

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
 Data File : BG025286.D
 Acq On : 17 Dec 2016 22:46
 Operator : UM/SJ
 Sample : H6040-11DL 5X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Dec 18 04:01:58 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Dec 18 03:57:56 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.23	152	68164	20.00	ng/ul	0.00
18) Naphthalene-d8	11.06	136	279587	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.86	164	211768	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.60	188	458069	20.00	ng/ul	0.00
75) Chrysene-d12	21.90	240	602707	20.00	ng/ul	0.00
83) Perylene-d12	25.32	264	613532	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.57	96	2013	1.53	ng/uL	-0.02
5) Phenol-d5	7.40	99	17511	2.98	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.55	67	10375	2.85	ng/ul	0.00
9) 2-Chlorophenol-d4	7.77	132	12827	3.12	ng/ul	0.00
13) 4-Methylphenol-d8	8.95	113	15398	3.13	ng/ul	0.00
19) Nitrobenzene-d5	9.41	128	5679	2.87	ng/ul	0.00
22) 2-Nitrophenol-d4	10.14	143	7460	3.02	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.69	165	13992	2.95	ng/ul	0.00
29) 4-Chloroaniline-d4	11.22	131	15904	3.41	ng/ul	0.01
43) Dimethylphthalate-d6	14.25	166	51053	3.50	ng/ul	0.00
46) Acenaphthylene-d8	14.55	160	62020	3.89	ng/ul	0.00
51) 4-Nitrophenol-d4	15.11	143	6451	2.58	ng/ul	0.02
57) Fluorene-d10	15.85	176	79506	5.80	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.99	200	9871	3.49	ng/ul	0.00
70) Anthracene-d10	17.70	188	74840	3.87	ng/ul	0.00
76) Pyrene-d10	19.98	212	92176	3.71	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.09	264	90889	3.66	ng/ul	0.00

Target Compounds

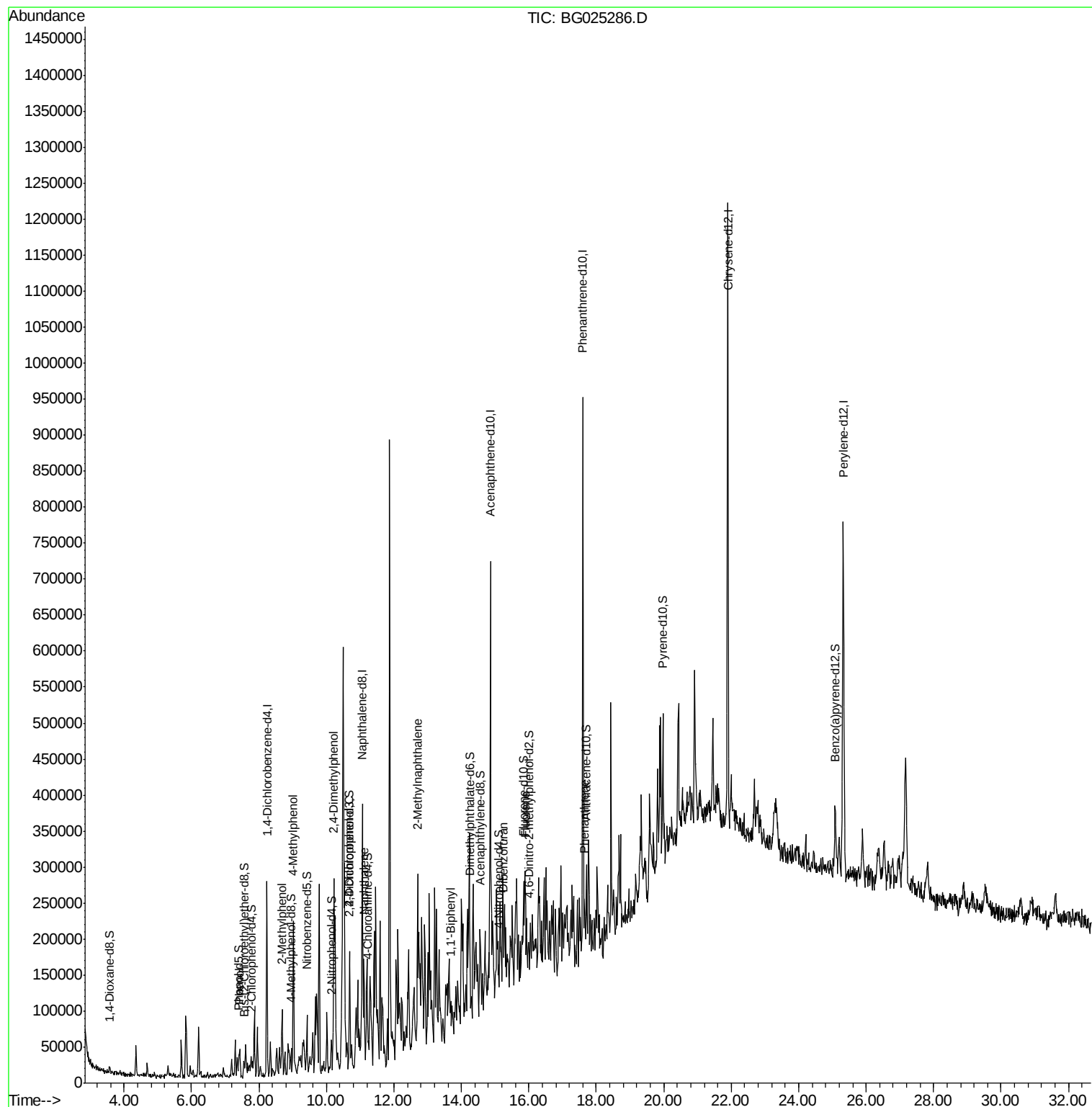
						Ovalue
6) Phenol	7.43	94	7094	1.18	ng/ul#	88
11) 2-Methylphenol	8.68	108	27780	6.25	ng/ul	91
16) 4-Methylphenol	9.02	108	70839	14.33	ng/ul	91
24) 2,4-Dimethylphenol	10.22	107	105178	18.37	ng/ul	94
27) 2,4-Dichlorophenol	10.68	162	7344	1.59	ng/ul#	25
28) Naphthalene	11.12	128	101365	7.80	ng/ul#	96
34) 2-Methylnaphthalene	12.70	142	107364	10.47	ng/ul	98
40) 1,1'-Biophenyl	13.69	154	25903	2.02	ng/ul#	90
53) Dibenzofuran	15.25	168	26070	1.55	ng/ul	97
58) Fluorene	15.90	166	39913	2.92	ng/ul	98
69) Phenanthrene	17.64	178	41988	1.92	ng/ul#	96

