

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
 Data File : BG025309.D
 Acq On : 18 Dec 2016 13:52
 Operator : UM/SJ
 Sample : H5995-03DL 10X
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DA864DL

Quant Time: Dec 19 06:46:22 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	82908	20.00	ng/ul	0.00
18) Naphthalene-d8	11.06	136	312192	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.85	164	243850	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.60	188	506921	20.00	ng/ul	0.00
75) Chrysene-d12	21.89	240	666417	20.00	ng/ul	0.00
83) Perylene-d12	25.32	264	689295	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.56	96	223	0.14	ng/uL	-0.02
5) Phenol-d5	7.40	99	10823	1.51	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.55	67	8342	1.89	ng/ul	0.00
9) 2-Chlorophenol-d4	7.77	132	8971	1.79	ng/ul	0.01
13) 4-Methylphenol-d8	8.95	113	8090	1.35	ng/ul	0.00
19) Nitrobenzene-d5	9.42	128	5113	2.31	ng/ul	0.01
22) 2-Nitrophenol-d4	10.14	143	5212	1.89	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.69	165	9786	1.85	ng/ul	0.01
29) 4-Chloroaniline-d4	11.20	131	4176	0.80	ng/ul	0.00
43) Dimethylphthalate-d6	14.25	166	34581	2.06	ng/ul	0.00
46) Acenaphthylene-d8	14.55	160	43940	2.39	ng/ul	0.00
51) 4-Nitrophenol-d4	15.10	143	3566	1.24	ng/ul	0.02
57) Fluorene-d10	15.84	176	39735	2.52	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.98	200	4227	1.35	ng/ul	0.00
70) Anthracene-d10	17.70	188	52846	2.47	ng/ul	0.00
76) Pyrene-d10	19.97	212	63052	2.30	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.08	264	61208	2.19	ng/ul	0.00

Target Compounds

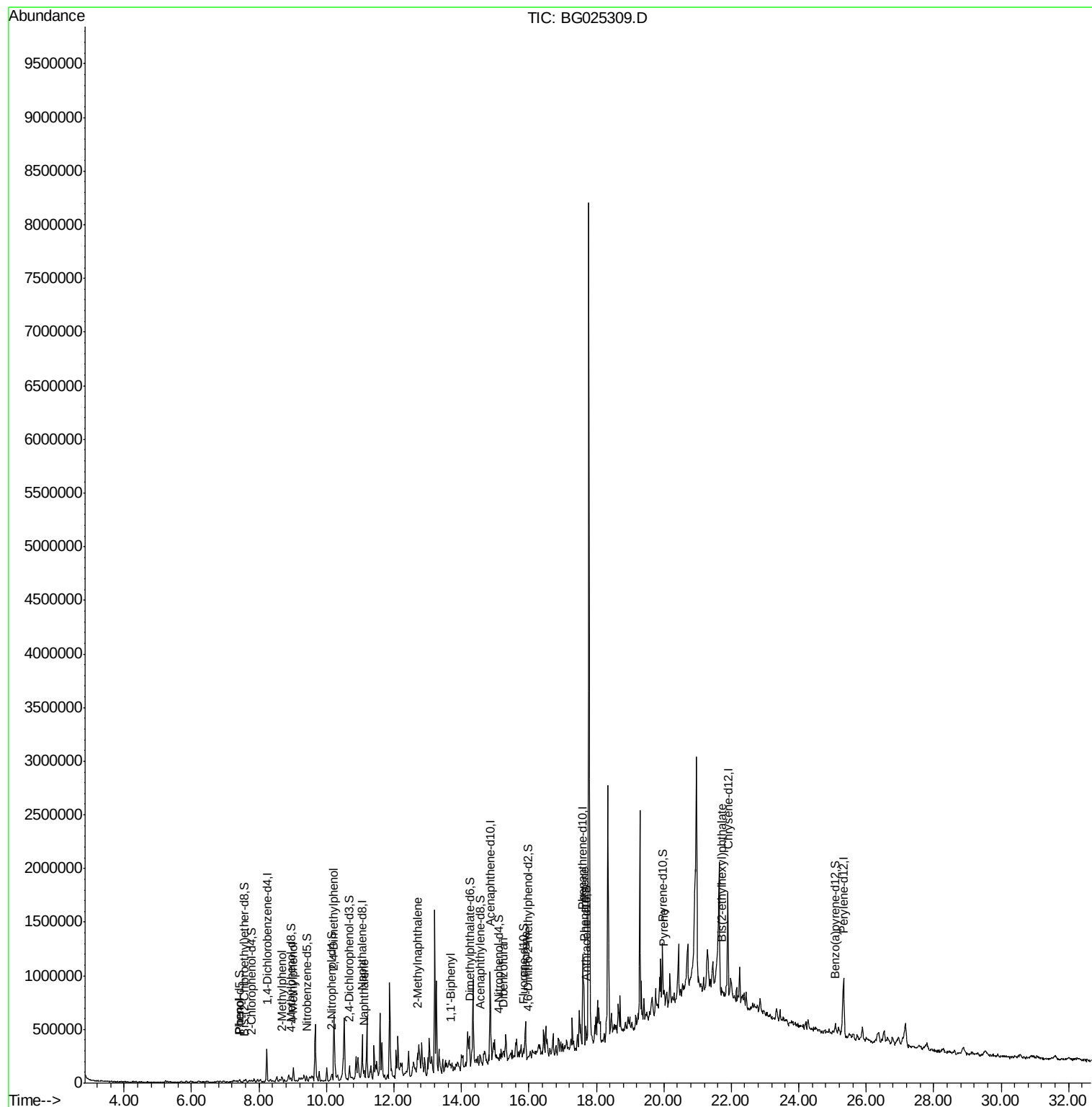
						Ovalue
6) Phenol	7.43	94	8775	1.20	ng/ul#	84
11) 2-Methylphenol	8.67	108	15028	2.78	ng/ul	88
16) 4-Methylphenol	9.02	108	42006	6.99	ng/ul	92
24) 2,4-Dimethylphenol	10.22	107	267236	41.80	ng/ul	97
28) Naphthalene	11.11	128	43546	3.00	ng/ul	94
34) 2-Methylnaphthalene	12.70	142	80819	7.06	ng/ul	95
40) 1,1'-Biphenyl	13.69	154	23012	1.56	ng/ul	99
53) Dibenzofuran	15.25	168	35759	1.85	ng/ul	99
58) Fluorene	15.90	166	50806	3.22	ng/ul	94
69) Phenanthrene	17.64	178	80433	3.32	ng/ul#	62
77) Pyrene	20.00	202	34240	1.07	ng/ul#	94
81) Bis(2-ethylhexyl)phthalate	21.71	149	34179	1.98	ng/ul#	96

