

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
 Data File : BG025292.D
 Acq On : 18 Dec 2016 2:42
 Operator : UM/SJ
 Sample : H5938-18DL 2X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DA840DL

Quant Time: Dec 18 05:41:25 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	69230	20.00	ng/ul	0.00
18) Naphthalene-d8	11.06	136	289594	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.85	164	218052	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.60	188	462966	20.00	ng/ul	0.00
75) Chrysene-d12	21.90	240	613791	20.00	ng/ul	0.00
83) Perylene-d12	25.32	264	623328	20.00	ng/ul	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 1,4-Dioxane-d8	3.58	96	2095	1.56	ng/uL	0.00
5) Phenol-d5	7.40	99	59221	9.92	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.55	67	40373	10.93	ng/ul	0.00
9) 2-Chlorophenol-d4	7.77	132	41919	10.04	ng/ul	0.00
13) 4-Methylphenol-d8	8.95	113	47672	9.55	ng/ul	0.00
19) Nitrobenzene-d5	9.41	128	24484	11.94	ng/ul	0.00
22) 2-Nitrophenol-d4	10.14	143	29804	11.66	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.69	165	51351	10.44	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
43) Dimethylphthalate-d6	14.25	166	174776	11.65	ng/ul	0.00
46) Acenaphthylene-d8	14.55	160	202852	12.35	ng/ul	0.00
51) 4-Nitrophenol-d4	15.10	143	29374	11.40	ng/ul	0.01
57) Fluorene-d10	15.85	176	165807	11.74	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	0.00	200	0d	0.00	ng/ul	
70) Anthracene-d10	17.70	188	252943	12.94	ng/ul	0.00
76) Pyrene-d10	19.98	212	340180	13.46	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.08	264	338835	13.42	ng/ul	0.00

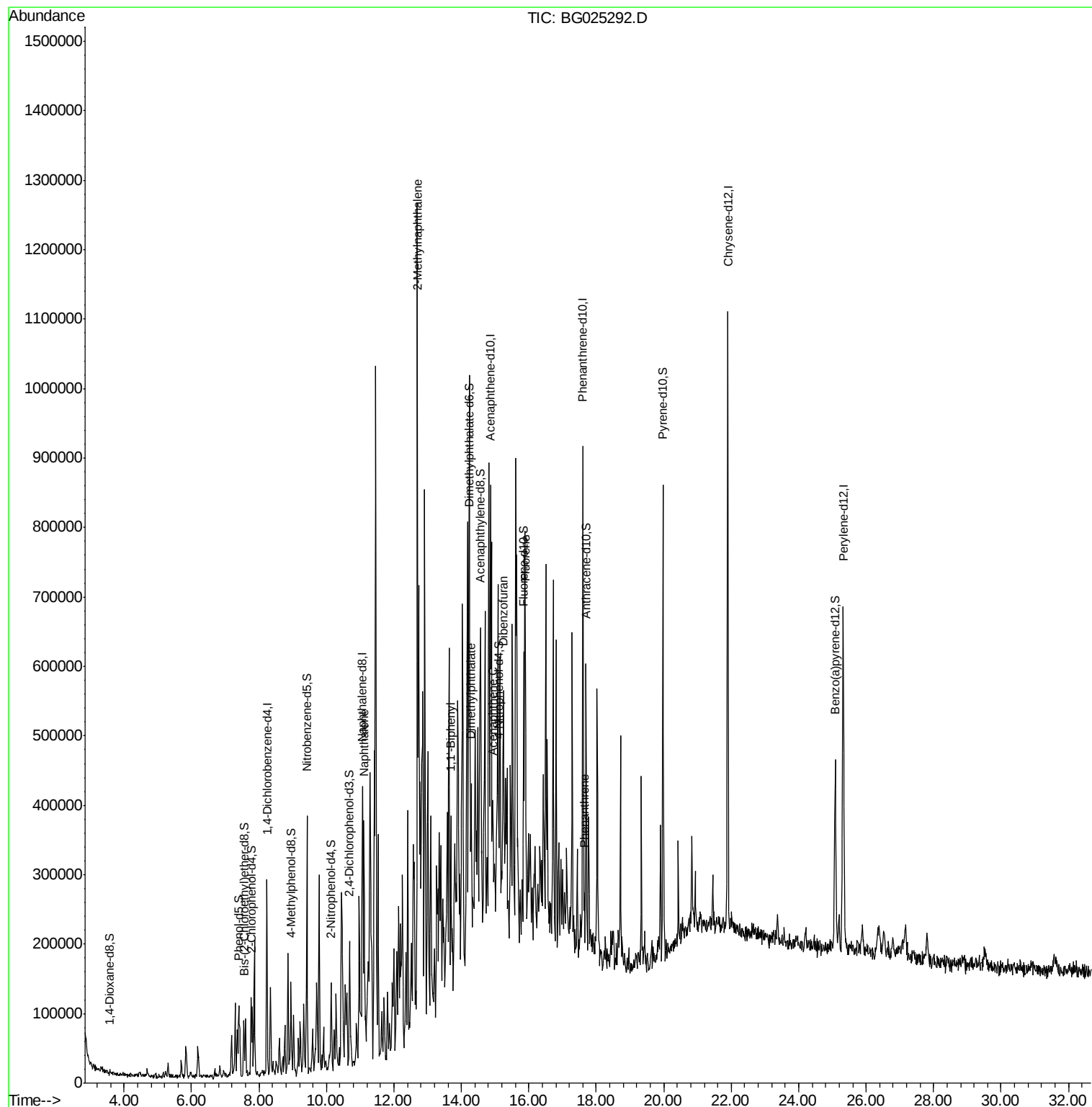
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
28) Naphthalene	11.11	128	271768	20.19	ng/ul	100
34) 2-Methylnaphthalene	12.70	142	545409	51.34	ng/ul	96
40) 1,1'-Biphenyl	13.69	154	140728	10.65	ng/ul	97
44) Dimethylphthalate	14.29	163	83609	5.67	ng/ul#	97
49) Acenaphthene	14.92	153	36686	3.35	ng/ul#	86
53) Dibenzofuran	15.25	168	99772	5.77	ng/ul	97
58) Fluorene	15.90	166	111525	7.92	ng/ul#	96
69) Phenanthrene	17.64	178	68193	3.09	ng/ul#	90

