

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122515\
 Data File : BG020503.D
 Acq On : 25 Dec 2015 13:50
 Operator : UM/SJ
 Sample : G4848-18DL 5X
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9N64DL

Quant Time: Dec 26 00:26:50 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG122415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Dec 26 00:23:26 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	16043	20.00	ng/ul	0.00
18) Naphthalene-d8	10.89	136	68084	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.71	164	52438	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.46	188	137851	20.00	ng/ul	0.00
78) Chrysene-d12	21.73	240	175506	20.00	ng/ul	0.00
86) Perylene-d12	24.99	264	169835	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.45	96	343	1.18	ng/uL	0.00
5) Phenol-d5	7.24	99	8497	6.60	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.40	67	5096	6.68	ng/ul	0.00
9) 2-Chlorophenol-d4	7.61	132	7051	7.14	ng/ul	0.00
13) 4-Methylphenol-d8	8.79	113	7591	7.01	ng/ul	0.00
19) Nitrobenzene-d5	9.25	128	3600	6.75	ng/ul	0.00
22) 2-Nitrophenol-d4	9.97	143	4411	7.27	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.51	165	8237	7.01	ng/ul	0.00
29) 4-Chloroaniline-d4	11.03	131	10572	7.88	ng/ul	0.00
44) Dimethylphthalate-d6	14.11	166	35760	8.27	ng/ul	0.00
47) Acenaphthylene-d8	14.40	160	40261	8.04	ng/ul	0.00
52) 4-Nitrophenol-d4	14.92	143	2771	3.85	ng/ul	0.00
58) Fluorene-d10	15.70	176	32508	8.32	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.82	200	4189	4.59	ng/ul	0.00
71) Anthracene-d10	17.55	188	56898	8.81	ng/ul	0.00
79) Pyrene-d10	19.83	212	69084	9.09	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.76	264	73670	8.58	ng/ul	0.00

Target Compounds

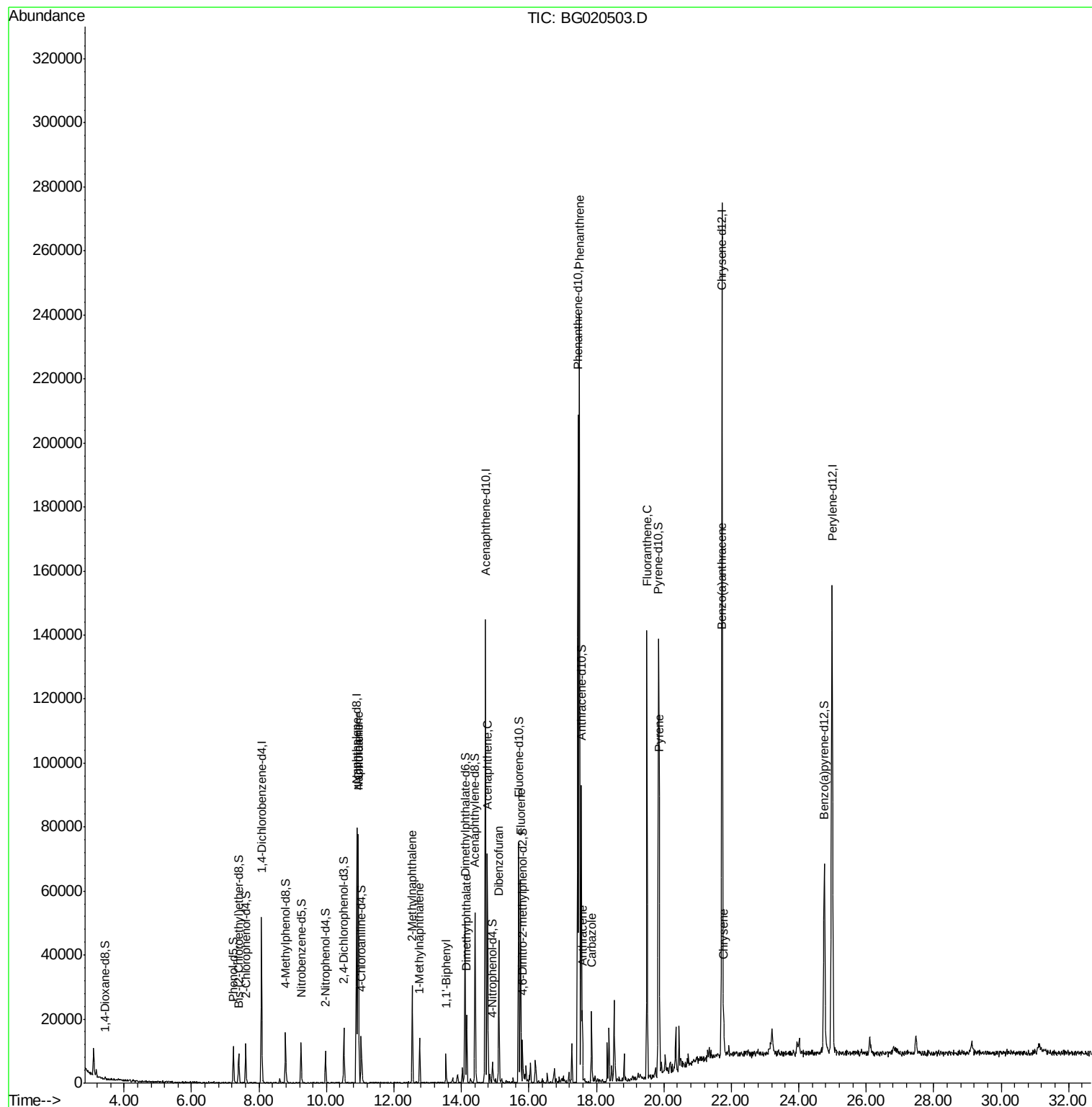
					Qvalue
28) Naphthalene	10.94	128	69600	19.23 ng/ul	98
30) 4-Chloroaniline	10.94	127	8737	6.46 ng/ul#	1
34) 2-Methylnaphthalene	12.55	142	16242	6.07 ng/ul	97
35) 1-Methylnaphthalene	12.76	142	8316	3.27 ng/ul	90
41) 1,1'-Biphenyl	13.54	154	6160	1.52 ng/ul#	93
45) Dimethylphthalate	14.16	163	15936	3.63 ng/ul	97
50) Acenaphthene	14.77	153	30492	8.57 ng/ul	93
54) Dibenzofuran	15.11	168	31556	5.96 ng/ul	98
59) Fluorene	15.75	166	30348	7.07 ng/ul	96
70) Phenanthrene	17.50	178	157559	20.54 ng/ul	99
72) Anthracene	17.59	178	17453	2.23 ng/ul	96
75) Carbazole	17.86	167	17284	2.61 ng/ul	96
77) Fluoranthene	19.50	202	92146	9.55 ng/ul	98
80) Pyrene	19.87	202	62721	6.32 ng/ul#	96
83) Benzo(a)anthracene	21.71	228	13639	1.32 ng/ul	98
85) Chrysene	21.77	228	11171	1.14 ng/ul	98

