

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120816\
 Data File : BG025021.D
 Acq On : 9 Dec 2016 00:34
 Operator : UM/SJ
 Sample : H5863-12
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DA7Y9

Quant Time: Dec 09 01:35:25 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 09 01:31:52 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.24	152	113781	20.00	ng/ul	0.00
18) Naphthalene-d8	11.07	136	482628	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.87	164	396937	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.60	188	848976	20.00	ng/ul	0.00
75) Chrysene-d12	21.90	240	1103995	20.00	ng/ul	0.00
83) Perylene-d12	25.31	264	1163938	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.60	96	8532	3.87	ng/uL	0.00
5) Phenol-d5	7.38	99	183252	18.67	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.56	67	128654	21.19	ng/ul	0.00
9) 2-Chlorophenol-d4	7.77	132	134790	19.64	ng/ul	0.00
13) 4-Methylphenol-d8	8.94	113	162706	19.83	ng/ul	0.00
19) Nitrobenzene-d5	9.42	128	76484	22.38	ng/ul	0.00
22) 2-Nitrophenol-d4	10.14	143	94291	22.13	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.68	165	174296	21.27	ng/ul	0.00
29) 4-Chloroaniline-d4	11.20	131	70629	8.77	ng/ul	0.00
43) Dimethylphthalate-d6	14.25	166	680460	24.92	ng/ul	0.00
46) Acenaphthylene-d8	14.56	160	671992	22.47	ng/ul	0.00
51) 4-Nitrophenol-d4	15.05	143	68814	14.66	ng/ul	0.00
57) Fluorene-d10	15.85	176	596095	23.19	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.96	200	97579	18.59	ng/ul	0.00
70) Anthracene-d10	17.60	188	848976	23.69	ng/ul	-0.10
76) Pyrene-d10	19.98	212	984080	21.64	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.08	264	1054353	22.36	ng/ul	0.00

Target Compounds

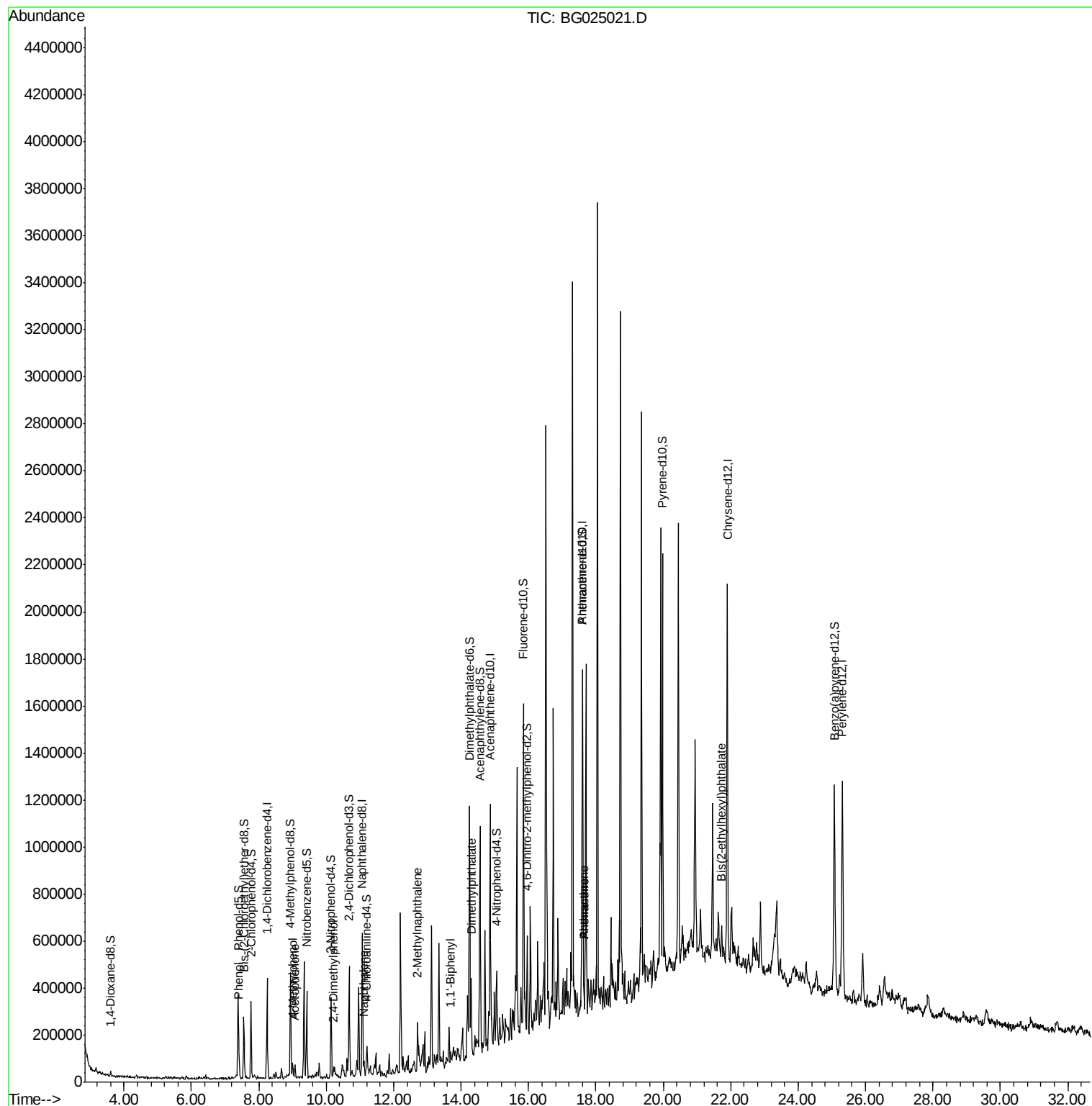
						Qvalue
6) Phenol	7.41	94	49597	4.92	ng/ul	95
14) Acetophenone	9.07	105	32068	2.57	ng/ul	97
16) 4-Methylphenol	9.00	108	25489	3.09	ng/ul	82
24) 2,4-Dimethylphenol	10.22	107	12882	1.30	ng/ul#	82
28) Naphthalene	11.12	128	43269	1.93	ng/ul#	92
34) 2-Methylnaphthalene	12.70	142	87447	4.94	ng/ul	89
40) 1,1'-Biphenyl	13.70	154	31644	1.31	ng/ul	91
44) Dimethylphthalate	14.30	163	137229	5.11	ng/ul#	92
69) Phenanthrene	17.64	178	57207	1.41	ng/ul	96
71) Anthracene	17.64	178	57505	1.38	ng/ul	97
81) Bis(2-ethylhexyl)phthalate	21.73	149	60784	2.13	ng/ul#	89

