

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG123115\
 Data File : BG020648.D
 Acq On : 31 Dec 2015 19:13
 Operator : UM/SJ
 Sample : G4847-07DL 30X
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9N71DL

Quant Time: Jan 01 03:21:04 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG123015.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jan 01 03:15:46 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	16342	20.00	ng/ul	0.00
18) Naphthalene-d8	10.87	136	75077	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.70	164	58424	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.44	188	154876	20.00	ng/ul	0.00
78) Chrysene-d12	21.71	240	184848	20.00	ng/ul	0.00
86) Perylene-d12	24.97	264	176636	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	7.39	99	449	0.33	ng/ul	0.17
7) Bis-(2-Chloroethyl)ether-d	7.39	67	561	0.67	ng/ul	0.00
9) 2-Chlorophenol-d4	7.60	132	550	0.52	ng/ul	0.00
13) 4-Methylphenol-d8	0.00	113	0	0.00	ng/ul	
19) Nitrobenzene-d5	9.24	128	361	0.62	ng/ul	0.00
22) 2-Nitrophenol-d4	9.97	143	365	0.54	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.51	165	429	0.34	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0	0.00	ng/ul	
44) Dimethylphthalate-d6	14.09	166	5199	1.09	ng/ul	0.00
47) Acenaphthylene-d8	14.39	160	5712	1.05	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
58) Fluorene-d10	15.68	176	5141	1.19	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
71) Anthracene-d10	17.53	188	8615	1.19	ng/ul	0.00
79) Pyrene-d10	19.82	212	9241	1.11	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.73	264	3774	0.43	ng/ul	-0.03

Target Compounds

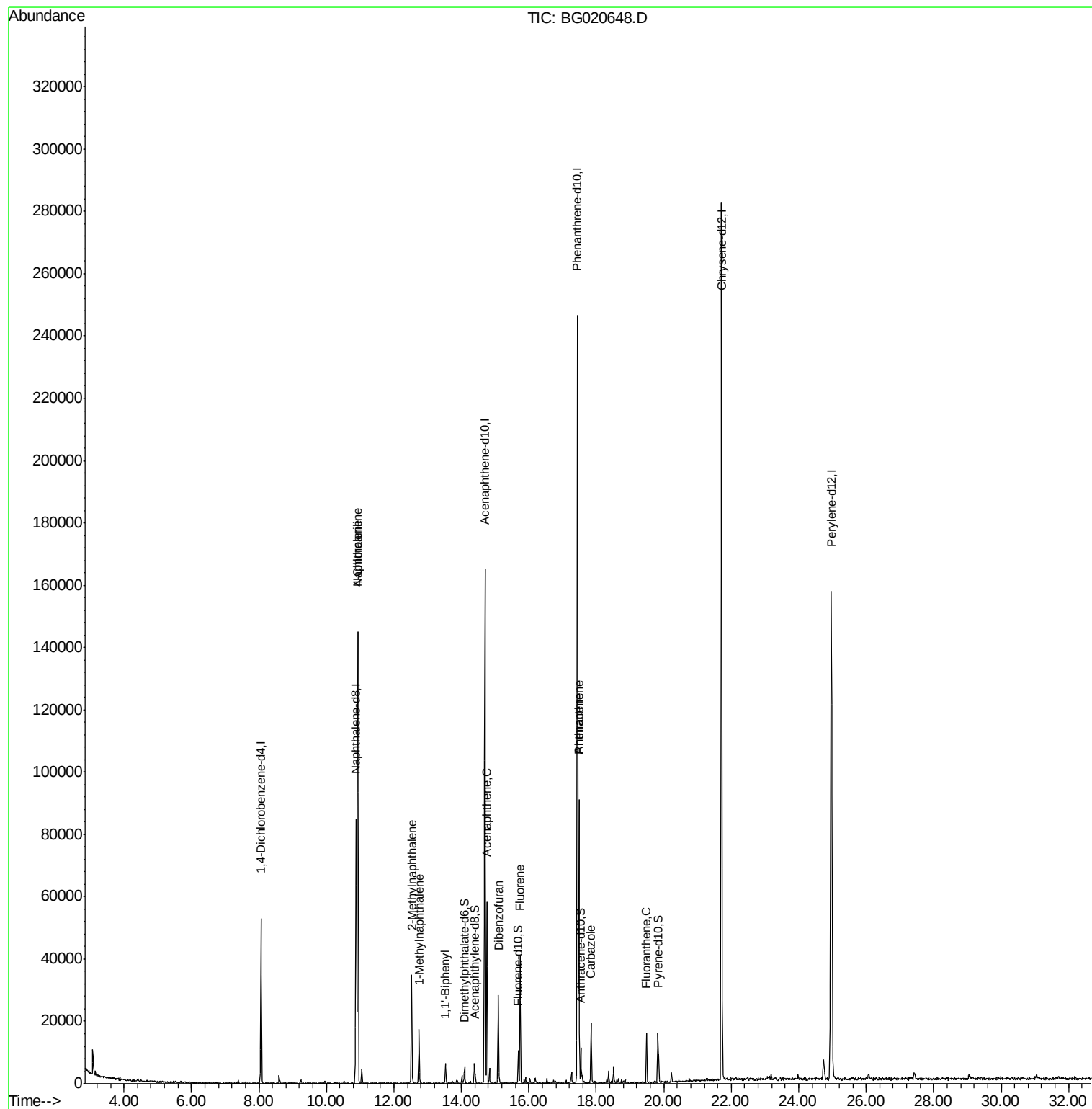
						Qvalue
28) Naphthalene	10.93	128	126888	31.91	ng/ul	98
30) 4-Chloroaniline	10.93	127	17160	11.00	ng/ul#	1
34) 2-Methylnaphthalene	12.53	142	18914	6.36	ng/ul	87
35) 1-Methylnaphthalene	12.75	142	8982	3.13	ng/ul	99
41) 1,1'-Biphenyl	13.53	154	4899	1.11	ng/ul#	98
50) Acenaphthene	14.76	153	25960	6.63	ng/ul	97
54) Dibenzofuran	15.09	168	20063	3.39	ng/ul	93
59) Fluorene	15.74	166	19727	4.15	ng/ul	99
70) Phenanthrene	17.48	178	59394	7.05	ng/ul	96
72) Anthracene	17.48	178	59394	6.90	ng/ul	97
75) Carbazole	17.85	167	16489	2.27	ng/ul	96
77) Fluoranthene	19.49	202	12037	1.17	ng/ul#	90

