

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121715\
 Data File : BG020222.D
 Acq On : 16 Dec 2015 14:12
 Operator : UM/SJ
 Sample : G4786-17DL 2X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 G9C90DL

Quant Time: Dec 17 00:43:15 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 17 00:37:15 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	18765	20.00	ng/ul	0.00
18) Naphthalene-d8	10.91	136	82332	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.72	164	66442	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.47	188	165718	20.00	ng/ul	0.00
78) Chrysene-d12	21.74	240	187625	20.00	ng/ul	0.00
86) Perylene-d12	25.01	264	174200	20.00	ng/ul	0.00

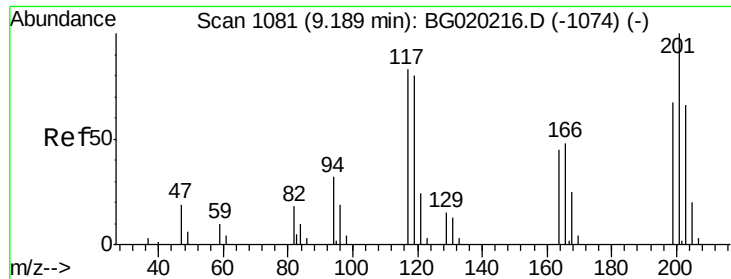
System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	7.25	99	5830	3.52	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.42	67	14461	14.65	ng/ul	0.00
9) 2-Chlorophenol-d4	7.62	132	15172	12.61	ng/ul	0.00
13) 4-Methylphenol-d8	8.80	113	11818	8.35	ng/ul	0.00
19) Nitrobenzene-d5	9.27	128	10981	17.11	ng/ul	0.00
22) 2-Nitrophenol-d4	9.99	143	11644	16.30	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.53	165	23045	15.93	ng/ul	0.00
29) 4-Chloroaniline-d4	10.96	131	3368	2.07	ng/ul	-0.09
44) Dimethylphthalate-d6	14.12	166	81233	15.12	ng/ul	0.00
47) Acenaphthylene-d8	14.42	160	95741	15.31	ng/ul	0.00
52) 4-Nitrophenol-d4	14.92	143	3266	3.39	ng/ul	0.00
58) Fluorene-d10	15.72	176	74908	15.37	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.82	200	14366	14.62	ng/ul	0.00
71) Anthracene-d10	17.57	188	123400	16.16	ng/ul	0.00
79) Pyrene-d10	19.85	212	137851	15.76	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.78	264	140383	16.16	ng/ul	0.00

Target Compounds

						Qvalue
17) Hexachloroethane	9.21	117	8151	15.39	ng/ul#	1
20) Nitrobenzene	9.29	77	1706	1.00	ng/ul#	1
24) 2,4-Dimethylphenol	10.07	107	27540	15.84	ng/ul	99
28) Naphthalene	10.96	128	171058	39.79	ng/ul	99
34) 2-Methylnaphthalene	12.56	142	50118	15.26	ng/ul	99
35) 1-Methylnaphthalene	12.78	142	55367	17.54	ng/ul#	87
50) Acenaphthene	14.79	153	14131	3.16	ng/ul	96
59) Fluorene	15.77	166	5825	1.09	ng/ul#	97

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



#17

Hexachloroethane

Concen: 15.39 ng/ul

RT: 9.21 min Scan# 1084

Delta R.T. 0.02 min

Lab File: BG020222.D

Acq: 16 Dec 2015 14:12

Instrument :

BNA_G

ClientSampleId :

