

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
 Data File : BG025295.D
 Acq On : 18 Dec 2016 4:41
 Operator : UM/SJ
 Sample : H5970-08DL 10X
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DA847DL

Quant Time: Dec 20 10:01:33 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	68673	20.00	ng/ul	0.00
18) Naphthalene-d8	11.06	136	291478	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.86	164	219155	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.60	188	493634	20.00	ng/ul	0.00
75) Chrysene-d12	21.89	240	657249	20.00	ng/ul	0.00
83) Perylene-d12	25.33	264	664413	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.59	96	490	0.37	ng/uL	0.00
5) Phenol-d5	7.40	99	9451	1.60	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.55	67	6124	1.67	ng/ul	0.00
9) 2-Chlorophenol-d4	7.77	132	7272	1.76	ng/ul	0.00
13) 4-Methylphenol-d8	8.96	113	8371	1.69	ng/ul	0.00
19) Nitrobenzene-d5	9.41	128	4782	2.32	ng/ul	0.00
22) 2-Nitrophenol-d4	10.14	143	4982	1.94	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.69	165	9122	1.84	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
43) Dimethylphthalate-d6	14.25	166	31319	2.08	ng/ul	0.00
46) Acenaphthylene-d8	14.56	160	34103	2.07	ng/ul	0.00
51) 4-Nitrophenol-d4	15.09	143	1808	0.70	ng/ul	0.00
57) Fluorene-d10	15.85	176	36460	2.57	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.95	200	1354	0.44	ng/ul	-0.03
70) Anthracene-d10	17.70	188	43169	2.07	ng/ul	0.00
76) Pyrene-d10	19.97	212	56549	2.09	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.08	264	51401	1.91	ng/ul	0.00