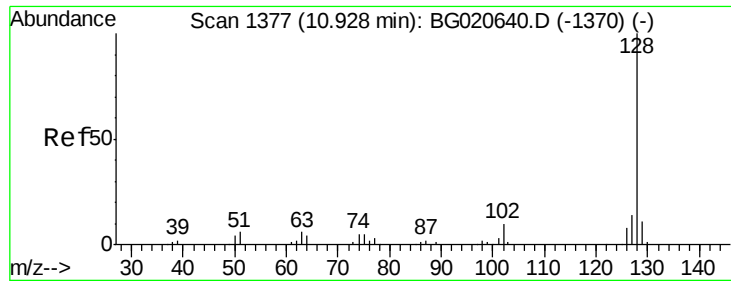
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jan 01 03:15:46 2016
Response via : Initial Calibration





#28

Naphthalene

Concen: 31.91 ng/ul

RT: 10.93 min Scan# 1376

Delta R.T. -0.00 min

Lab File: BG020648.D

Acq: 31 Dec 2015 19:13

Instrument :

BNA_G

ClientSampleId :

D9N71DL

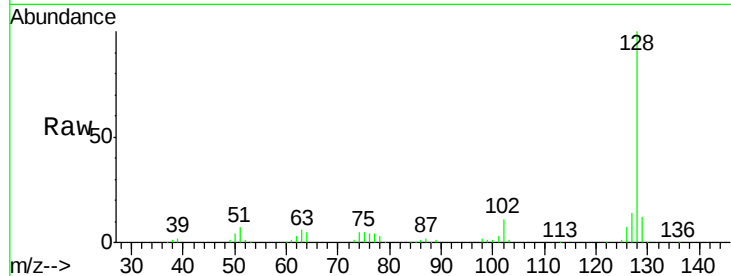
Tgt Ion:128 Resp: 126888

Ion Ratio Lower Upper

128 100

129 11.9 8.3 12.5

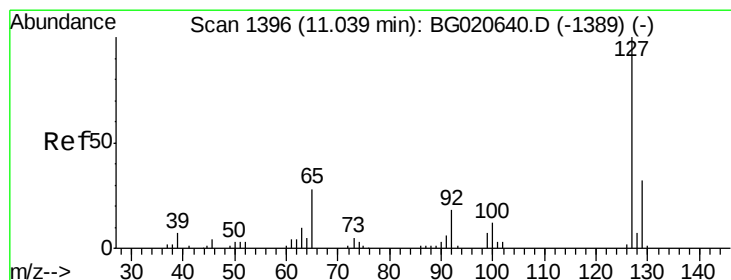
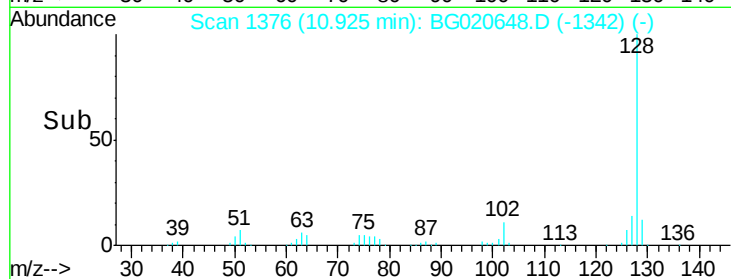
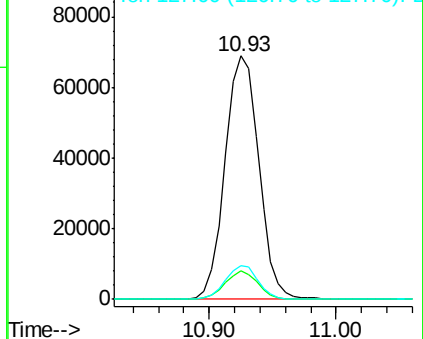
127 13.8 10.8 16.2



