

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG110515\
 Data File : BG019485.D
 Acq On : 5 Nov 2015 10:20
 Operator : UM/NP
 Sample : G4245-06DL 2X
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BCY33DL

Quant Time: Nov 06 02:13:11 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Nov 06 02:11:58 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	32259	20.00	ng/ul	0.00
18) Naphthalene-d8	11.01	136	140921	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.81	164	115455	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.55	188	308754	20.00	ng/ul	0.00
78) Chrysene-d12	21.83	240	393183	20.00	ng/ul	0.00
86) Perylene-d12	25.18	264	375588	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.48	96	539	0.80	ng/uL	0.00
5) Phenol-d5	7.33	99	7847	2.65	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.49	67	30695	16.35	ng/ul	0.00
9) 2-Chlorophenol-d4	7.70	132	21511	11.64	ng/ul	0.00
13) 4-Methylphenol-d8	8.88	113	16586	7.03	ng/ul	0.00
19) Nitrobenzene-d5	9.35	128	16110	15.56	ng/ul	0.00
22) 2-Nitrophenol-d4	10.08	143	18465	15.02	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.62	165	35639	13.36	ng/ul	0.00
29) 4-Chloroaniline-d4	11.13	131	741	0.27	ng/ul	0.00
44) Dimethylphthalate-d6	14.21	166	154841	16.27	ng/ul	0.00
47) Acenaphthylene-d8	14.51	160	171951	16.31	ng/ul	0.00
52) 4-Nitrophenol-d4	14.99	143	4085	2.70	ng/ul	0.00
58) Fluorene-d10	15.80	176	136515	15.50	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.91	200	28111	14.07	ng/ul	0.00
71) Anthracene-d10	17.65	188	236976	16.84	ng/ul	0.00
79) Pyrene-d10	19.92	212	280397	16.30	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.95	264	313894	16.65	ng/ul	0.00

Target Compounds

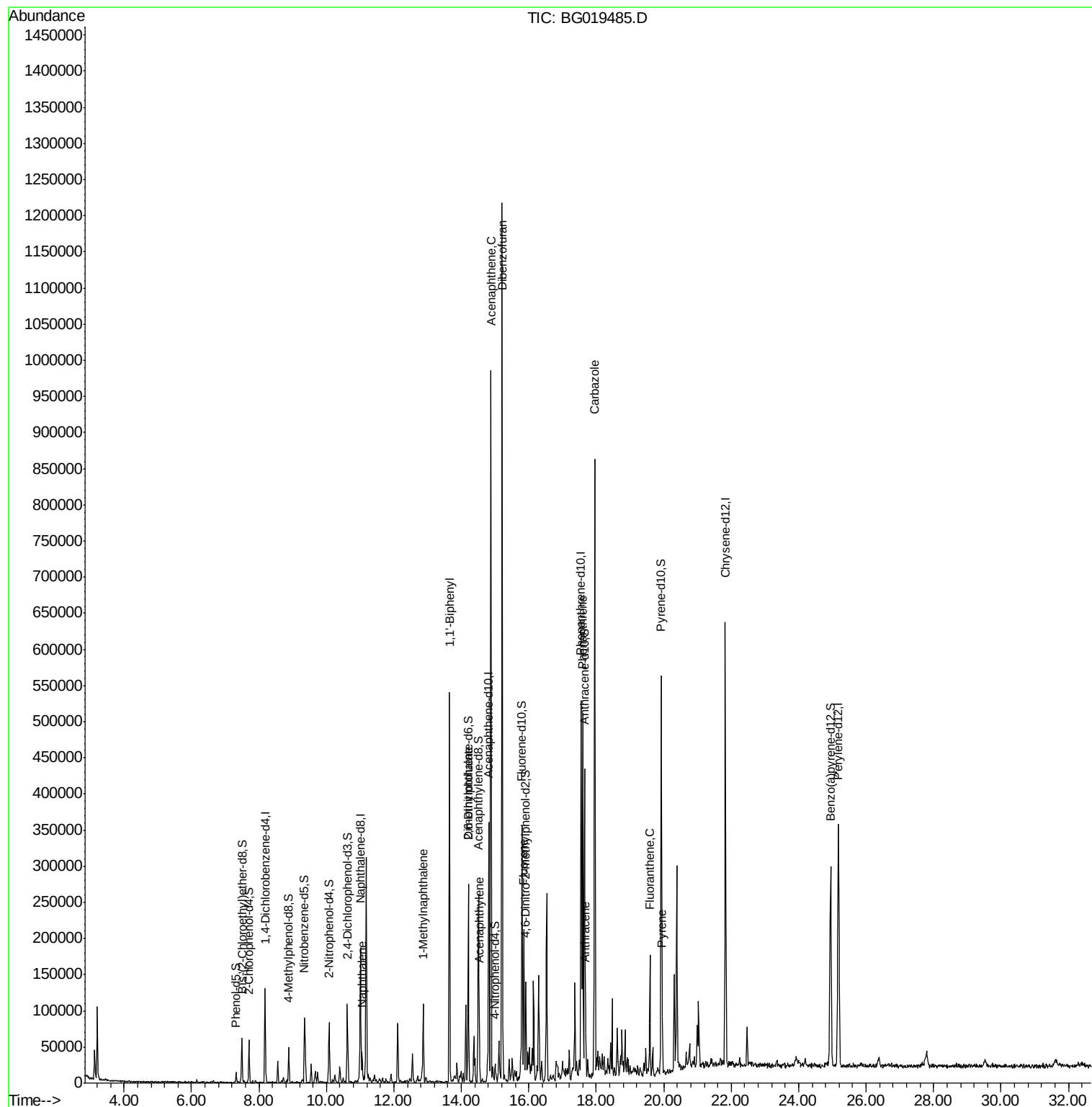
						Qvalue
28) Naphthalene	11.06	128	26301	3.73	ng/ul#	91
35) 1-Methylnaphthalene	12.87	142	41638	7.77	ng/ul	96
41) 1,1'-Biphenyl	13.65	154	263257	32.26	ng/ul#	96
46) 2,6-Dinitrotoluene	14.21	165	2416	1.23	ng/ul#	54
48) Acenaphthylene	14.53	152	15700	1.45	ng/ul#	84
50) Acenaphthene	14.88	153	382018	52.38	ng/ul	96
54) Dibenzofuran	15.21	168	698467	65.03	ng/ul	94
59) Fluorene	15.85	166	83688	8.93	ng/ul#	96
70) Phenanthrene	17.59	178	270616	17.37	ng/ul	98
72) Anthracene	17.69	178	55408	3.49	ng/ul	96
75) Carbazole	17.95	167	527508	41.62	ng/ul	97
77) Fluoranthene	19.59	202	102372	5.07	ng/ul#	97
80) Pyrene	19.95	202	55376	2.51	ng/ul#	93

