

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122115\
 Data File : BG020385.D
 Acq On : 21 Dec 2015 20:24
 Operator : UM/SJ
 Sample : G4768-10DL 100X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9N34DL

Quant Time: Dec 22 02:03:44 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	18021	20.00	ng/ul	0.00
18) Naphthalene-d8	10.91	136	81661	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.72	164	52625	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.47	188	122675	20.00	ng/ul	0.00
78) Chrysene-d12	21.74	240	145591	20.00	ng/ul	0.00
86) Perylene-d12	25.02	264	123313	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	7.41	99	243	0.15	ng/ul	0.15
7) Bis-(2-Chloroethyl)ether-d	7.41	67	206	0.22	ng/ul	0.00
9) 2-Chlorophenol-d4	7.62	132	194	0.17	ng/ul	0.00
13) 4-Methylphenol-d8	0.00	113	0	0.00	ng/ul	
19) Nitrobenzene-d5	0.00	128	0	0.00	ng/ul	
22) 2-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
26) 2,4-Dichlorophenol-d3	10.54	165	290	0.20	ng/ul	0.01
29) 4-Chloroaniline-d4	0.00	131	0	0.00	ng/ul	
44) Dimethylphthalate-d6	14.12	166	1810	0.43	ng/ul	0.00
47) Acenaphthylene-d8	14.42	160	2292	0.46	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
58) Fluorene-d10	15.71	176	2024	0.52	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
71) Anthracene-d10	17.57	188	3818	0.68	ng/ul	0.00
79) Pyrene-d10	19.85	212	3186	0.47	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.79	264	2464	0.40	ng/ul	-0.01

Target Compounds

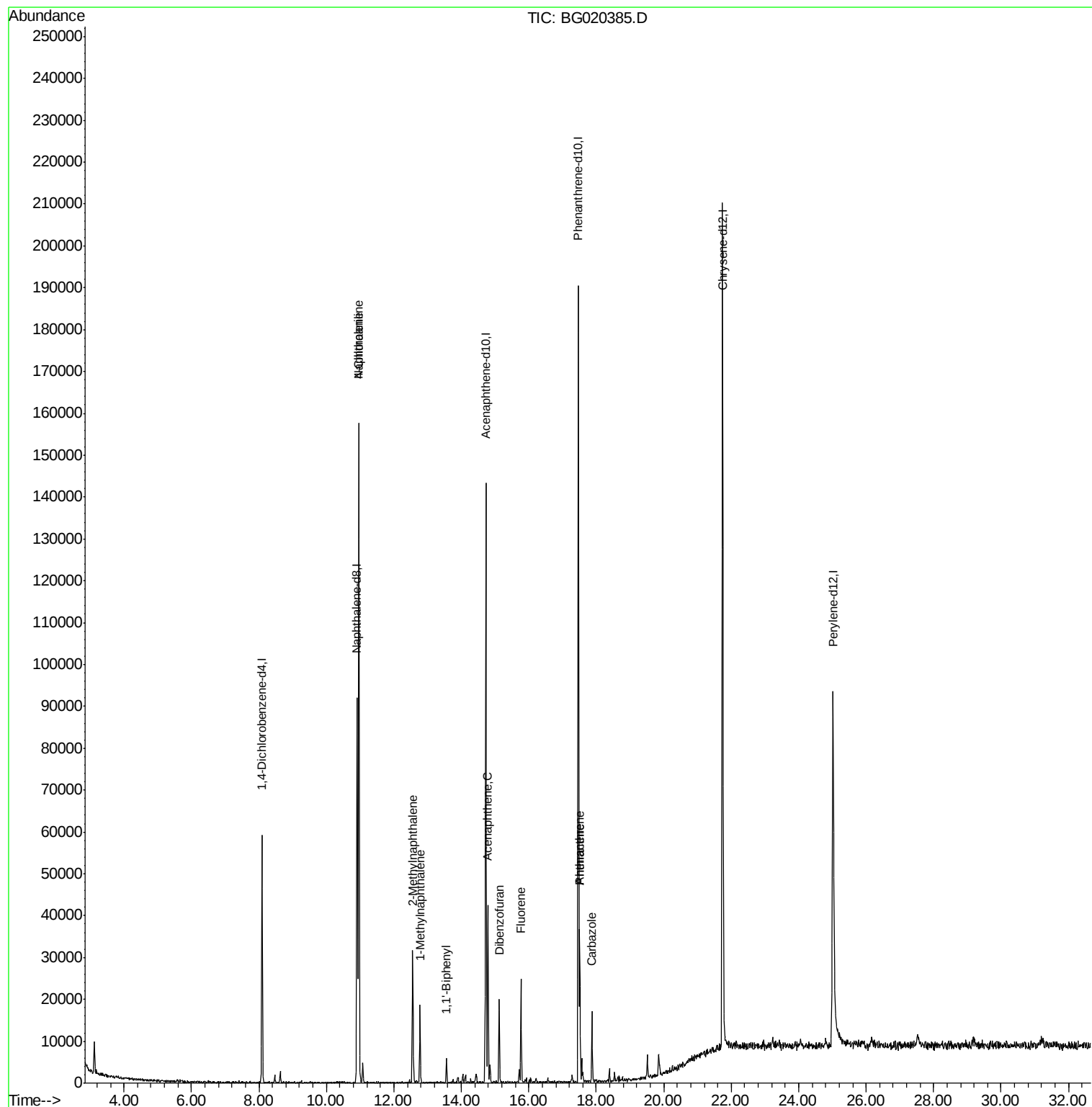
						Qvalue
28) Naphthalene	10.96	128	137897	32.34	ng/ul	97
30) 4-Chloroaniline	10.96	127	18886	11.48	ng/ul#	10
34) 2-Methylnaphthalene	12.56	142	16447	5.05	ng/ul	97
35) 1-Methylnaphthalene	12.78	142	9692	3.09	ng/ul	87
41) 1,1'-Biphenyl	13.56	154	4023	1.01	ng/ul#	93
50) Acenaphthene	14.79	153	18670	5.27	ng/ul	97
54) Dibenzofuran	15.12	168	15149	2.88	ng/ul	96
59) Fluorene	15.77	166	12542	2.97	ng/ul	97
70) Phenanthrene	17.51	178	25328	3.77	ng/ul	98
72) Anthracene	17.51	178	25328	3.72	ng/ul	98
75) Carbazole	17.87	167	13794	2.41	ng/ul	95

