

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121515\
 Data File : BG020161.D
 Acq On : 14 Dec 2015 20:18
 Operator : UM/SJ
 Sample : G4767-11
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9N33

Quant Time: Dec 15 04:28:19 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Dec 15 04:25:21 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	21572	20.00	ng/ul	0.00
18) Naphthalene-d8	10.92	136	97909	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.73	164	74105	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.47	188	190253	20.00	ng/ul	0.00
78) Chrysene-d12	21.74	240	206141	20.00	ng/ul	0.00
86) Perylene-d12	25.01	264	192823	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.47	96	2301	5.89	ng/uL	0.00
5) Phenol-d5	7.25	99	55251	29.05	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.42	67	34102	30.05	ng/ul	0.00
9) 2-Chlorophenol-d4	7.63	132	41567	30.04	ng/ul	0.00
13) 4-Methylphenol-d8	8.80	113	49762	30.59	ng/ul	0.00
19) Nitrobenzene-d5	9.27	128	23244	30.46	ng/ul	0.00
22) 2-Nitrophenol-d4	9.99	143	27004	31.80	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.53	165	51741	30.08	ng/ul	0.00
29) 4-Chloroaniline-d4	11.05	131	65852	34.08	ng/ul	0.00
44) Dimethylphthalate-d6	14.13	166	192185	32.06	ng/ul	0.00
47) Acenaphthylene-d8	14.42	160	210223	30.14	ng/ul	0.00
52) 4-Nitrophenol-d4	14.91	143	30211	28.10	ng/ul	0.00
58) Fluorene-d10	15.72	176	157060	28.89	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.82	200	28724	25.47	ng/ul	0.00
71) Anthracene-d10	17.57	188	252942	28.85	ng/ul	0.00
79) Pyrene-d10	19.85	212	277096	28.84	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.79	264	276417	28.74	ng/ul	0.00

