

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122515\
 Data File : BG020518.D
 Acq On : 26 Dec 2015 00:23
 Operator : UM/SJ
 Sample : G4847-08
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9N72

Quant Time: Dec 26 02:25:12 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG122415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Dec 26 02:12:58 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	17424	20.00	ng/ul	0.00
18) Naphthalene-d8	10.90	136	79312	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.71	164	57569	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.46	188	143632	20.00	ng/ul	0.00
78) Chrysene-d12	21.72	240	184591	20.00	ng/ul	0.00
86) Perylene-d12	24.98	264	174431	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.44	96	403	1.28	ng/uL	0.00
5) Phenol-d5	7.23	99	11611	8.31	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.39	67	31756	38.33	ng/ul	0.00
9) 2-Chlorophenol-d4	7.61	132	31862	29.71	ng/ul	0.00
13) 4-Methylphenol-d8	8.78	113	23217	19.74	ng/ul	0.00
19) Nitrobenzene-d5	9.24	128	23109	37.17	ng/ul	0.00
22) 2-Nitrophenol-d4	9.97	143	26977	38.17	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.52	165	45980	33.61	ng/ul	0.00
29) 4-Chloroaniline-d4	11.04	131	764	0.49	ng/ul	0.01
44) Dimethylphthalate-d6	14.11	166	175075	36.90	ng/ul	0.00
47) Acenaphthylene-d8	14.41	160	205556	37.39	ng/ul	0.00
52) 4-Nitrophenol-d4	14.92	143	4514	5.71	ng/ul	0.00
58) Fluorene-d10	15.70	176	158903	37.03	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.82	200	30212	31.74	ng/ul	0.00
71) Anthracene-d10	17.56	188	259988	38.65	ng/ul	0.00
79) Pyrene-d10	19.84	212	315924	39.53	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.77	264	350774	39.78	ng/ul	0.00

Target Compounds

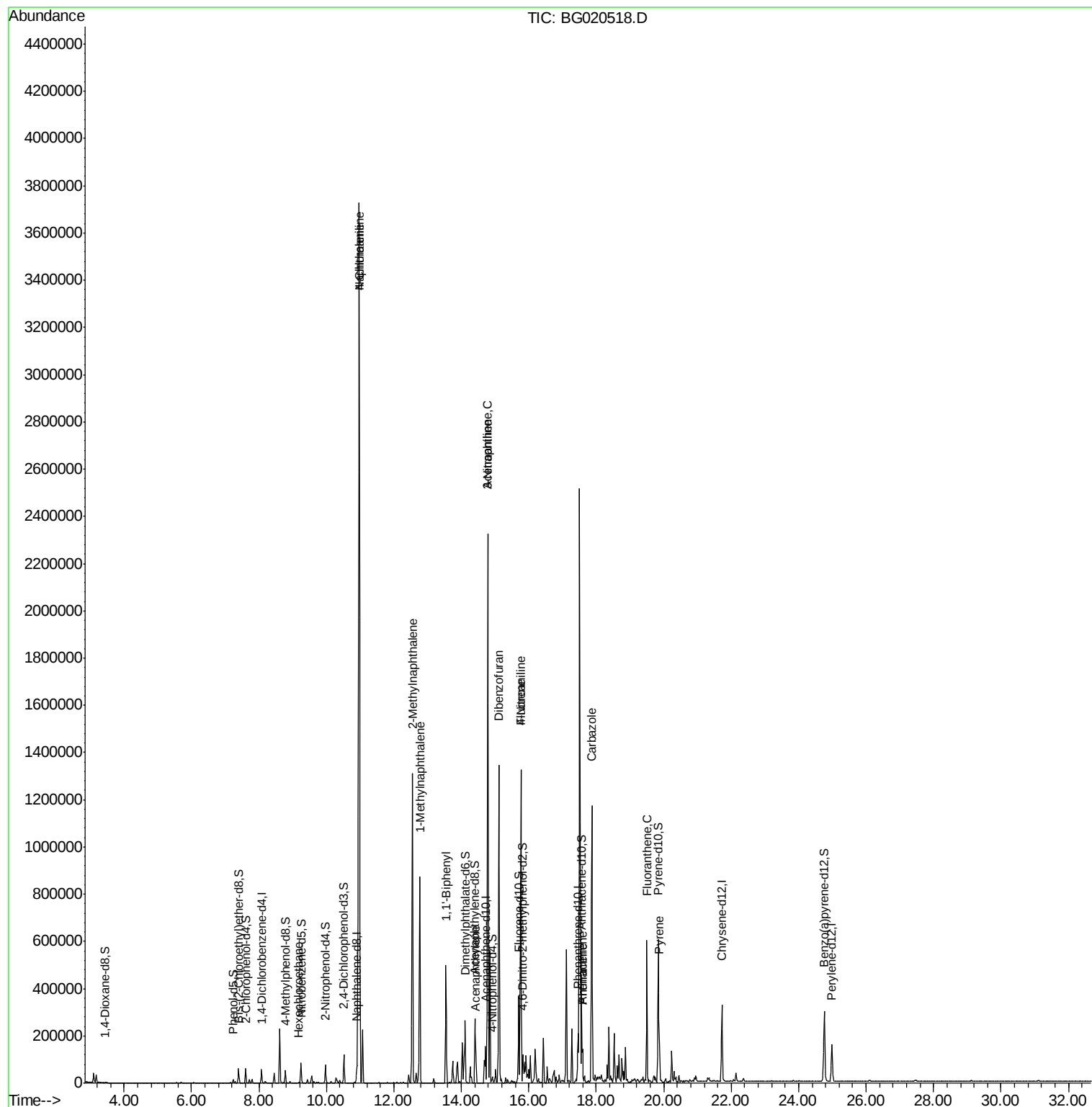
						Qvalue
17) Hexachloroethane	9.19	117	971	2.05	ng/ul#	1
28) Naphthalene	10.98	128	3557622	843.81	ng/ul#	79
30) 4-Chloroaniline	10.98	127	651143	413.26	ng/ul#	11
34) 2-Methylnaphthalene	12.55	142	629658	201.84	ng/ul	97
35) 1-Methylnaphthalene	12.77	142	411774	138.95	ng/ul#	98
41) 1,1'-Biphenyl	13.54	154	268203	60.37	ng/ul	95
48) Acenaphthylene	14.43	152	43405	7.51	ng/ul#	95
49) 3-Nitroaniline	14.78	138	994	1.10	ng/ul#	1
50) Acenaphthene	14.79	153	1056395	270.41	ng/ul	96
54) Dibenzofuran	15.11	168	849551	146.16	ng/ul	96
59) Fluorene	15.76	166	632599	134.31	ng/ul	98
61) 4-Nitroaniline	15.76	138	8450	8.31	ng/ul#	13
70) Phenanthrene	17.59	178	91805	11.49	ng/ul	99
72) Anthracene	17.59	178	93180	11.40	ng/ul	98
75) Carbazole	17.87	167	815971	118.48	ng/ul	97
77) Fluoranthene	19.50	202	387721	38.58	ng/ul	98
80) Pyrene	19.87	202	230220	22.05	ng/ul	98