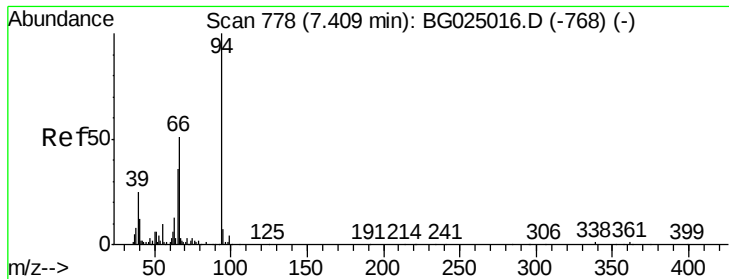
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Dec 09 01:31:52 2016
Response via : Initial Calibration





#6

Phenol

Concen: 4.92 ng/ul

RT: 7.41 min Scan# 778

Delta R.T. -0.00 min

Lab File: BG025021.D

Acq: 9 Dec 2016 00:34

Instrument :

BNA_G

ClientSampleId :

DA7Y9

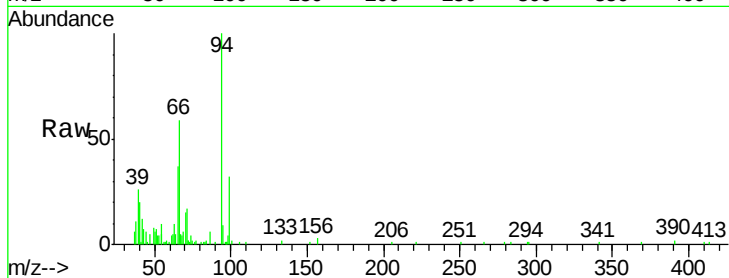
Tgt Ion: 94 Resp: 49597

Ion Ratio Lower Upper

94 100

65 37.0 26.8 40.2

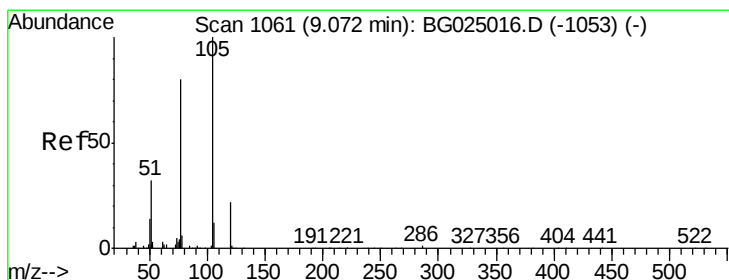
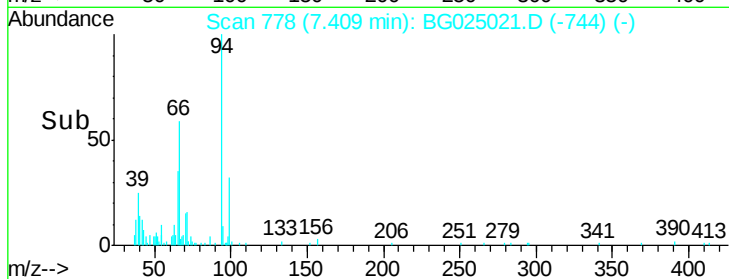
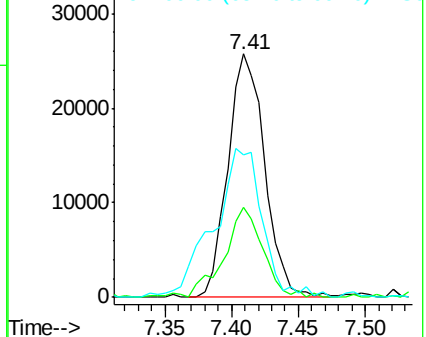
66 58.7 44.4 66.6



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: 2.57 ng/ul

RT: 9.07 min Scan# 1061

Delta R.T. -0.00 min

Lab File: BG025021.D

Acq: 9 Dec 2016 00:34

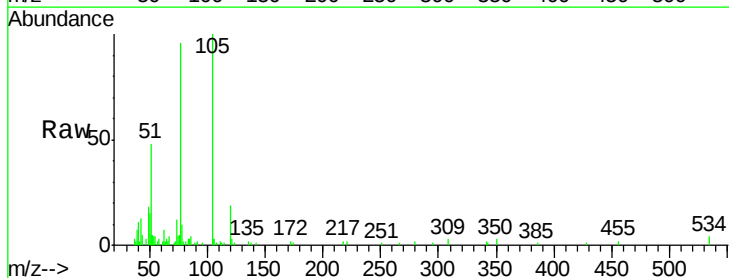
Tgt Ion: 105 Resp: 32068

Ion Ratio Lower Upper

105 100

77 96.0 76.0 114.0

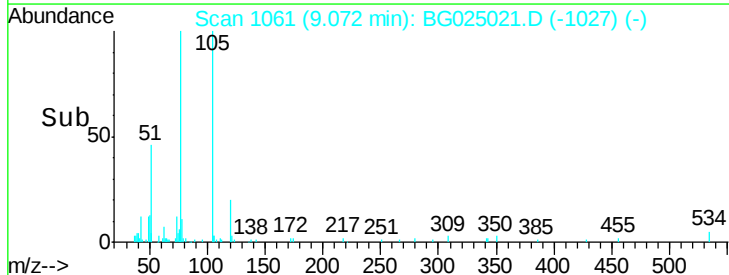
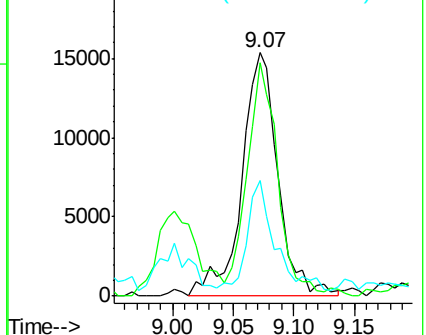
51 47.6 34.8 52.2

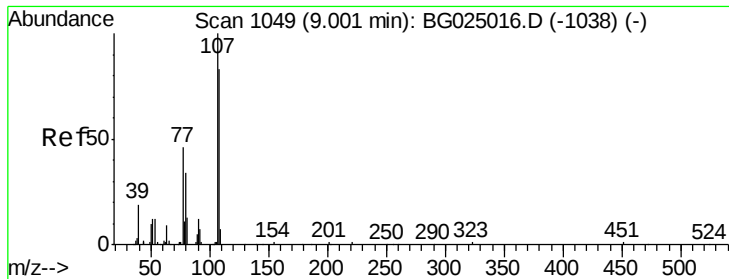


Abundance Ion 105.00 (104.70 to 105.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