Target Compounds

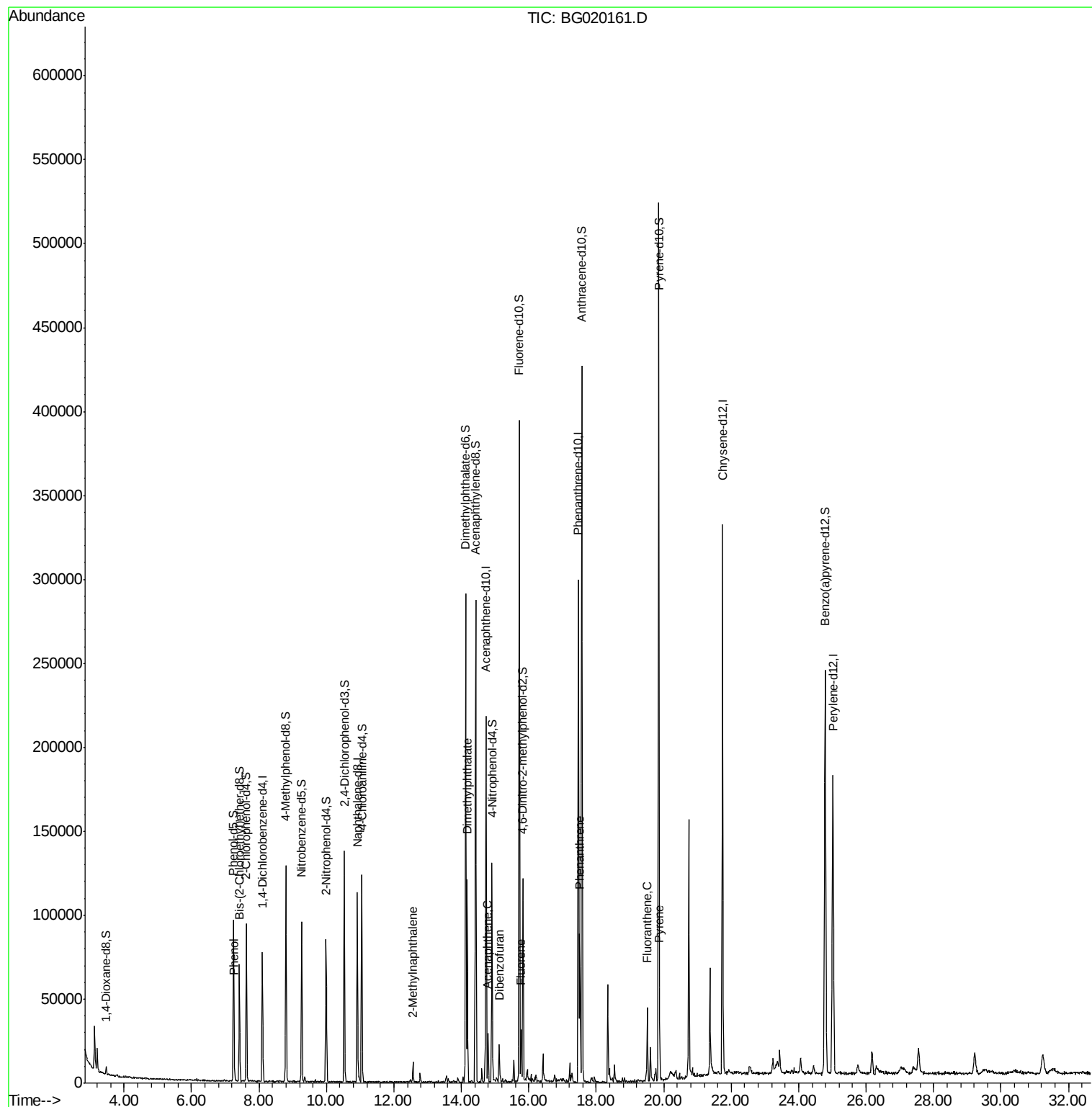
						Qvalue
6) Phenol	7.27	94	2039	1.00	ng/ul#	69
34) 2-Methylnaphthalene	12.56	142	5944	1.52	ng/ul	95
45) Dimethylphthalate	14.17	163	77177	12.61	ng/ul	98
50) Acenaphthene	14.79	153	13039	2.62	ng/ul	98
54) Dibenzofuran	15.12	168	14218	1.92	ng/ul	98
59) Fluorene	15.77	166	13494	2.27	ng/ul	98
70) Phenanthrene	17.52	178	58317	5.60	ng/ul	98
77) Fluoranthene	19.51	202	29512	2.43	ng/ul	98
80) Pyrene	19.88	202	20620	1.65	ng/ul#	96

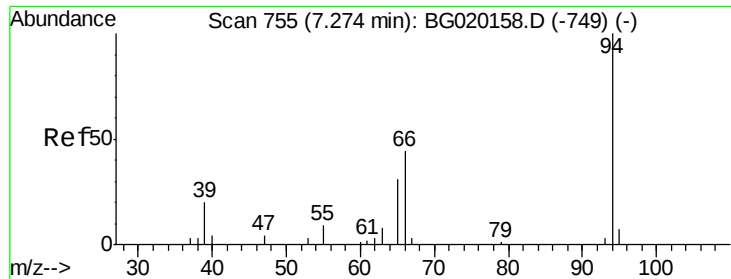
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 1.00 ng/ul

RT: 7.27 min Scan# 754

Delta R.T. -0.01 min

Lab File: BG020161.D

Acq: 14 Dec 2015 20:18

Instrument :

BNA_G

ClientSampleId :

