

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
 Data File : BG025301.D
 Acq On : 18 Dec 2016 8:38
 Operator : UM/SJ
 Sample : H5905-01MEDL 5X
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Dec 19 04:45:20 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Dec 19 04:41:40 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.23	152	62642	20.00	ng/ul	0.00
18) Naphthalene-d8	11.06	136	261387	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.85	164	204564	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.60	188	430731	20.00	ng/ul	0.00
75) Chrysene-d12	21.89	240	546231	20.00	ng/ul	0.00
83) Perylene-d12	25.31	264	553328	20.00	ng/ul	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 1,4-Dioxane-d8	3.59	96	600	0.49	ng/uL	0.01
5) Phenol-d5	7.40	99	11897	2.20	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.55	67	9215	2.76	ng/ul	0.00
9) 2-Chlorophenol-d4	7.77	132	9805	2.59	ng/ul	0.00
13) 4-Methylphenol-d8	8.94	113	11903	2.64	ng/ul	0.00
19) Nitrobenzene-d5	9.43	128	5320	2.87	ng/ul	0.02
22) 2-Nitrophenol-d4	10.14	143	5273	2.29	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.69	165	11454	2.58	ng/ul	0.00
29) 4-Chloroaniline-d4	11.22	131	10149	2.33	ng/ul	0.02
43) Dimethylphthalate-d6	14.25	166	37937	2.70	ng/ul	0.00
46) Acenaphthylene-d8	14.56	160	48677	3.16	ng/ul	0.00
51) 4-Nitrophenol-d4	15.07	143	599	0.25	ng/ul	-0.01
57) Fluorene-d10	15.85	176	40382	3.05	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.98	200	2746	1.03	ng/ul	0.00
70) Anthracene-d10	17.70	188	56887	3.13	ng/ul	0.00
76) Pyrene-d10	19.97	212	67655	3.01	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.08	264	65062	2.90	ng/ul	0.00

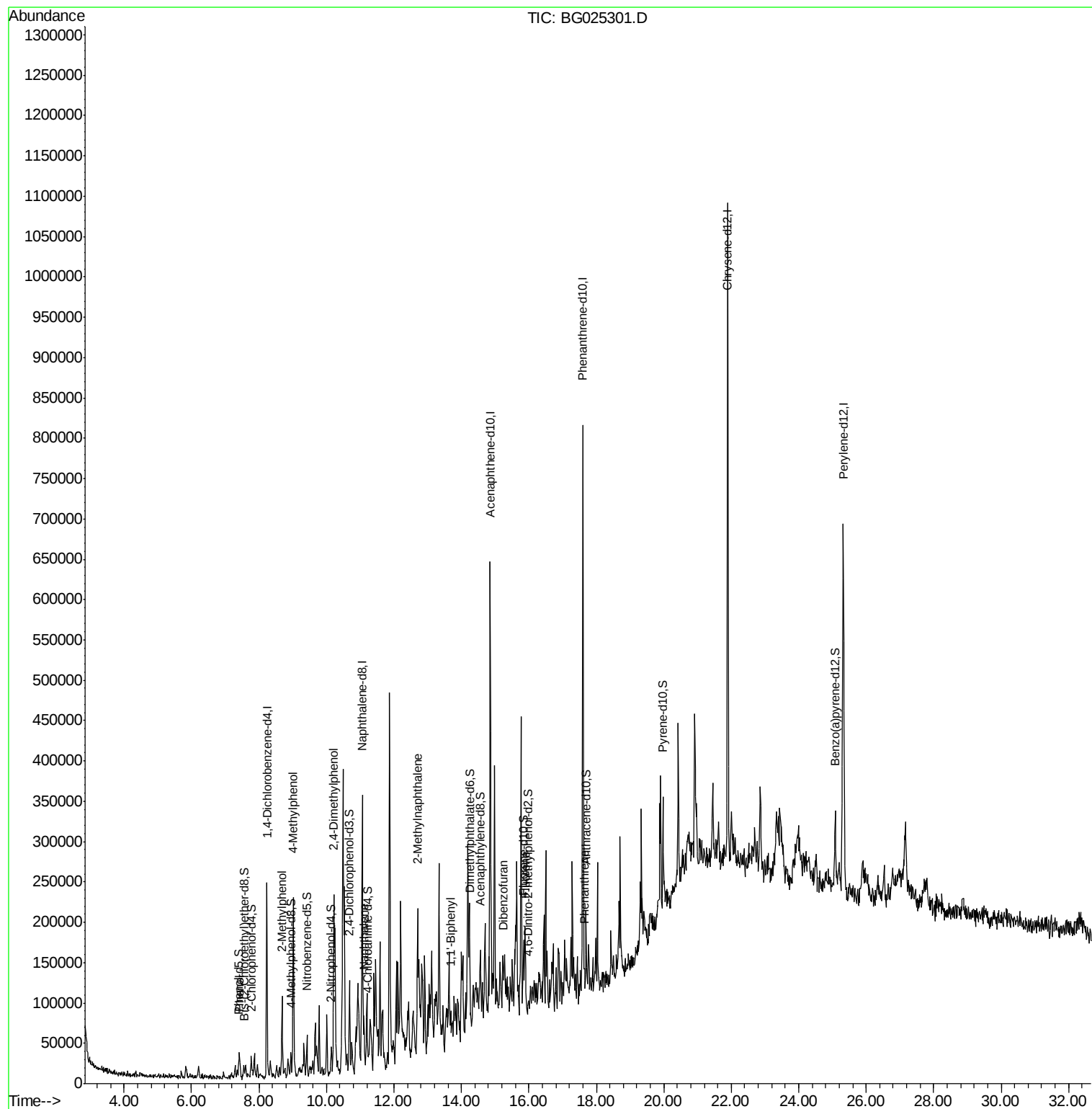
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
6) Phenol	7.43	94	9885	1.78	ng/ul#	92
11) 2-Methylphenol	8.68	108	33616	8.23	ng/ul	92
16) 4-Methylphenol	9.01	108	81645	17.97	ng/ul	87
24) 2,4-Dimethylphenol	10.22	107	83364	15.57	ng/ul	97
28) Naphthalene	11.11	128	46662	3.84	ng/ul	97
34) 2-Methylnaphthalene	12.70	142	67155	7.00	ng/ul	95
40) 1,1'-Biphenyl	13.69	154	18435	1.49	ng/ul#	93
53) Dibenzofuran	15.25	168	18576	1.14	ng/ul	89
58) Fluorene	15.90	166	21601	1.63	ng/ul#	85
69) Phenanthrene	17.65	178	22036	1.07	ng/ul#	80

