

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122115\
 Data File : BG020381.D
 Acq On : 21 Dec 2015 17:48
 Operator : UM/SJ
 Sample : G4768-01DL 5X
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9N27DL

Quant Time: Dec 22 02:02:32 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Dec 22 02:00:19 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	17521	20.00	ng/ul	0.00
18) Naphthalene-d8	10.91	136	77286	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.73	164	49972	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.47	188	116728	20.00	ng/ul	0.00
78) Chrysene-d12	21.75	240	142934	20.00	ng/ul	0.00
86) Perylene-d12	25.03	264	117339	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	7.25	99	1265	0.82	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.41	67	3589	3.89	ng/ul	0.00
9) 2-Chlorophenol-d4	7.62	132	3779	3.36	ng/ul	0.00
13) 4-Methylphenol-d8	8.81	113	2735	2.07	ng/ul	0.00
19) Nitrobenzene-d5	9.26	128	2616	4.34	ng/ul	0.00
22) 2-Nitrophenol-d4	9.98	143	2740	4.09	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.53	165	4655	3.43	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0	0.00	ng/ul	
44) Dimethylphthalate-d6	14.13	166	16409	4.06	ng/ul	0.00
47) Acenaphthylene-d8	14.42	160	20087	4.27	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
58) Fluorene-d10	15.71	176	15931	4.35	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.83	200	567	0.82	ng/ul	0.00
71) Anthracene-d10	17.56	188	25374	4.72	ng/ul	0.00
79) Pyrene-d10	19.85	212	27979	4.20	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.79	264	16754	2.86	ng/ul	0.00

Target Compounds

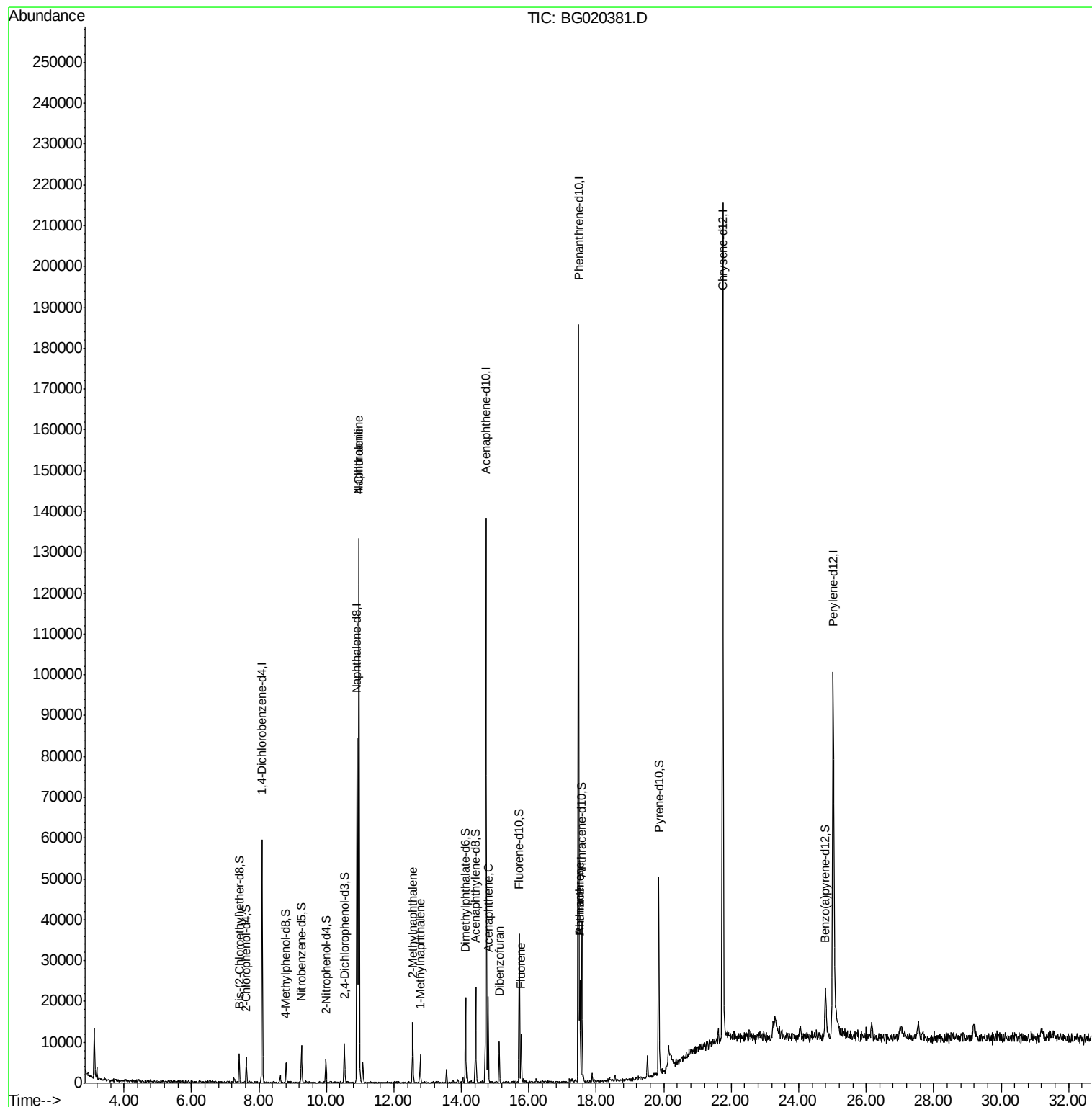
						Qvalue
28) Naphthalene	10.96	128	117767	29.18	ng/ul	98
30) 4-Chloroaniline	10.96	127	15468	9.93	ng/ul#	1
34) 2-Methylnaphthalene	12.56	142	8344	2.71	ng/ul	95
35) 1-Methylnaphthalene	12.78	142	4022	1.36	ng/ul#	88
50) Acenaphthene	14.79	153	9119	2.71	ng/ul	96
54) Dibenzofuran	15.13	168	7897	1.58	ng/ul	98
59) Fluorene	15.77	166	6174	1.54	ng/ul#	96
70) Phenanthrene	17.51	178	17264	2.70	ng/ul	95
72) Anthracene	17.51	178	16603	2.56	ng/ul	98

