

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122115\
 Data File : BG020388.D
 Acq On : 21 Dec 2015 22:21
 Operator : UM/SJ
 Sample : G4768-14DL 25X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9N38DL

Quant Time: Dec 22 02:04:36 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	18709	20.00	ng/ul	0.00
18) Naphthalene-d8	10.91	136	82139	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.72	164	51805	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.47	188	125189	20.00	ng/ul	0.00
78) Chrysene-d12	21.74	240	143453	20.00	ng/ul	0.00
86) Perylene-d12	25.02	264	112079	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	0	0.00	ng/uL	
5) Phenol-d5	7.26	99	292	0.18	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.41	67	1165	1.18	ng/ul	0.00
9) 2-Chlorophenol-d4	7.63	132	1231	1.03	ng/ul	0.00
13) 4-Methylphenol-d8	8.81	113	856	0.61	ng/ul	0.00
19) Nitrobenzene-d5	9.26	128	676	1.06	ng/ul	0.00
22) 2-Nitrophenol-d4	9.99	143	791	1.11	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.53	165	1481	1.03	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0	0.00	ng/ul	
44) Dimethylphthalate-d6	14.12	166	5679	1.36	ng/ul	0.00
47) Acenaphthylene-d8	14.42	160	7291	1.50	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
58) Fluorene-d10	15.72	176	5475	1.44	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
71) Anthracene-d10	17.47	188	125189	21.70	ng/ul	-0.10
79) Pyrene-d10	19.85	212	9610	1.44	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.79	264	6726	1.20	ng/ul	0.00

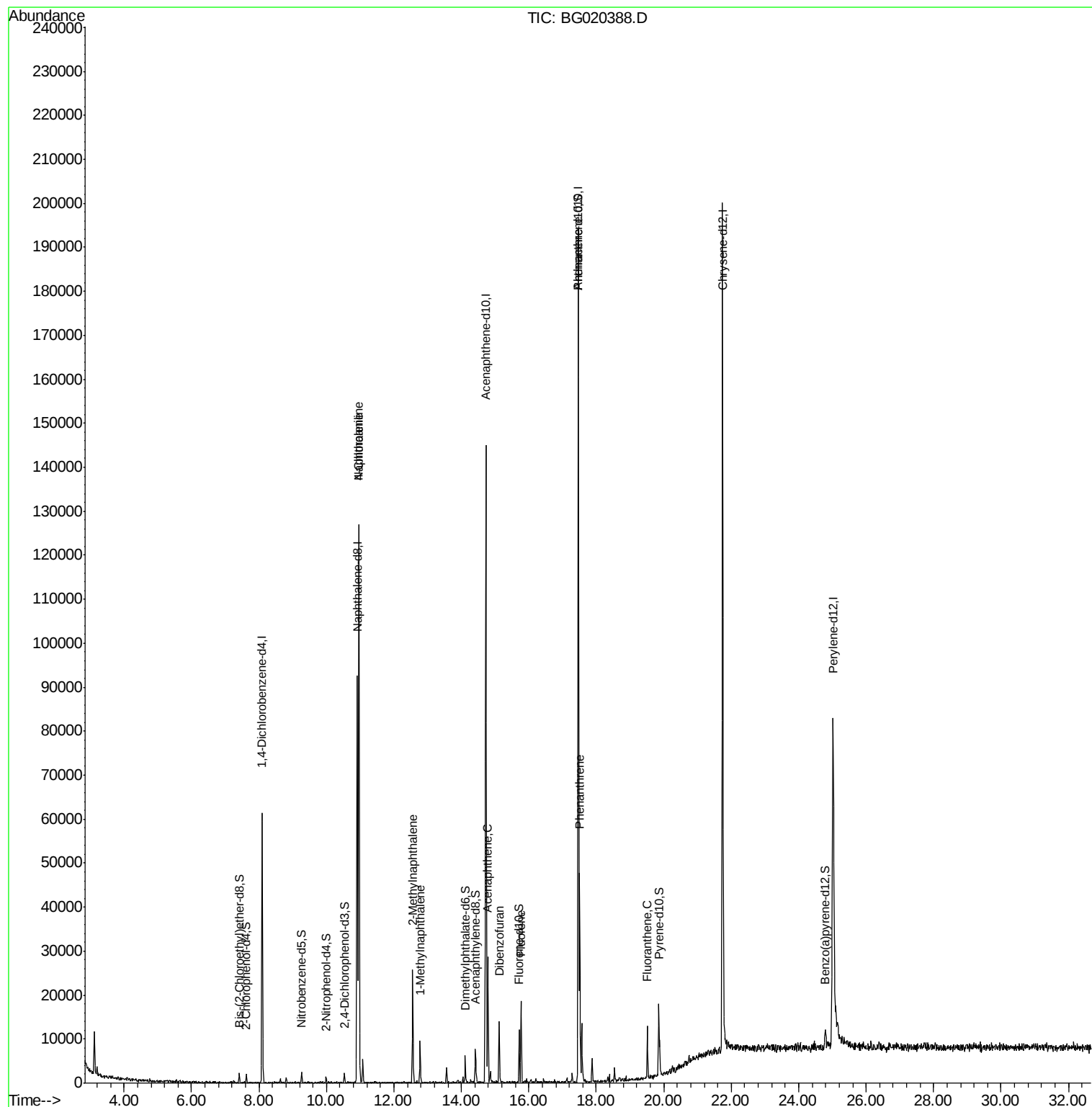
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
28) Naphthalene	10.96	128	112009	26.11	ng/ul	98
30) 4-Chloroaniline	10.96	127	15000	9.06	ng/ul#	9
34) 2-Methylnaphthalene	12.55	142	13204	4.03	ng/ul	97
35) 1-Methylnaphthalene	12.78	142	5421	1.72	ng/ul#	93
50) Acenaphthene	14.79	153	12563	3.60	ng/ul	96
54) Dibenzofuran	15.12	168	10801	2.08	ng/ul	98
59) Fluorene	15.77	166	9598	2.31	ng/ul	99
70) Phenanthrene	17.51	178	30777	4.49	ng/ul	100
77) Fluoranthene	19.52	202	9149	1.14	ng/ul#	96