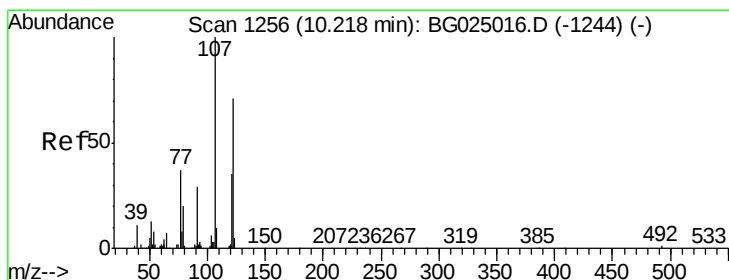
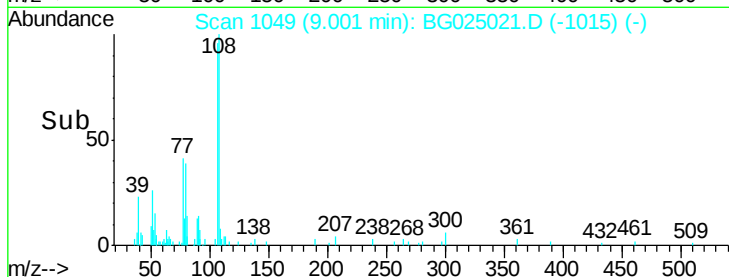
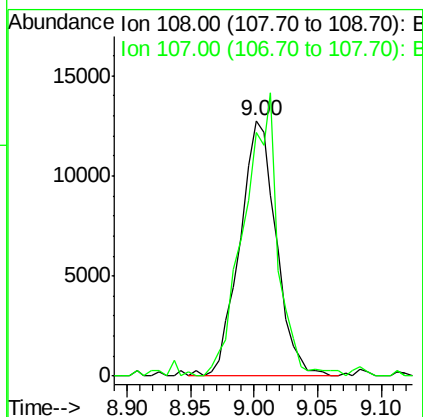
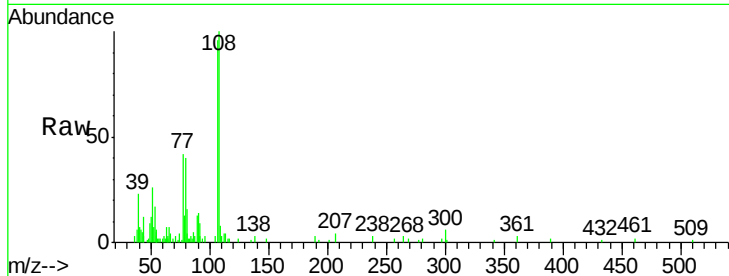




#16
4-Methylphenol
Concen: 3.09 ng/ul
RT: 9.00 min Scan# 1049
Delta R.T. -0.00 min
Lab File: BG025021.D
Acq: 9 Dec 2016 00:34

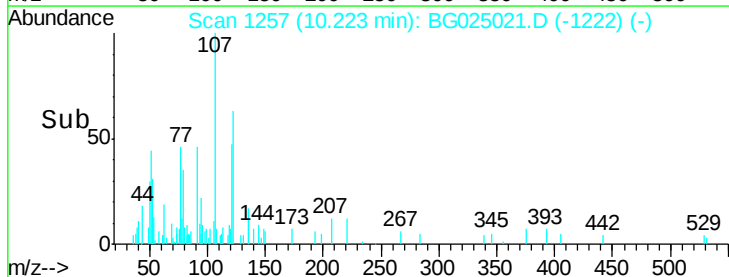
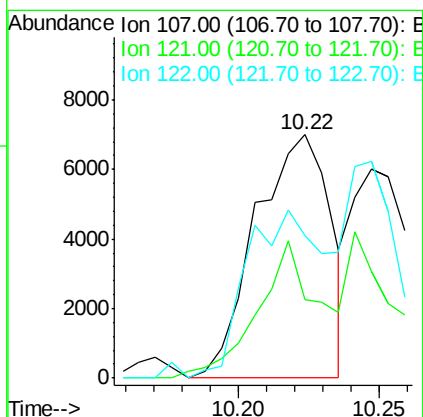
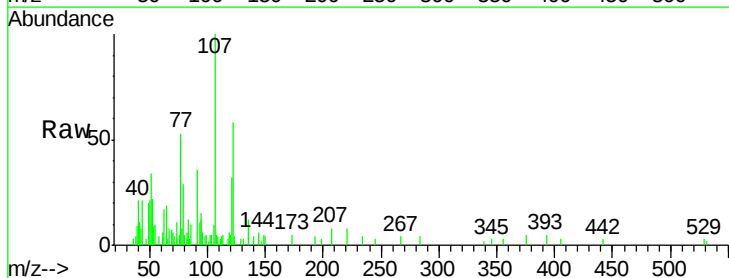
Instrument :
BNA_G
ClientSampleId :
DA7Y9

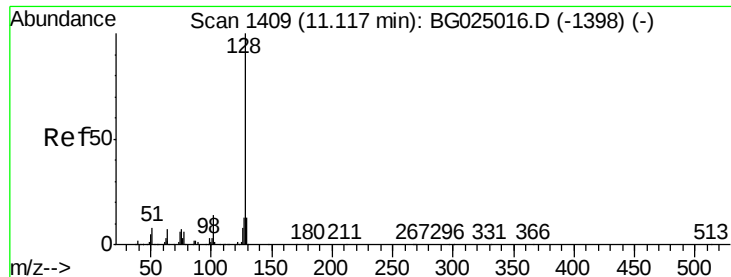
Tgt Ion:108 Resp: 25489
Ion Ratio Lower Upper
108 100
107 95.6 91.7 137.5