Target Compounds

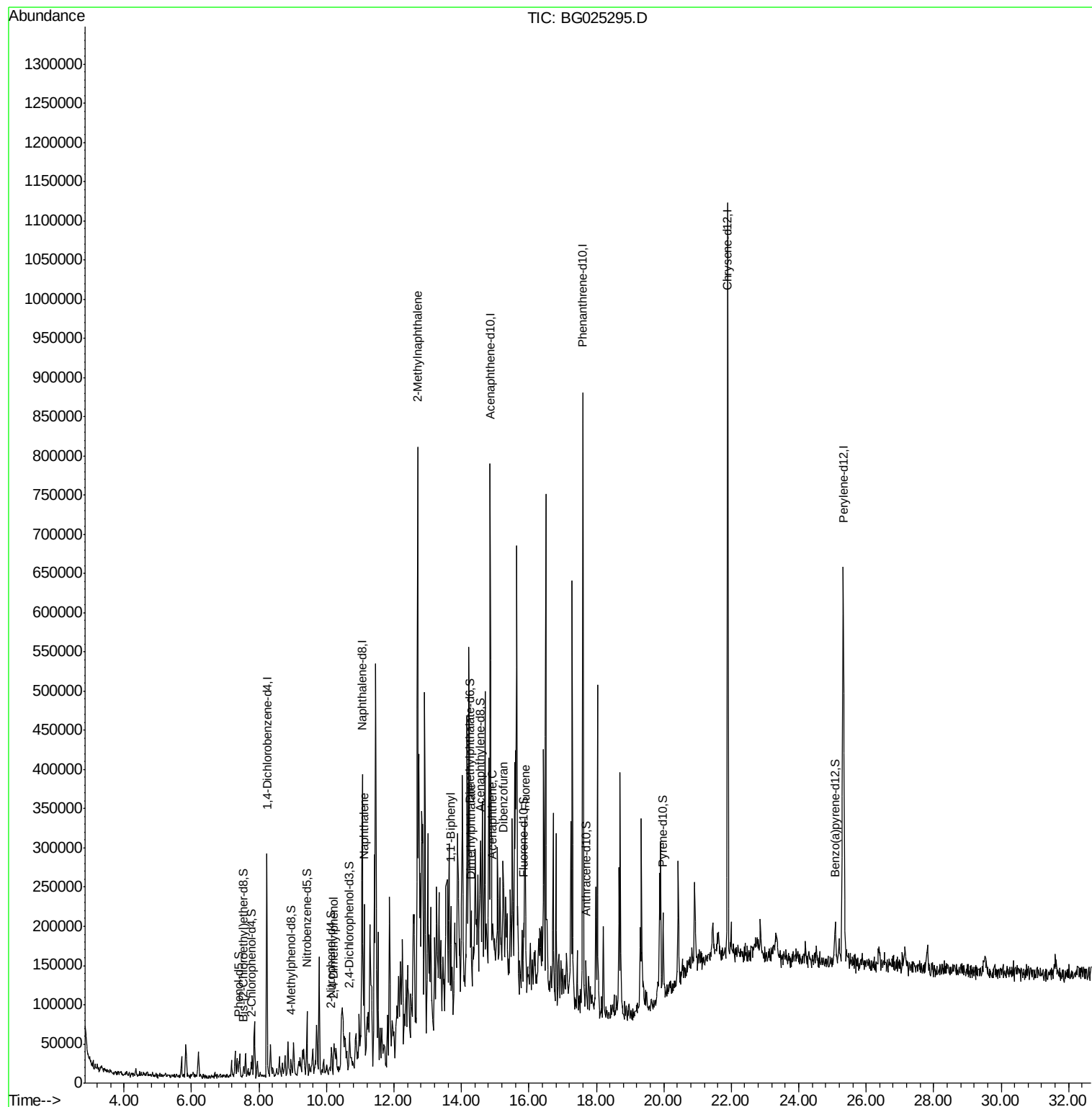
						Ovalue
24) 2,4-Dimethylphenol	10.23	107	8352	1.40	ng/ul#	78
28) Naphthalene	11.11	128	147309	10.87	ng/ul	97
34) 2-Methylnaphthalene	12.70	142	323406	30.25	ng/ul	97
40) 1,1'-Biphenyl	13.69	154	71206	5.36	ng/ul	95
44) Dimethylphthalate	14.30	163	22392	1.51	ng/ul	96
49) Acenaphthene	14.93	153	17646	1.60	ng/ul#	67
53) Dibenzofuran	15.25	168	48774	2.80	ng/ul	98
58) Fluorene	15.90	166	47863	3.38	ng/ul#	98