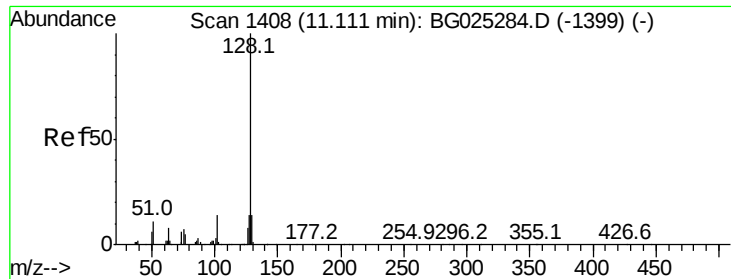
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#28

Naphthalene

Concen: 20.19 ng/ul

RT: 11.11 min Scan# 1408

Delta R.T. -0.00 min

Lab File: BG025292.D

Acq: 18 Dec 2016 2:42

Instrument :

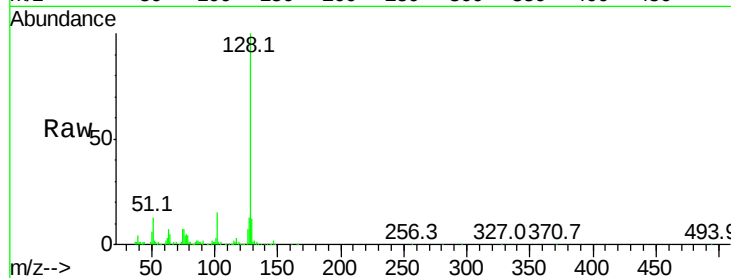
BNA_G

ClientSampleId :