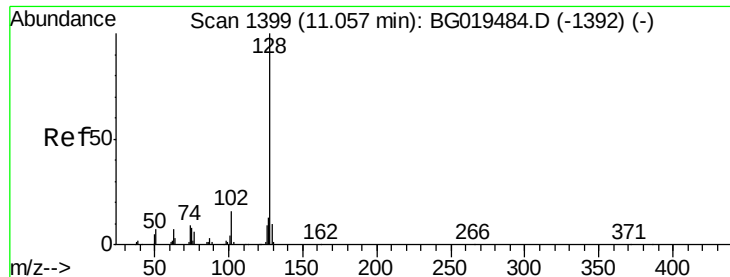
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Nov 06 02:13:11 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Nov 06 02:11:58 2015
Response via : Initial Calibration





#28

Naphthalene

Concen: 3.73 ng/ul

RT: 11.06 min Scan# 1399

Delta R.T. 0.00 min

Lab File: BG019485.D

Acq: 5 Nov 2015 10:20

Instrument :

BNA_G

ClientSampleId :

BCY33DL

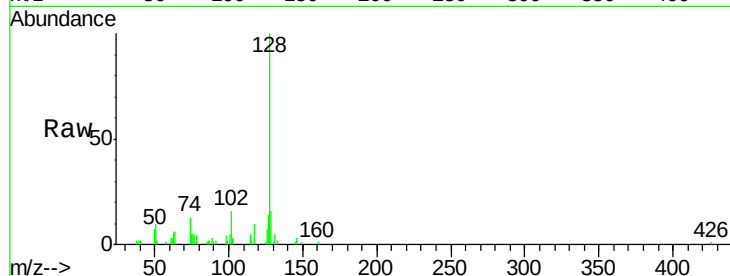
Tgt Ion:128 Resp: 26301

Ion Ratio Lower Upper

128 100

129 16.2 8.9 13.3#

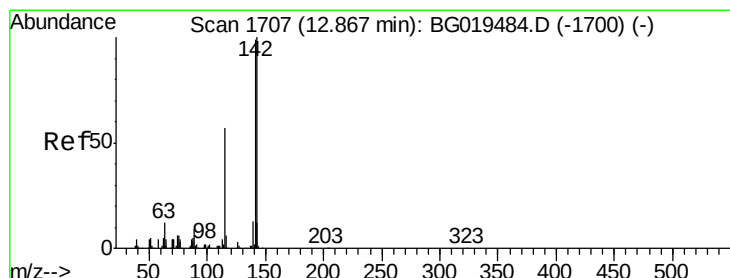
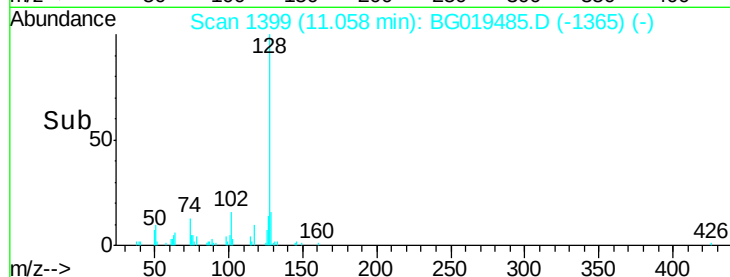
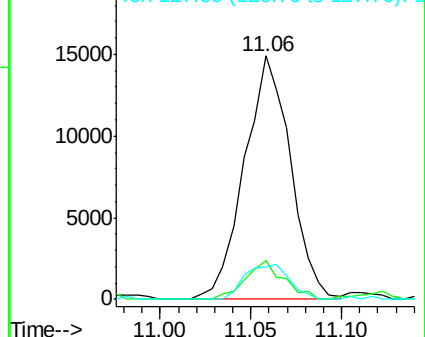
127 13.5 13.1 19.7