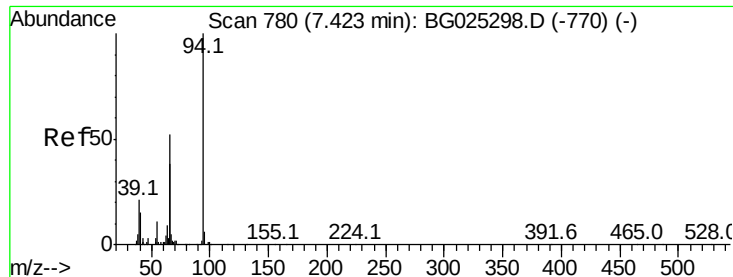
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025309.D
Acq On : 18 Dec 2016 13:52
Operator : UM/SJ
Sample : H5995-03DL 10X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DA864DL

Quant Time: Dec 19 06:46:22 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





#6

Phenol

Concen: 1.20 ng/ul

RT: 7.43 min Scan# 781

Delta R.T. 0.00 min

Lab File: BG025309.D

Acq: 18 Dec 2016 13:52

Instrument :

BNA_G

ClientSampleId :

DA864DL

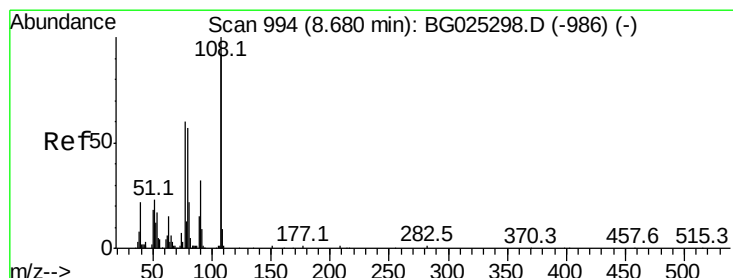
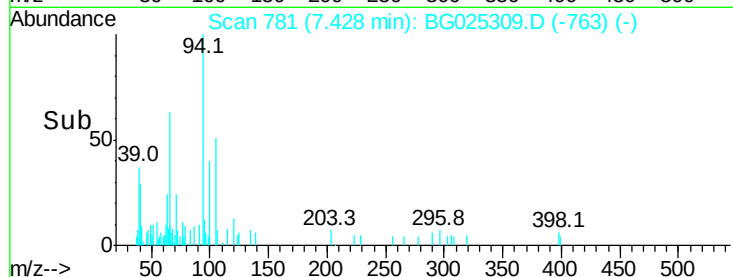
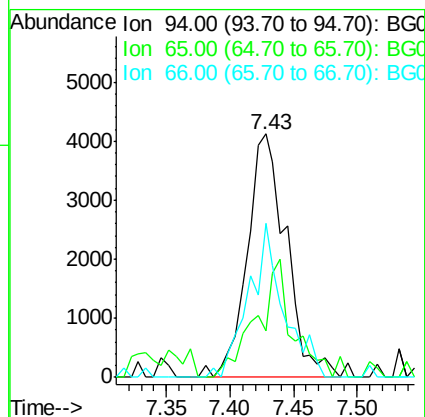
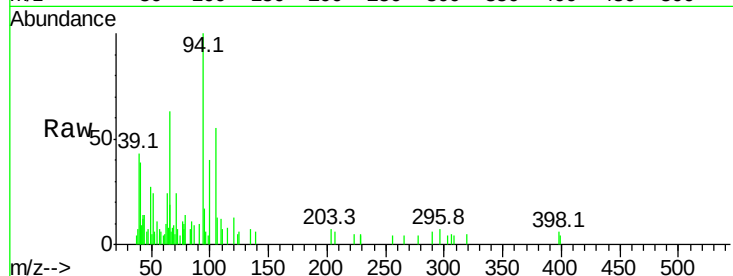
Tot Ion: 94 Resp: 8775