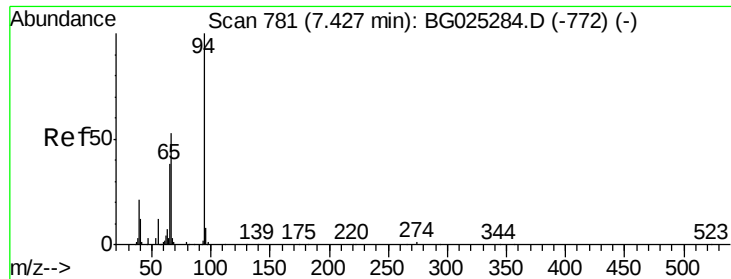
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Sun Dec 18 03:57:56 2016
Response via : Initial Calibration





#6

Phenol

Concen: 1.18 ng/ul

RT: 7.43 min Scan# 782

Delta R.T. 0.00 min

Lab File: BG025286.D

Acq: 17 Dec 2016 22:46

Instrument :

BNA_G

ClientSampled :

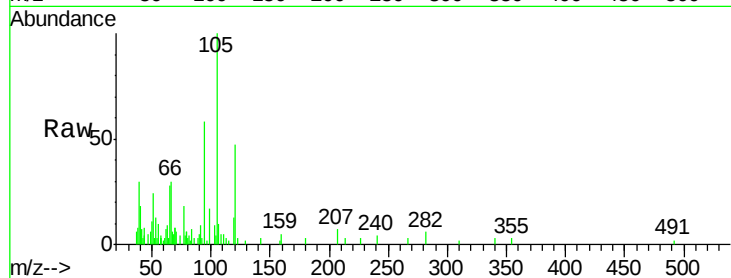
Tot Ion: 94 Resp: 7094

Ion Ratio Lower Upper

94 100

65 47.8 26.8 40.2#

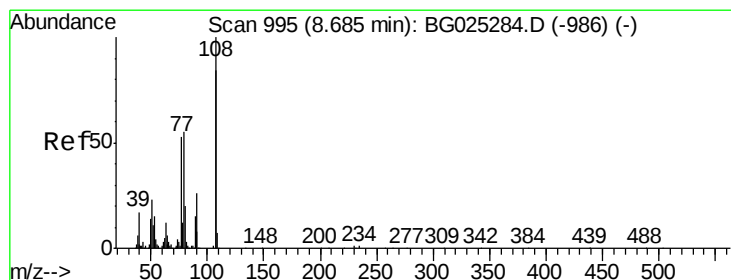
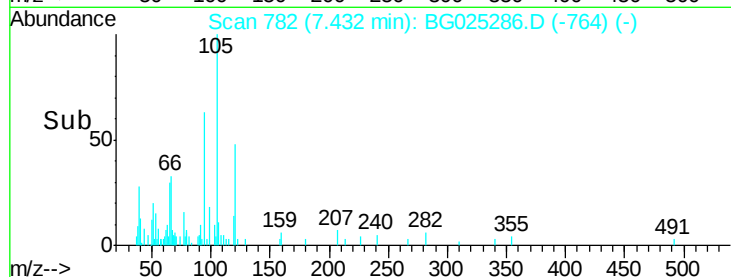
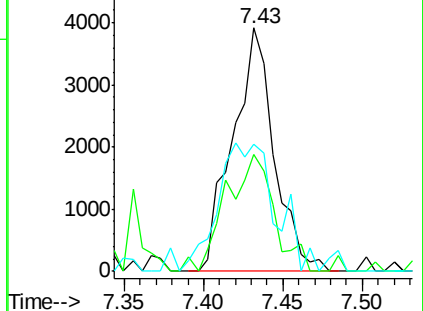
66 52.3 44.4 66.6



