

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121915\
 Data File : BG020310.D
 Acq On : 19 Dec 2015 13:56
 Operator : UM/SJ
 Sample : G4849-03MS
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9N68MS

Quant Time: Dec 20 04:52:24 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Dec 20 04:48:33 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	19773	20.00	ng/ul	0.00
18) Naphthalene-d8	10.91	136	85312	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.72	164	63396	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.46	188	167506	20.00	ng/ul	0.00
78) Chrysene-d12	21.74	240	228118	20.00	ng/ul	0.00
86) Perylene-d12	25.01	264	215046	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.47	96	2667	7.45	ng/uL	0.00
5) Phenol-d5	7.24	99	58966	33.82	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.41	67	38149	36.67	ng/ul	0.00
9) 2-Chlorophenol-d4	7.62	132	47841	37.72	ng/ul	0.00
13) 4-Methylphenol-d8	8.79	113	52105	34.94	ng/ul	0.00
19) Nitrobenzene-d5	9.26	128	25943	39.01	ng/ul	0.00
22) 2-Nitrophenol-d4	9.98	143	29842	40.33	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.53	165	54565	36.40	ng/ul	0.00
29) 4-Chloroaniline-d4	11.04	131	62646	37.20	ng/ul	0.00
44) Dimethylphthalate-d6	14.12	166	199740	38.95	ng/ul	0.00
47) Acenaphthylene-d8	14.42	160	212707	35.65	ng/ul	0.00
52) 4-Nitrophenol-d4	14.91	143	35760	38.88	ng/ul	0.00
58) Fluorene-d10	15.71	176	167898	36.10	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.82	200	35842	36.09	ng/ul	0.00
71) Anthracene-d10	17.56	188	284442	36.85	ng/ul	0.00
79) Pyrene-d10	19.85	212	354098	33.30	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.79	264	407221	37.97	ng/ul	0.00

Target Compounds

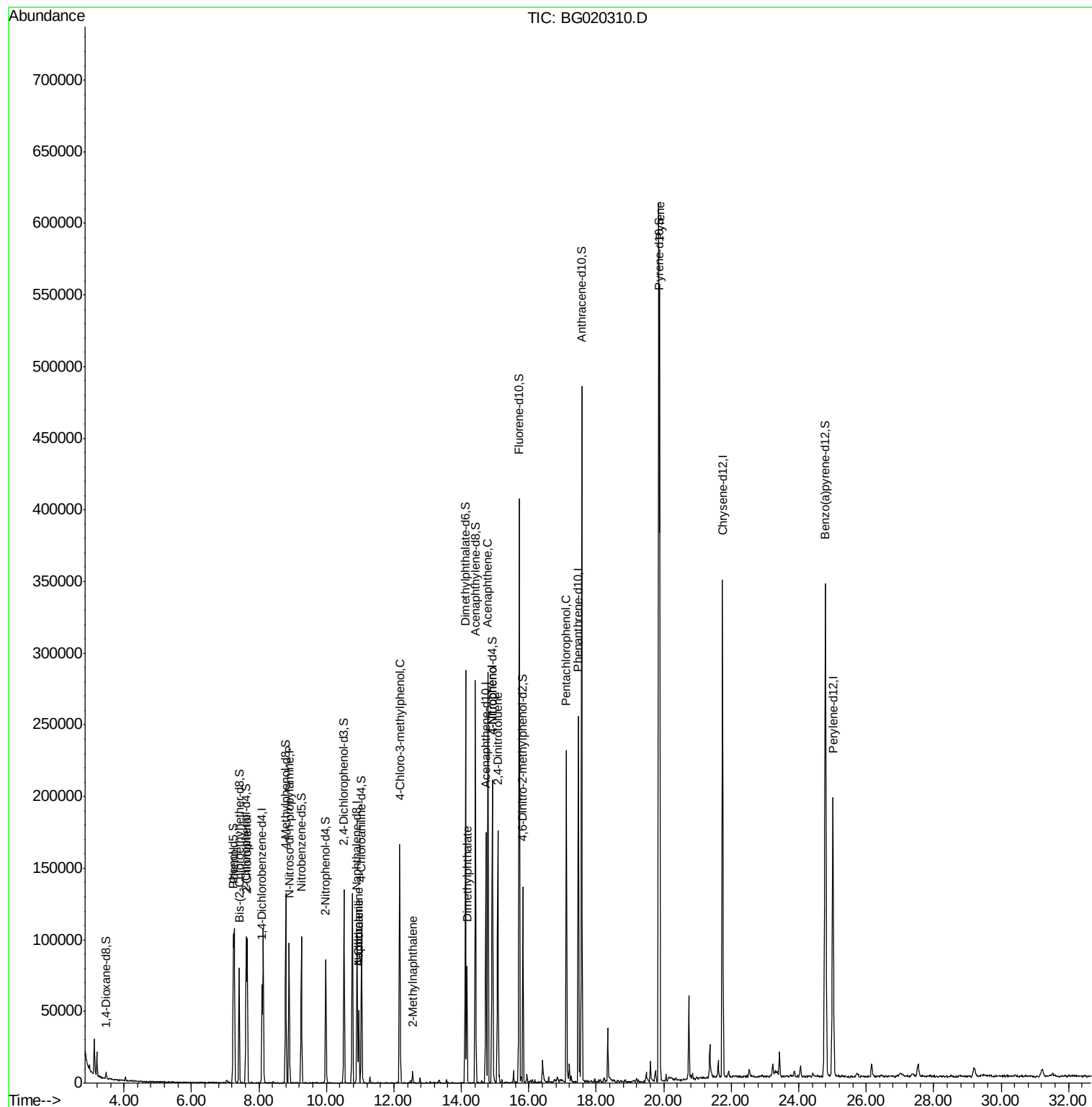
						Qvalue
6) Phenol	7.27	94	58930	31.56	ng/ul	96
10) 2-Chlorophenol	7.65	128	44727	33.68	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.89	70	39288	31.79	ng/ul	98
28) Naphthalene	10.96	128	44518	9.99	ng/ul	99
30) 4-Chloroaniline	10.95	127	5931	3.45	ng/ul#	8
33) 4-Chloro-3-methylphenol	12.17	107	59915	32.75	ng/ul	92
34) 2-Methylnaphthalene	12.55	142	5106	1.50	ng/ul	88
45) Dimethylphthalate	14.17	163	53918	10.29	ng/ul	100
50) Acenaphthene	14.79	153	122122	28.64	ng/ul	98
53) 4-Nitrophenol	14.93	109	30989	35.03	ng/ul	91
55) 2,4-Dinitrotoluene	15.08	165	53531	33.66	ng/ul	90
69) Pentachlorophenol	17.11	266	44318	34.81	ng/ul	97
80) Pyrene	19.88	202	350318	25.37	ng/ul	98