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



#35

1-Methylnaphthalene

Concen: 7.77 ng/ul

RT: 12.87 min Scan# 1708

Delta R.T. 0.01 min

Lab File: BG019485.D

Acq: 5 Nov 2015 10:20

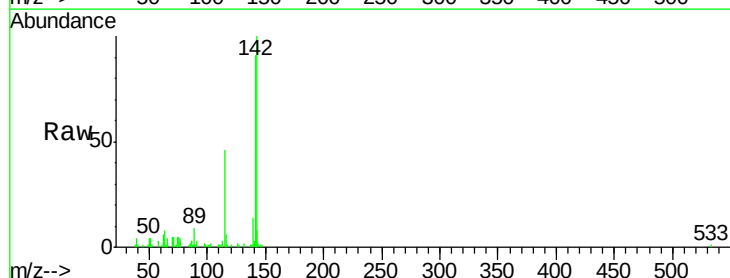
Tgt Ion:142 Resp: 41638

Ion Ratio Lower Upper

142 100

141 91.1 76.5 114.7

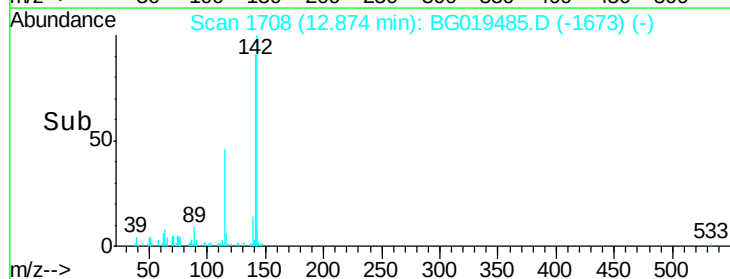
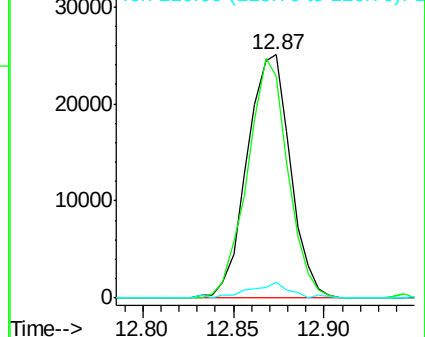
116 6.4 5.4 8.0

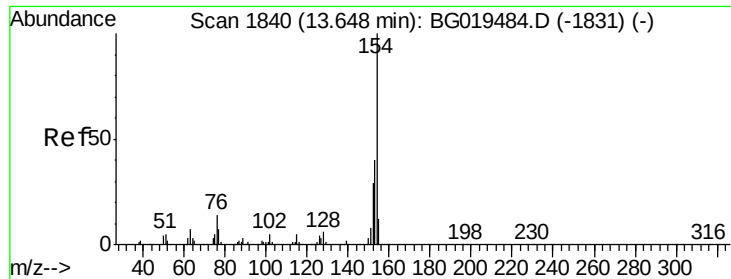


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

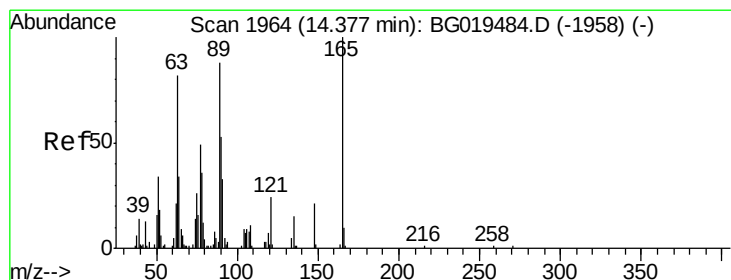
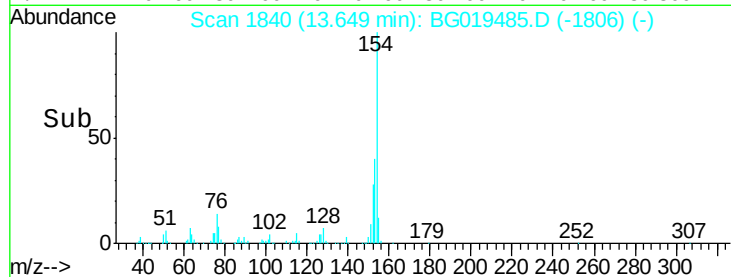
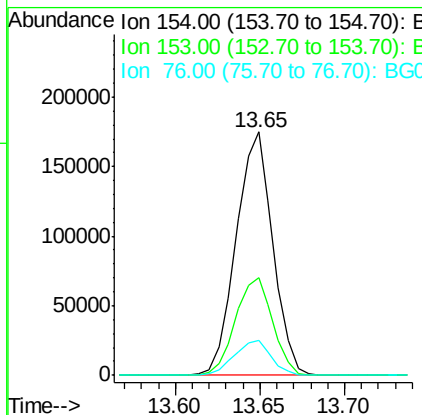
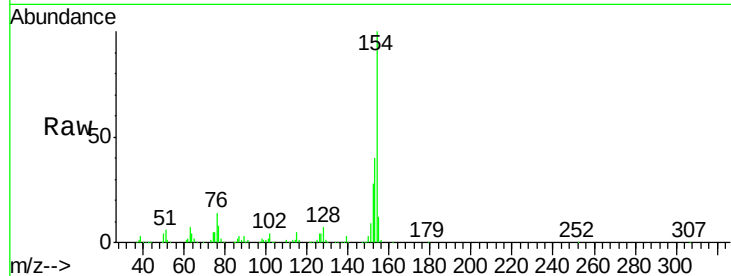




#41
 1,1'-Biphenyl
 Concen: 32.26 ng/ul
 RT: 13.65 min Scan# 1840
 Delta R.T. 0.00 min
 Lab File: BG019485.D
 Acq: 5 Nov 2015 10:20

