

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
 Data File : BG025289.D
 Acq On : 18 Dec 2016 00:44
 Operator : UM/SJ
 Sample : H5995-15DL 5X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DA883DL

Quant Time: Dec 19 19:01:51 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	79607	20.00	ng/ul	0.00
18) Naphthalene-d8	11.06	136	302746	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.86	164	234505	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.61	188	489951	20.00	ng/ul	0.00
75) Chrysene-d12	21.90	240	631138	20.00	ng/ul	0.00
83) Perylene-d12	25.33	264	647265	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.58	96	1209	0.78	ng/uL	0.00
5) Phenol-d5	7.40	99	20906	3.04	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.55	67	15897	3.74	ng/ul	0.00
9) 2-Chlorophenol-d4	7.76	132	13804	2.87	ng/ul	0.00
13) 4-Methylphenol-d8	8.94	113	15722	2.74	ng/ul	0.00
19) Nitrobenzene-d5	9.41	128	8659	4.04	ng/ul	-0.01
22) 2-Nitrophenol-d4	10.14	143	8444	3.16	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.68	165	17537	3.41	ng/ul	0.00
29) 4-Chloroaniline-d4	11.22	131	40648	8.05	ng/ul	0.02
43) Dimethylphthalate-d6	14.26	166	54782	3.40	ng/ul	0.00
46) Acenaphthylene-d8	14.56	160	71321	4.04	ng/ul	0.00
51) 4-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
57) Fluorene-d10	15.85	176	86675	5.71	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	0.00	200	0d	0.00	ng/ul	
70) Anthracene-d10	17.71	188	82417	3.99	ng/ul	0.00
76) Pyrene-d10	19.98	212	97856	3.76	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.09	264	93781	3.58	ng/ul	0.00

Target Compounds

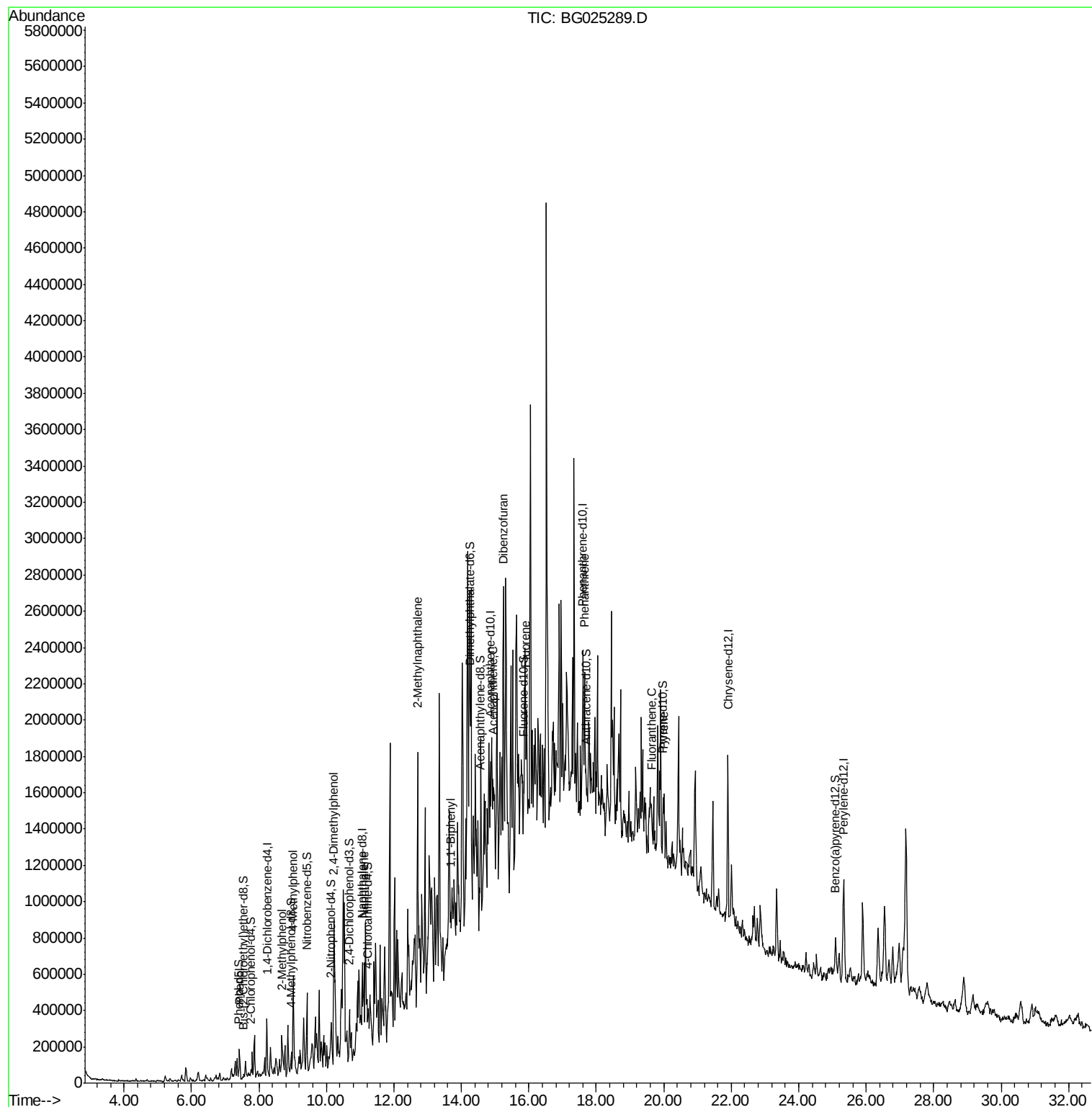
						Ovalue
6) Phenol	7.42	94	57427	8.15	ng/ul	98
11) 2-Methylphenol	8.68	108	70439	13.57	ng/ul	94
16) 4-Methylphenol	9.02	108	184958	32.03	ng/ul	84
24) 2,4-Dimethylphenol	10.22	107	316533	51.05	ng/ul	93
28) Naphthalene	11.11	128	289209	20.55	ng/ul#	97
34) 2-Methylnaphthalene	12.70	142	639610	57.59	ng/ul	100
40) 1,1'-Biphenyl	13.69	154	112499	7.91	ng/ul	99
49) Acenaphthene	14.93	153	77233	6.56	ng/ul#	74
53) Dibenzofuran	15.25	168	142288	7.64	ng/ul#	79
58) Fluorene	15.91	166	243762	16.09	ng/ul#	94
69) Phenanthrene	17.65	178	474001	20.27	ng/ul#	96
74) Fluoranthene	19.64	202	80443	2.89	ng/ul#	97
77) Pyrene	20.01	202	116424	3.84	ng/ul	98