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: 11.00 ng/ul

RT: 10.93 min Scan# 1376

Delta R.T. -0.11 min

Lab File: BG020648.D

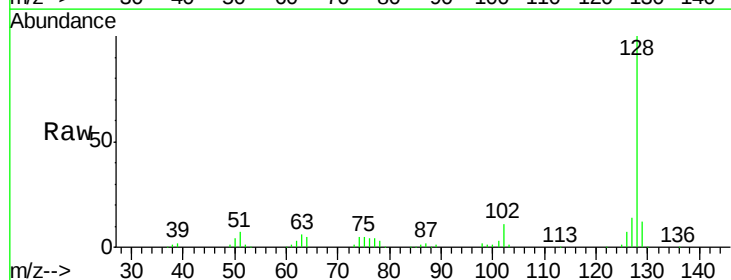
Acq: 31 Dec 2015 19:13

Tgt Ion:127 Resp: 17160

Ion Ratio Lower Upper

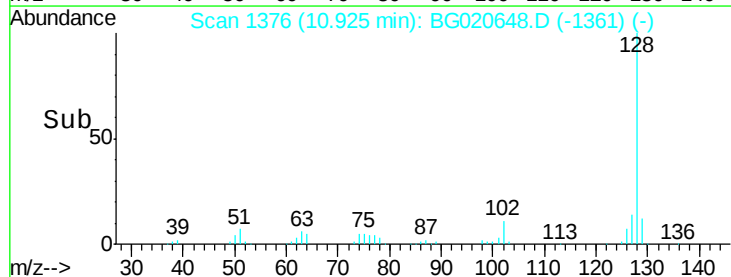
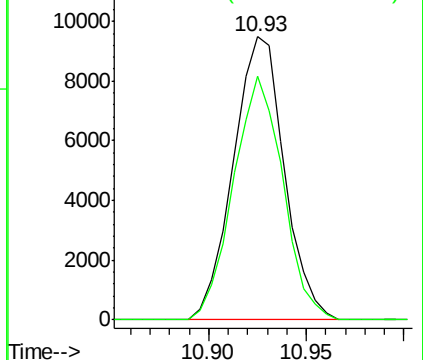
127 100

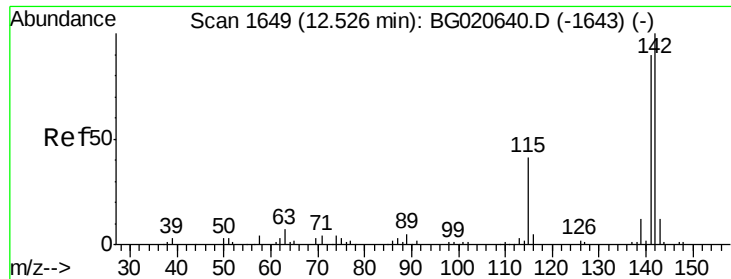
129 86.3 24.6 37.0#



Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

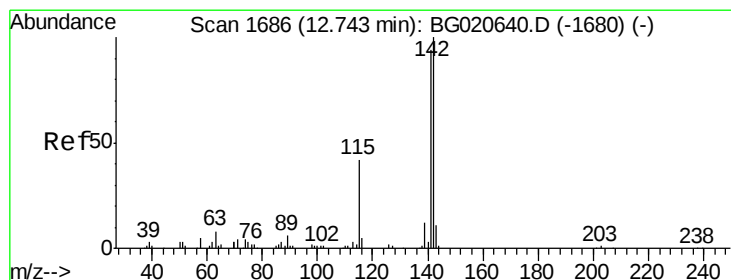
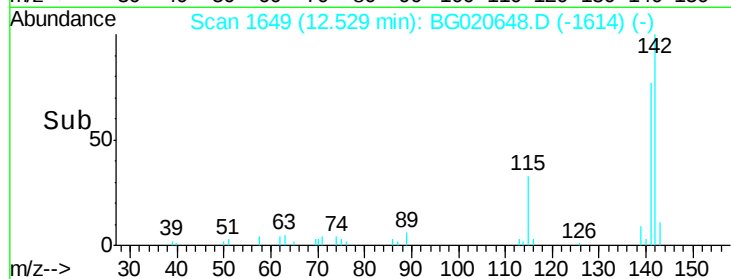
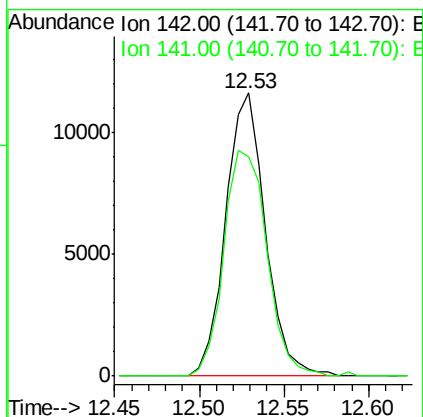
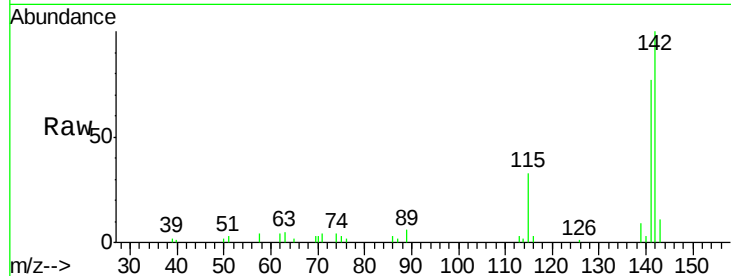