D9N33

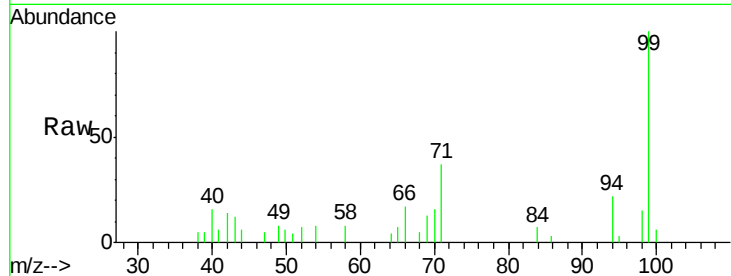
Tgt Ion: 94 Resp: 2039

Ion Ratio Lower Upper

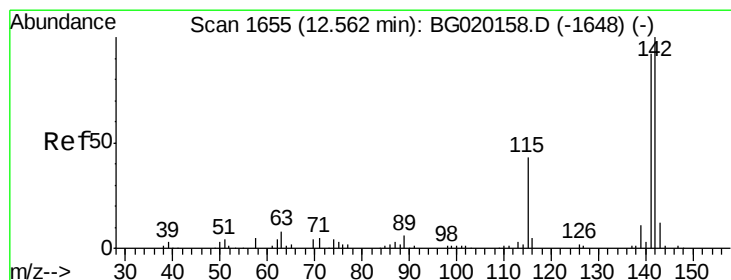
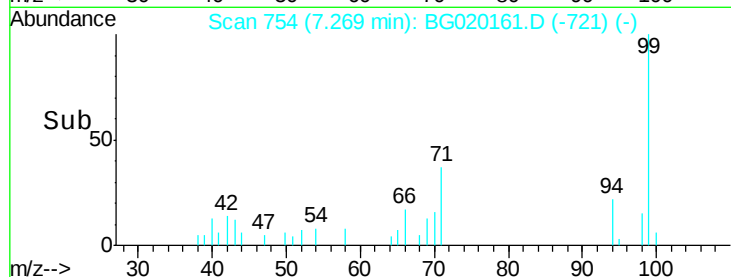
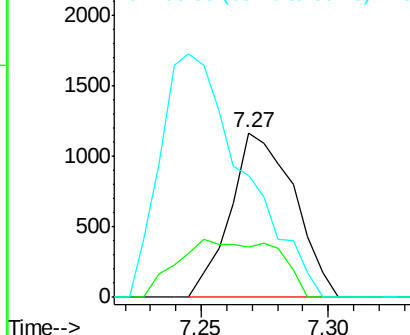
94 100

65 30.5 26.3 39.5

66 74.1 33.3 49.9#



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC



#34

2-Methylnaphthalene

Concen: 1.52 ng/ul

RT: 12.56 min Scan# 1655

Delta R.T. 0.00 min

Lab File: BG020161.D

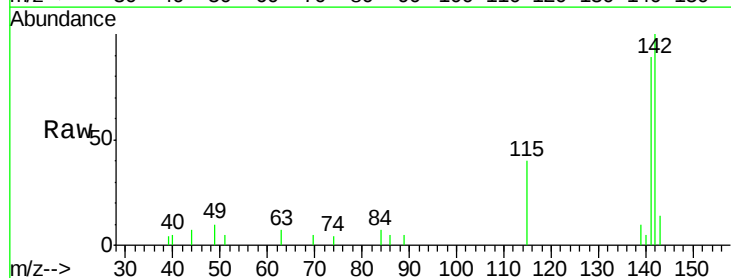
Acq: 14 Dec 2015 20:18

Tgt Ion:142 Resp: 5944

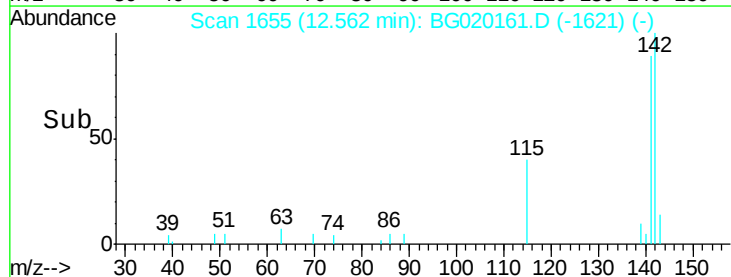
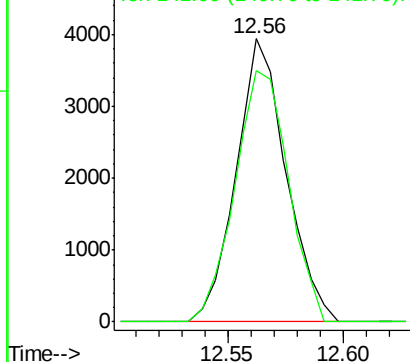
Ion Ratio Lower Upper