DA840DL

Tot Ion:128 Resp: 271768

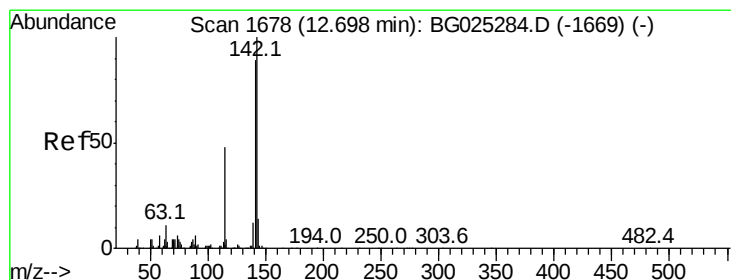
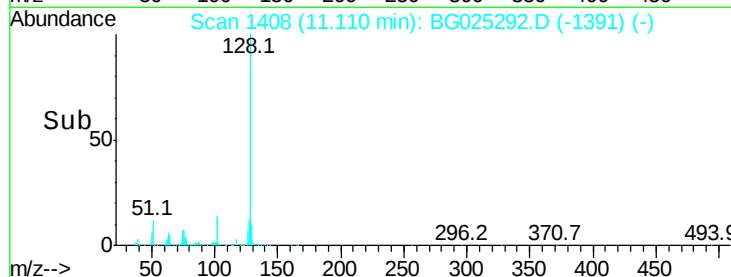
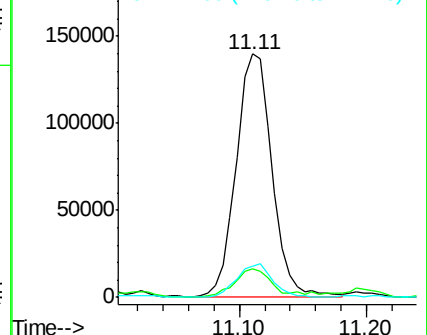
Ion	Ratio	Lower	Upper
128	100		
129	12.0	9.4	14.2
127	12.7	10.3	15.5



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: 51.34 ng/ul

RT: 12.70 min Scan# 1678

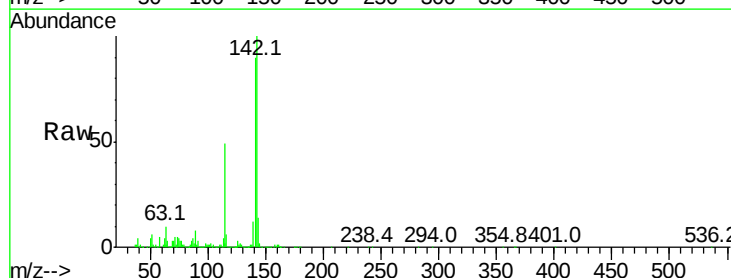
Delta R.T. -0.00 min

Lab File: BG025292.D

Acq: 18 Dec 2016 2:42

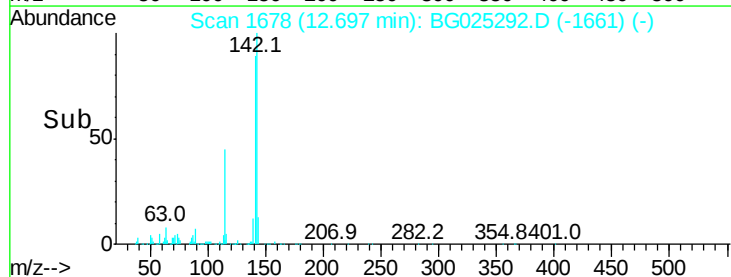
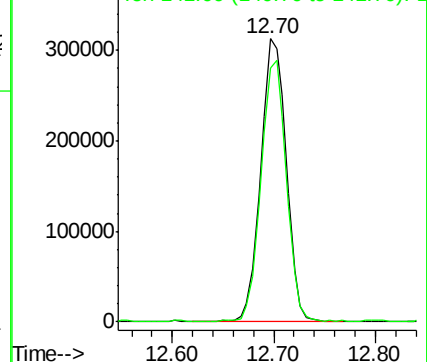
Tgt Ion:142 Resp: 545409