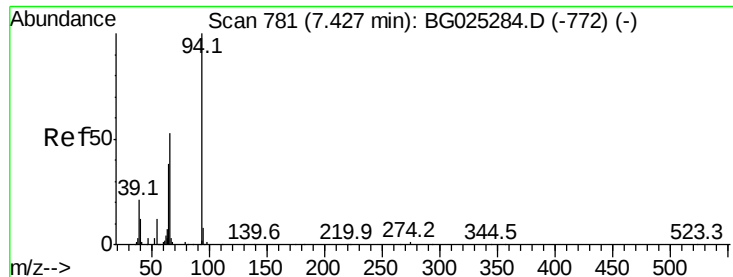
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration





#6

Phenol

Concen: 8.15 ng/ul

RT: 7.42 min Scan# 780

Delta R.T. -0.00 min

Lab File: BG025289.D

Acq: 18 Dec 2016 00:44

Instrument :

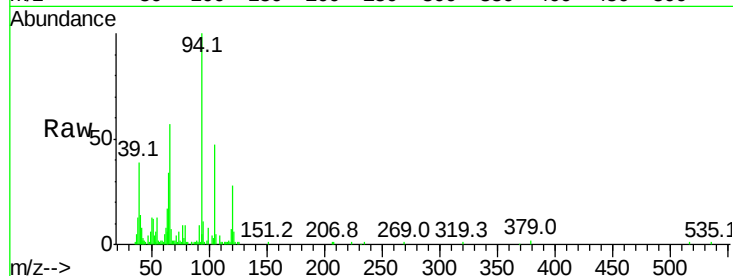
BNA_G

ClientSampleId :

DA883DL

Tot Ion: 94 Resp: 57427

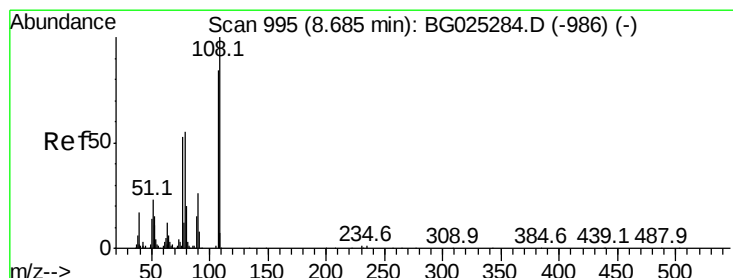
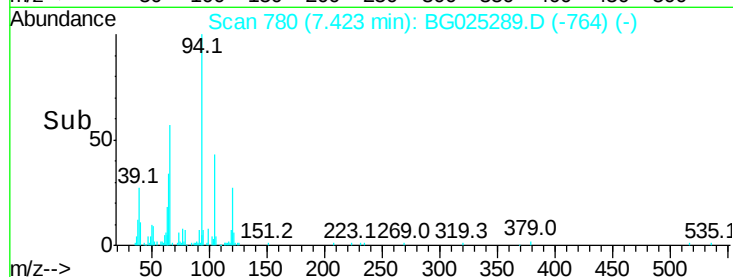
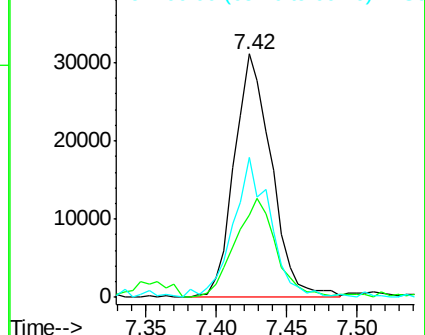
Ion	Ratio	Lower	Upper
94	100		
65	33.9	26.8	40.2
66	57.3	44.4	66.6