#24
2,4-Dimethylphenol
Concen: 1.30 ng/ul
RT: 10.22 min Scan# 1257
Delta R.T. 0.01 min
Lab File: BG025021.D
Acq: 9 Dec 2016 00:34

Tgt Ion:107 Resp: 12882
Ion Ratio Lower Upper
107 100
121 32.3 32.3 48.5#
122 58.3 61.2 91.8#

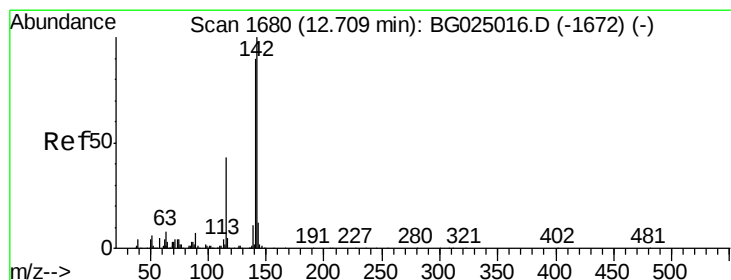
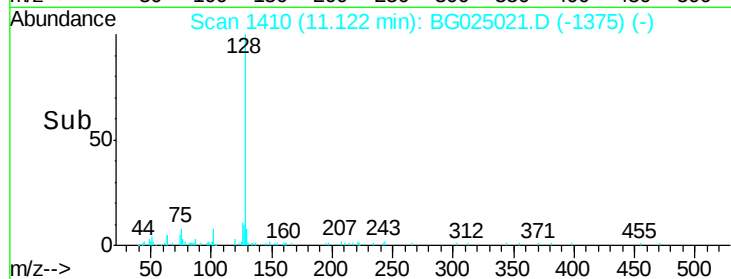
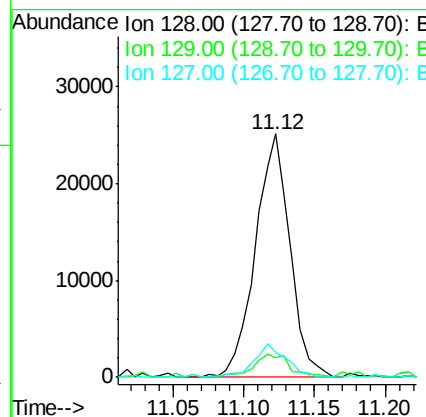
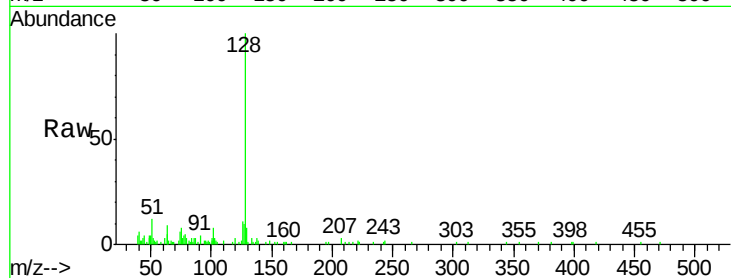




#28
Naphthalene
Concen: 1.93 ng/ul
RT: 11.12 min Scan# 1410
Delta R.T. 0.01 min
Lab File: BG025021.D
Acq: 9 Dec 2016 00:34

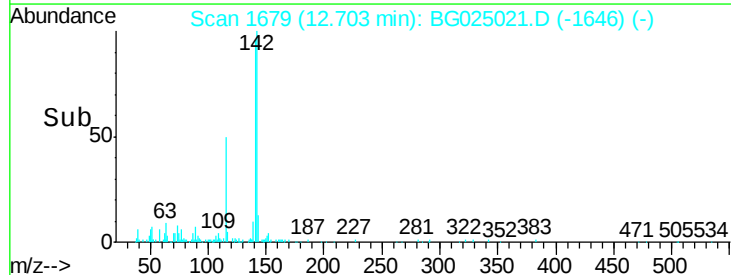
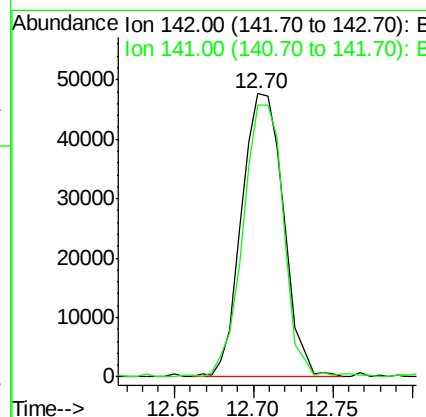
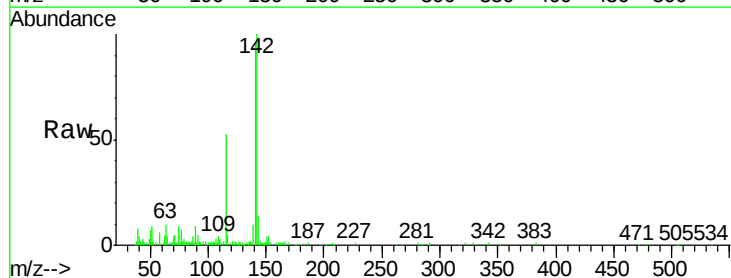
Instrument :
BNA_G
ClientSampleId :
DA7Y9