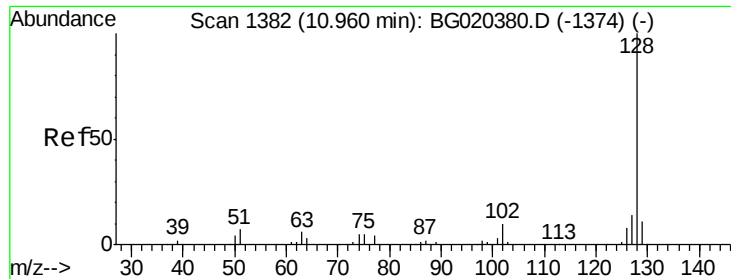
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

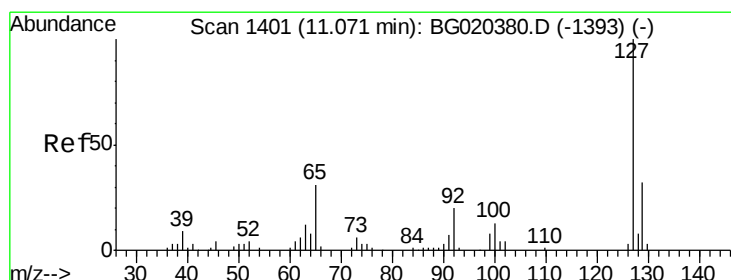
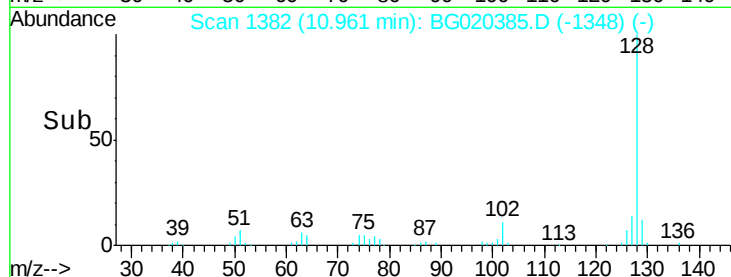
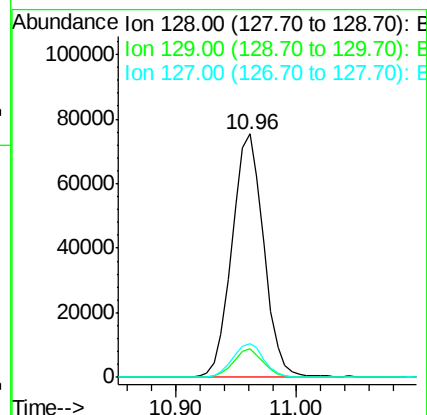
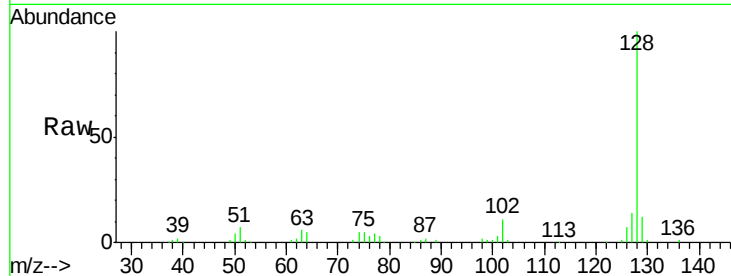




