

Data Path : Z:\HPCHEM1\BNA G\DATA\BG091515\
 Data File : BG018695.D
 Acq On : 15 Sep 2015 22:51
 Operator : UM/IZ
 Sample : G3641-11
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B0AM8

Quant Time: Sep 16 01:36:00 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	69303	20.00	ng/ul	0.00
18) Naphthalene-d8	10.81	136	306011	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.63	164	202037	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.37	188	523136	20.00	ng/ul	0.00
78) Chrysene-d12	21.62	240	544090	20.00	ng/ul	0.00
86) Perylene-d12	24.81	264	540605	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.44	96	1878	1.30	ng/uL	0.00
5) Phenol-d5	7.16	99	46779	8.22	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.33	67	106025	32.15	ng/ul	0.00
9) 2-Chlorophenol-d4	7.54	132	121370	28.16	ng/ul	0.00
13) 4-Methylphenol-d8	8.71	113	88068	19.07	ng/ul	0.00
19) Nitrobenzene-d5	9.16	128	76564	33.02	ng/ul	0.00
22) 2-Nitrophenol-d4	9.88	143	85820	36.81	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.43	165	163180	33.24	ng/ul	0.00
29) 4-Chloroaniline-d4	10.93	131	15915	2.79	ng/ul	0.00
44) Dimethylphthalate-d6	14.03	166	536676	33.01	ng/ul	0.00
47) Acenaphthylene-d8	14.32	160	673847	34.97	ng/ul	0.00
52) 4-Nitrophenol-d4	14.84	143	20298	6.50	ng/ul	0.02
58) Fluorene-d10	15.62	176	494070	34.75	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.73	200	61125	24.68	ng/ul	0.00
71) Anthracene-d10	17.37	188	523136	22.71	ng/ul	-0.10
79) Pyrene-d10	19.75	212	831931	33.23	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.59	264	852931	32.42	ng/ul	0.00