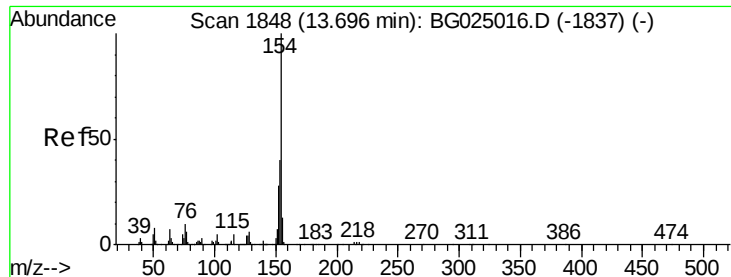
Tgt Ion:128 Resp: 43269
Ion Ratio Lower Upper
128 100
129 8.2 9.4 14.2#
127 10.2 10.3 15.5#



#34
2-Methylnaphthalene
Concen: 4.94 ng/ul
RT: 12.70 min Scan# 1679
Delta R.T. -0.01 min
Lab File: BG025021.D
Acq: 9 Dec 2016 00:34

Tgt Ion:142 Resp: 87447
Ion Ratio Lower Upper
142 100
141 96.1 68.6 102.8

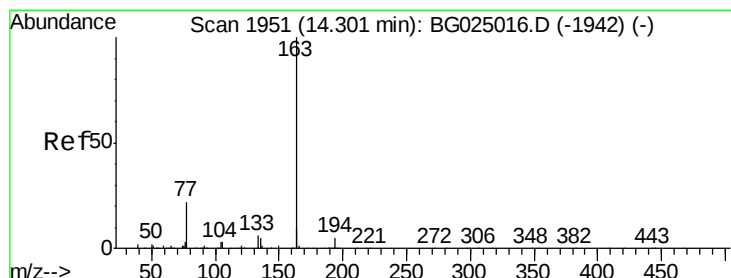
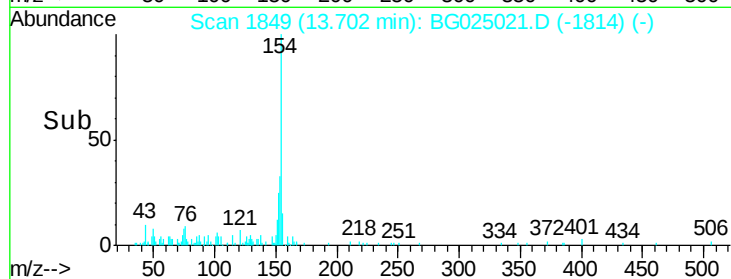
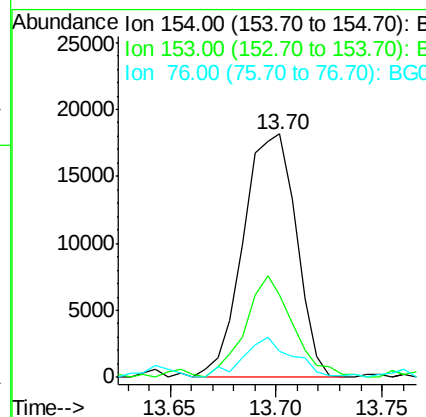
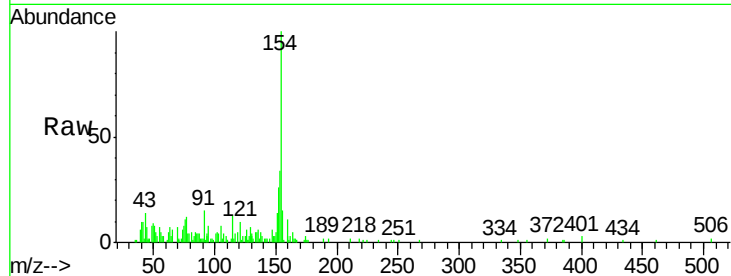




#40
 1,1'-Biphenyl
 Concen: 1.31 ng/ul
 RT: 13.70 min Scan# 1849
 Delta R.T. 0.01 min
 Lab File: BG025021.D
 Acq: 9 Dec 2016 00:34