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: 6.25 ng/ul

RT: 8.68 min Scan# 995

Delta R.T. -0.00 min

Lab File: BG025286.D

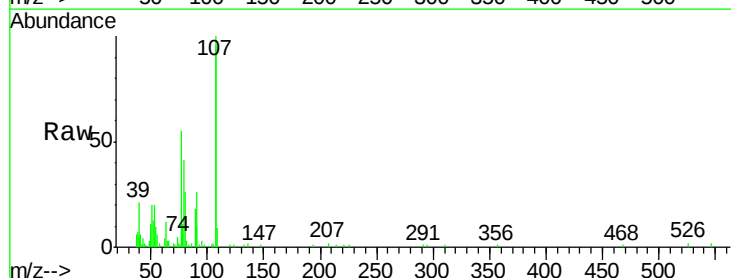
Acq: 17 Dec 2016 22:46

Tgt Ion:108 Resp: 27780

Ion Ratio Lower Upper

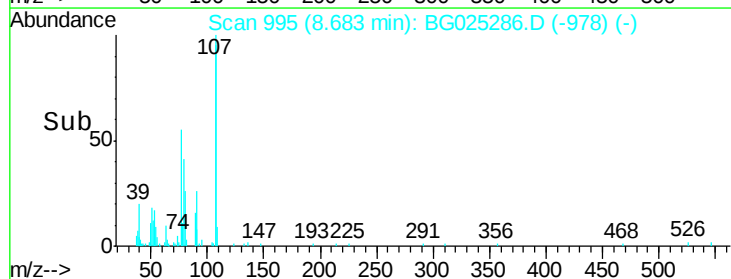
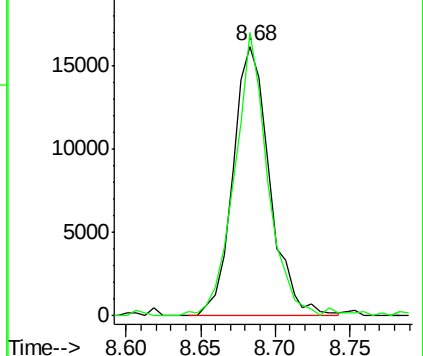
108 100