G9C90DL

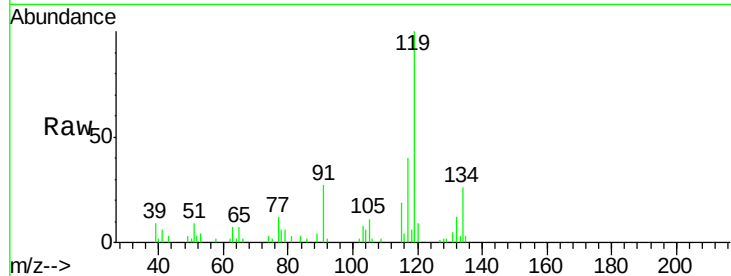
Tgt Ion: 117 Resp: 8151

Ion Ratio Lower Upper

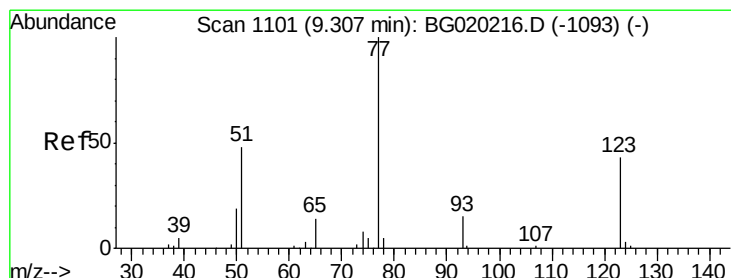
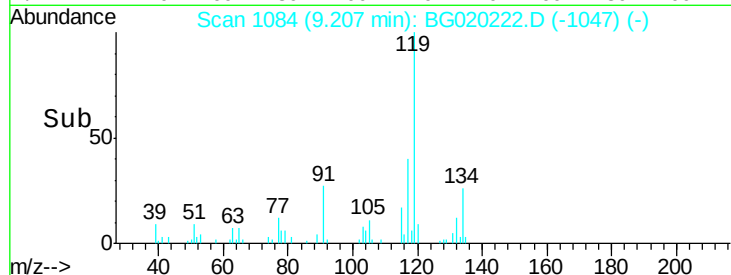
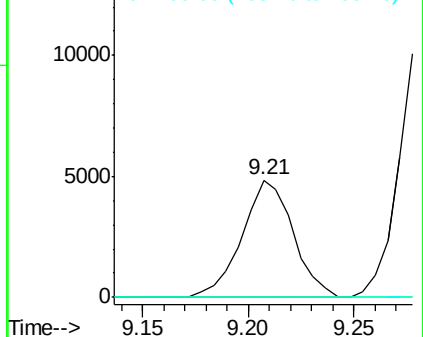
117 100

201 0.0 102.7 154.1#

199 0.0 65.8 98.8#



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 201.00 (200.70 to 201.70): E
Ion 199.00 (198.70 to 199.70): E



#20

Nitrobenzene

Concen: 1.00 ng/ul

RT: 9.29 min Scan# 1098

Delta R.T. -0.02 min

Lab File: BG020222.D

Acq: 16 Dec 2015 14:12

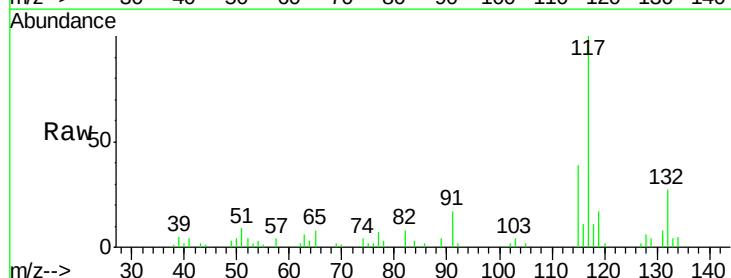
Tgt Ion: 77 Resp: 1706

Ion Ratio Lower Upper

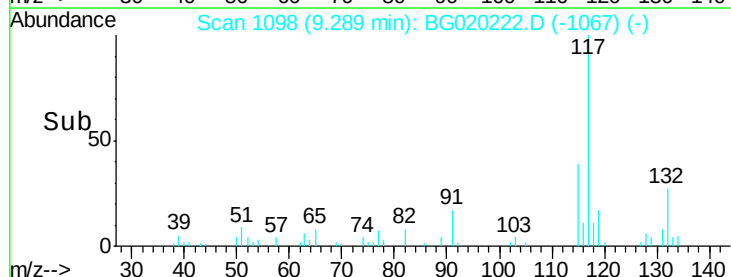
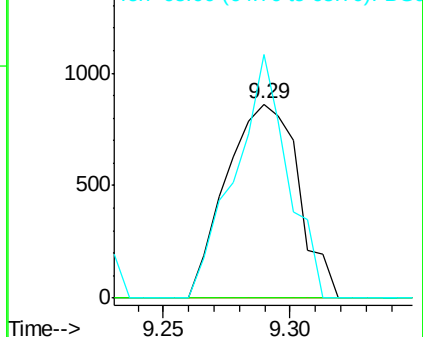
77 100