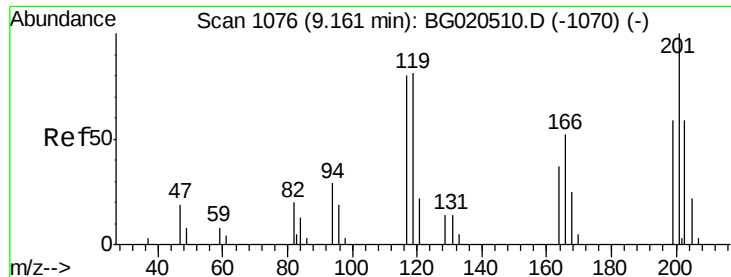
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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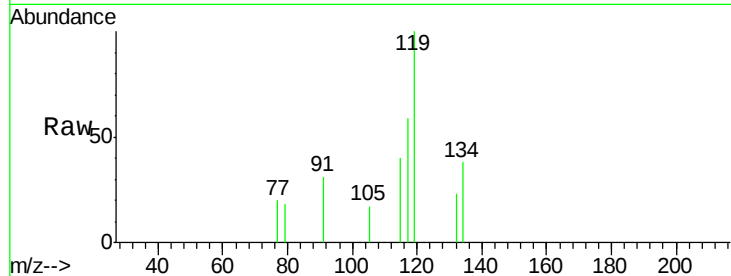




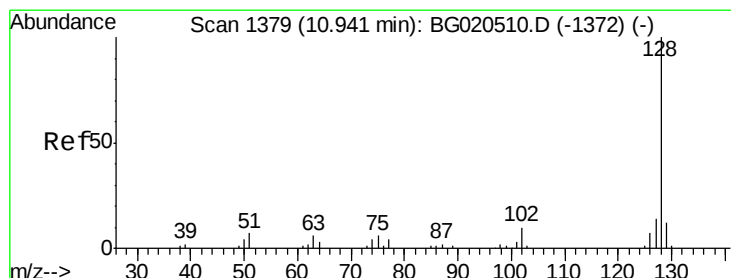
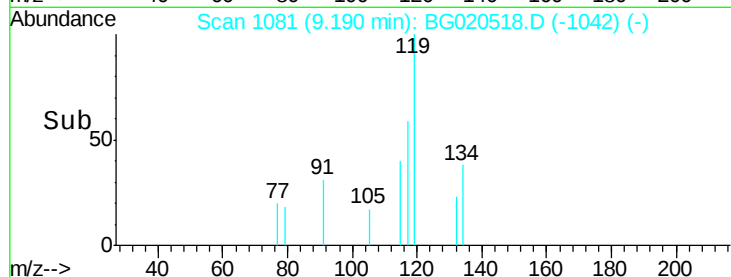
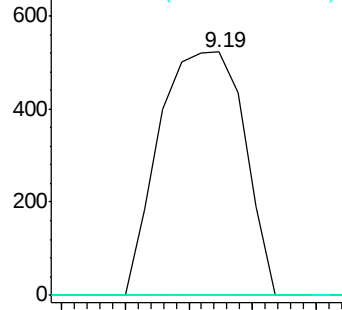
#17
Hexachloroethane
Concen: 2.05 ng/ul
RT: 9.19 min Scan# 1081
Delta R.T. 0.03 min
Lab File: BG020518.D
Acq: 26 Dec 2015 00:23

Instrument :
BNA_G
ClientSampleId :
D9N72

Tgt Ion:117 Resp: 971
Ion Ratio Lower Upper
117 100
201 0.0 102.7 154.1#
199 0.0 65.8 98.8#

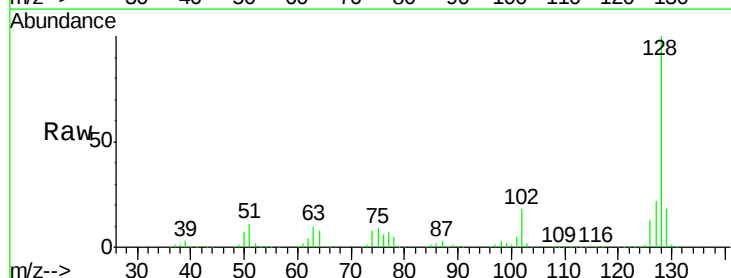


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 201.00 (200.70 to 201.70): E
Ion 199.00 (198.70 to 199.70): E

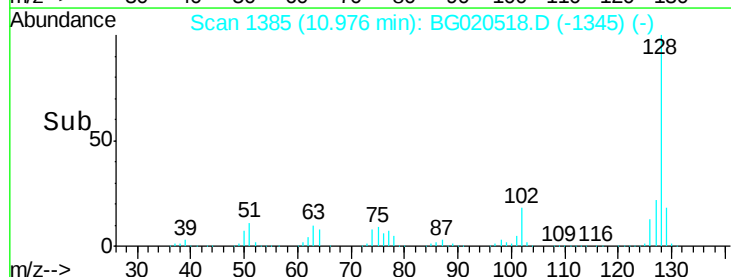
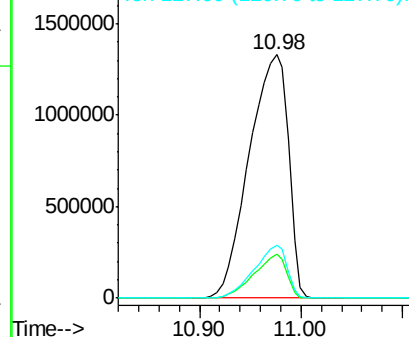


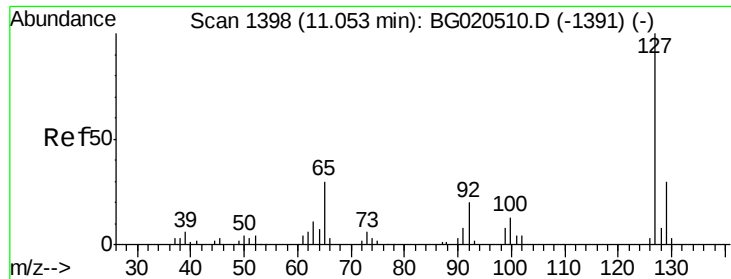
#28
Naphthalene
Concen: 843.81 ng/ul
RT: 10.98 min Scan# 1385
Delta R.T. 0.03 min
Lab File: BG020518.D
Acq: 26 Dec 2015 00:23

Tgt Ion:128 Resp: 3557622
Ion Ratio Lower Upper
128 100
129 17.9 8.6 12.8#
127 21.8 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