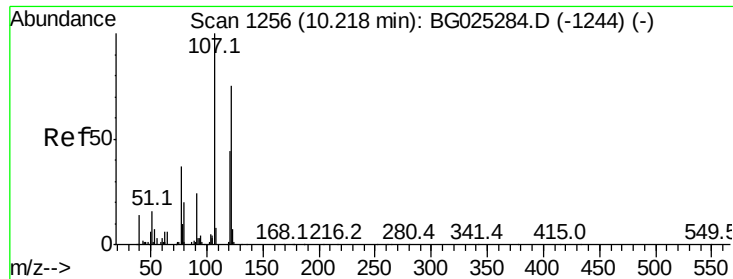
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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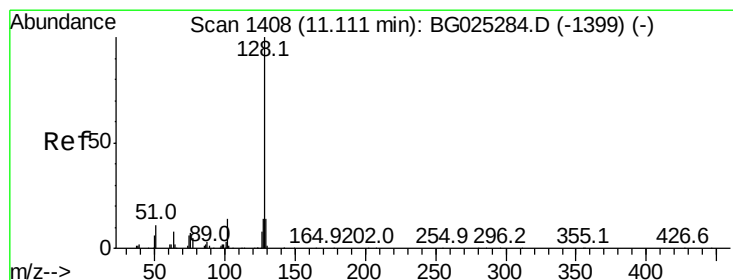
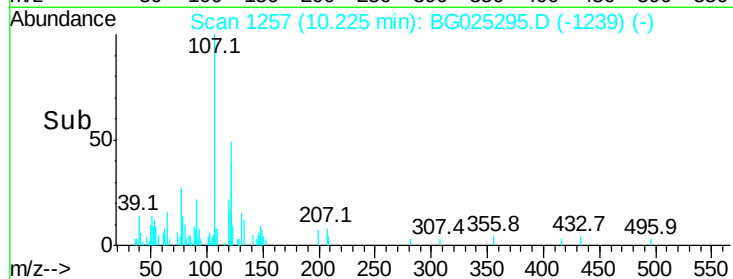
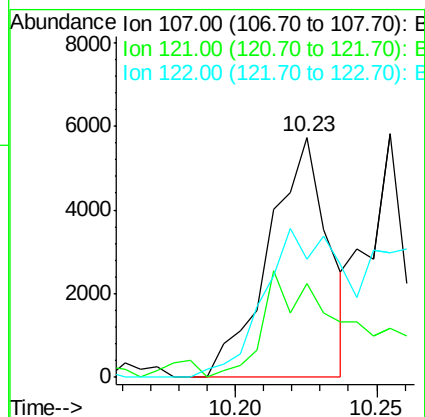
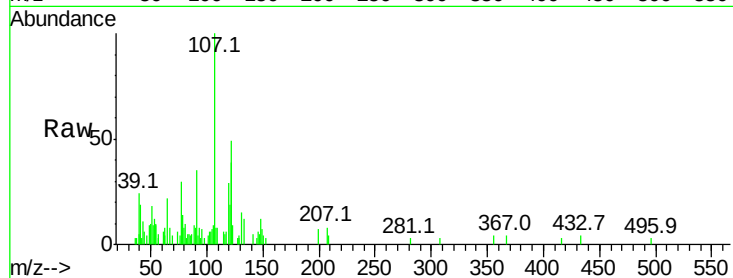




#24
 2,4-Dimethylphenol
 Concen: 1.40 ng/ul
 RT: 10.23 min Scan# 1257
 Delta R.T. 0.01 min
 Lab File: BG025295.D
 Acq: 18 Dec 2016 4:41

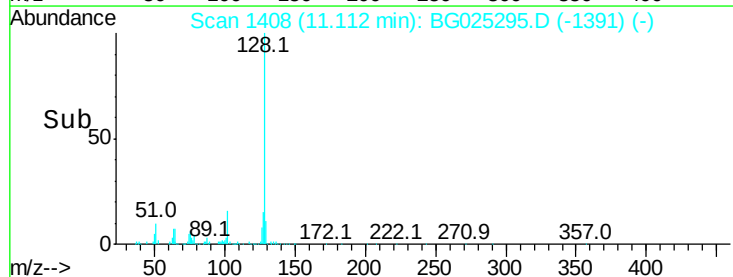
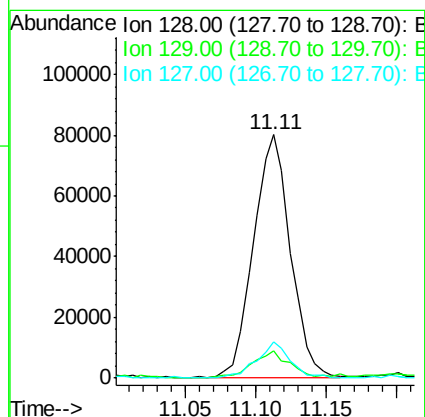
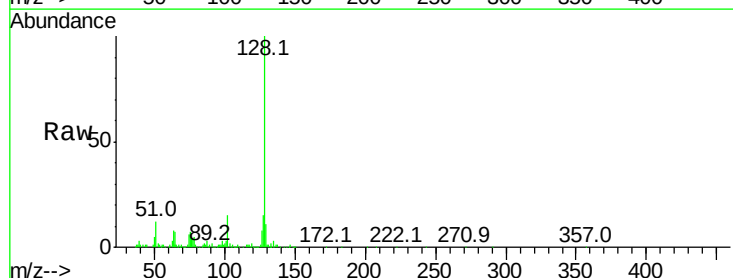
Instrument :
 BNA_G
 ClientSampleId :
 DA847DL