#28
Naphthalene
Concen: 32.34 ng/ul
RT: 10.96 min Scan# 1382
Delta R.T. 0.00 min
Lab File: BG020385.D
Acq: 21 Dec 2015 20:24

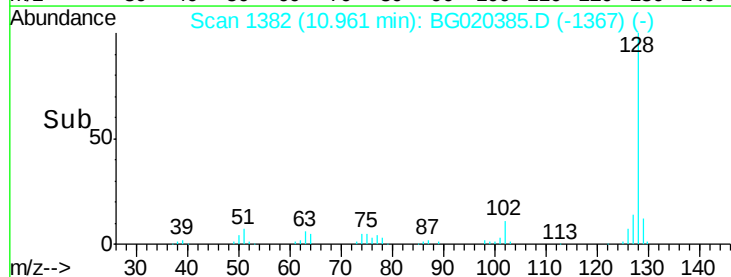
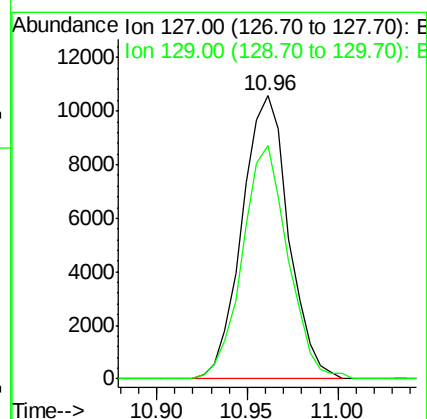
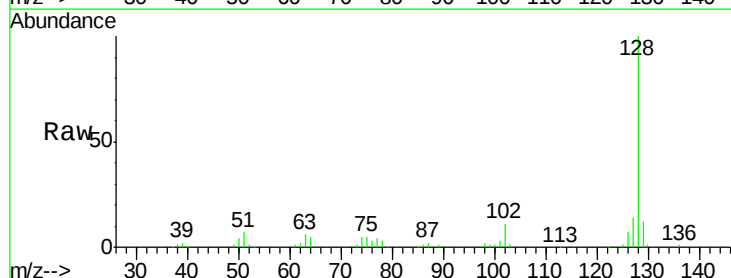
Instrument :
BNA_G
ClientSampleId :
D9N34DL

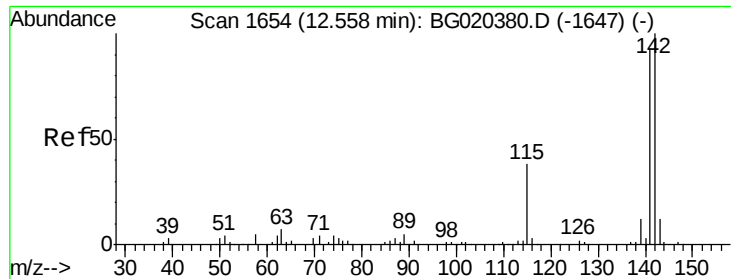
Tgt Ion:128 Resp: 137897
Ion Ratio Lower Upper
128 100
129 11.6 8.6 12.8
127 14.0 10.1 15.1



#30
4-Chloroaniline
Concen: 11.48 ng/ul
RT: 10.96 min Scan# 1382
Delta R.T. -0.11 min
Lab File: BG020385.D
Acq: 21 Dec 2015 20:24