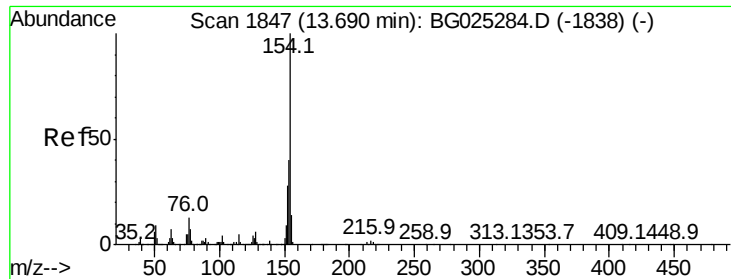
Ion	Ratio	Lower	Upper
142	100		
141	89.6	68.6	102.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#40

1,1'-Biphenyl

Concen: 10.65 ng/ul

RT: 13.69 min Scan# 1847

Delta R.T. -0.00 min

Lab File: BG025292.D

Acq: 18 Dec 2016 2:42

Instrument :

BNA_G

ClientSampleId :

DA840DL

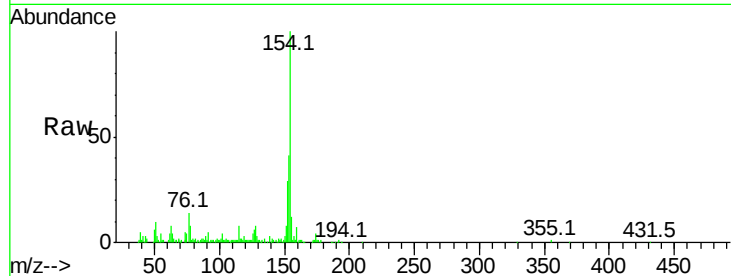
Tot Ion:154 Resp: 140728

Ion Ratio Lower Upper

154 100

153 41.4 32.2 48.2

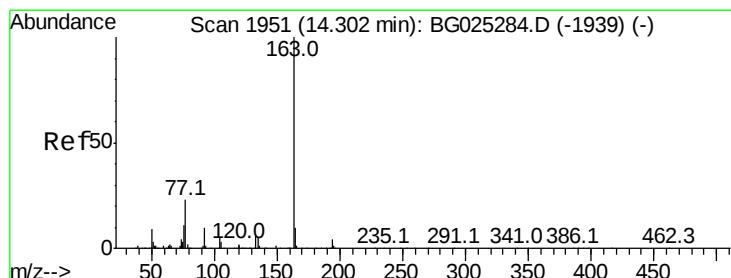
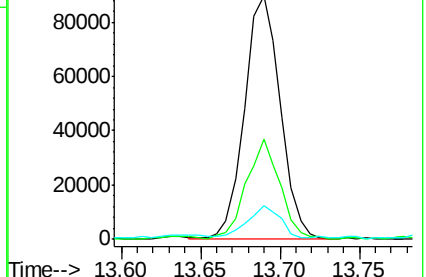
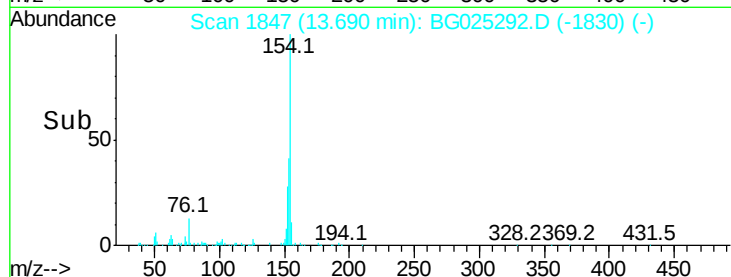
76 13.9 9.6 14.4



