

Data Path : Z:\HPCHEM1\BNA G\DATA\BG110915\
 Data File : BG019534.D
 Acq On : 9 Nov 2015 15:53
 Operator : UM/NP
 Sample : G4245-17DL 5X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BCY52DL

Quant Time: Nov 10 00:17:15 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102815.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Nov 10 00:14:14 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	30522	20.00	ng/ul	0.00
18) Naphthalene-d8	11.01	136	131540	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.81	164	106163	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.55	188	296819	20.00	ng/ul	0.00
78) Chrysene-d12	21.83	240	418069	20.00	ng/ul	0.00
86) Perylene-d12	25.18	264	401616	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	7.32	99	2945	1.05	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.48	67	12452	7.01	ng/ul	0.00
9) 2-Chlorophenol-d4	7.70	132	9686	5.54	ng/ul	0.00
13) 4-Methylphenol-d8	8.87	113	7198	3.23	ng/ul	0.00
19) Nitrobenzene-d5	9.34	128	8212	8.49	ng/ul	0.00
22) 2-Nitrophenol-d4	10.08	143	6605	5.76	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.62	165	13248	5.32	ng/ul	0.00
29) 4-Chloroaniline-d4	11.15	131	9811	3.90	ng/ul	0.01
44) Dimethylphthalate-d6	14.20	166	62456	7.14	ng/ul	0.00
47) Acenaphthylene-d8	14.50	160	67683	6.98	ng/ul	0.00
52) 4-Nitrophenol-d4	14.98	143	3499	2.52	ng/ul	0.00
58) Fluorene-d10	15.79	176	54813	6.77	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.90	200	10550	5.49	ng/ul	0.00
71) Anthracene-d10	17.64	188	95006	7.02	ng/ul	0.00
79) Pyrene-d10	19.92	212	118060	6.45	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.93	264	67107	3.33	ng/ul	-0.02

Target Compounds

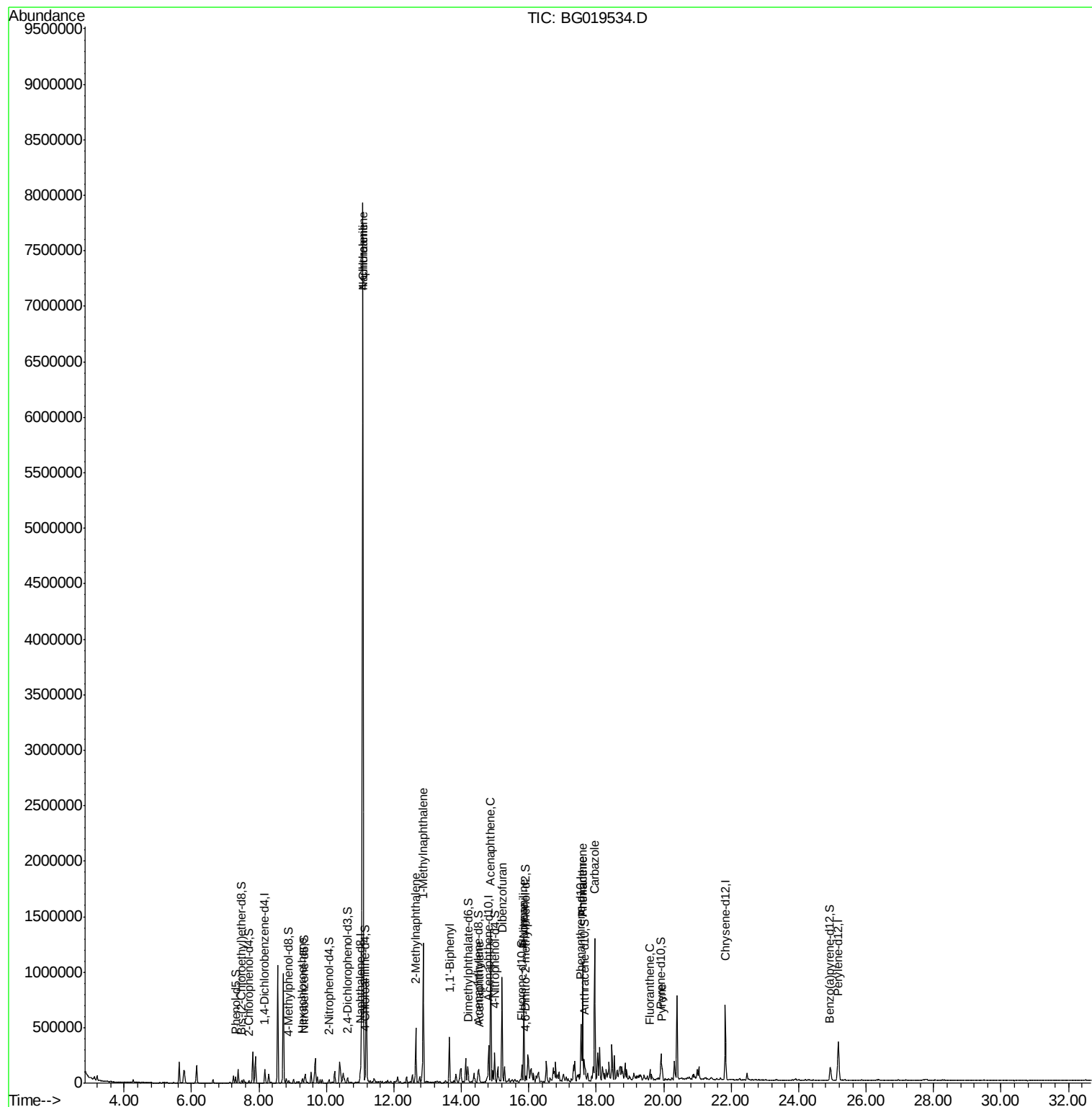
						Ovalue
17) Hexachloroethane	9.29	117	6690	7.11	ng/ul#	1
28) Naphthalene	11.09	128	5296942	804.81	ng/ul#	63
30) 4-Chloroaniline	11.09	127	1231145	466.29	ng/ul#	6
34) 2-Methylnaphthalene	12.65	142	189776	35.88	ng/ul	96
35) 1-Methylnaphthalene	12.87	142	506120	101.14	ng/ul	98
41) 1,1'-Biphenyl	13.64	154	195438	26.04	ng/ul#	95
48) Acenaphthylene	14.53	152	25420	2.56	ng/ul#	87
50) Acenaphthene	14.87	153	539149	80.39	ng/ul	99
54) Dibenzofuran	15.20	168	557471	56.44	ng/ul	95
59) Fluorene	15.85	166	349115	40.52	ng/ul	96
61) 4-Nitroaniline	15.85	138	4607	2.57	ng/ul#	1
70) Phenanthrene	17.59	178	561893	37.51	ng/ul	97
72) Anthracene	17.59	178	561893	36.80	ng/ul	96
75) Carbazole	17.95	167	760256	62.40	ng/ul	96
77) Fluoranthene	19.59	202	53049	2.74	ng/ul#	92
80) Pyrene	19.95	202	30562	1.30	ng/ul#	92