Target Compounds

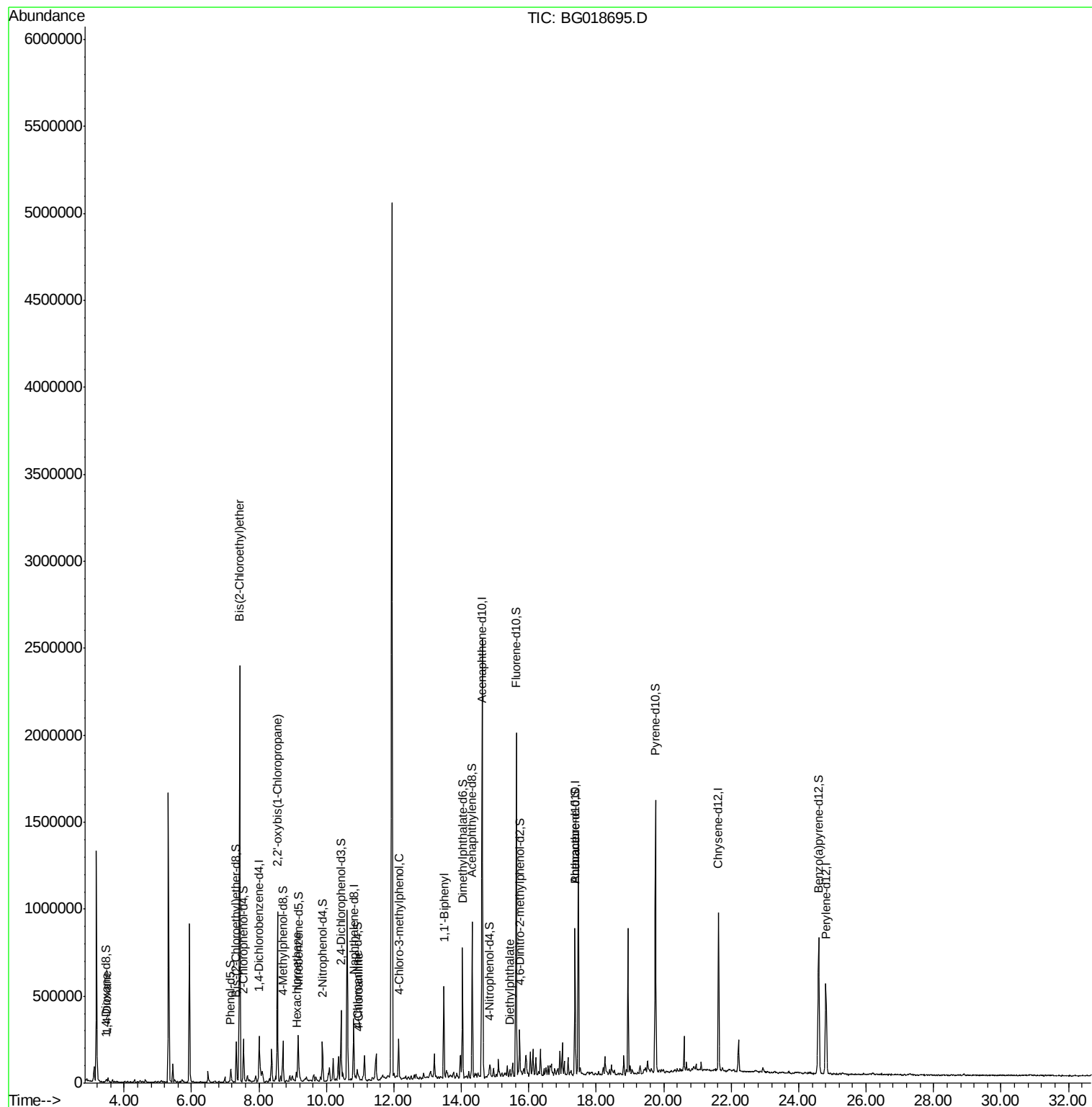
						Ovalue
2) 1,4-Dioxane	3.48	88	8871	5.69	ng/uL#	66
8) Bis(2-Chloroethyl)ether	7.43	93	1422345	323.51	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.54	45	10942	2.10	ng/ul#	79
17) Hexachloroethane	9.11	117	9525	5.36	ng/ul#	10
30) 4-Chloroaniline	10.95	127	6169	1.04	ng/ul	91
33) 4-Chloro-3-methylphenol	12.14	107	47663	9.10	ng/ul#	18
41) 1,1'-Biphenyl	13.48	154	21276	1.39	ng/ul#	90
57) Diethylphthalate	15.44	149	19752	1.21	ng/ul#	96

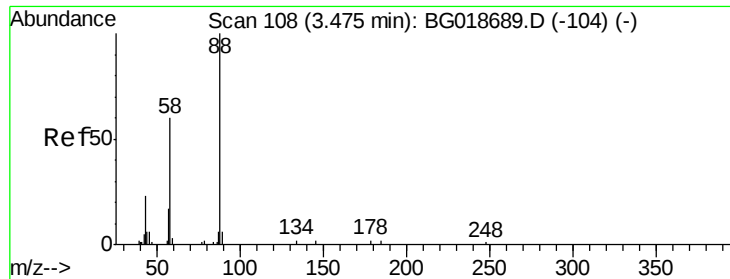
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 5.69 ng/uL

RT: 3.48 min Scan# 109

Delta R.T. 0.00 min

Lab File: BG018695.D

Acq: 15 Sep 2015 22:51

Instrument :

BNA_G

ClientSampleId :

