

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121616\
 Data File : BG025266.D
 Acq On : 17 Dec 2016 9:06
 Operator : UM/SJ
 Sample : H5938-02DL 20X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DA824DL

Quant Time: Dec 18 01:19:50 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Dec 18 00:39:32 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.23	152	57671	20.00	ng/ul	0.00
18) Naphthalene-d8	11.06	136	244003	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.86	164	180708	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.60	188	414948	20.00	ng/ul	0.00
75) Chrysene-d12	21.89	240	542407	20.00	ng/ul	-0.01
83) Perylene-d12	25.32	264	549765	20.00	ng/ul	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 1,4-Dioxane-d8	0.00	96	0d	0.00	ng/uL	
5) Phenol-d5	7.40	99	6631	1.33	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.55	67	5679	1.85	ng/ul	0.00
9) 2-Chlorophenol-d4	7.76	132	4844	1.39	ng/ul	0.00
13) 4-Methylphenol-d8	8.96	113	5781	1.39	ng/ul	0.00
19) Nitrobenzene-d5	9.41	128	3231	1.87	ng/ul	0.00
22) 2-Nitrophenol-d4	10.15	143	3370	1.56	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.70	165	6207	1.50	ng/ul	0.01
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
43) Dimethylphthalate-d6	14.25	166	23841	1.92	ng/ul	0.00
46) Acenaphthylene-d8	14.56	160	25948	1.91	ng/ul	0.00
51) 4-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
57) Fluorene-d10	15.84	176	25954	2.22	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	0.00	200	0d	0.00	ng/ul	
70) Anthracene-d10	17.70	188	34094	1.95	ng/ul	0.00
76) Pyrene-d10	19.97	212	40778	1.83	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.08	264	38631	1.73	ng/ul	-0.02

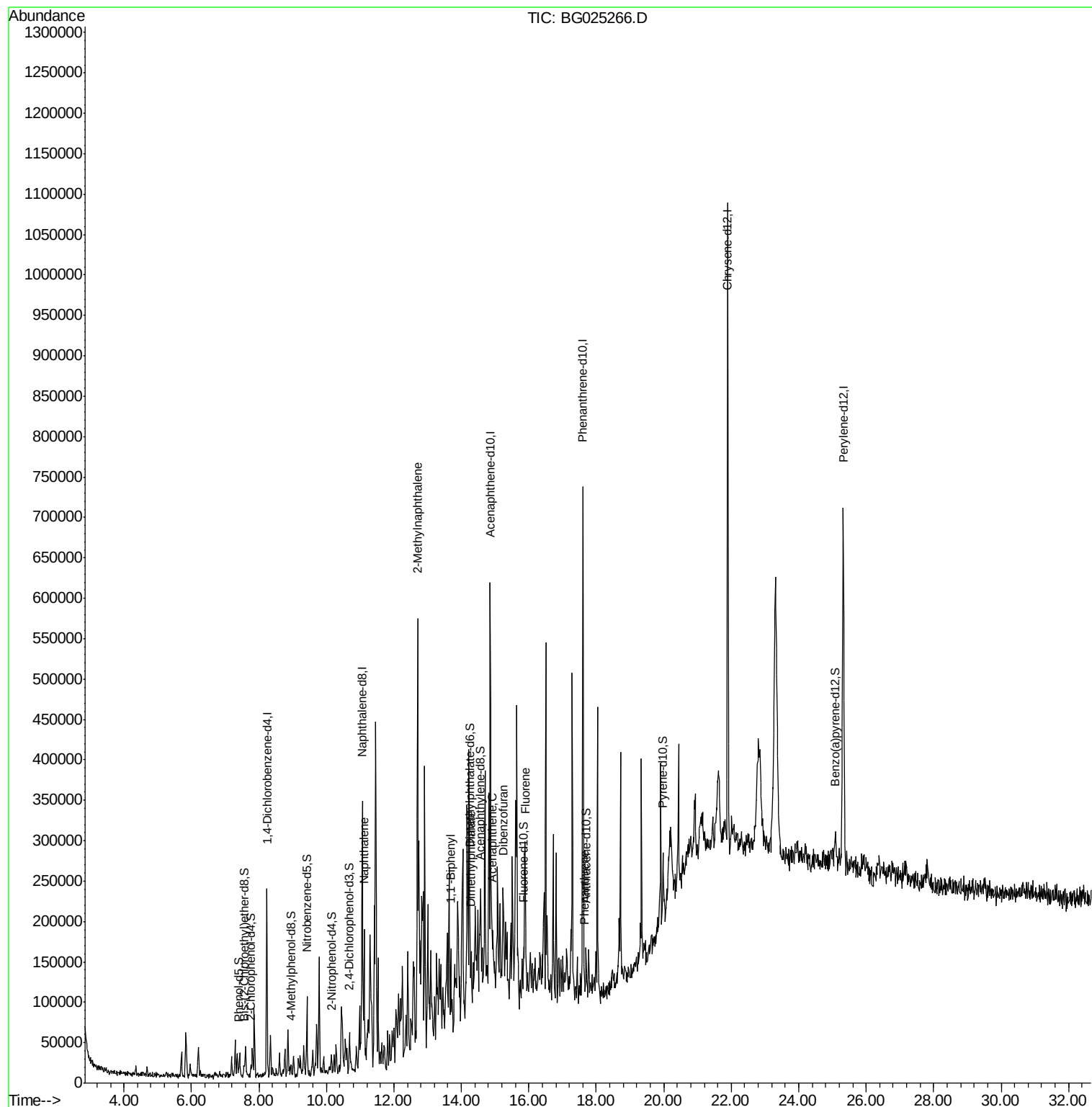
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
28) Naphthalene	11.11	128	136189	12.01	ng/ul	97
34) 2-Methylnaphthalene	12.70	142	234807	26.23	ng/ul	87
40) 1,1'-Biphenyl	13.69	154	53187	4.85	ng/ul	99
44) Dimethylphthalate	14.29	163	22875	1.87	ng/ul	99
49) Acenaphthene	14.93	153	12951	1.43	ng/ul#	63
53) Dibenzofuran	15.26	168	39050	2.72	ng/ul	93
58) Fluorene	15.90	166	40538	3.47	ng/ul#	96
69) Phenanthrene	17.65	178	25861	1.31	ng/ul#	85