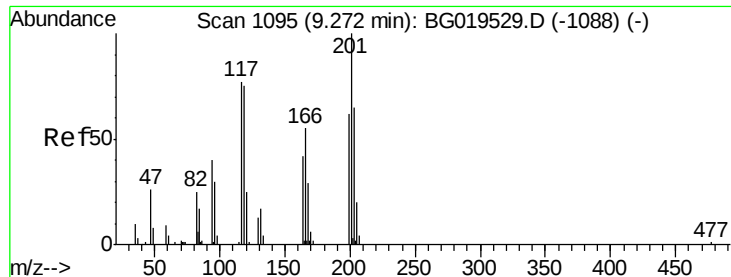
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#17

Hexachloroethane

Concen: 7.11 ng/ul

RT: 9.29 min Scan# 1098

Delta R.T. 0.02 min

Lab File: BG019534.D

Acq: 9 Nov 2015 15:53

Instrument :

BNA_G

ClientSampleId :

BCY52DL

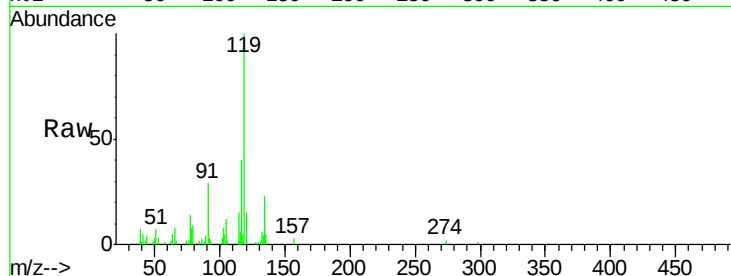
Tot Ion:117 Resp: 6690

Ion Ratio Lower Upper

117 100

201 0.0 101.4 152.0#

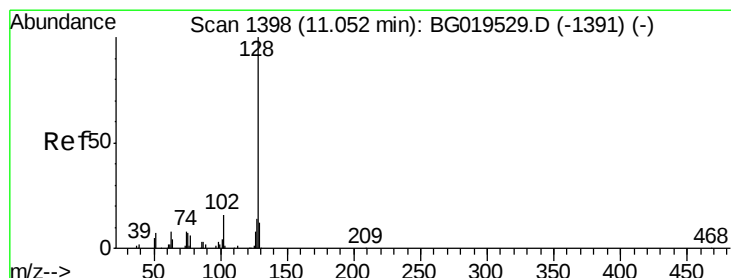
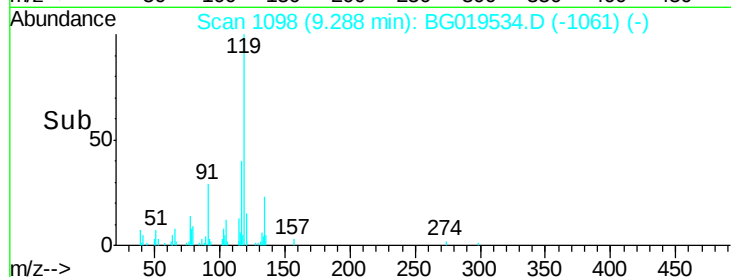
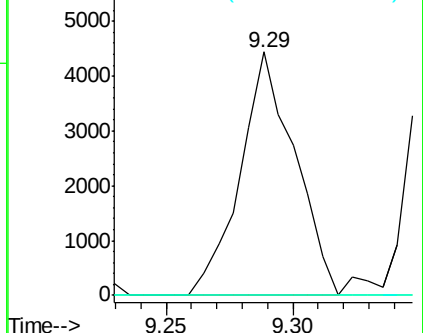
199 0.0 71.7 107.5#



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: 804.81 ng/ul

RT: 11.09 min Scan# 1404

Delta R.T. 0.03 min

Lab File: BG019534.D

Acq: 9 Nov 2015 15:53

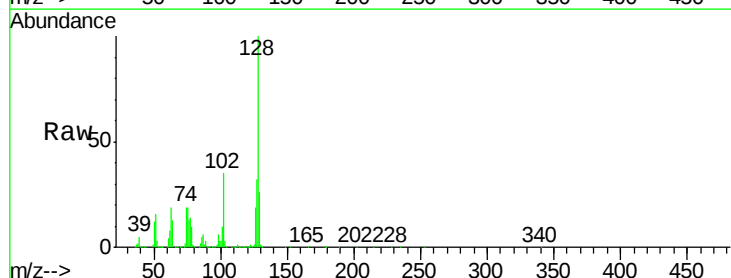
Tgt Ion:128 Resp: 5296942

Ion Ratio Lower Upper

128 100

129 26.0 8.9 13.3#

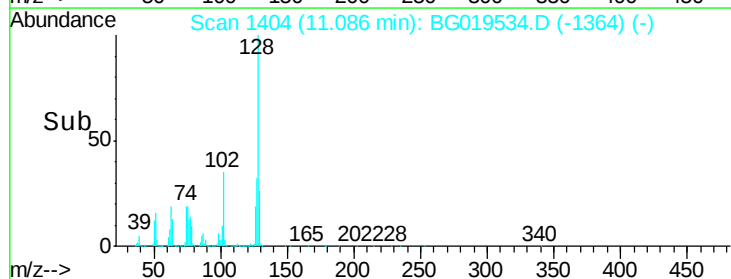
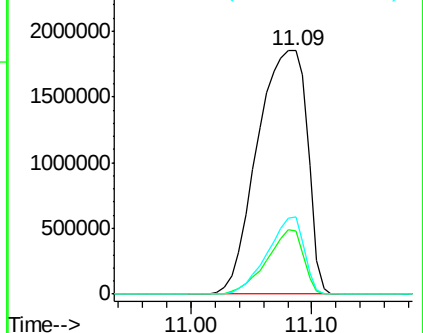
127 31.6 13.1 19.7#