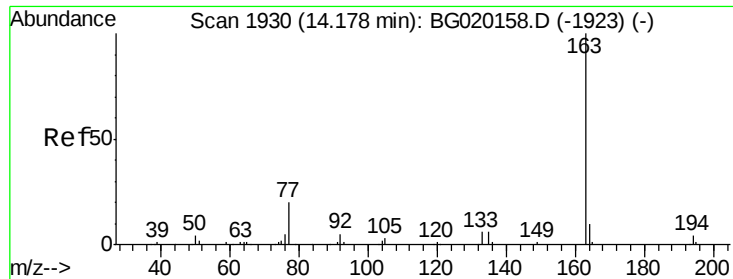
142 100

141 88.6 74.9 112.3



Abundance Ion 142.00 (141.70 to 142.70): BGC
Ion 141.00 (140.70 to 141.70): BGC





#45

Dimethylphthalate

Concen: 12.61 ng/ul

RT: 14.17 min Scan# 1929

Delta R.T. -0.01 min

Lab File: BG020161.D

Acq: 14 Dec 2015 20:18

Instrument :

BNA_G

ClientSampleId :

D9N33

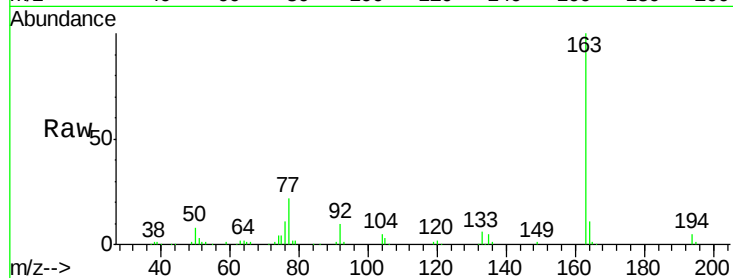
Tgt Ion:163 Resp: 77177

Ion Ratio Lower Upper

163 100

194 4.5 3.5 5.3

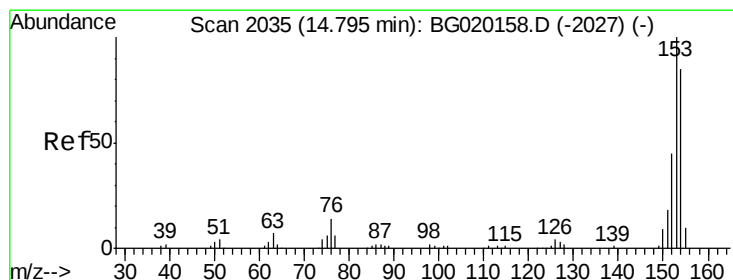
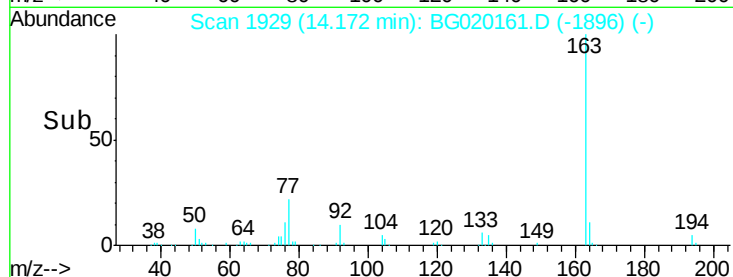
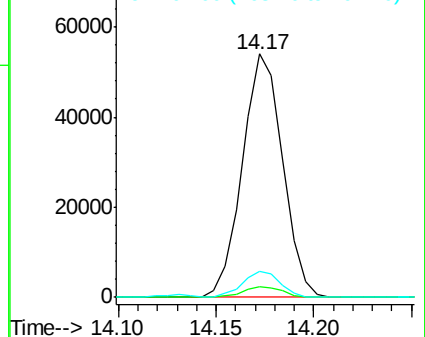
164 10.6 7.7 11.5