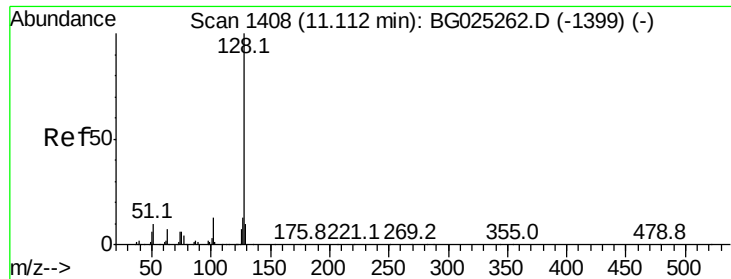
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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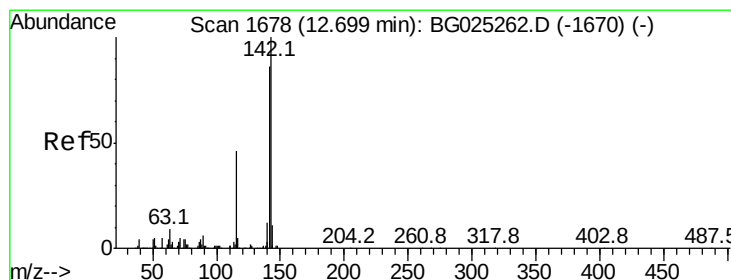
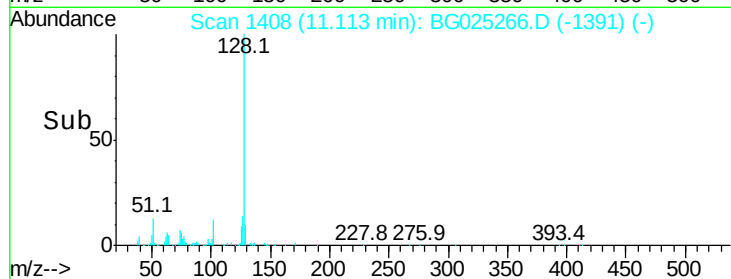
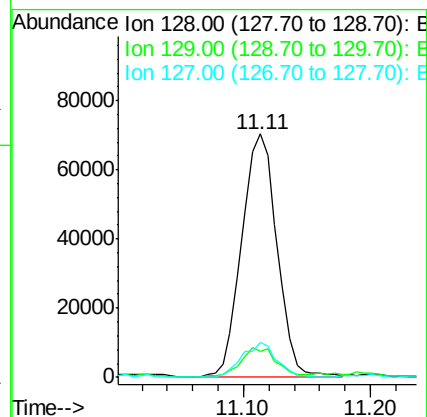
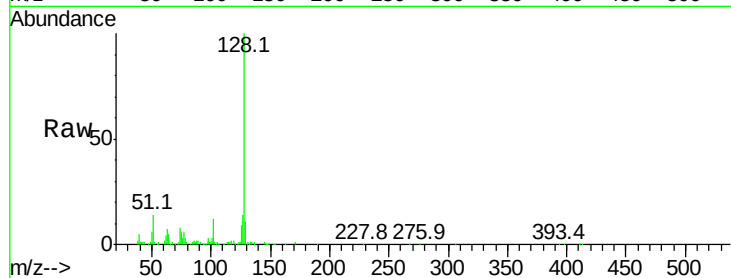




