

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121416\
 Data File : BG025173.D
 Acq On : 14 Dec 2016 12:58
 Operator : UM/SJ
 Sample : H5938-15
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DA837

Quant Time: Dec 15 03:35:24 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 15 03:32:07 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.24	152	68211	20.00	ng/ul	0.00
18) Naphthalene-d8	11.06	136	293811	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.86	164	239082	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.60	188	495719	20.00	ng/ul	0.00
75) Chrysene-d12	21.89	240	562398	20.00	ng/ul	0.00
83) Perylene-d12	25.31	264	581360	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.59	96	2530	1.92	ng/uL	0.00
5) Phenol-d5	7.39	99	84997	14.44	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.55	67	59491	16.34	ng/ul	0.00
9) 2-Chlorophenol-d4	7.77	132	62769	15.25	ng/ul	0.00
13) 4-Methylphenol-d8	8.94	113	74838	15.22	ng/ul	0.00
19) Nitrobenzene-d5	9.42	128	34741	16.70	ng/ul	0.00
22) 2-Nitrophenol-d4	10.14	143	41678	16.07	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.68	165	72897	14.61	ng/ul	0.00
29) 4-Chloroaniline-d4	11.20	131	66918	13.65	ng/ul	0.00
43) Dimethylphthalate-d6	14.25	166	263648	16.03	ng/ul	0.00
46) Acenaphthylene-d8	14.55	160	306822	17.03	ng/ul	0.00
51) 4-Nitrophenol-d4	15.07	143	35024	12.39	ng/ul	0.00
57) Fluorene-d10	15.85	176	239722	15.49	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.97	200	37001	12.07	ng/ul	0.00
70) Anthracene-d10	17.70	188	364705	17.43	ng/ul	0.00
76) Pyrene-d10	19.97	212	431774	18.64	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.08	264	417113	17.71	ng/ul	0.00

Target Compounds

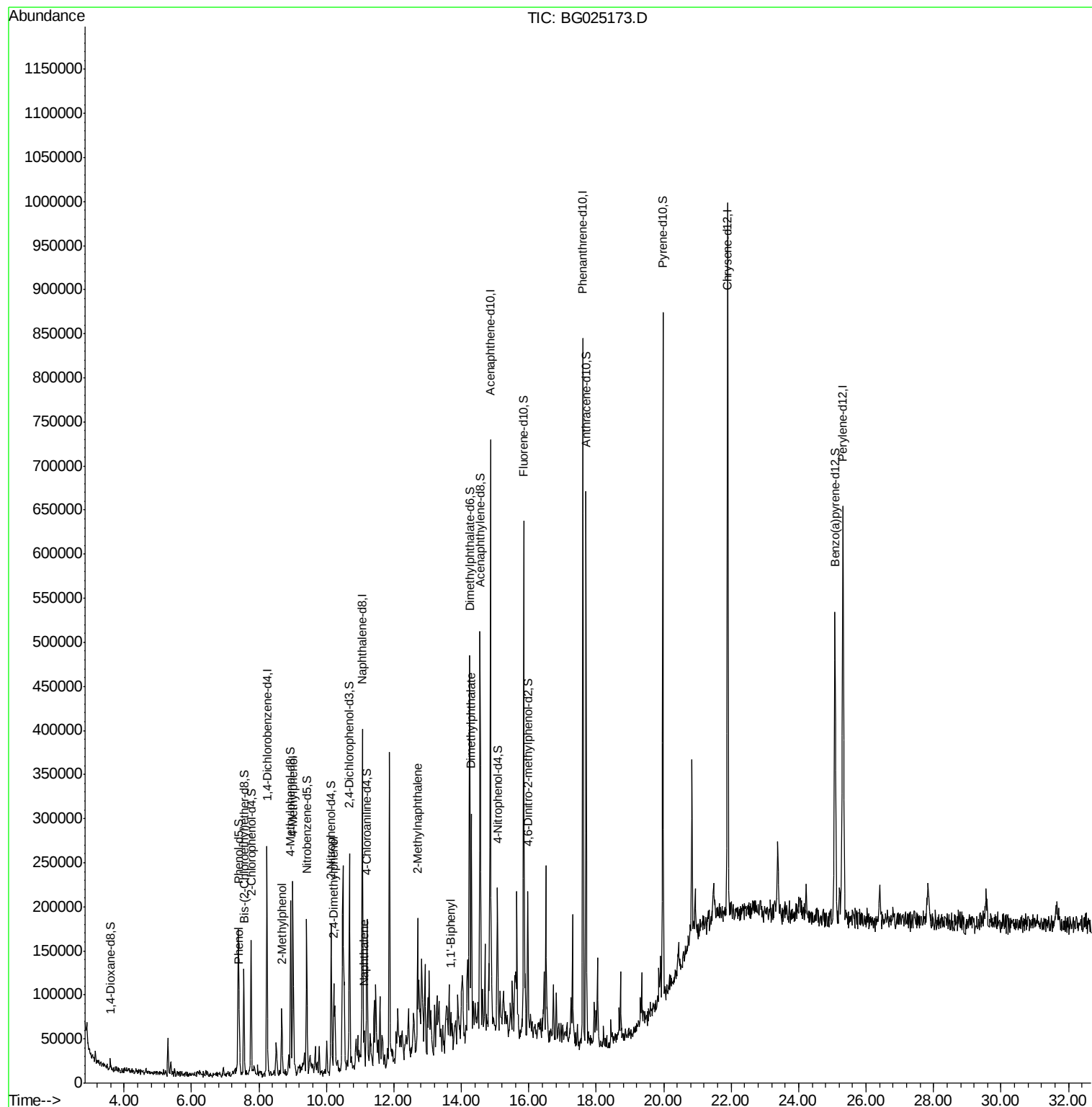
						Qvalue
6) Phenol	7.42	94	29281	4.85	ng/ul	99
11) 2-Methylphenol	8.68	108	22656	5.09	ng/ul	99
16) 4-Methylphenol	9.01	108	81603	16.49	ng/ul	85
24) 2,4-Dimethylphenol	10.22	107	35599	5.92	ng/ul	95
28) Naphthalene	11.12	128	25007	1.83	ng/ul	97
34) 2-Methylnaphthalene	12.70	142	68602	6.36	ng/ul	97
40) 1,1'-Biphenyl	13.70	154	18384	1.27	ng/ul#	84
44) Dimethylphthalate	14.30	163	154544	9.56	ng/ul	97

