

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM042516\
 Data File : BM005068.D
 Acq On : 26 Apr 2016 04:57
 Operator : UM/SJ
 Sample : H2584-13
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BC7N4

Quant Time: Apr 26 05:43:36 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM042516.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Apr 26 00:45:11 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	9799	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	76539	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.44	164	87684	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.19	188	238398	20.00	ng/ul	0.00
75) Chrysene-d12	21.37	240	285946	20.00	ng/ul	-0.01
83) Perylene-d12	23.66	264	256580	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.30	96	1622	8.41	ng/uL	0.00
5) Phenol-d5	6.97	99	36703	45.28	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	66940	145.15	ng/ul	0.00
9) 2-Chlorophenol-d4	7.33	132	80258	125.14	ng/ul	0.00
13) 4-Methylphenol-d8	8.50	113	64195	93.41	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	47591	89.78	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	55826	94.40	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.21	165	95417	84.93	ng/ul	0.00
29) 4-Chloroaniline-d4	10.73	131	6026	4.58	ng/ul	0.00
43) Dimethylphthalate-d6	13.84	166	361447	52.20	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	413999	50.20	ng/ul	0.00
51) 4-Nitrophenol-d4	14.64	143	16884	13.95	ng/ul	0.00
57) Fluorene-d10	15.43	176	301978	49.62	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.55	200	61748	45.54	ng/ul	0.00
70) Anthracene-d10	17.29	188	487656	45.62	ng/ul	0.00
76) Pyrene-d10	19.58	212	567080	43.56	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.51	264	527548	45.89	ng/ul	0.00