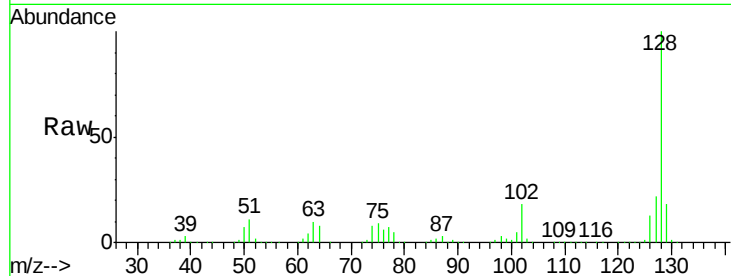




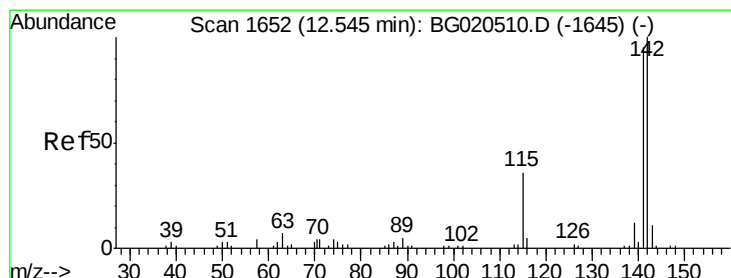
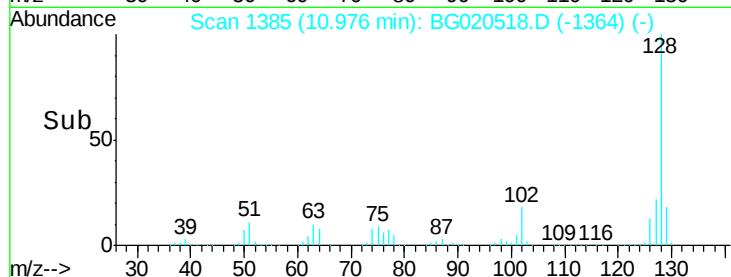
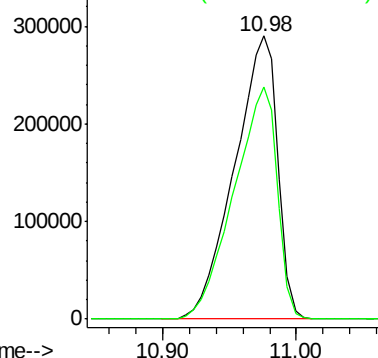
#30
4-Chloroaniline
Concen: 413.26 ng/ul
RT: 10.98 min Scan# 1385
Delta R.T. -0.08 min
Lab File: BG020518.D
Acq: 26 Dec 2015 00:23

Instrument :
BNA_G
ClientSampleId :
D9N72

Tgt Ion:127 Resp: 651143
Ion Ratio Lower Upper
127 100
129 81.9 25.7 38.5#

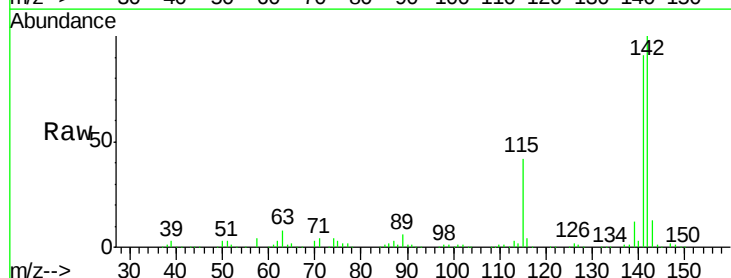


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E

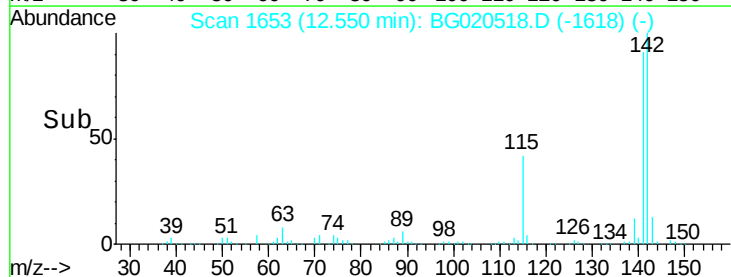
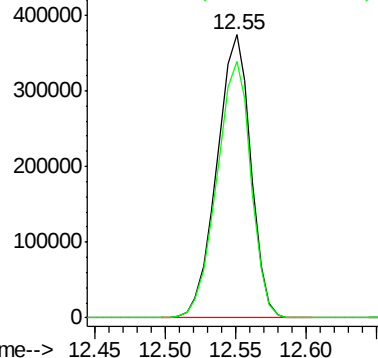


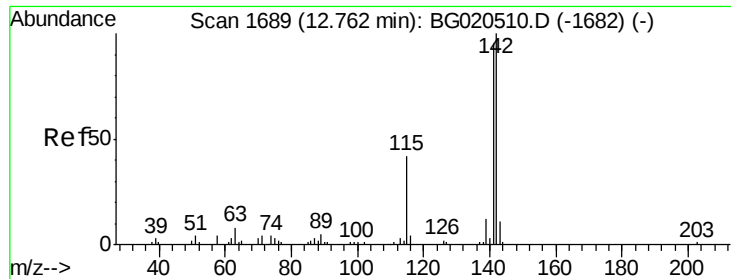
#34
2-Methylnaphthalene
Concen: 201.84 ng/ul
RT: 12.55 min Scan# 1653
Delta R.T. 0.01 min
Lab File: BG020518.D
Acq: 26 Dec 2015 00:23

Tgt Ion:142 Resp: 629658
Ion Ratio Lower Upper
142 100
141 90.6 74.9 112.3



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

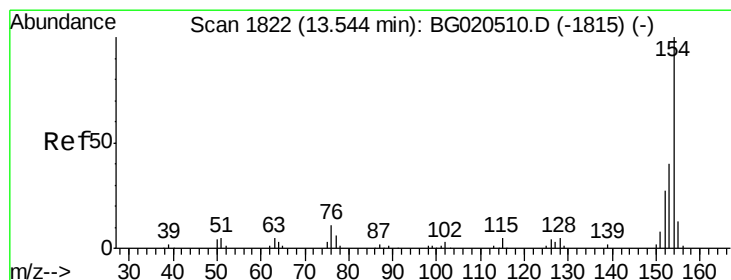
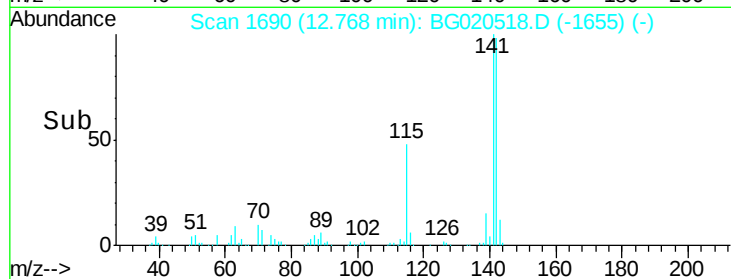
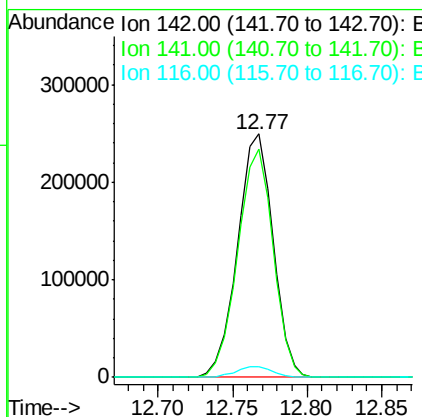
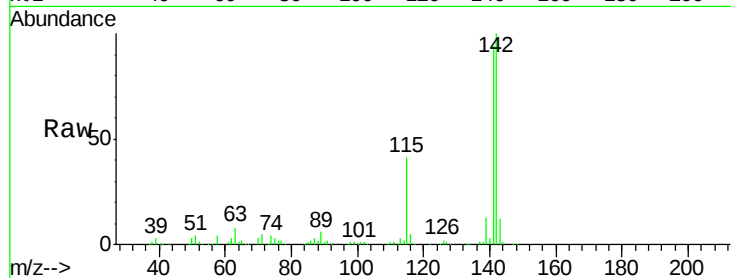