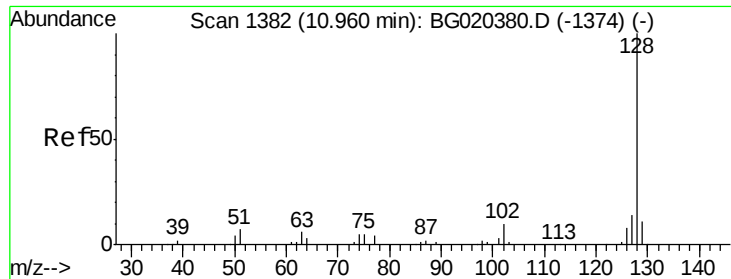
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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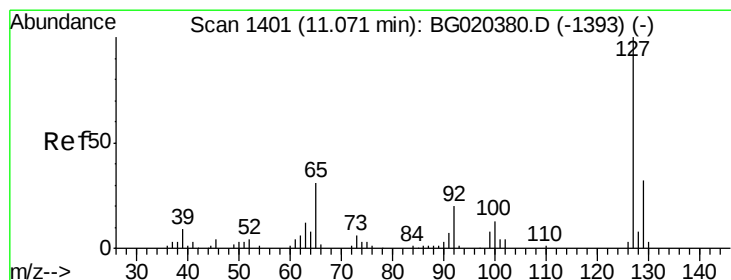
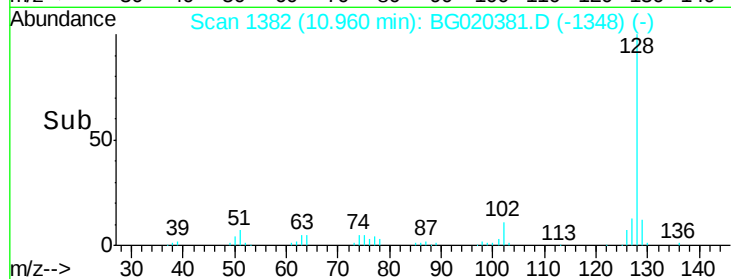
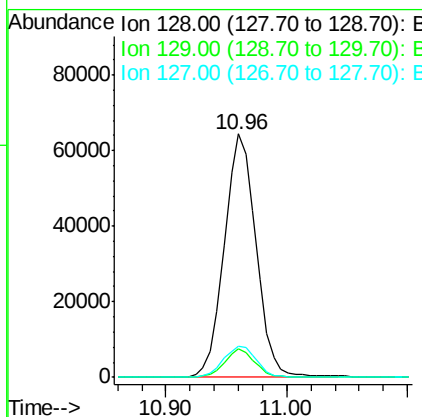
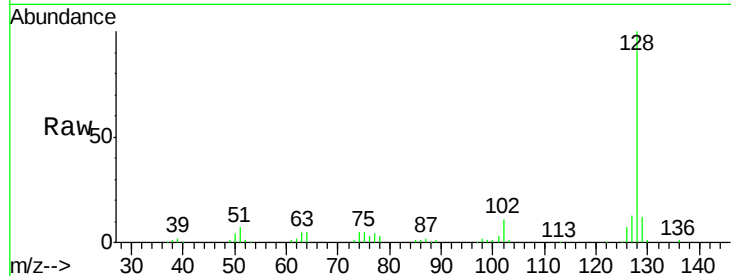