Tgt Ion:127 Resp: 18886
Ion Ratio Lower Upper
127 100
129 82.6 25.7 38.5#

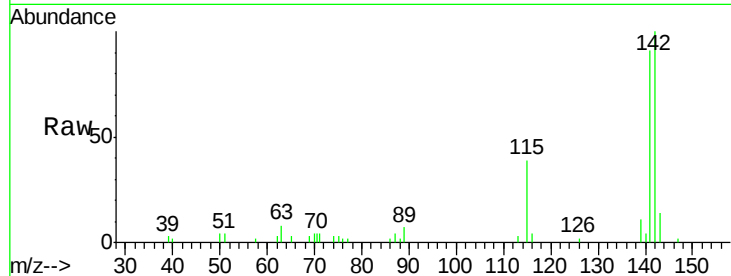




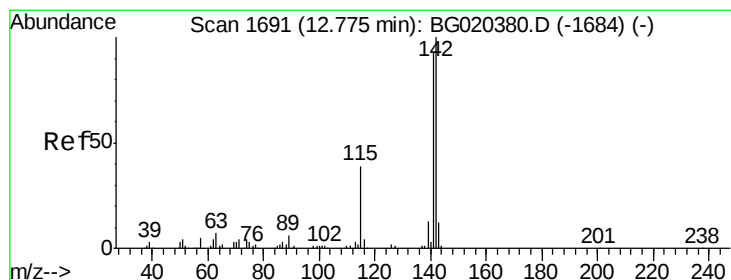
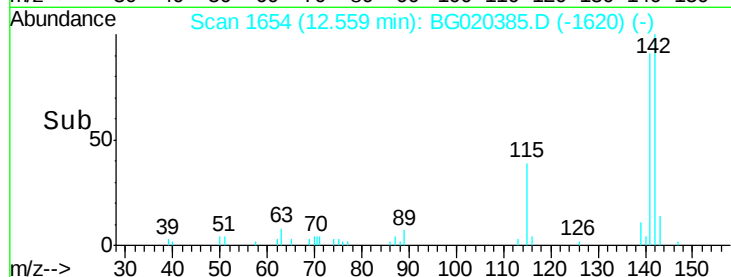
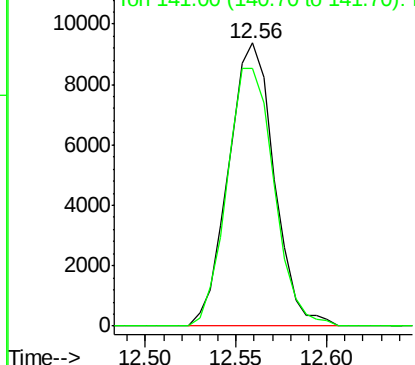
#34
 2-Methylnaphthalene
 Concen: 5.05 ng/ul
 RT: 12.56 min Scan# 1654
 Delta R.T. 0.00 min
 Lab File: BG020385.D
 Acq: 21 Dec 2015 20:24

Instrument :
 BNA_G
 ClientSampleId :
 D9N34DL

Tgt Ion:142 Resp: 16447
 Ion Ratio Lower Upper
 142 100
 141 91.0 74.9 112.3

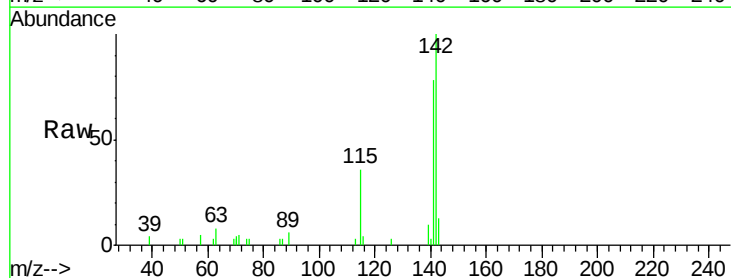


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E

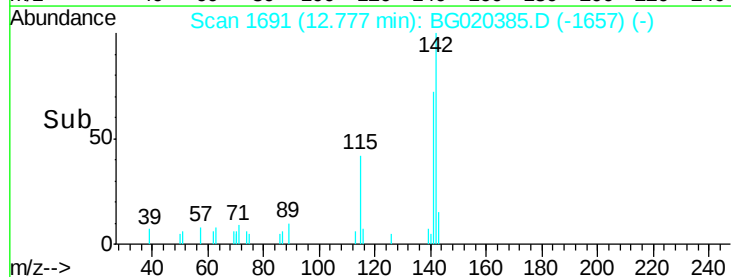
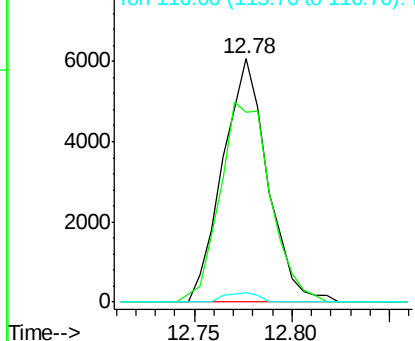


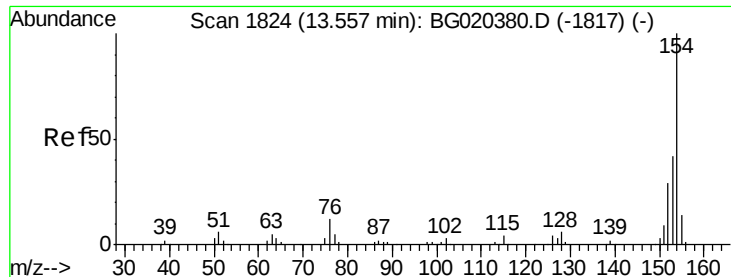
#35
 1-Methylnaphthalene
 Concen: 3.09 ng/ul
 RT: 12.78 min Scan# 1691
 Delta R.T. 0.00 min
 Lab File: BG020385.D
 Acq: 21 Dec 2015 20:24