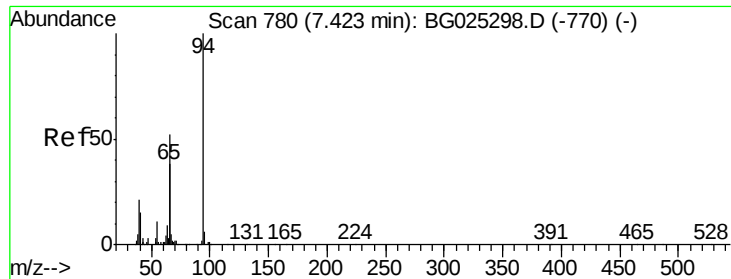
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 1.78 ng/ul

RT: 7.43 min Scan# 782

Delta R.T. 0.01 min

Lab File: BG025301.D

Acq: 18 Dec 2016 8:38

Instrument :

BNA_G

ClientSampleId :

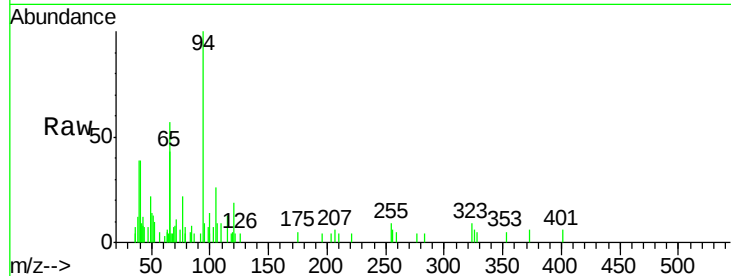
Tot Ion: 94 Resp: 9885

Ion Ratio Lower Upper

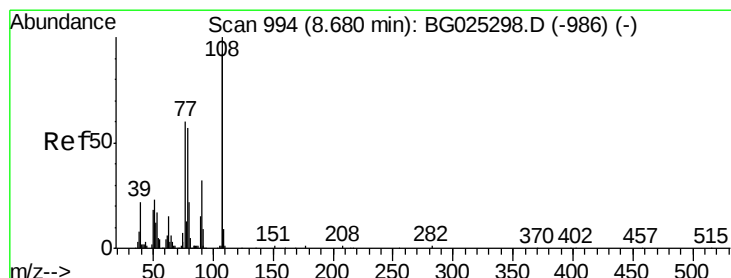
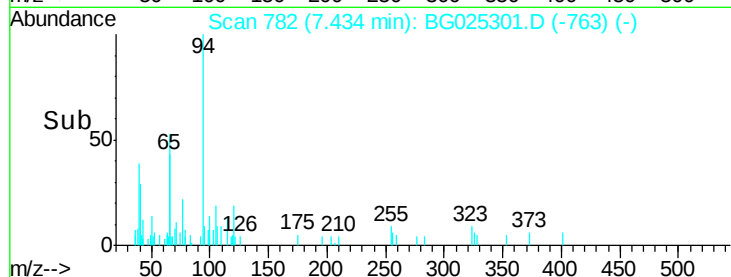
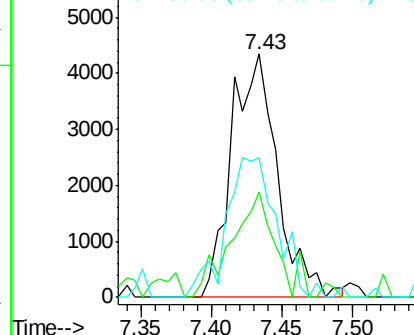
94 100

65 43.4 26.8 40.2#

66 57.2 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



#11

2-Methylphenol

Concen: 8.23 ng/ul

RT: 8.68 min Scan# 994

Delta R.T. -0.00 min

Lab File: BG025301.D

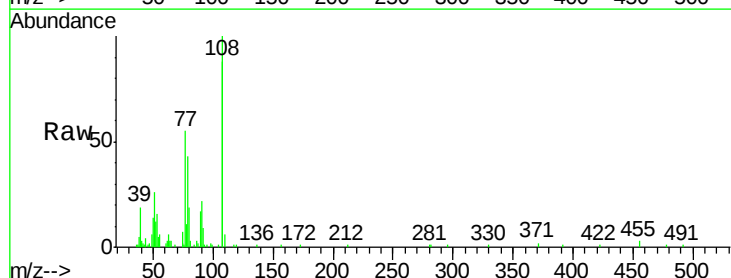
Acq: 18 Dec 2016 8:38

Tgt Ion: 108 Resp: 33616

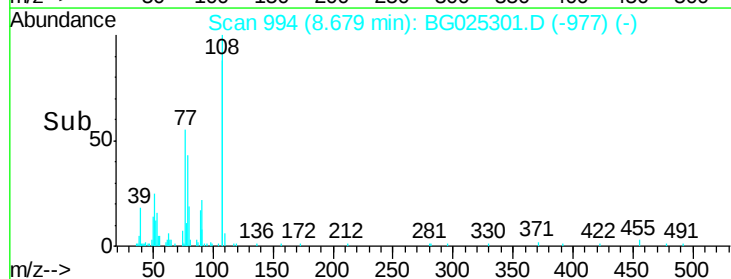
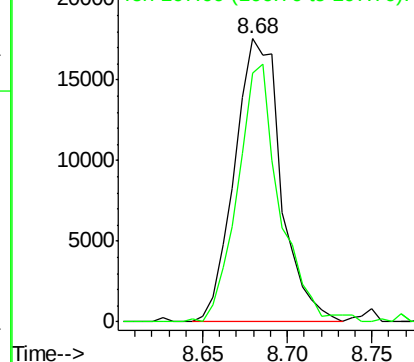
Ion Ratio Lower Upper