#28
Naphthalene
Concen: 29.18 ng/ul
RT: 10.96 min Scan# 1382
Delta R.T. 0.00 min
Lab File: BG020381.D
Acq: 21 Dec 2015 17:48

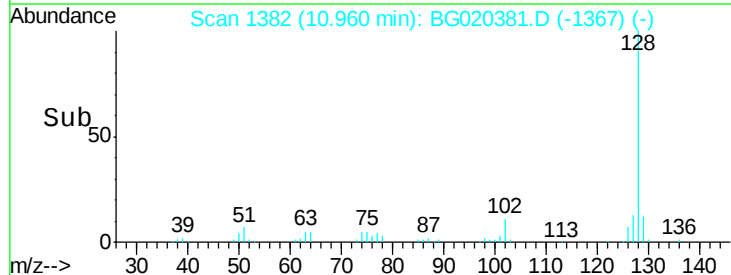
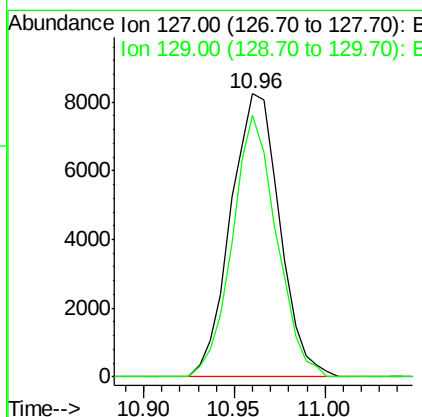
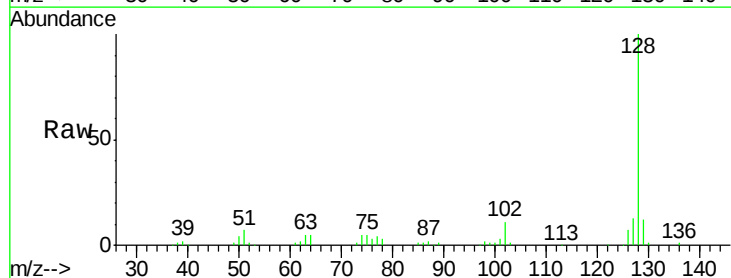
Instrument :
BNA_G
ClientSampleId :
D9N27DL