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: 13.57 ng/ul

RT: 8.68 min Scan# 994

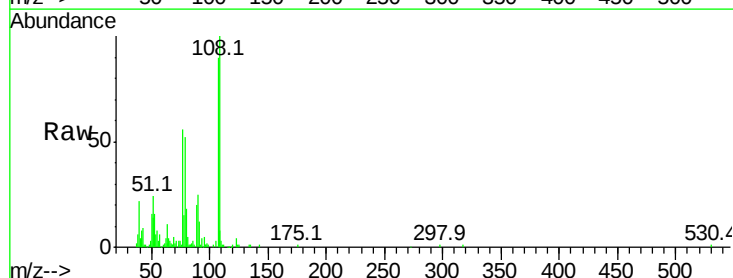
Delta R.T. -0.00 min

Lab File: BG025289.D

Acq: 18 Dec 2016 00:44

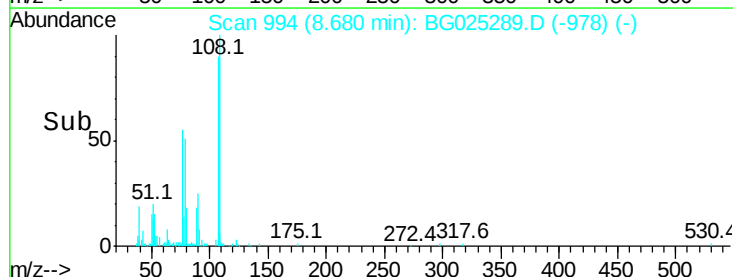
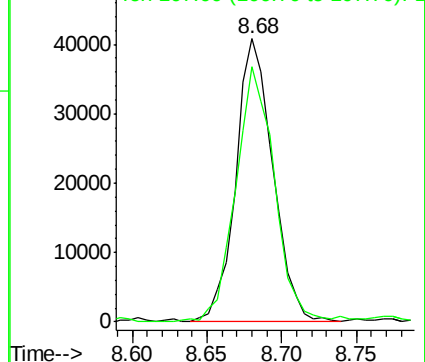
Tgt Ion: 108 Resp: 70439

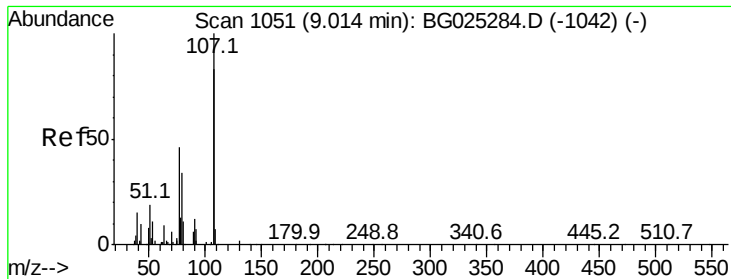
Ion	Ratio	Lower	Upper
108	100		
107	90.3	76.7	115.1



Abundance Ion 108.00 (107.70 to 108.70): BGC

Ion 107.00 (106.70 to 107.70): BGC





#16

4-Methylphenol

Concen: 32.03 ng/ul

RT: 9.02 min Scan# 1052

Delta R.T. 0.01 min

Lab File: BG025289.D

Acq: 18 Dec 2016 00:44

Instrument :

BNA_G

ClientSampleId :

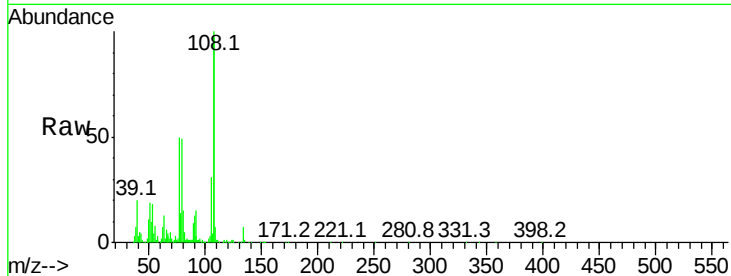
DA883DL

Tot Ion:108 Resp: 184958

Ion Ratio Lower Upper

108 100

107 97.2 91.7 137.5



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

120000

100000

80000

60000

40000

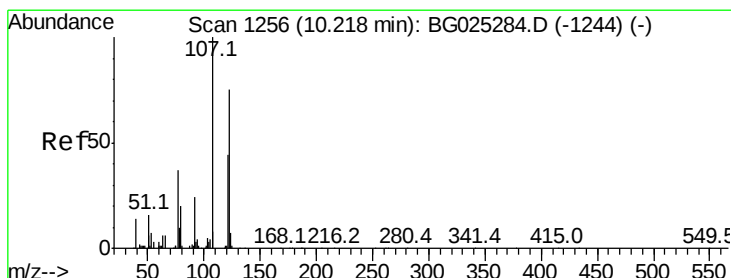
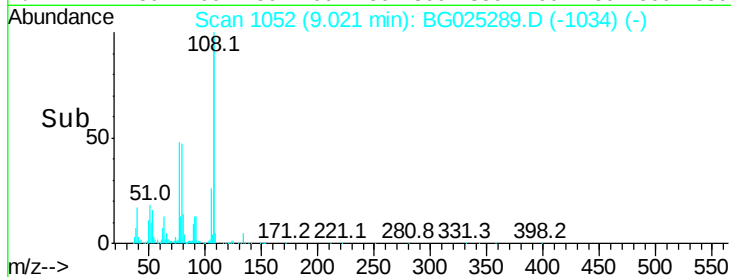
20000