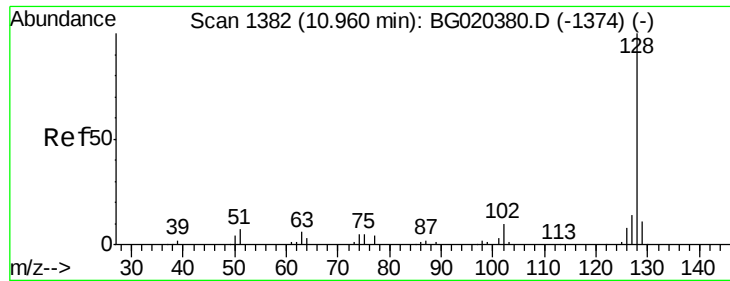
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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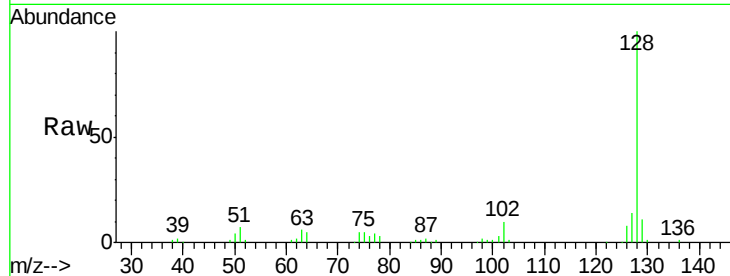




