

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG123015\
 Data File : BG020625.D
 Acq On : 31 Dec 2015 2:21
 Operator : UM/SJ
 Sample : G4846-06DL 5X
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9N52DL

Quant Time: Dec 31 03:46:27 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG123015.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 31 03:43:50 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	15843	20.00	ng/ul	0.00
18) Naphthalene-d8	10.87	136	66216	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.69	164	50597	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.44	188	132257	20.00	ng/ul	0.00
78) Chrysene-d12	21.71	240	163887	20.00	ng/ul	0.00
86) Perylene-d12	24.97	264	156603	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	7.22	99	1828	1.37	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.38	67	6339	7.83	ng/ul	0.00
9) 2-Chlorophenol-d4	7.59	132	6272	6.13	ng/ul	0.00
13) 4-Methylphenol-d8	8.78	113	4296	3.74	ng/ul	0.00
19) Nitrobenzene-d5	9.23	128	4114	8.04	ng/ul	0.00
22) 2-Nitrophenol-d4	9.95	143	4516	7.61	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.50	165	7652	6.78	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0	0.00	ng/ul	
44) Dimethylphthalate-d6	14.09	166	37747	9.12	ng/ul	0.00
47) Acenaphthylene-d8	14.39	160	42053	8.94	ng/ul	0.00
52) 4-Nitrophenol-d4	14.93	143	189	0.29	ng/ul	0.02
58) Fluorene-d10	15.69	176	34391	9.16	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.81	200	4011	5.00	ng/ul	0.00
71) Anthracene-d10	17.54	188	58898	9.56	ng/ul	0.00
79) Pyrene-d10	19.82	212	69874	9.51	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.74	264	72152	9.23	ng/ul	0.00