Ion Ratio Lower Upper

94 100

65 18.9 26.8 40.2#

66 63.4 44.4 66.6



#11

2-Methylphenol

Concen: 2.78 ng/ul

RT: 8.67 min Scan# 993

Delta R.T. -0.01 min

Lab File: BG025309.D

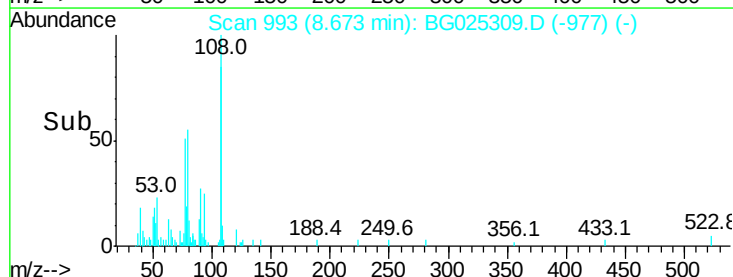
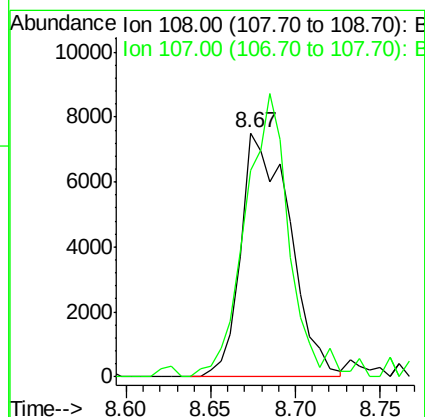
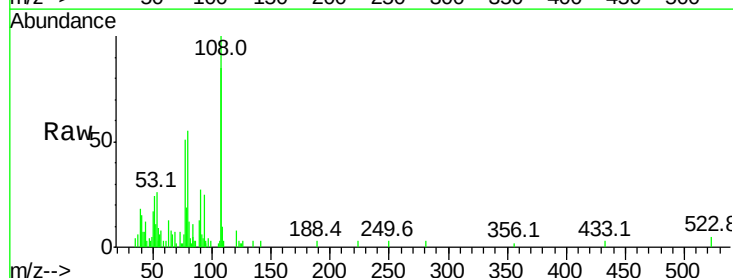
Acq: 18 Dec 2016 13:52

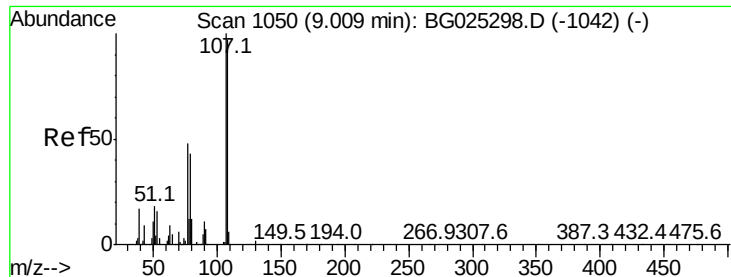
Tgt Ion:108 Resp: 15028

Ion Ratio Lower Upper

108 100

107 84.6 76.7 115.1





#16

4-Methylphenol

Concen: 6.99 ng/ul

RT: 9.02 min Scan# 1052

Delta R.T. 0.01 min

Lab File: BG025309.D

Acq: 18 Dec 2016 13:52

Instrument :

BNA_G

ClientSampleId :