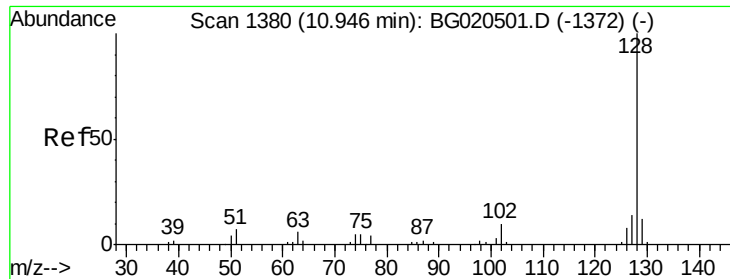
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Dec 26 00:23:26 2015
Response via : Initial Calibration

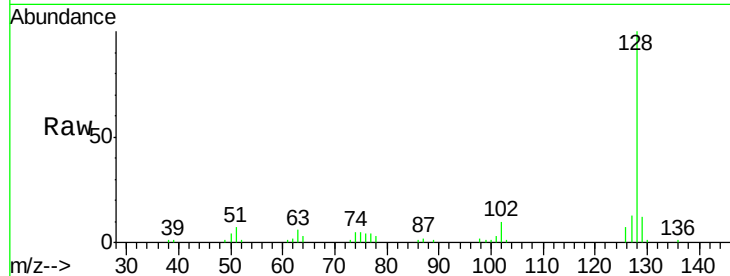




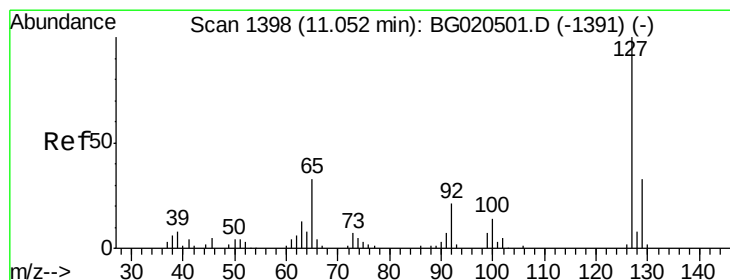
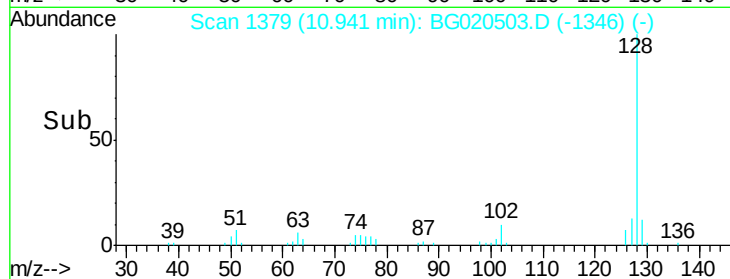
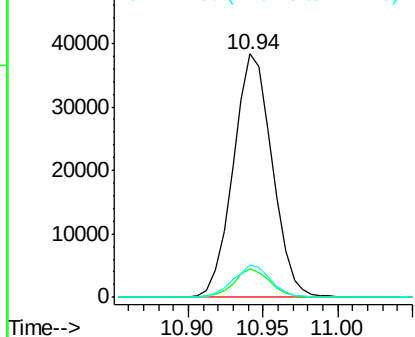
#28
Naphthalene
Concen: 19.23 ng/ul
RT: 10.94 min Scan# 1379
Delta R.T. -0.00 min
Lab File: BG020503.D
Acq: 25 Dec 2015 13:50

Instrument :
BNA_G
ClientSampleId :
D9N64DL

Tgt Ion:128 Resp: 69600
Ion Ratio Lower Upper
128 100
129 11.6 8.6 12.8
127 13.1 10.1 15.1

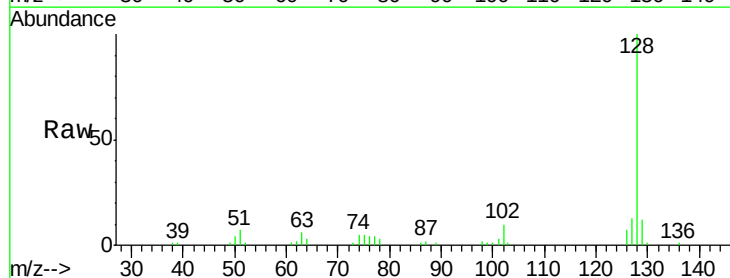


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

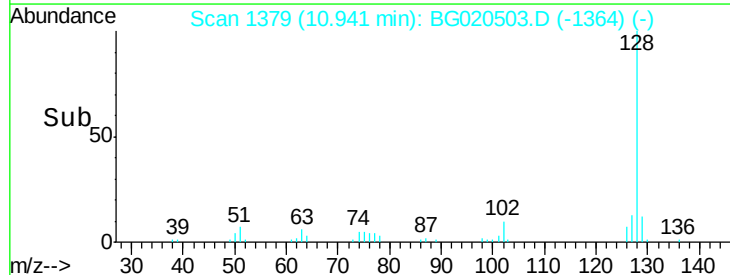
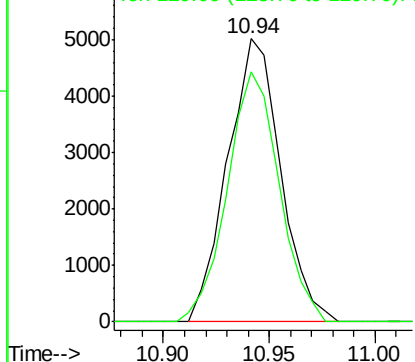