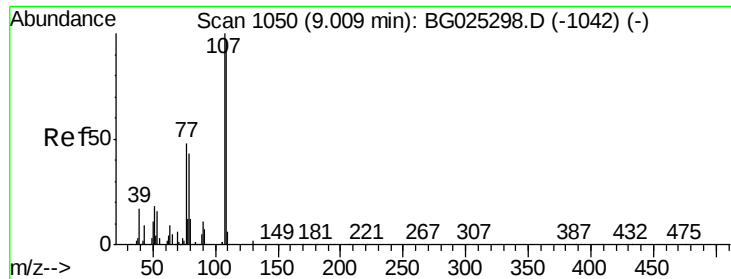
108 100

107 87.9 76.7 115.1



Abundance Ion 108.00 (107.70 to 108.70): BGC
Ion 107.00 (106.70 to 107.70): BGC

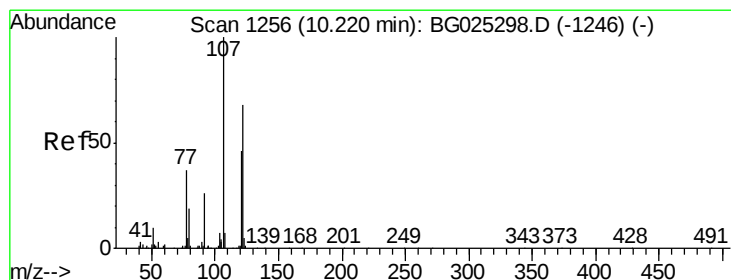
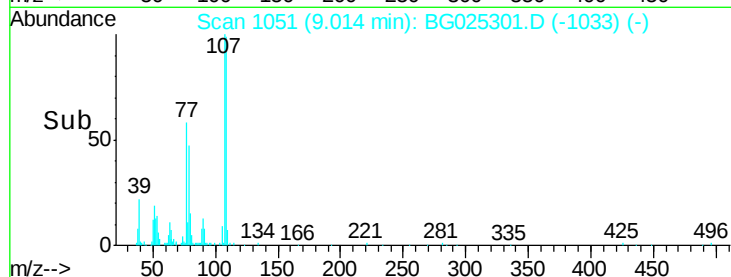
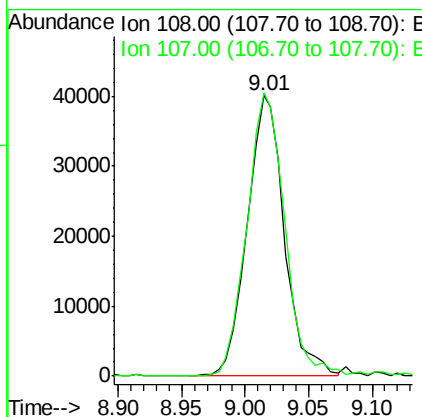
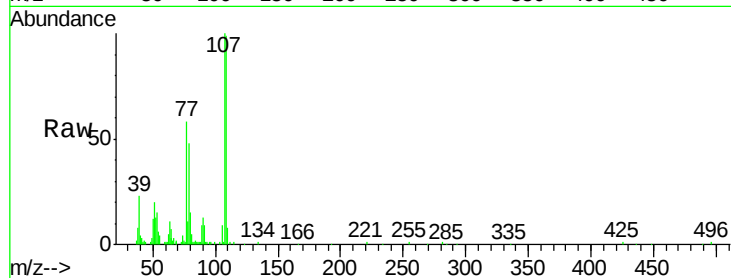




#16
4-Methylphenol
Concen: 17.97 ng/ul
RT: 9.01 min Scan# 1051
Delta R.T. 0.00 min
Lab File: BG025301.D
Acq: 18 Dec 2016 8:38

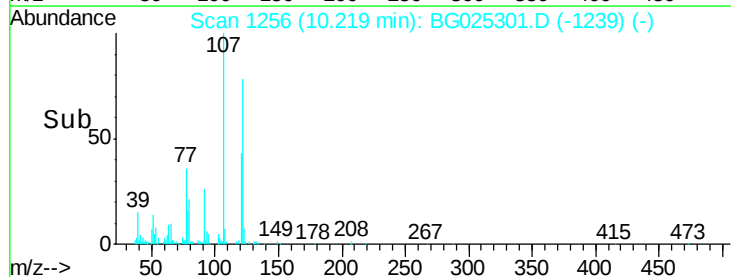
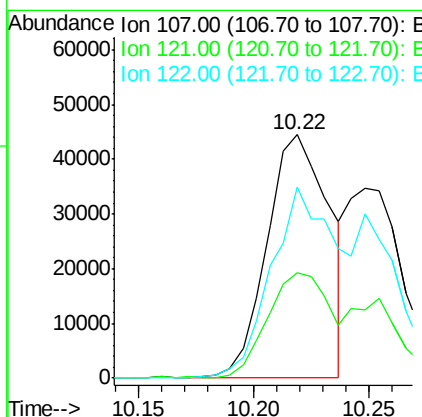
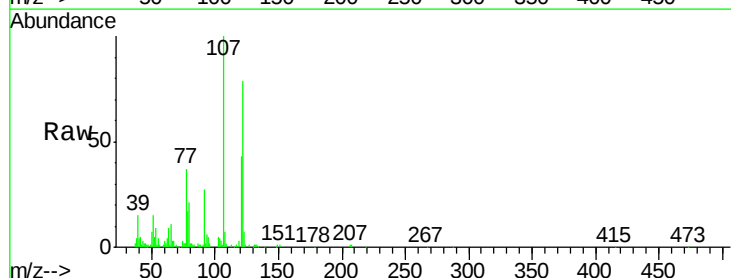
Instrument :
BNA_G
ClientSampleId :