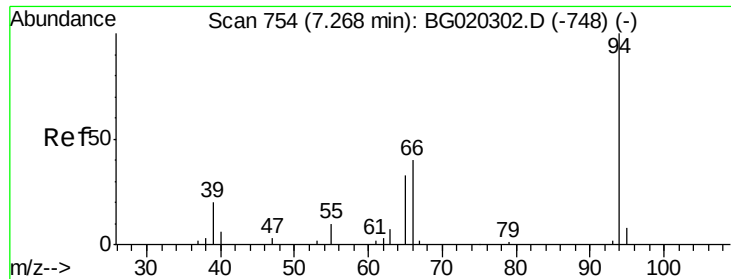
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#6

Phenol

Concen: 31.56 ng/ul

RT: 7.27 min Scan# 754

Delta R.T. 0.00 min

Lab File: BG020310.D

Acq: 19 Dec 2015 13:56

Instrument :

BNA_G

ClientSampleId :

D9N68MS

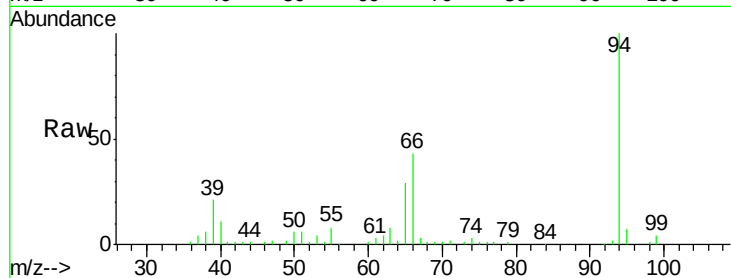
Tgt Ion: 94 Resp: 58930

Ion Ratio Lower Upper

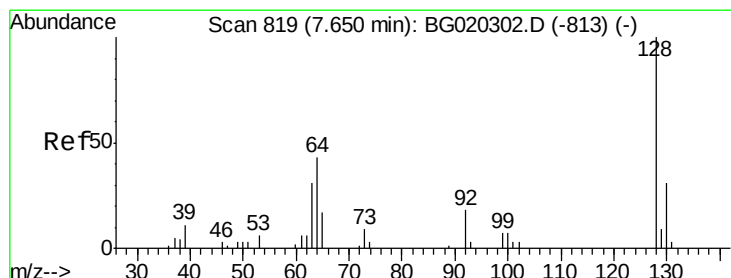
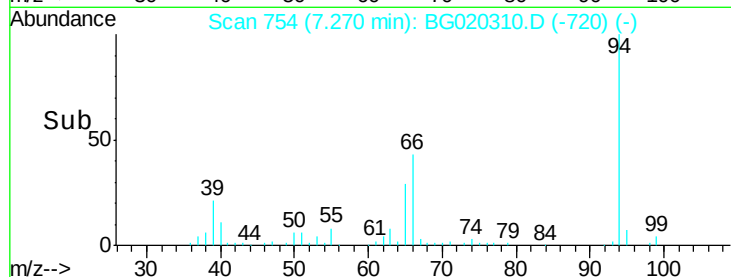
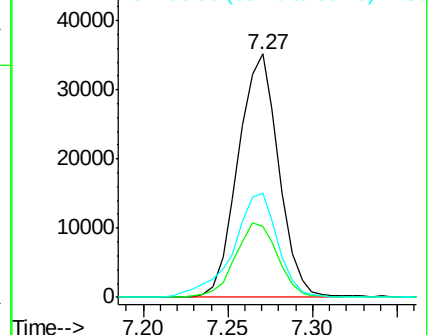
94 100