B0AM8

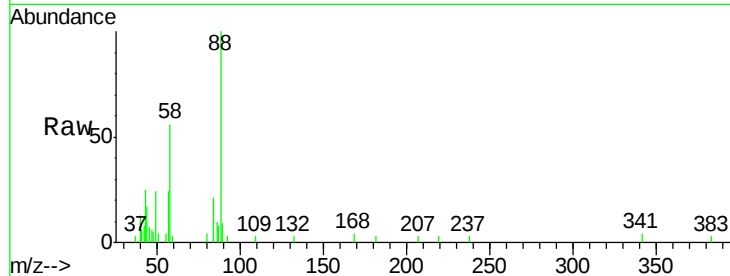
Tot Ion: 88 Resp: 8871

Ion Ratio Lower Upper

88 100

43 25.0 33.0 49.4#

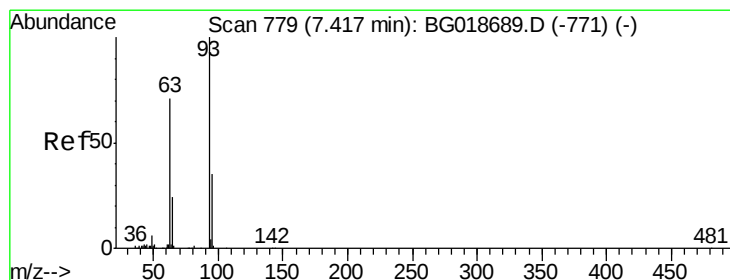
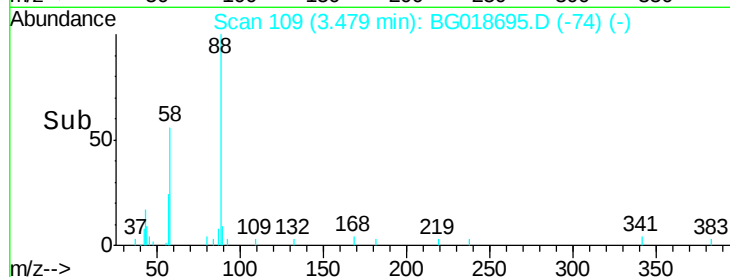
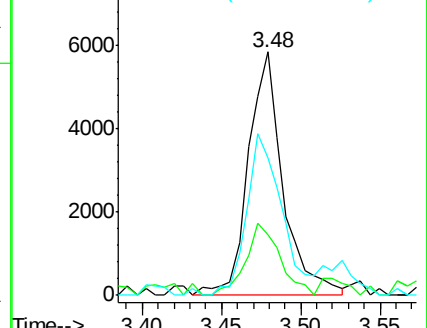
58 56.3 73.4 110.0#



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: 323.51 ng/uL

RT: 7.43 min Scan# 781

Delta R.T. 0.01 min

Lab File: BG018695.D

Acq: 15 Sep 2015 22:51

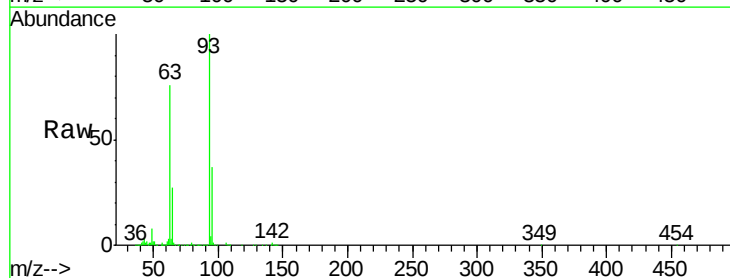
Tgt Ion: 93 Resp: 1422345

Ion Ratio Lower Upper

93 100

63 76.1 61.4 92.2

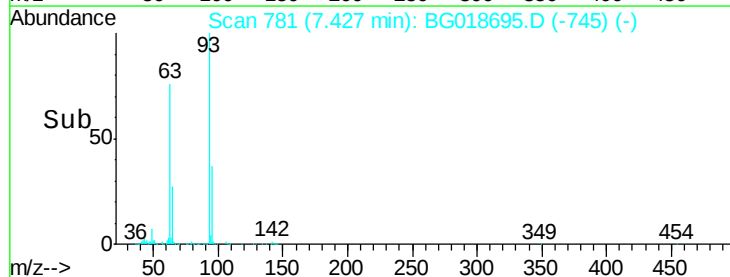
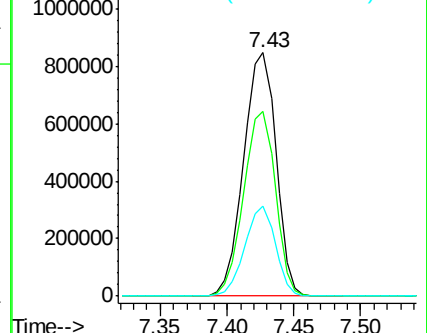
95 36.9 25.9 38.9