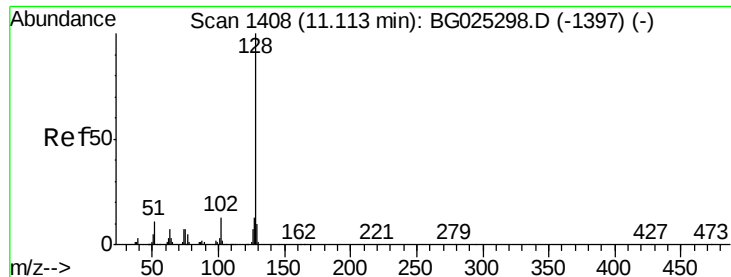
Tot Ion:108 Resp: 81645
Ion Ratio Lower Upper
108 100
107 100.8 91.7 137.5



#24
2,4-Dimethylphenol
Concen: 15.57 ng/ul
RT: 10.22 min Scan# 1256
Delta R.T. -0.00 min
Lab File: BG025301.D
Acq: 18 Dec 2016 8:38

Tgt Ion:107 Resp: 83364
Ion Ratio Lower Upper
107 100
121 43.3 32.3 48.5
122 78.8 61.2 91.8

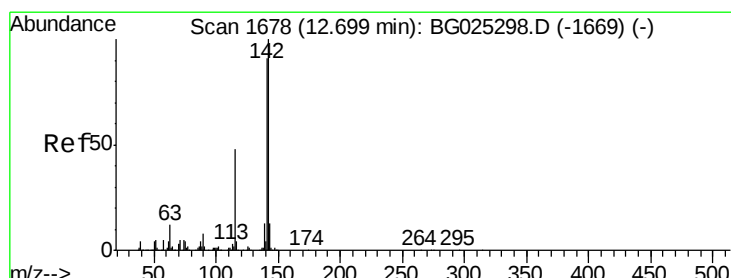
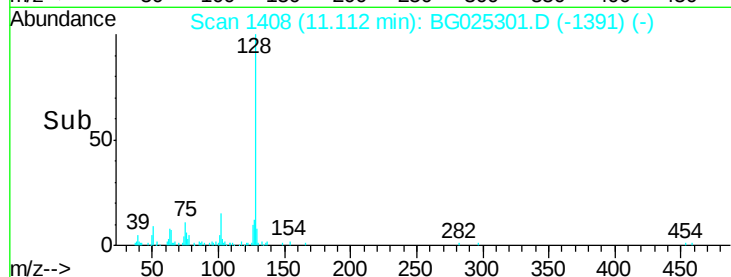
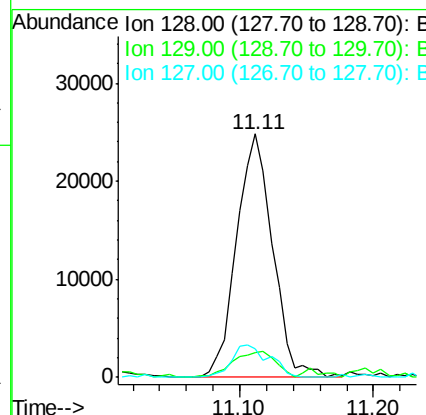
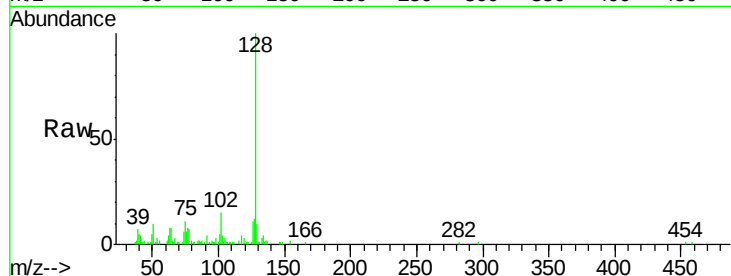