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



#50

Acenaphthene

Concen: 2.62 ng/ul

RT: 14.79 min Scan# 2034

Delta R.T. -0.01 min

Lab File: BG020161.D

Acq: 14 Dec 2015 20:18

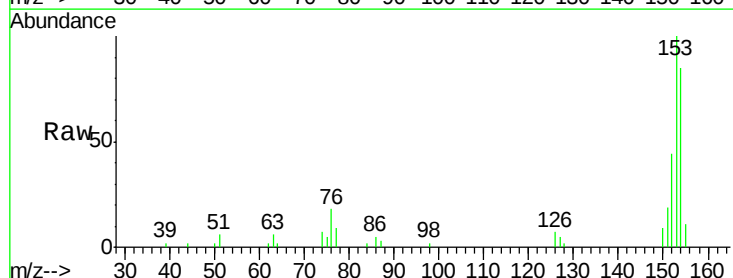
Tgt Ion:153 Resp: 13039

Ion Ratio Lower Upper

153 100

152 43.9 37.6 56.4

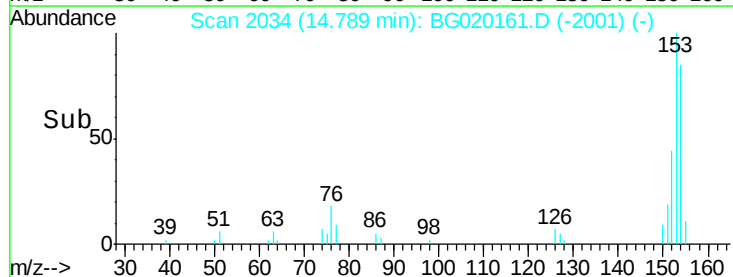
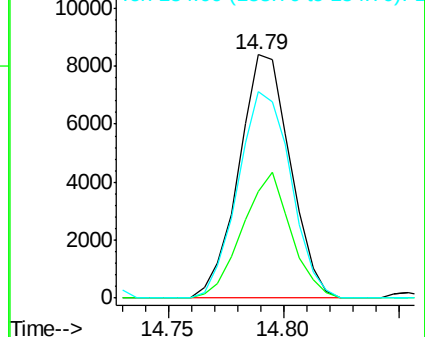
154 84.8 67.9 101.9

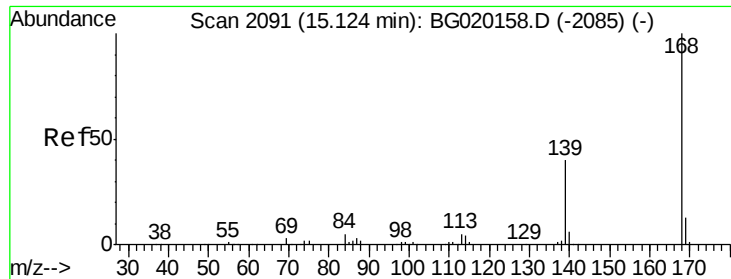


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#54

Dibenzenofuran

Concen: 1.92 ng/ul

RT: 15.12 min Scan# 2091

Delta R.T. 0.00 min

Lab File: BG020161.D

Acq: 14 Dec 2015 20:18

Instrument :

BNA_G

ClientSampleId :