Target Compounds

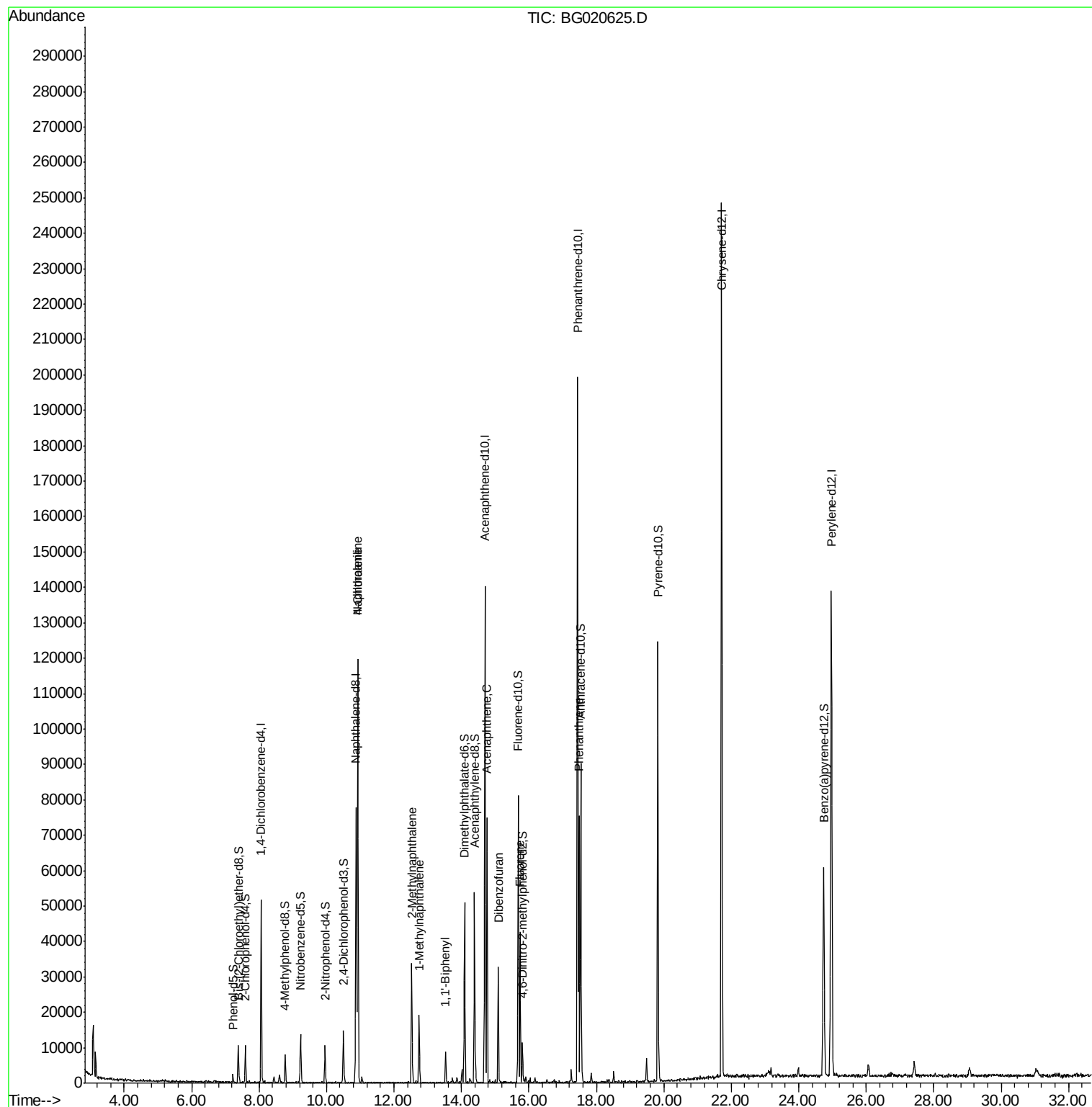
						Qvalue
28) Naphthalene	10.93	128	105112	29.98	ng/ul	99
30) 4-Chloroaniline	10.93	127	13973	10.15	ng/ul#	9
34) 2-Methylnaphthalene	12.53	142	18141	6.91	ng/ul	100
35) 1-Methylnaphthalene	12.75	142	10645	4.20	ng/ul	93
41) 1,1'-Biphenyl	13.53	154	6228	1.64	ng/ul	96
50) Acenaphthene	14.76	153	32858	9.69	ng/ul	99
54) Dibenzofuran	15.09	168	24634	4.81	ng/ul	88
59) Fluorene	15.74	166	20945	5.08	ng/ul	95
70) Phenanthrene	17.48	178	49154	6.84	ng/ul	98

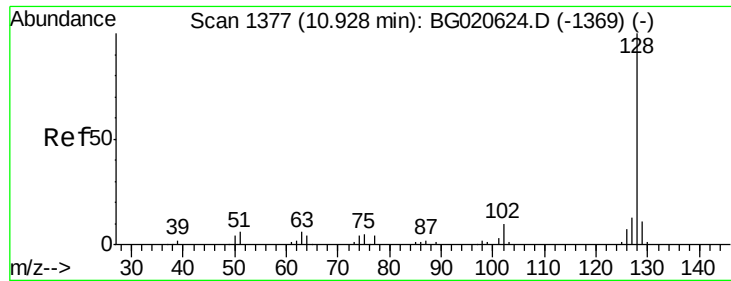
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#28

Naphthalene

Concen: 29.98 ng/ul

RT: 10.93 min Scan# 1377

Delta R.T. -0.00 min

Lab File: BG020625.D

Acq: 31 Dec 2015 2:21

Instrument :

BNA_G

ClientSampleId :