#34
 2-Methylnaphthalene
 Concen: 6.36 ng/ul
 RT: 12.53 min Scan# 1649
 Delta R.T. 0.00 min
 Lab File: BG020648.D
 Acq: 31 Dec 2015 19:13

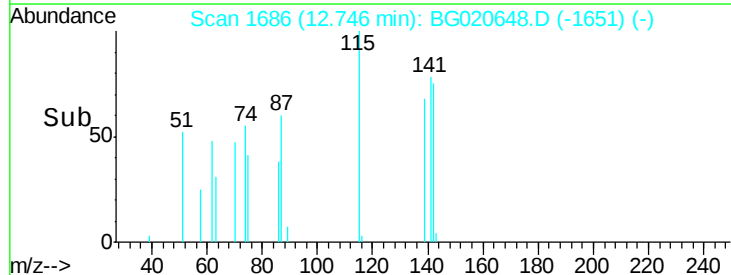
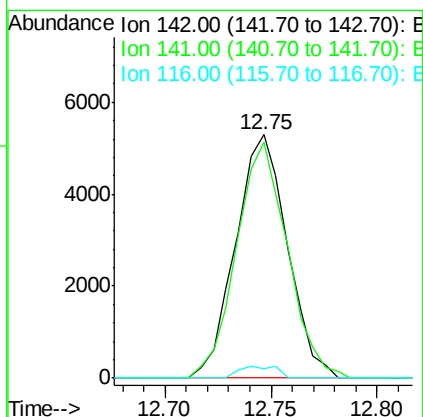
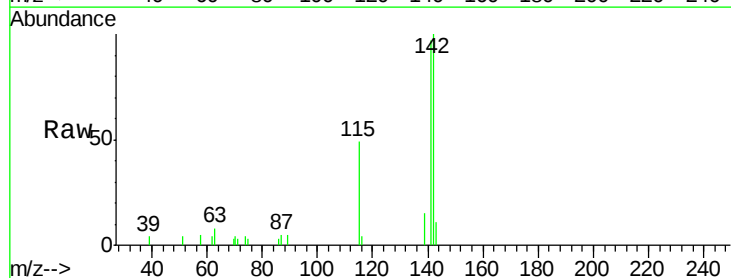
Instrument :
 BNA_G
 ClientSampleId :
 D9N71DL

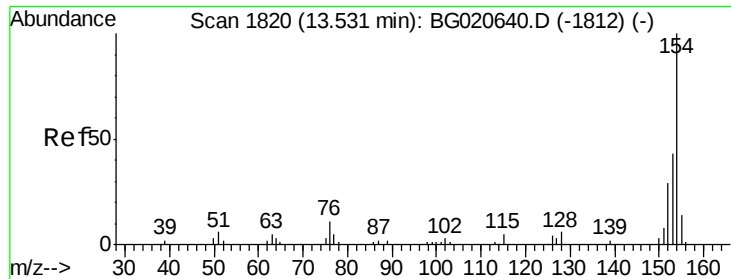
Tgt Ion:142 Resp: 18914
 Ion Ratio Lower Upper
 142 100
 141 77.5 71.4 107.2



#35
 1-Methylnaphthalene
 Concen: 3.13 ng/ul
 RT: 12.75 min Scan# 1686
 Delta R.T. 0.00 min
 Lab File: BG020648.D
 Acq: 31 Dec 2015 19:13

Tgt Ion:142 Resp: 8982
 Ion Ratio Lower Upper
 142 100
 141 97.1 76.6 115.0
 116 4.0 3.6 5.4