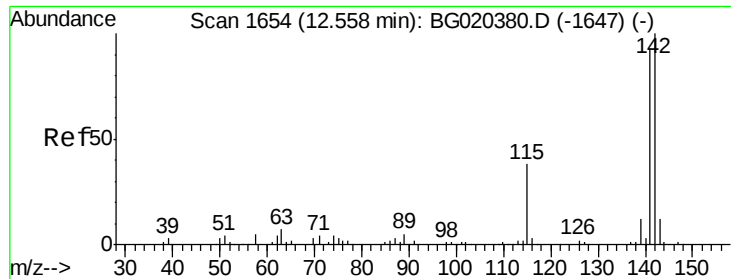
Tgt Ion:128 Resp: 117767
Ion Ratio Lower Upper
128 100
129 11.8 8.6 12.8
127 12.8 10.1 15.1



#30
4-Chloroaniline
Concen: 9.93 ng/ul
RT: 10.96 min Scan# 1382
Delta R.T. -0.11 min
Lab File: BG020381.D
Acq: 21 Dec 2015 17:48

Tgt Ion:127 Resp: 15468
Ion Ratio Lower Upper
127 100
129 92.3 25.7 38.5#

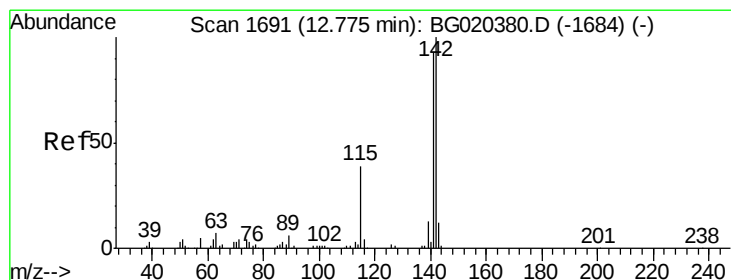
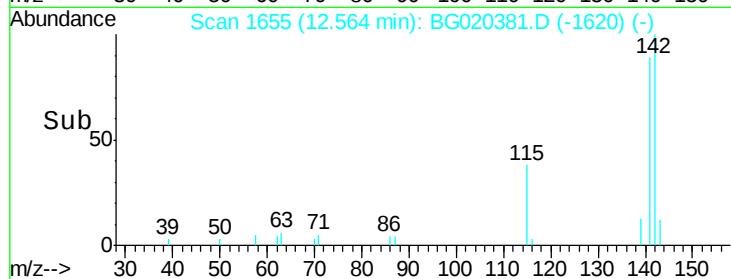
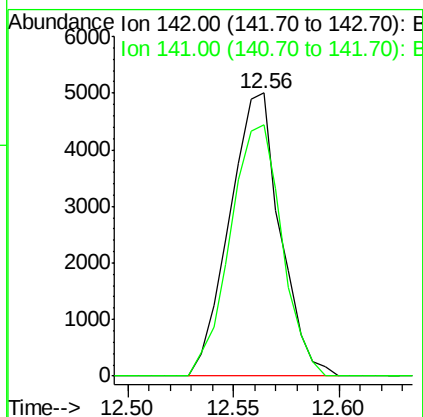
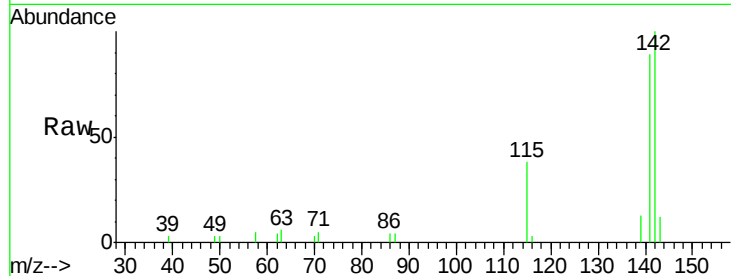




#34
2-Methylnaphthalene
Concen: 2.71 ng/ul
RT: 12.56 min Scan# 1655
Delta R.T. 0.01 min
Lab File: BG020381.D
Acq: 21 Dec 2015 17:48