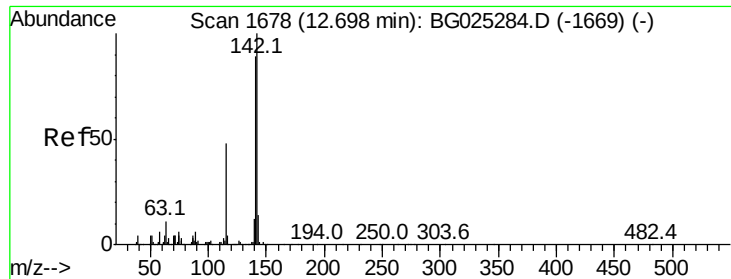
Tot Ion	Ratio	Lower	Upper
107	100		
121	38.8	32.3	48.5
122	49.2	61.2	91.8#



#28
 Naphthalene
 Concen: 10.87 ng/ul
 RT: 11.11 min Scan# 1408
 Delta R.T. 0.00 min
 Lab File: BG025295.D
 Acq: 18 Dec 2016 4:41

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.4	14.2
127	15.1	10.3	15.5





#34

2-Methylnaphthalene

Concen: 30.25 ng/ul

RT: 12.70 min Scan# 1678

Delta R.T. 0.00 min

Lab File: BG025295.D

Acq: 18 Dec 2016 4:41

Instrument :

BNA_G

ClientSampleId :

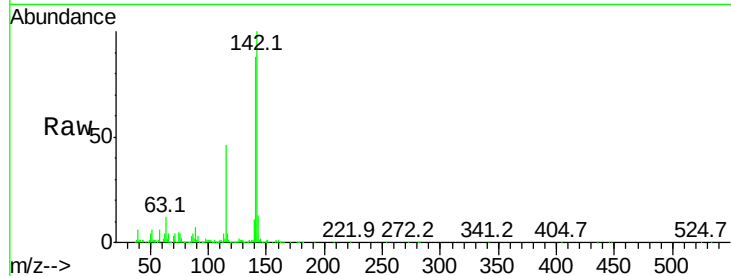
DA847DL

Tot Ion:142 Resp: 323406

Ion Ratio Lower Upper

142 100

141 88.4 68.6 102.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

200000

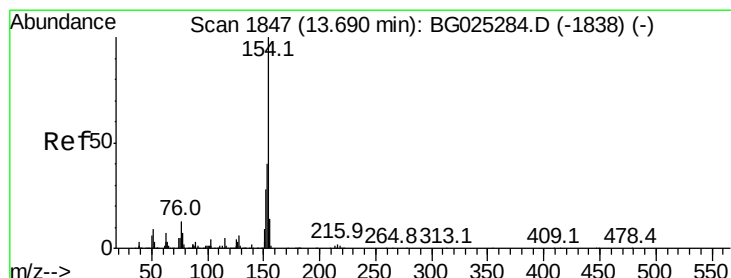
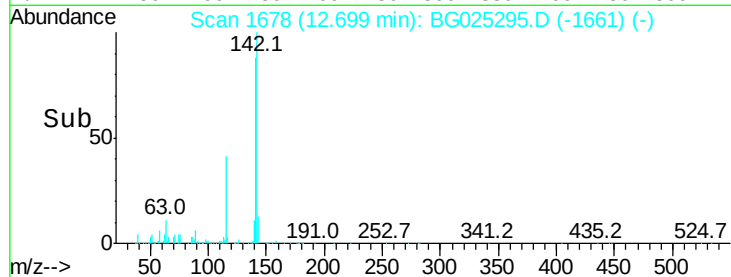
150000