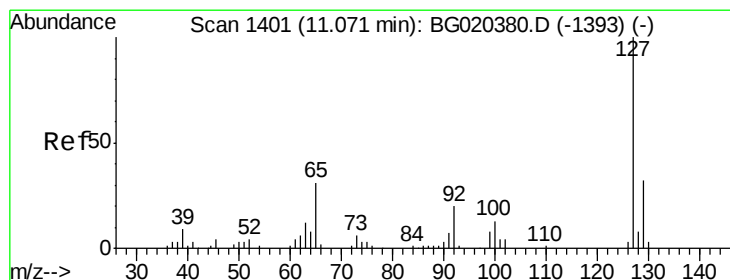
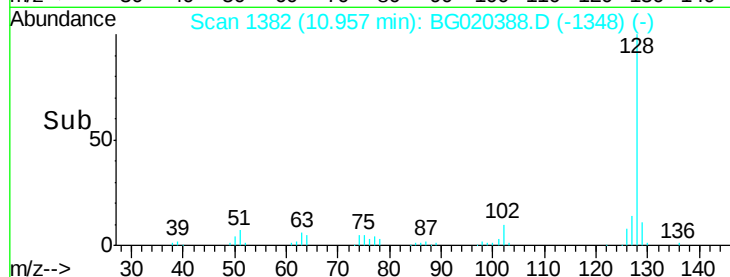
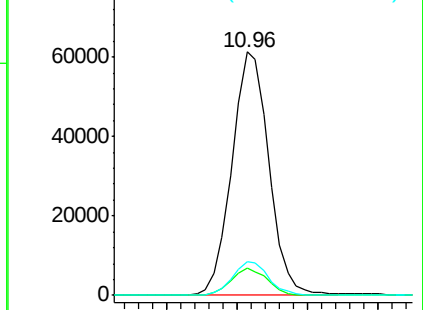
#28
Naphthalene
Concen: 26.11 ng/ul
RT: 10.96 min Scan# 1382
Delta R.T. -0.00 min
Lab File: BG020388.D
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Instrument :
BNA_G
ClientSampleId :
D9N38DL

Tgt Ion:128 Resp: 112009
Ion Ratio Lower Upper
128 100
129 11.3 8.6 12.8
127 13.6 10.1 15.1

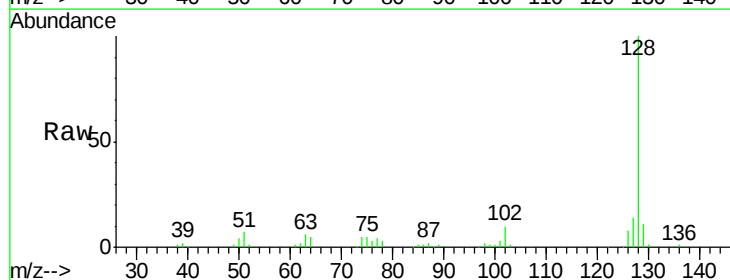


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

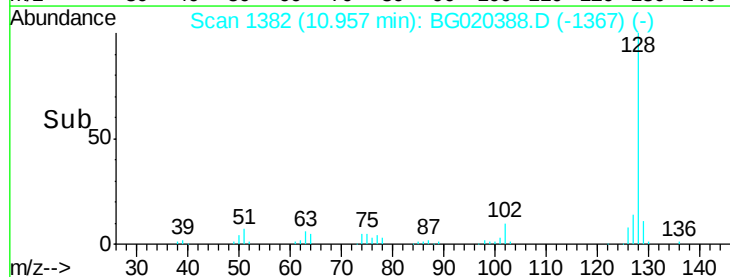
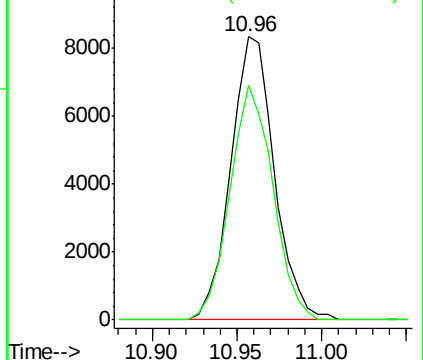