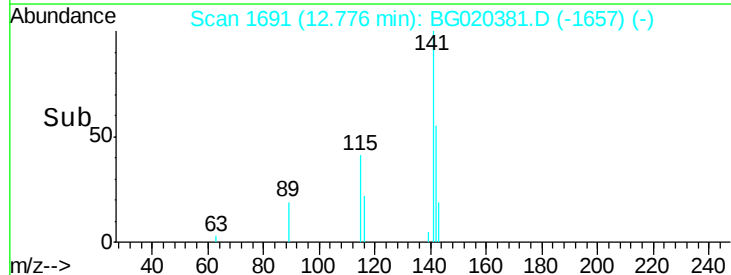
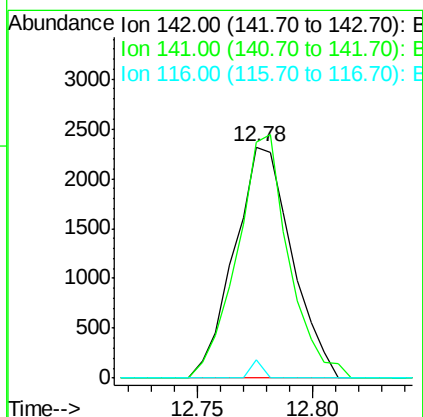
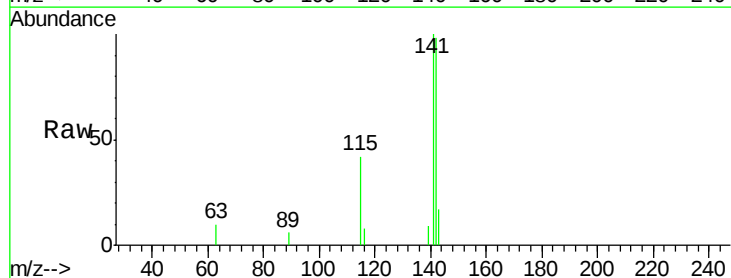
Instrument :
BNA_G
ClientSampleId :
D9N27DL

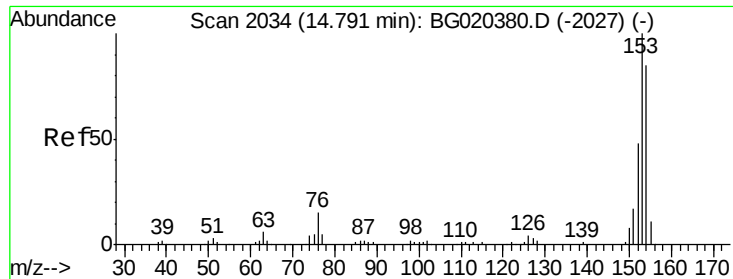
Tgt Ion:142 Resp: 8344
Ion Ratio Lower Upper
142 100
141 88.7 74.9 112.3



#35
1-Methylnaphthalene
Concen: 1.36 ng/ul
RT: 12.78 min Scan# 1691
Delta R.T. 0.00 min
Lab File: BG020381.D
Acq: 21 Dec 2015 17:48

Tgt Ion:142 Resp: 4022
Ion Ratio Lower Upper
142 100
141 102.3 73.0 109.6
116 7.9 3.0 4.6#





#50

Acenaphthene

Concen: 2.71 ng/ul

RT: 14.79 min Scan# 2034

Delta R.T. 0.00 min

Lab File: BG020381.D

Acq: 21 Dec 2015 17:48

Instrument :

BNA_G

ClientSampleId :