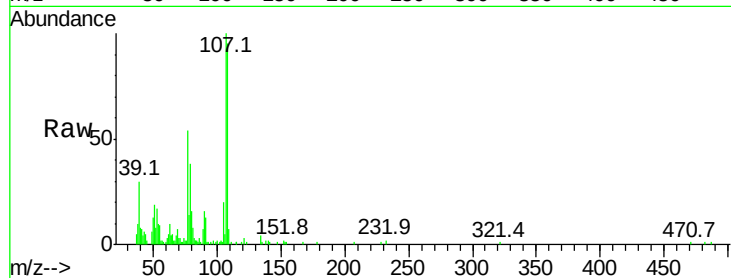
DA864DL

Tot Ion:108 Resp: 42006

Ion Ratio Lower Upper

108 100

107 105.5 91.7 137.5



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

25000

20000

15000

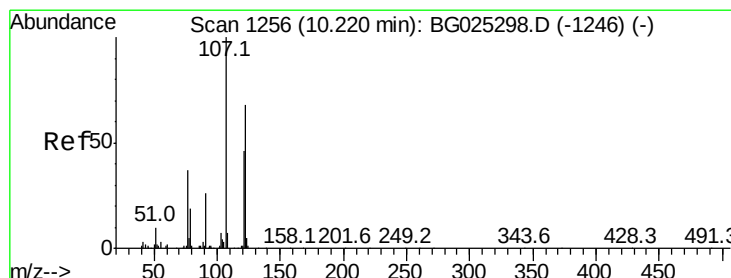
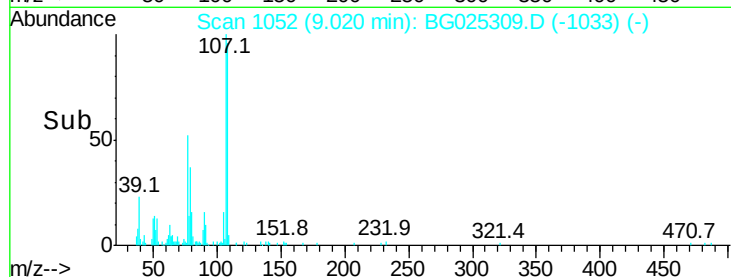
10000

5000

0

8.95 9.00 9.05 9.10

Time-->



#24

2,4-Dimethylphenol

Concen: 41.80 ng/ul

RT: 10.22 min Scan# 1256

Delta R.T. -0.00 min

Lab File: BG025309.D

Acq: 18 Dec 2016 13:52

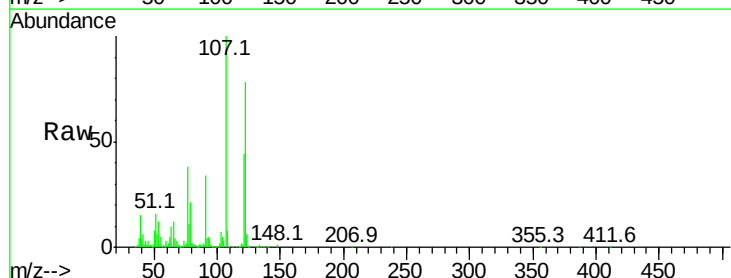
Tgt Ion:107 Resp: 267236

Ion Ratio Lower Upper

107 100

121 44.0 32.3 48.5

122 78.3 61.2 91.8



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E

Ion 122.00 (121.70 to 122.70): E

150000

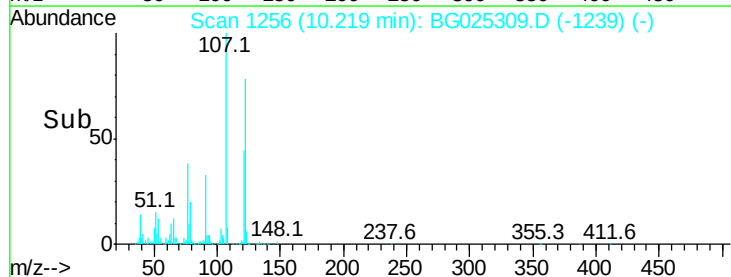
100000

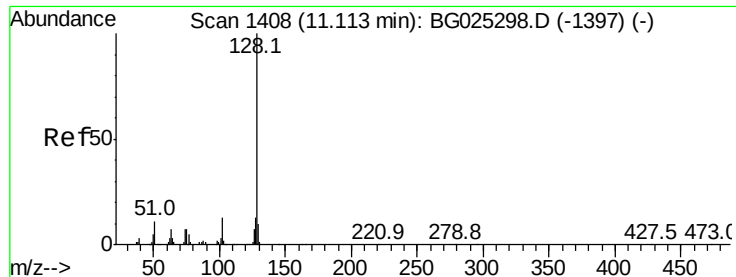
50000

0

10.10 10.20 10.30

Time-->





#28

Naphthalene

Concen: 3.00 ng/ul

RT: 11.11 min Scan# 1408

Delta R.T. -0.00 min

Lab File: BG025309.D

Acq: 18 Dec 2016 13:52

Instrument :

BNA_G

ClientSampleId :