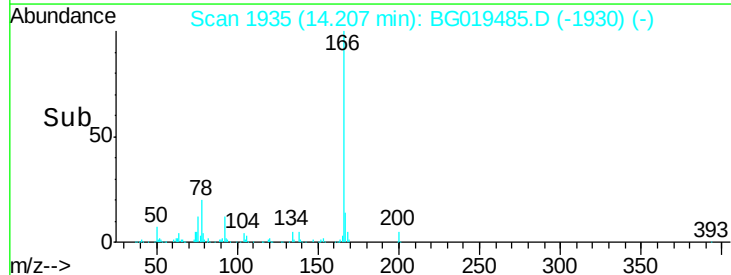
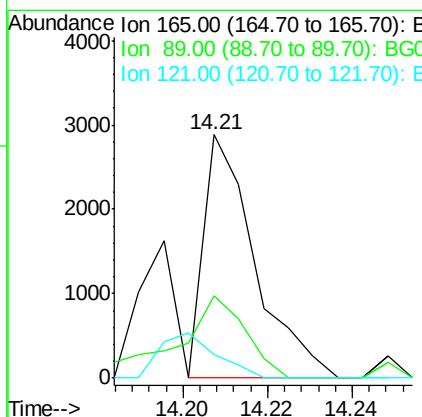
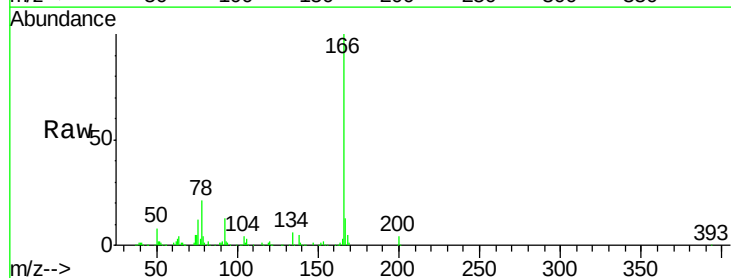
Instrument :
 BNA_G
 ClientSampleId :
 BCY33DL

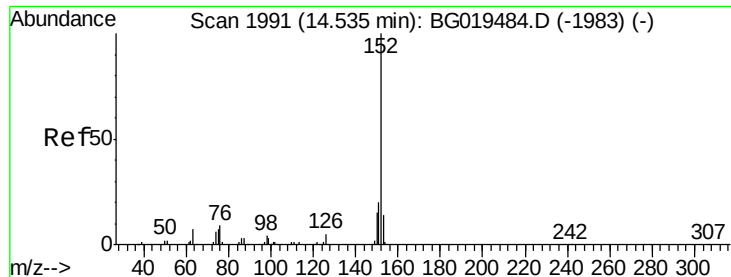
Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.0	32.8	49.2
76	14.3	7.7	11.5#



#46
 2,6-Dinitrotoluene
 Concen: 1.23 ng/ul
 RT: 14.21 min Scan# 1935
 Delta R.T. -0.17 min
 Lab File: BG019485.D
 Acq: 5 Nov 2015 10:20

Tgt Ion	Ratio	Lower	Upper
165	100		
89	33.8	66.7	100.1#
121	17.1	17.0	25.4





#48

Acenaphthylene

Concen: 1.45 ng/ul

RT: 14.53 min Scan# 1990

Delta R.T. -0.01 min

Lab File: BG019485.D

Acq: 5 Nov 2015 10:20

Instrument :

BNA_G

ClientSampleId :

BCY33DL

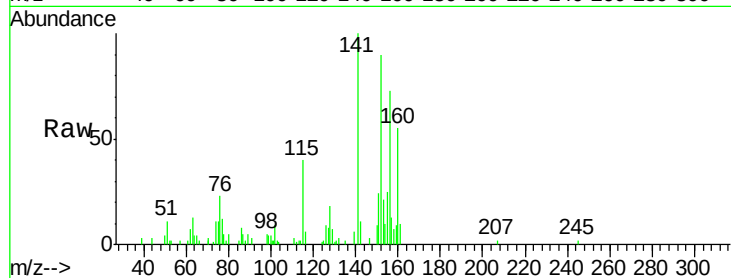
Tgt Ion:152 Resp: 15700

Ion Ratio Lower Upper

152 100

151 26.2 16.9 25.3#

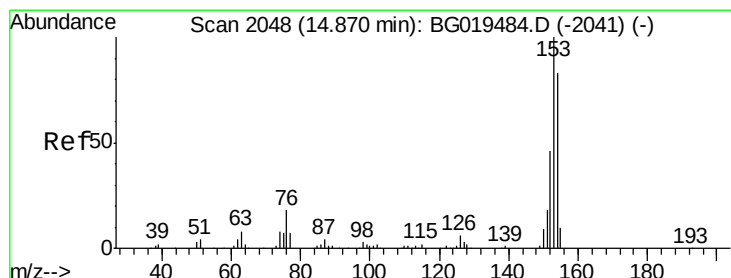
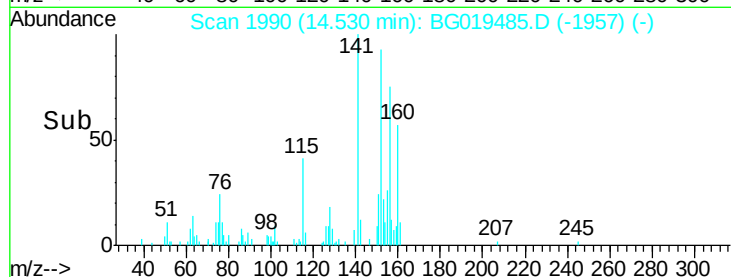
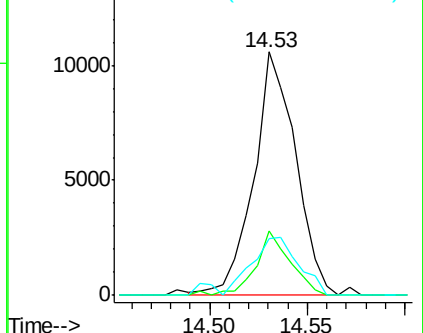
153 23.2 10.8 16.2#