100000

50000

0

Time--> 12.60 12.70 12.80



#40

1,1'-Biphenyl

Concen: 5.36 ng/ul

RT: 13.69 min Scan# 1847

Delta R.T. 0.00 min

Lab File: BG025295.D

Acq: 18 Dec 2016 4:41

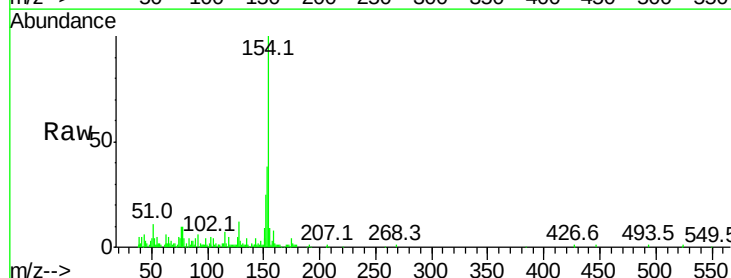
Tgt Ion:154 Resp: 71206

Ion Ratio Lower Upper

154 100

153 37.5 32.2 48.2

76 9.8 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): BG

60000

50000

40000

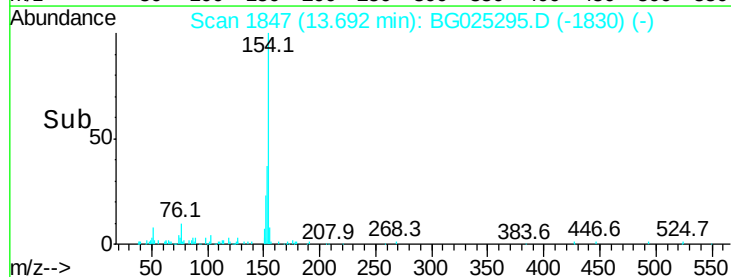
30000

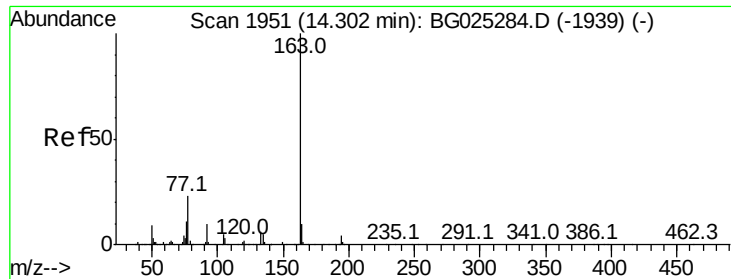
20000

10000

0

Time--> 13.60 13.65 13.70 13.75





#44

Dimethylphthalate

Concen: 1.51 ng/ul

RT: 14.30 min Scan# 1950

Delta R.T. -0.00 min

Lab File: BG025295.D

Acq: 18 Dec 2016 4:41

Instrument :

BNA_G

ClientSampleId :

