

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121516\
 Data File : BG025218.D
 Acq On : 15 Dec 2016 19:18
 Operator : UM/SJ
 Sample : H5995-11
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Dec 16 03:28:21 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 16 03:23:37 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.24	152	67774	20.00	ng/ul	0.00
18) Naphthalene-d8	11.06	136	303483	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.86	164	248418	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.60	188	516849	20.00	ng/ul	0.00
75) Chrysene-d12	21.89	240	653818	20.00	ng/ul	0.00
83) Perylene-d12	25.30	264	626494	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.59	96	2630	2.00	ng/uL	0.00
5) Phenol-d5	7.38	99	79350	13.57	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.55	67	51336	14.19	ng/ul	0.00
9) 2-Chlorophenol-d4	7.76	132	57576	14.08	ng/ul	0.00
13) 4-Methylphenol-d8	8.94	113	66391	13.59	ng/ul	0.00
19) Nitrobenzene-d5	9.41	128	30461	14.17	ng/ul	0.00
22) 2-Nitrophenol-d4	10.13	143	37551	14.02	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.69	165	70214	13.63	ng/ul	0.00
29) 4-Chloroaniline-d4	11.20	131	49113	9.70	ng/ul	0.00
43) Dimethylphthalate-d6	14.25	166	245917	14.39	ng/ul	0.00
46) Acenaphthylene-d8	14.55	160	293203	15.67	ng/ul	0.00
51) 4-Nitrophenol-d4	15.07	143	32873	11.19	ng/ul	0.00
57) Fluorene-d10	15.84	176	219377	13.64	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.96	200	21001	6.57	ng/ul	0.00
70) Anthracene-d10	17.70	188	355598	16.30	ng/ul	0.00
76) Pyrene-d10	19.97	212	443595	16.47	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.07	264	411251	16.20	ng/ul	0.00

Target Compounds

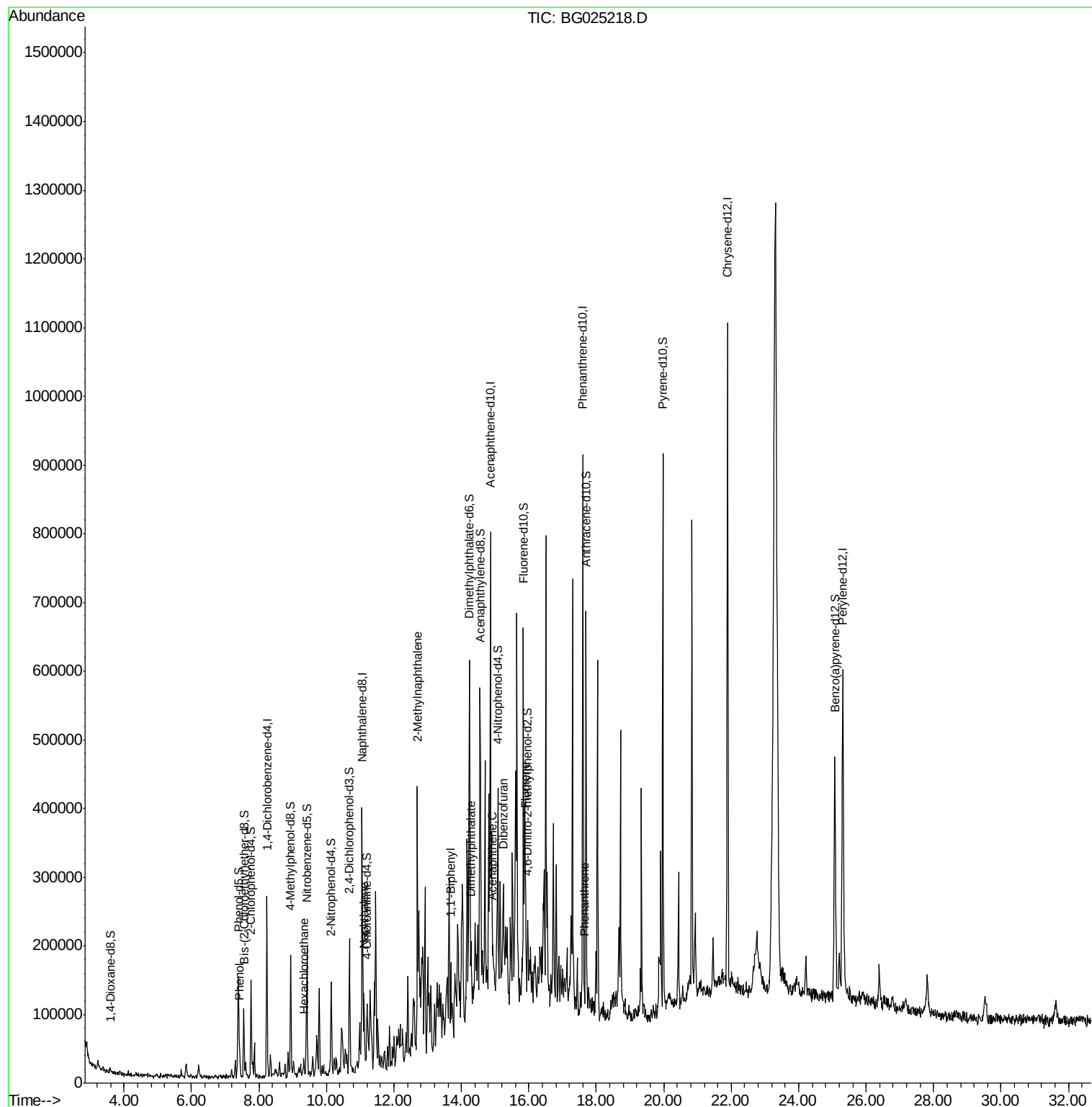
						Ovalue
6) Phenol	7.42	94	16784	2.80	ng/ul	95
17) Hexachloroethane	9.34	117	3891	2.14	ng/ul#	1
28) Naphthalene	11.11	128	78393	5.56	ng/ul	97
34) 2-Methylnaphthalene	12.70	142	173601	15.59	ng/ul	99
40) 1,1'-Biphenyl	13.68	154	56363	3.74	ng/ul#	95
44) Dimethylphthalate	14.29	163	36142	2.15	ng/ul#	93
49) Acenaphthene	14.92	153	16963	1.36	ng/ul#	82
53) Dibenzofuran	15.25	168	47912	2.43	ng/ul	94
58) Fluorene	15.90	166	53500	3.33	ng/ul#	94
69) Phenanthrene	17.64	178	29627	1.20	ng/ul#	89