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



#50

Acenaphthene

Concen: 52.38 ng/ul

RT: 14.88 min Scan# 2049

Delta R.T. 0.01 min

Lab File: BG019485.D

Acq: 5 Nov 2015 10:20

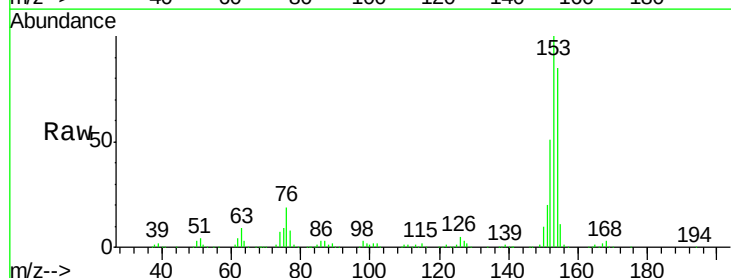
Tgt Ion:153 Resp: 382018

Ion Ratio Lower Upper

153 100

152 51.3 38.8 58.2

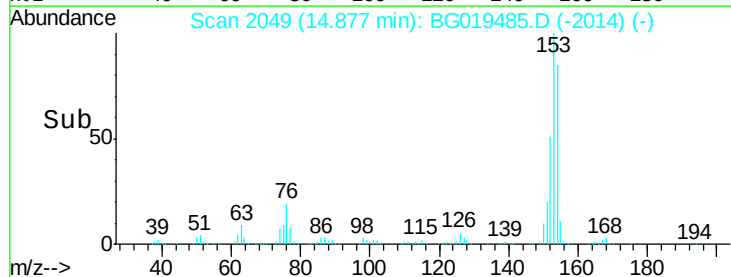
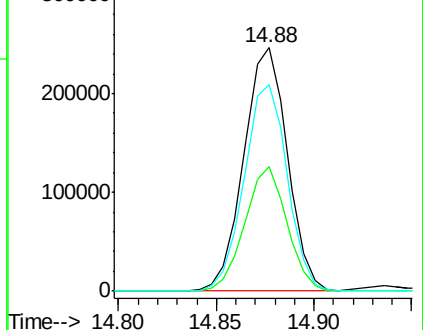
154 85.0 71.5 107.3

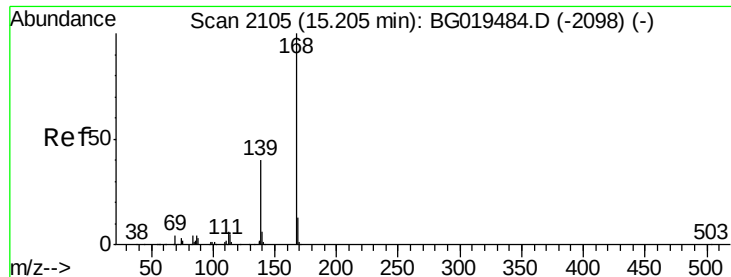


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#54

Dibenzo(furan)

Concen: 65.03 ng/ul

RT: 15.21 min Scan# 2105

Delta R.T. 0.00 min

Lab File: BG019485.D

Acq: 5 Nov 2015 10:20

Instrument :

BNA_G

ClientSampleId :

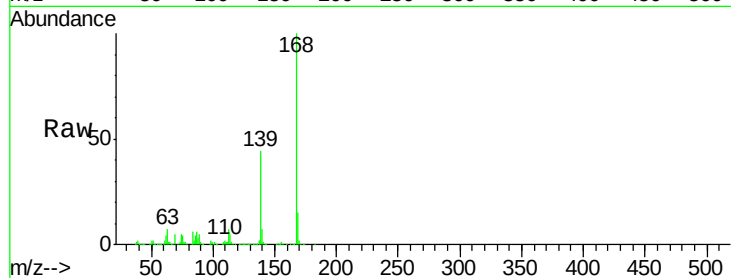
BCY33DL

Tgt Ion:168 Resp: 698467

Ion Ratio Lower Upper

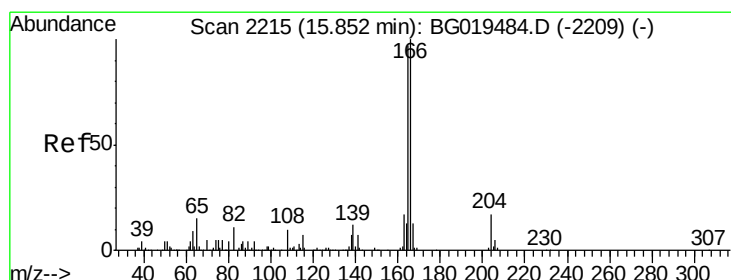
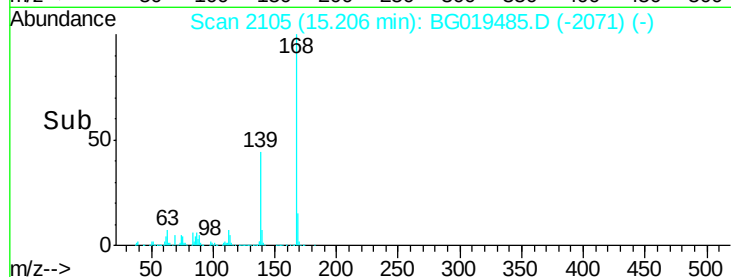
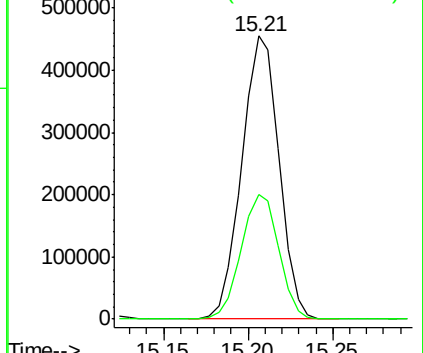
168 100