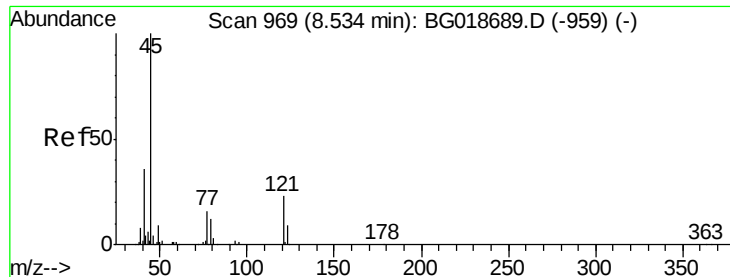


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 63.00 (62.70 to 63.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

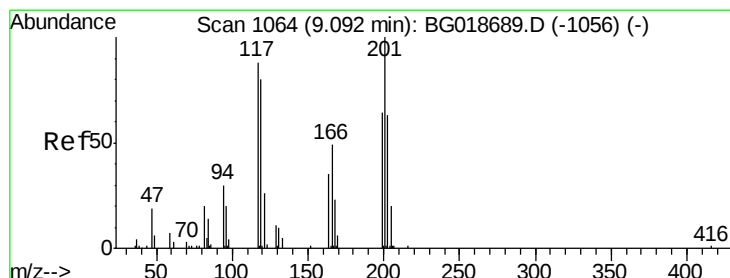
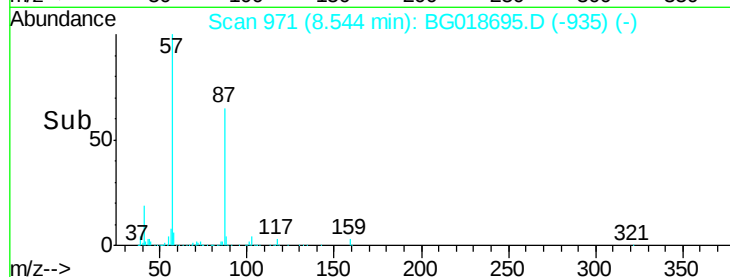
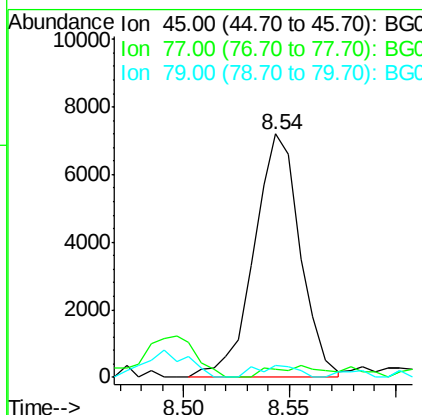
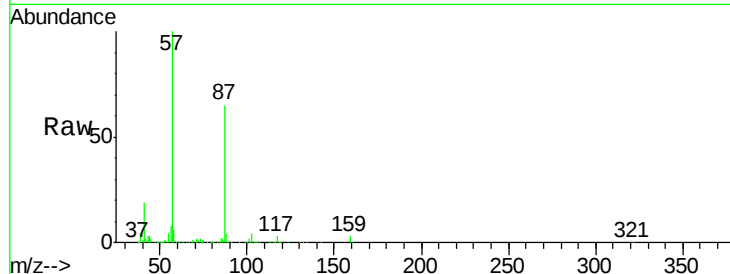




#12
 2,2'-oxvbis(1-Chloropropane)
 Concen: 2.10 ng/ul
 RT: 8.54 min Scan# 971
 Delta R.T. 0.01 min
 Lab File: BG018695.D
 Acq: 15 Sep 2015 22:51