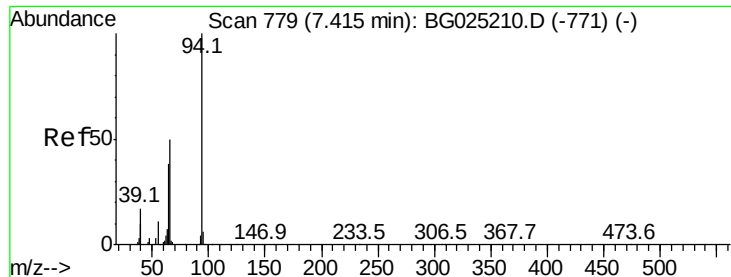
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration





#6

Phenol

Concen: 2.80 ng/ul

RT: 7.42 min Scan# 780

Delta R.T. 0.00 min

Lab File: BG025218.D

Acq: 15 Dec 2016 19:18

Instrument :

BNA_G

ClientSampled :

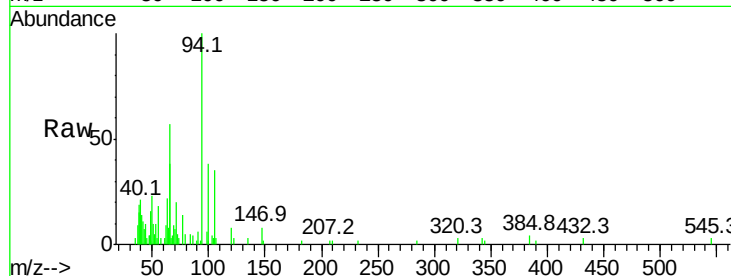
Tot Ion: 94 Resp: 16784

Ion Ratio Lower Upper

94 100

65 38.3 26.8 40.2

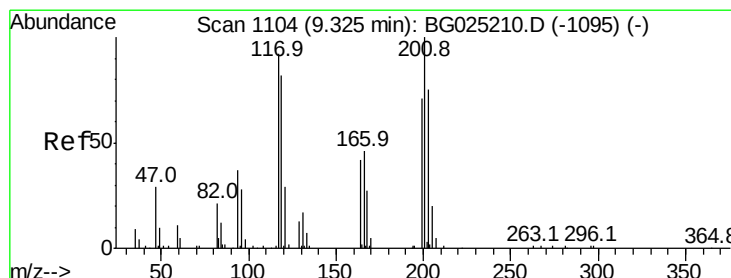
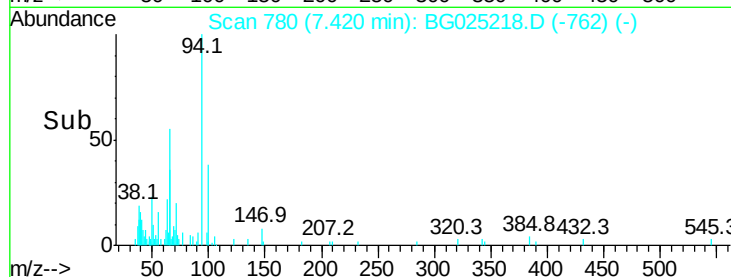
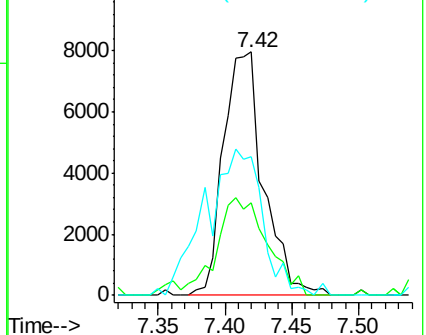
66 57.1 44.4 66.6