139 44.1 32.4 48.6



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E



#59

Fluorene

Concen: 8.93 ng/ul

RT: 15.85 min Scan# 2215

Delta R.T. 0.00 min

Lab File: BG019485.D

Acq: 5 Nov 2015 10:20

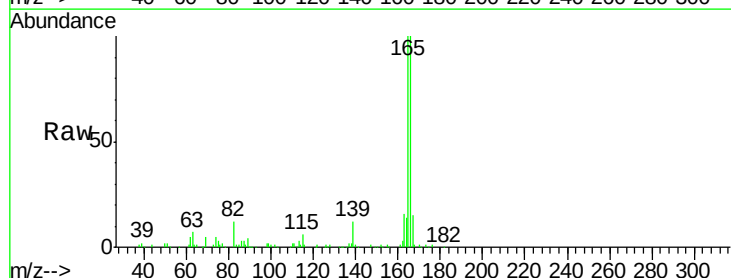
Tgt Ion:166 Resp: 83688

Ion Ratio Lower Upper

166 100

165 100.2 77.6 116.4

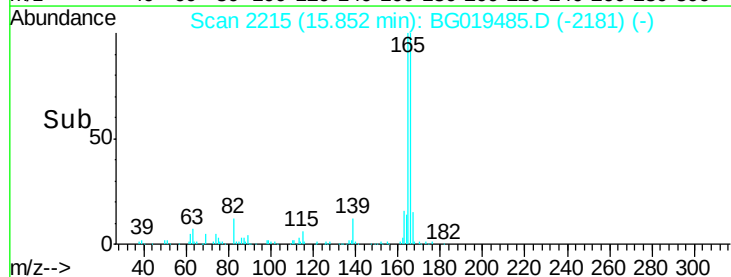
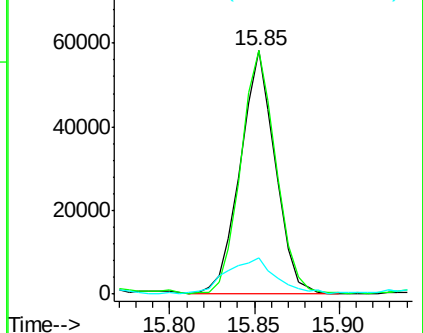
167 15.1 9.6 14.4#

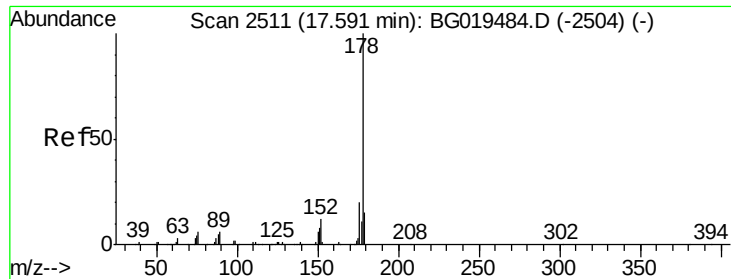


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#70

Phenanthrene

Concen: 17.37 ng/ul

RT: 17.59 min Scan# 2511

Delta R.T. 0.00 min

Lab File: BG019485.D

Acq: 5 Nov 2015 10:20

Instrument :

BNA_G

ClientSampleId :