65 28.9 26.3 39.5

66 42.6 33.3 49.9



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC



#10

2-Chlorophenol

Concen: 33.68 ng/ul

RT: 7.65 min Scan# 819

Delta R.T. 0.00 min

Lab File: BG020310.D

Acq: 19 Dec 2015 13:56

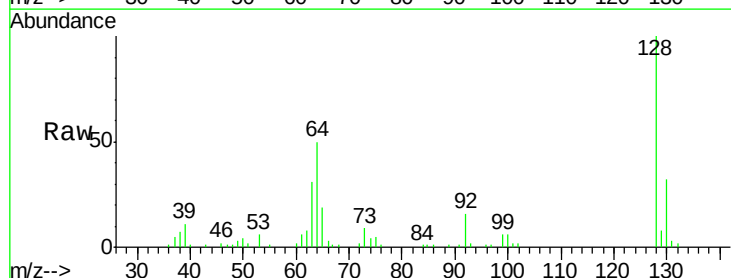
Tgt Ion: 128 Resp: 44727

Ion Ratio Lower Upper

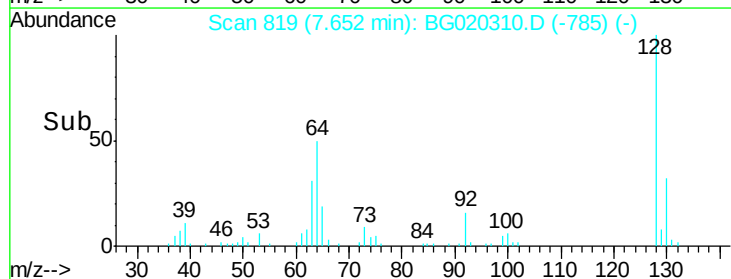
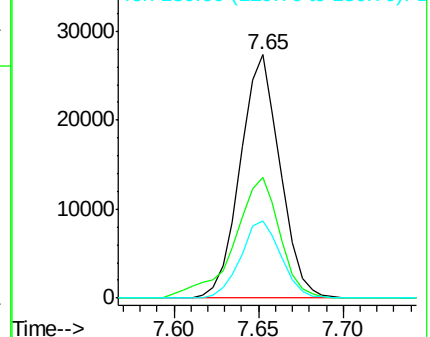
128 100

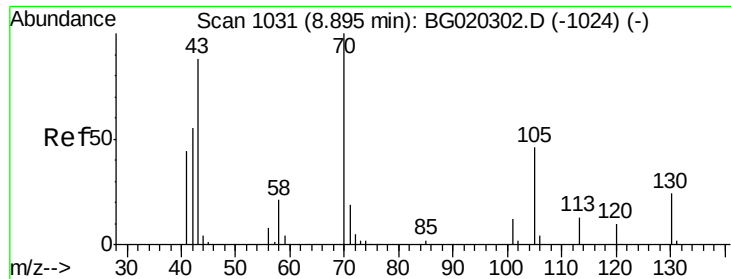
64 49.6 39.4 59.0

130 31.6 24.6 36.8



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 64.00 (63.70 to 64.70): BGC
Ion 130.00 (129.70 to 130.70): E

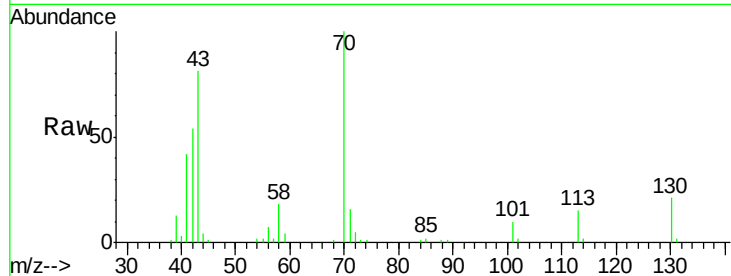




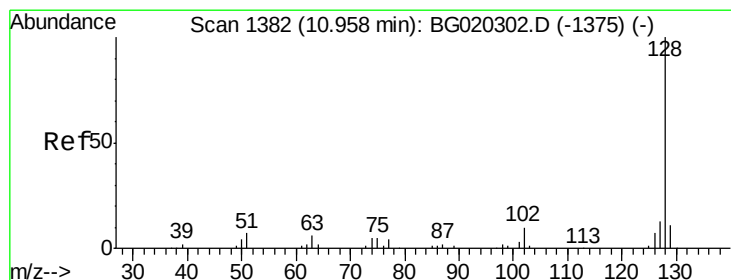
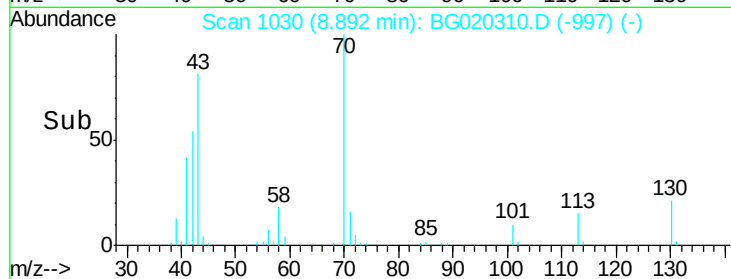
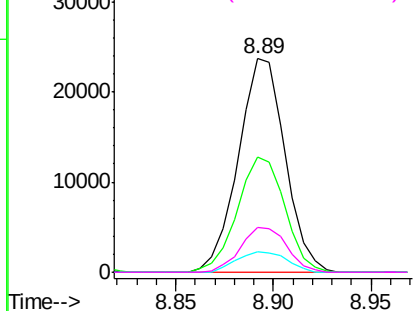
#15
N-Nitroso-di-n-propylamine
Concen: 31.79 ng/ul
RT: 8.89 min Scan# 1030
Delta R.T. -0.00 min
Lab File: BG020310.D
Acq: 19 Dec 2015 13:56

Instrument :
BNA_G
ClientSampleId :
D9N68MS

Tgt Ion: 70 Resp: 39288
Ion Ratio Lower Upper
70 100
42 53.7 44.3 66.5
101 9.7 7.6 11.4
130 21.1 17.0 25.4