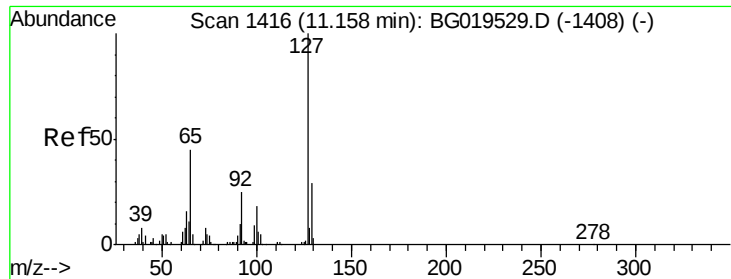


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

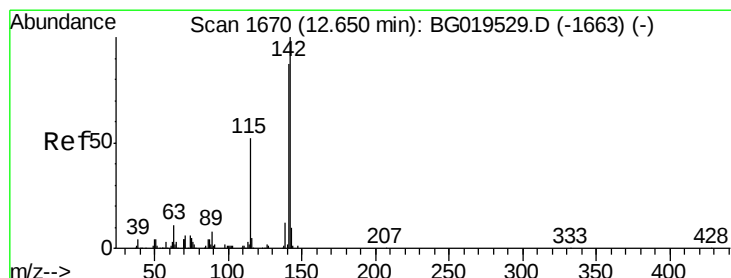
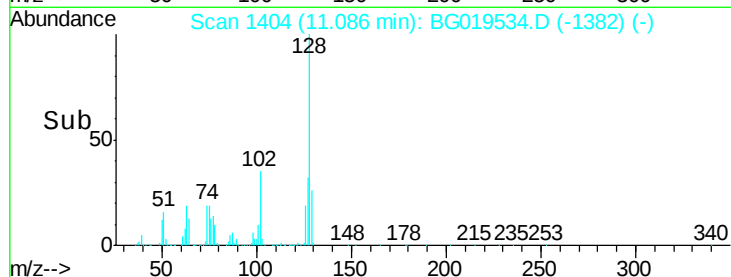
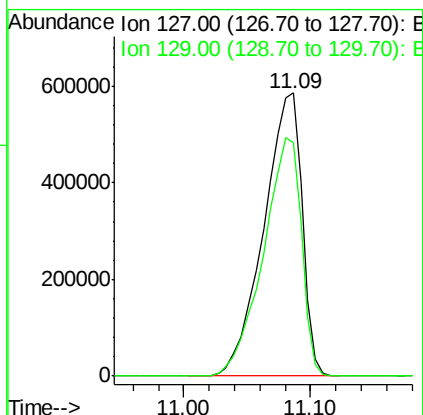
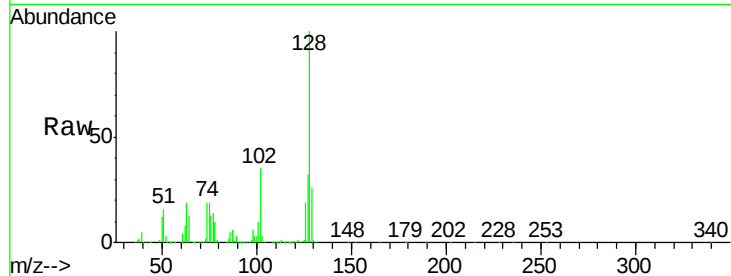




#30
 4-Chloroaniline
 Concen: 466.29 ng/ul
 RT: 11.09 min Scan# 1404
 Delta R.T. -0.07 min
 Lab File: BG019534.D
 Acq: 9 Nov 2015 15:53

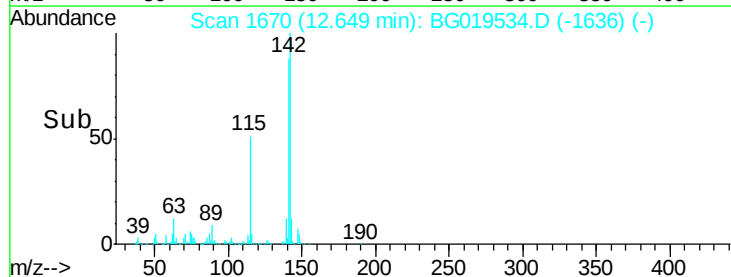
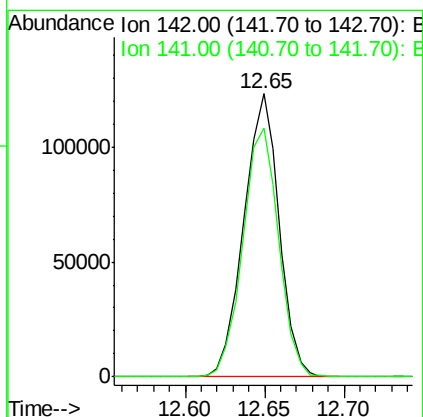
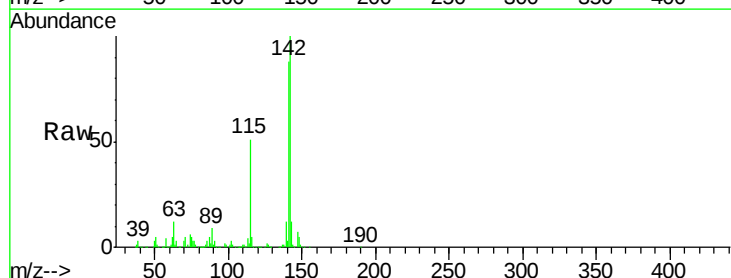
Instrument :
 BNA_G
 ClientSampleId :
 BCY52DL

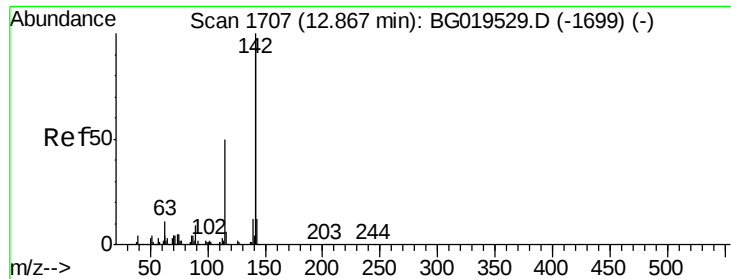
Tot Ion:127 Resp: 1231145
 Ion Ratio Lower Upper
 127 100
 129 82.4 24.6 36.8#



#34
 2-Methylnaphthalene
 Concen: 35.88 ng/ul
 RT: 12.65 min Scan# 1670
 Delta R.T. -0.00 min
 Lab File: BG019534.D
 Acq: 9 Nov 2015 15:53