D9N52DL

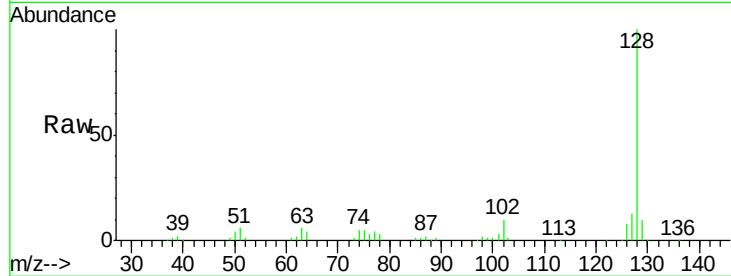
Tgt Ion:128 Resp: 105112

Ion Ratio Lower Upper

128 100

129 10.4 8.3 12.5

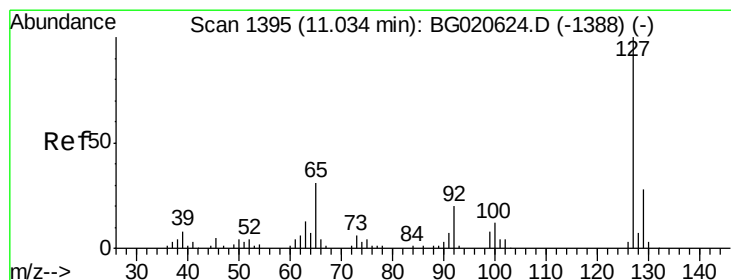
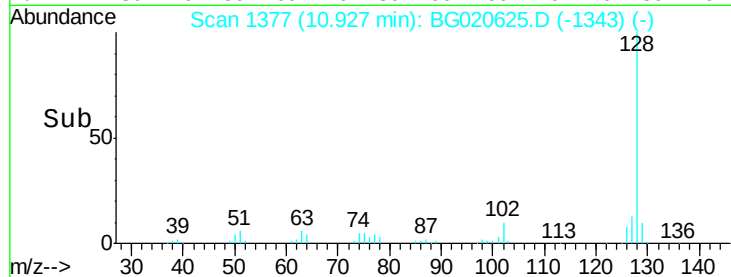
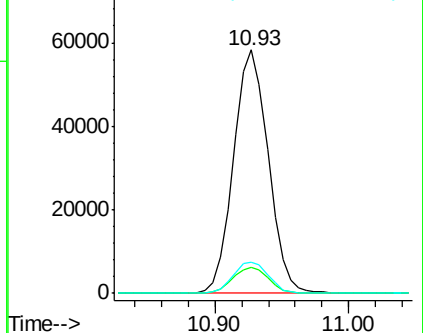
127 12.9 10.8 16.2



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



#30

4-Chloroaniline

Concen: 10.15 ng/ul

RT: 10.93 min Scan# 1377

Delta R.T. -0.11 min

Lab File: BG020625.D

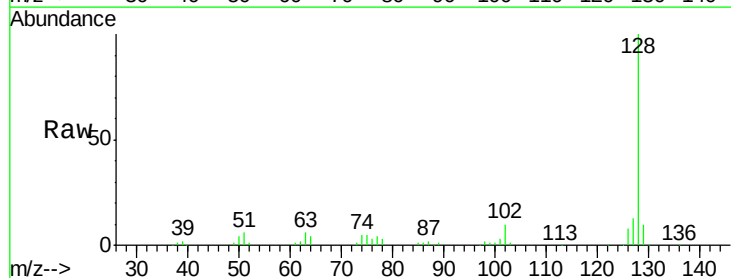
Acq: 31 Dec 2015 2:21

Tgt Ion:127 Resp: 13973

Ion Ratio Lower Upper

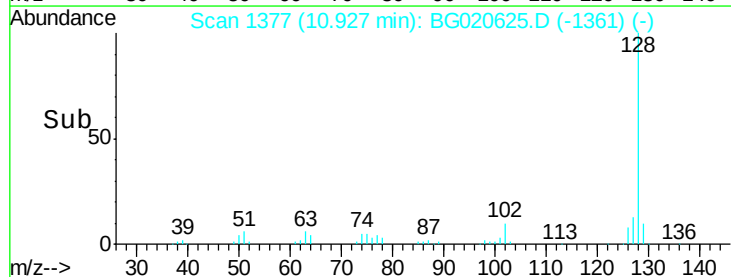
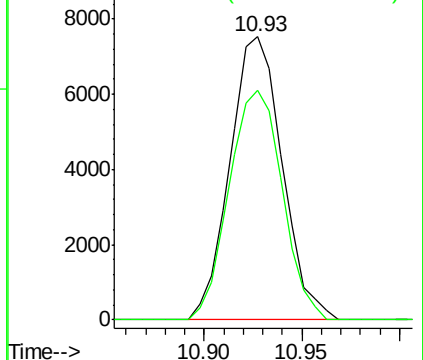
127 100