#28
Naphthalene
Concen: 12.01 ng/ul
RT: 11.11 min Scan# 1408
Delta R.T. 0.00 min
Lab File: BG025266.D
Acq: 17 Dec 2016 9:06

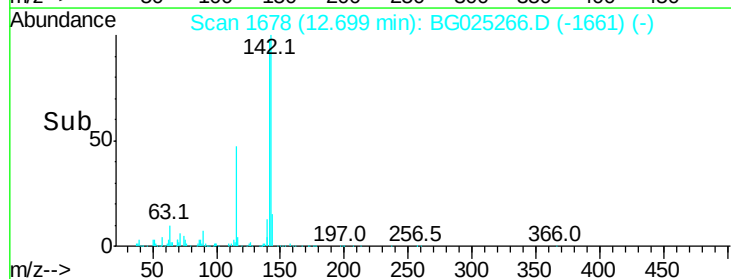
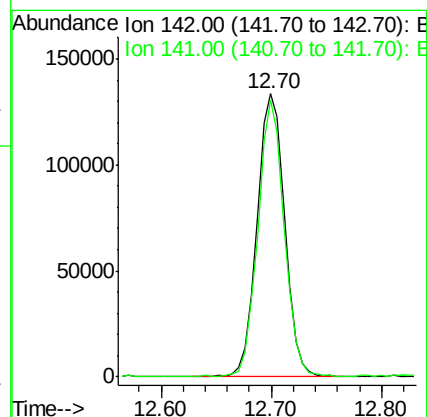
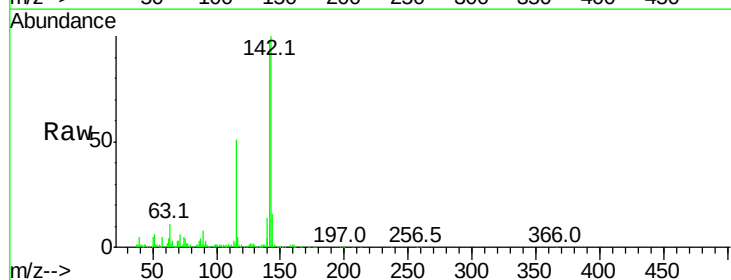
Instrument :
BNA_G
ClientSampleId :
DA824DL

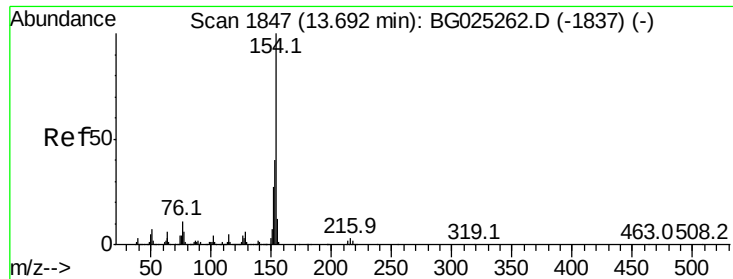
Tot Ion:128 Resp: 136189
Ion Ratio Lower Upper
128 100
129 10.7 9.4 14.2
127 14.1 10.3 15.5