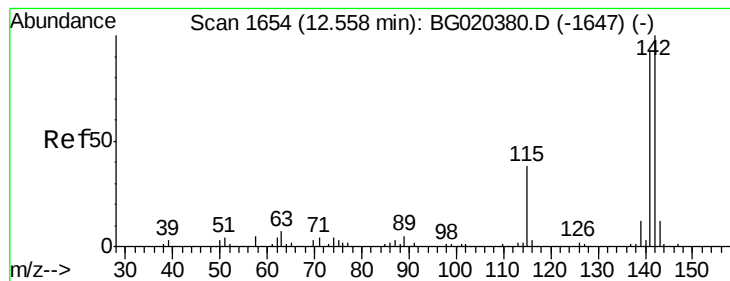
#30
4-Chloroaniline
Concen: 9.06 ng/ul
RT: 10.96 min Scan# 1382
Delta R.T. -0.11 min
Lab File: BG020388.D
Acq: 21 Dec 2015 22:21

Tgt Ion:127 Resp: 15000
Ion Ratio Lower Upper
127 100
129 82.9 25.7 38.5#



Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E





#34

2-Methylnaphthalene

Concen: 4.03 ng/ul

RT: 12.55 min Scan# 1654

Delta R.T. -0.00 min

Lab File: BG020388.D

Acq: 21 Dec 2015 22:21

Instrument :

BNA_G

ClientSampleId :

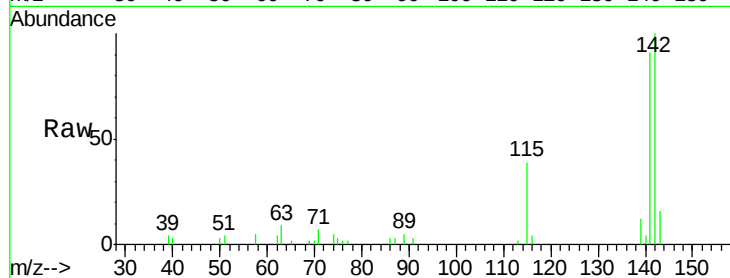
D9N38DL

Tgt Ion:142 Resp: 13204

Ion Ratio Lower Upper

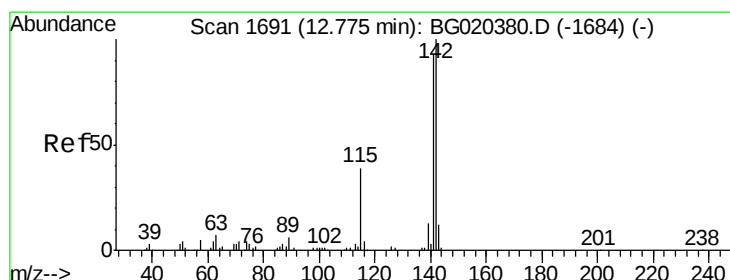
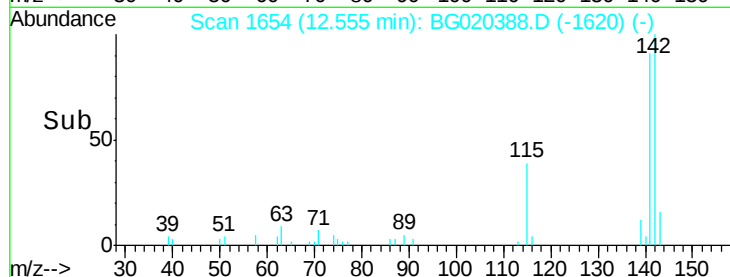
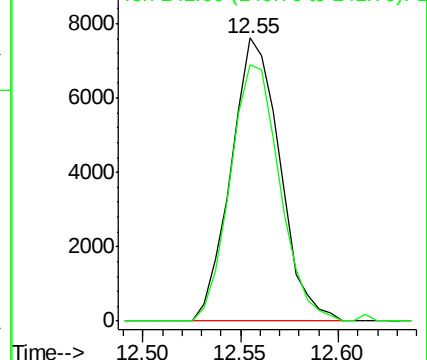
142 100