#28
Naphthalene
Concen: 3.84 ng/ul
RT: 11.11 min Scan# 1408
Delta R.T. -0.00 min
Lab File: BG025301.D
Acq: 18 Dec 2016 8:38

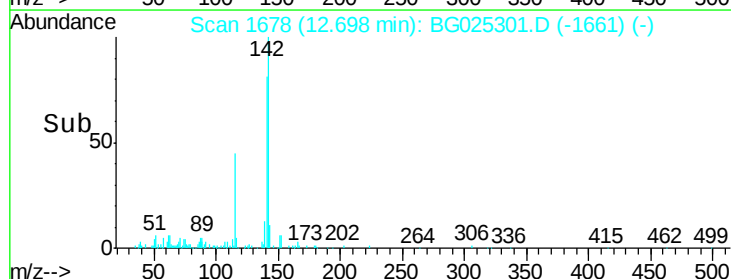
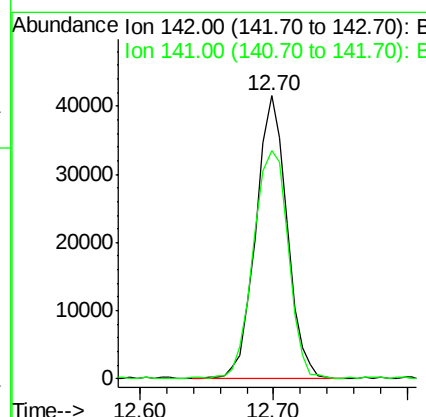
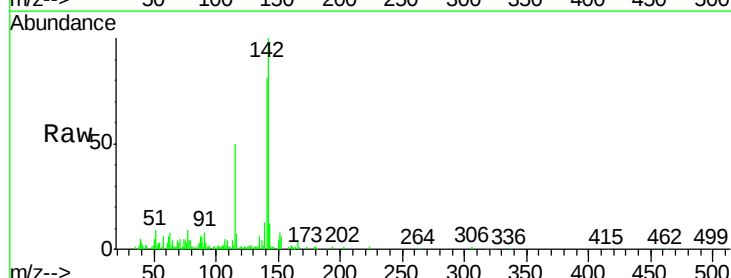
Instrument :
BNA_G
ClientSampleId :

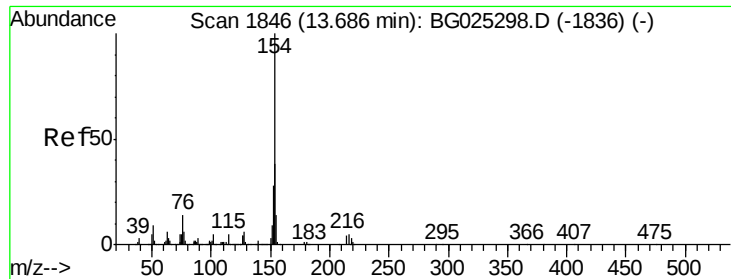
Tot Ion:128 Resp: 46662
Ion Ratio Lower Upper
128 100
129 10.3 9.4 14.2
127 11.7 10.3 15.5



#34
2-Methylnaphthalene
Concen: 7.00 ng/ul
RT: 12.70 min Scan# 1678
Delta R.T. -0.00 min
Lab File: BG025301.D
Acq: 18 Dec 2016 8:38