0

9.02

8.90 9.00 9.10

Time-->



#24

2,4-Dimethylphenol

Concen: 51.05 ng/ul

RT: 10.22 min Scan# 1256

Delta R.T. 0.00 min

Lab File: BG025289.D

Acq: 18 Dec 2016 00:44

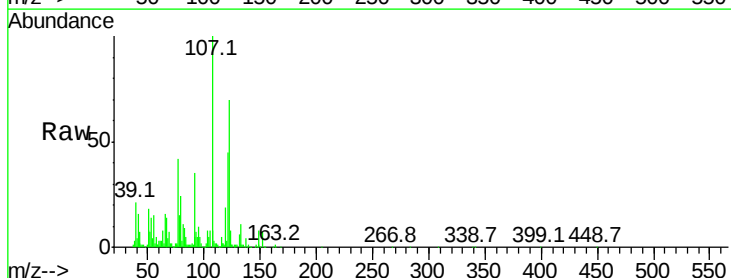
Tgt Ion:107 Resp: 316533

Ion Ratio Lower Upper

107 100

121 44.7 32.3 48.5

122 69.8 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

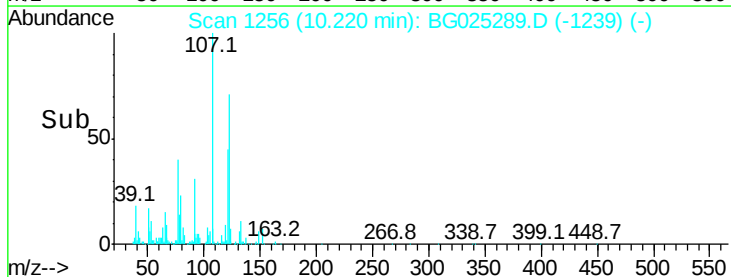
50000

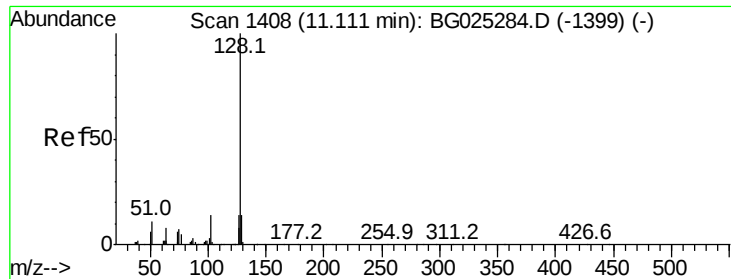
0

10.22

10.10 10.20 10.30

Time-->





#28

Naphthalene

Concen: 20.55 ng/ul

RT: 11.11 min Scan# 1408

Delta R.T. 0.00 min

Lab File: BG025289.D

Acq: 18 Dec 2016 00:44

Instrument :

BNA_G

ClientSampleId :

DA883DL

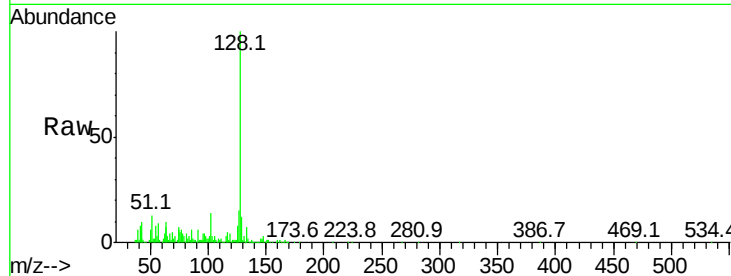
Tot Ion:128 Resp: 289209

Ion Ratio Lower Upper

128 100

129 11.8 9.4 14.2

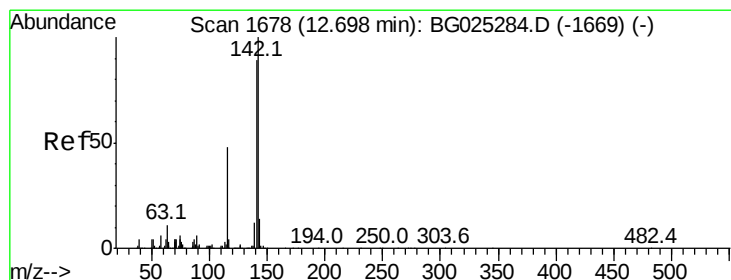
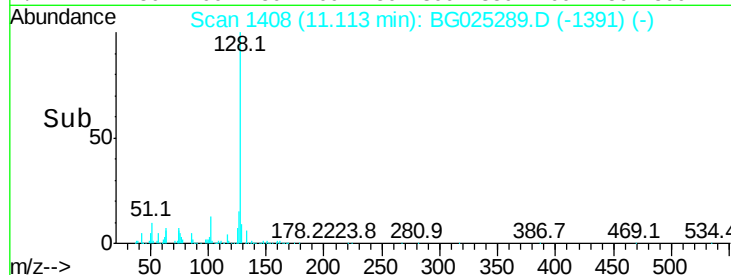
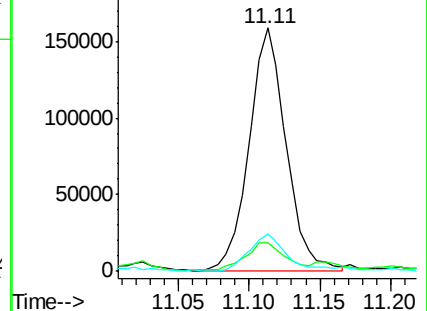
127 15.5 10.3 15.5#