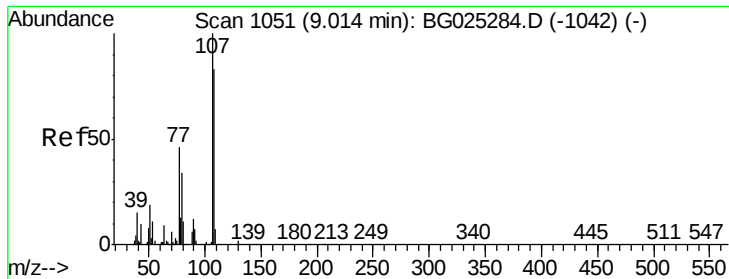
107 105.0 76.7 115.1



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

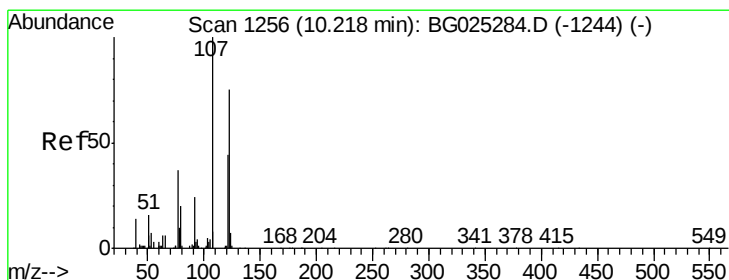
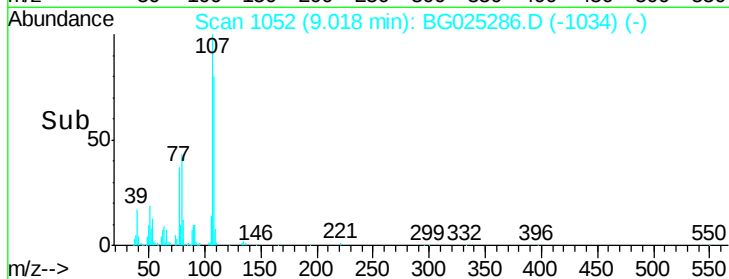
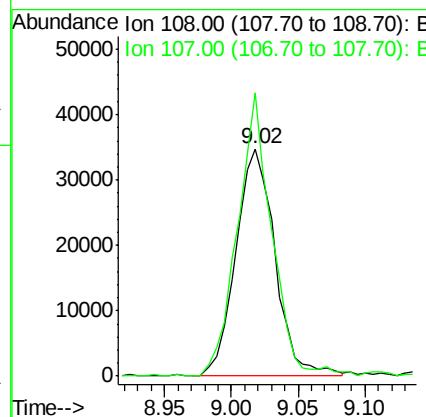
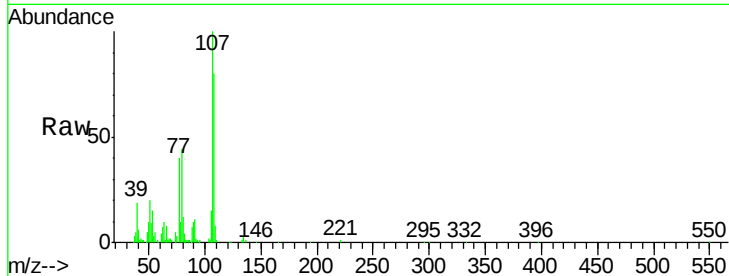




#16
4-Methylphenol
Concen: 14.33 ng/ul
RT: 9.02 min Scan# 1052
Delta R.T. 0.00 min
Lab File: BG025286.D
Acq: 17 Dec 2016 22:46

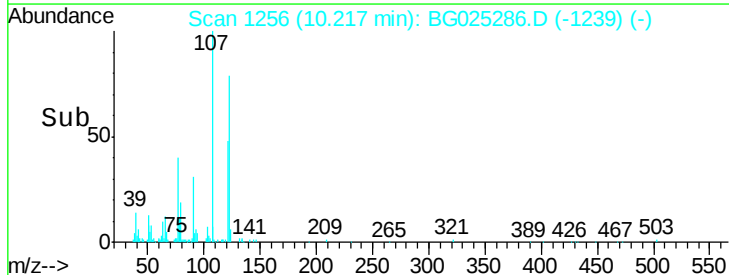
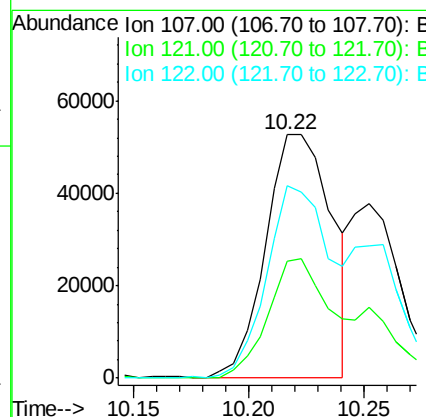
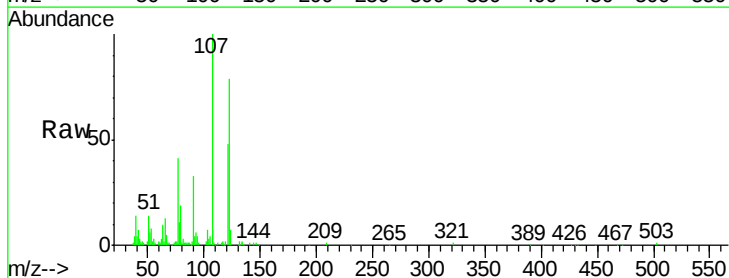
Instrument :
BNA_G
ClientSampleId :

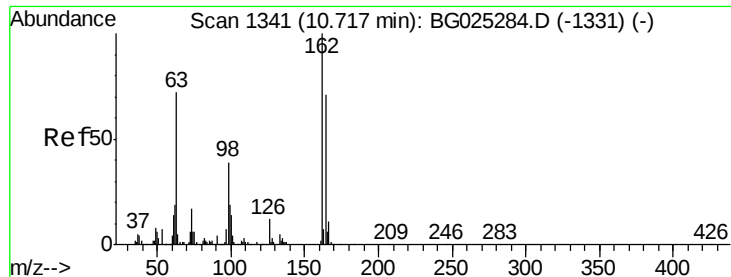
Tot Ion:108 Resp: 70839
Ion Ratio Lower Upper
108 100
107 124.4 91.7 137.5



#24
2,4-Dimethylphenol
Concen: 18.37 ng/ul
RT: 10.22 min Scan# 1256
Delta R.T. -0.00 min
Lab File: BG025286.D
Acq: 17 Dec 2016 22:46