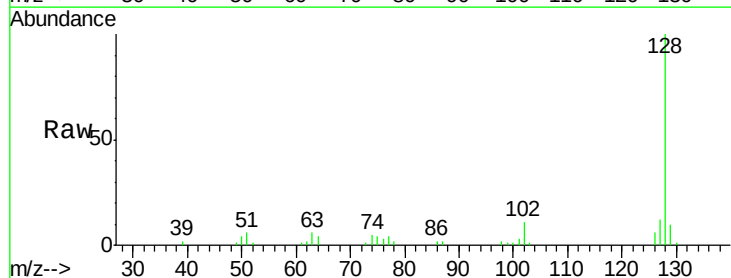


Abundance Ion 70.00 (69.70 to 70.70): BG020310.D (-997) (-)
Ion 42.00 (41.70 to 42.70): BG020310.D (-997) (-)
Ion 101.00 (100.70 to 101.70): BG020310.D (-997) (-)
Ion 130.00 (129.70 to 130.70): BG020310.D (-997) (-)

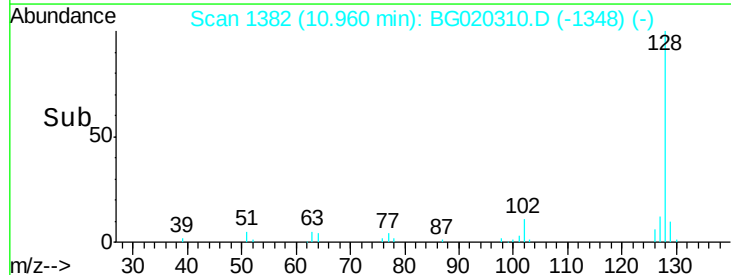
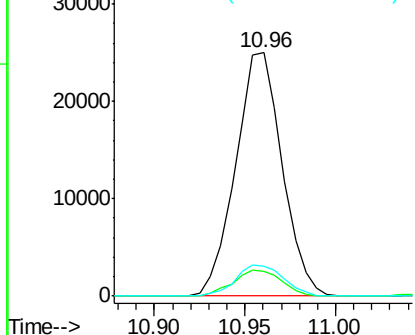


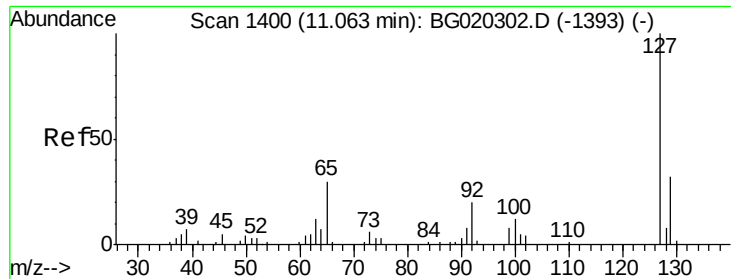
#28
Naphthalene
Concen: 9.99 ng/ul
RT: 10.96 min Scan# 1382
Delta R.T. 0.00 min
Lab File: BG020310.D
Acq: 19 Dec 2015 13:56

Tgt Ion: 128 Resp: 44518
Ion Ratio Lower Upper
128 100
129 10.2 8.6 12.8
127 12.4 10.1 15.1



Abundance Ion 128.00 (127.70 to 128.70): BG020310.D (-1348) (-)
Ion 129.00 (128.70 to 129.70): BG020310.D (-1348) (-)
Ion 127.00 (126.70 to 127.70): BG020310.D (-1348) (-)

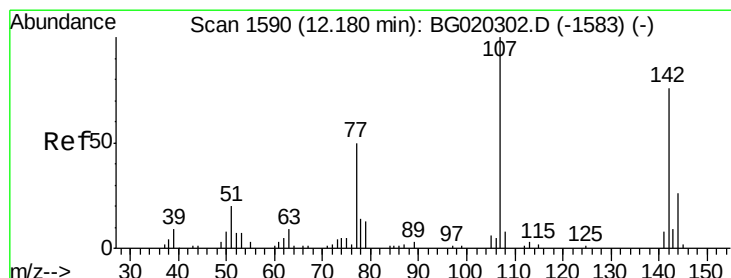
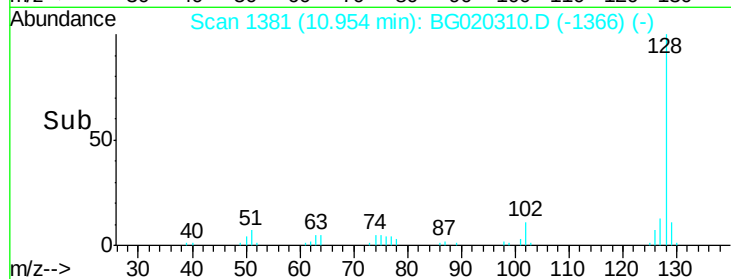
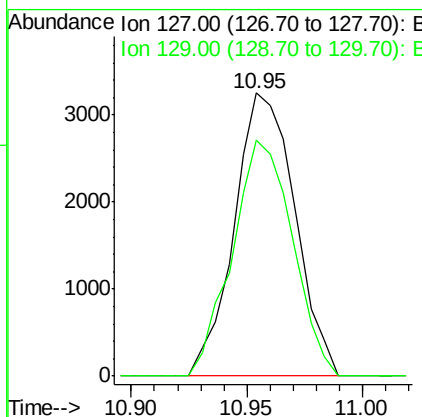
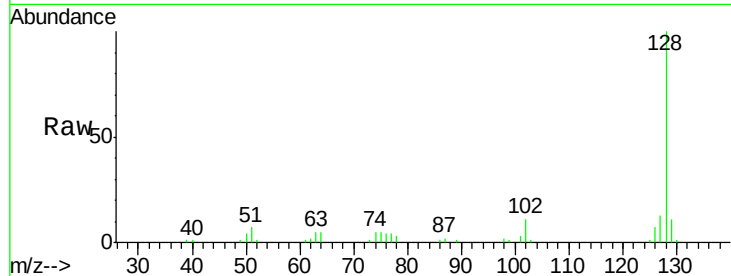