D9N27DL

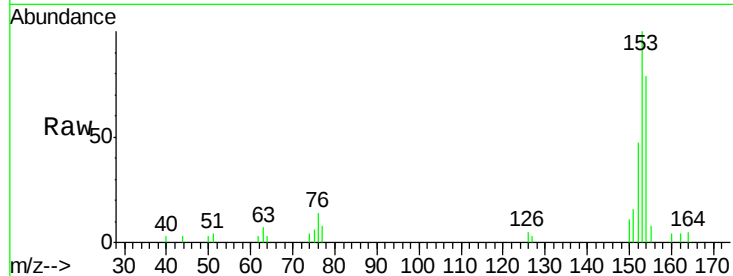
Tgt Ion:153 Resp: 9119

Ion Ratio Lower Upper

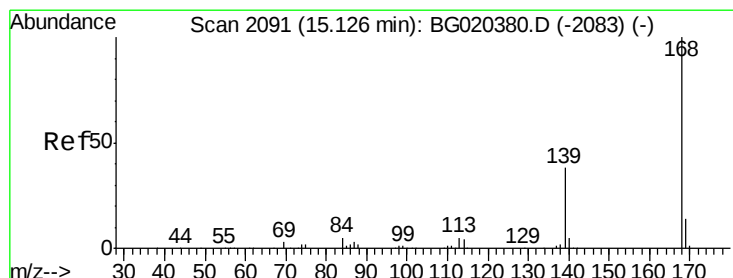
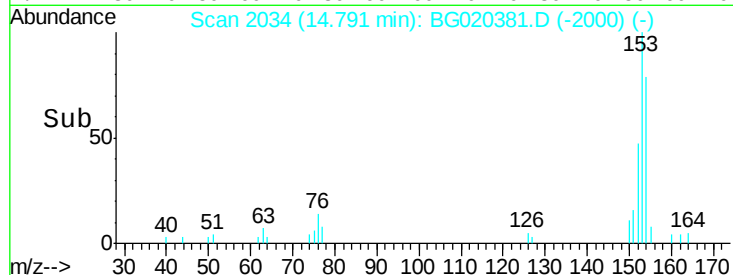
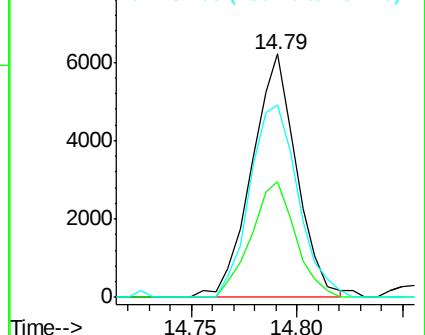
153 100

152 47.2 37.6 56.4

154 79.2 67.9 101.9



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

Dibenzofuran

Concen: 1.58 ng/ul

RT: 15.13 min Scan# 2091

Delta R.T. 0.00 min

Lab File: BG020381.D

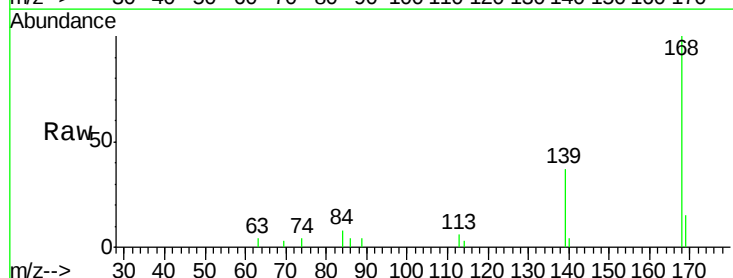
Acq: 21 Dec 2015 17:48

Tgt Ion:168 Resp: 7897

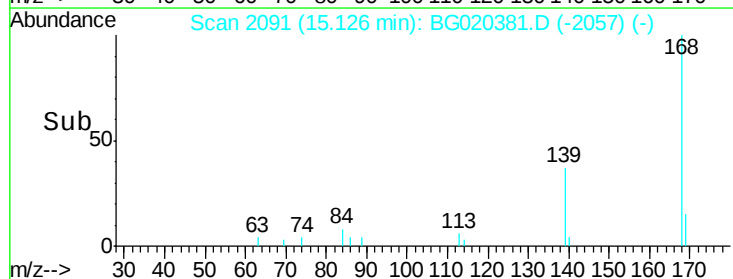
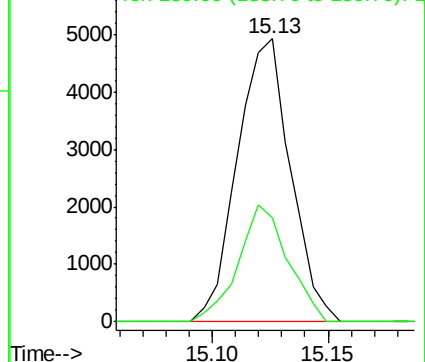
Ion Ratio Lower Upper