DA864DL

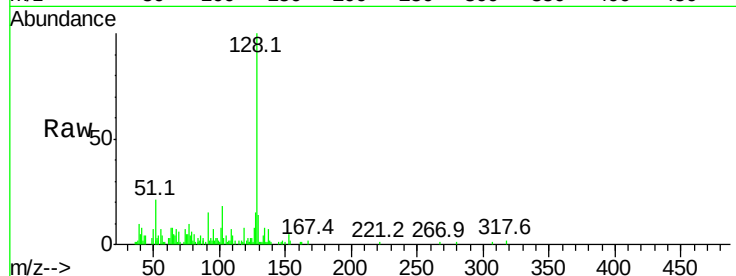
Tot Ion:128 Resp: 43546

Ion Ratio Lower Upper

128 100

129 13.7 9.4 14.2

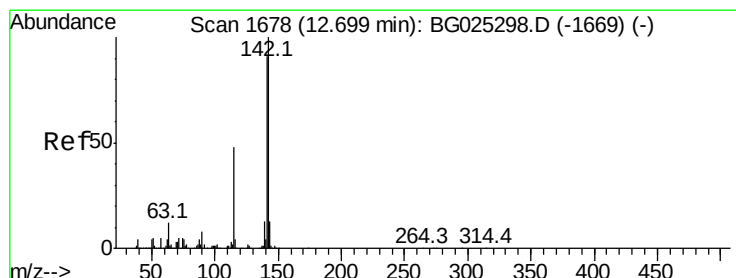
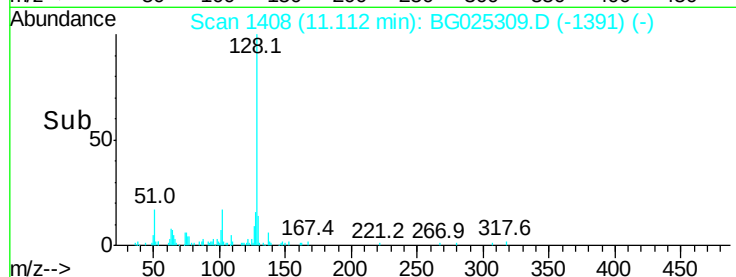
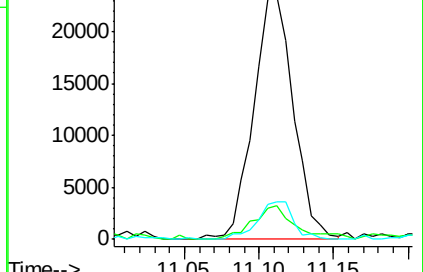
127 15.5 10.3 15.5



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: 7.06 ng/ul

RT: 12.70 min Scan# 1678

Delta R.T. -0.00 min

Lab File: BG025309.D

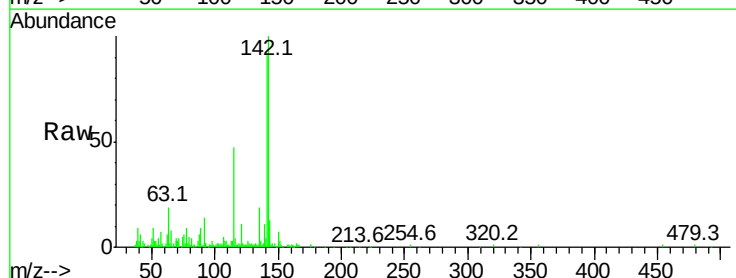
Acq: 18 Dec 2016 13:52

Tgt Ion:142 Resp: 80819

Ion Ratio Lower Upper

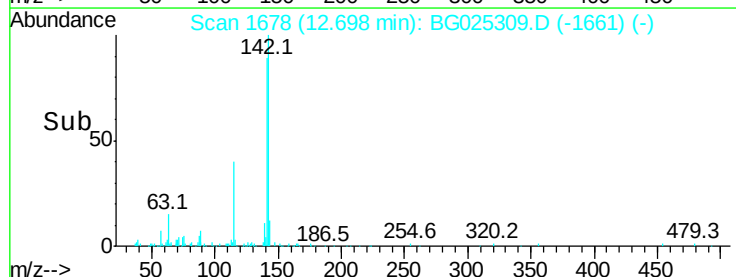
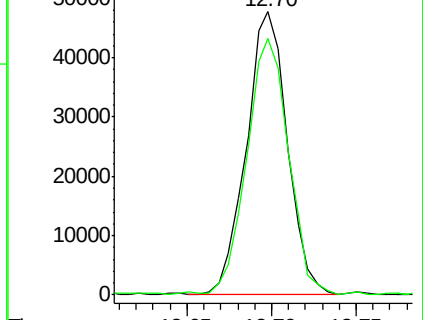
142 100

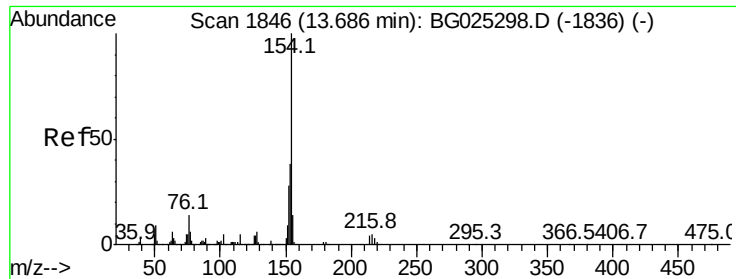
141 90.7 68.6 102.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#40

1,1'-Biphenyl

Concen: 1.56 ng/ul

RT: 13.69 min Scan# 1847

Delta R.T. 0.00 min

Lab File: BG025309.D

Acq: 18 Dec 2016 13:52

Instrument :

BNA_G

ClientSampleId :