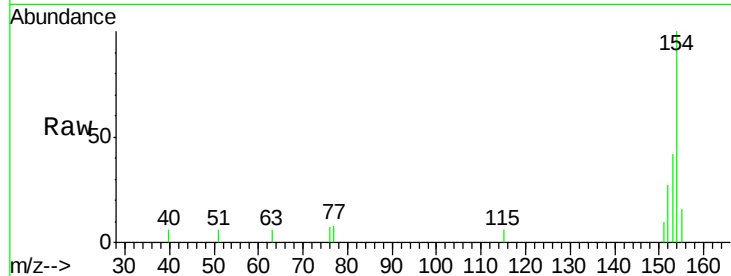




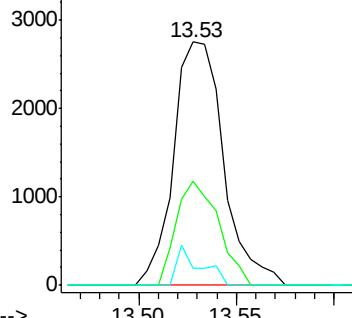
#41
 1,1'-Biphenyl
 Concen: 1.11 ng/ul
 RT: 13.53 min Scan# 1819
 Delta R.T. -0.00 min
 Lab File: BG020648.D
 Acq: 31 Dec 2015 19:13

Instrument :
 BNA_G
 ClientSampleId :
 D9N71DL

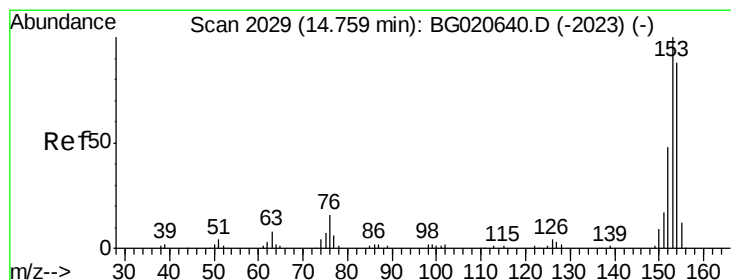
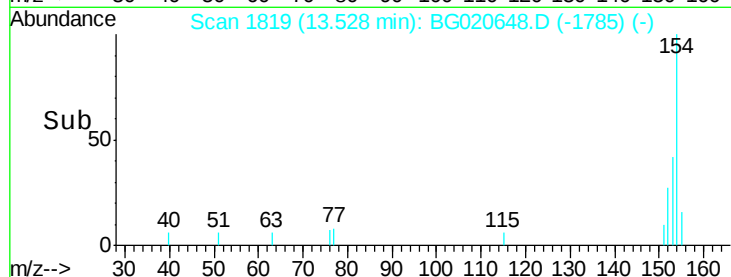
Tgt Ion:154 Resp: 4899
 Ion Ratio Lower Upper
 154 100
 153 42.5 34.0 51.0
 76 6.9 8.4 12.6#



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

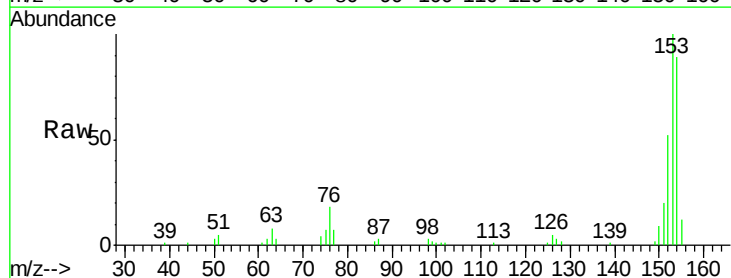


Time-->

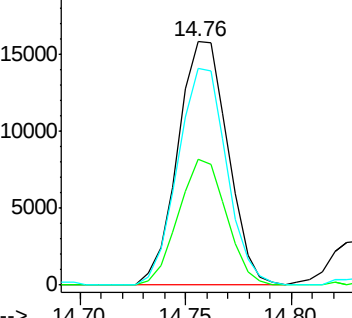


#50
 Acenaphthene
 Concen: 6.63 ng/ul
 RT: 14.76 min Scan# 2028
 Delta R.T. -0.00 min
 Lab File: BG020648.D
 Acq: 31 Dec 2015 19:13

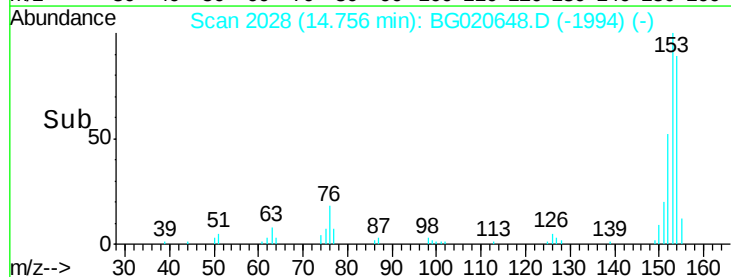
Tgt Ion:153 Resp: 25960
 Ion Ratio Lower Upper
 153 100
 152 51.7 37.9 56.9
 154 88.9 69.8 104.6

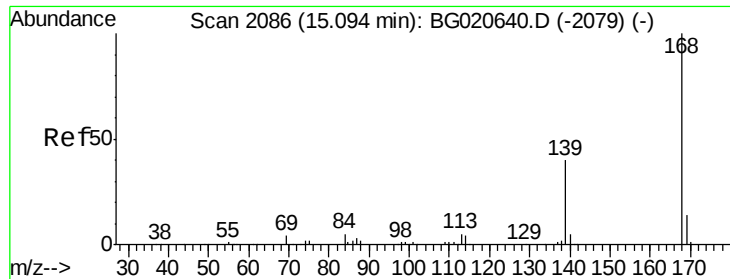


Abundance Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E
 Ion 154.00 (153.70 to 154.70): E