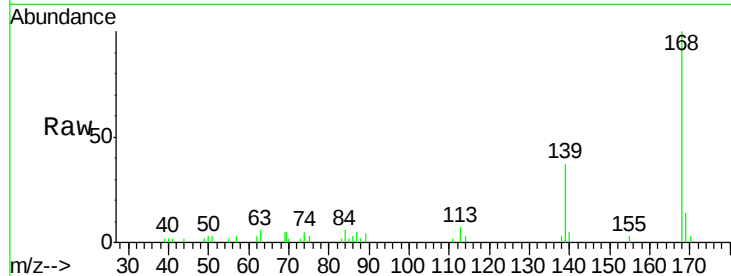
D9N33

Tgt Ion:168 Resp: 14218

Ion Ratio Lower Upper

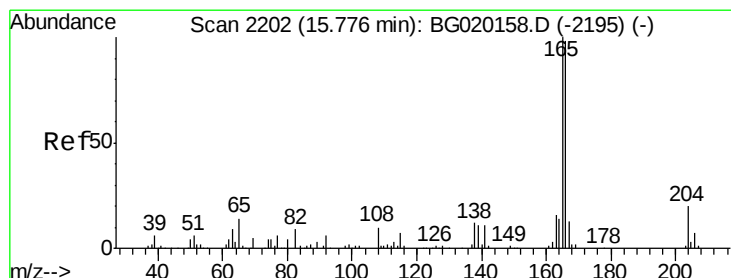
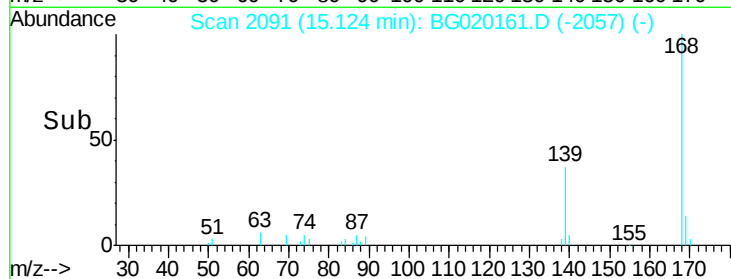
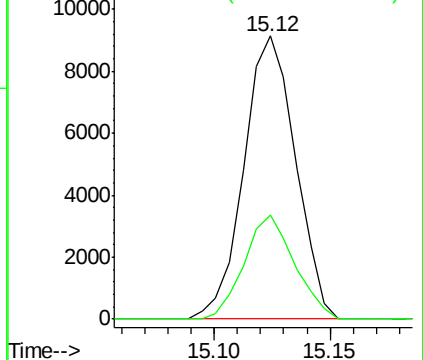
168 100

139 37.0 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: 2.27 ng/ul

RT: 15.77 min Scan# 2201

Delta R.T. -0.01 min

Lab File: BG020161.D

Acq: 14 Dec 2015 20:18

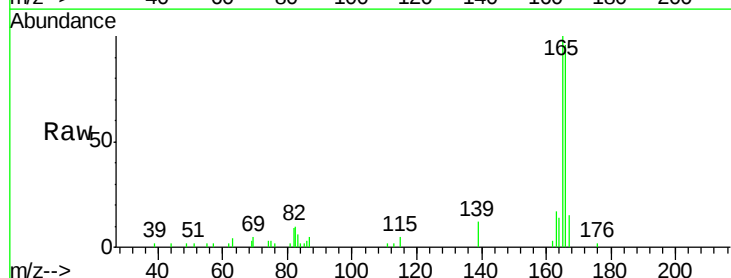
Tgt Ion:166 Resp: 13494

Ion Ratio Lower Upper

166 100

165 103.7 81.4 122.0

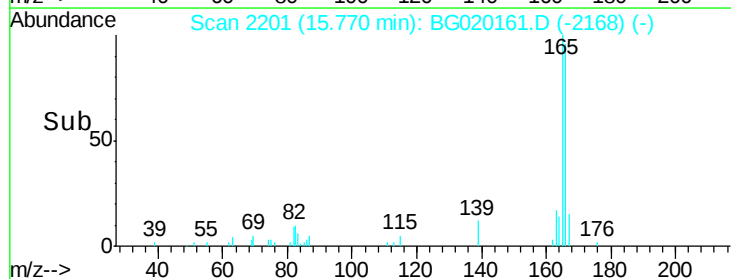
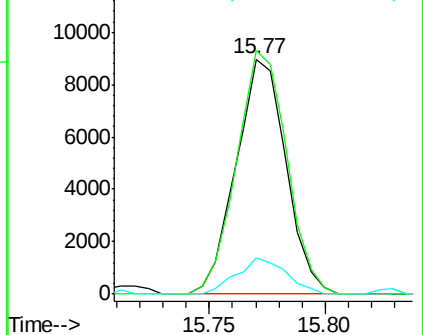
167 15.4 11.2 16.8