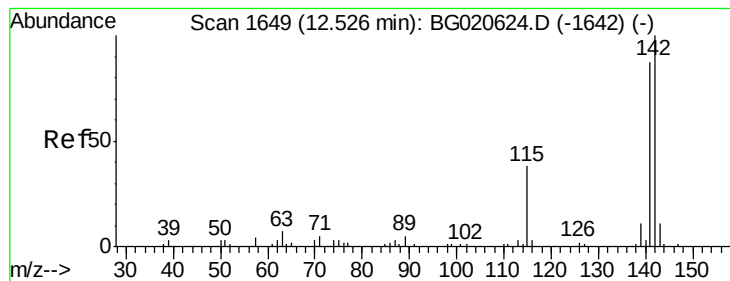
129 80.9 24.6 37.0#



Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E





#34

2-Methylnaphthalene

Concen: 6.91 ng/ul

RT: 12.53 min Scan# 1649

Delta R.T. -0.00 min

Lab File: BG020625.D

Acq: 31 Dec 2015 2:21

Instrument :

BNA_G

ClientSampleId :

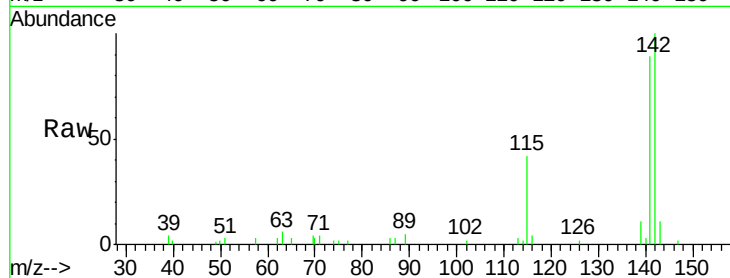
D9N52DL

Tgt Ion:142 Resp: 18141

Ion Ratio Lower Upper

142 100

141 89.0 71.4 107.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

12000

10000

8000

6000

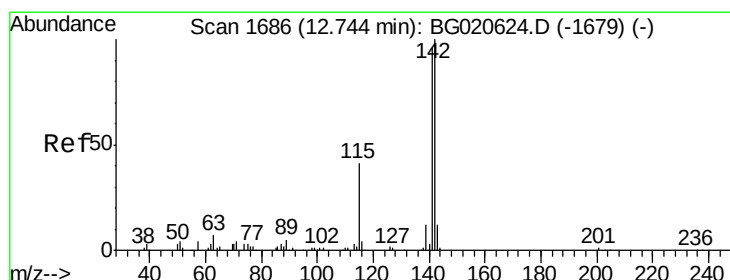
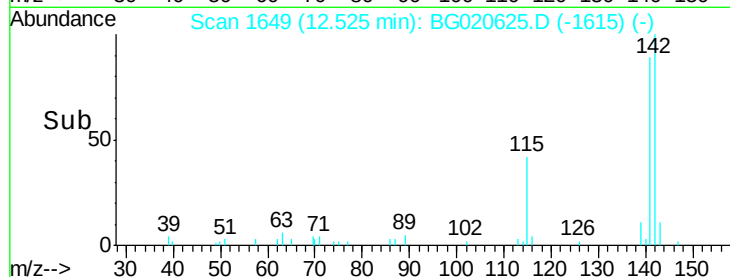
4000