#34
2-Methylnaphthalene
Concen: 26.23 ng/ul
RT: 12.70 min Scan# 1678
Delta R.T. 0.00 min
Lab File: BG025266.D
Acq: 17 Dec 2016 9:06

Tgt Ion:142 Resp: 234807
Ion Ratio Lower Upper
142 100
141 97.9 68.6 102.8





#40

1,1'-Biphenyl

Concen: 4.85 ng/ul

RT: 13.69 min Scan# 1846

Delta R.T. -0.01 min

Lab File: BG025266.D

Acq: 17 Dec 2016 9:06

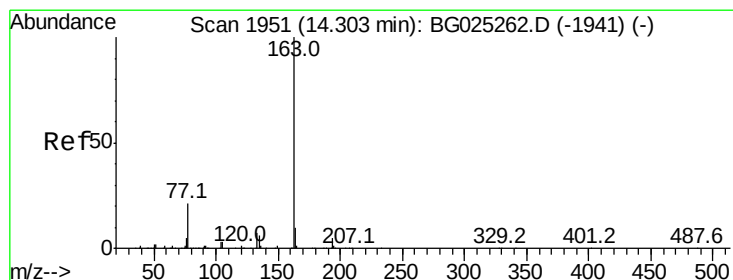
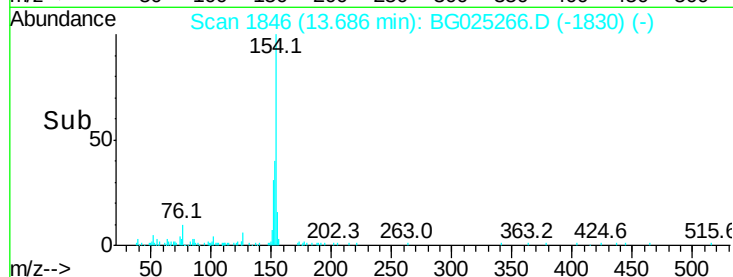
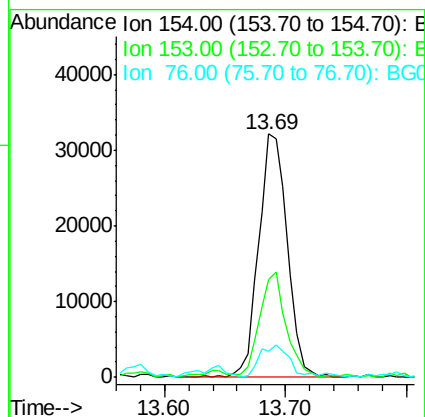
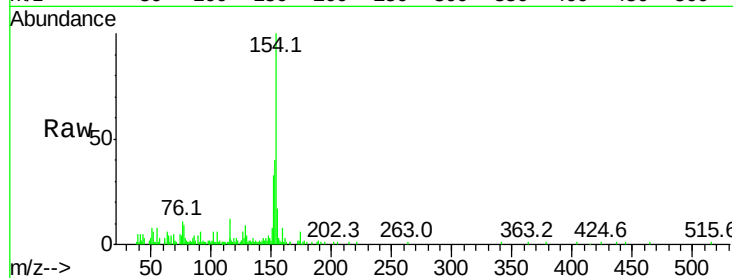
Instrument :

BNA_G

ClientSampleId :

DA824DL

Tot Ion:154	Resp:	53187
Ion Ratio	Lower	Upper
154	100	
153	39.9	32.2 48.2
76	10.9	9.6 14.4