Target Compounds

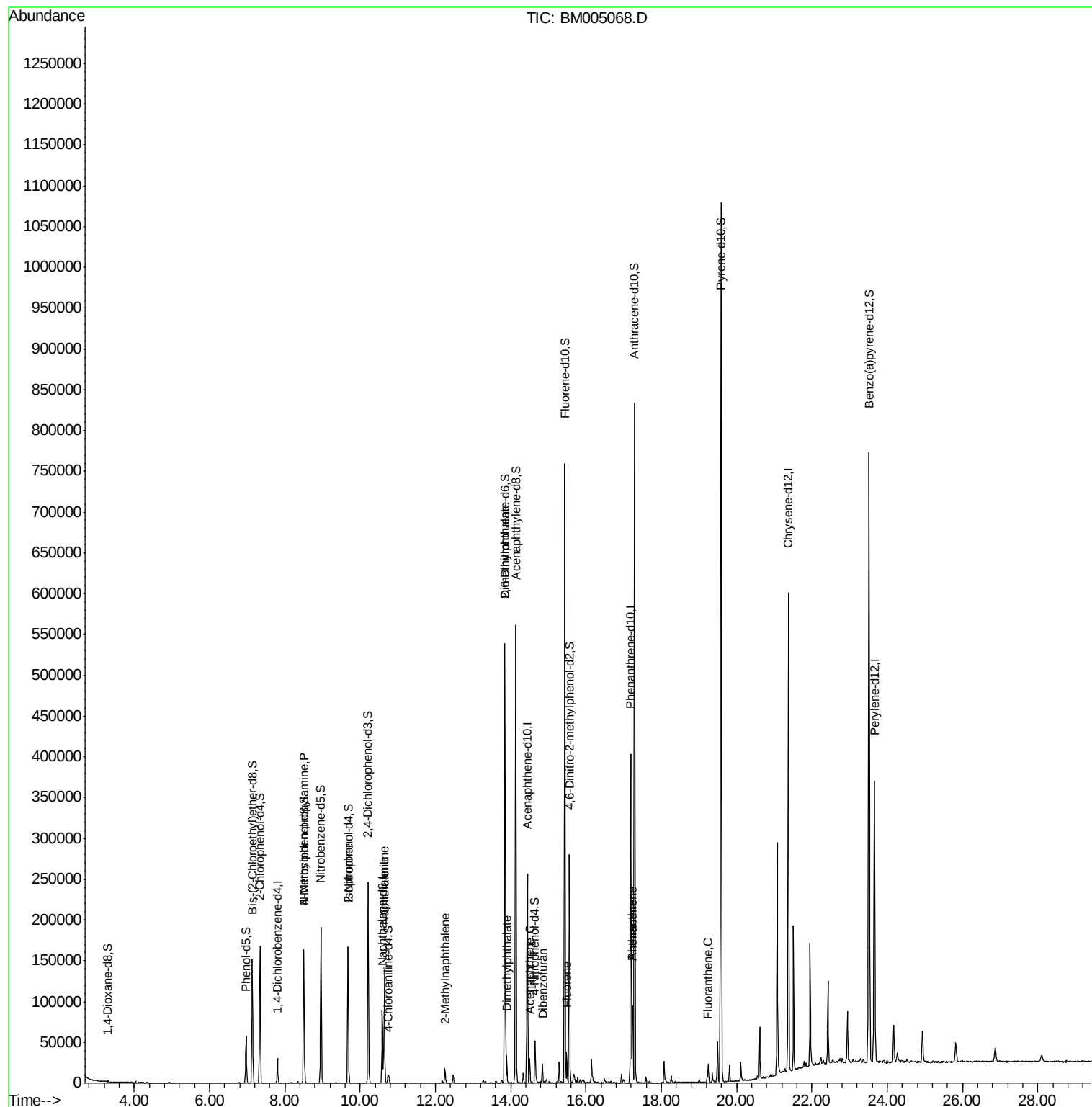
						Qvalue
15) N-Nitroso-di-n-propylamine	8.50	70	1445	2.79	ng/ul#	1
21) Isophorone	9.67	82	4469	1.80	ng/ul#	65
28) Naphthalene	10.64	128	119103	30.85	ng/ul	99
30) 4-Chloroaniline	10.64	127	15383	11.47	ng/ul#	5
34) 2-Methylnaphthalene	12.25	142	10992	3.85	ng/ul	98
44) Dimethylphthalate	13.89	163	21877	3.15	ng/ul	98
45) 2,6-Dinitrotoluene	13.85	165	2458	1.83	ng/ul#	38
49) Acenaphthene	14.50	153	13960	2.43	ng/ul	97
53) Dibenzofuran	14.84	168	15477	1.83	ng/ul	98
58) Fluorene	15.49	166	18620	2.83	ng/ul	96
69) Phenanthrene	17.23	178	60654	4.78	ng/ul	98
71) Anthracene	17.23	178	60654	4.74	ng/ul	97
74) Fluoranthene	19.24	202	15605	1.12	ng/ul	97