2000

0

12.50 12.55

Time-->



#35

1-Methylnaphthalene

Concen: 4.20 ng/ul

RT: 12.75 min Scan# 1687

Delta R.T. 0.01 min

Lab File: BG020625.D

Acq: 31 Dec 2015 2:21

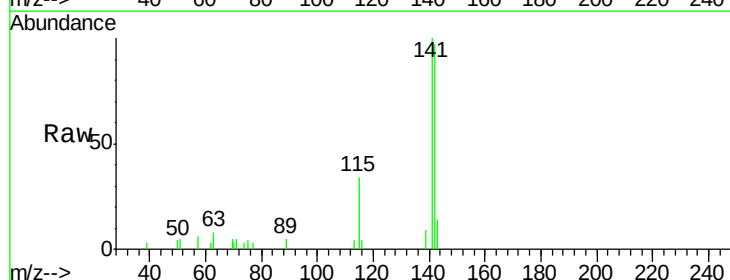
Tgt Ion:142 Resp: 10645

Ion Ratio Lower Upper

142 100

141 103.2 76.6 115.0

116 4.3 3.6 5.4



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

8000

6000

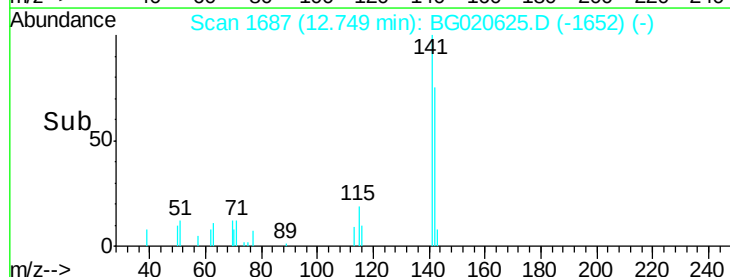
4000

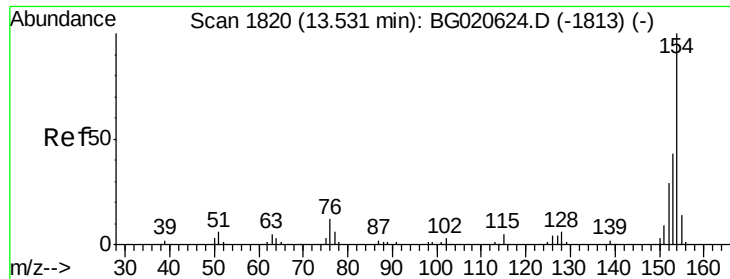
2000

0

12.70 12.75 12.80

Time-->

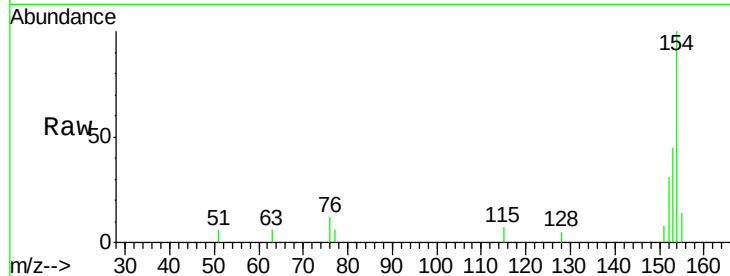




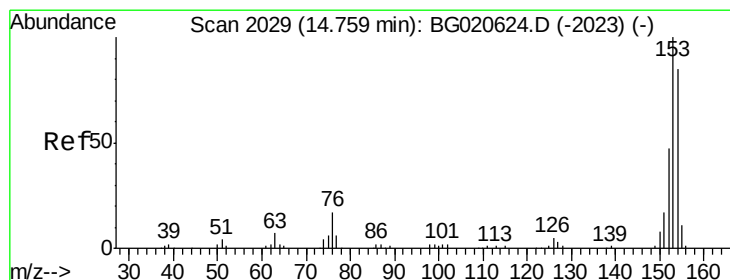
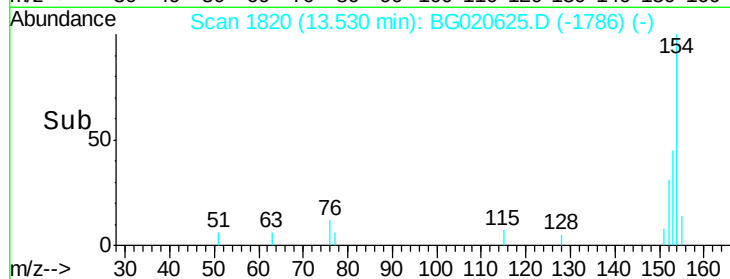
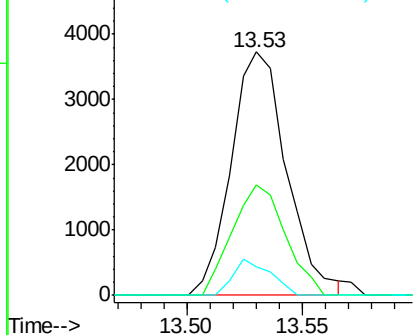