Tgt Ion:142 Resp: 189776
 Ion Ratio Lower Upper
 142 100
 141 87.9 73.4 110.2

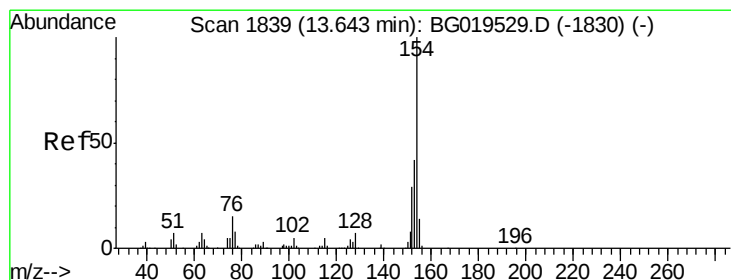
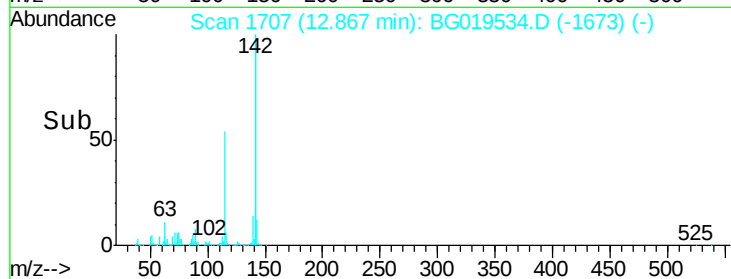
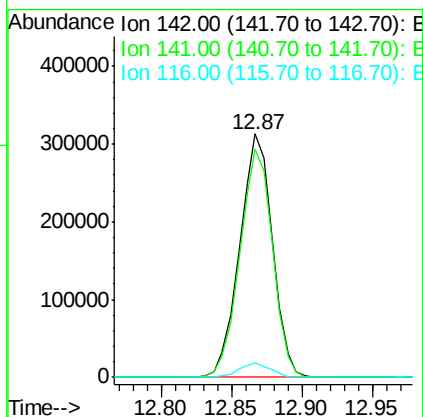
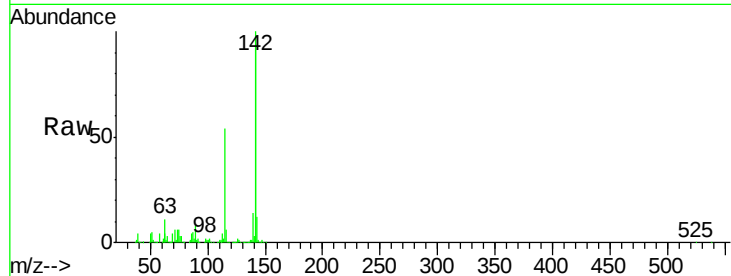




#35
 1-Methylnaphthalene
 Concen: 101.14 ng/ul
 RT: 12.87 min Scan# 1707
 Delta R.T. -0.00 min
 Lab File: BG019534.D
 Acq: 9 Nov 2015 15:53

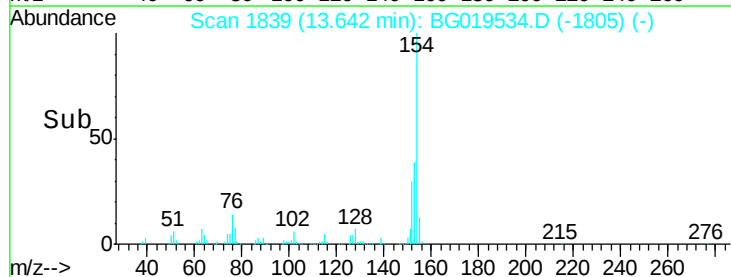
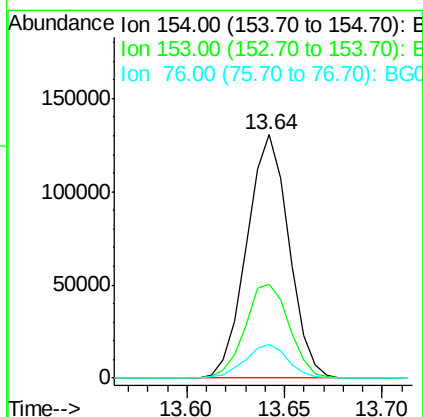
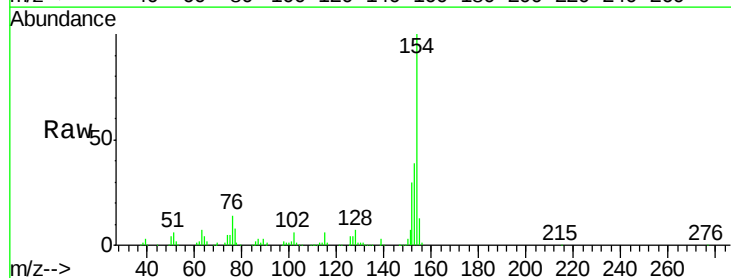
Instrument :
 BNA_G
 ClientSampleId :
 BCY52DL

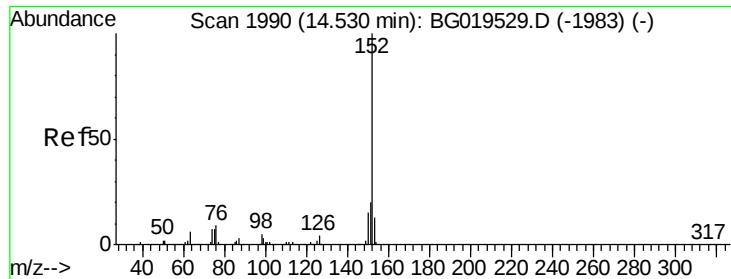
Tot Ion	Ratio	Lower	Upper
142	100		
141	93.7	76.5	114.7
116	6.1	5.4	8.0



#41
 1,1'-Biphenyl
 Concen: 26.04 ng/ul
 RT: 13.64 min Scan# 1839
 Delta R.T. -0.00 min
 Lab File: BG019534.D
 Acq: 9 Nov 2015 15:53

Tgt Ion	Ratio	Lower	Upper
154	100		
153	38.6	32.8	49.2
76	14.0	7.7	11.5





#48

Acenaphthylene

Concen: 2.56 ng/ul

RT: 14.53 min Scan# 1990

Delta R.T. -0.00 min

Lab File: BG019534.D

Acq: 9 Nov 2015 15:53

Instrument :

BNA_G

ClientSampleId :