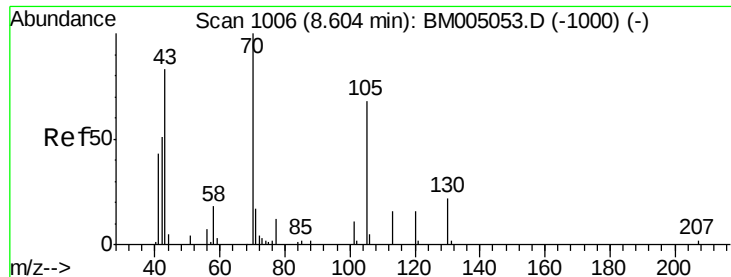
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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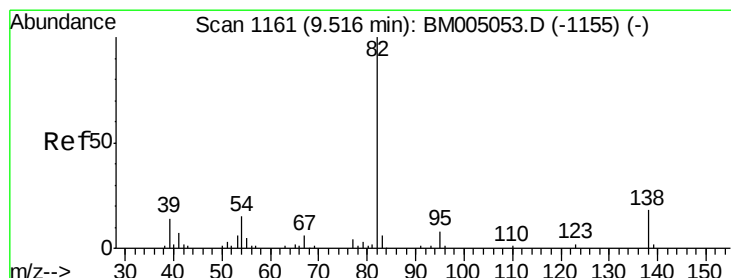
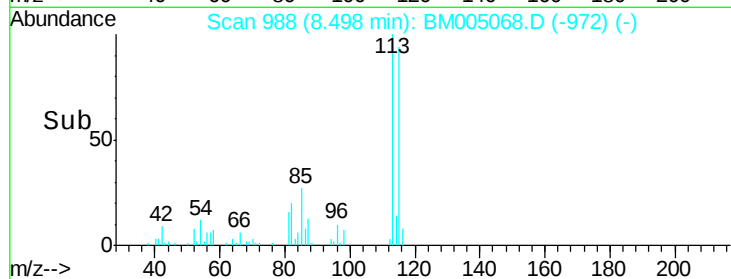
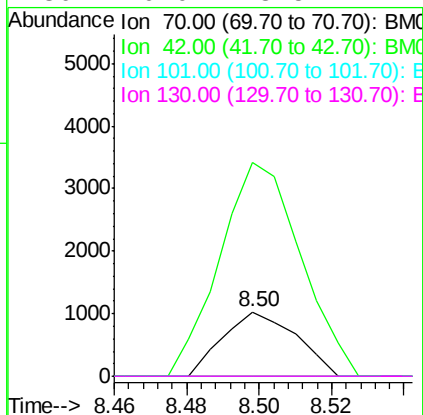
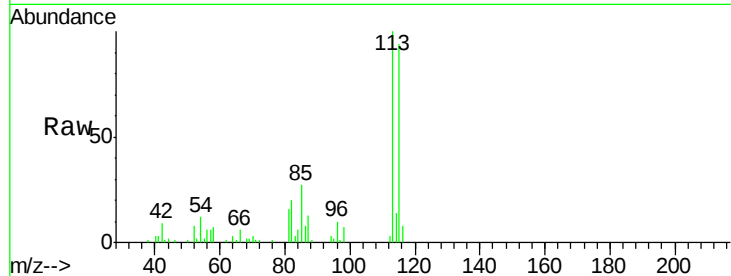




#15
N-Nitroso-di-n-propylamine
Concen: 2.79 ng/ul
RT: 8.50 min Scan# 988
Delta R.T. -0.11 min
Lab File: BM005068.D
Acq: 26 Apr 2016 04:57

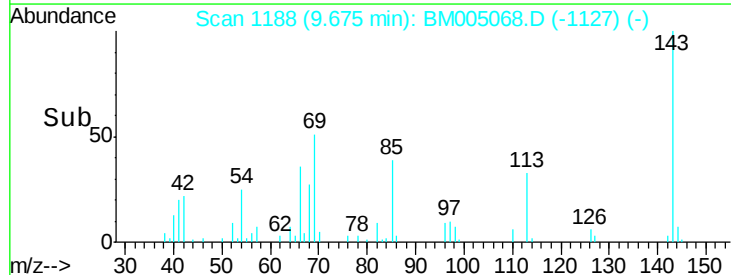
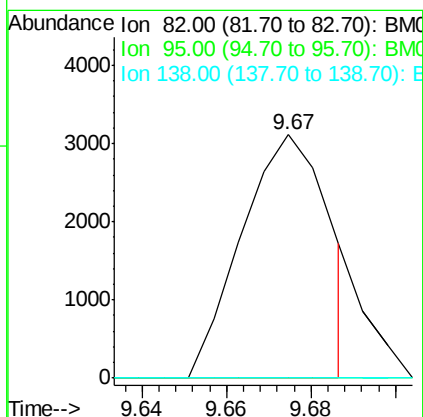
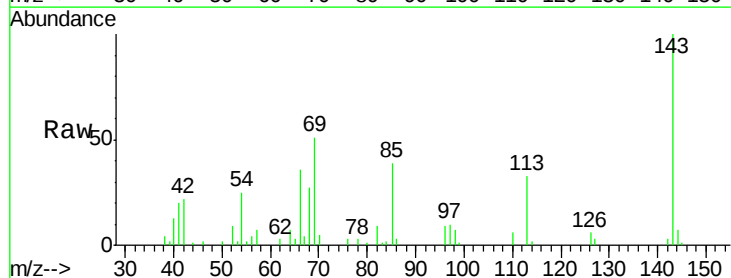
Instrument :
BNA_M
ClientSampleId :
BC7N4