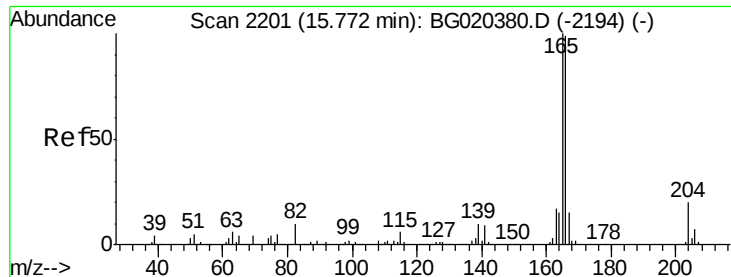
168 100

139 36.7 30.5 45.7



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E





#59

Fluorene

Concen: 1.54 ng/ul

RT: 15.77 min Scan# 2200

Delta R.T. -0.01 min

Lab File: BG020381.D

Acq: 21 Dec 2015 17:48

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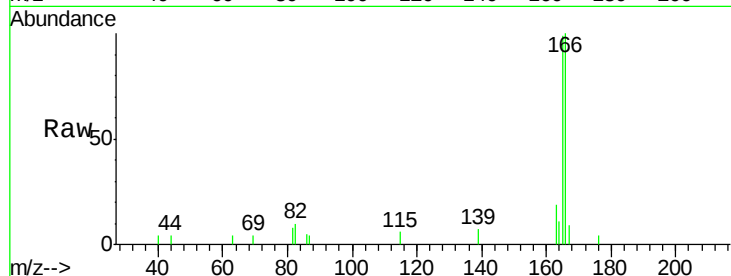
Tgt Ion:166 Resp: 6174

Ion Ratio Lower Upper

166 100

165 98.6 81.4 122.0

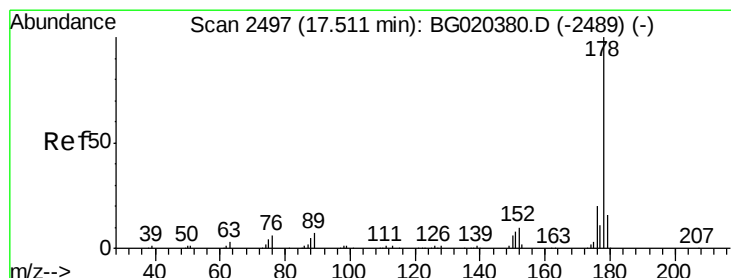
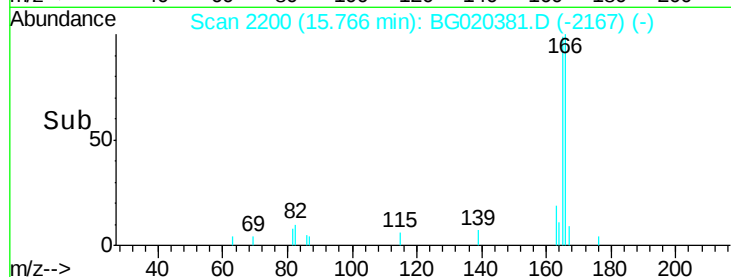
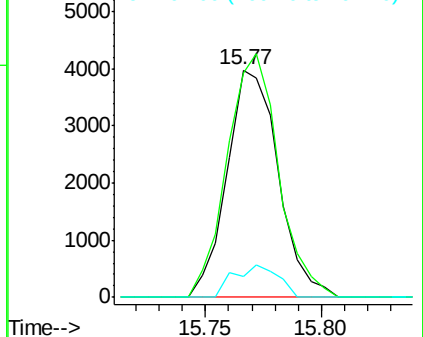
167 9.2 11.2 16.8#