#41
 1,1'-Biphenyl
 Concen: 1.64 ng/ul
 RT: 13.53 min Scan# 1820
 Delta R.T. -0.00 min
 Lab File: BG020625.D
 Acq: 31 Dec 2015 2:21

Instrument :
 BNA_G
 ClientSampleId :
 D9N52DL

Tgt Ion:154 Resp: 6228
 Ion Ratio Lower Upper
 154 100
 153 45.5 34.0 51.0
 76 11.8 8.4 12.6

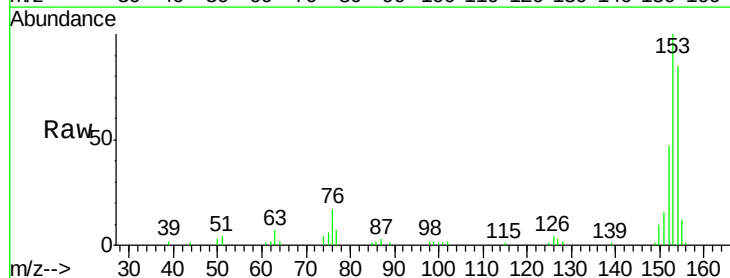


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BGC

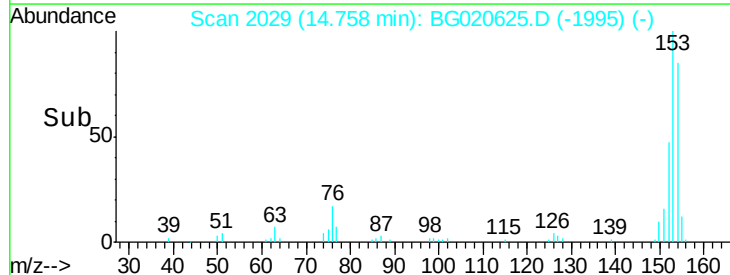
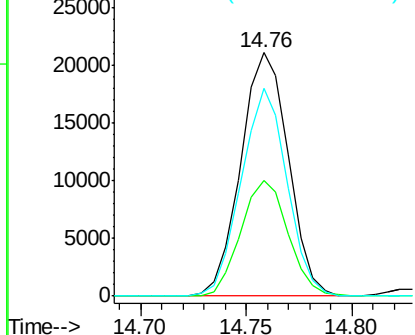


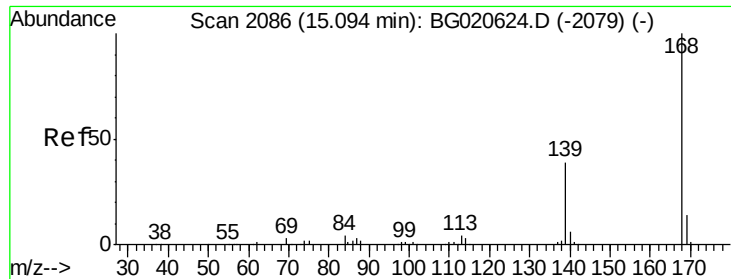
#50
 Acenaphthene
 Concen: 9.69 ng/ul
 RT: 14.76 min Scan# 2029
 Delta R.T. -0.00 min
 Lab File: BG020625.D
 Acq: 31 Dec 2015 2:21