Tgt Ion:107 Resp: 105178
Ion Ratio Lower Upper
107 100
121 48.2 32.3 48.5
122 79.2 61.2 91.8





#27

2,4-Dichlorophenol

Concen: 1.59 ng/ul

RT: 10.68 min Scan# 1335

Delta R.T. -0.04 min

Lab File: BG025286.D

Acq: 17 Dec 2016 22:46

Instrument :

BNA_G

ClientSampleId :

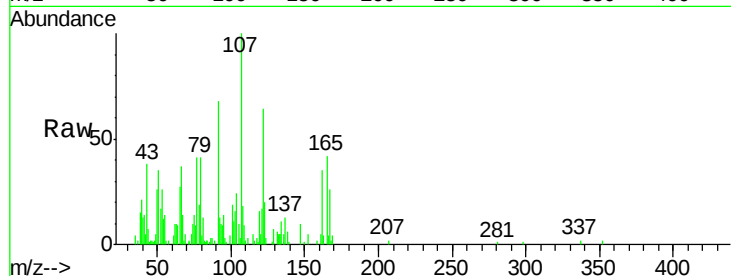
Tot Ion:162 Resp: 7344

Ion Ratio Lower Upper

162 100

164 0.0 50.8 76.2#

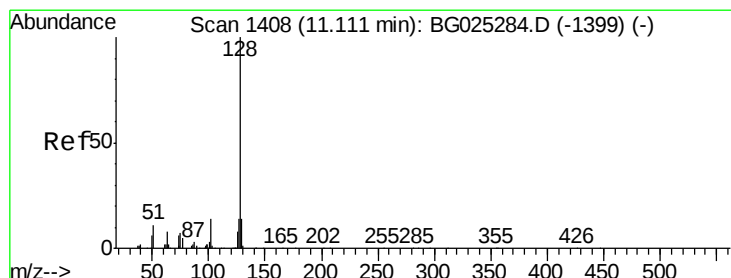
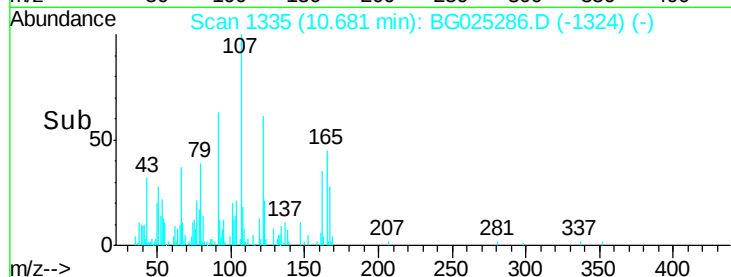
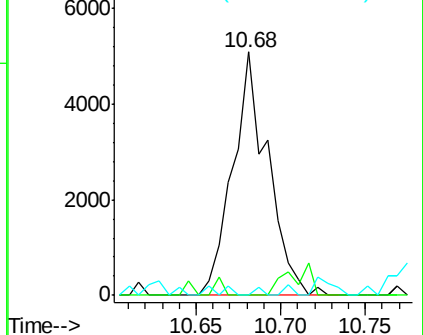
98 0.0 32.1 48.1#



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#28

Naphthalene

Concen: 7.80 ng/ul

RT: 11.12 min Scan# 1409

Delta R.T. 0.00 min

Lab File: BG025286.D

Acq: 17 Dec 2016 22:46

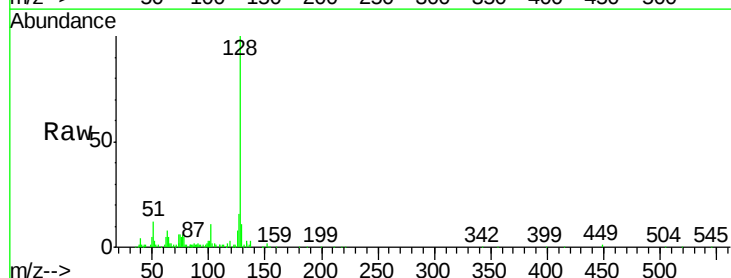
Tgt Ion:128 Resp: 101365

Ion Ratio Lower Upper

128 100

129 11.5 9.4 14.2

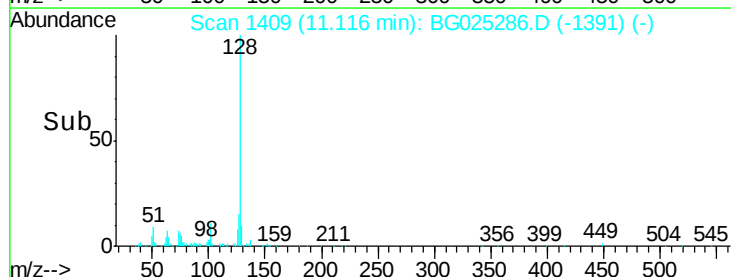
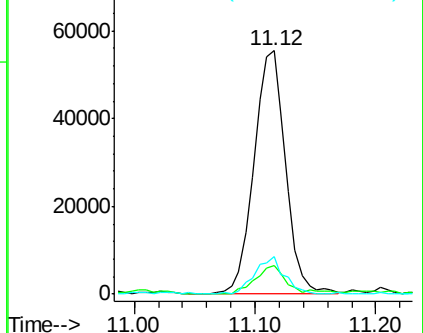
127 15.5 10.3 15.5#