DA847DL

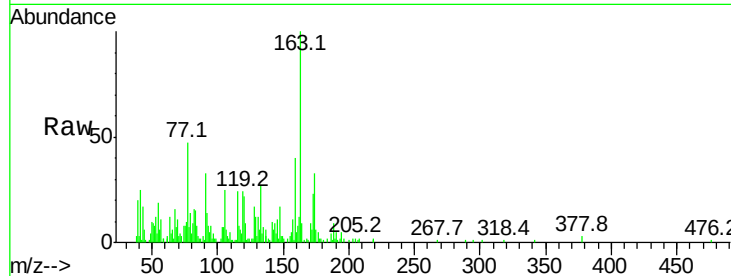
Tot Ion:163 Resp: 22392

Ion Ratio Lower Upper

163 100

194 5.0 3.4 5.0

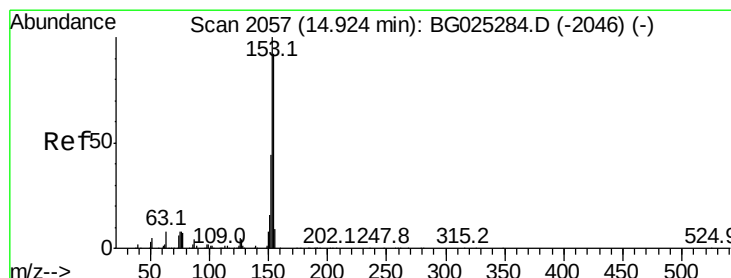
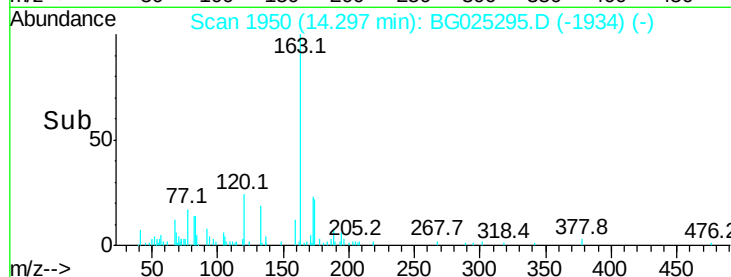
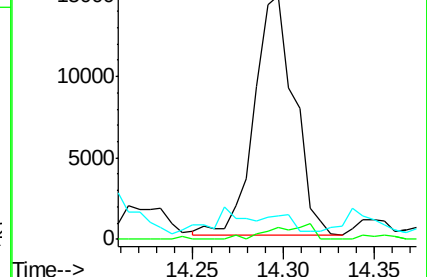
164 9.5 9.0 13.4



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: 1.60 ng/ul

RT: 14.93 min Scan# 2057

Delta R.T. 0.00 min

Lab File: BG025295.D

Acq: 18 Dec 2016 4:41

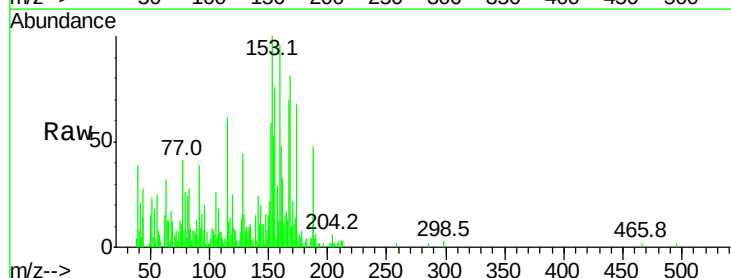
Tgt Ion:153 Resp: 17646

Ion Ratio Lower Upper

153 100

152 58.7 36.5 54.7#

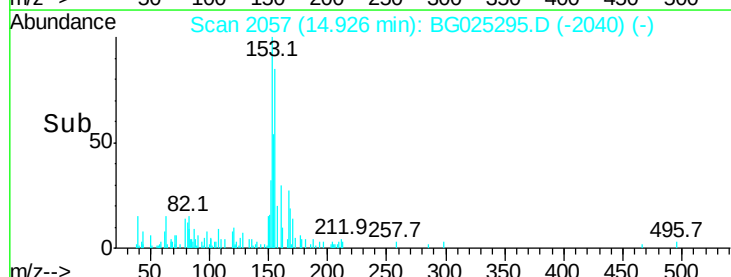
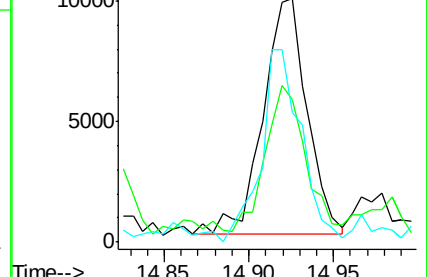
154 53.0 72.3 108.5#