Tgt Ion:142 Resp: 9692
 Ion Ratio Lower Upper
 142 100
 141 78.0 73.0 109.6
 116 3.8 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

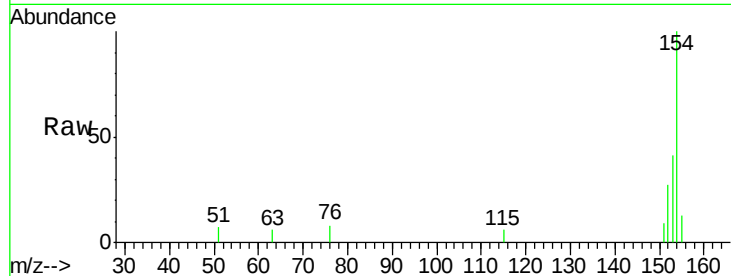




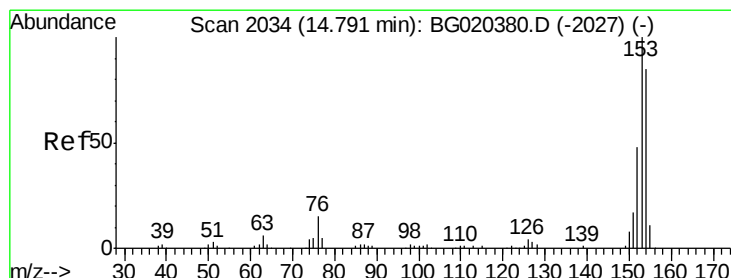
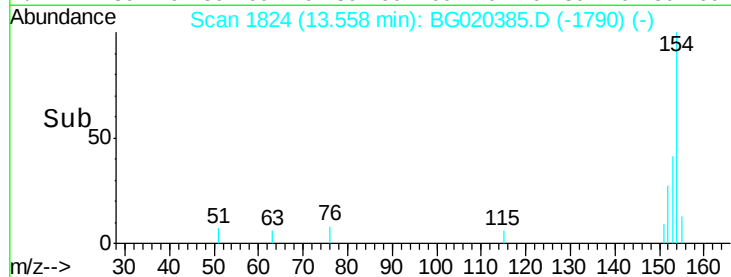
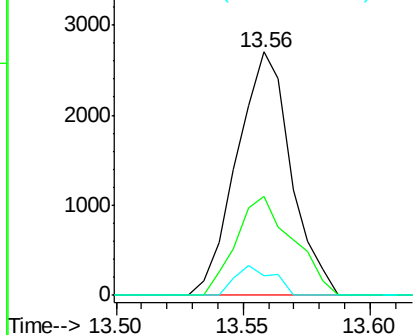
#41
 1,1'-Biphenyl
 Concen: 1.01 ng/ul
 RT: 13.56 min Scan# 1824
 Delta R.T. 0.00 min
 Lab File: BG020385.D
 Acq: 21 Dec 2015 20:24

Instrument :
 BNA_G
 ClientSampleId :
 D9N34DL

Tgt Ion:154 Resp: 4023
 Ion Ratio Lower Upper
 154 100
 153 40.6 35.5 53.3
 76 8.0 10.4 15.6#

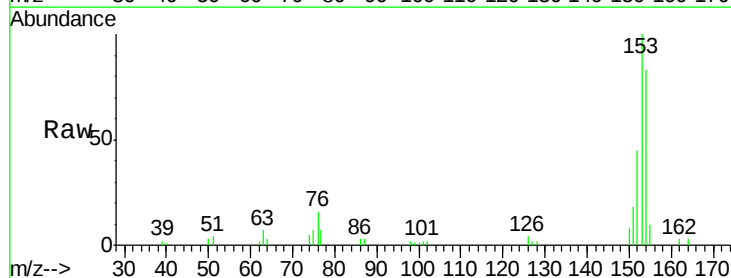


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): B

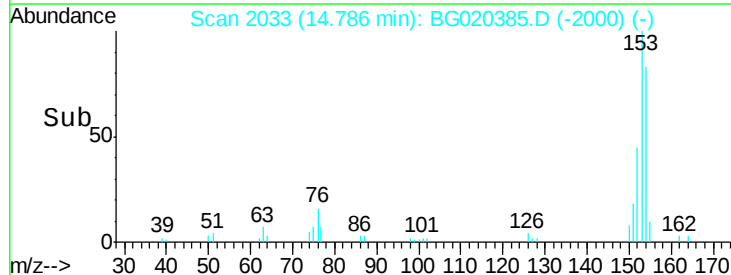
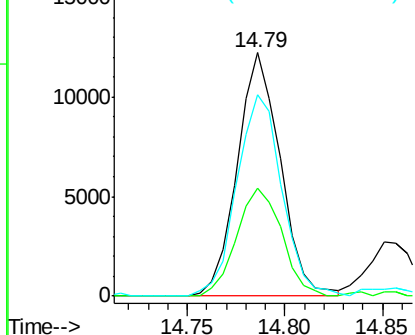