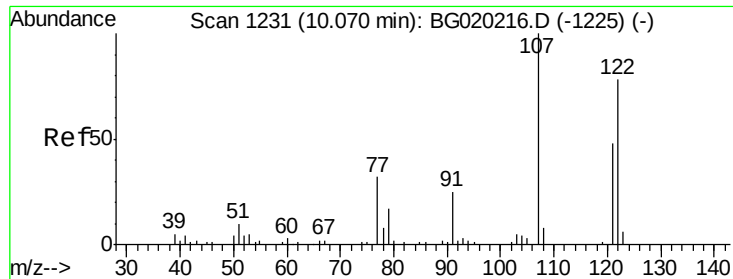
123 0.0 33.4 50.0#

65 125.7 11.7 17.5#



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 123.00 (122.70 to 123.70): E
Ion 65.00 (64.70 to 65.70): BGC

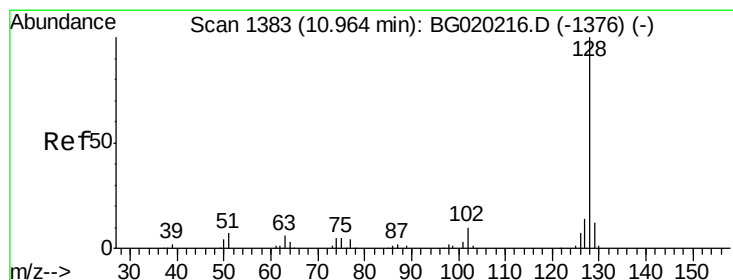
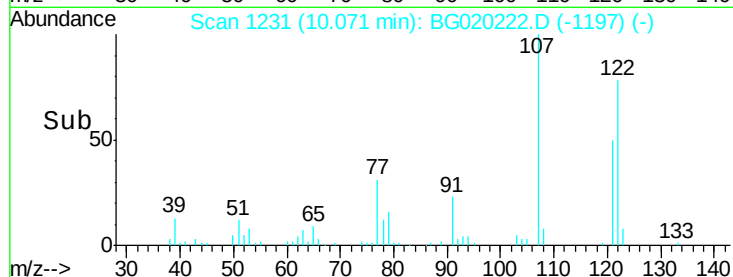
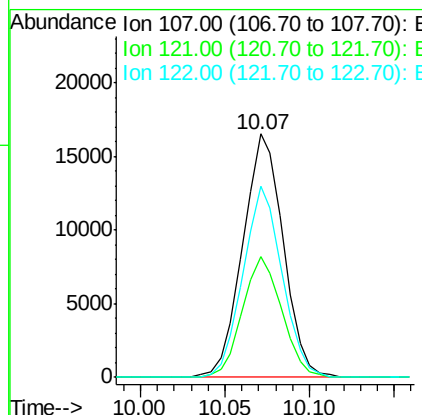
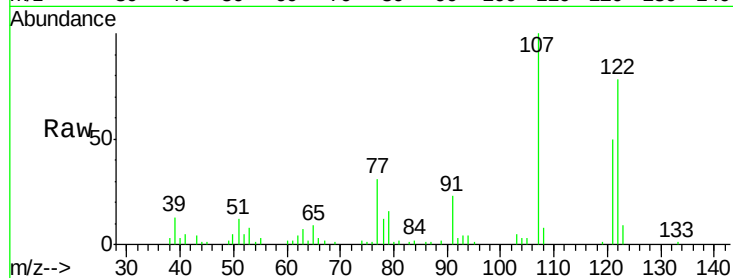




#24
2,4-Dimethylphenol
Concen: 15.84 ng/ul
RT: 10.07 min Scan# 1231
Delta R.T. 0.00 min
Lab File: BG020222.D
Acq: 16 Dec 2015 14:12