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



#17

Hexachloroethane

Concen: 2.14 ng/ul

RT: 9.34 min Scan# 1106

Delta R.T. 0.01 min

Lab File: BG025218.D

Acq: 15 Dec 2016 19:18

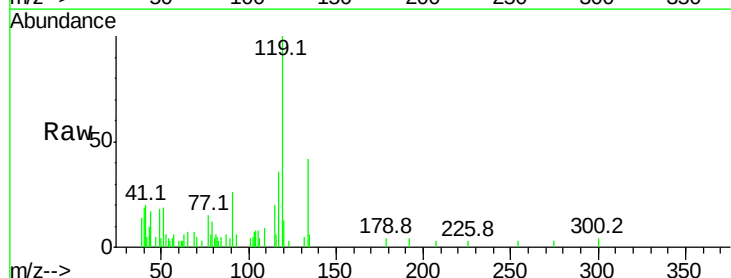
Tgt Ion: 117 Resp: 3891

Ion Ratio Lower Upper

117 100

201 0.0 91.9 137.9#

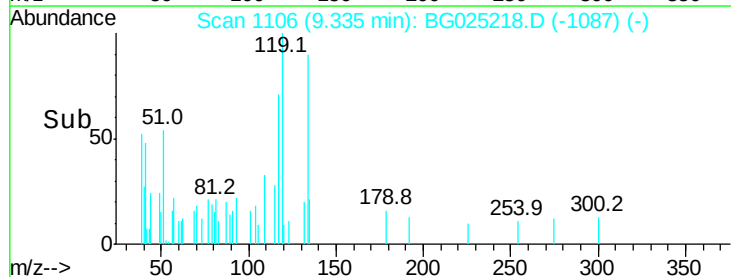
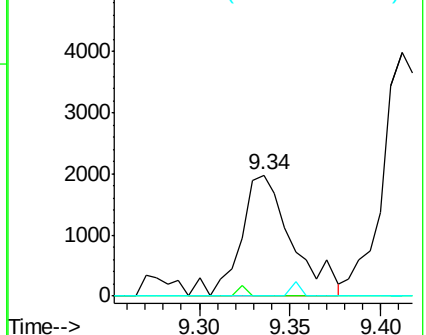
199 0.0 64.3 96.5#

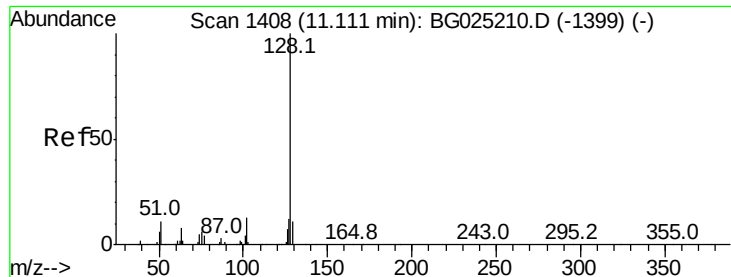


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 201.00 (200.70 to 201.70): E