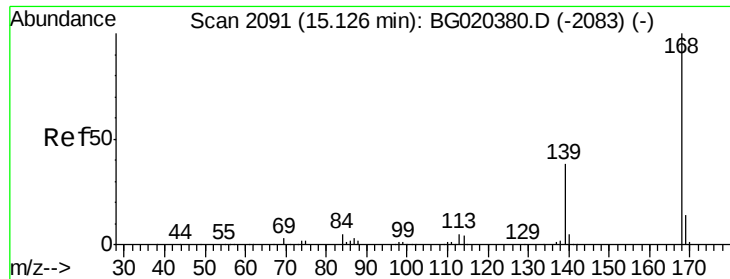
#50
 Acenaphthene
 Concen: 5.27 ng/ul
 RT: 14.79 min Scan# 2033
 Delta R.T. -0.00 min
 Lab File: BG020385.D
 Acq: 21 Dec 2015 20:24

Tgt Ion:153 Resp: 18670
 Ion Ratio Lower Upper
 153 100
 152 44.5 37.6 56.4
 154 82.7 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: 2.88 ng/ul

RT: 15.12 min Scan# 2090

Delta R.T. -0.00 min

Lab File: BG020385.D

Acq: 21 Dec 2015 20:24

Instrument :

BNA_G

ClientSampleId :

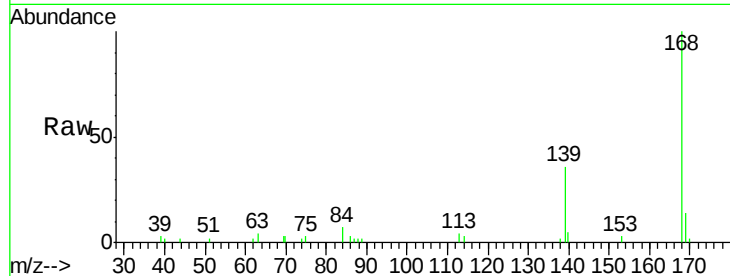
D9N34DL

Tgt Ion:168 Resp: 15149

Ion Ratio Lower Upper

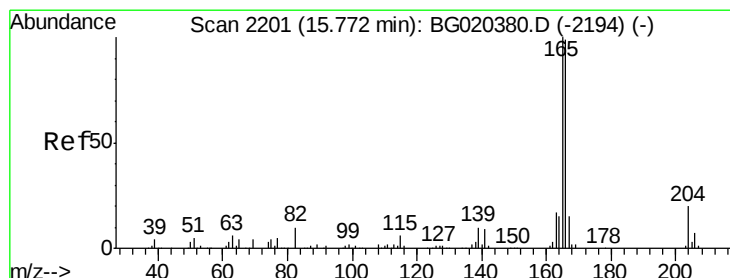
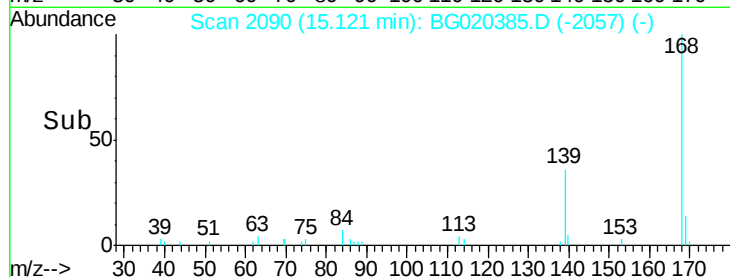
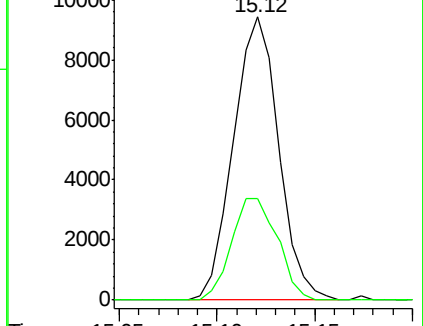
168 100