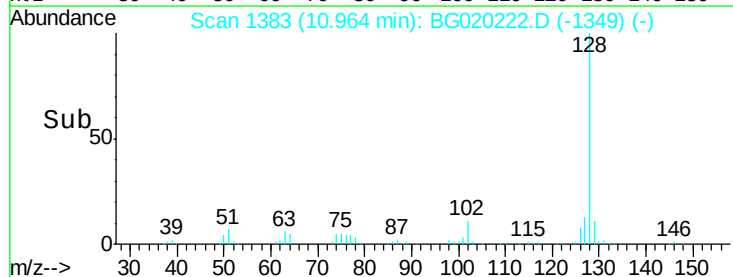
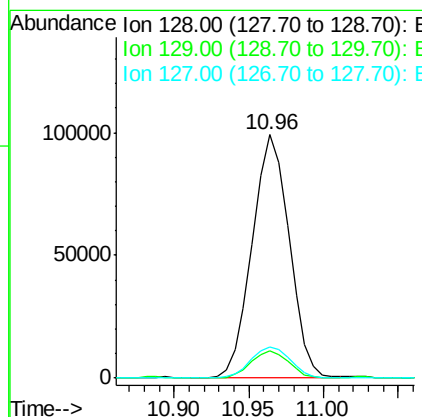
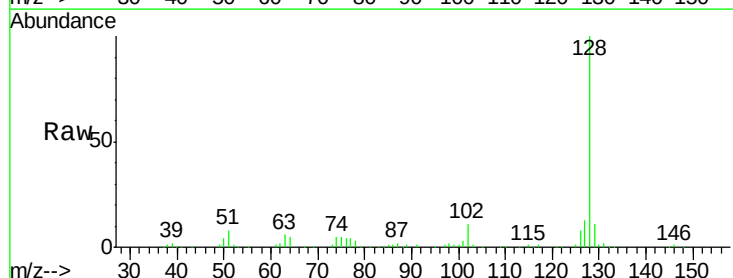
Instrument :
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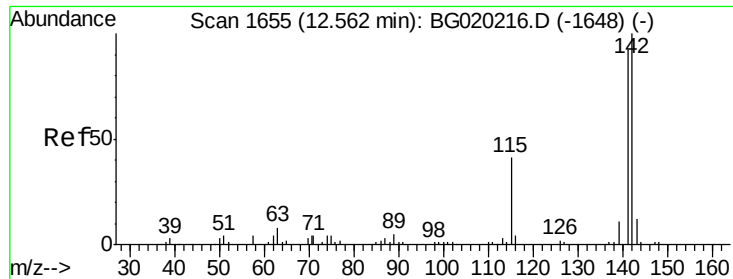
Tgt Ion:107 Resp: 27540
Ion Ratio Lower Upper
107 100
121 49.8 39.0 58.4
122 78.3 62.1 93.1



#28
Naphthalene
Concen: 39.79 ng/ul
RT: 10.96 min Scan# 1383
Delta R.T. 0.00 min
Lab File: BG020222.D
Acq: 16 Dec 2015 14:12

Tgt Ion:128 Resp: 171058
Ion Ratio Lower Upper
128 100
129 11.4 8.6 12.8
127 13.0 10.1 15.1

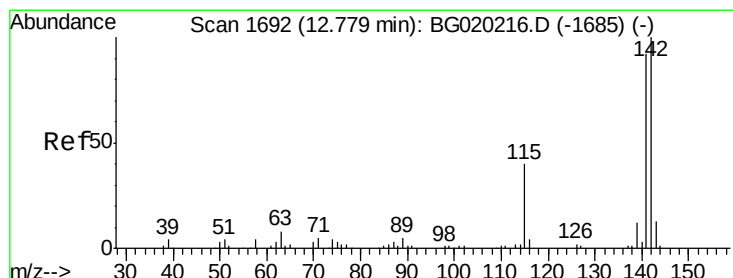
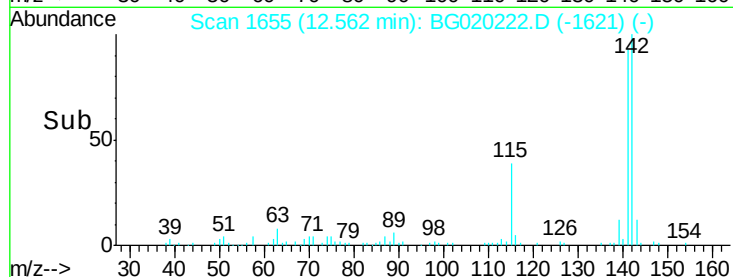
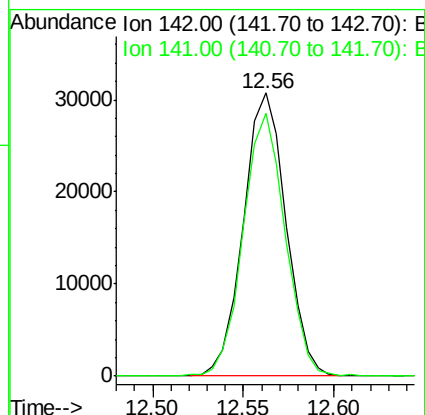
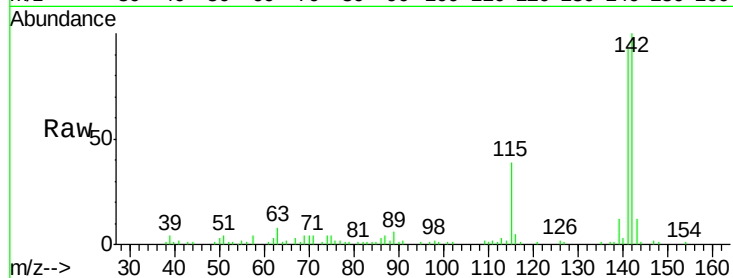