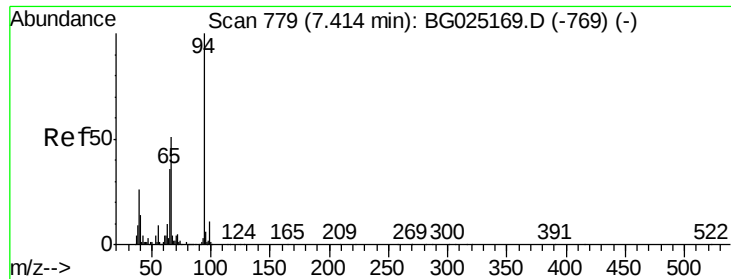
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 4.85 ng/ul

RT: 7.42 min Scan# 779

Delta R.T. 0.00 min

Lab File: BG025173.D

Acq: 14 Dec 2016 12:58

Instrument :

BNA_G

ClientSampleId :

DA837

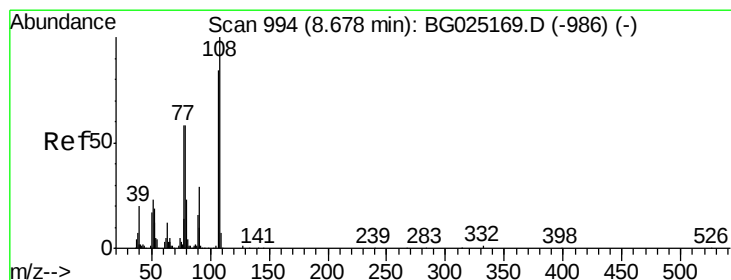
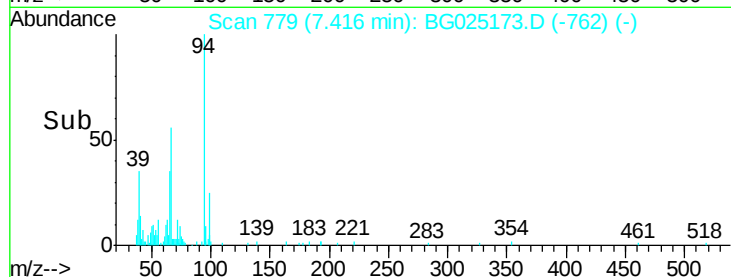
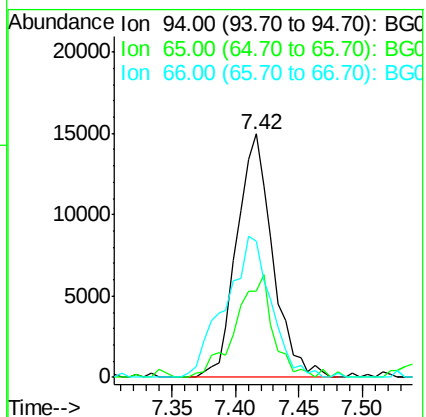
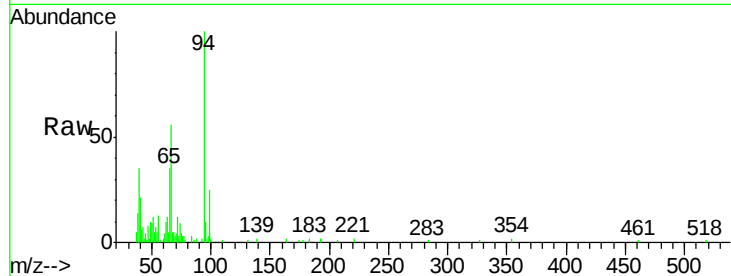
Tgt Ion: 94 Resp: 29281

Ion Ratio Lower Upper

94 100

65 35.2 26.8 40.2

66 55.7 44.4 66.6



#11

2-Methylphenol

Concen: 5.09 ng/ul

RT: 8.68 min Scan# 994

Delta R.T. 0.00 min

Lab File: BG025173.D

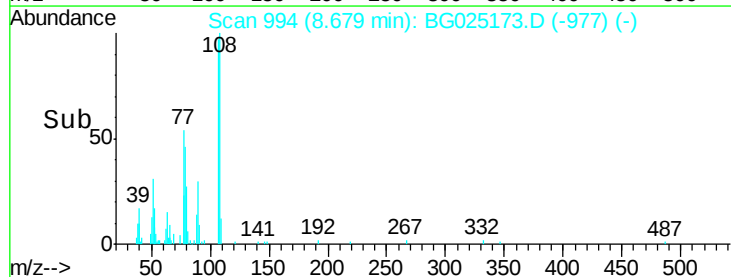
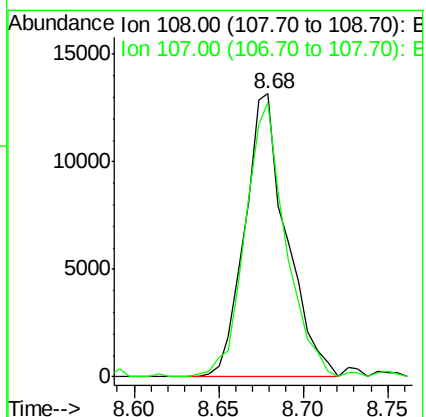
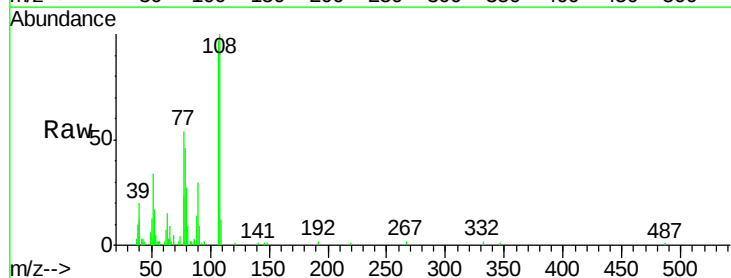
Acq: 14 Dec 2016 12:58