139 35.8 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: 2.97 ng/ul

RT: 15.77 min Scan# 2200

Delta R.T. -0.00 min

Lab File: BG020385.D

Acq: 21 Dec 2015 20:24

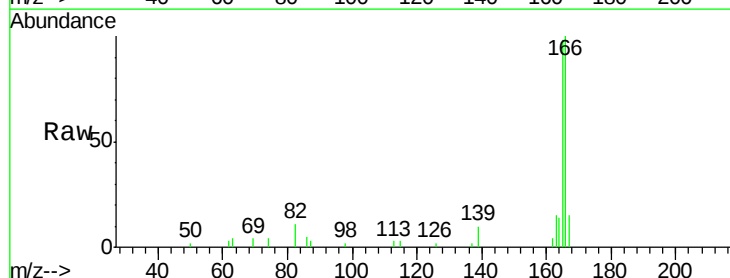
Tgt Ion:166 Resp: 12542

Ion Ratio Lower Upper

166 100

165 98.1 81.4 122.0

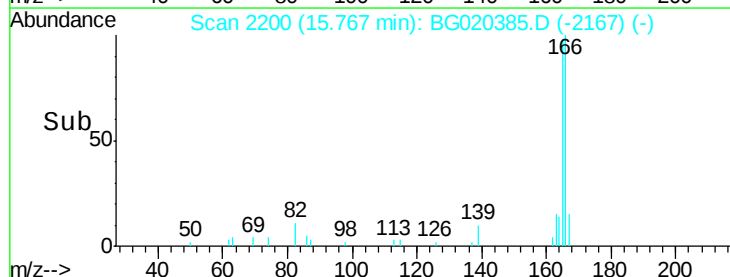
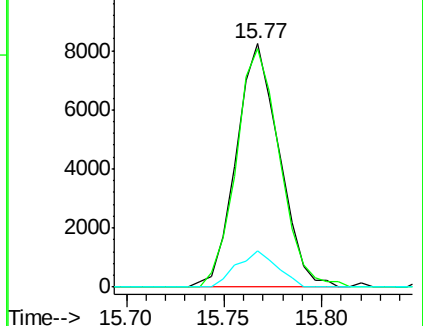
167 15.0 11.2 16.8

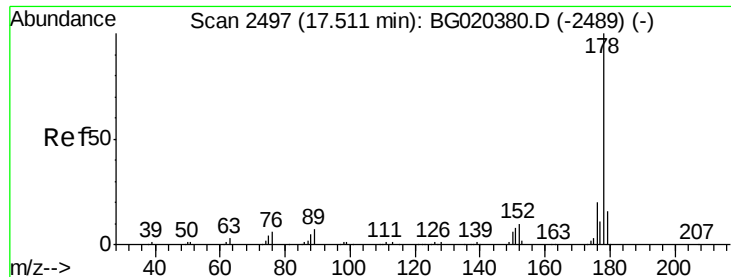


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#70

Phenanthrene

Concen: 3.77 ng/ul

RT: 17.51 min Scan# 2496

Delta R.T. -0.00 min

Lab File: BG020385.D

Acq: 21 Dec 2015 20:24

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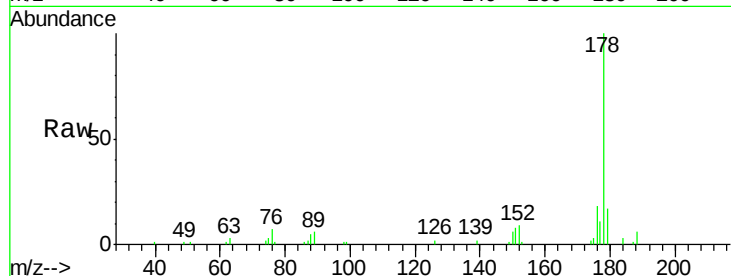
Tgt Ion:178 Resp: 25328

Ion Ratio Lower Upper

178 100

179 17.0 12.9 19.3

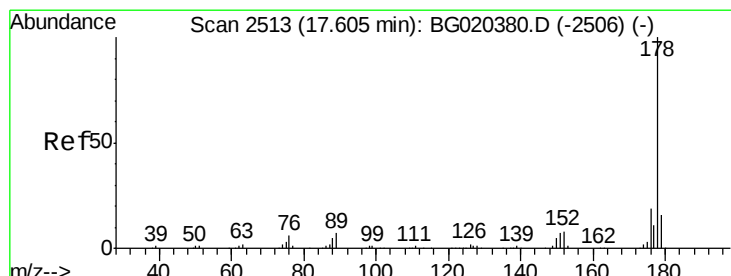
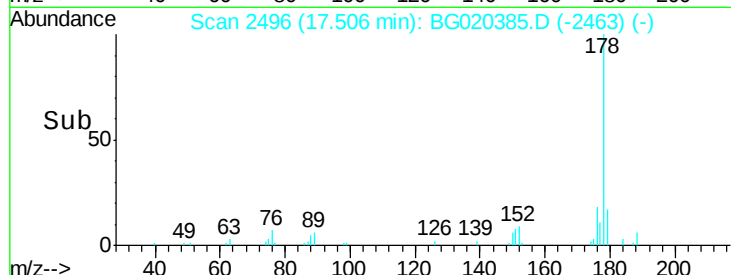
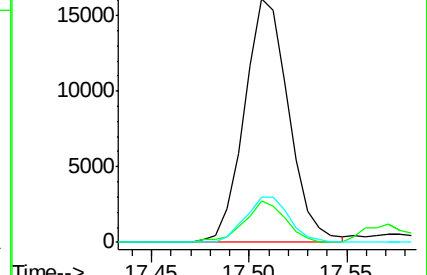
176 18.4 15.3 22.9