#30
4-Chloroaniline
Concen: 3.45 ng/ul
RT: 10.95 min Scan# 1381
Delta R.T. -0.11 min
Lab File: BG020310.D
Acq: 19 Dec 2015 13:56

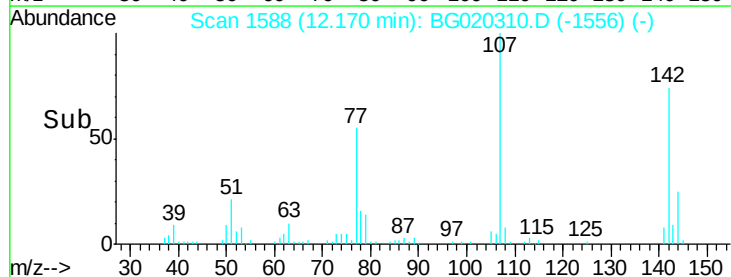
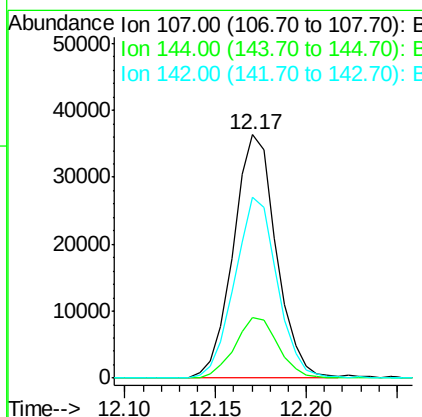
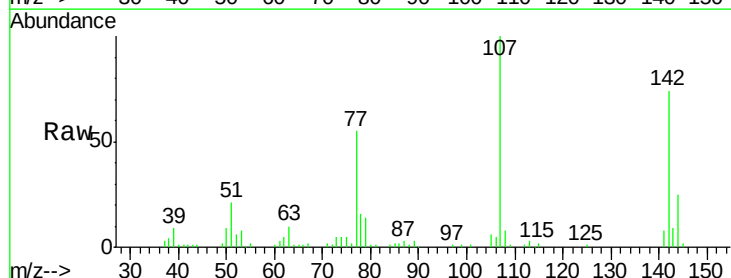
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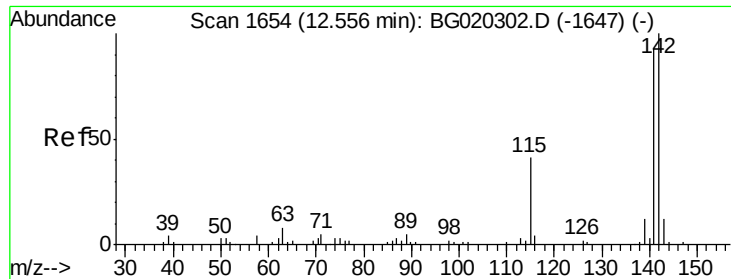
Tgt Ion:127 Resp: 5931
Ion Ratio Lower Upper
127 100
129 83.5 25.7 38.5#



#33
4-Chloro-3-methylphenol
Concen: 32.75 ng/ul
RT: 12.17 min Scan# 1588
Delta R.T. -0.01 min
Lab File: BG020310.D
Acq: 19 Dec 2015 13:56

Tgt Ion:107 Resp: 59915
Ion Ratio Lower Upper
107 100
144 25.0 18.7 28.1
142 74.1 52.8 79.2

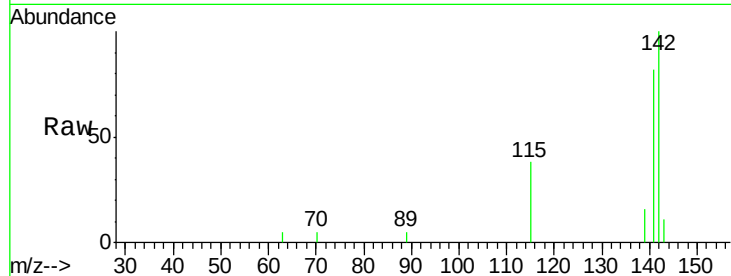




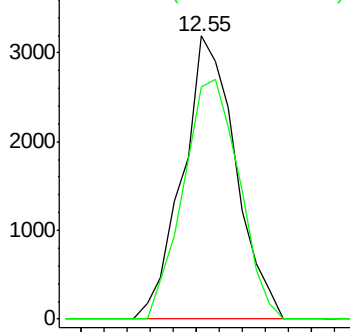
#34
 2-Methylnaphthalene
 Concen: 1.50 ng/ul
 RT: 12.55 min Scan# 1653
 Delta R.T. -0.00 min
 Lab File: BG020310.D
 Acq: 19 Dec 2015 13:56