BCY52DL

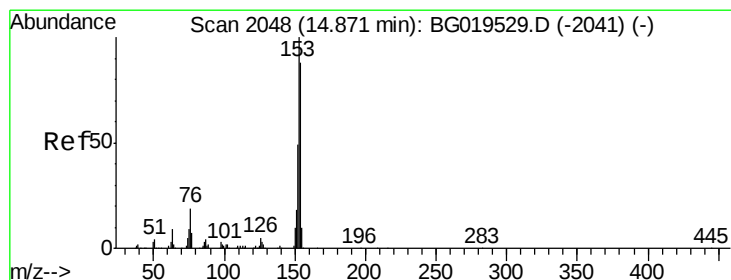
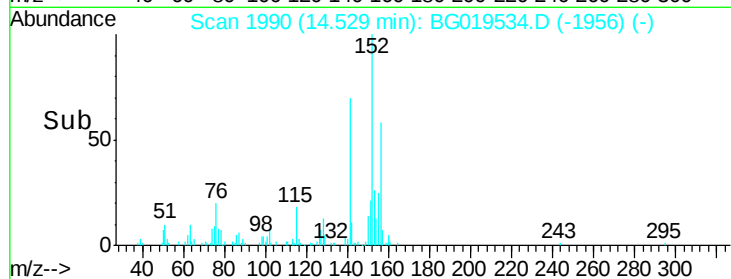
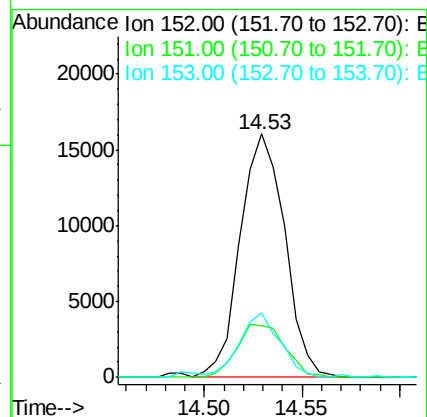
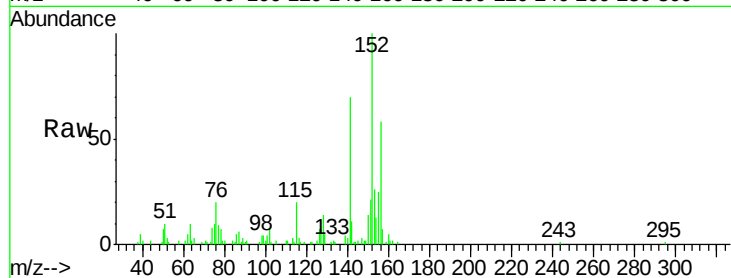
Tot Ion:152 Resp: 25420

Ion Ratio Lower Upper

152 100

151 21.3 16.9 25.3

153 26.4 10.8 16.2#



#50

Acenaphthene

Concen: 80.39 ng/ul

RT: 14.87 min Scan# 2048

Delta R.T. -0.00 min

Lab File: BG019534.D

Acq: 9 Nov 2015 15:53

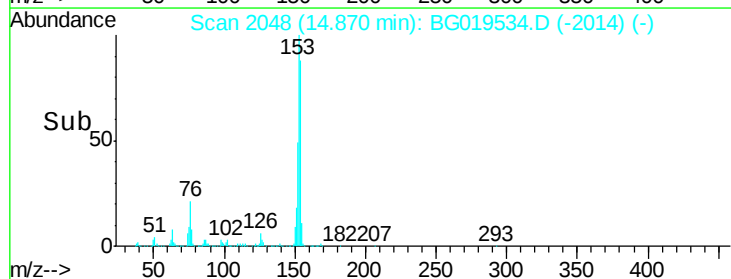
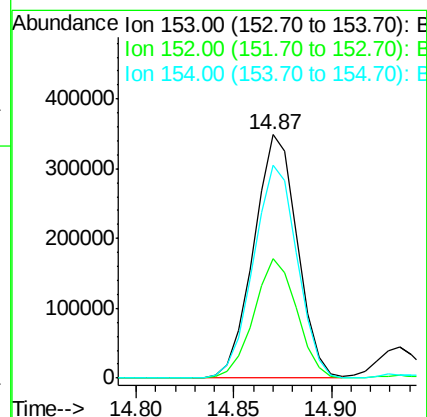
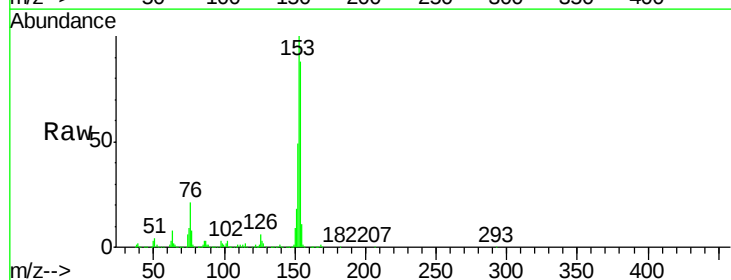
Tgt Ion:153 Resp: 539149

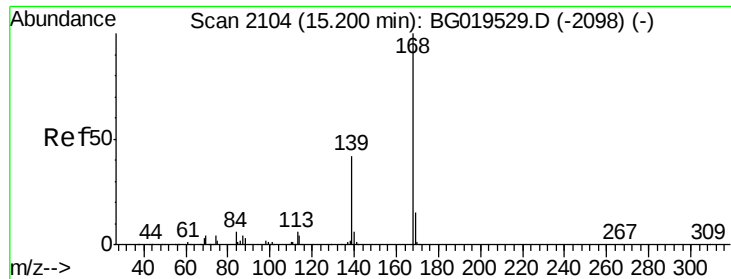
Ion Ratio Lower Upper

153 100

152 48.8 38.8 58.2

154 87.6 71.5 107.3





#54

Dibenzenofuran

Concen: 56.44 ng/ul

RT: 15.20 min Scan# 2105

Delta R.T. 0.01 min

Lab File: BG019534.D

Acq: 9 Nov 2015 15:53

Instrument :

BNA_G

ClientSampleId :