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): BGC



#44

Dimethylphthalate

Concen: 5.67 ng/ul

RT: 14.29 min Scan# 1950

Delta R.T. -0.01 min

Lab File: BG025292.D

Acq: 18 Dec 2016 2:42

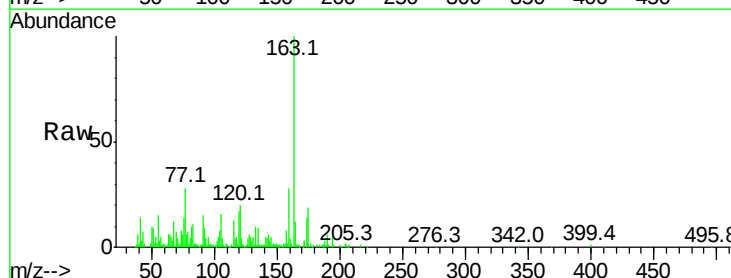
Tgt Ion:163 Resp: 83609

Ion Ratio Lower Upper

163 100

194 5.5 3.4 5.0#

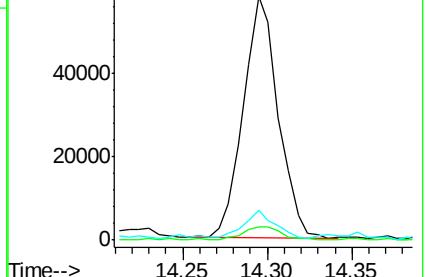
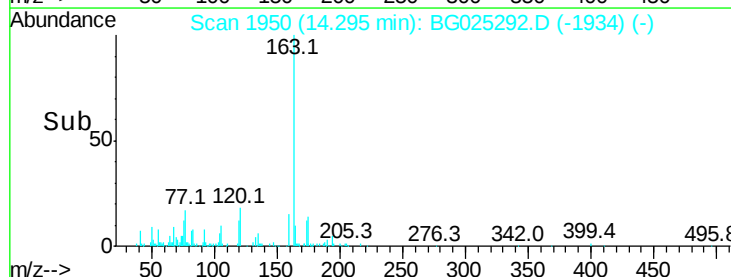
164 12.2 9.0 13.4

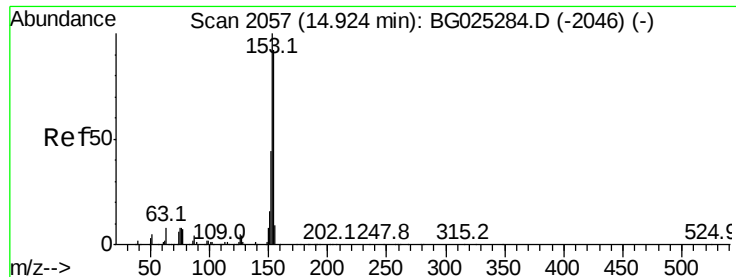


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#49

Acenaphthene

Concen: 3.35 ng/ul

RT: 14.92 min Scan# 2057

Delta R.T. -0.00 min

Lab File: BG025292.D

Acq: 18 Dec 2016 2:42

Instrument :