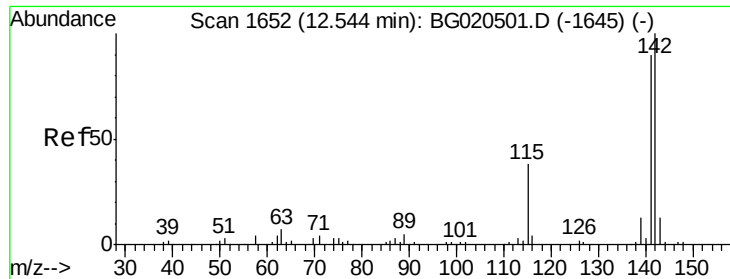
#30
4-Chloroaniline
Concen: 6.46 ng/ul
RT: 10.94 min Scan# 1379
Delta R.T. -0.11 min
Lab File: BG020503.D
Acq: 25 Dec 2015 13:50

Tgt Ion:127 Resp: 8737
Ion Ratio Lower Upper
127 100
129 88.5 25.7 38.5#



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

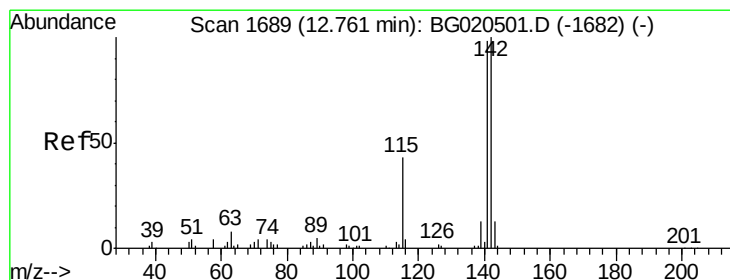
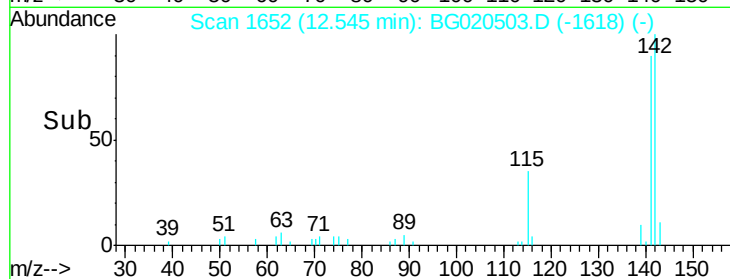
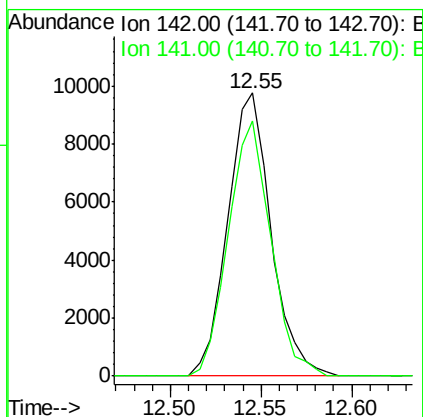
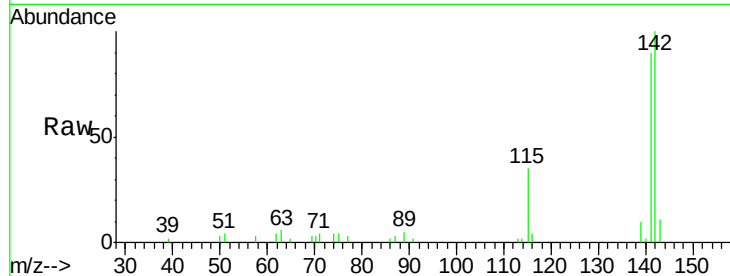




#34
 2-Methylnaphthalene
 Concen: 6.07 ng/ul
 RT: 12.55 min Scan# 1652
 Delta R.T. 0.00 min
 Lab File: BG020503.D
 Acq: 25 Dec 2015 13:50

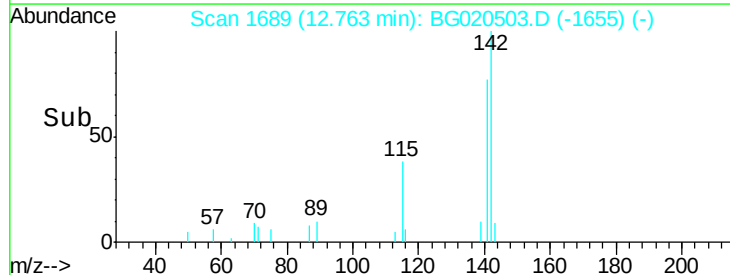
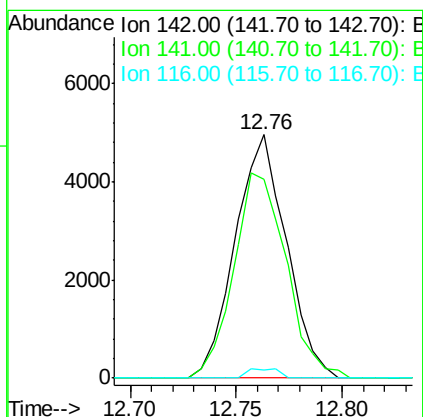
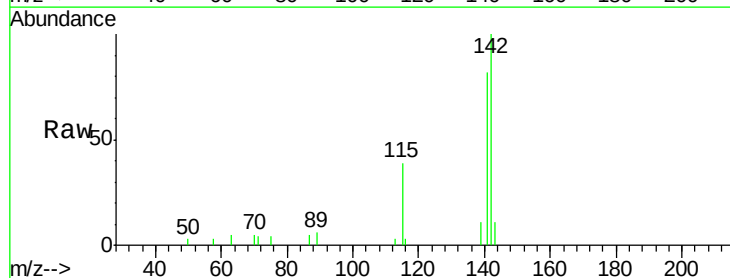
Instrument :
 BNA_G
 ClientSampleId :
 D9N64DL

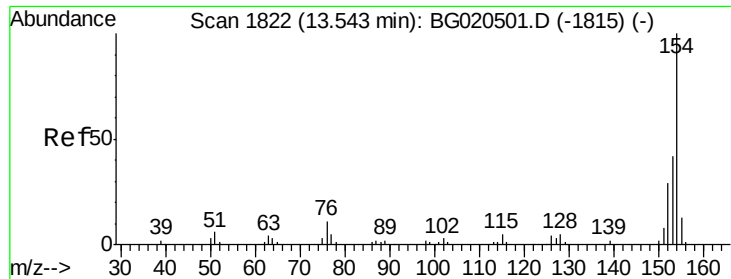
Tgt Ion:142 Resp: 16242
 Ion Ratio Lower Upper
 142 100
 141 90.4 74.9 112.3