#35
 1-Methylnaphthalene
 Concen: 138.95 ng/ul
 RT: 12.77 min Scan# 1690
 Delta R.T. 0.01 min
 Lab File: BG020518.D
 Acq: 26 Dec 2015 00:23

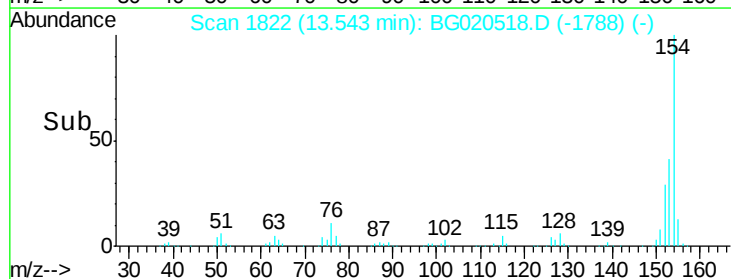
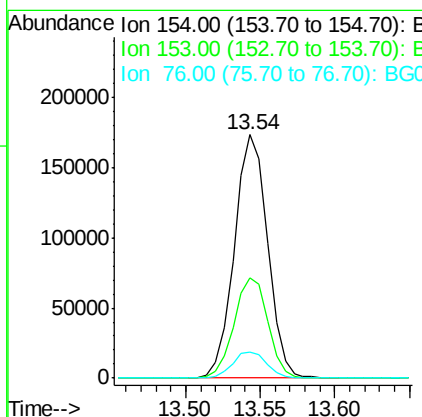
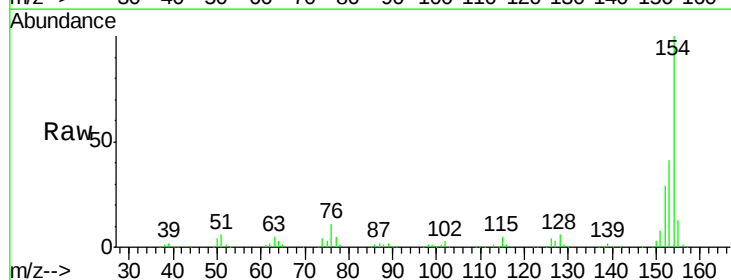
Instrument :
 BNA_G
 ClientSampleId :
 D9N72

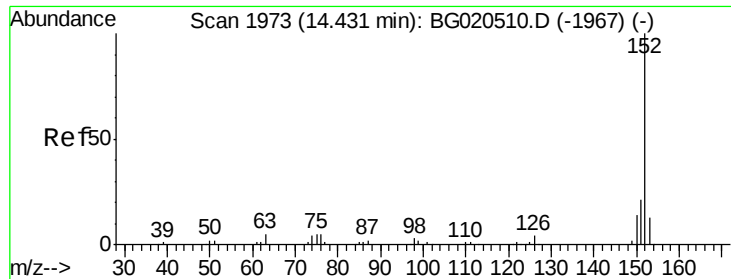
Tgt Ion:142 Resp: 411774
 Ion Ratio Lower Upper
 142 100
 141 93.5 73.0 109.6
 116 4.6 3.0 4.6#



#41
 1,1'-Biphenyl
 Concen: 60.37 ng/ul
 RT: 13.54 min Scan# 1822
 Delta R.T. -0.00 min
 Lab File: BG020518.D
 Acq: 26 Dec 2015 00:23

Tgt Ion:154 Resp: 268203
 Ion Ratio Lower Upper
 154 100
 153 41.3 35.5 53.3
 76 10.9 10.4 15.6





#48

Acenaphthylene

Concen: 7.51 ng/ul

RT: 14.43 min Scan# 1973

Delta R.T. -0.00 min

Lab File: BG020518.D

Acq: 26 Dec 2015 00:23

Instrument :

BNA_G

ClientSampleId :

D9N72

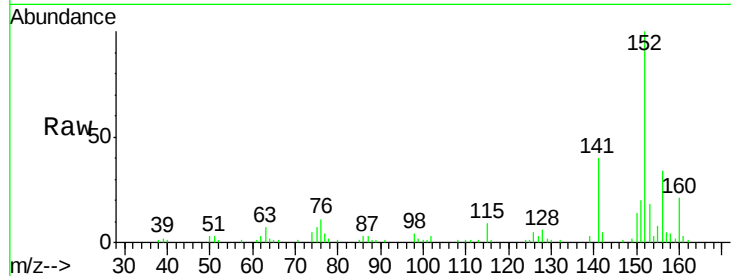
Tgt Ion:152 Resp: 43405

Ion Ratio Lower Upper

152 100

151 20.5 16.4 24.6

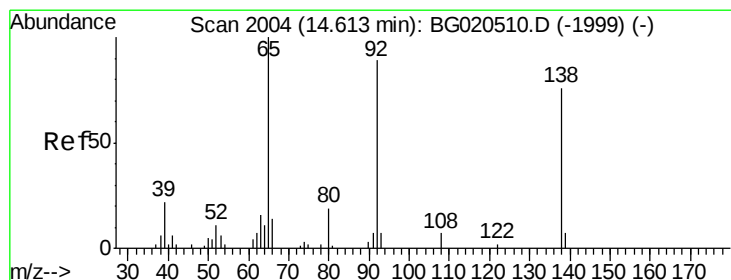
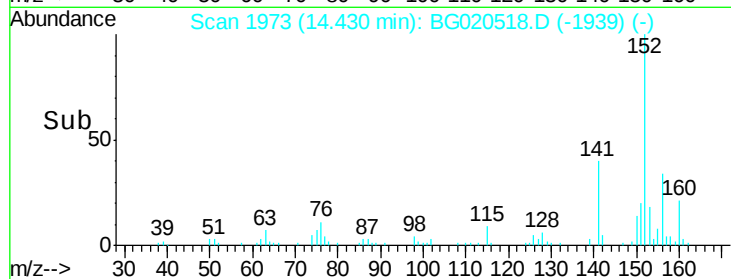
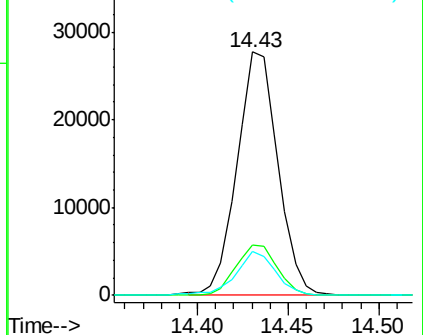
153 18.0 10.4 15.6#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