141 90.7 74.9 112.3



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E



#35

1-Methylnaphthalene

Concen: 1.72 ng/ul

RT: 12.78 min Scan# 1692

Delta R.T. 0.00 min

Lab File: BG020388.D

Acq: 21 Dec 2015 22:21

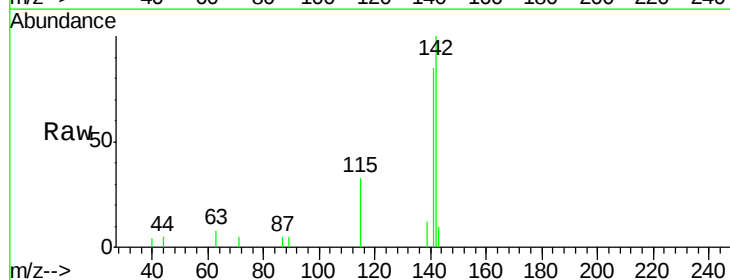
Tgt Ion:142 Resp: 5421

Ion Ratio Lower Upper

142 100

141 84.9 73.0 109.6

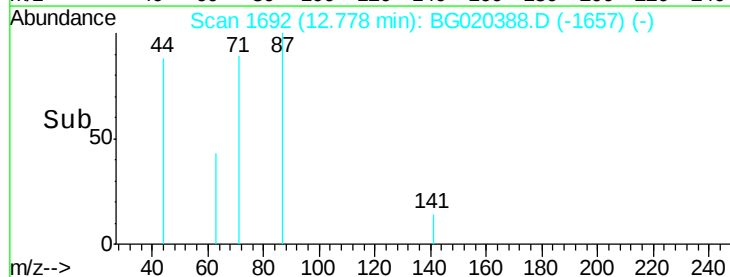
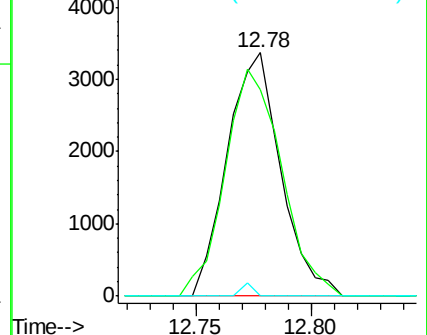
116 0.0 3.0 4.6#

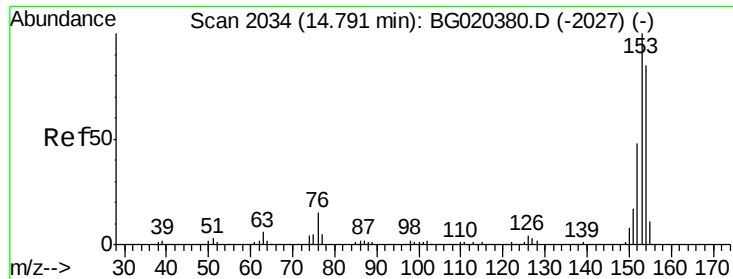


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#50

Acenaphthene

Concen: 3.60 ng/ul

RT: 14.79 min Scan# 2034

Delta R.T. -0.00 min

Lab File: BG020388.D

Acq: 21 Dec 2015 22:21

Instrument :

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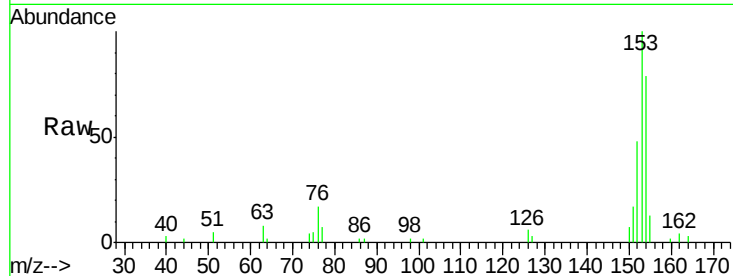
Tgt Ion:153 Resp: 12563