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: 57.59 ng/ul

RT: 12.70 min Scan# 1678

Delta R.T. 0.00 min

Lab File: BG025289.D

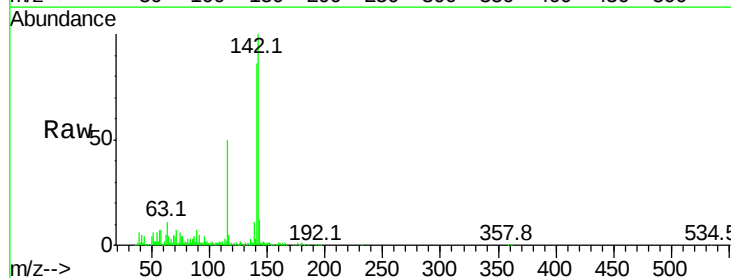
Acq: 18 Dec 2016 00:44

Tgt Ion:142 Resp: 639610

Ion Ratio Lower Upper

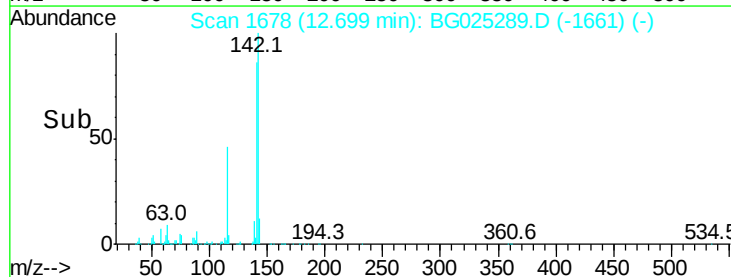
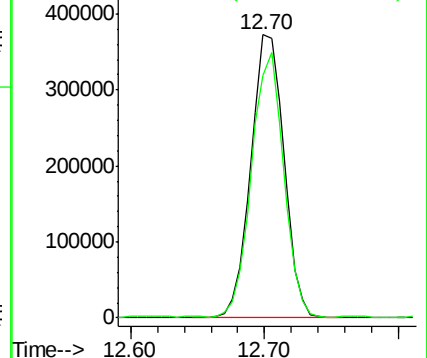
142 100

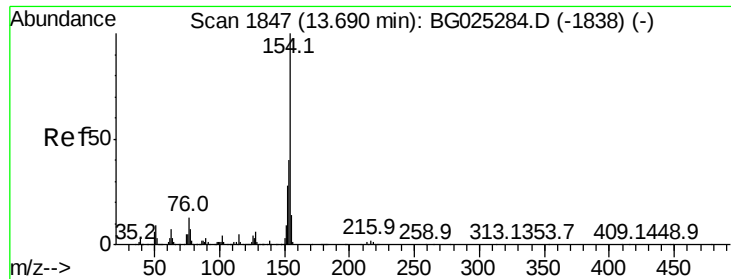
141 85.8 68.6 102.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#40

1,1'-Biphenyl

Concen: 7.91 ng/ul

RT: 13.69 min Scan# 1847

Delta R.T. 0.00 min

Lab File: BG025289.D

Acq: 18 Dec 2016 00:44

Instrument :

BNA_G

ClientSampleId :

DA883DL

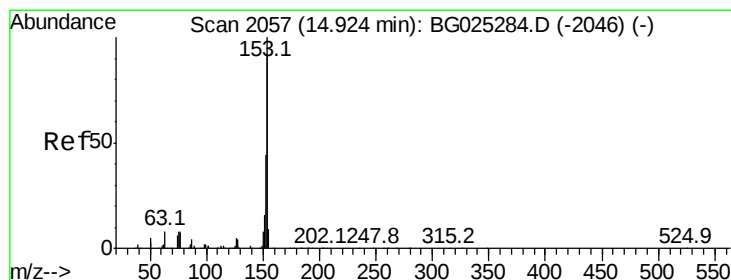
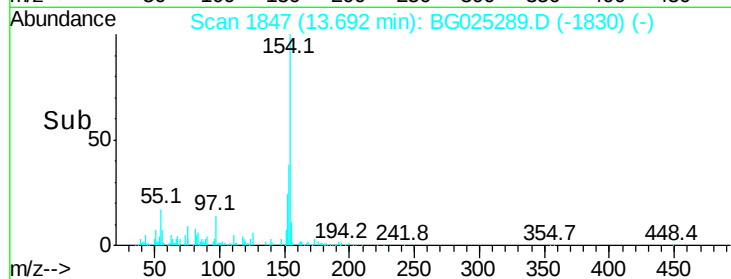
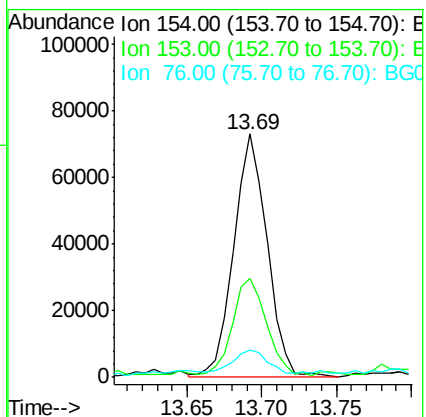
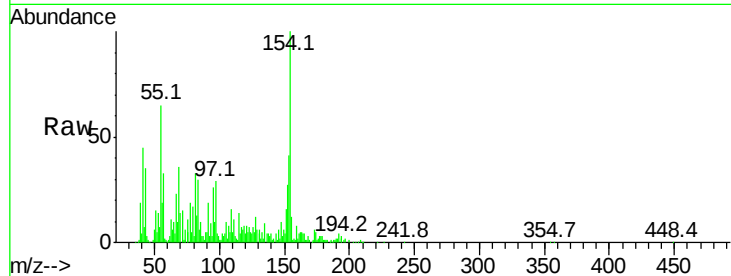
Tot Ion:154 Resp: 112499