3-Nitroaniline

Concen: 1.10 ng/ul

RT: 14.78 min Scan# 2033

Delta R.T. 0.17 min

Lab File: BG020518.D

Acq: 26 Dec 2015 00:23

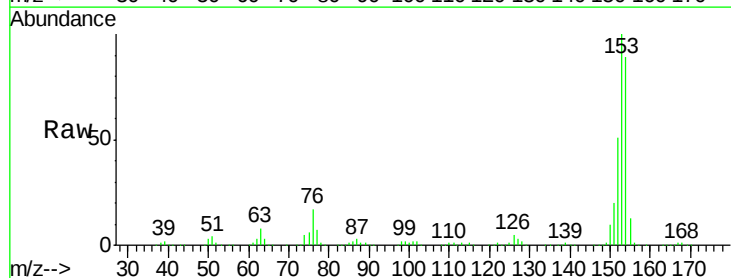
Tgt Ion:138 Resp: 994

Ion Ratio Lower Upper

138 100

108 21.3 9.1 13.7#

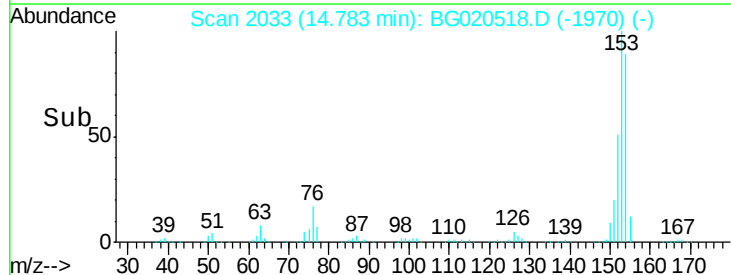
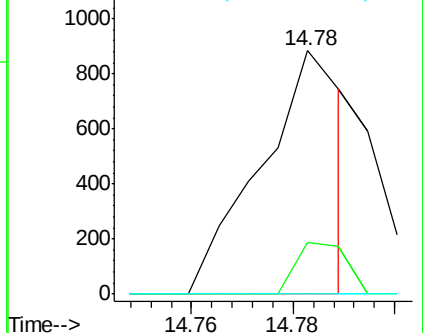
92 0.0 103.2 154.8#

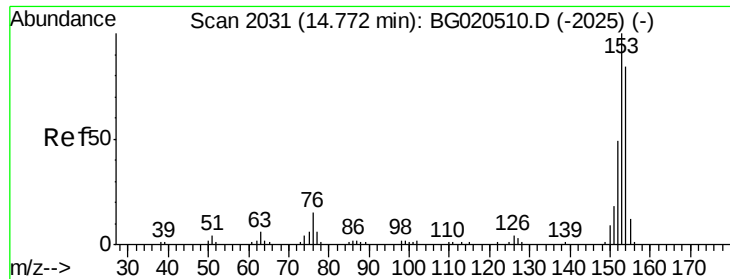


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC





#50

Acenaphthene

Concen: 270.41 ng/ul

RT: 14.79 min Scan# 2034

Delta R.T. 0.02 min

Lab File: BG020518.D

Acq: 26 Dec 2015 00:23

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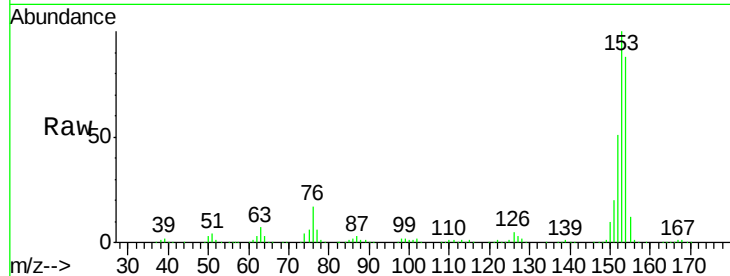
Tgt Ion:153 Resp: 1056395

Ion Ratio Lower Upper

153 100

152 51.0 37.6 56.4

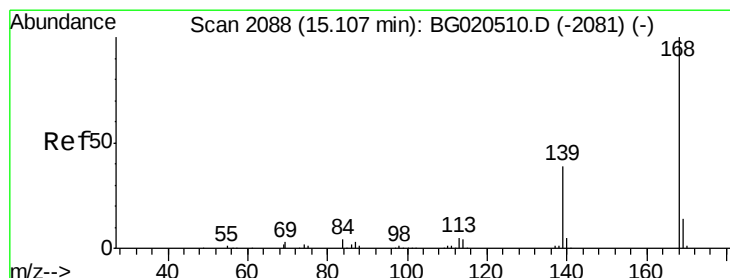
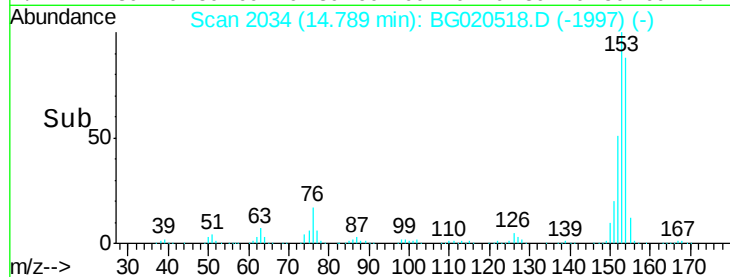
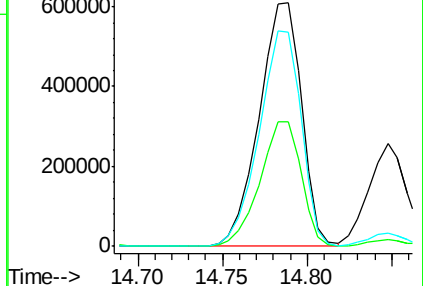
154 88.1 67.9 101.9