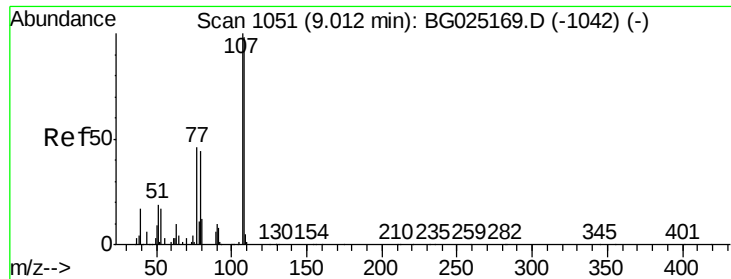
Tgt Ion: 108 Resp: 22656

Ion Ratio Lower Upper

108 100

107 97.2 76.7 115.1

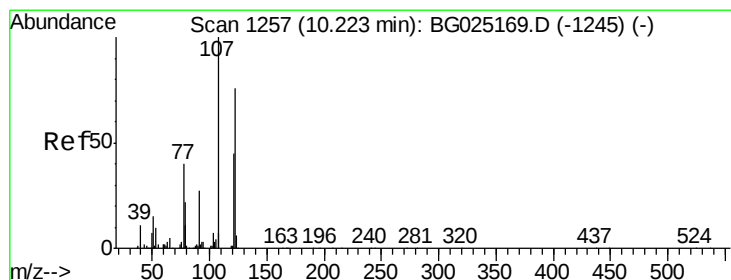
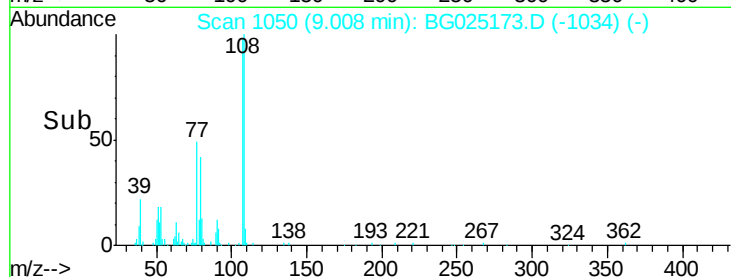
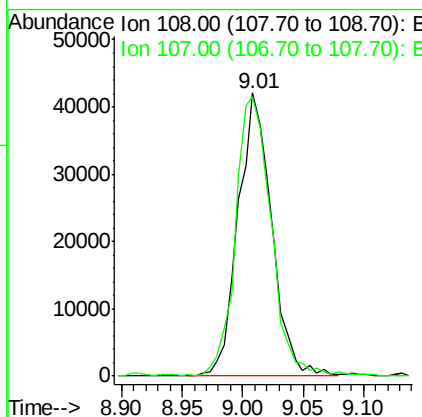
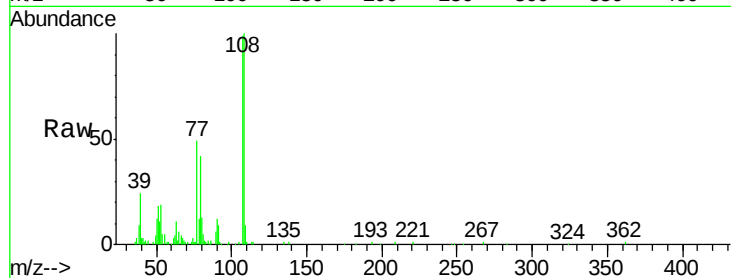




#16
4-Methylphenol
Concen: 16.49 ng/ul
RT: 9.01 min Scan# 1050
Delta R.T. -0.00 min
Lab File: BG025173.D
Acq: 14 Dec 2016 12:58