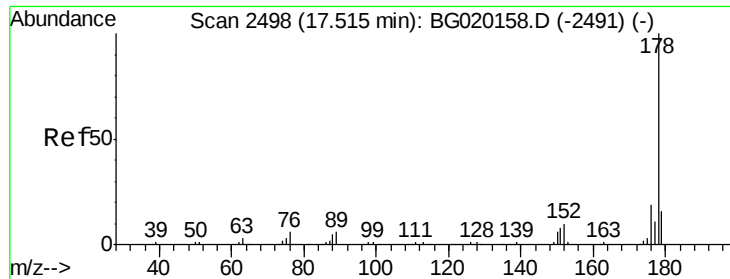


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#70

Phenanthrene

Concen: 5.60 ng/ul

RT: 17.52 min Scan# 2498

Delta R.T. 0.00 min

Lab File: BG020161.D

Acq: 14 Dec 2015 20:18

Instrument :

BNA_G

ClientSampleId :

D9N33

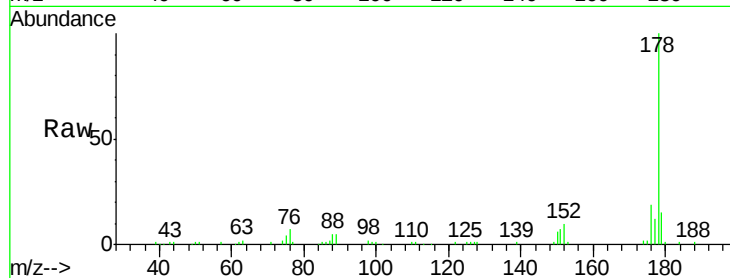
Tgt Ion:178 Resp: 58317

Ion Ratio Lower Upper

178 100

179 15.2 12.9 19.3

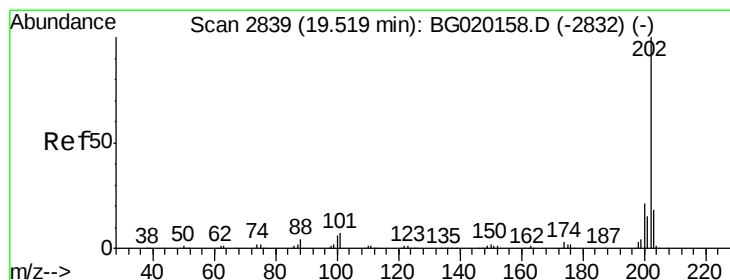
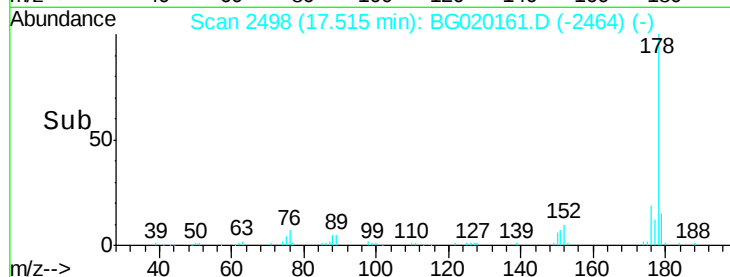
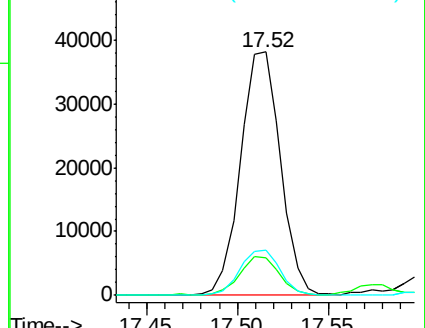
176 18.7 15.3 22.9



