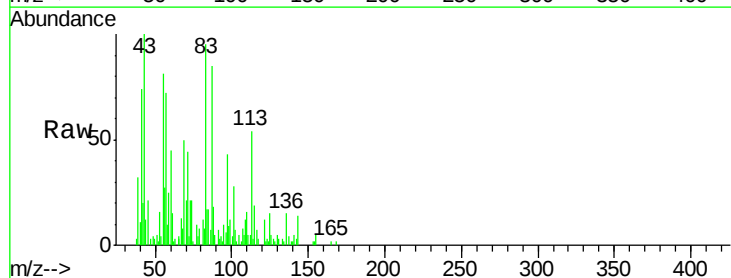
Instrument :
 BNA_G
 ClientSampleId :
 B0AM9

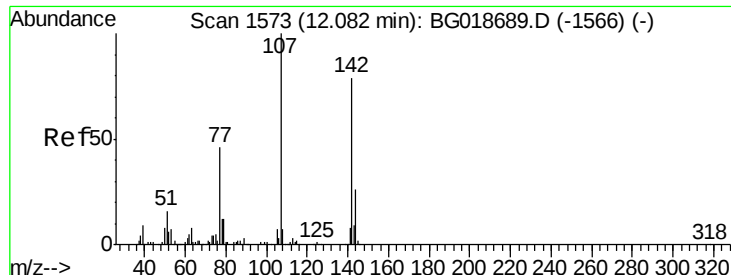
Tot Ion:127 Resp: 80913
 Ion Ratio Lower Upper
 127 100
 129 33.2 26.7 40.1



#32
 Caprolactam
 Concen: 4.03 ng/ul
 RT: 11.69 min Scan# 1507
 Delta R.T. -0.02 min
 Lab File: BG018696.D
 Acq: 15 Sep 2015 23:29

Tgt Ion:113 Resp: 8040
 Ion Ratio Lower Upper
 113 100
 55 149.5 124.2 186.4
 56 50.3 98.2 147.4#





#33

4-Chloro-3-methylphenol

Concen: 23.52 ng/ul

RT: 12.14 min Scan# 1583

Delta R.T. 0.06 min

Lab File: BG018696.D

Acq: 15 Sep 2015 23:29

Instrument :

BNA_G

ClientSampleId :

B0AM9

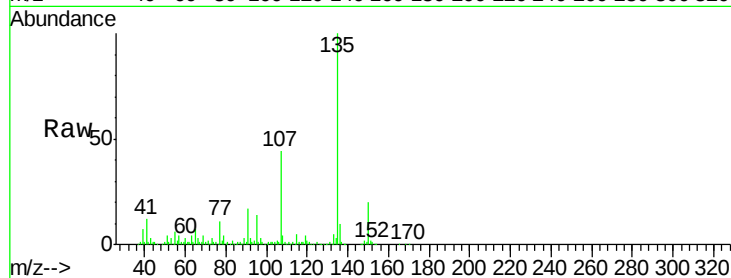
Tot Ion:107 Resp: 122199

Ion Ratio Lower Upper

107 100

144 0.0 21.4 32.2#

142 0.0 66.0 99.0#



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