Ion Ratio Lower Upper

154 100

153 40.6 32.2 48.2

76 11.0 9.6 14.4



#49

Acenaphthene

Concen: 6.56 ng/ul

RT: 14.93 min Scan# 2057

Delta R.T. 0.00 min

Lab File: BG025289.D

Acq: 18 Dec 2016 00:44

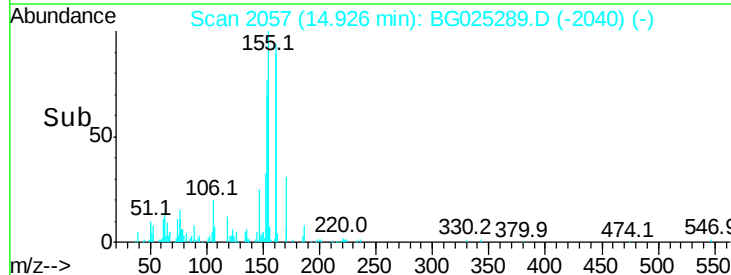
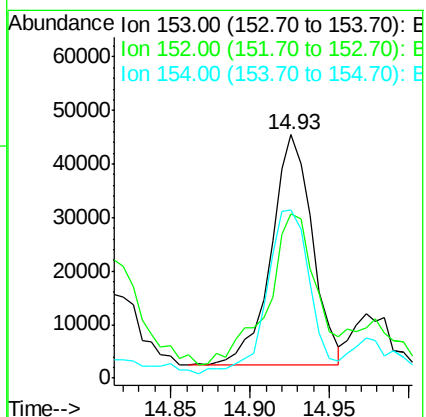
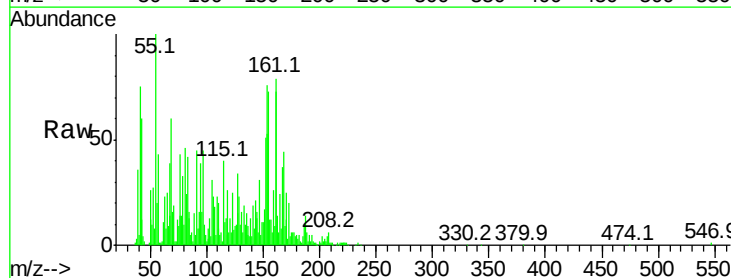
Tgt Ion:153 Resp: 77233

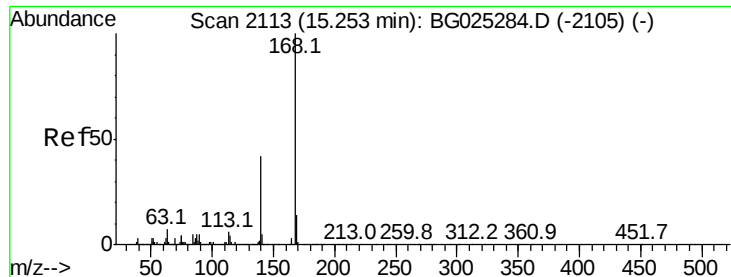
Ion Ratio Lower Upper

153 100

152 67.6 36.5 54.7#

154 69.2 72.3 108.5#





#53

Dibenzenofuran

Concen: 7.64 ng/ul

RT: 15.25 min Scan# 2113

Delta R.T. 0.00 min

Lab File: BG025289.D

Acq: 18 Dec 2016 00:44

Instrument :

BNA_G

ClientSampleId :