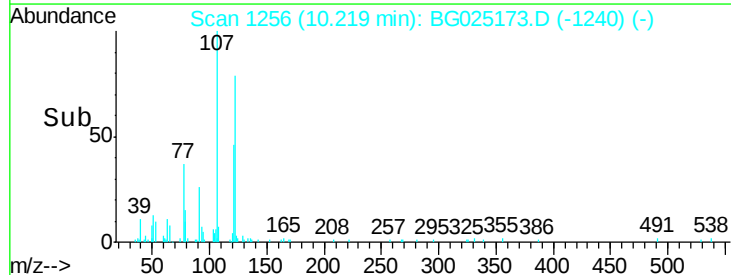
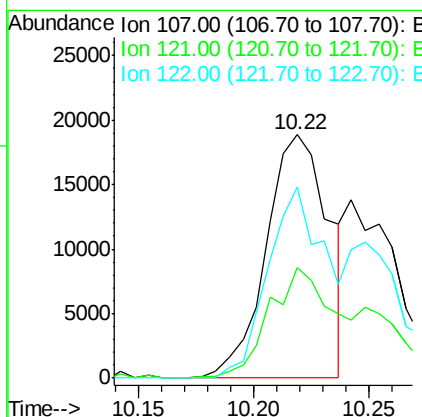
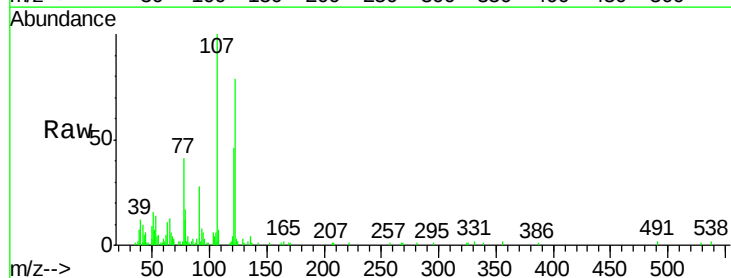
Instrument :
BNA_G
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DA837

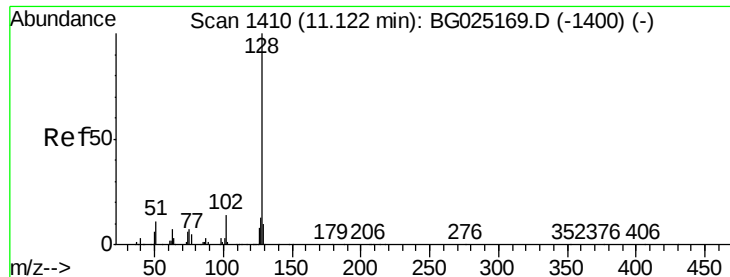
Tgt Ion:108 Resp: 81603
Ion Ratio Lower Upper
108 100
107 98.7 91.7 137.5



#24
2,4-Dimethylphenol
Concen: 5.92 ng/ul
RT: 10.22 min Scan# 1256
Delta R.T. -0.00 min
Lab File: BG025173.D
Acq: 14 Dec 2016 12:58

Tgt Ion:107 Resp: 35599
Ion Ratio Lower Upper
107 100
121 45.5 32.3 48.5
122 78.7 61.2 91.8





#28

Naphthalene

Concen: 1.83 ng/ul

RT: 11.12 min Scan# 1409

Delta R.T. -0.00 min

Lab File: BG025173.D

Acq: 14 Dec 2016 12:58

Instrument :

BNA_G

ClientSampleId :