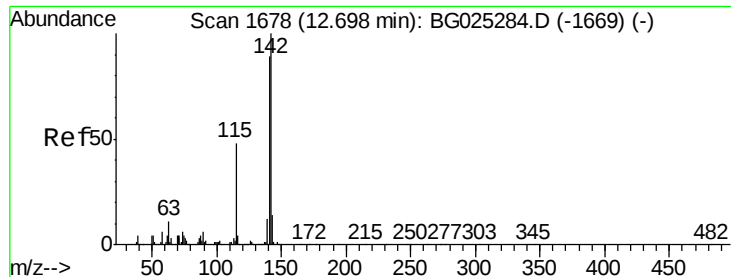


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

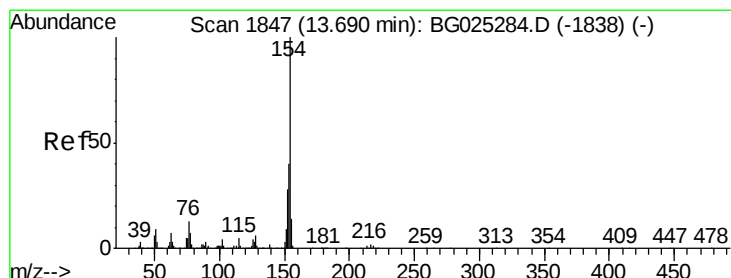
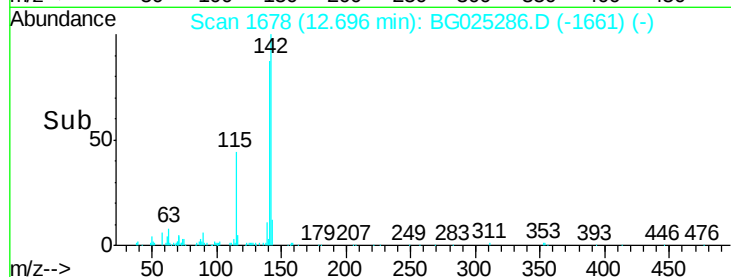
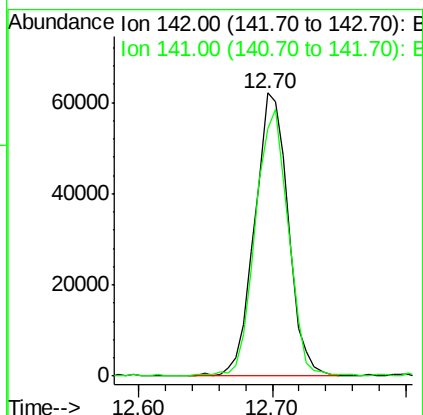
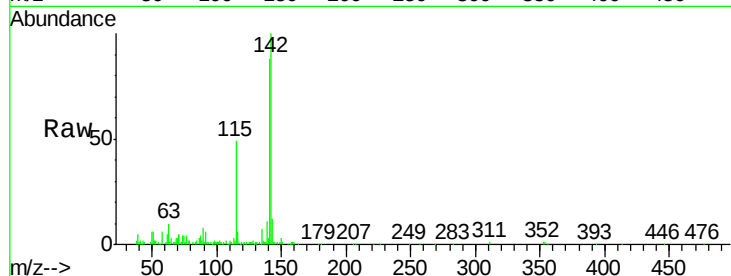




#34
 2-Methylnaphthalene
 Concen: 10.47 ng/ul
 RT: 12.70 min Scan# 1678
 Delta R.T. -0.00 min
 Lab File: BG025286.D
 Acq: 17 Dec 2016 22:46