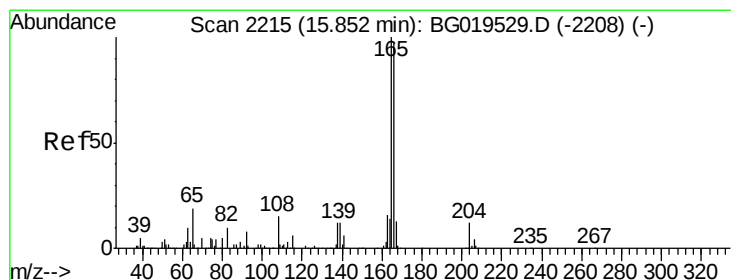
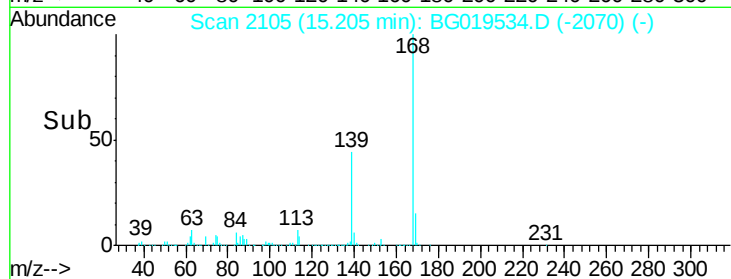
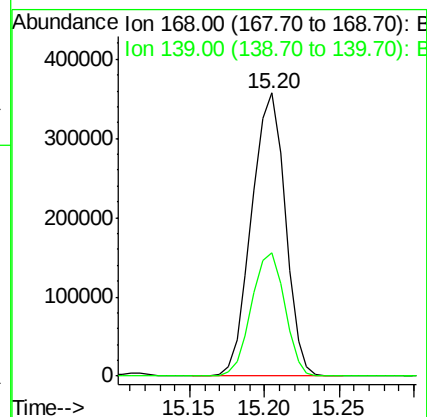
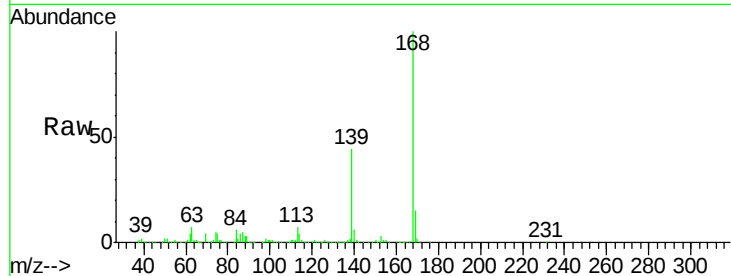
BCY52DL

Tot Ion:168 Resp: 557471

Ion Ratio Lower Upper

168 100

139 43.7 32.4 48.6



#59

Fluorene

Concen: 40.52 ng/ul

RT: 15.85 min Scan# 2215

Delta R.T. -0.00 min

Lab File: BG019534.D

Acq: 9 Nov 2015 15:53

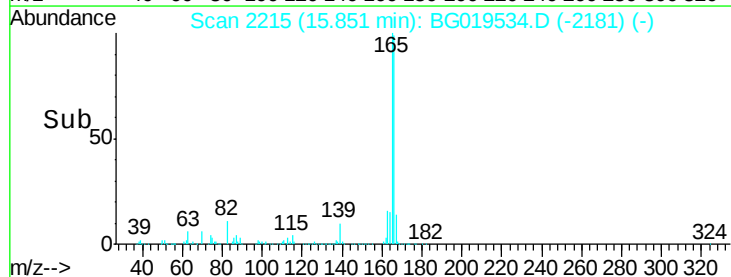
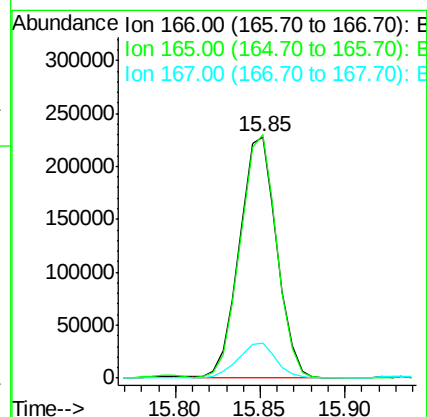
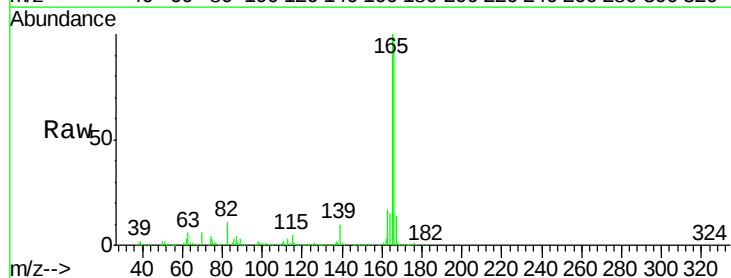
Tgt Ion:166 Resp: 349115

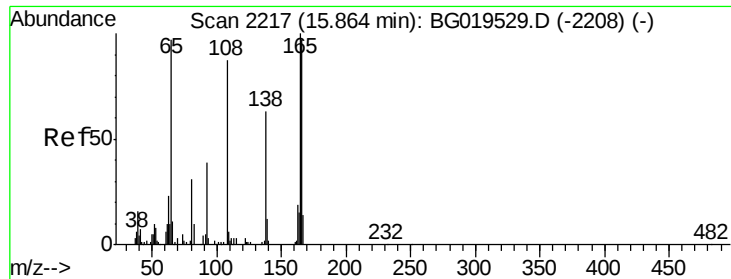
Ion Ratio Lower Upper

166 100

165 100.8 77.6 116.4

167 14.4 9.6 14.4

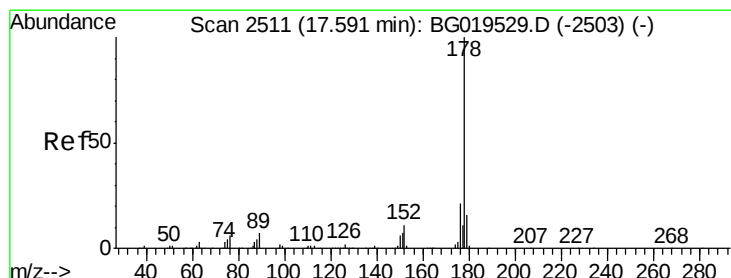
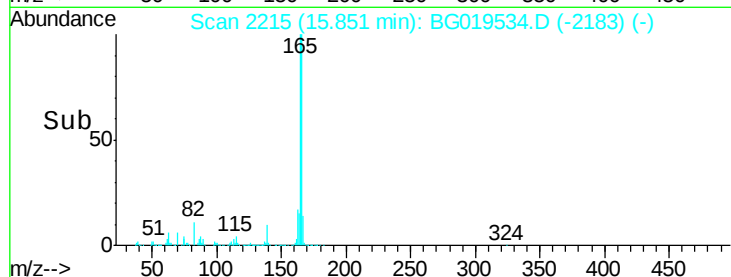
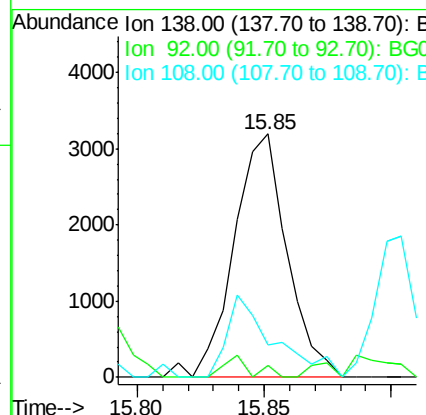
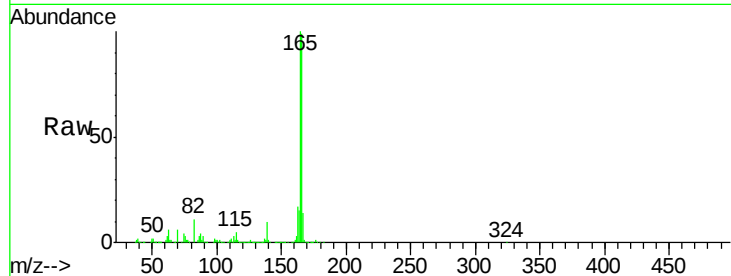