Ion Ratio Lower Upper

153 100

152 47.6 37.6 56.4

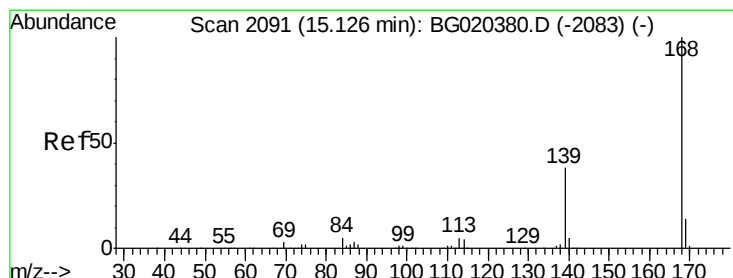
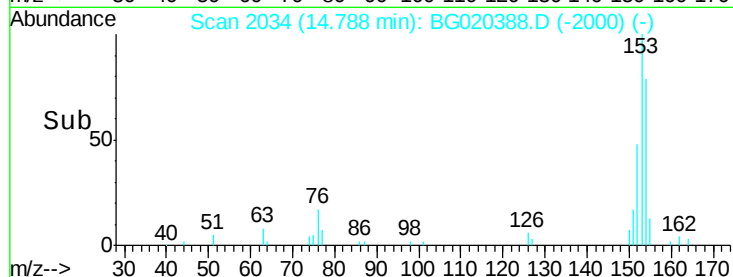
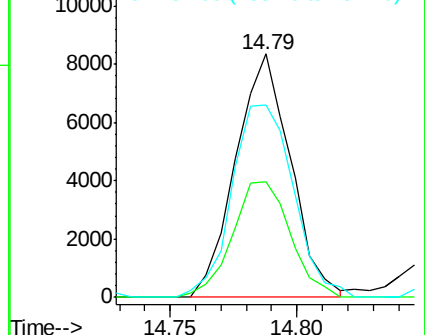
154 79.3 67.9 101.9



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: 2.08 ng/ul

RT: 15.12 min Scan# 2091

Delta R.T. -0.00 min

Lab File: BG020388.D

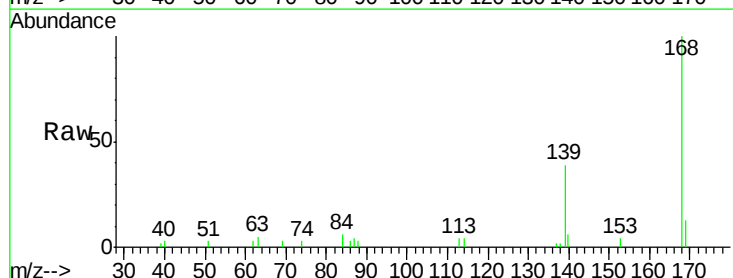
Acq: 21 Dec 2015 22:21

Tgt Ion:168 Resp: 10801

Ion Ratio Lower Upper

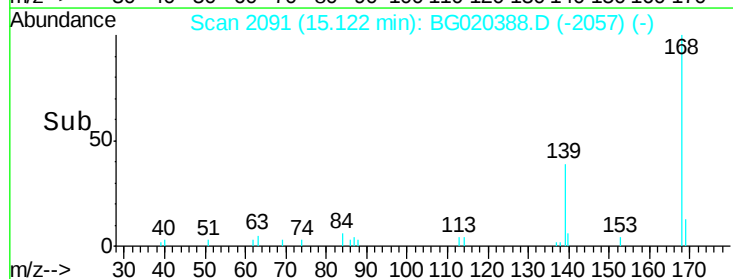
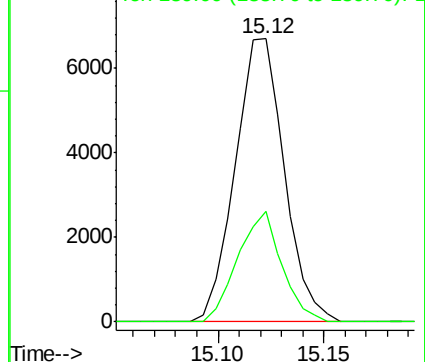
168 100