DA837

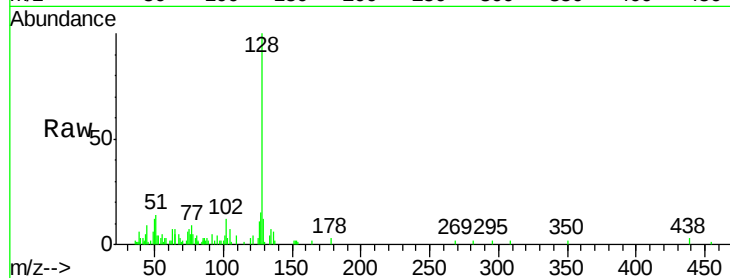
Tgt Ion:128 Resp: 25007

Ion Ratio Lower Upper

128 100

129 11.8 9.4 14.2

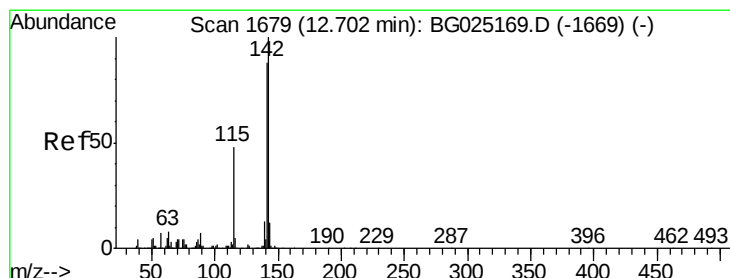
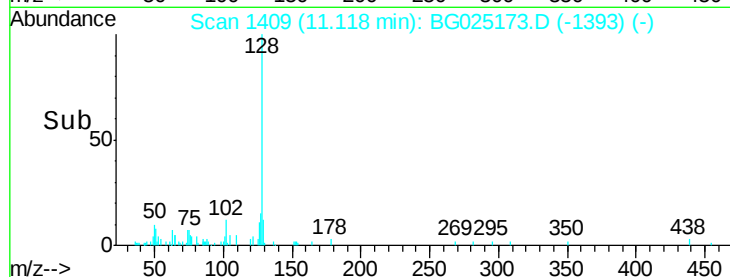
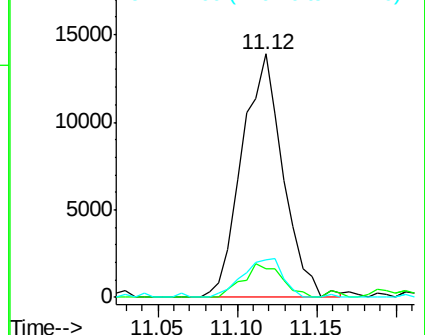
127 15.2 10.3 15.5



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#34

2-Methylnaphthalene

Concen: 6.36 ng/ul

RT: 12.70 min Scan# 1679

Delta R.T. 0.00 min

Lab File: BG025173.D

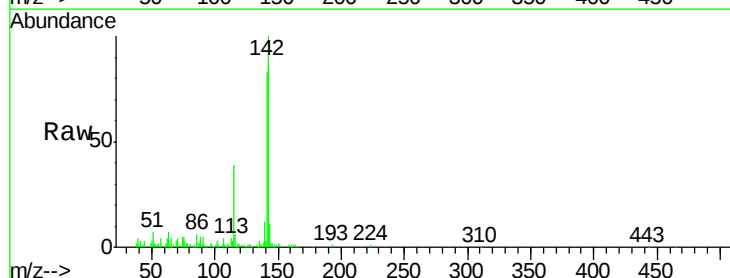
Acq: 14 Dec 2016 12:58

Tgt Ion:142 Resp: 68602

Ion Ratio Lower Upper

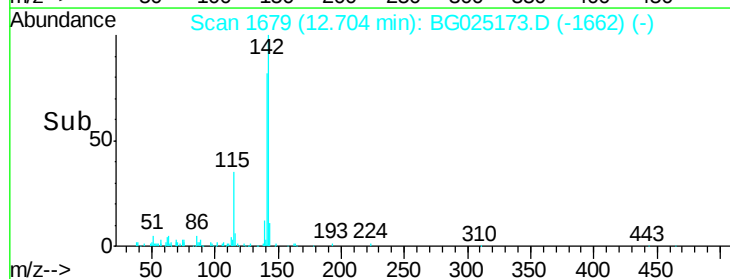
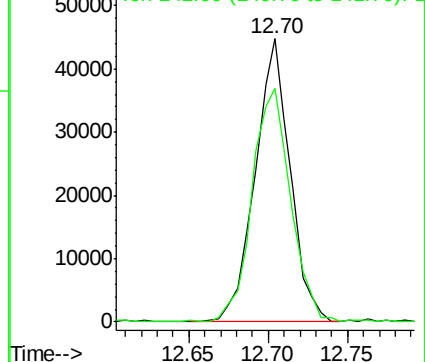
142 100

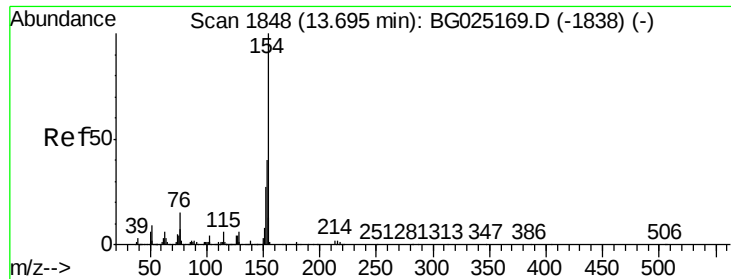
141 82.5 68.6 102.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#40