#35
 1-Methylnaphthalene
 Concen: 3.27 ng/ul
 RT: 12.76 min Scan# 1689
 Delta R.T. 0.00 min
 Lab File: BG020503.D
 Acq: 25 Dec 2015 13:50

Tgt Ion:142 Resp: 8316
 Ion Ratio Lower Upper
 142 100
 141 81.5 73.0 109.6
 116 3.5 3.0 4.6

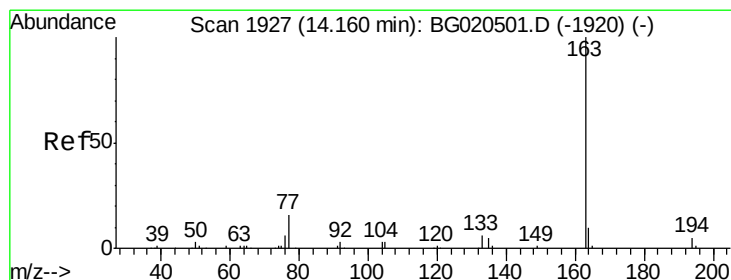
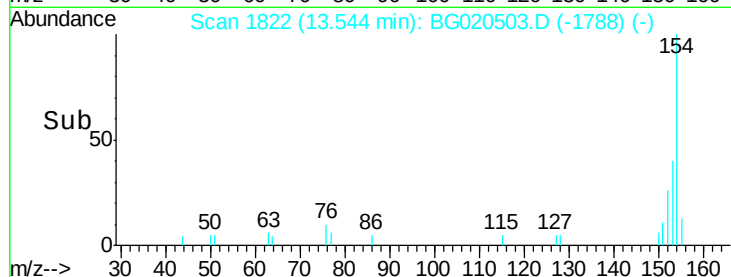
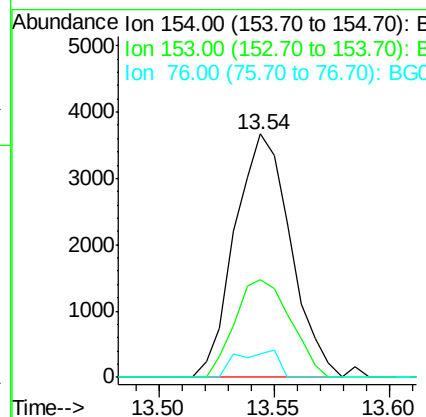
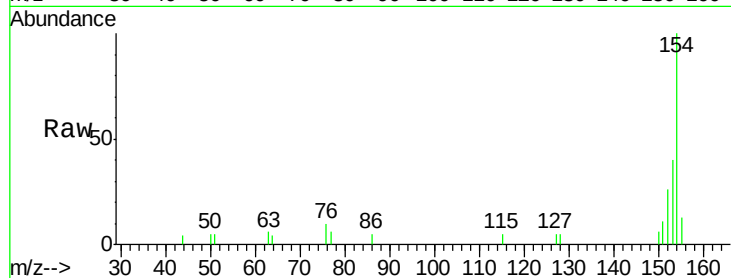




#41
 1,1'-Biphenyl
 Concen: 1.52 ng/ul
 RT: 13.54 min Scan# 1822
 Delta R.T. 0.00 min
 Lab File: BG020503.D
 Acq: 25 Dec 2015 13:50

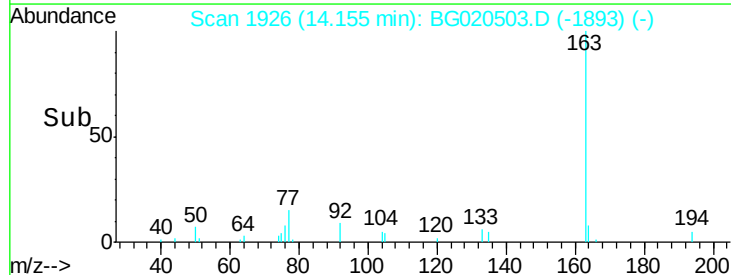
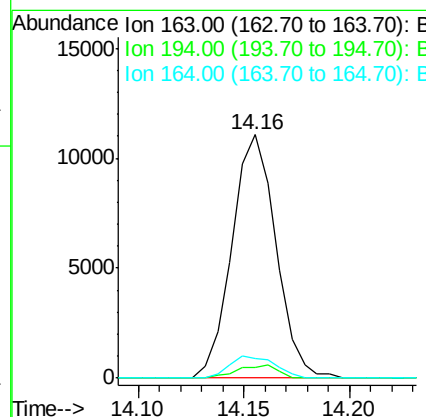
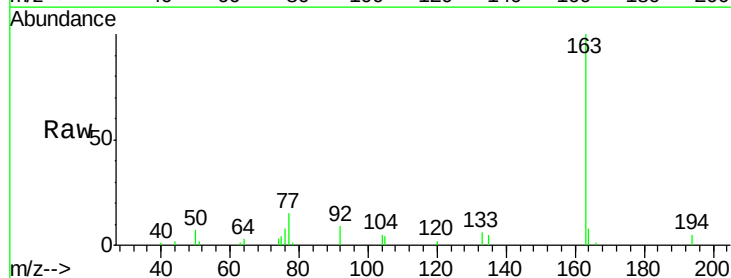
Instrument :
 BNA_G
 ClientSampleId :
 D9N64DL

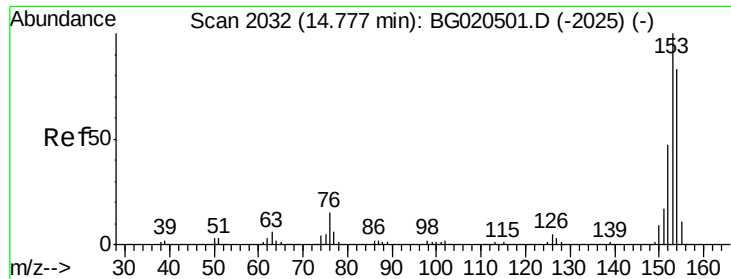
Tgt Ion:154 Resp: 6160
 Ion Ratio Lower Upper
 154 100
 153 40.2 35.5 53.3
 76 9.9 10.4 15.6#



#45
 Dimethylphthalate
 Concen: 3.63 ng/ul
 RT: 14.16 min Scan# 1926
 Delta R.T. -0.00 min
 Lab File: BG020503.D
 Acq: 25 Dec 2015 13:50

Tgt Ion:163 Resp: 15936
 Ion Ratio Lower Upper
 163 100
 194 4.6 3.5 5.3
 164 8.1 7.7 11.5