Ion 199.00 (198.70 to 199.70): E

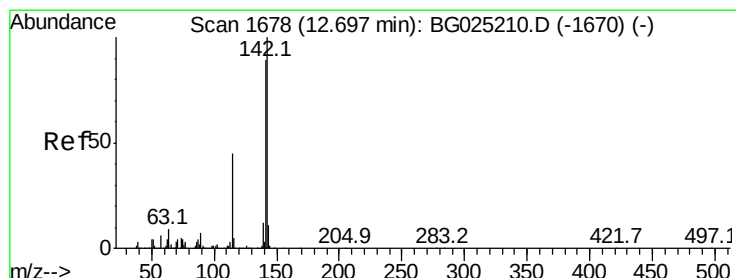
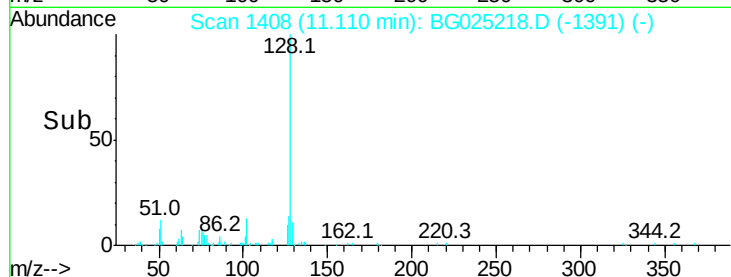
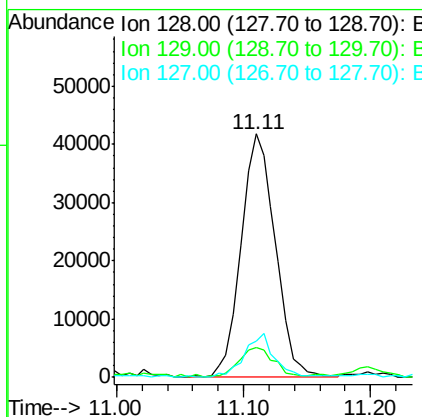
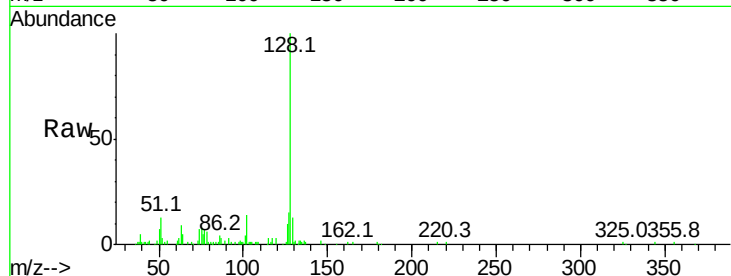




#28
Naphthalene
Concen: 5.56 ng/ul
RT: 11.11 min Scan# 1408
Delta R.T. -0.00 min
Lab File: BG025218.D
Acq: 15 Dec 2016 19:18

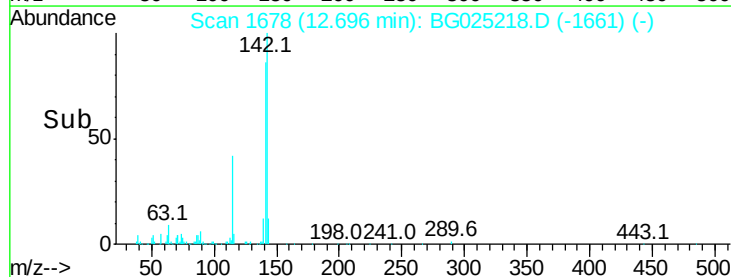
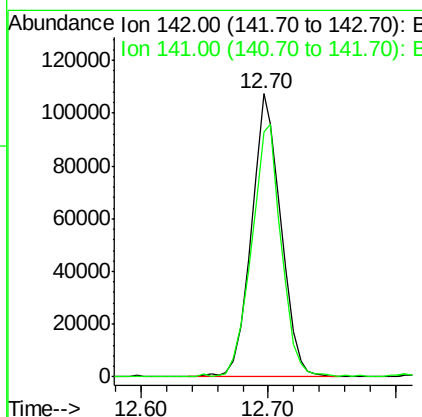
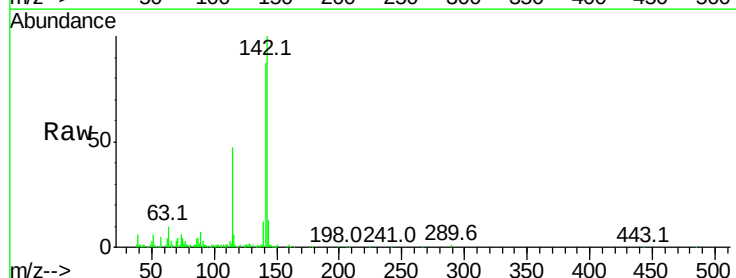
Instrument :
BNA_G
ClientSampled :