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DA840DL

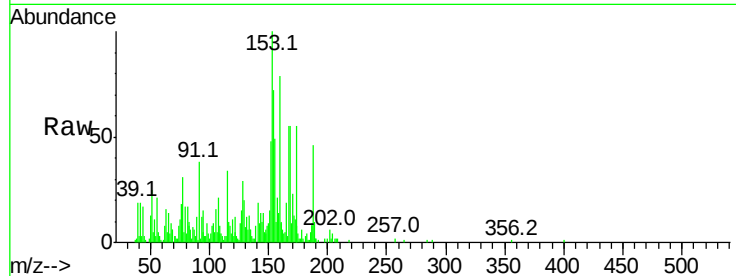
Tot Ion:153 Resp: 36686

Ion Ratio Lower Upper

153 100

152 48.0 36.5 54.7

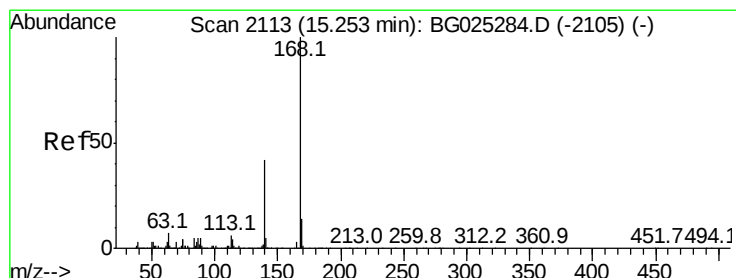
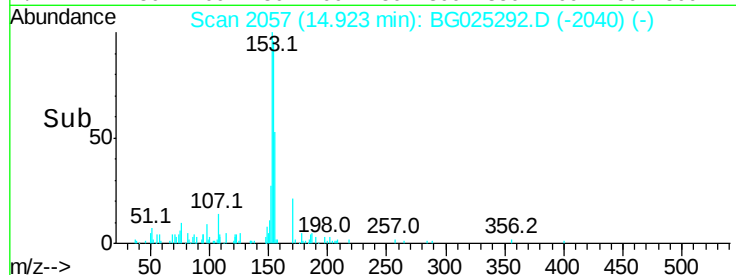
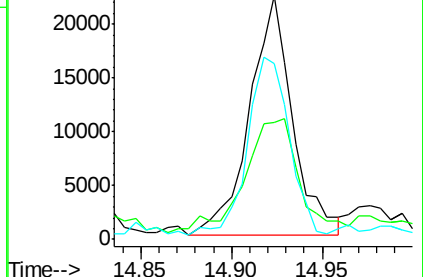
154 72.2 72.3 108.5#



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: 5.77 ng/ul

RT: 15.25 min Scan# 2113

Delta R.T. -0.00 min

Lab File: BG025292.D

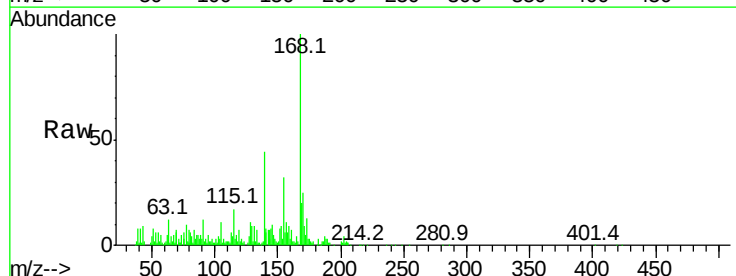
Acq: 18 Dec 2016 2:42

Tgt Ion:168 Resp: 99772

Ion Ratio Lower Upper

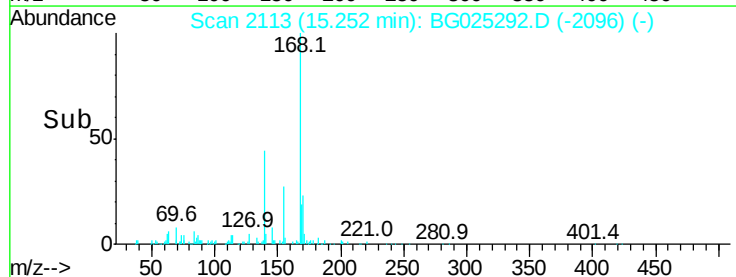
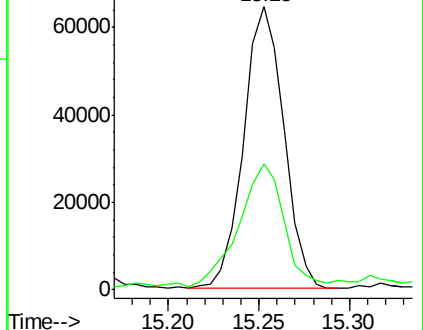
168 100

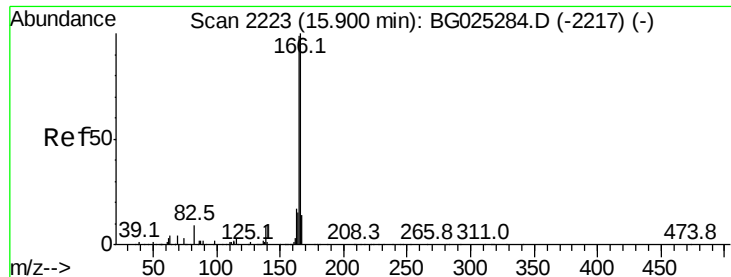
139 44.4 33.8 50.8



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E





#58

Fluorene

Concen: 7.92 ng/ul

RT: 15.90 min Scan# 2223

Delta R.T. -0.00 min

Lab File: BG025292.D

Acq: 18 Dec 2016 2:42

Instrument :