#50

Acenaphthene

Concen: 8.57 ng/ul

RT: 14.77 min Scan# 2031

Delta R.T. -0.00 min

Lab File: BG020503.D

Acq: 25 Dec 2015 13:50

Instrument :

BNA_G

ClientSampleId :

D9N64DL

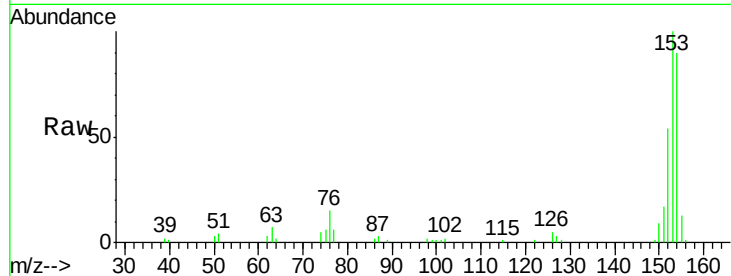
Tgt Ion:153 Resp: 30492

Ion Ratio Lower Upper

153 100

152 53.7 37.6 56.4

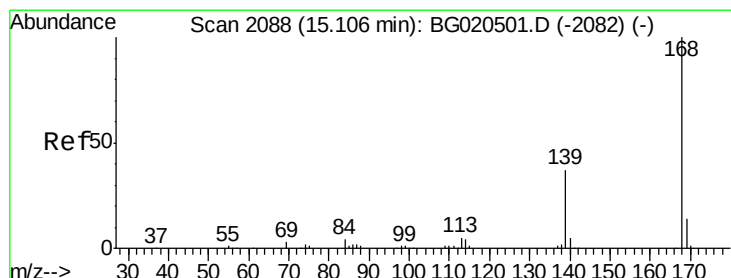
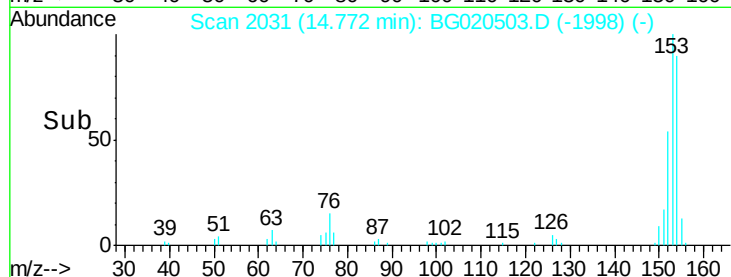
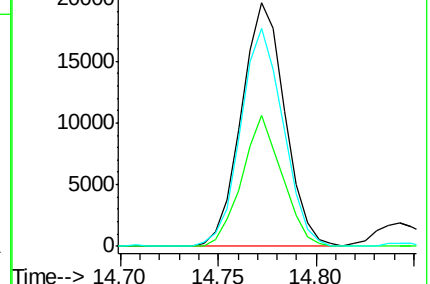
154 89.5 67.9 101.9



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: 5.96 ng/ul

RT: 15.11 min Scan# 2088

Delta R.T. 0.00 min

Lab File: BG020503.D

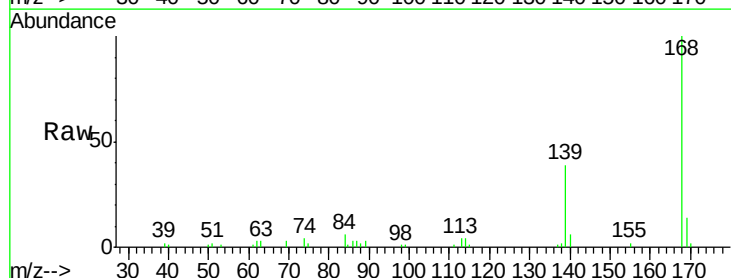
Acq: 25 Dec 2015 13:50

Tgt Ion:168 Resp: 31556

Ion Ratio Lower Upper

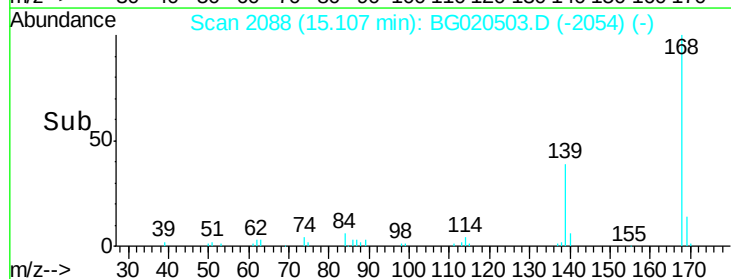
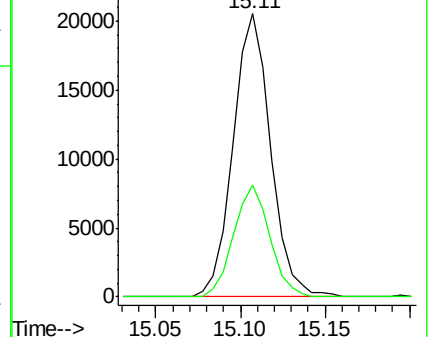
168 100

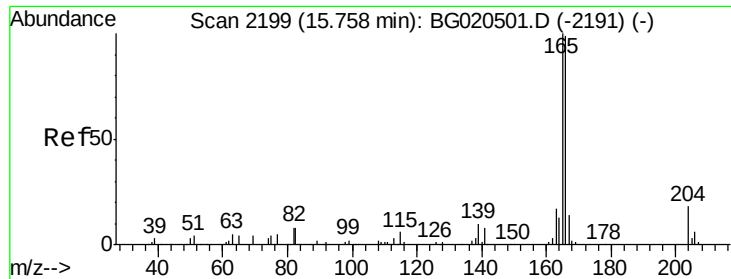
139 39.4 30.5 45.7



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E





#59

Fluorene

Concen: 7.07 ng/ul

RT: 15.75 min Scan# 2198

Delta R.T. -0.00 min

Lab File: BG020503.D

Acq: 25 Dec 2015 13:50

Instrument :

BNA_G

ClientSampleId :