Instrument :
 BNA_G
 ClientSampleId :
 D9N68MS

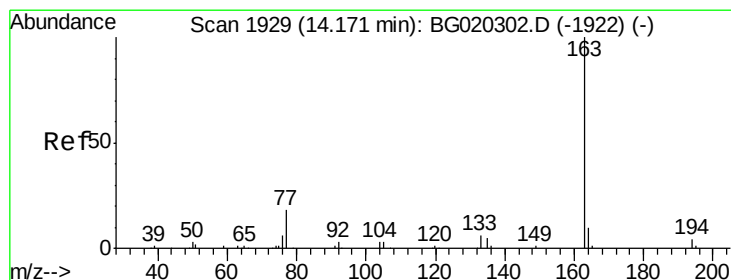
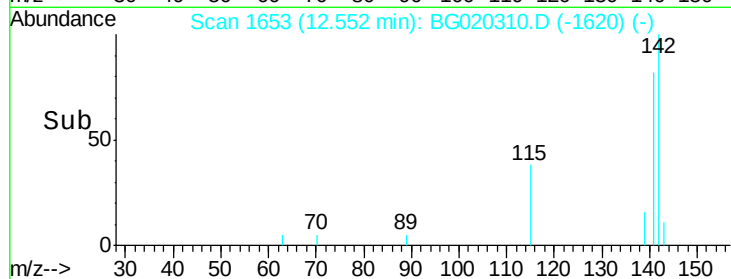
Tgt Ion:142 Resp: 5106
 Ion Ratio Lower Upper
 142 100
 141 82.1 74.9 112.3



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

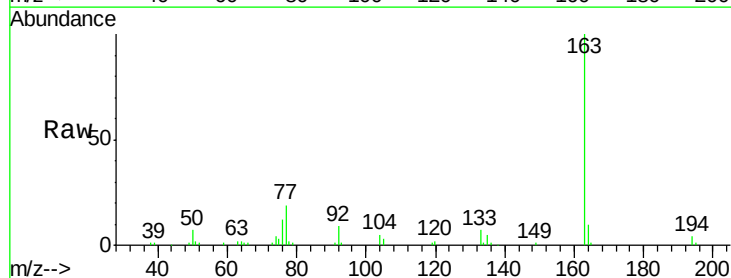


Time--> 12.50 12.55 12.60

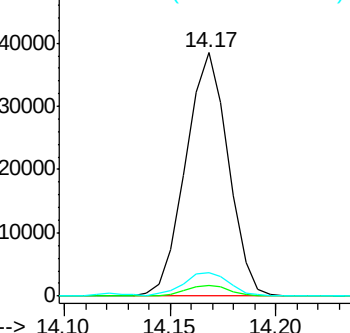


#45
 Dimethylphthalate
 Concen: 10.29 ng/ul
 RT: 14.17 min Scan# 1928
 Delta R.T. -0.00 min
 Lab File: BG020310.D
 Acq: 19 Dec 2015 13:56

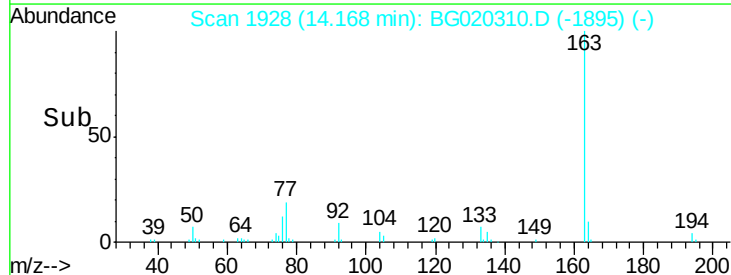
Tgt Ion:163 Resp: 53918
 Ion Ratio Lower Upper
 163 100
 194 4.2 3.5 5.3
 164 9.6 7.7 11.5

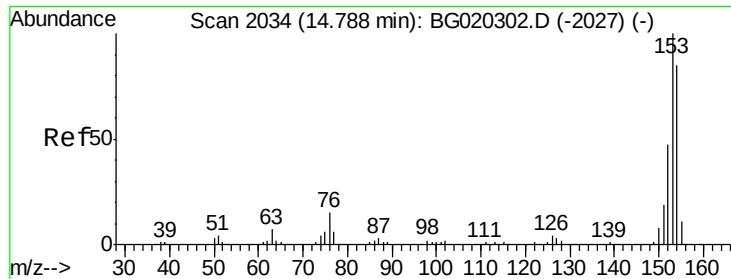


Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E



Time--> 14.10 14.15 14.20





#50

Acenaphthene

Concen: 28.64 ng/ul

RT: 14.79 min Scan# 2033

Delta R.T. -0.00 min

Lab File: BG020310.D

Acq: 19 Dec 2015 13:56

Instrument :

BNA_G

ClientSampleId :