#44

Dimethylphthalate

Concen: 1.87 ng/ul

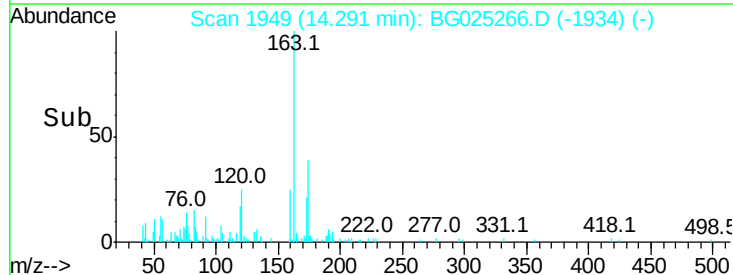
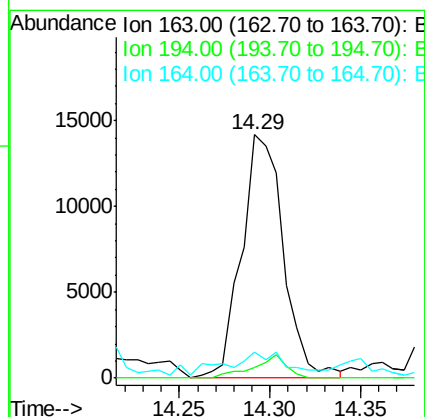
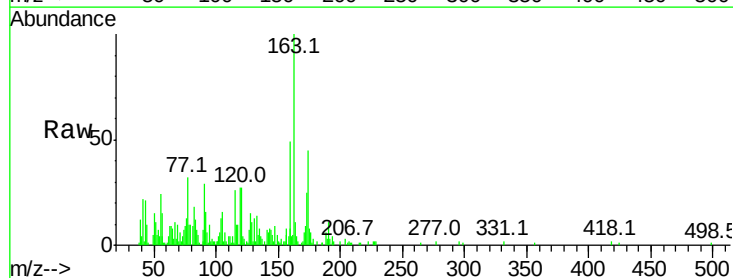
RT: 14.29 min Scan# 1949

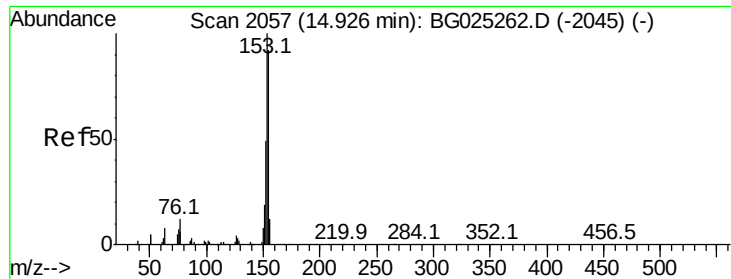
Delta R.T. -0.01 min

Lab File: BG025266.D

Acq: 17 Dec 2016 9:06

Tgt Ion:163	Resp:	22875
Ion Ratio	Lower	Upper
163	100	
194	4.4	3.4 5.0
164	10.6	9.0 13.4





#49

Acenaphthene

Concen: 1.43 ng/ul

RT: 14.93 min Scan# 2057

Delta R.T. 0.00 min

Lab File: BG025266.D

Acq: 17 Dec 2016 9:06

Instrument :

BNA_G

ClientSampleId :