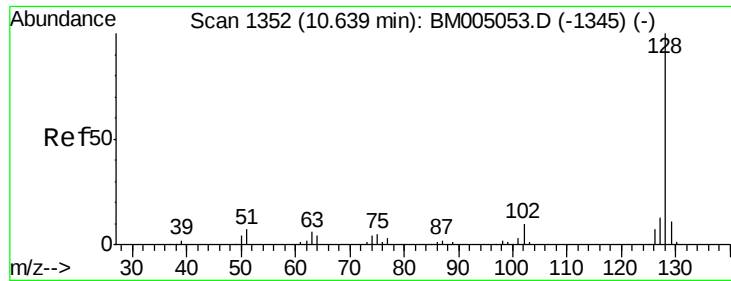
Tgt Ion: 70 Resp: 1445
Ion Ratio Lower Upper
70 100
42 330.7 40.6 60.8#
101 0.0 8.2 12.4#
130 0.0 18.5 27.7#



#21
Isophorone
Concen: 1.80 ng/ul
RT: 9.67 min Scan# 1188
Delta R.T. 0.16 min
Lab File: BM005068.D
Acq: 26 Apr 2016 04:57

Tgt Ion: 82 Resp: 4469
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.6 22.0#

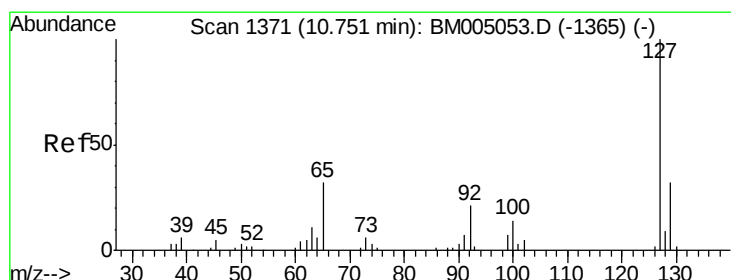
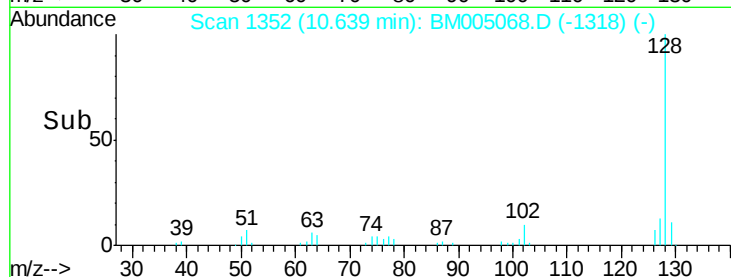
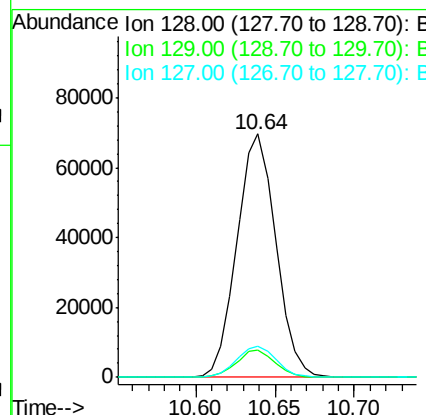
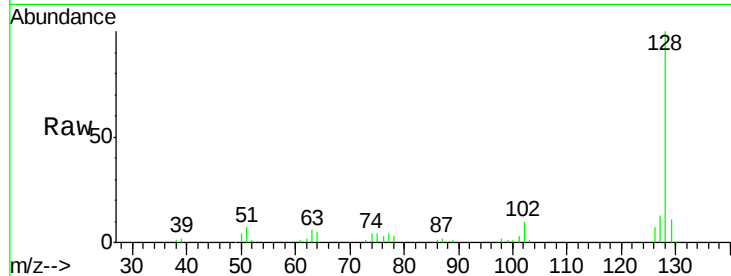