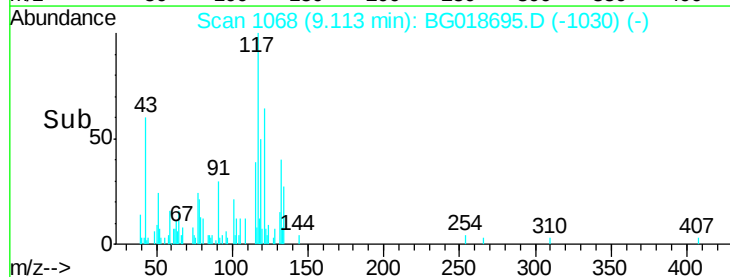
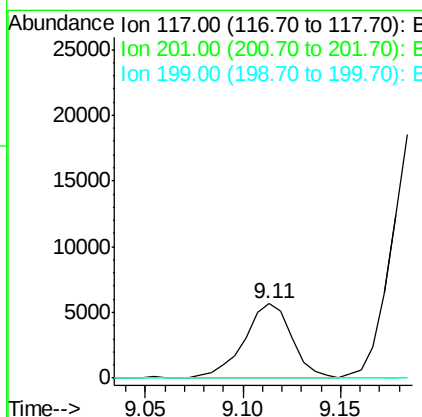
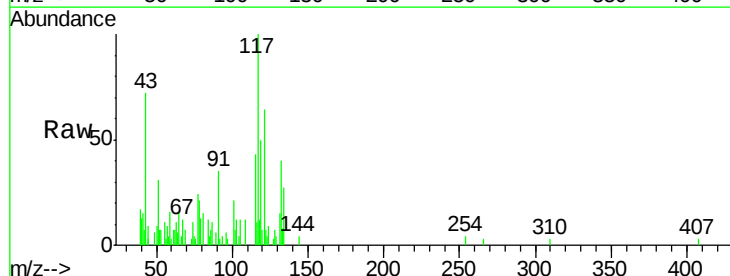
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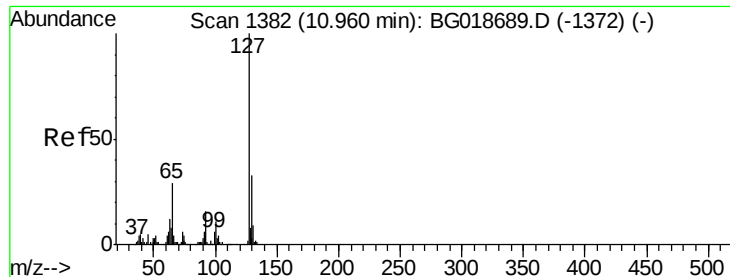
Tot Ion	Ratio	Lower	Upper
45	100		
77	3.1	11.3	16.9#
79	4.8	7.8	11.8#



#17
 Hexachloroethane
 Concen: 5.36 ng/ul
 RT: 9.11 min Scan# 1068
 Delta R.T. 0.02 min
 Lab File: BG018695.D
 Acq: 15 Sep 2015 22:51