Time-->





#54

Dibenzofuran

Concen: 3.39 ng/ul

RT: 15.09 min Scan# 2085

Delta R.T. -0.00 min

Lab File: BG020648.D

Acq: 31 Dec 2015 19:13

Instrument :

BNA_G

ClientSampleId :

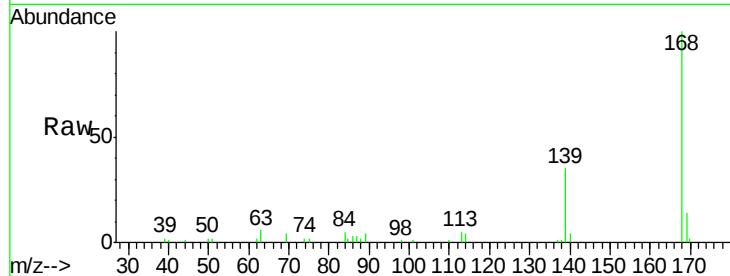
D9N71DL

Tgt Ion:168 Resp: 20063

Ion Ratio Lower Upper

168 100

139 34.5 31.0 46.4



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

15.09

15000

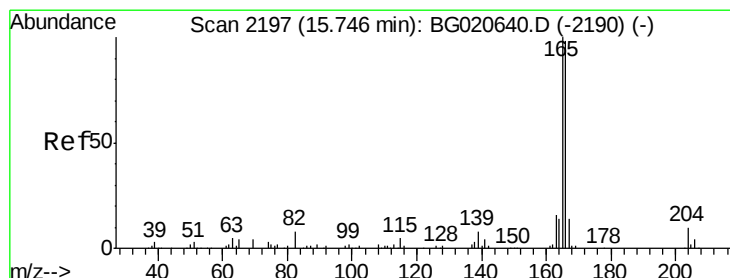
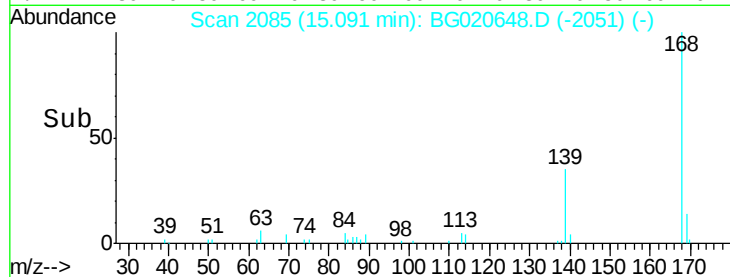
10000

5000

0

Time-->

15.05 15.10 15.15



#59

Fluorene

Concen: 4.15 ng/ul

RT: 15.74 min Scan# 2195

Delta R.T. -0.01 min

Lab File: BG020648.D

Acq: 31 Dec 2015 19:13

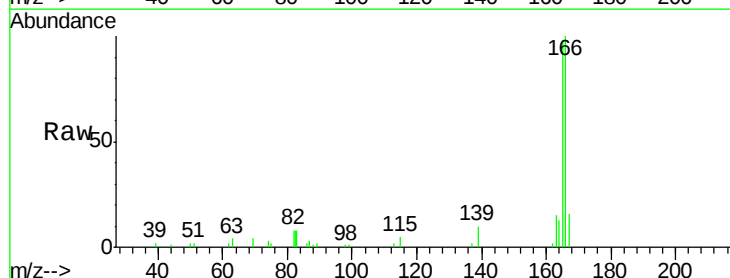
Tgt Ion:166 Resp: 19727

Ion Ratio Lower Upper

166 100

165 98.3 78.4 117.6

167 15.6 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

15.74

15000

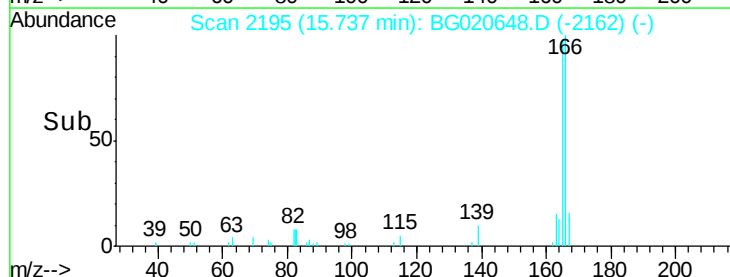
10000

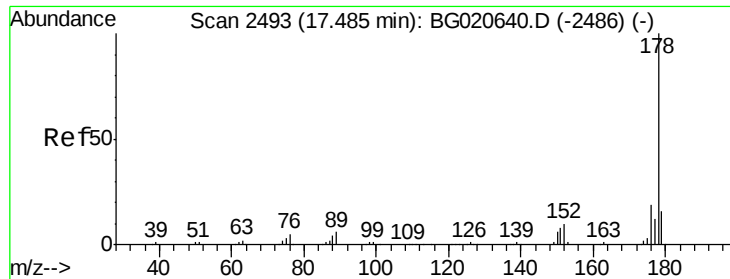
5000

0

Time-->

15.70 15.75 15.80





#70

Phenanthrene

Concen: 7.05 ng/ul

RT: 17.48 min Scan# 2492

Delta R.T. -0.00 min

Lab File: BG020648.D

Acq: 31 Dec 2015 19:13

Instrument :