Tgt Ion:153 Resp: 32858
 Ion Ratio Lower Upper
 153 100
 152 47.5 37.9 56.9
 154 85.4 69.8 104.6



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





#54

Dibenzenofuran

Concen: 4.81 ng/ul

RT: 15.09 min Scan# 2086

Delta R.T. -0.00 min

Lab File: BG020625.D

Acq: 31 Dec 2015 2:21

Instrument :

BNA_G

ClientSampleId :

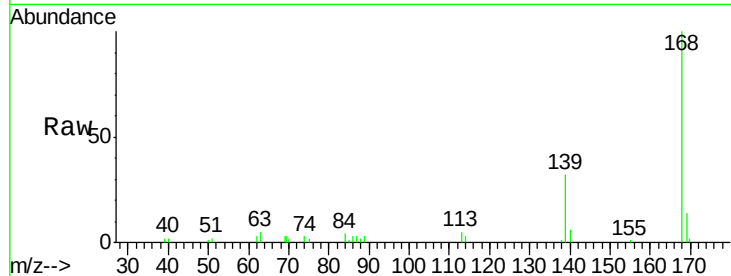
D9N52DL

Tgt Ion:168 Resp: 24634

Ion Ratio Lower Upper

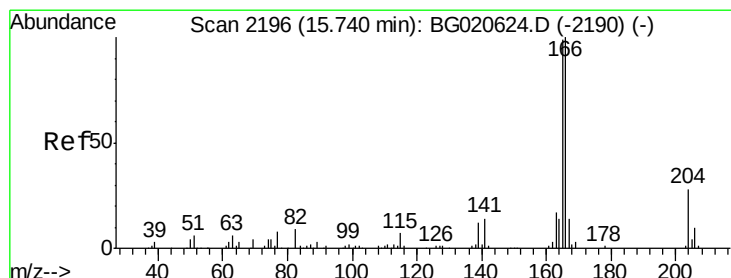
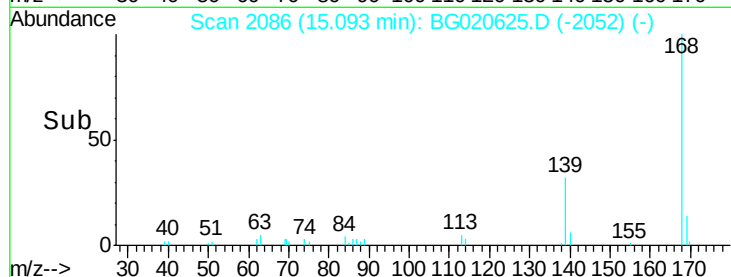
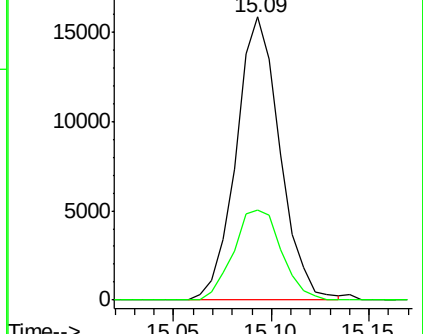
168 100