Tgt Ion	Ratio	Lower	Upper
117	100		
201	0.0	73.6	110.4#
199	0.0	48.6	72.8#

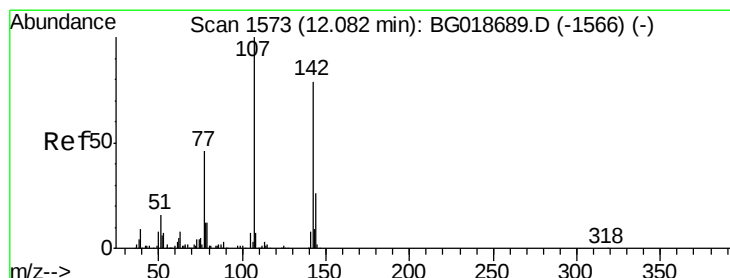
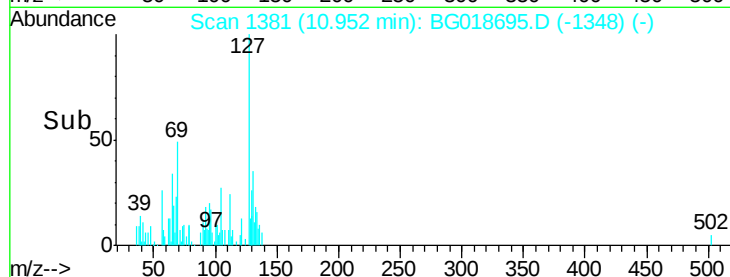
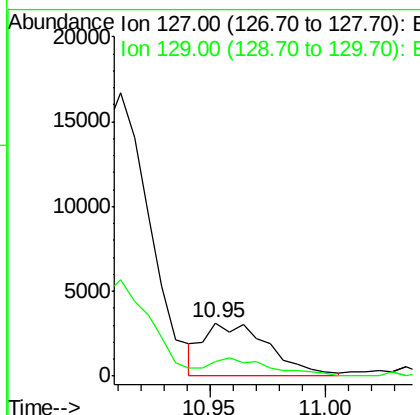
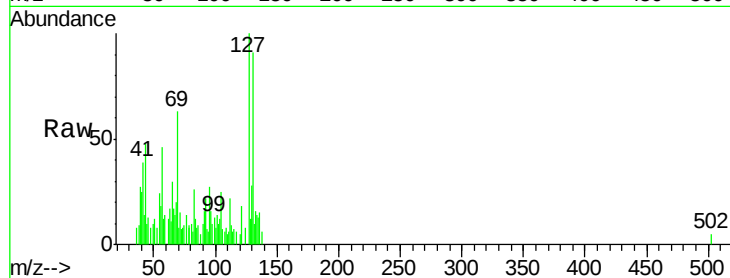




#30
4-Chloroaniline
Concen: 1.04 ng/ul
RT: 10.95 min Scan# 1381
Delta R.T. -0.01 min
Lab File: BG018695.D
Acq: 15 Sep 2015 22:51

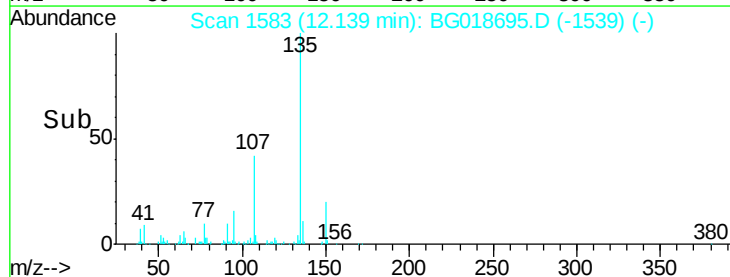
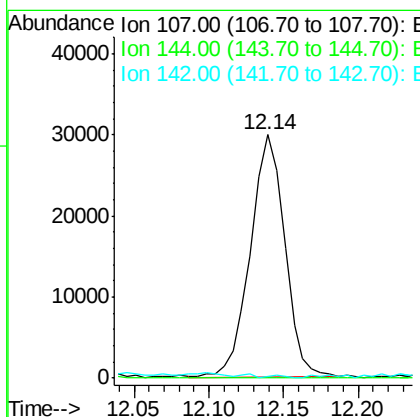
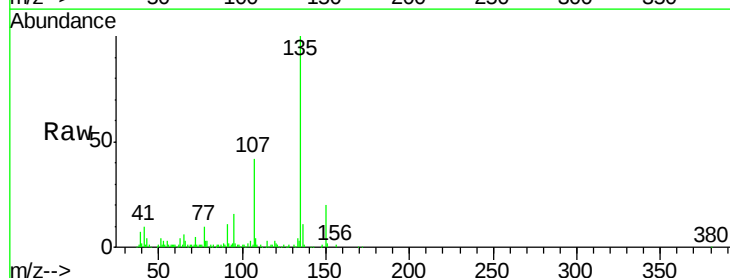
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BNA_G
ClientSampleId :
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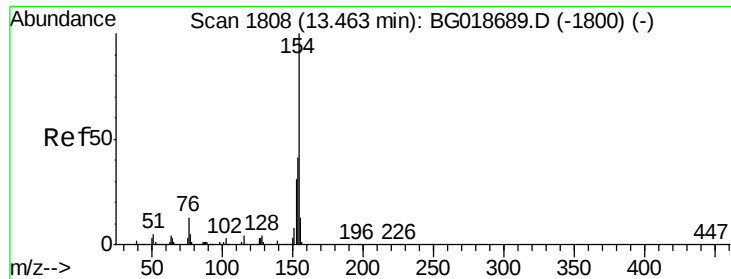
Tot Ion:127 Resp: 6169
Ion Ratio Lower Upper
127 100
129 28.3 26.7 40.1