#61
4-Nitroaniline
Concen: 2.57 ng/ul
RT: 15.85 min Scan# 2215
Delta R.T. -0.01 min
Lab File: BG019534.D
Acq: 9 Nov 2015 15:53

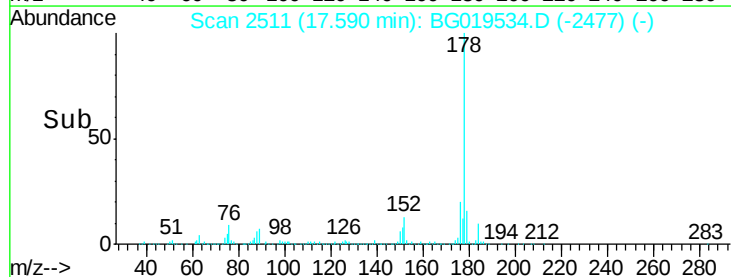
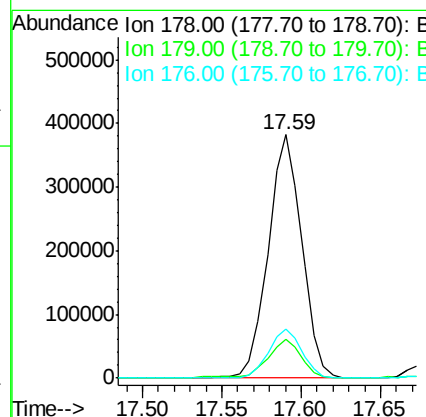
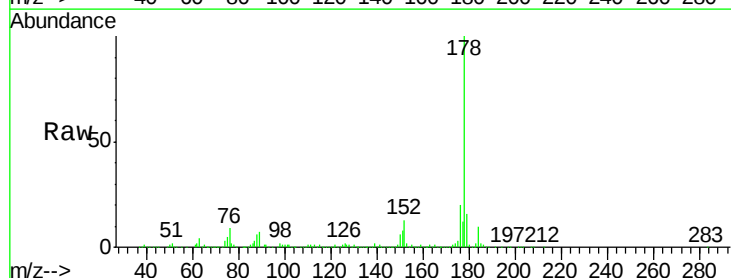
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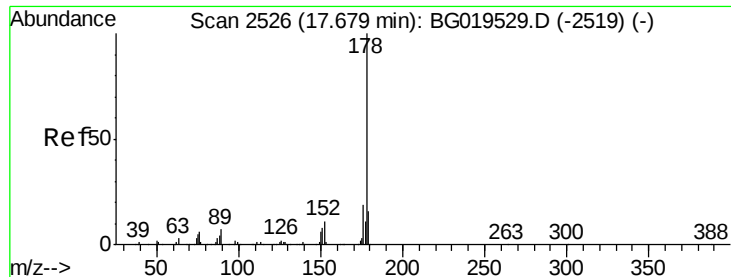
Tot Ion:138 Resp: 4607
Ion Ratio Lower Upper
138 100
92 5.0 53.9 80.9#
108 13.3 122.5 183.7#



#70
Phenanthrene
Concen: 37.51 ng/ul
RT: 17.59 min Scan# 2511
Delta R.T. -0.00 min
Lab File: BG019534.D
Acq: 9 Nov 2015 15:53

Tgt Ion:178 Resp: 561893
Ion Ratio Lower Upper
178 100
179 15.9 12.6 18.8
176 19.9 14.3 21.5





#72

Anthracene

Concen: 36.80 ng/ul

RT: 17.59 min Scan# 2511

Delta R.T. -0.09 min

Lab File: BG019534.D

Acq: 9 Nov 2015 15:53

Instrument :

BNA_G

ClientSampleId :

BCY52DL

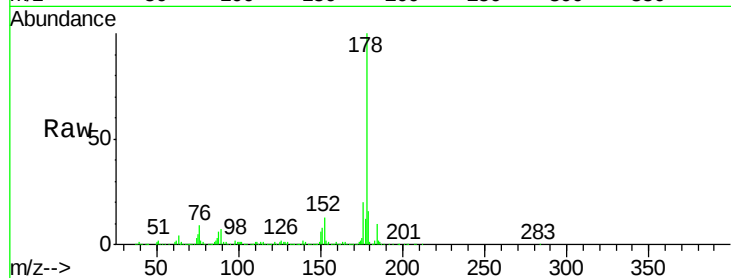
Tot Ion:178 Resp: 561893

Ion Ratio Lower Upper

178 100

179 15.9 11.6 17.4

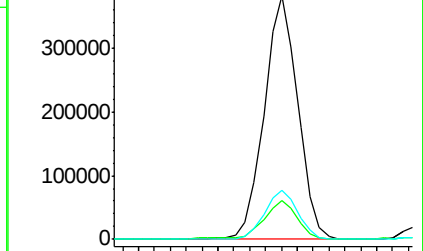
176 19.9 14.2 21.4



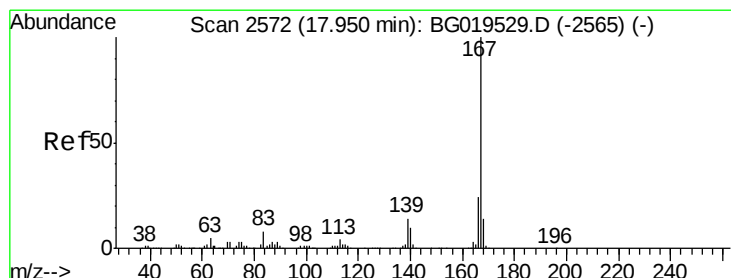
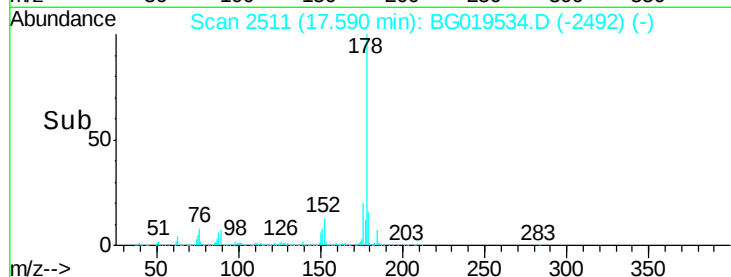
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