D9N64DL

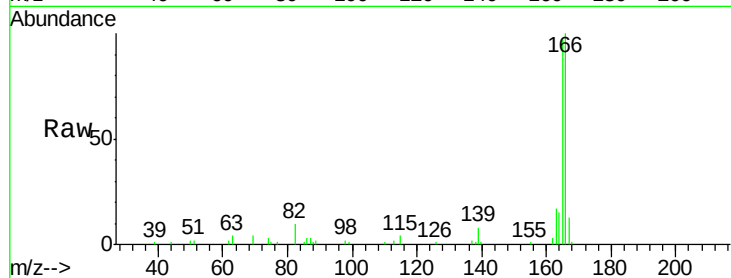
Tgt Ion:166 Resp: 30348

Ion Ratio Lower Upper

166 100

165 97.2 81.4 122.0

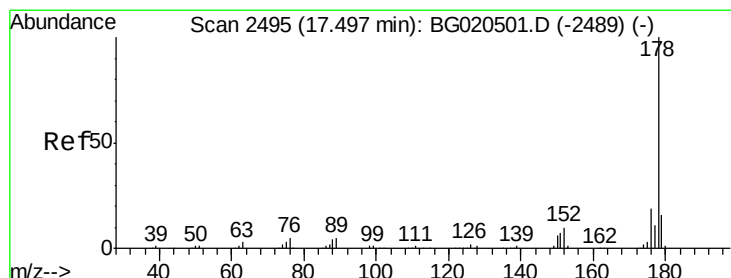
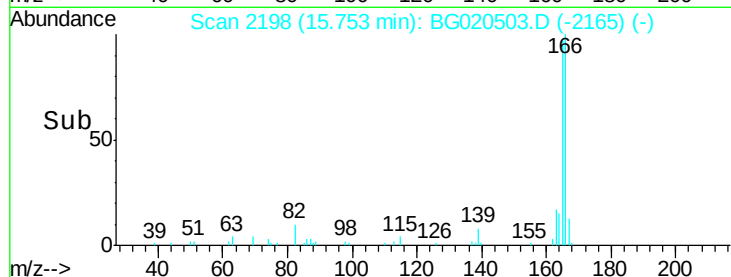
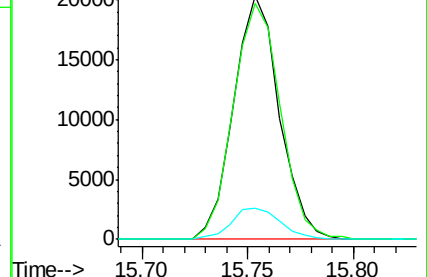
167 12.9 11.2 16.8



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: 20.54 ng/ul

RT: 17.50 min Scan# 2495

Delta R.T. 0.00 min

Lab File: BG020503.D

Acq: 25 Dec 2015 13:50

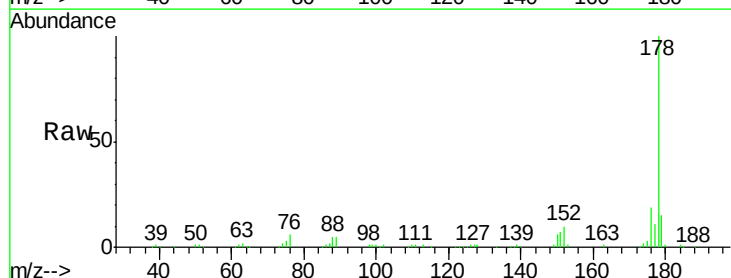
Tgt Ion:178 Resp: 157559

Ion Ratio Lower Upper

178 100

179 15.5 12.9 19.3

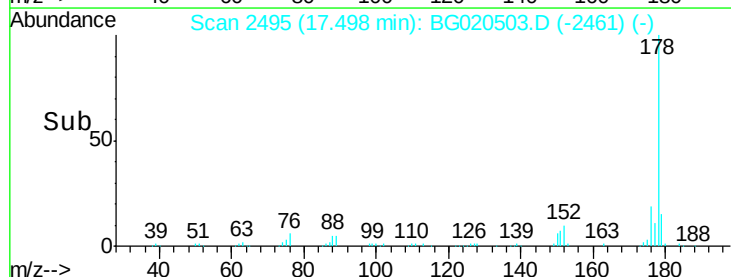
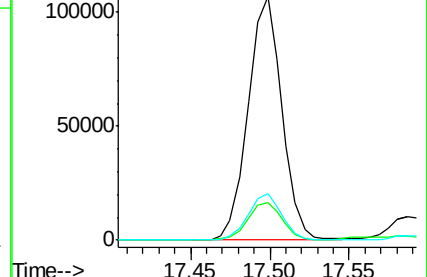
176 19.2 15.3 22.9

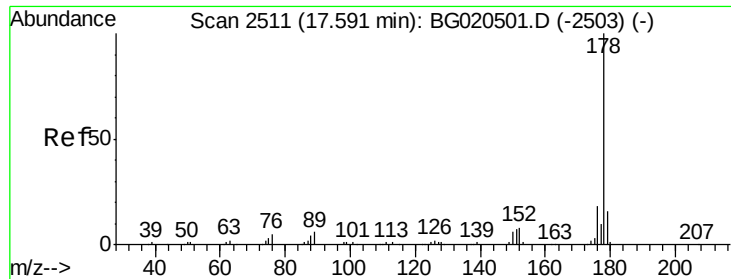


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#72

Anthracene

Concen: 2.23 ng/ul

RT: 17.59 min Scan# 2510

Delta R.T. -0.00 min

Lab File: BG020503.D

Acq: 25 Dec 2015 13:50

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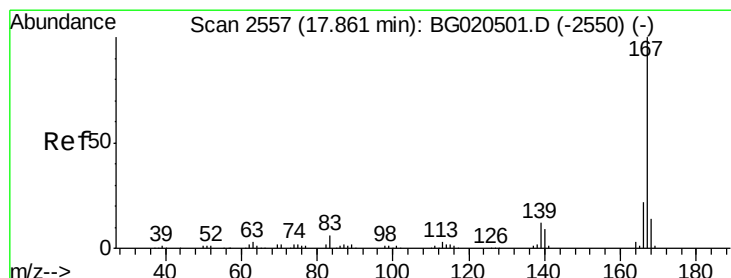
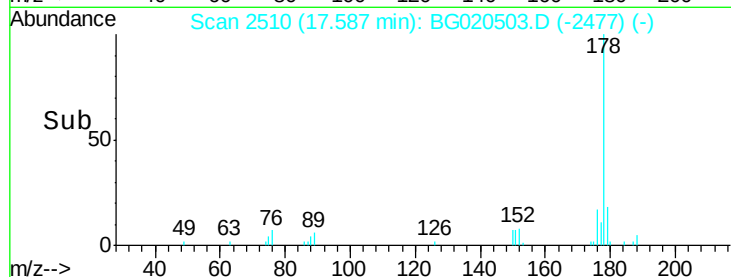
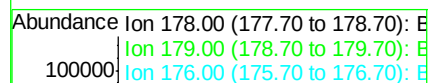
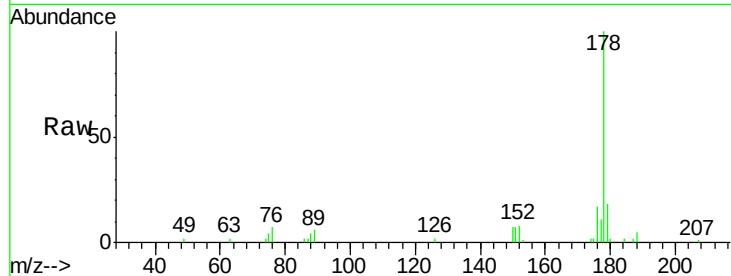
Tgt Ion:178 Resp: 17453