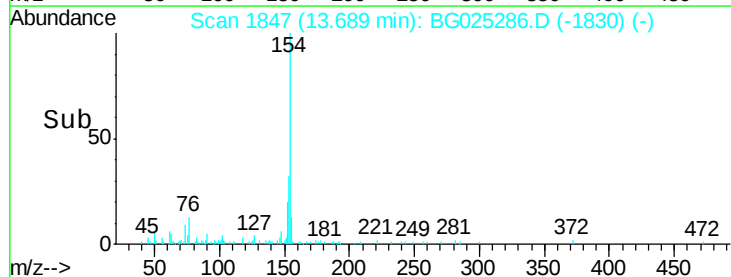
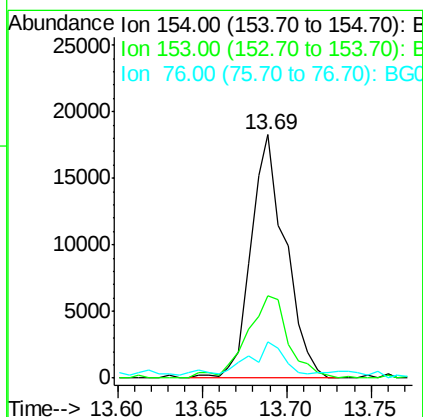
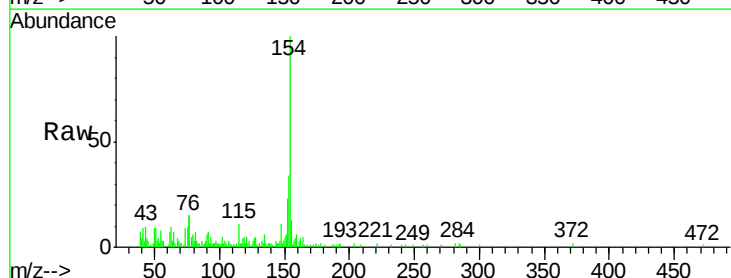
Instrument :
 BNA_G
 ClientSampleId :

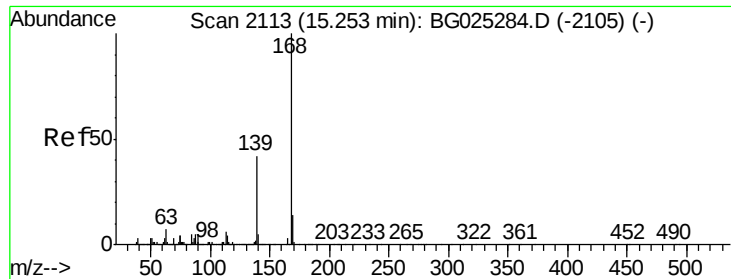
Tot Ion:142 Resp: 107364
 Ion Ratio Lower Upper
 142 100
 141 87.6 68.6 102.8



#40
 1,1'-Biphenyl
 Concen: 2.02 ng/ul
 RT: 13.69 min Scan# 1847
 Delta R.T. -0.00 min
 Lab File: BG025286.D
 Acq: 17 Dec 2016 22:46

Tgt Ion:154 Resp: 25903
 Ion Ratio Lower Upper
 154 100
 153 33.7 32.2 48.2
 76 14.8 9.6 14.4#





#53

Dibenzenofuran

Concen: 1.55 ng/ul

RT: 15.25 min Scan# 2113

Delta R.T. -0.00 min

Lab File: BG025286.D

Acq: 17 Dec 2016 22:46

Instrument :

BNA_G

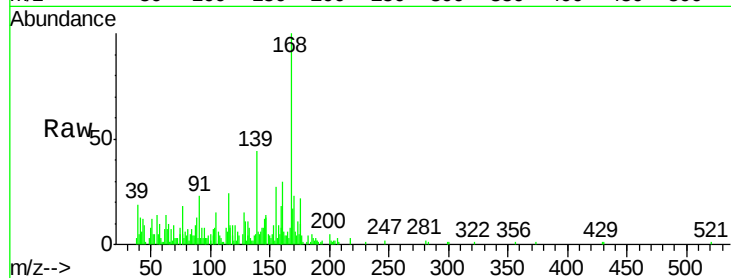
ClientSampleId :

Tot Ion:168 Resp: 26070

Ion Ratio Lower Upper

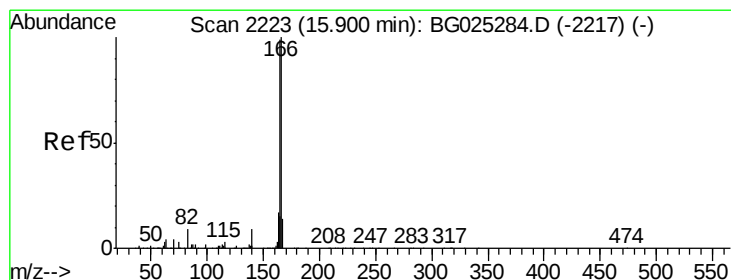
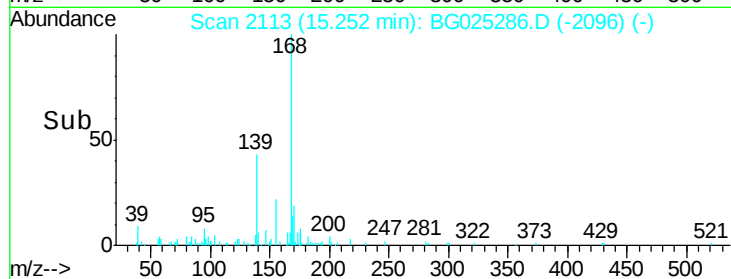
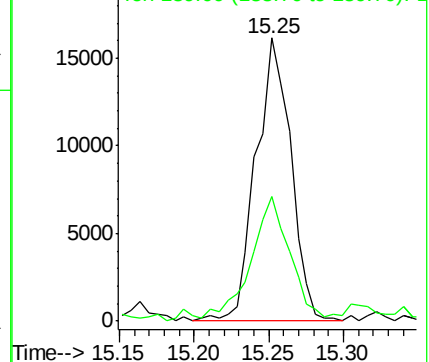
168 100