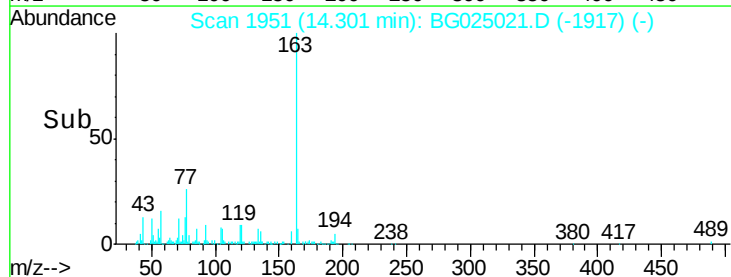
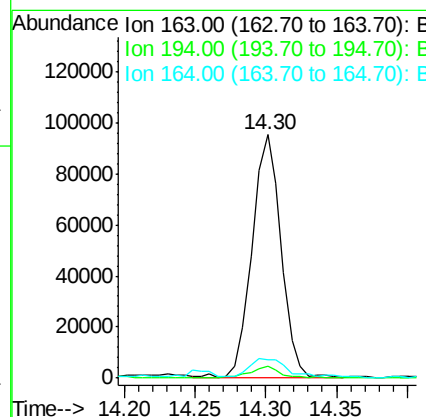
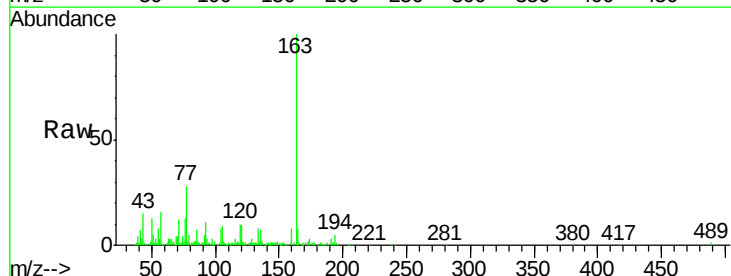
Instrument :
 BNA_G
 ClientSampleId :
 DA7Y9

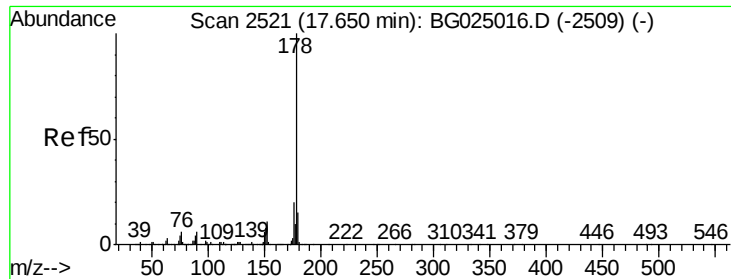
Tgt Ion:	154	Resp:	31644
Ion	Ratio	Lower	Upper
154	100		
153	33.6	32.2	48.2
76	10.8	9.6	14.4



#44
 Dimethylphthalate
 Concen: 5.11 ng/ul
 RT: 14.30 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: BG025021.D
 Acq: 9 Dec 2016 00:34

Tgt Ion:	163	Resp:	137229
Ion	Ratio	Lower	Upper
163	100		
194	5.0	3.4	5.0
164	7.6	9.0	13.4#





#69

Phenanthrene

Concen: 1.41 ng/ul

RT: 17.64 min Scan# 2520

Delta R.T. -0.01 min

Lab File: BG025021.D

Acq: 9 Dec 2016 00:34

Instrument :

BNA_G

ClientSampleId :