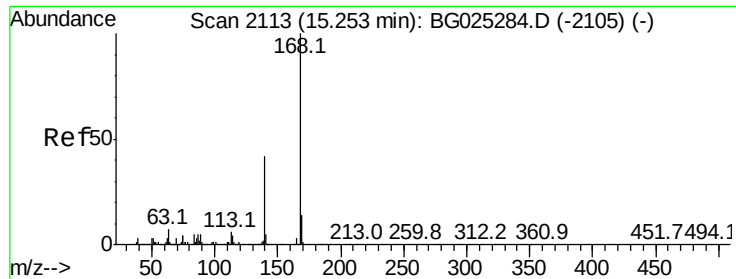


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#53

Dibenzenofuran

Concen: 2.80 ng/ul

RT: 15.25 min Scan# 2113

Delta R.T. 0.00 min

Lab File: BG025295.D

Acq: 18 Dec 2016 4:41

Instrument :

BNA_G

ClientSampleId :

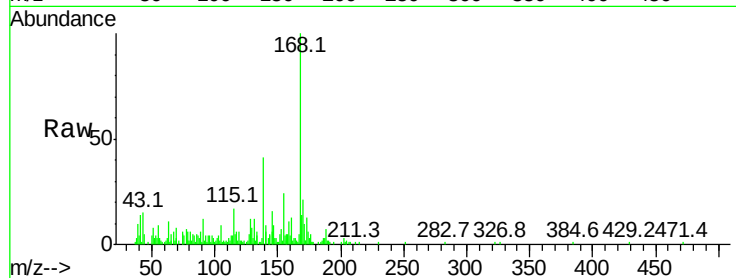
DA847DL

Tot Ion:168 Resp: 48774

Ion Ratio Lower Upper

168 100

139 41.3 33.8 50.8



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

30000

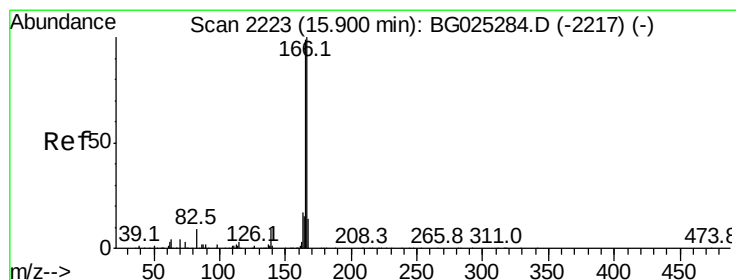
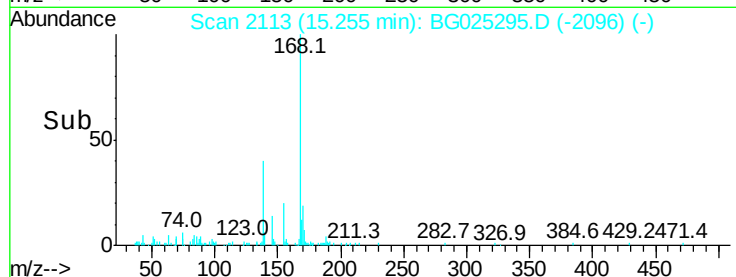
20000

10000

0

15.25

Time-->



#58

Fluorene

Concen: 3.38 ng/ul

RT: 15.90 min Scan# 2223

Delta R.T. 0.00 min

Lab File: BG025295.D

Acq: 18 Dec 2016 4:41

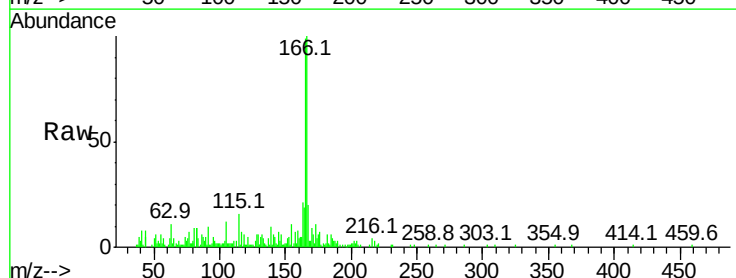
Tgt Ion:166 Resp: 47863

Ion Ratio Lower Upper

166 100

165 99.4 79.7 119.5

167 19.5 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

40000

30000

20000

10000

0

15.90

Time-->