#28
Naphthalene
Concen: 30.85 ng/ul
RT: 10.64 min Scan# 1352
Delta R.T. 0.00 min
Lab File: BM005068.D
Acq: 26 Apr 2016 04:57

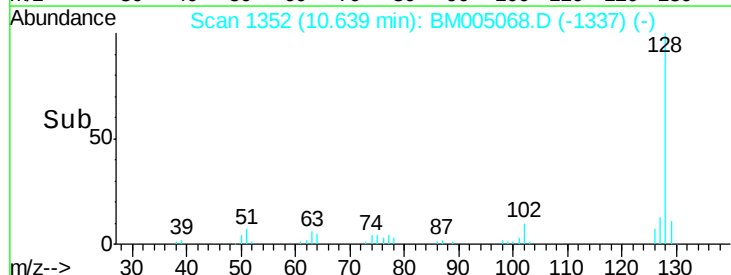
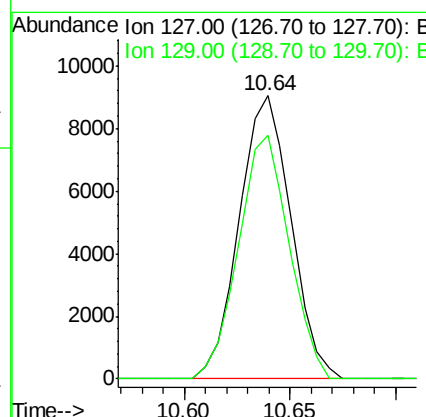
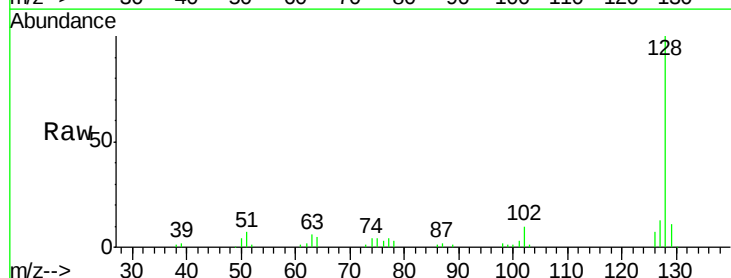
Instrument :
BNA_M
ClientSampleId :
BC7N4

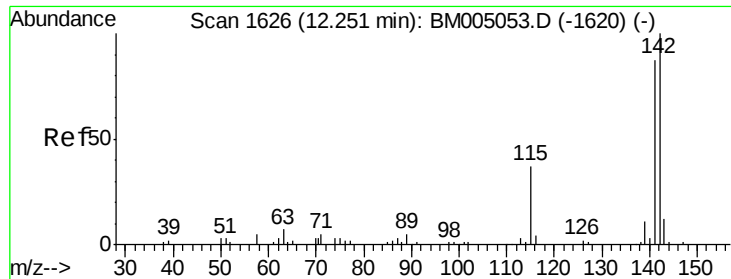
Tgt Ion:128 Resp: 119103
Ion Ratio Lower Upper
128 100
129 11.2 8.7 13.1
127 13.0 10.6 15.8



#30
4-Chloroaniline
Concen: 11.47 ng/ul
RT: 10.64 min Scan# 1352
Delta R.T. -0.11 min
Lab File: BM005068.D
Acq: 26 Apr 2016 04:57