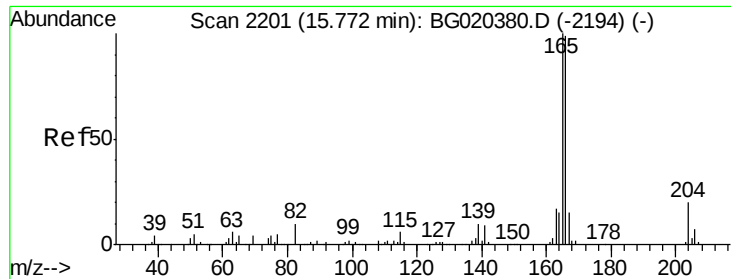
139 39.1 30.5 45.7



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E





#59

Fluorene

Concen: 2.31 ng/ul

RT: 15.77 min Scan# 2201

Delta R.T. -0.00 min

Lab File: BG020388.D

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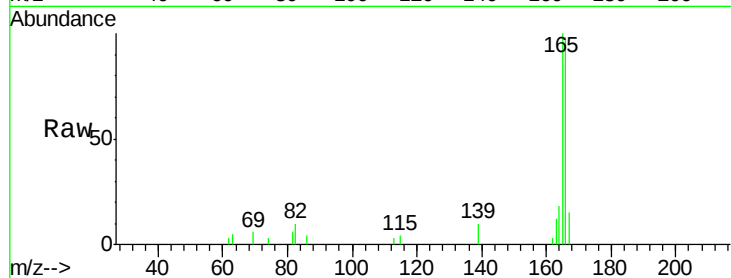
Tgt Ion:166 Resp: 9598

Ion Ratio Lower Upper

166 100

165 102.0 81.4 122.0

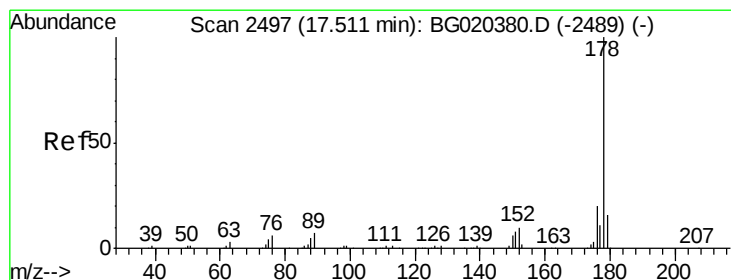
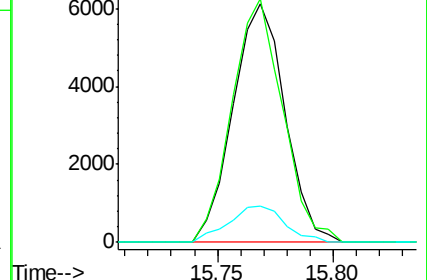
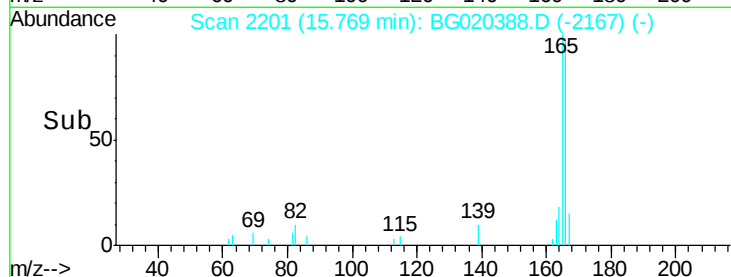
167 15.2 11.2 16.8