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: 146.16 ng/ul

RT: 15.11 min Scan# 2089

Delta R.T. 0.01 min

Lab File: BG020518.D

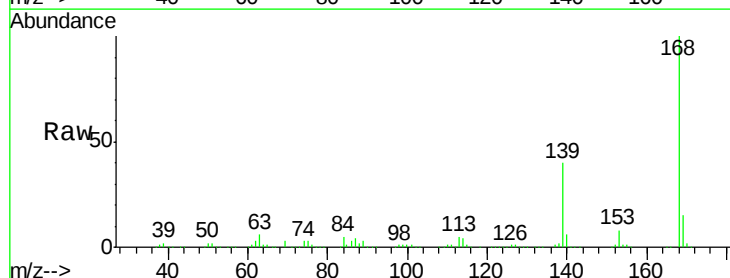
Acq: 26 Dec 2015 00:23

Tgt Ion:168 Resp: 849551

Ion Ratio Lower Upper

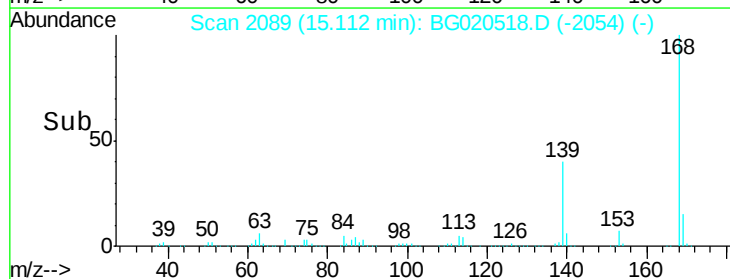
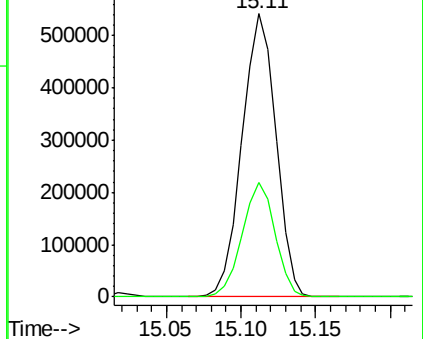
168 100

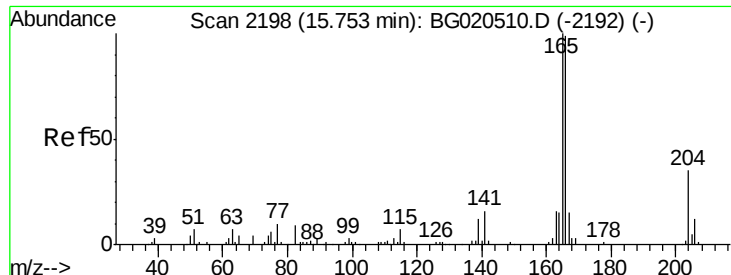
139 40.5 30.5 45.7



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

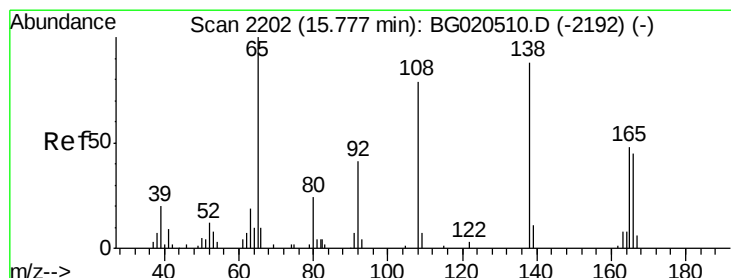
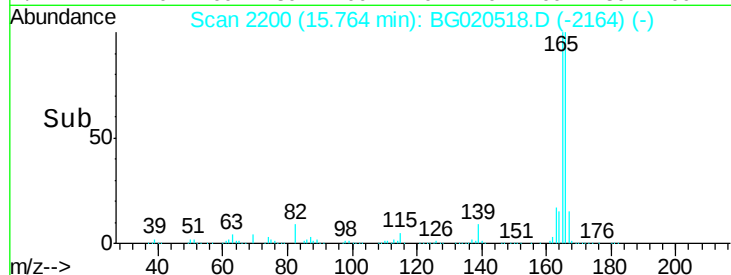
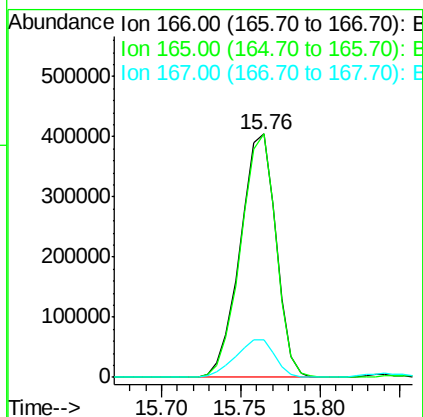
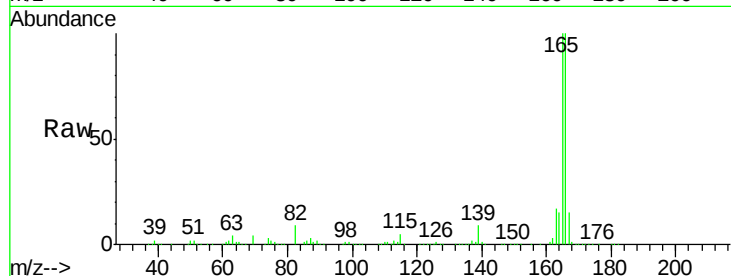




#59
Fluorene
 Concen: 134.31 ng/ul
 RT: 15.76 min Scan# 2200
 Delta R.T. 0.01 min
 Lab File: BG020518.D
 Acq: 26 Dec 2015 00:23

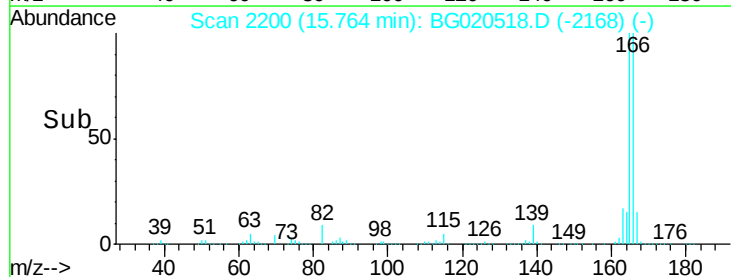
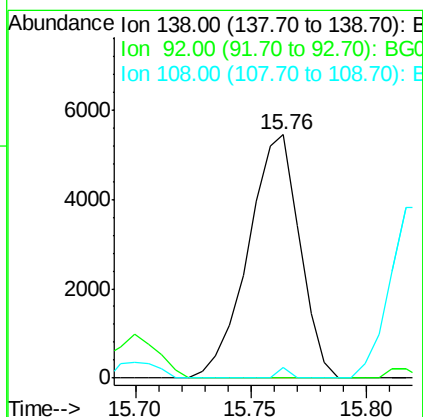
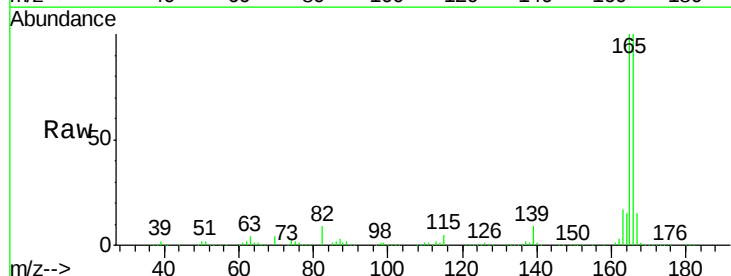
Instrument :
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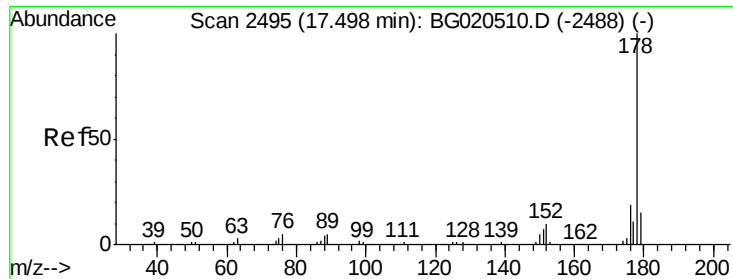
Tgt Ion:166 Resp: 632599
 Ion Ratio Lower Upper
 166 100
 165 100.1 81.4 122.0
 167 15.2 11.2 16.8