BNA_G

ClientSampleId :

DA840DL

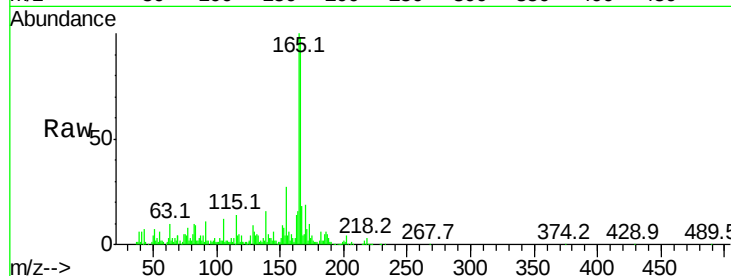
Tot Ion:166 Resp: 111525

Ion Ratio Lower Upper

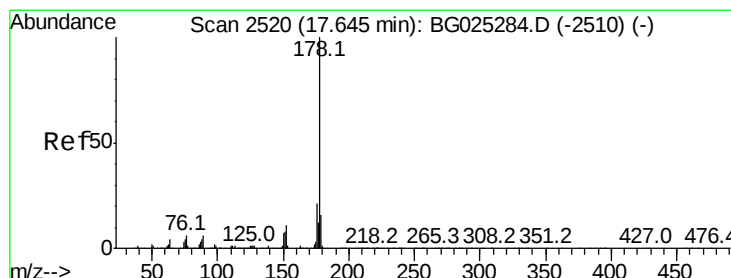
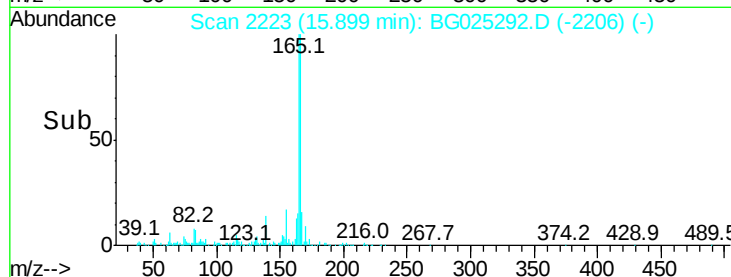
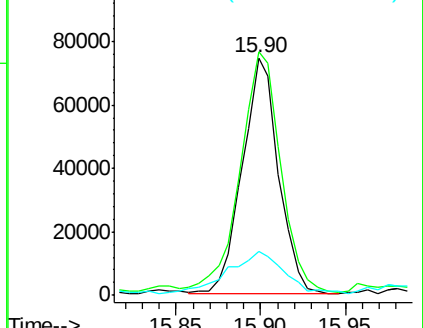
166 100

165 102.4 79.7 119.5

167 18.3 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



#69

Phenanthrene

Concen: 3.09 ng/ul

RT: 17.64 min Scan# 2520

Delta R.T. -0.00 min

Lab File: BG025292.D

Acq: 18 Dec 2016 2:42

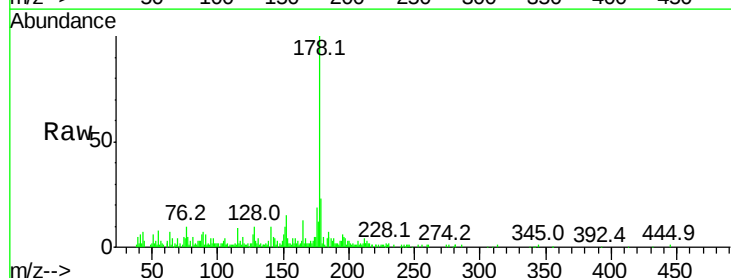
Tgt Ion:178 Resp: 68193

Ion Ratio Lower Upper

178 100

179 23.3 12.4 18.6#

176 19.4 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