D9N68MS

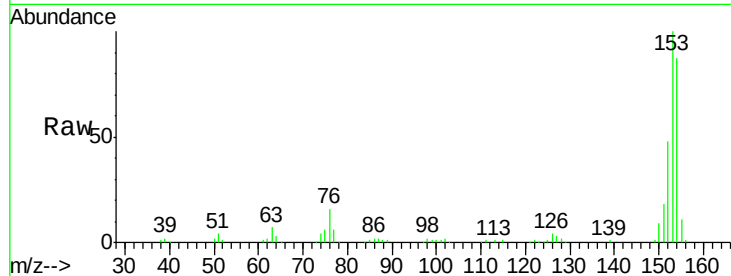
Tgt Ion:153 Resp: 122122

Ion Ratio Lower Upper

153 100

152 47.9 37.6 56.4

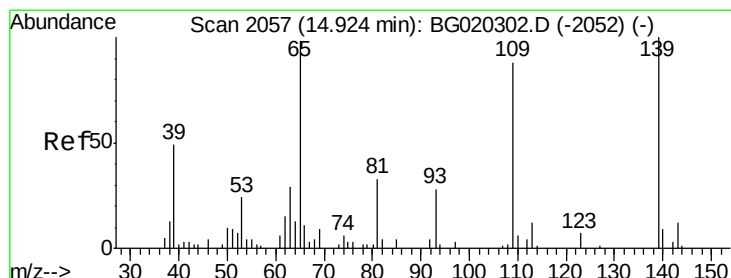
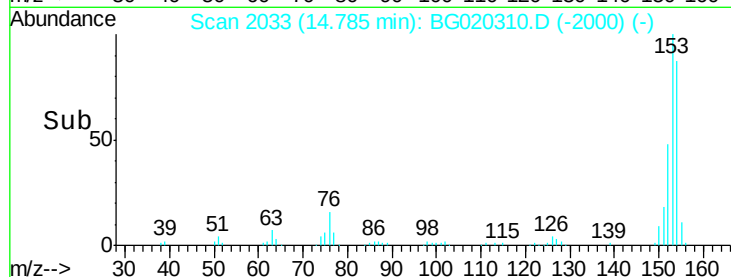
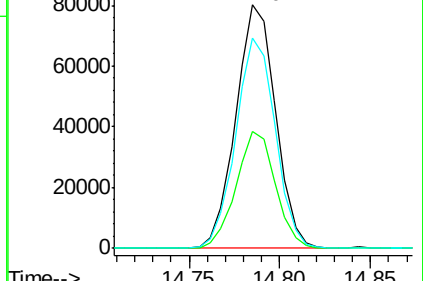
154 86.6 67.9 101.9



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



#53

4-Nitrophenol

Concen: 35.03 ng/ul

RT: 14.93 min Scan# 2057

Delta R.T. 0.00 min

Lab File: BG020310.D

Acq: 19 Dec 2015 13:56

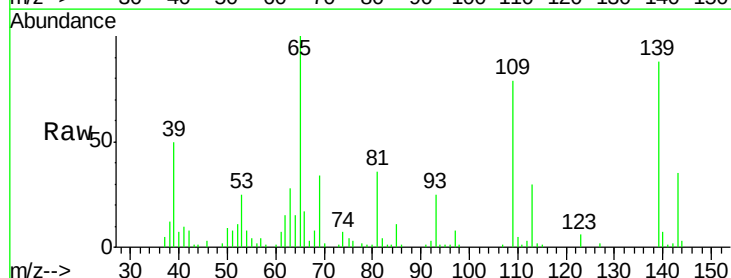
Tgt Ion:109 Resp: 30989

Ion Ratio Lower Upper

109 100

139 110.5 80.5 120.7

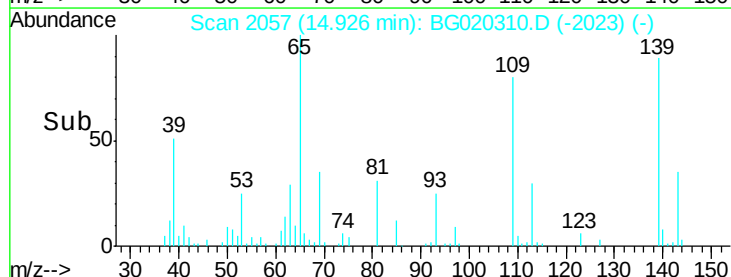
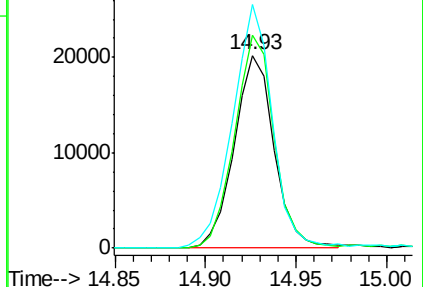
65 126.3 93.4 140.2

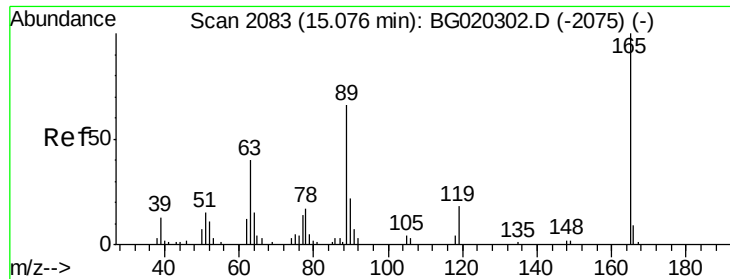


Abundance Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BG

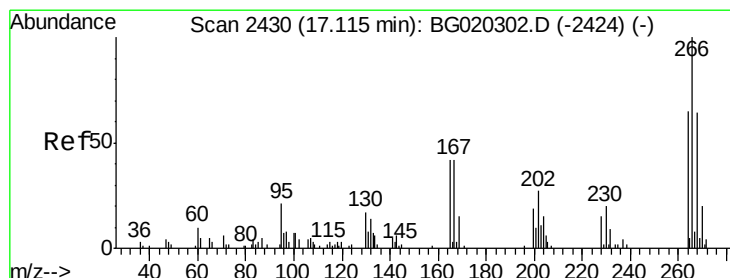
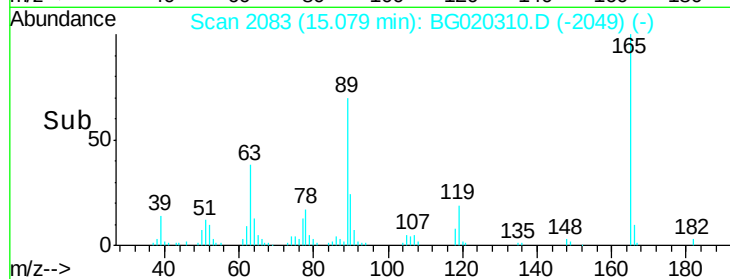
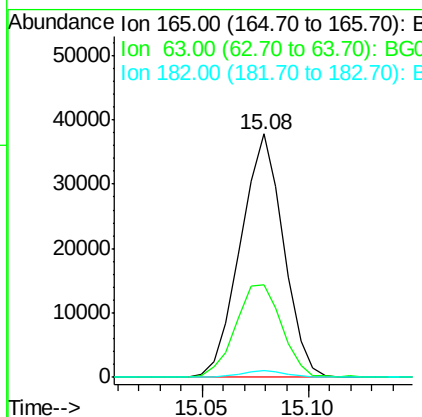
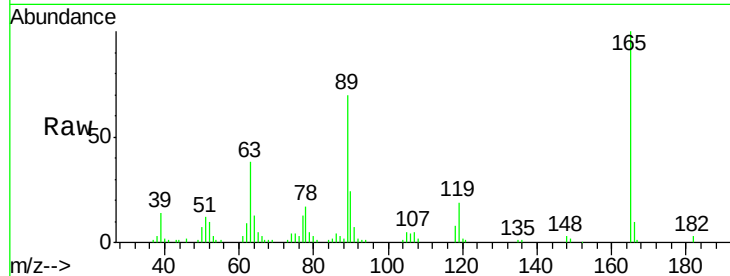