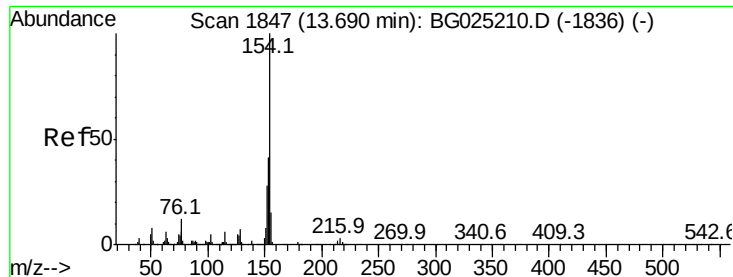
Tot Ion:128 Resp: 78393
Ion Ratio Lower Upper
128 100
129 12.5 9.4 14.2
127 14.8 10.3 15.5



#34
2-Methylnaphthalene
Concen: 15.59 ng/ul
RT: 12.70 min Scan# 1678
Delta R.T. -0.00 min
Lab File: BG025218.D
Acq: 15 Dec 2016 19:18

Tgt Ion:142 Resp: 173601
Ion Ratio Lower Upper
142 100
141 86.6 68.6 102.8





#40

1,1'-Biphenyl

Concen: 3.74 ng/ul

RT: 13.68 min Scan# 1846

Delta R.T. -0.01 min

Lab File: BG025218.D

Acq: 15 Dec 2016 19:18

Instrument :

BNA_G

ClientSampleId :

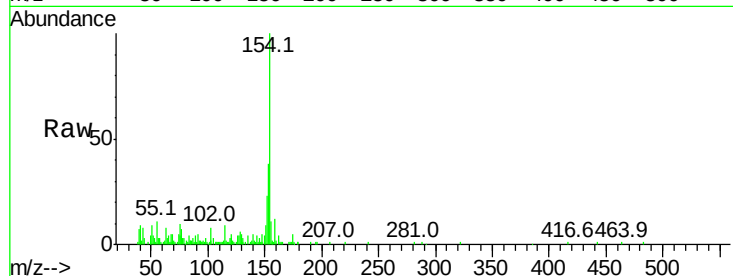
Tot Ion:154 Resp: 56363

Ion Ratio Lower Upper

154 100

153 37.7 32.2 48.2

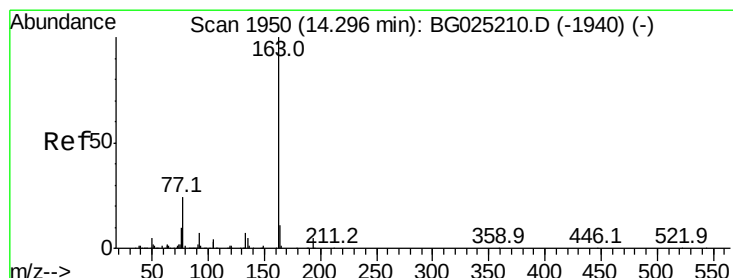
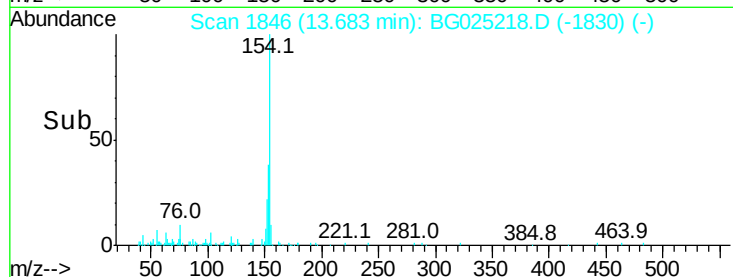
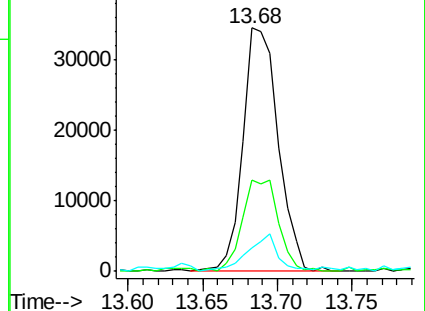
76 9.5 9.6 14.4#