139 44.1 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: 2.92 ng/ul

RT: 15.90 min Scan# 2223

Delta R.T. -0.00 min

Lab File: BG025286.D

Acq: 17 Dec 2016 22:46

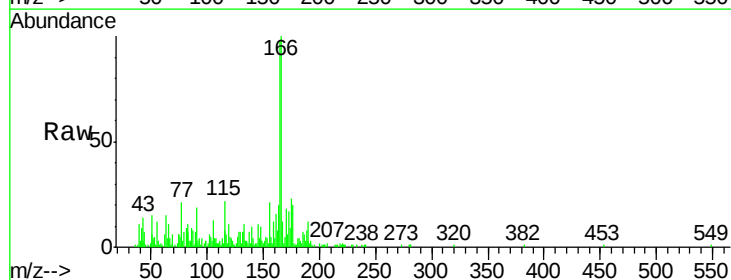
Tgt Ion:166 Resp: 39913

Ion Ratio Lower Upper

166 100

165 98.4 79.7 119.5

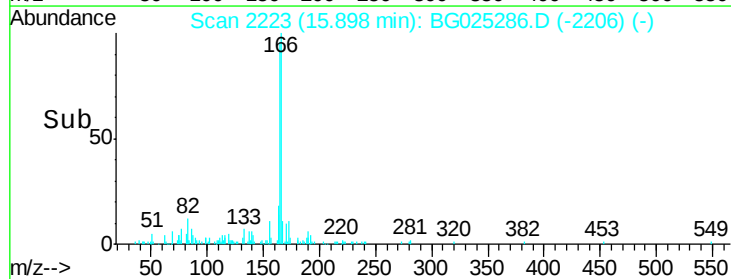
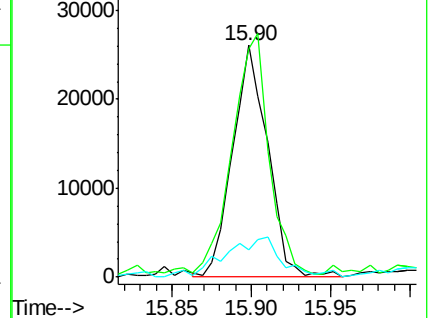
167 12.0 11.4 17.2

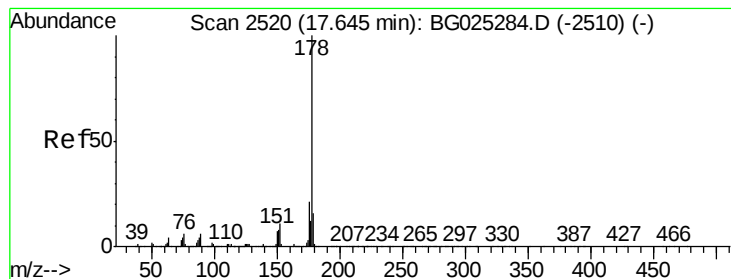


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#69

Phenanthrene

Concen: 1.92 ng/ul

RT: 17.64 min Scan# 2520

Delta R.T. -0.00 min

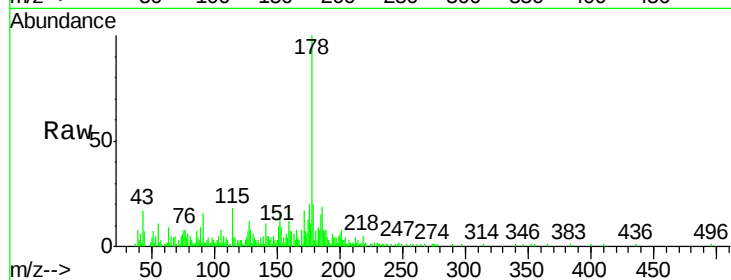
Lab File: BG025286.D

Acq: 17 Dec 2016 22:46

Instrument :

BNA_G

ClientSampleId :



Tot Ion:178 Resp: 41988

Ion Ratio Lower Upper

178 100

179 19.6 12.4 18.6#

176 20.4 16.5 24.7