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: 4.49 ng/ul

RT: 17.51 min Scan# 2497

Delta R.T. -0.00 min

Lab File: BG020388.D

Acq: 21 Dec 2015 22:21

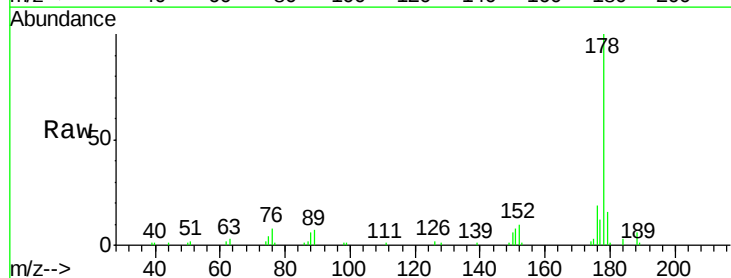
Tgt Ion:178 Resp: 30777

Ion Ratio Lower Upper

178 100

179 15.7 12.9 19.3

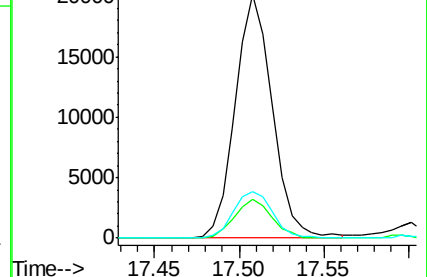
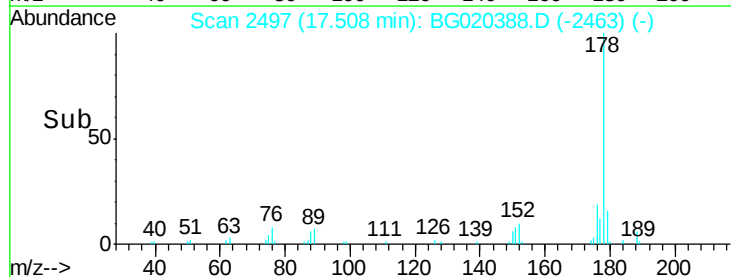
176 19.1 15.3 22.9

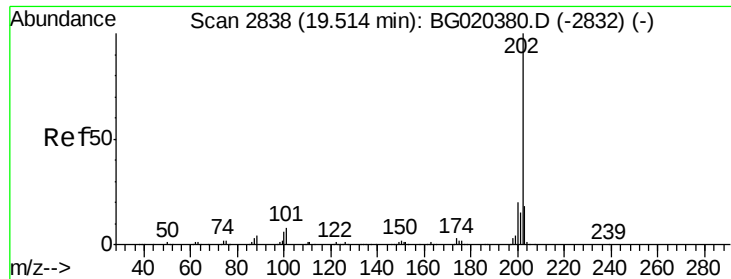


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#77

Fluoranthene

Concen: 1.14 ng/ul

RT: 19.52 min Scan# 2839

Delta R.T. 0.00 min

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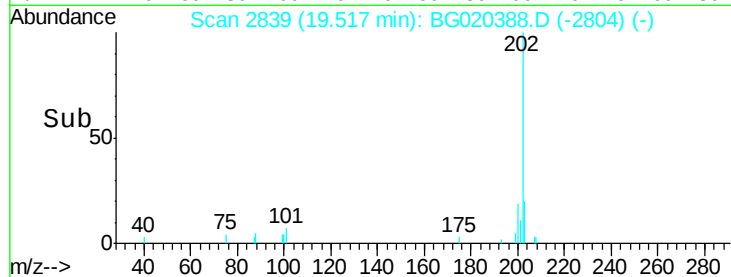
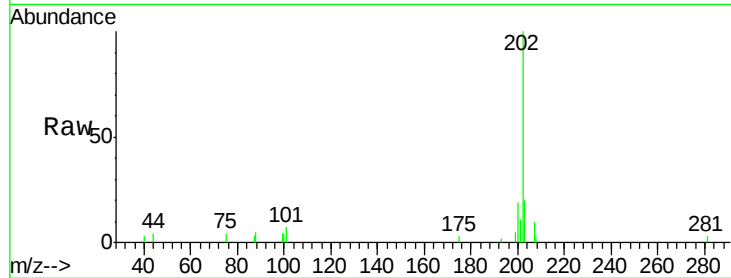
Tgt Ion: 202 Resp: 9149

Ion Ratio Lower Upper

202 100

101 7.4 6.2 9.4

100 4.2 5.1 7.7#



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): B