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



#44

Dimethylphthalate

Concen: 2.15 ng/ul

RT: 14.29 min Scan# 1950

Delta R.T. -0.00 min

Lab File: BG025218.D

Acq: 15 Dec 2016 19:18

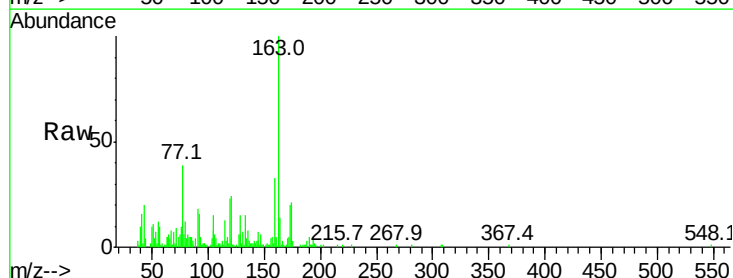
Tgt Ion:163 Resp: 36142

Ion Ratio Lower Upper

163 100

194 5.0 3.4 5.0

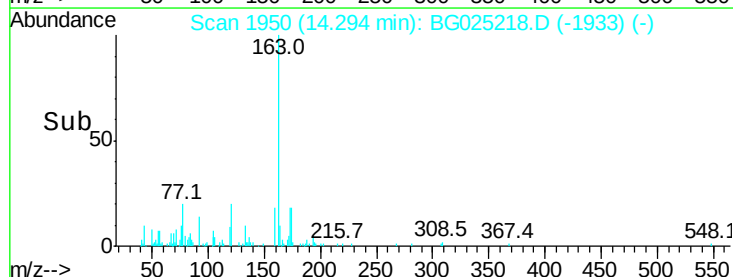
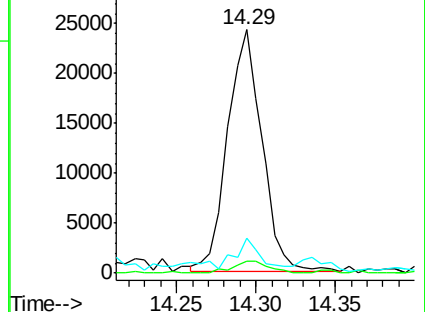
164 14.5 9.0 13.4#

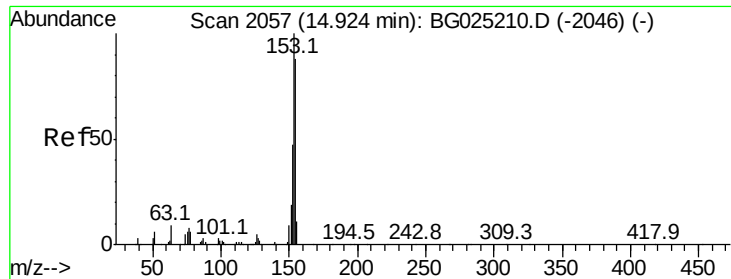


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#49

Acenaphthene

Concen: 1.36 ng/ul

RT: 14.92 min Scan# 2056

Delta R.T. -0.01 min

Lab File: BG025218.D

Acq: 15 Dec 2016 19:18

Instrument :

BNA_G

ClientSampleId :