#61
4-Nitroaniline
 Concen: 8.31 ng/ul
 RT: 15.76 min Scan# 2200
 Delta R.T. -0.01 min
 Lab File: BG020518.D
 Acq: 26 Dec 2015 00:23

Tgt Ion:138 Resp: 8450
 Ion Ratio Lower Upper
 138 100
 92 0.0 45.2 67.8#
 108 4.1 75.4 113.0#

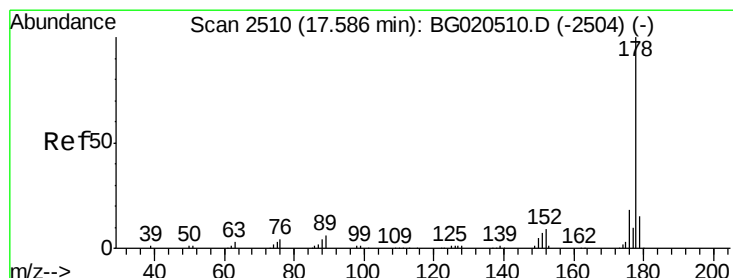
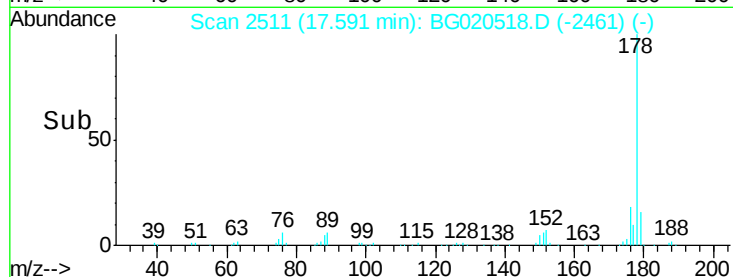
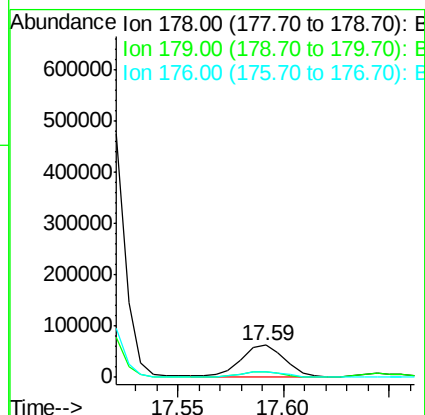
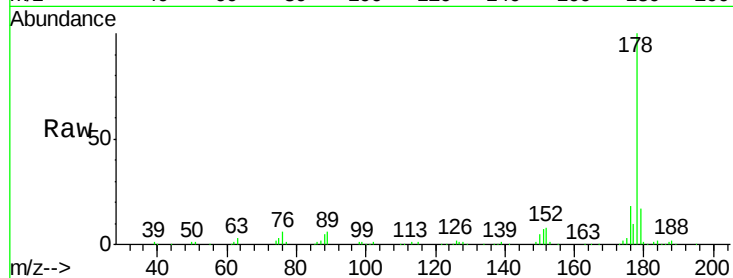




#70
Phenanthrene
Concen: 11.49 ng/ul
RT: 17.59 min Scan# 2511
Delta R.T. 0.09 min
Lab File: BG020518.D
Acq: 26 Dec 2015 00:23

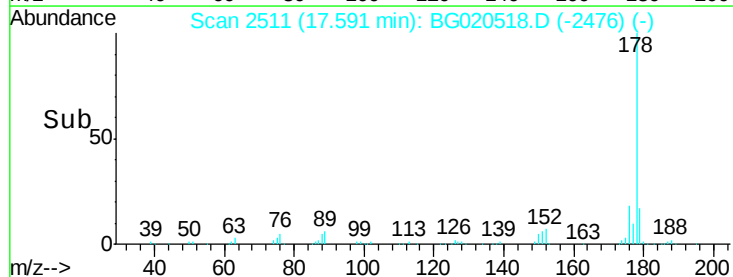
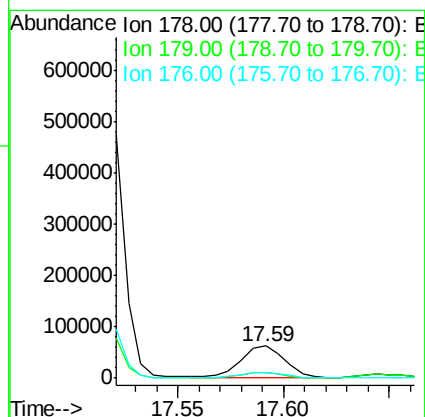
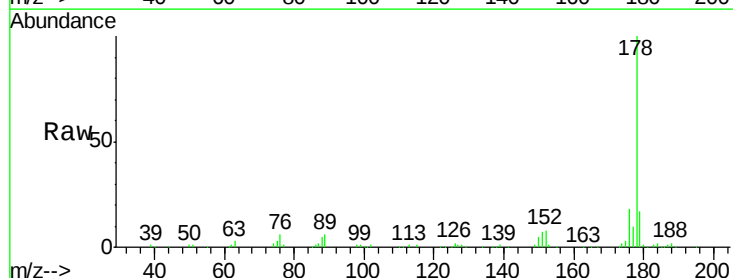
Instrument :
BNA_G
ClientSampleId :
D9N72

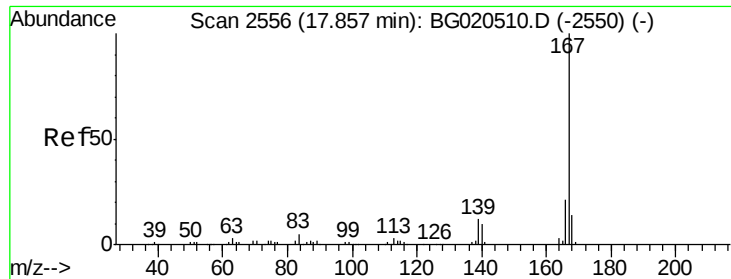
Tgt Ion:178 Resp: 91805
Ion Ratio Lower Upper
178 100
179 16.5 12.9 19.3
176 18.5 15.3 22.9



#72
Anthracene
Concen: 11.40 ng/ul
RT: 17.59 min Scan# 2511
Delta R.T. 0.01 min
Lab File: BG020518.D
Acq: 26 Dec 2015 00:23