DA824DL

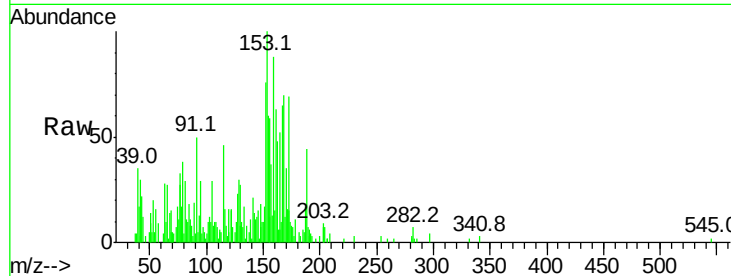
Tot Ion:153 Resp: 12951

Ion Ratio Lower Upper

153 100

152 75.7 36.5 54.7#

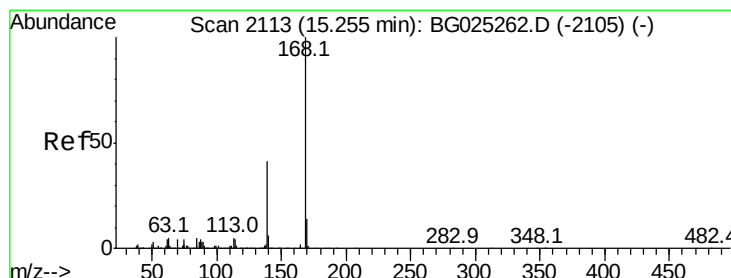
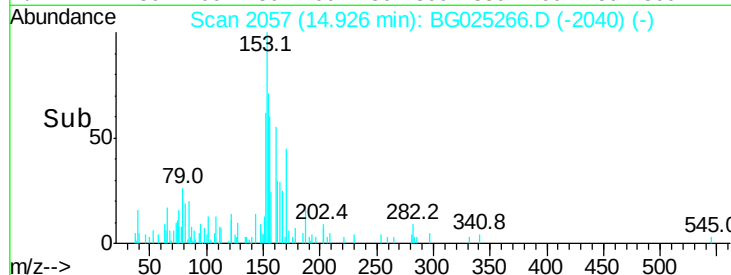
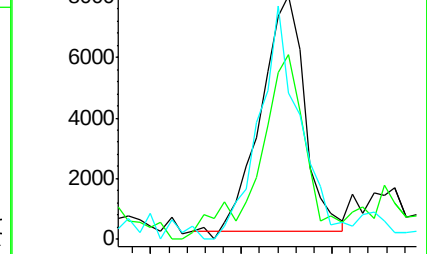
154 60.2 72.3 108.5#



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: 2.72 ng/ul

RT: 15.26 min Scan# 2113

Delta R.T. 0.00 min

Lab File: BG025266.D

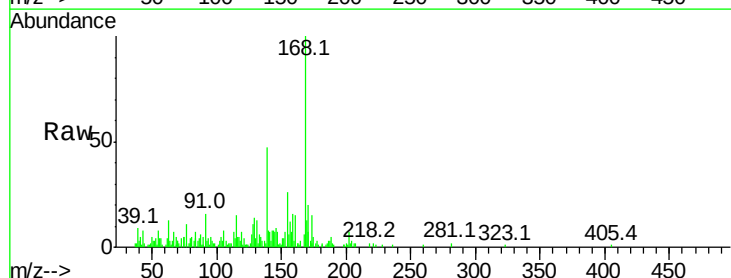
Acq: 17 Dec 2016 9:06

Tgt Ion:168 Resp: 39050

Ion Ratio Lower Upper

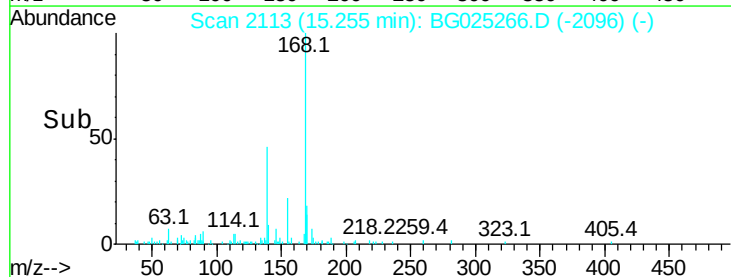
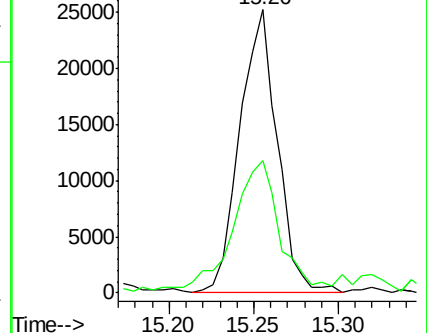
168 100

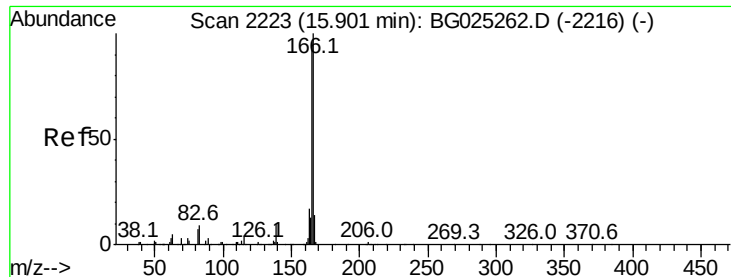
139 46.7 33.8 50.8



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E





#58

Fluorene

Concen: 3.47 ng/ul

RT: 15.90 min Scan# 2222

Delta R.T. -0.01 min

Lab File: BG025266.D

Acq: 17 Dec 2016 9:06

Instrument :