DA864DL

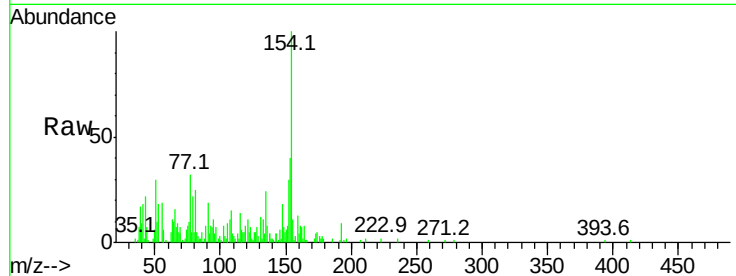
Tot Ion:154 Resp: 23012

Ion Ratio Lower Upper

154 100

153 40.2 32.2 48.2

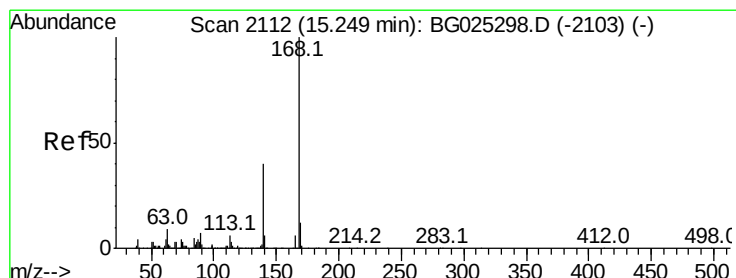
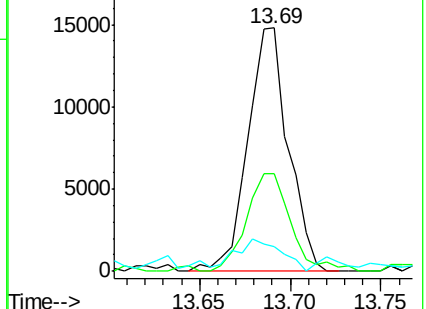
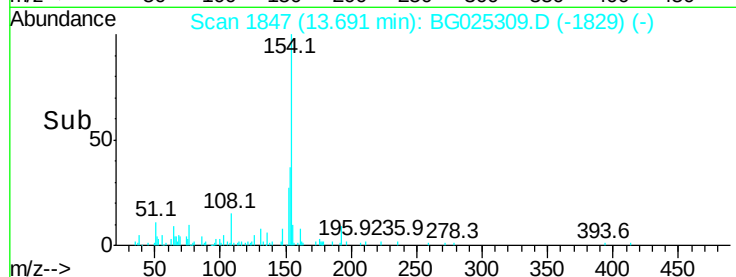
76 10.4 9.6 14.4



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



#53

Dibenzofuran

Concen: 1.85 ng/ul

RT: 15.25 min Scan# 2113

Delta R.T. 0.00 min

Lab File: BG025309.D

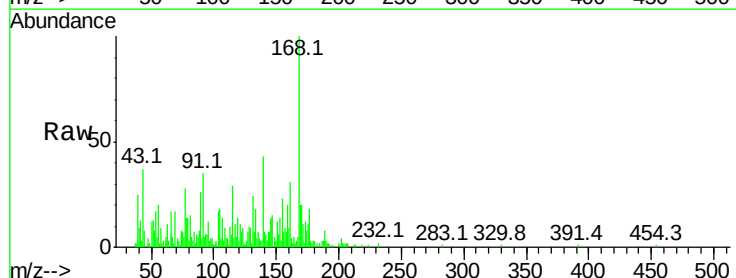
Acq: 18 Dec 2016 13:52

Tgt Ion:168 Resp: 35759

Ion Ratio Lower Upper

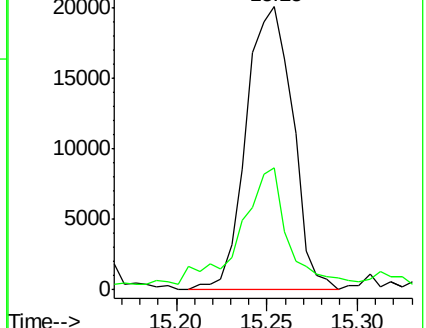
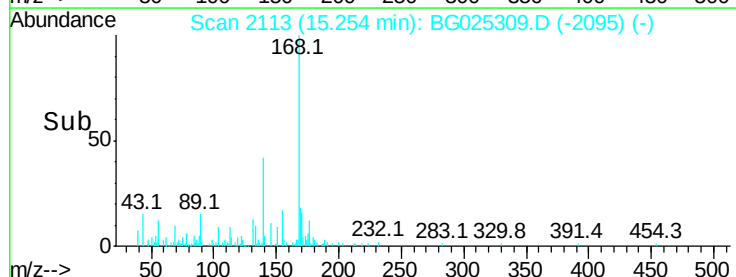
168 100

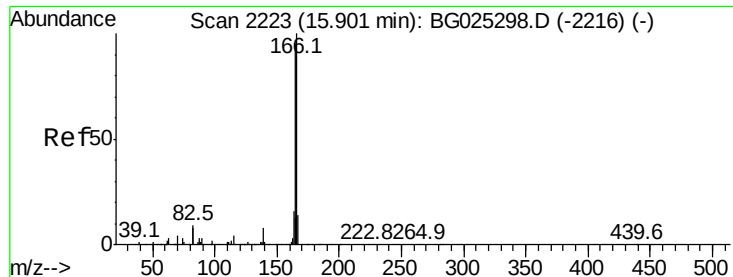
139 43.1 33.8 50.8



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E





#58

Fluorene

Concen: 3.22 ng/ul

RT: 15.90 min Scan# 2223

Delta R.T. -0.00 min

Lab File: BG025309.D

Acq: 18 Dec 2016 13:52

Instrument :