BNA_G

ClientSampleId :

D9N71DL

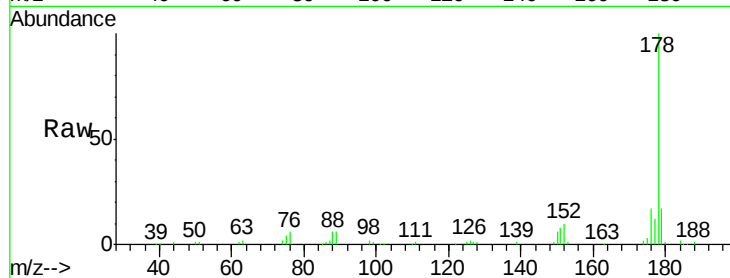
Tgt Ion:178 Resp: 59394

Ion Ratio Lower Upper

178 100

179 16.6 12.3 18.5

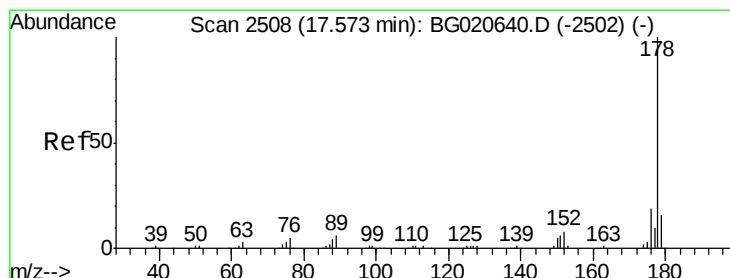
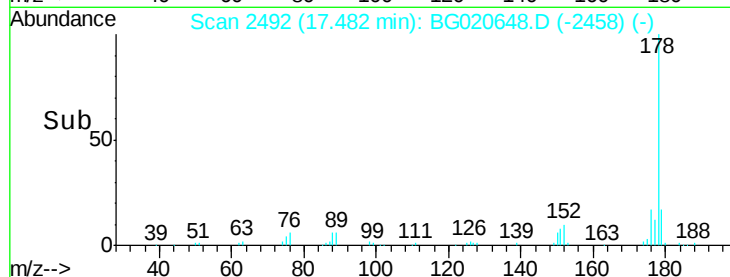
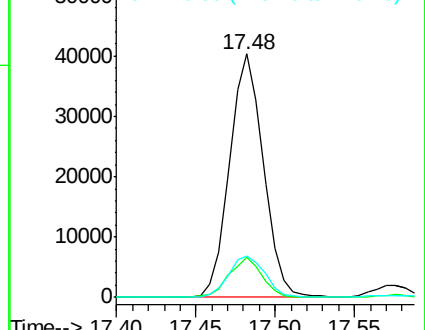
176 17.1 15.4 23.0



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



#72

Anthracene

Concen: 6.90 ng/ul

RT: 17.48 min Scan# 2492

Delta R.T. -0.09 min

Lab File: BG020648.D

Acq: 31 Dec 2015 19:13

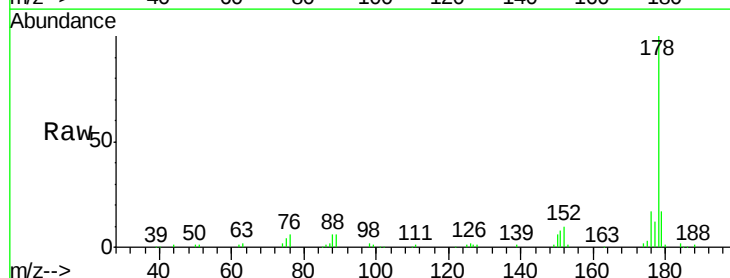
Tgt Ion:178 Resp: 59394

Ion Ratio Lower Upper

178 100

179 16.6 13.4 20.2

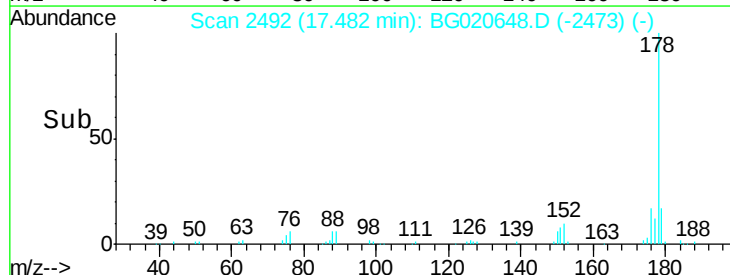
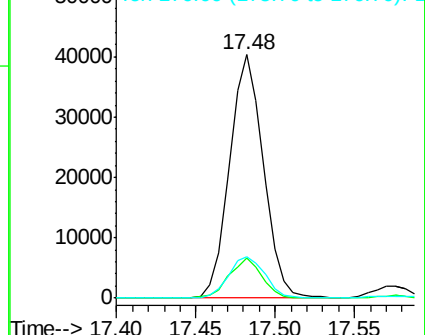
176 17.1 15.4 23.0