Ion Ratio Lower Upper

178 100

179 18.0 12.3 18.5

176 17.1 14.3 21.5



#75

Carbazole

Concen: 2.61 ng/ul

RT: 17.86 min Scan# 2556

Delta R.T. -0.00 min

Lab File: BG020503.D

Acq: 25 Dec 2015 13:50

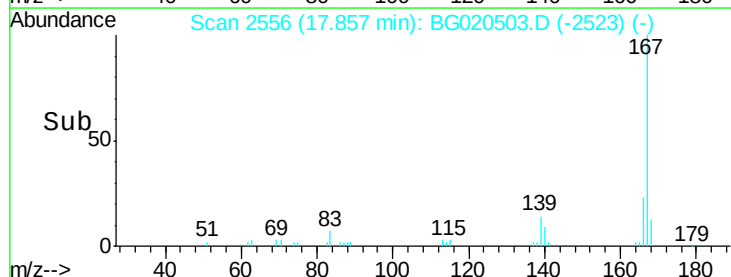
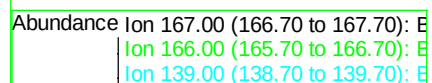
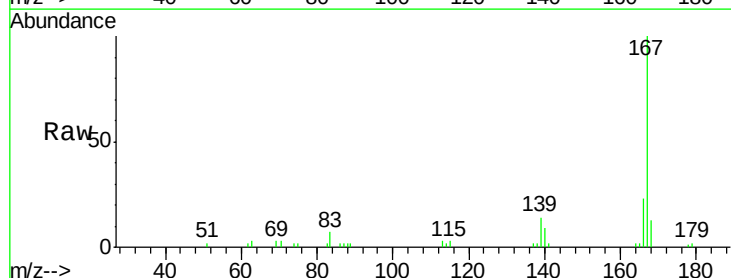
Tgt Ion:167 Resp: 17284

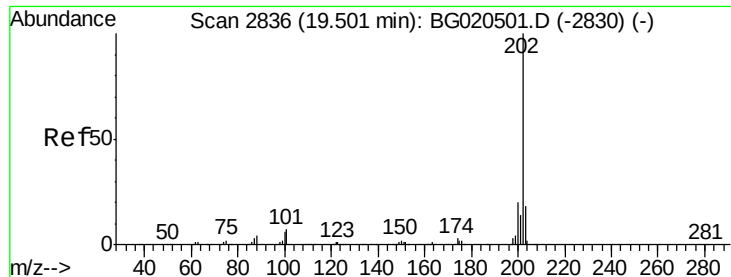
Ion Ratio Lower Upper

167 100

166 23.2 17.0 25.6

139 14.1 10.1 15.1





#77

Fluoranthene

Concen: 9.55 ng/ul

RT: 19.50 min Scan# 2836

Delta R.T. 0.00 min

Lab File: BG020503.D

Acq: 25 Dec 2015 13:50

Instrument :

BNA_G

ClientSampleId :

D9N64DL

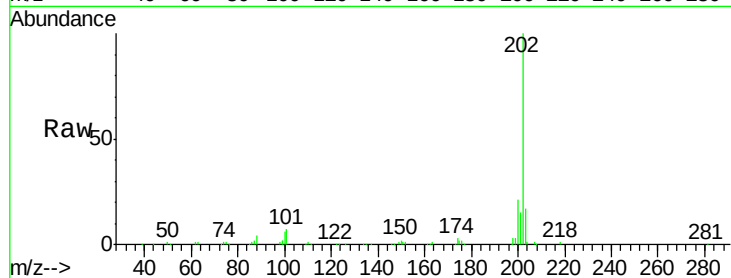
Tgt Ion:202 Resp: 92146

Ion Ratio Lower Upper

202 100

101 7.1 6.2 9.4

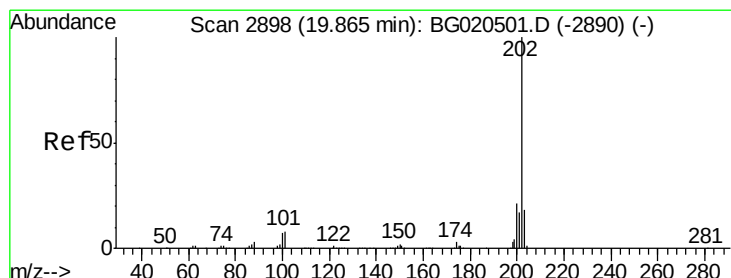
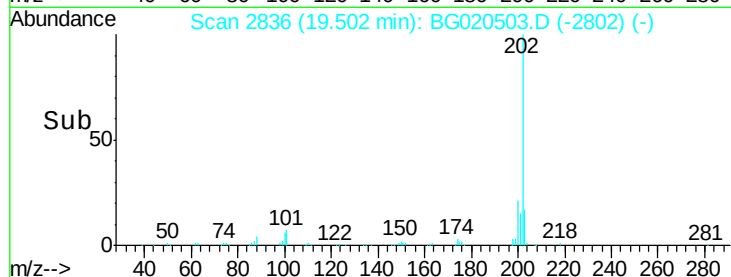
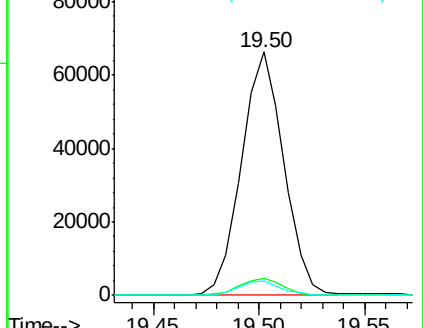
100 6.0 5.1 7.7