BCY33DL

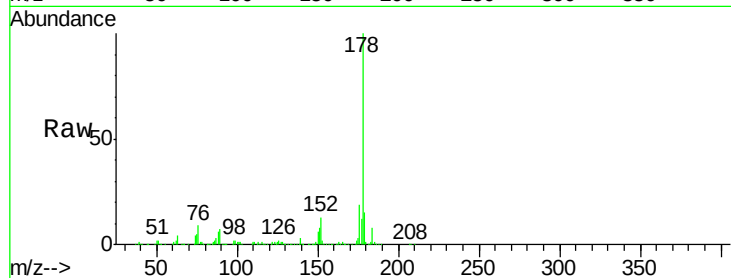
Tgt Ion:178 Resp: 270616

Ion Ratio Lower Upper

178 100

179 15.1 12.6 18.8

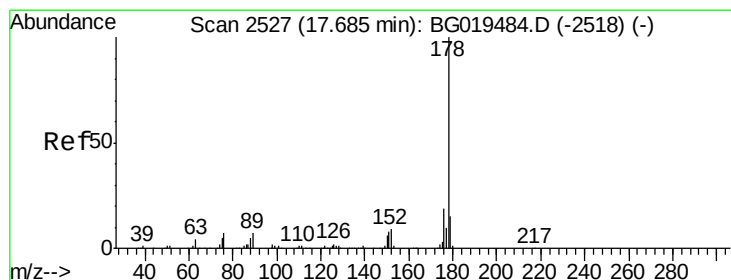
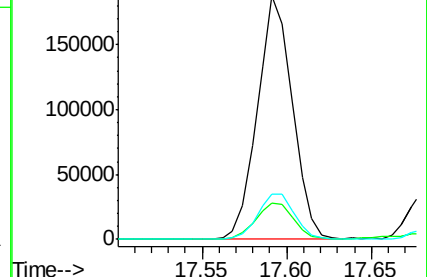
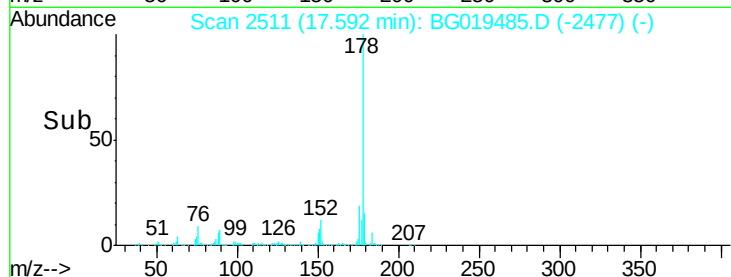
176 18.8 14.3 21.5



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



#72

Anthracene

Concen: 3.49 ng/ul

RT: 17.69 min Scan# 2527

Delta R.T. 0.00 min

Lab File: BG019485.D

Acq: 5 Nov 2015 10:20

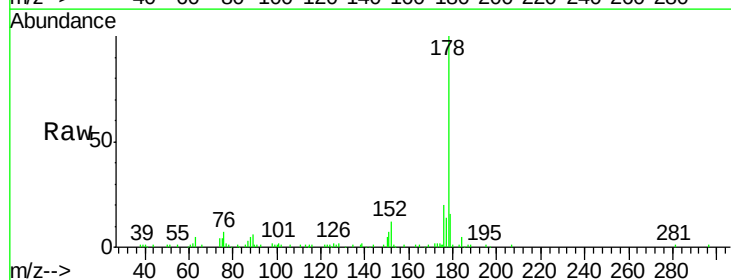
Tgt Ion:178 Resp: 55408

Ion Ratio Lower Upper

178 100

179 15.8 11.6 17.4

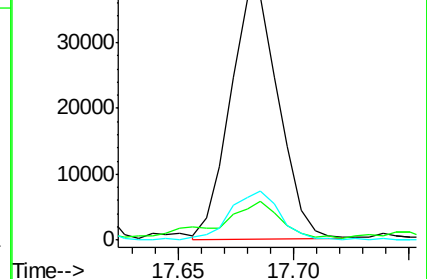
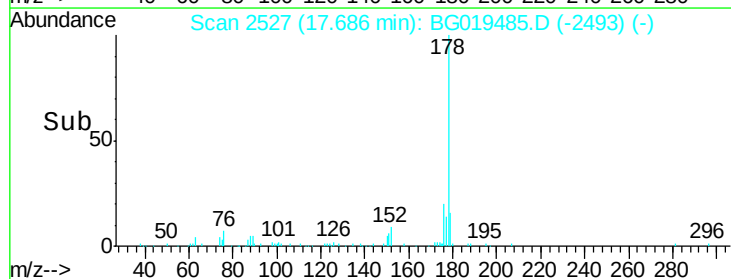
176 20.0 14.2 21.4

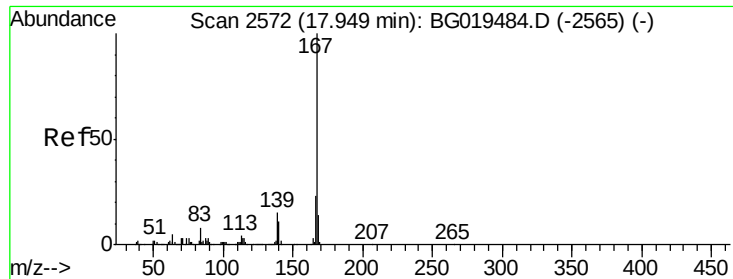


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#75

Carbazole

Concen: 41.62 ng/ul

RT: 17.95 min Scan# 2572

Delta R.T. 0.00 min

Lab File: BG019485.D

Acq: 5 Nov 2015 10:20

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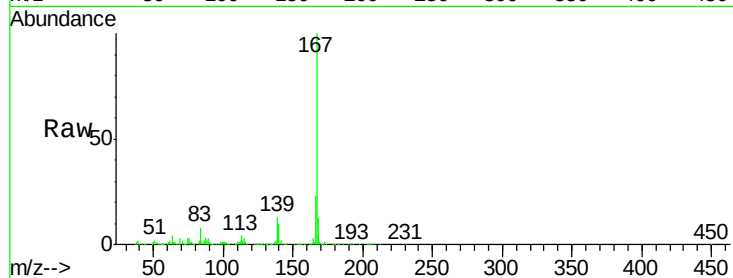
Tgt Ion:167 Resp: 527508