Tgt Ion:142 Resp: 67155
Ion Ratio Lower Upper
142 100
141 80.7 68.6 102.8

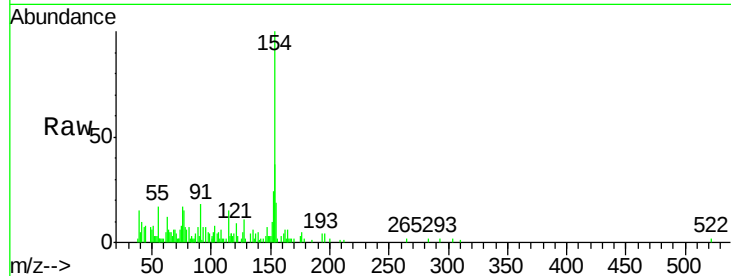




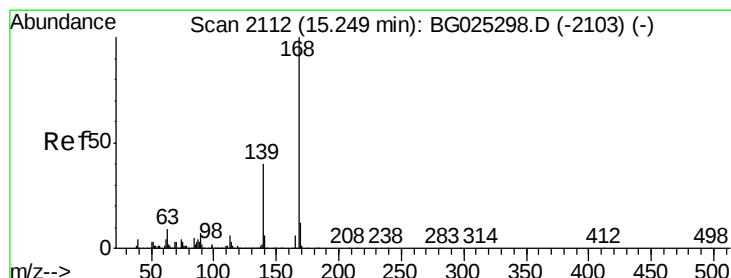
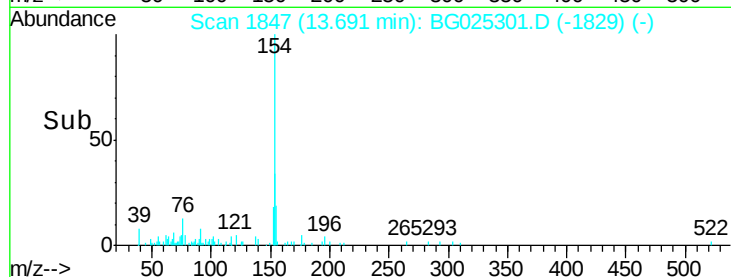
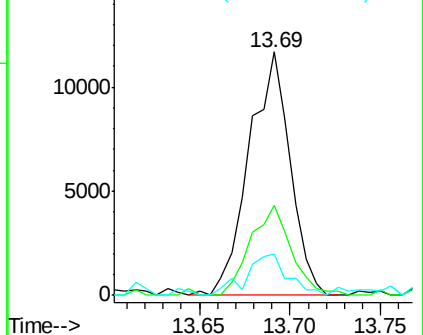
#40
 1,1'-Biphenyl
 Concen: 1.49 ng/ul
 RT: 13.69 min Scan# 1847
 Delta R.T. 0.00 min
 Lab File: BG025301.D
 Acq: 18 Dec 2016 8:38

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
154	100		
153	37.0	32.2	48.2
76	16.8	9.6	14.4

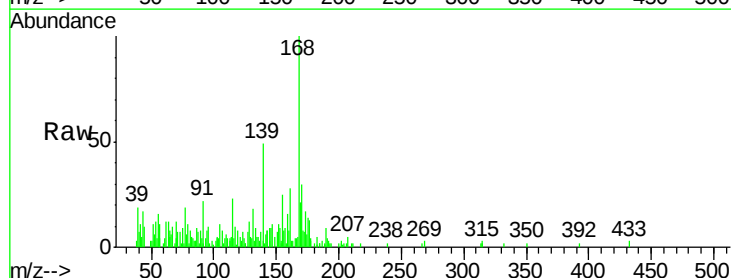


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): B

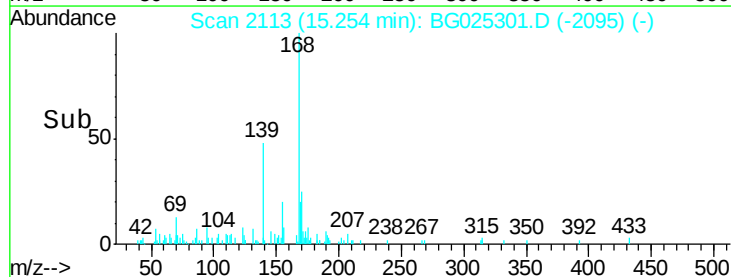
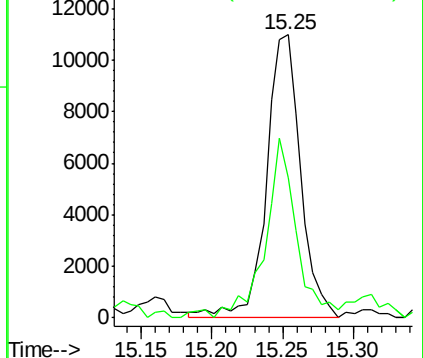


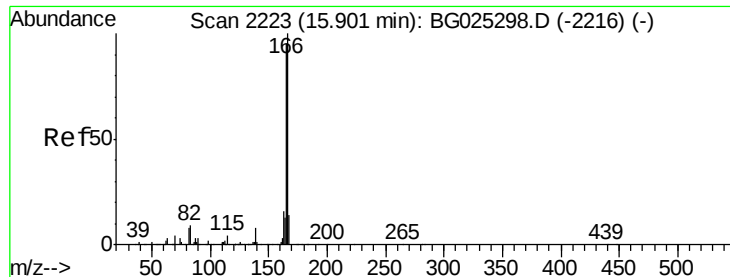
#53
 Dibenzofuran
 Concen: 1.14 ng/ul
 RT: 15.25 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: BG025301.D
 Acq: 18 Dec 2016 8:38