#55
 2,4-Dinitrotoluene
 Concen: 33.66 ng/ul
 RT: 15.08 min Scan# 2083
 Delta R.T. 0.00 min
 Lab File: BG020310.D
 Acq: 19 Dec 2015 13:56

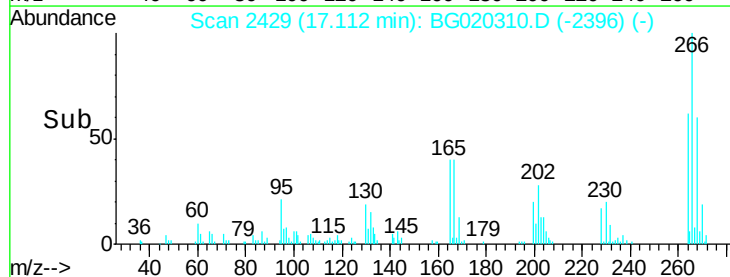
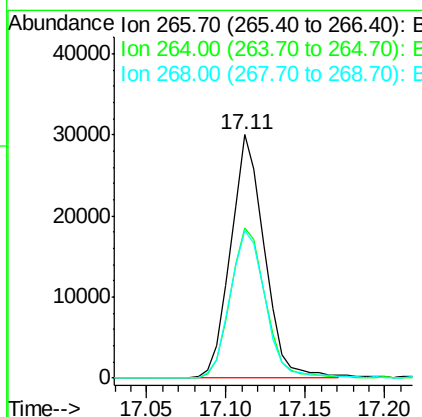
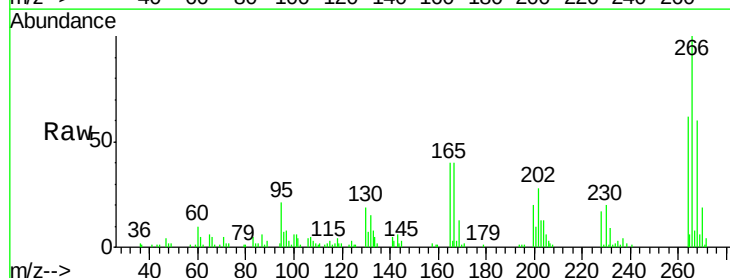
Instrument :
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 D9N68MS

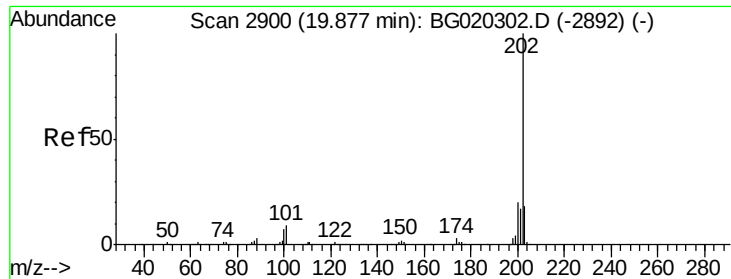
Tgt Ion:165 Resp: 53531
 Ion Ratio Lower Upper
 165 100
 63 38.2 35.8 53.8
 182 2.7 2.2 3.2



#69
 Pentachlorophenol
 Concen: 34.81 ng/ul
 RT: 17.11 min Scan# 2429
 Delta R.T. -0.00 min
 Lab File: BG020310.D
 Acq: 19 Dec 2015 13:56

Tgt Ion:266 Resp: 44318
 Ion Ratio Lower Upper
 266 100
 264 61.9 52.2 78.2
 268 60.4 49.3 73.9

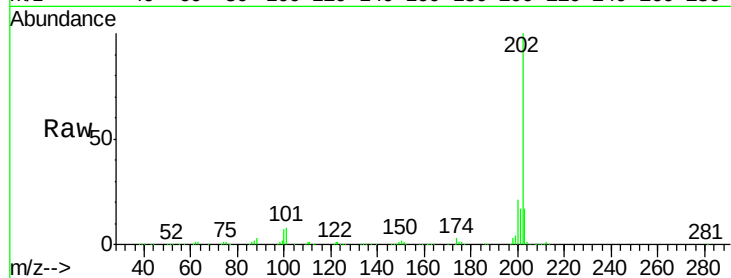




#80
 Pyrene
 Concen: 25.37 ng/ul
 RT: 19.88 min Scan# 2900
 Delta R.T. 0.00 min
 Lab File: BG020310.D
 Acq: 19 Dec 2015 13:56

Instrument :
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 ClientSampleId :
 D9N68MS

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.2	7.0	10.4
100	7.0	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