#34
2-Methylnaphthalene
Concen: 15.26 ng/ul
RT: 12.56 min Scan# 1655
Delta R.T. 0.00 min
Lab File: BG020222.D
Acq: 16 Dec 2015 14:12

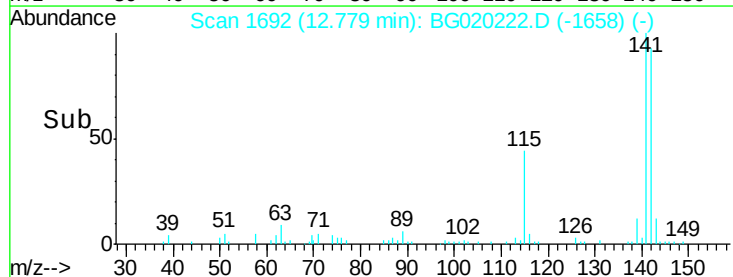
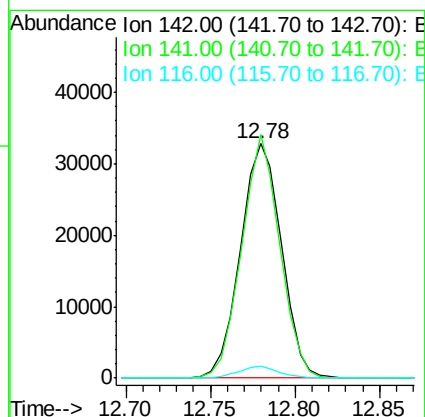
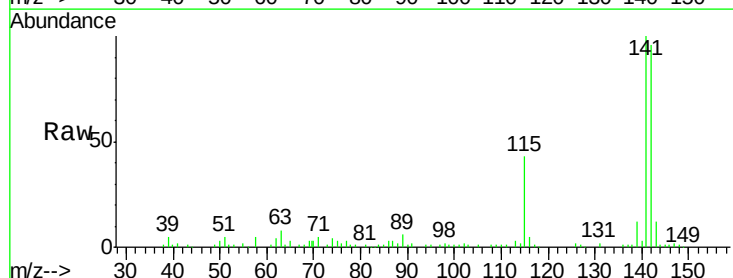
Instrument :
BNA_G
ClientSampleId :
G9C90DL

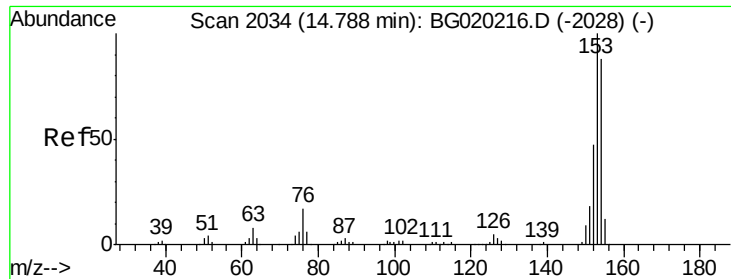
Tgt Ion:142 Resp: 50118
Ion Ratio Lower Upper
142 100
141 92.8 74.9 112.3



#35
1-Methylnaphthalene
Concen: 17.54 ng/ul
RT: 12.78 min Scan# 1692
Delta R.T. 0.00 min
Lab File: BG020222.D
Acq: 16 Dec 2015 14:12