#33
4-Chloro-3-methylphenol
Concen: 9.10 ng/ul
RT: 12.14 min Scan# 1583
Delta R.T. 0.06 min
Lab File: BG018695.D
Acq: 15 Sep 2015 22:51

Tgt Ion:107 Resp: 47663
Ion Ratio Lower Upper
107 100
144 0.0 21.4 32.2#
142 0.6 66.0 99.0#

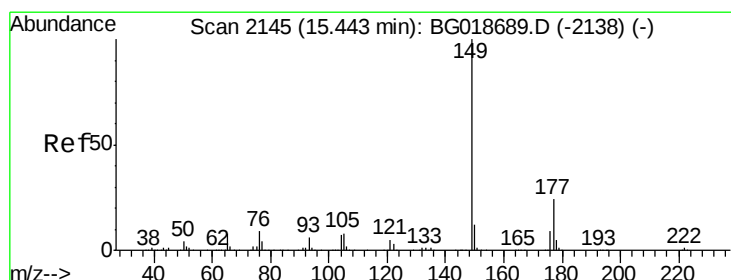
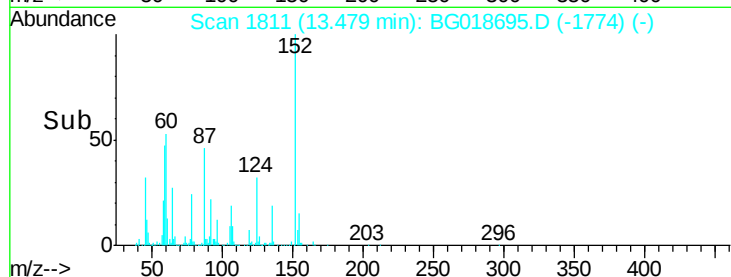
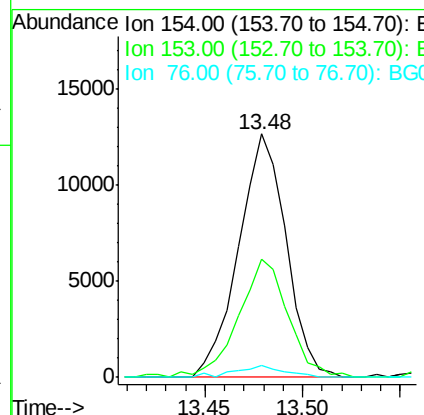
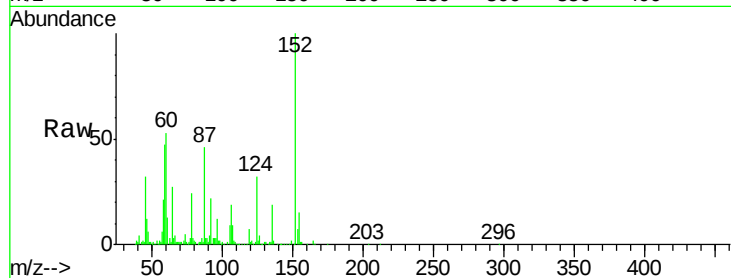




#41
 1,1'-Biphenyl
 Concen: 1.39 ng/ul
 RT: 13.48 min Scan# 1811
 Delta R.T. 0.02 min
 Lab File: BG018695.D
 Acq: 15 Sep 2015 22:51

Instrument :
 BNA_G
 ClientSampleId :
 B0AM8

Tot Ion	Ratio	Lower	Upper
154	100		
153	48.5	35.2	52.8
76	4.9	10.6	16.0



#57
 Diethylphthalate
 Concen: 1.21 ng/ul
 RT: 15.44 min Scan# 2144
 Delta R.T. -0.01 min
 Lab File: BG018695.D
 Acq: 15 Sep 2015 22:51

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.7	18.2	27.4
150	16.2	9.7	14.5