139 31.7 31.0 46.4



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E



#59

Fluorene

Concen: 5.08 ng/ul

RT: 15.74 min Scan# 2196

Delta R.T. -0.00 min

Lab File: BG020625.D

Acq: 31 Dec 2015 2:21

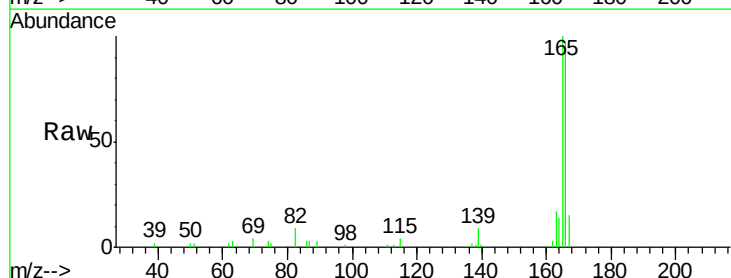
Tgt Ion:166 Resp: 20945

Ion Ratio Lower Upper

166 100

165 102.6 78.4 117.6

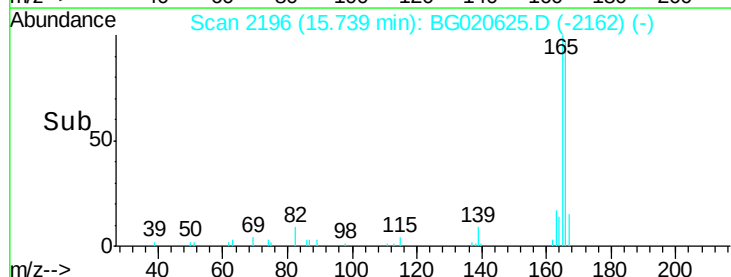
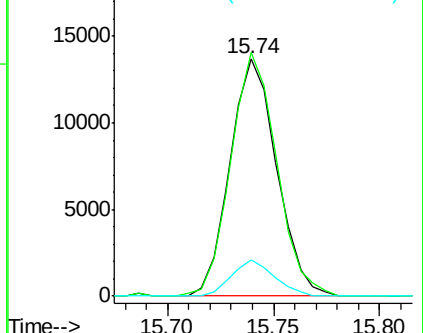
167 15.4 11.1 16.7

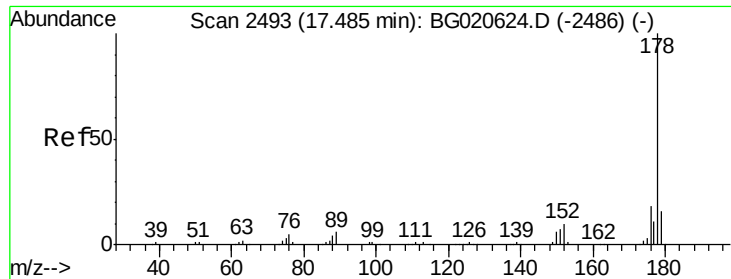


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#70

Phenanthrene

Concen: 6.84 ng/ul

RT: 17.48 min Scan# 2493

Delta R.T. -0.00 min

Lab File: BG020625.D

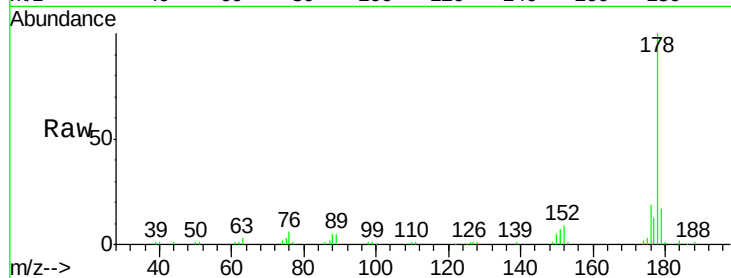
Acq: 31 Dec 2015 2:21

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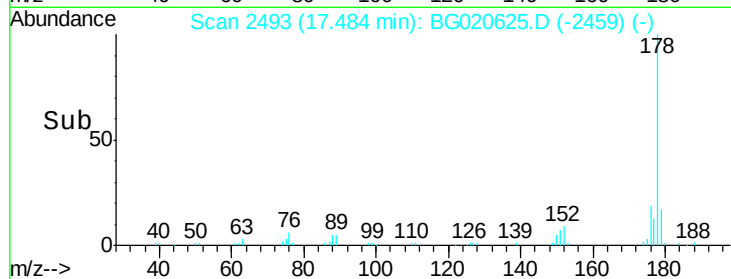
Tgt Ion:178 Resp: 49154

Ion Ratio Lower Upper

178 100

179 17.0 12.3 18.5

176 18.9 15.4 23.0



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