BNA_G

ClientSampleId :

DA864DL

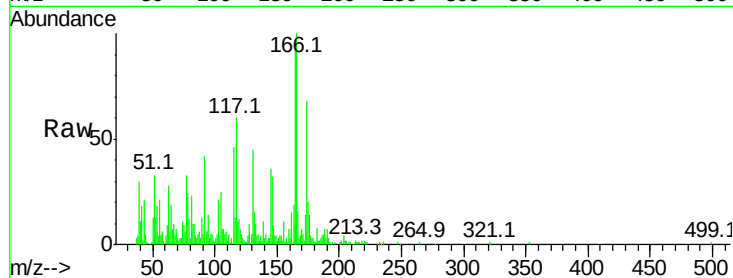
Tot Ion:166 Resp: 50806

Ion Ratio Lower Upper

166 100

165 93.4 79.7 119.5

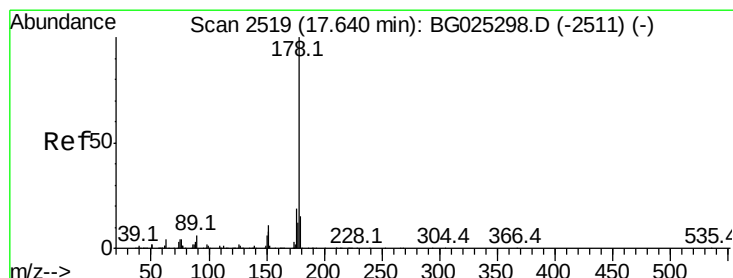
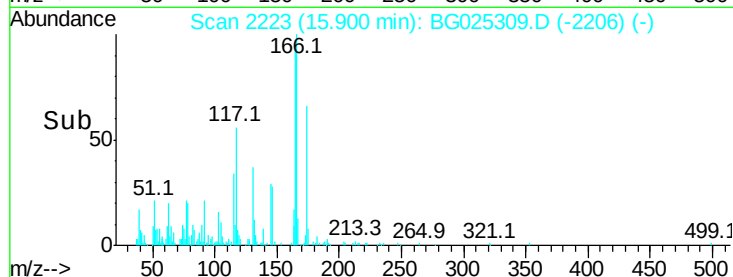
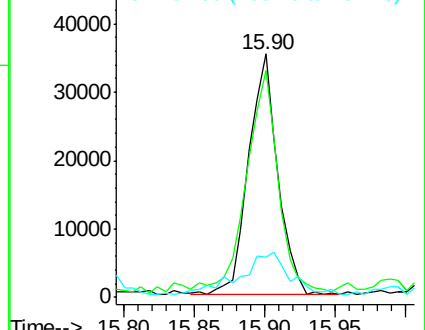
167 16.4 11.4 17.2



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: 3.32 ng/ul

RT: 17.64 min Scan# 2519

Delta R.T. -0.00 min

Lab File: BG025309.D

Acq: 18 Dec 2016 13:52

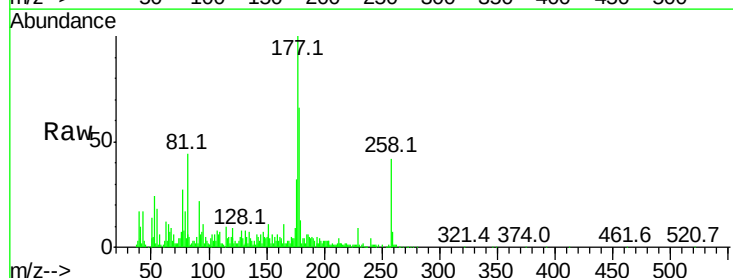
Tgt Ion:178 Resp: 80433

Ion Ratio Lower Upper

178 100

179 19.5 12.4 18.6#

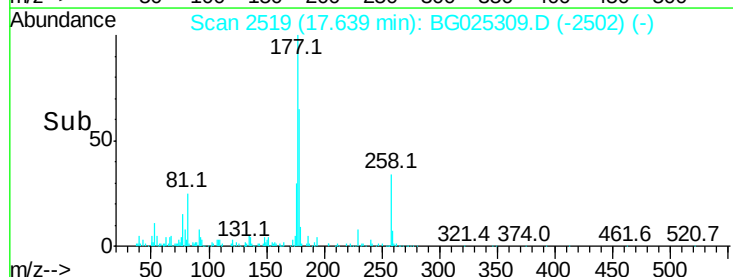
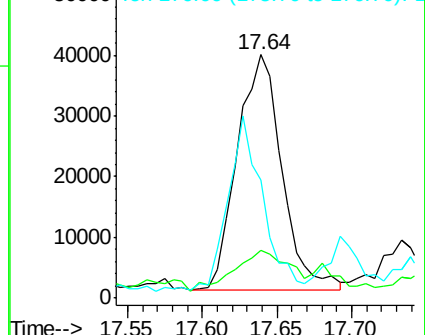
176 48.6 16.5 24.7#