Tgt Ion:178 Resp: 93180
Ion Ratio Lower Upper
178 100
179 16.5 12.3 18.5
176 18.5 14.3 21.5





#75

Carbazole

Concen: 118.48 ng/ul

RT: 17.87 min Scan# 2558

Delta R.T. 0.01 min

Lab File: BG020518.D

Acq: 26 Dec 2015 00:23

Instrument :

BNA_G

ClientSampleId :

D9N72

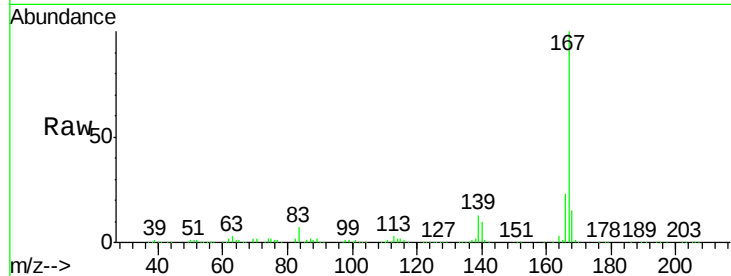
Tgt Ion:167 Resp: 815971

Ion Ratio Lower Upper

167 100

166 23.1 17.0 25.6

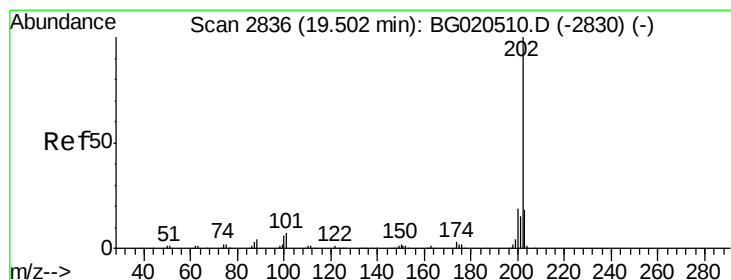
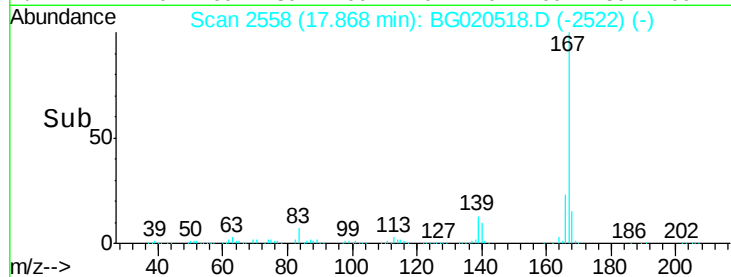
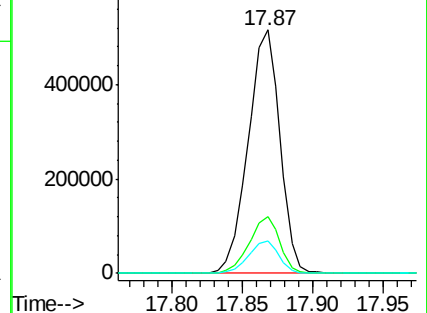
139 13.4 10.1 15.1



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



#77

Fluoranthene

Concen: 38.58 ng/ul

RT: 19.50 min Scan# 2836

Delta R.T. -0.00 min

Lab File: BG020518.D

Acq: 26 Dec 2015 00:23

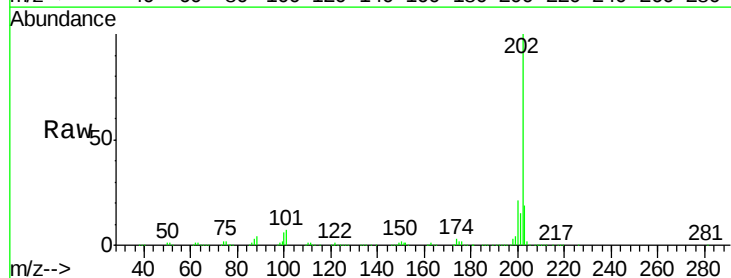
Tgt Ion:202 Resp: 387721

Ion Ratio Lower Upper

202 100

101 7.0 6.2 9.4

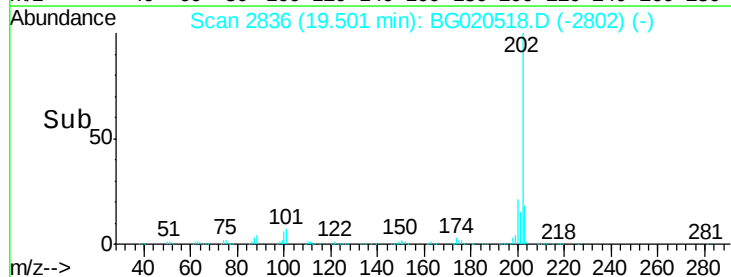
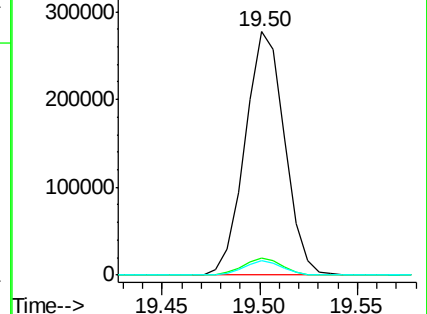
100 5.8 5.1 7.7

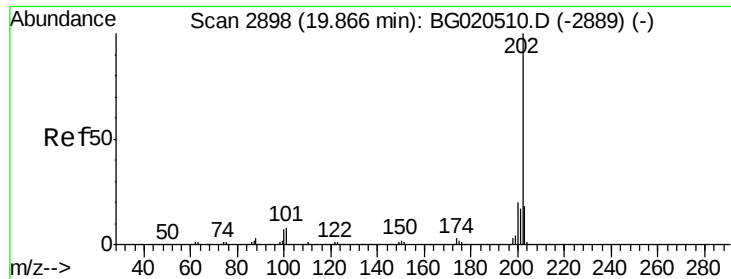


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#80

Pyrene

Concen: 22.05 ng/ul

RT: 19.87 min Scan# 2898

Delta R.T. -0.00 min

Lab File: BG020518.D

Acq: 26 Dec 2015 00:23

Instrument :

BNA_G

ClientSampleId :

D9N72

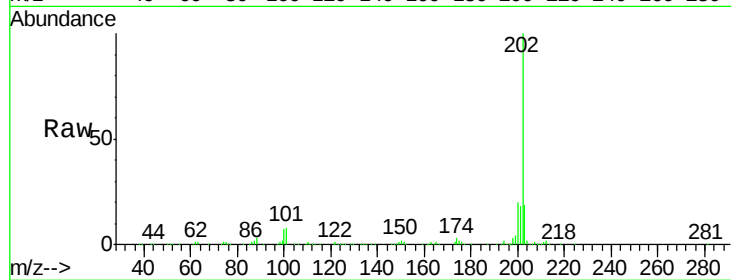
Tgt Ion:202 Resp: 230220

Ion Ratio Lower Upper

202 100

101 8.2 7.0 10.4

100 7.1 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