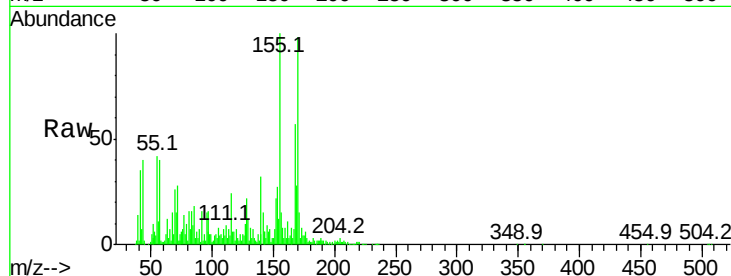
DA883DL

Tot Ion:168 Resp: 142288

Ion Ratio Lower Upper

168 100

139 55.7 33.8 50.8#

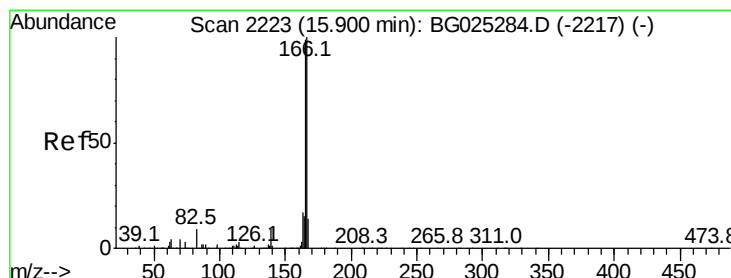
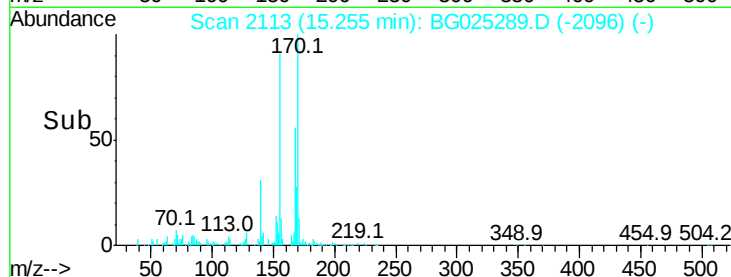


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

15.25

Time-->



#58

Fluorene

Concen: 16.09 ng/ul

RT: 15.91 min Scan# 2224

Delta R.T. 0.01 min

Lab File: BG025289.D

Acq: 18 Dec 2016 00:44

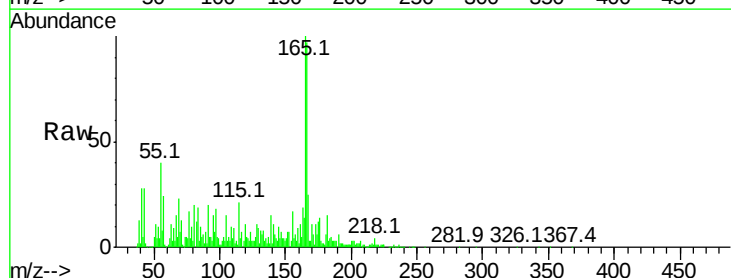
Tgt Ion:166 Resp: 243762

Ion Ratio Lower Upper

166 100

165 102.9 79.7 119.5

167 25.3 11.4 17.2#



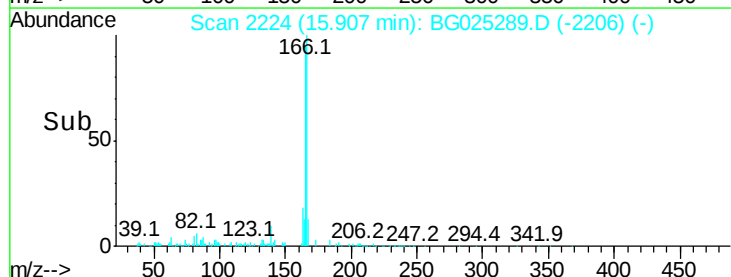
Abundance Ion 166.00 (165.70 to 166.70): E

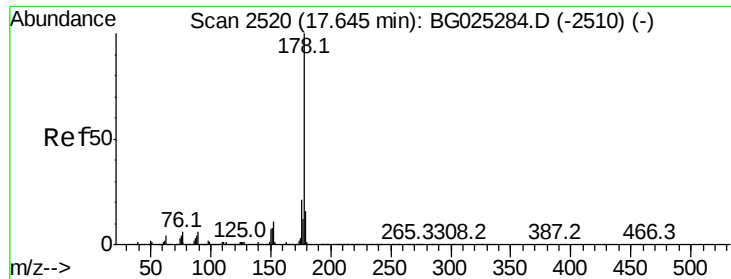
Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

15.91

Time-->





#69

Phenanthrene

Concen: 20.27 ng/ul

RT: 17.65 min Scan# 2521

Delta R.T. 0.01 min

Lab File: BG025289.D

Acq: 18 Dec 2016 00:44

Instrument :

BNA_G

ClientSampleId :