Ion Ratio Lower Upper

167 100

166 22.6 16.8 25.2

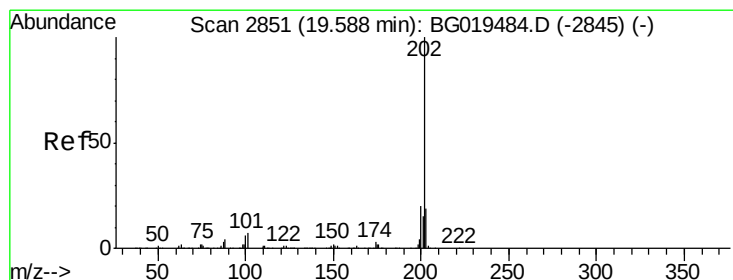
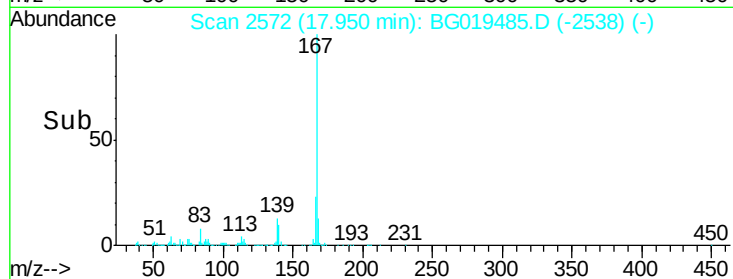
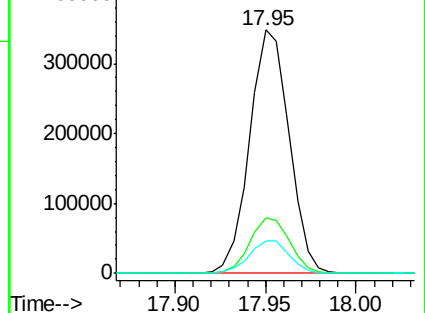
139 13.3 9.8 14.6



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



#77

Fluoranthene

Concen: 5.07 ng/ul

RT: 19.59 min Scan# 2851

Delta R.T. 0.00 min

Lab File: BG019485.D

Acq: 5 Nov 2015 10:20

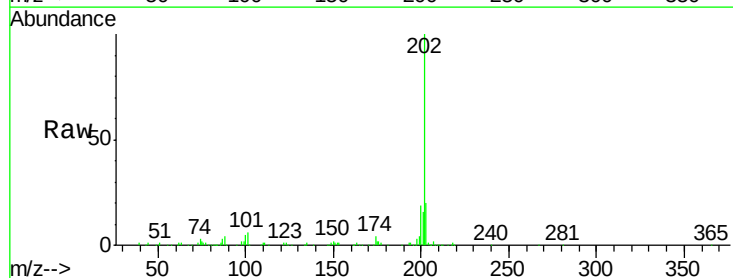
Tgt Ion:202 Resp: 102372

Ion Ratio Lower Upper

202 100

101 6.0 4.0 6.0#

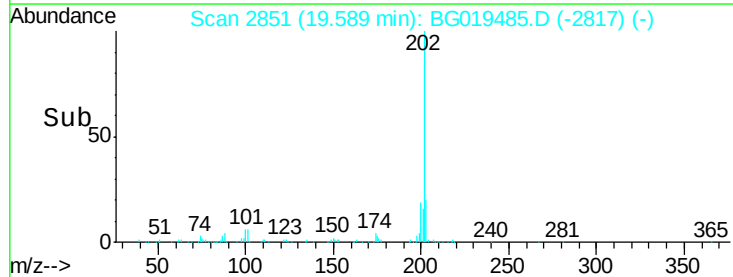
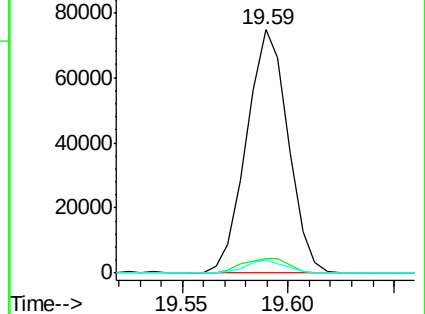
100 5.5 3.6 5.4#

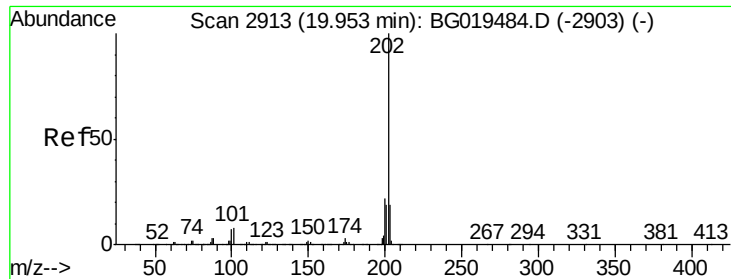


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E





#80

Pyrene

Concen: 2.51 ng/ul

RT: 19.95 min Scan# 2913

Delta R.T. 0.00 min

Lab File: BG019485.D

Acq: 5 Nov 2015 10:20

Instrument :

BNA_G

ClientSampleId :

BCY33DL

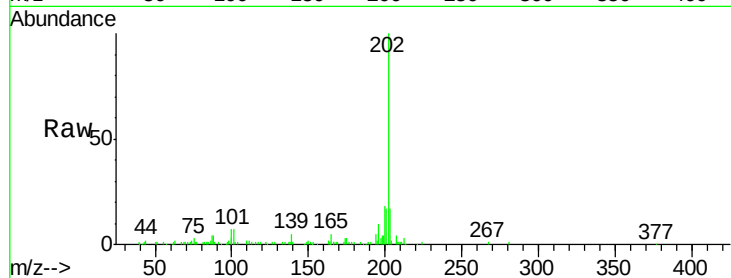
Tgt Ion: 202 Resp: 55376

Ion Ratio Lower Upper

202 100

101 7.5 4.3 6.5#

100 7.4 3.6 5.4#



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