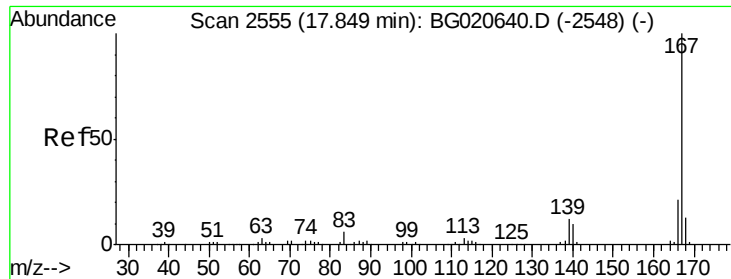


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#75

Carbazole

Concen: 2.27 ng/ul

RT: 17.85 min Scan# 2554

Delta R.T. -0.00 min

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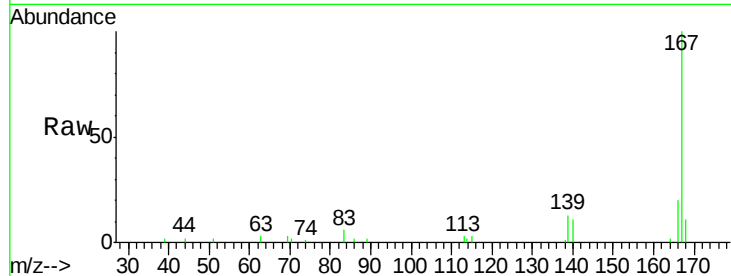
Tgt Ion:167 Resp: 16489

Ion Ratio Lower Upper

167 100

166 19.6 17.0 25.4

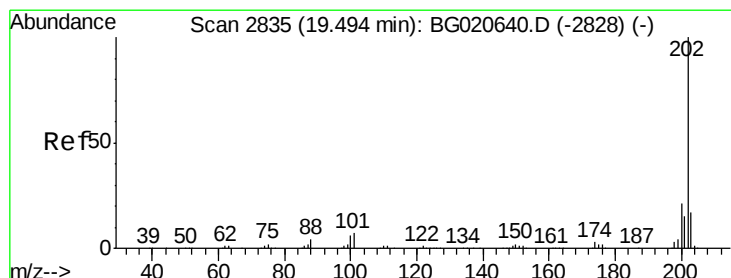
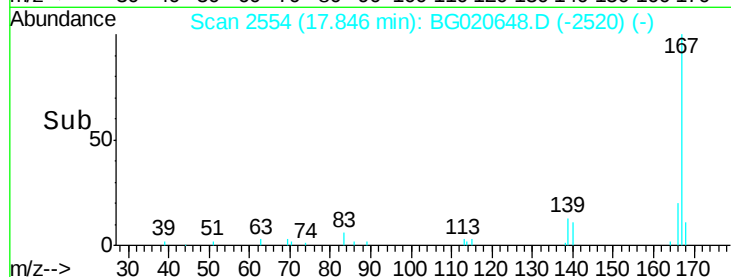
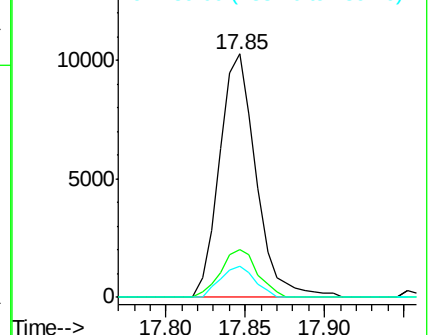
139 13.0 9.1 13.7



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#77

Fluoranthene

Concen: 1.17 ng/ul

RT: 19.49 min Scan# 2833

Delta R.T. -0.01 min

Lab File: BG020648.D

Acq: 31 Dec 2015 19:13

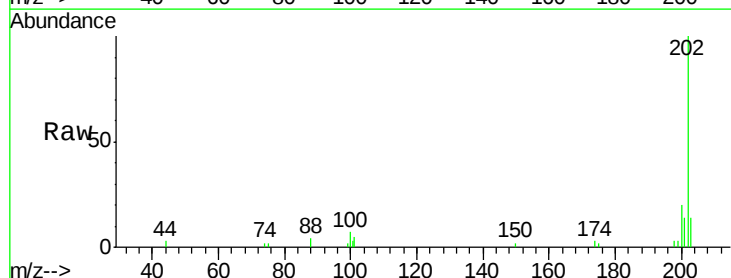
Tgt Ion:202 Resp: 12037

Ion Ratio Lower Upper

202 100

101 5.0 6.1 9.1#

100 10.5 4.6 7.0#



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