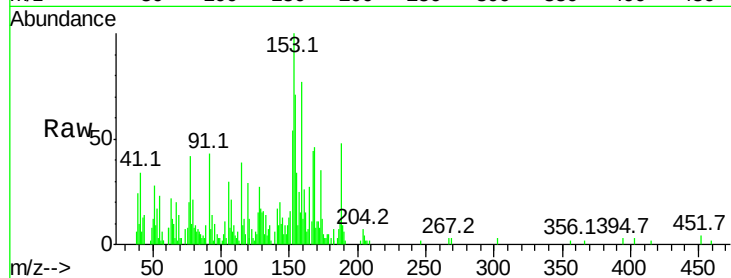
Tot Ion:153 Resp: 16963

Ion Ratio Lower Upper

153 100

152 54.0 36.5 54.7

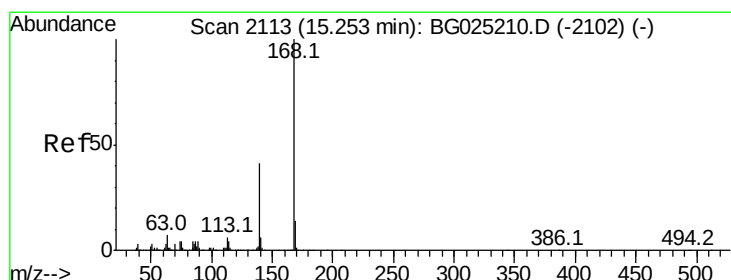
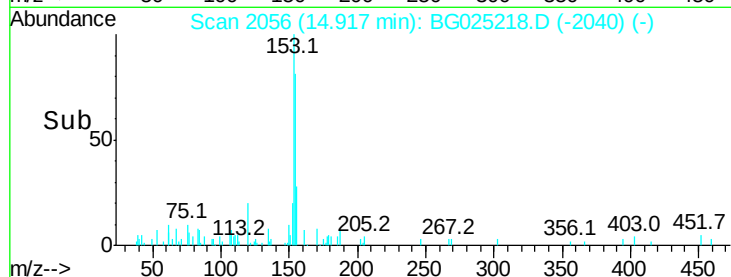
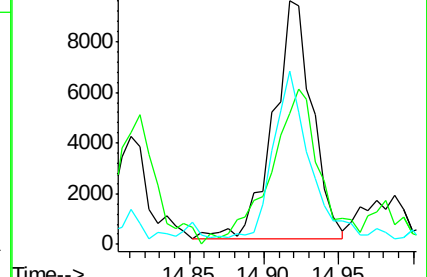
154 71.4 72.3 108.5#



Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



#53

Dibenzofuran

Concen: 2.43 ng/ul

RT: 15.25 min Scan# 2113

Delta R.T. -0.00 min

Lab File: BG025218.D

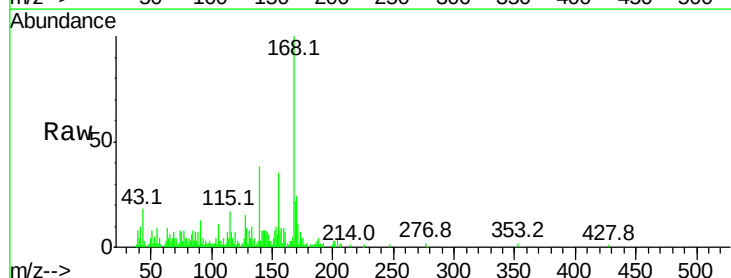
Acq: 15 Dec 2016 19:18

Tgt Ion:168 Resp: 47912

Ion Ratio Lower Upper

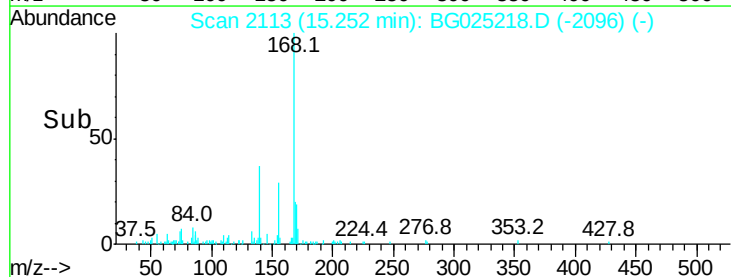
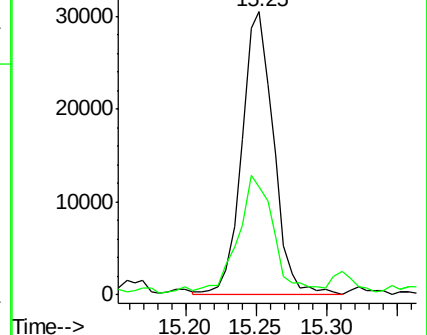
168 100