1,1'-Biphenyl

Concen: 1.27 ng/ul

RT: 13.70 min Scan# 1848

Delta R.T. 0.00 min

Lab File: BG025173.D

Acq: 14 Dec 2016 12:58

Instrument :

BNA_G

ClientSampleId :

DA837

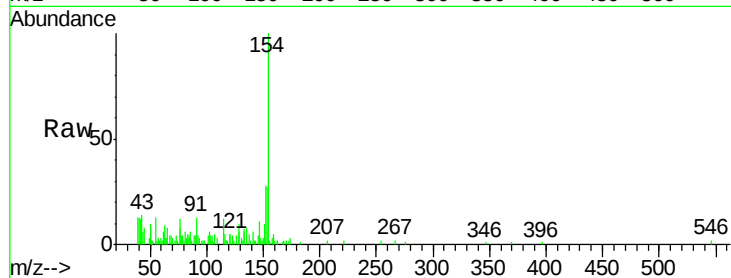
Tgt Ion:154 Resp: 18384

Ion Ratio Lower Upper

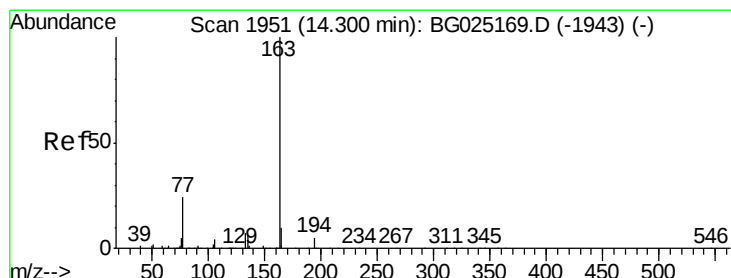
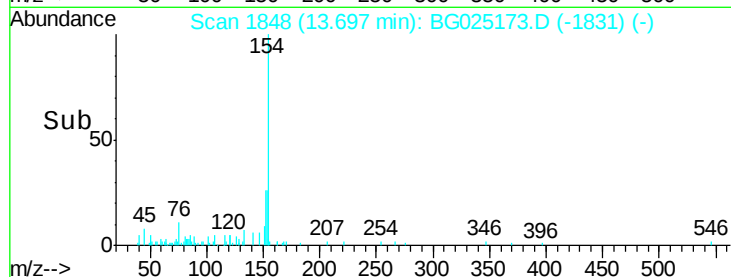
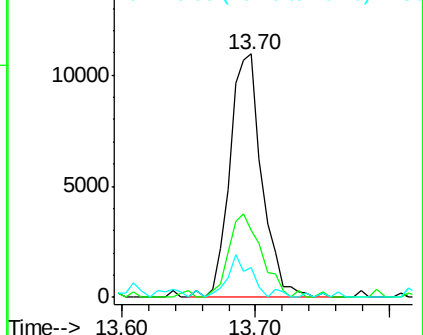
154 100

153 27.3 32.2 48.2#

76 12.3 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: 9.56 ng/ul

RT: 14.30 min Scan# 1950

Delta R.T. -0.00 min

Lab File: BG025173.D

Acq: 14 Dec 2016 12:58

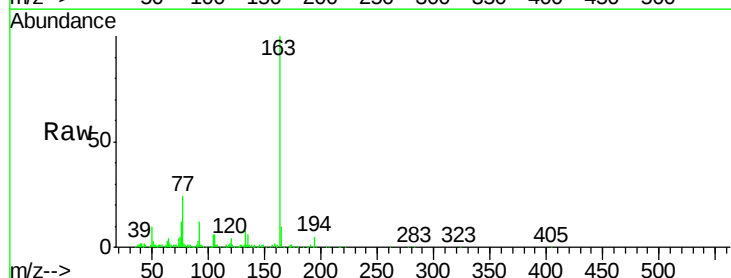
Tgt Ion:163 Resp: 154544

Ion Ratio Lower Upper

163 100

194 4.8 3.4 5.0

164 9.9 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