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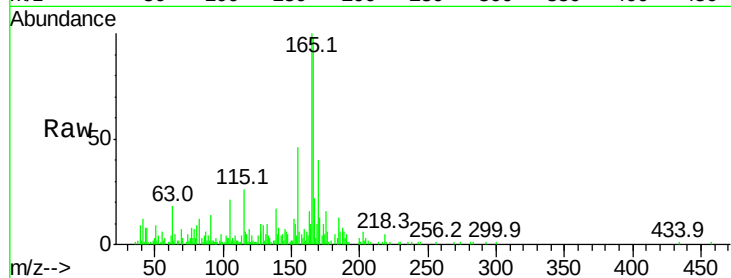
Tot Ion:166 Resp: 40538

Ion Ratio Lower Upper

166 100

165 101.5 79.7 119.5

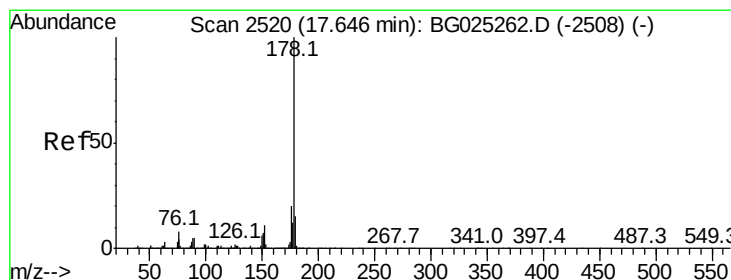
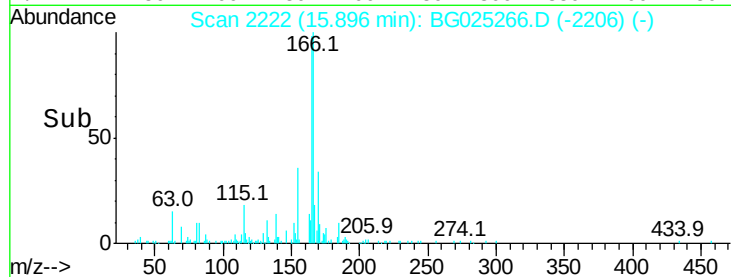
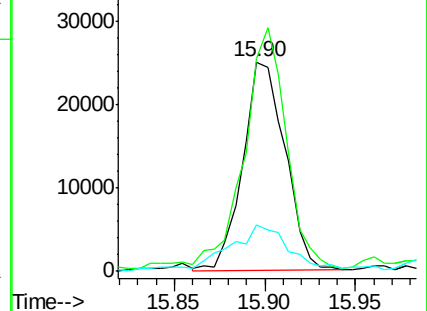
167 22.2 11.4 17.2#



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: 1.31 ng/ul

RT: 17.65 min Scan# 2520

Delta R.T. 0.00 min

Lab File: BG025266.D

Acq: 17 Dec 2016 9:06

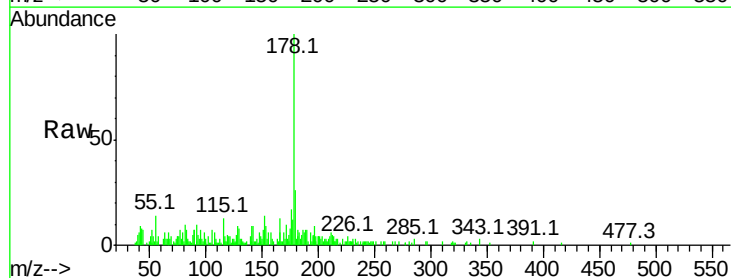
Tgt Ion:178 Resp: 25861

Ion Ratio Lower Upper

178 100

179 25.9 12.4 18.6#

176 17.1 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