Time-->



#75

Carbazole

Concen: 62.40 ng/ul

RT: 17.95 min Scan# 2572

Delta R.T. -0.00 min

Lab File: BG019534.D

Acq: 9 Nov 2015 15:53

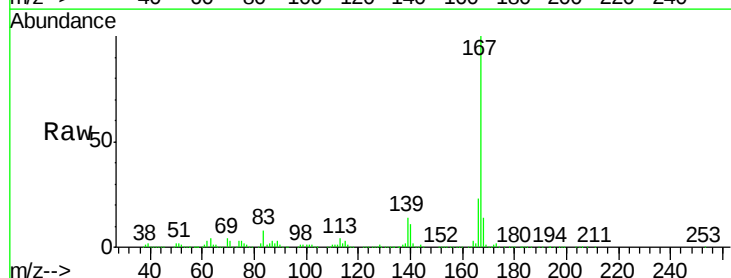
Tgt Ion:167 Resp: 760256

Ion Ratio Lower Upper

167 100

166 23.1 16.8 25.2

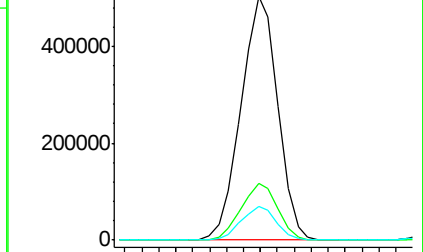
139 13.9 9.8 14.6



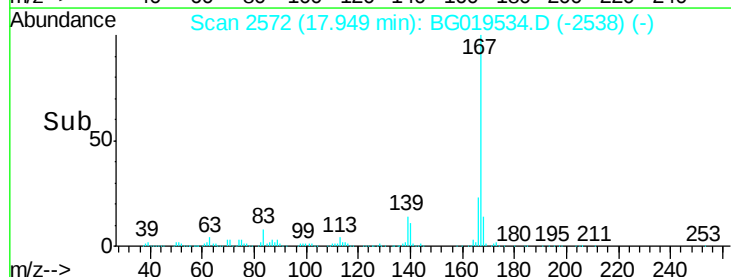
Abundance Ion 167.00 (166.70 to 167.70): E

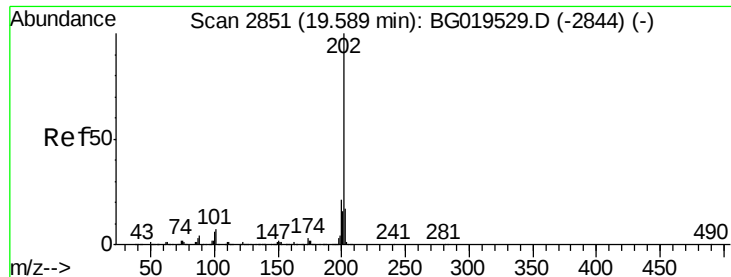
Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



Time-->

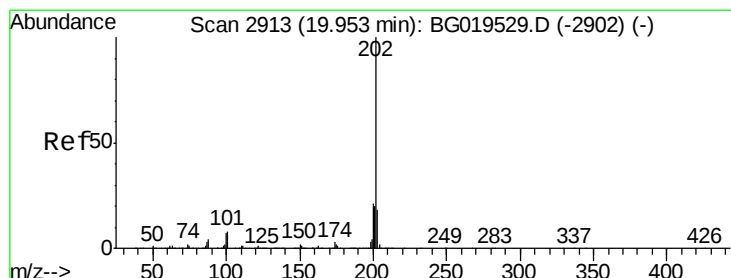
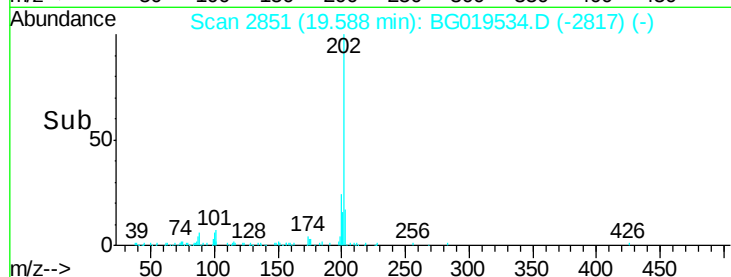
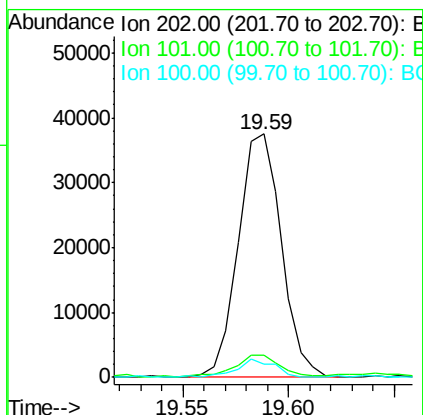
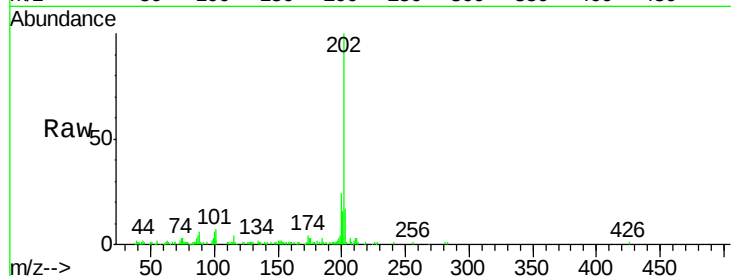




#77
Fluoranthene
 Concen: 2.74 ng/ul
 RT: 19.59 min Scan# 2851
 Delta R.T. -0.00 min
 Lab File: BG019534.D
 Acq: 9 Nov 2015 15:53

Instrument :
 BNA_G
 ClientSampleId :
 BCY52DL

Tot Ion	Ratio	Lower	Upper
202	100		
101	9.2	4.0	6.0#
100	5.5	3.6	5.4#



#80
Pyrene
 Concen: 1.30 ng/ul
 RT: 19.95 min Scan# 2912
 Delta R.T. -0.01 min
 Lab File: BG019534.D
 Acq: 9 Nov 2015 15:53

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.9	4.3	6.5#
100	6.3	3.6	5.4#