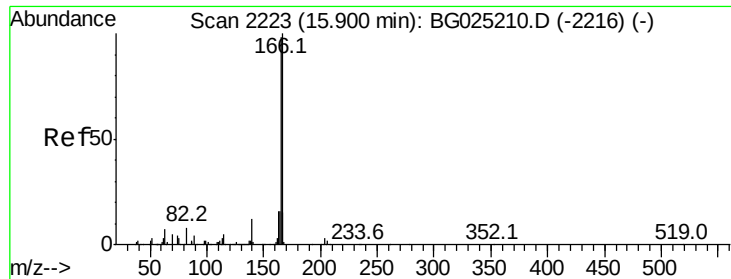
139 38.3 33.8 50.8



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

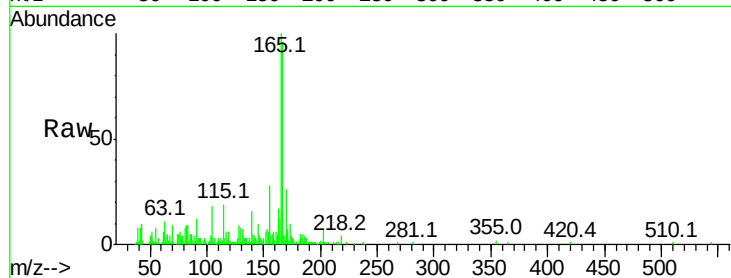




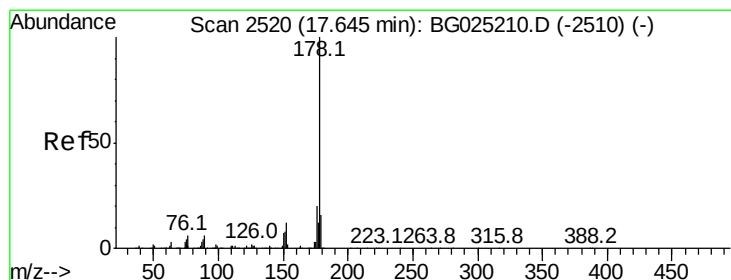
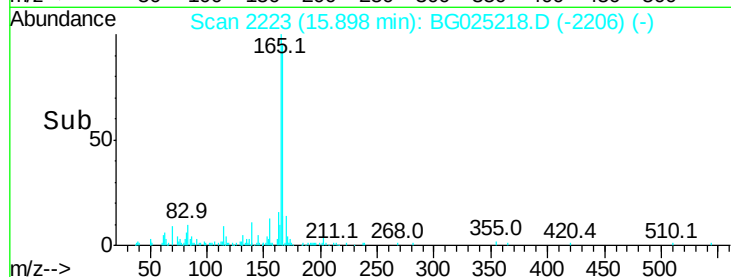
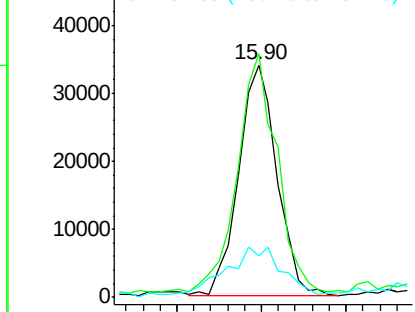
#58
 Fluorene
 Concen: 3.33 ng/ul
 RT: 15.90 min Scan# 2223
 Delta R.T. -0.00 min
 Lab File: BG025218.D
 Acq: 15 Dec 2016 19:18

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
166	100		
165	104.7	79.7	119.5
167	17.9	11.4	17.2#

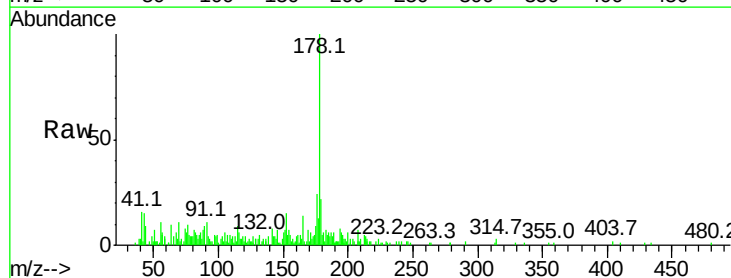


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E



#69
 Phenanthrene
 Concen: 1.20 ng/ul
 RT: 17.64 min Scan# 2519
 Delta R.T. -0.01 min
 Lab File: BG025218.D
 Acq: 15 Dec 2016 19:18

Tgt Ion	Ratio	Lower	Upper
178	100		
179	22.3	12.4	18.6#
176	24.2	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