Tgt Ion	Ratio	Lower	Upper
168	100		
139	49.4	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: 1.63 ng/ul

RT: 15.90 min Scan# 2223

Delta R.T. -0.00 min

Lab File: BG025301.D

Acq: 18 Dec 2016 8:38

Instrument :

BNA_G

ClientSampleId :

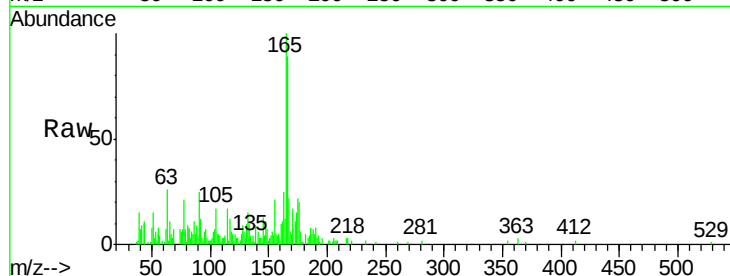
Tot Ion:166 Resp: 21601

Ion Ratio Lower Upper

166 100

165 112.7 79.7 119.5

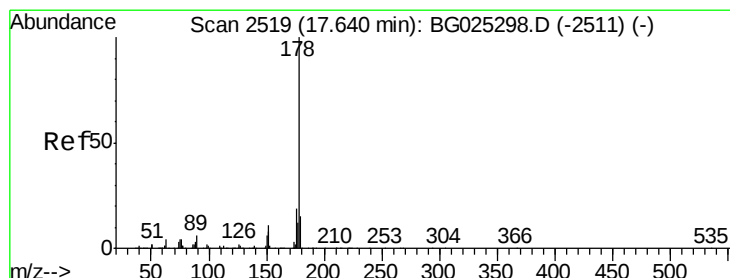
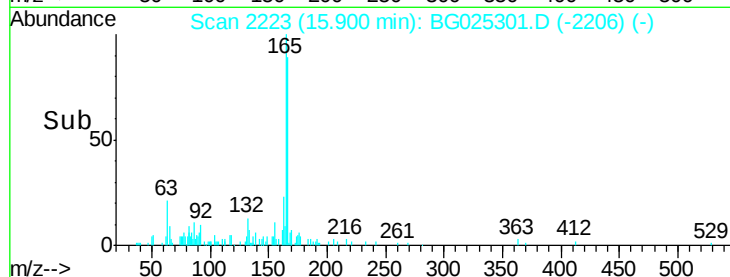
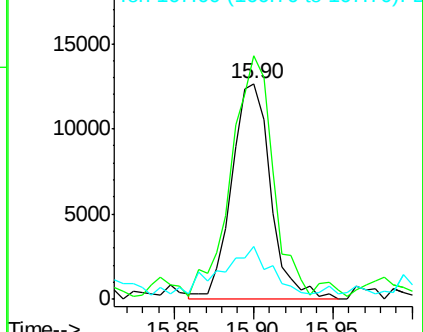
167 24.7 11.4 17.2#



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#69

Phenanthrene

Concen: 1.07 ng/ul

RT: 17.65 min Scan# 2520

Delta R.T. 0.00 min

Lab File: BG025301.D

Acq: 18 Dec 2016 8:38

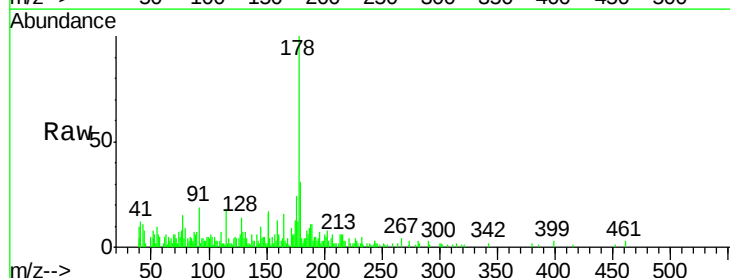
Tgt Ion:178 Resp: 22036

Ion Ratio Lower Upper

178 100

179 31.2 12.4 18.6#

176 24.1 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