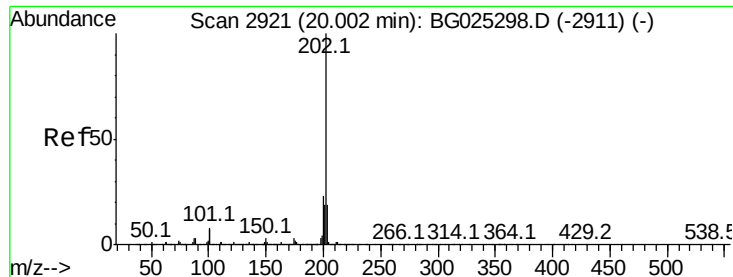


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#77

Pvrene

Concen: 1.07 ng/ul

RT: 20.00 min Scan# 2920

Delta R.T. -0.01 min

Lab File: BG025309.D

Acq: 18 Dec 2016 13:52

Instrument :

BNA_G

ClientSampleId :

DA864DL

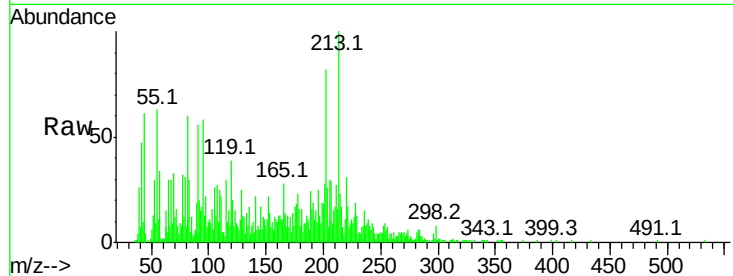
Tot Ion:202 Resp: 34240

Ion Ratio Lower Upper

202 100

101 13.1 6.9 10.3#

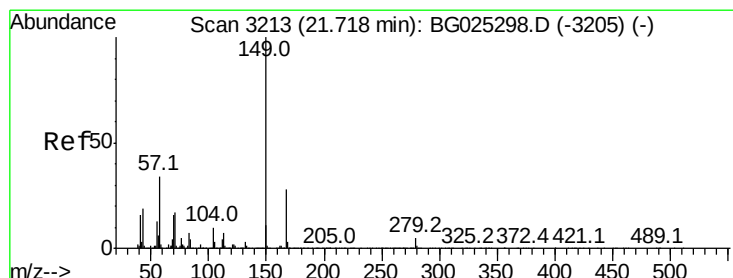
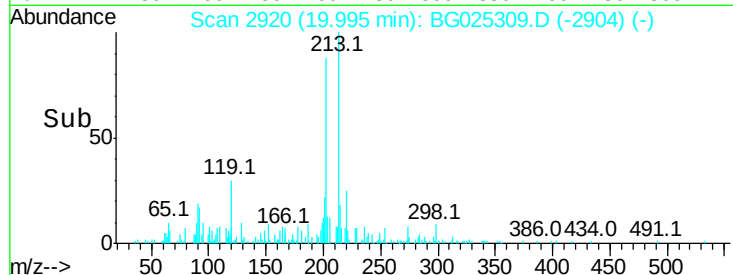
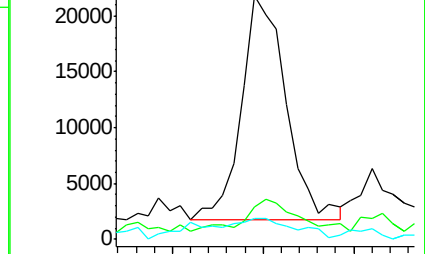
100 8.3 6.6 10.0



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E



#81

Bis(2-ethylhexyl)phthalate

Concen: 1.98 ng/ul

RT: 21.71 min Scan# 3212

Delta R.T. -0.01 min

Lab File: BG025309.D

Acq: 18 Dec 2016 13:52

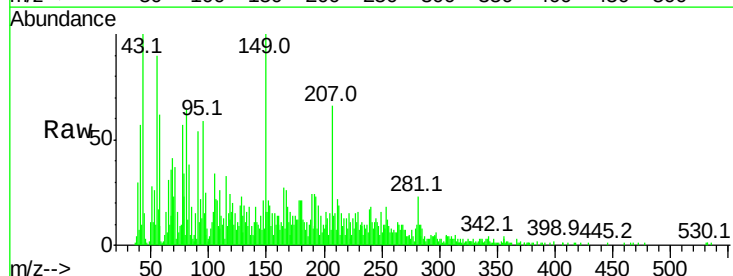
Tgt Ion:149 Resp: 34179

Ion Ratio Lower Upper

149 100

167 25.9 21.8 32.8

279 8.1 4.5 6.7#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