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: 3.72 ng/ul

RT: 17.51 min Scan# 2496

Delta R.T. -0.10 min

Lab File: BG020385.D

Acq: 21 Dec 2015 20:24

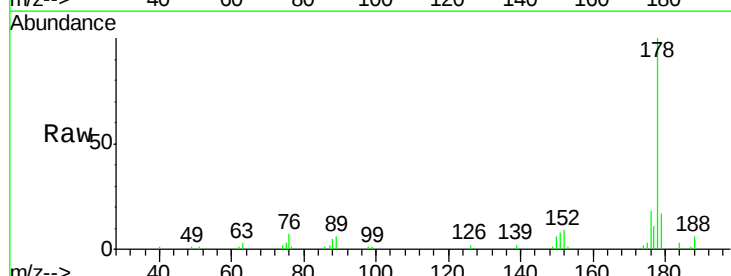
Tgt Ion:178 Resp: 25328

Ion Ratio Lower Upper

178 100

179 17.0 12.3 18.5

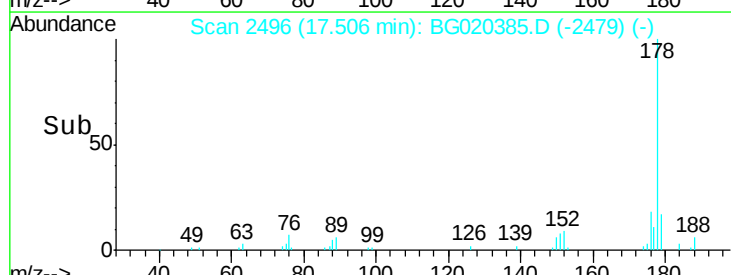
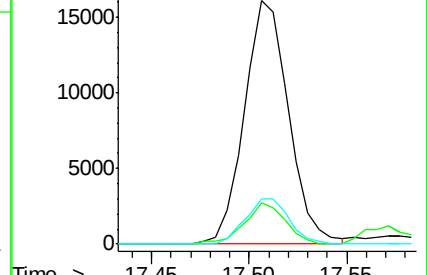
176 18.4 14.3 21.5

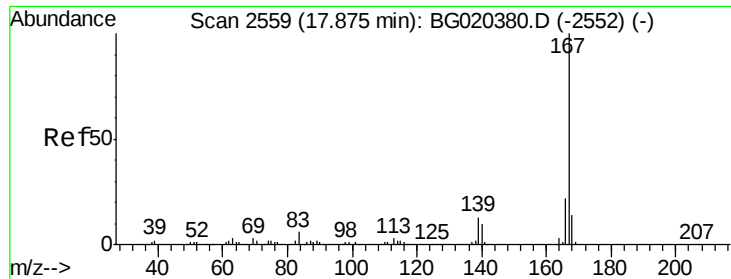


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#75

Carbazole

Concen: 2.41 ng/ul

RT: 17.87 min Scan# 2558

Delta R.T. -0.00 min

Lab File: BG020385.D

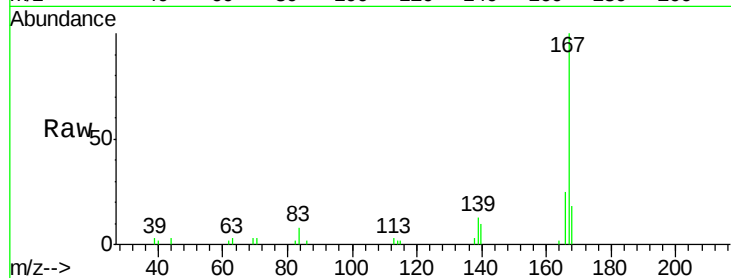
Acq: 21 Dec 2015 20:24

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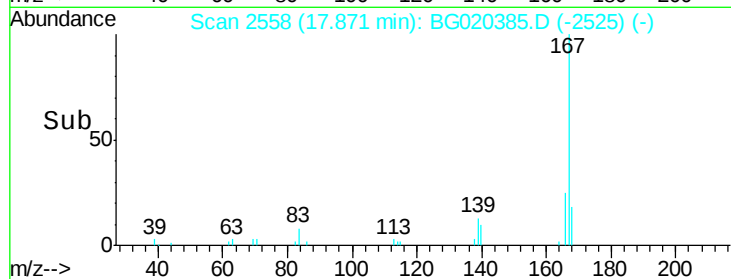
Tgt Ion:167 Resp: 13794

Ion Ratio Lower Upper

167 100

166 24.6 17.0 25.6

139 12.8 10.1 15.1



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