Tgt Ion:142 Resp: 55367
Ion Ratio Lower Upper
142 100
141 103.9 73.0 109.6
116 5.0 3.0 4.6#





#50

Acenaphthene

Concen: 3.16 ng/ul

RT: 14.79 min Scan# 2034

Delta R.T. 0.00 min

Lab File: BG020222.D

Acq: 16 Dec 2015 14:12

Instrument :

BNA_G

ClientSampleId :

G9C90DL

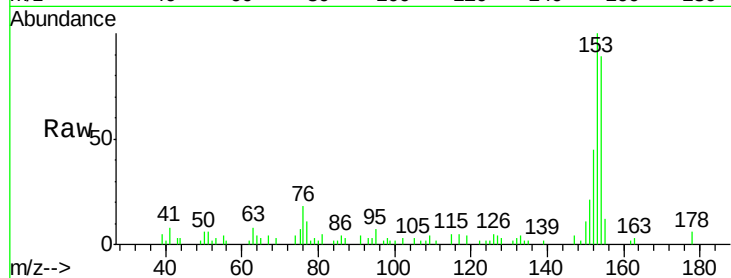
Tgt Ion:153 Resp: 14131

Ion Ratio Lower Upper

153 100

152 45.0 37.6 56.4

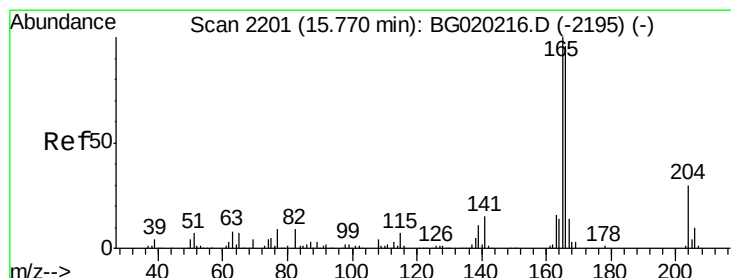
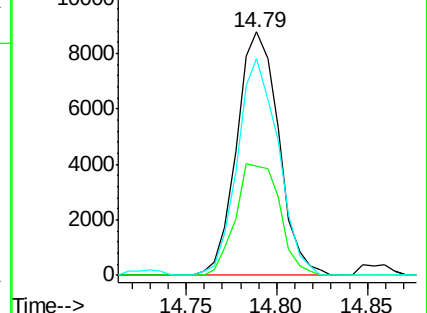
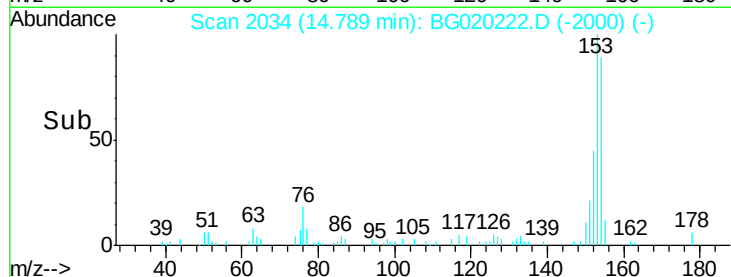
154 88.8 67.9 101.9



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



#59

Fluorene

Concen: 1.09 ng/ul

RT: 15.77 min Scan# 2201

Delta R.T. 0.00 min

Lab File: BG020222.D

Acq: 16 Dec 2015 14:12

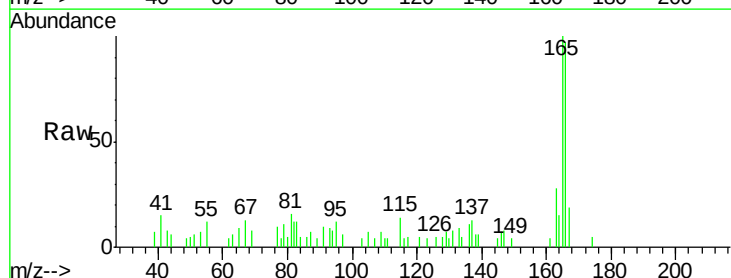
Tgt Ion:166 Resp: 5825

Ion Ratio Lower Upper

166 100

165 103.0 81.4 122.0

167 19.7 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