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: 6.32 ng/ul

RT: 19.87 min Scan# 2898

Delta R.T. 0.00 min

Lab File: BG020503.D

Acq: 25 Dec 2015 13:50

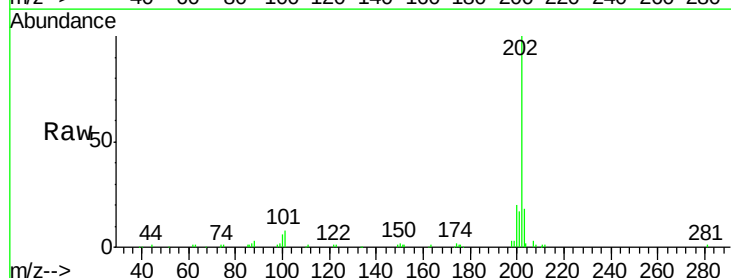
Tgt Ion:202 Resp: 62721

Ion Ratio Lower Upper

202 100

101 8.0 7.0 10.4

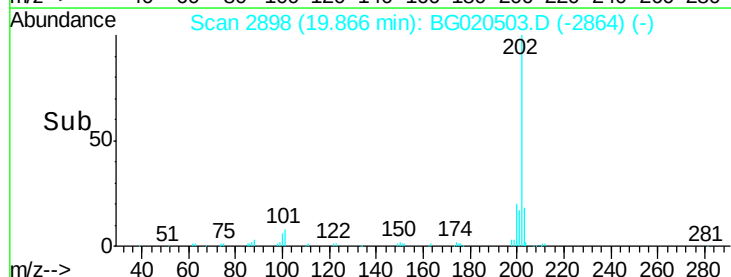
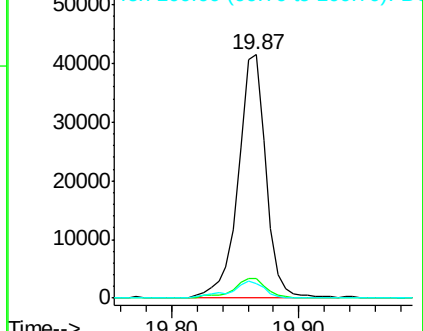
100 6.1 6.4 9.6#

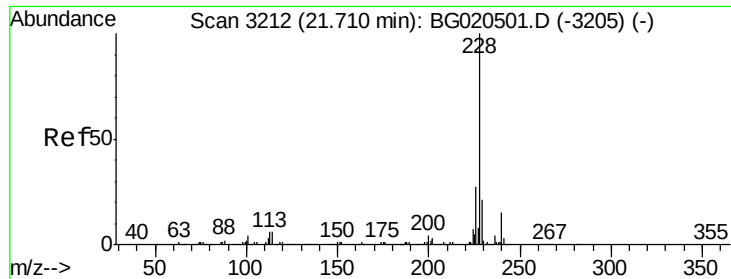


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#83

Benzo(a)anthracene

Concen: 1.32 ng/ul

RT: 21.71 min Scan# 3211

Delta R.T. -0.00 min

Lab File: BG020503.D

Acq: 25 Dec 2015 13:50

Instrument :

BNA_G

ClientSampleId :

D9N64DL

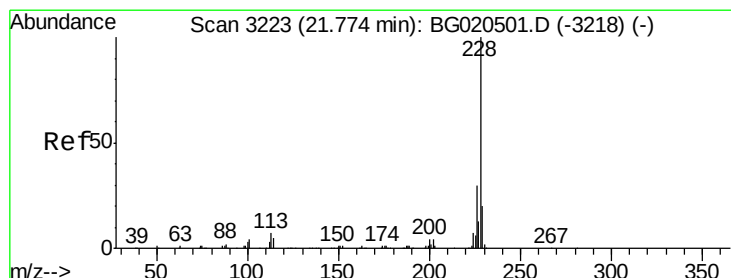
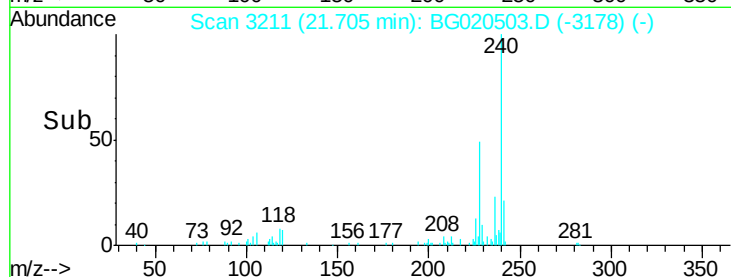
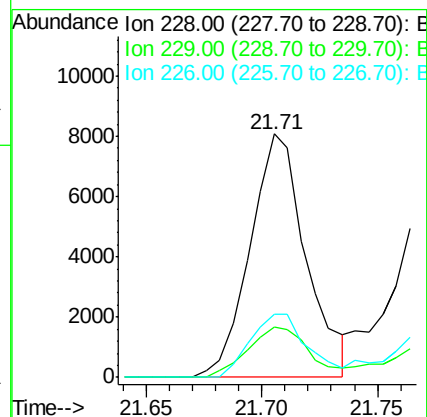
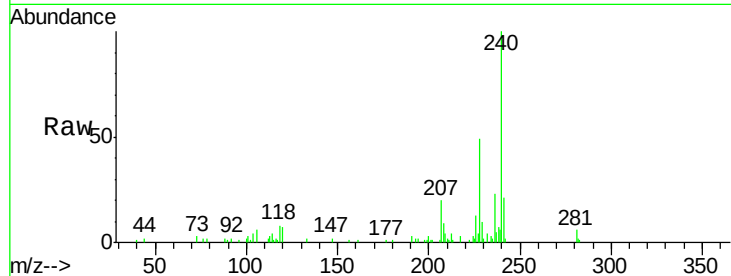
Tgt Ion:228 Resp: 13639

Ion Ratio Lower Upper

228 100

229 20.5 15.8 23.8

226 26.1 21.8 32.6



#85

Chrysene

Concen: 1.14 ng/ul

RT: 21.77 min Scan# 3222

Delta R.T. -0.00 min

Lab File: BG020503.D

Acq: 25 Dec 2015 13:50

Tgt Ion:228 Resp: 11171

Ion Ratio Lower Upper

228 100

226 28.5 23.9 35.9

229 19.8 15.6 23.4