DA883DL

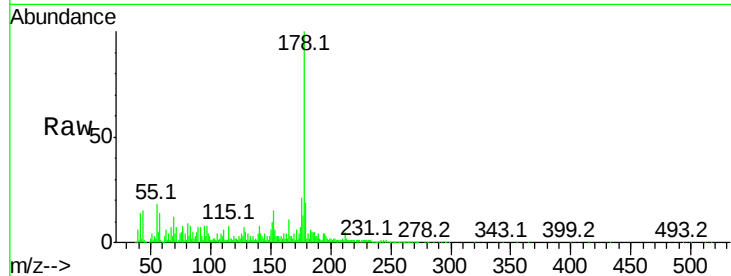
Tot Ion:178 Resp: 474001

Ion Ratio Lower Upper

178 100

179 19.2 12.4 18.6#

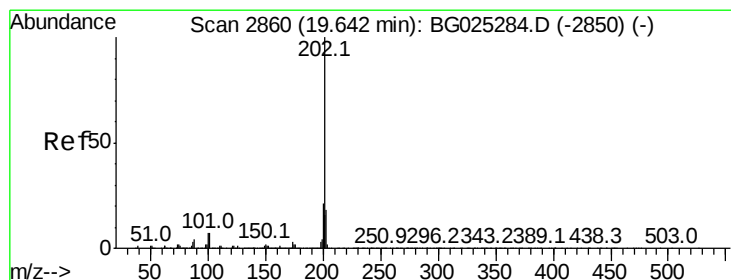
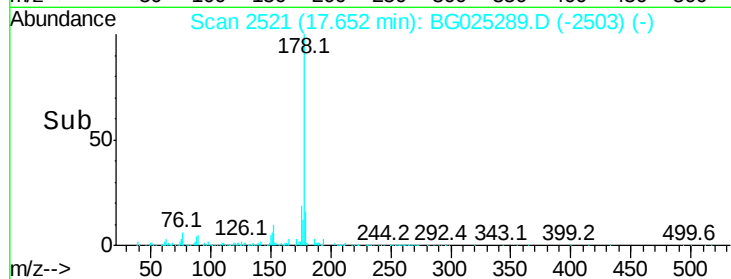
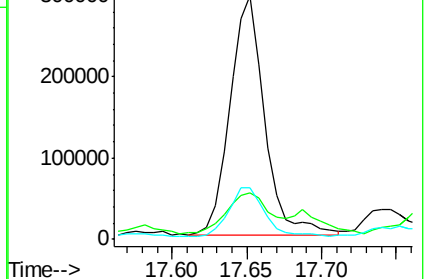
176 21.1 16.5 24.7



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



#74

Fluoranthene

Concen: 2.89 ng/ul

RT: 19.64 min Scan# 2860

Delta R.T. 0.00 min

Lab File: BG025289.D

Acq: 18 Dec 2016 00:44

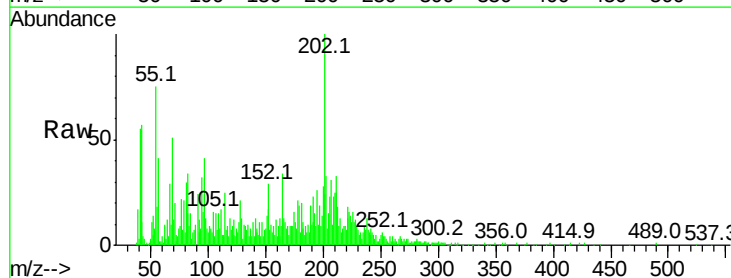
Tgt Ion:202 Resp: 80443

Ion Ratio Lower Upper

202 100

101 9.3 6.2 9.2#

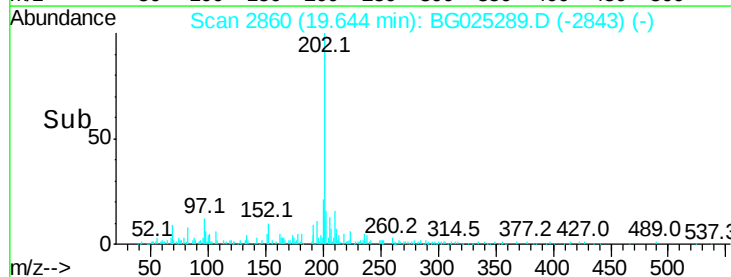
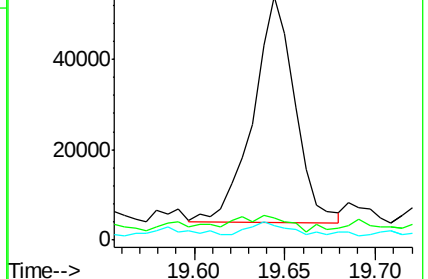
100 5.9 5.2 7.8

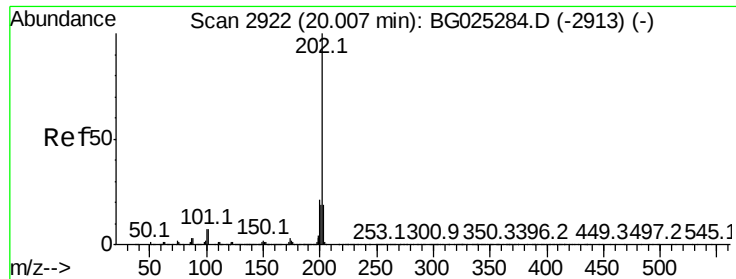


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E





#77

Pvrene

Concen: 3.84 ng/ul

RT: 20.01 min Scan# 2922

Delta R.T. 0.00 min

Lab File: BG025289.D

Acq: 18 Dec 2016 00:44

Instrument :

BNA_G

ClientSampleId :

DA883DL

Tot Ion: 202 Resp: 116424

Ion Ratio Lower Upper

202 100

101 9.1 6.9 10.3

100 7.5 6.6 10.0