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: 2.43 ng/ul

RT: 19.51 min Scan# 2838

Delta R.T. -0.01 min

Lab File: BG020161.D

Acq: 14 Dec 2015 20:18

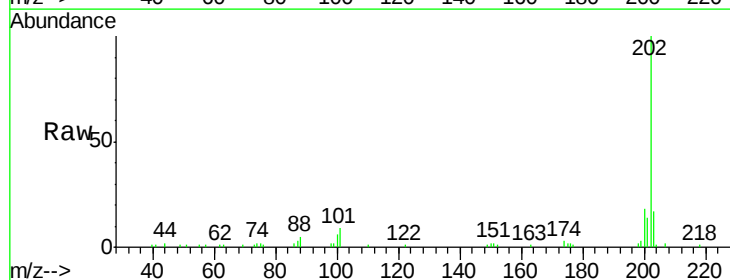
Tgt Ion:202 Resp: 29512

Ion Ratio Lower Upper

202 100

101 8.6 6.2 9.4

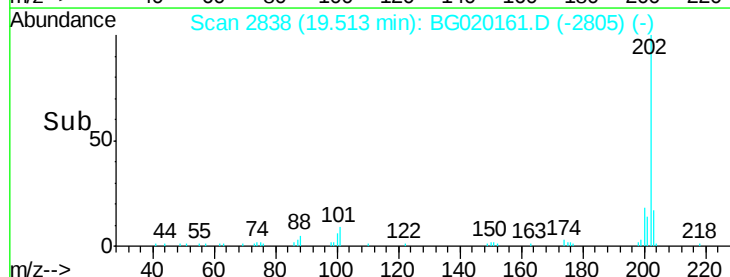
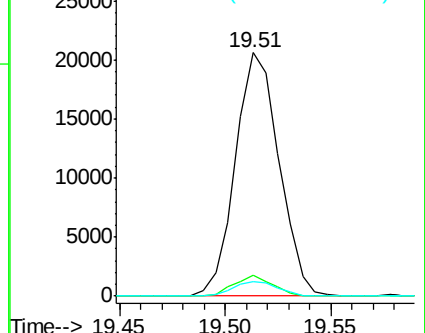
100 5.8 5.1 7.7

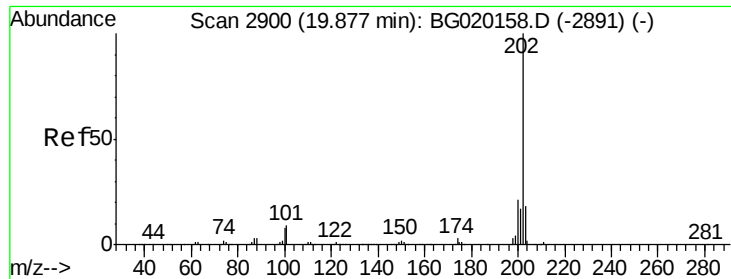


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

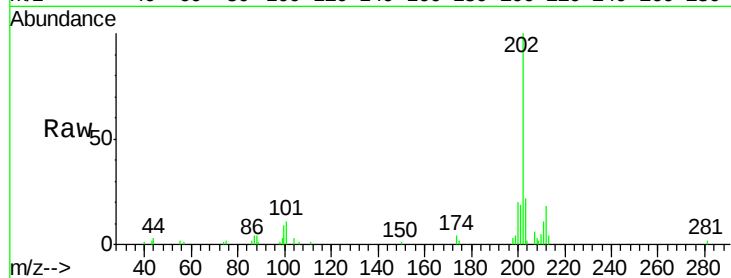




#80
 Pyrene
 Concen: 1.65 ng/ul
 RT: 19.88 min Scan# 2900
 Delta R.T. 0.00 min
 Lab File: BG020161.D
 Acq: 14 Dec 2015 20:18

Instrument :
 BNA_G
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Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.8	7.0	10.4
100	8.5	6.4	9.6



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