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: 2.70 ng/ul

RT: 17.51 min Scan# 2497

Delta R.T. 0.00 min

Lab File: BG020381.D

Acq: 21 Dec 2015 17:48

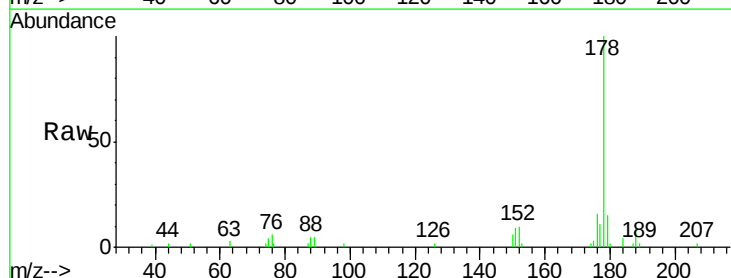
Tgt Ion:178 Resp: 17264

Ion Ratio Lower Upper

178 100

179 15.3 12.9 19.3

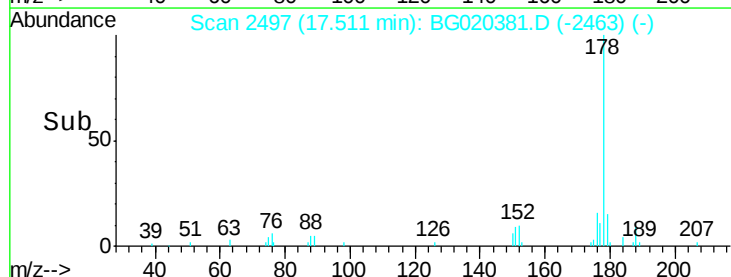
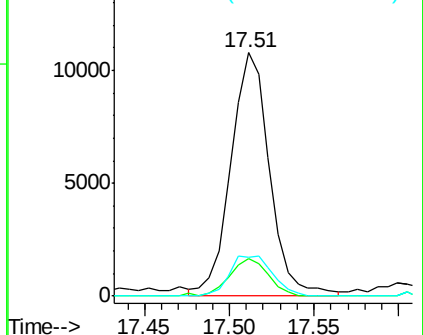
176 16.1 15.3 22.9

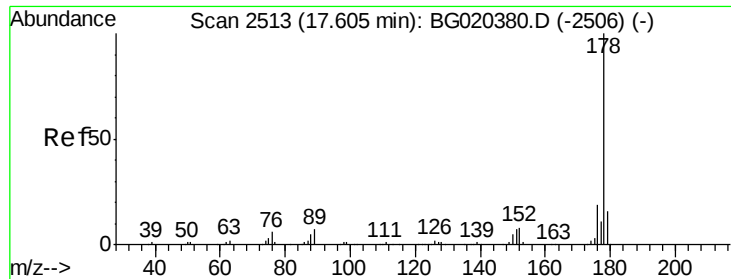


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#72

Anthracene

Concen: 2.56 ng/ul

RT: 17.51 min Scan# 2497

Delta R.T. -0.09 min

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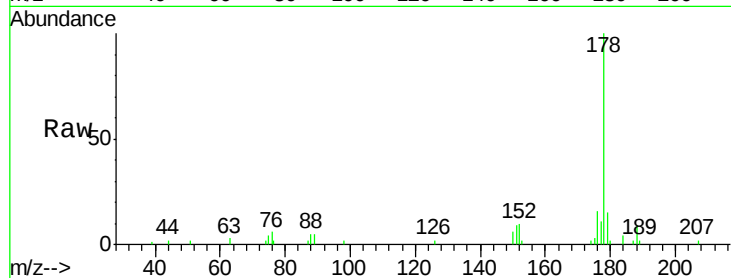
Tgt Ion:178 Resp: 16603

Ion Ratio Lower Upper

178 100

179 15.3 12.3 18.5

176 16.1 14.3 21.5



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