DA7Y9

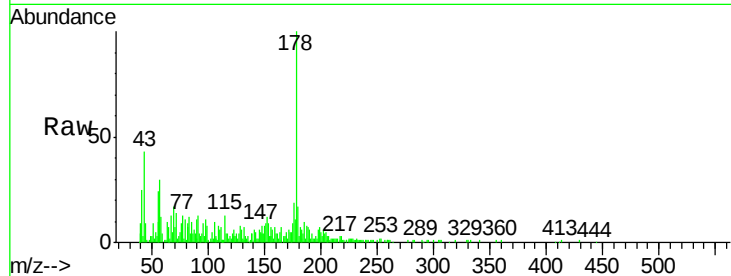
Tgt Ion:178 Resp: 57207

Ion Ratio Lower Upper

178 100

179 17.1 12.4 18.6

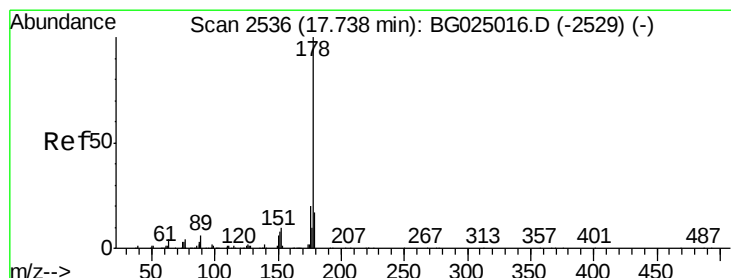
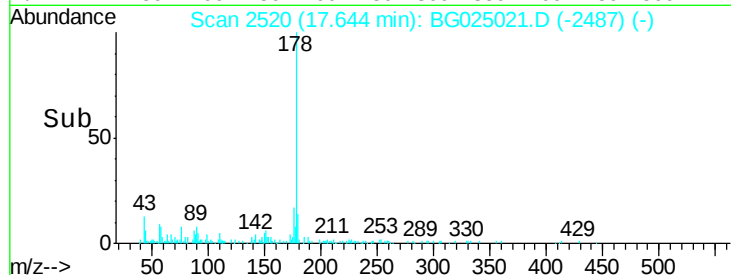
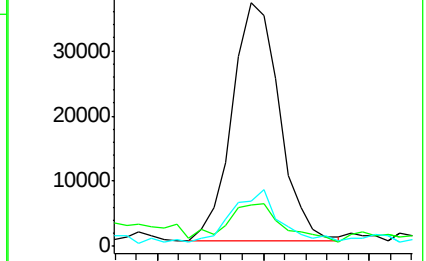
176 18.5 16.5 24.7



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



#71

Anthracene

Concen: 1.38 ng/ul

RT: 17.64 min Scan# 2520

Delta R.T. -0.09 min

Lab File: BG025021.D

Acq: 9 Dec 2016 00:34

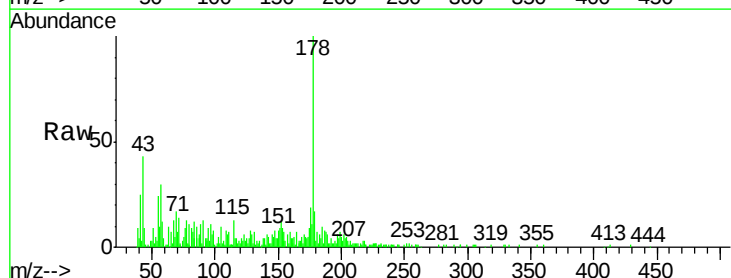
Tgt Ion:178 Resp: 57505

Ion Ratio Lower Upper

178 100

179 17.1 12.6 19.0

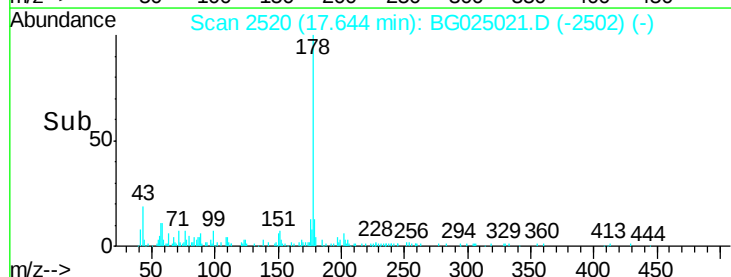
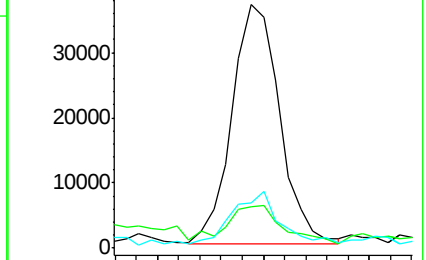
176 18.5 15.9 23.9

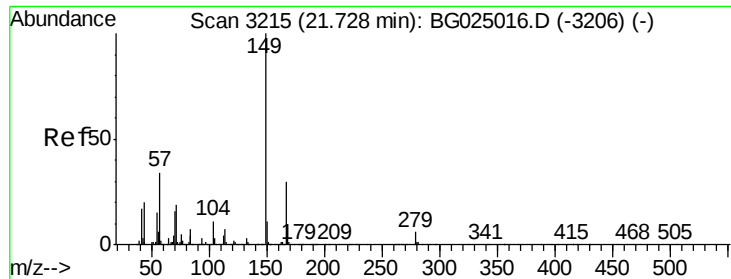


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#81
 Bis(2-ethylhexyl)phthalate
 Concen: 2.13 ng/ul
 RT: 21.73 min Scan# 3216
 Delta R.T. 0.01 min
 Lab File: BG025021.D
 Acq: 9 Dec 2016 00:34

Instrument :
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Tgt Ion	Ratio	Lower	Upper
149	100		
167	32.1	21.8	32.8
279	11.7	4.5	6.7