Tgt Ion:127 Resp: 15383
Ion Ratio Lower Upper
127 100
129 86.0 26.0 39.0#

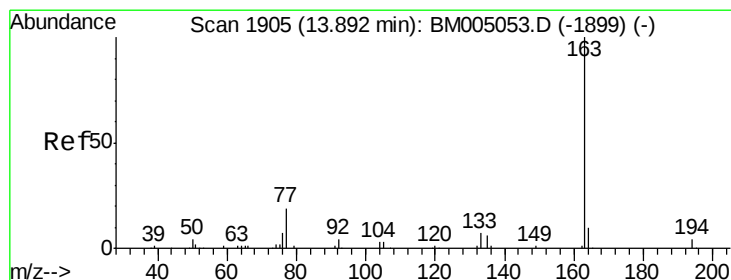
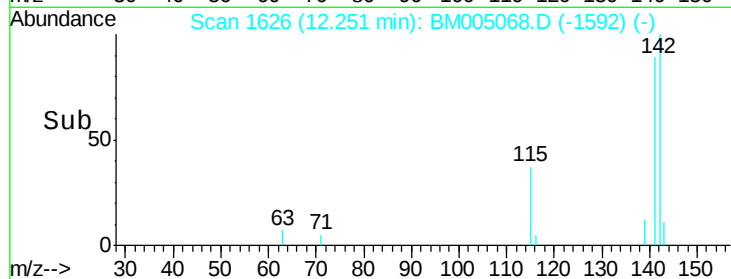
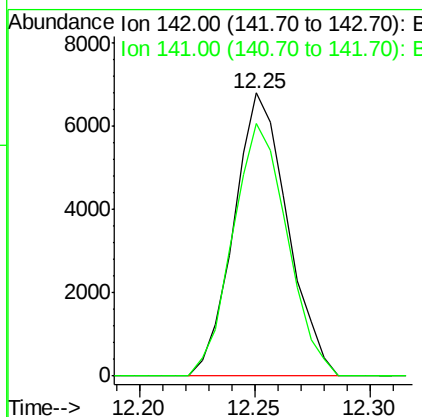
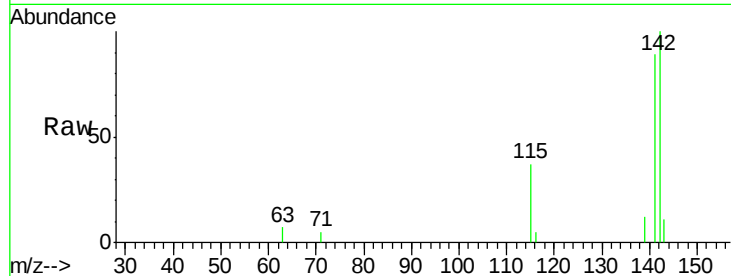




#34
 2-Methylnaphthalene
 Concen: 3.85 ng/ul
 RT: 12.25 min Scan# 1626
 Delta R.T. 0.00 min
 Lab File: BM005068.D
 Acq: 26 Apr 2016 04:57

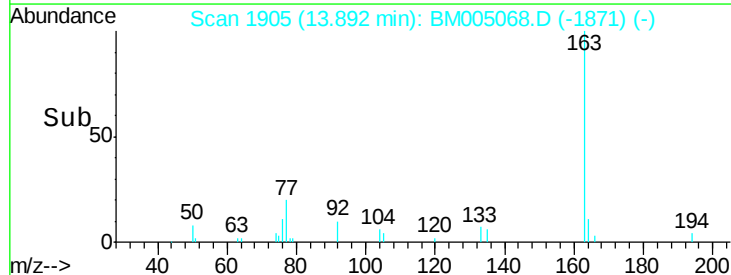
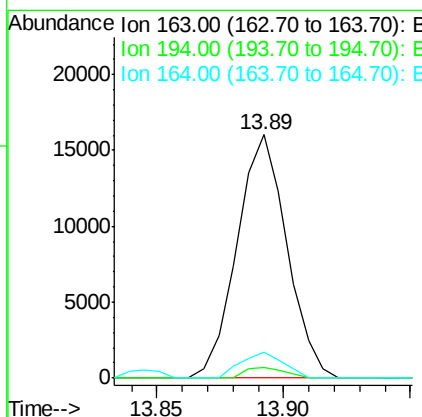
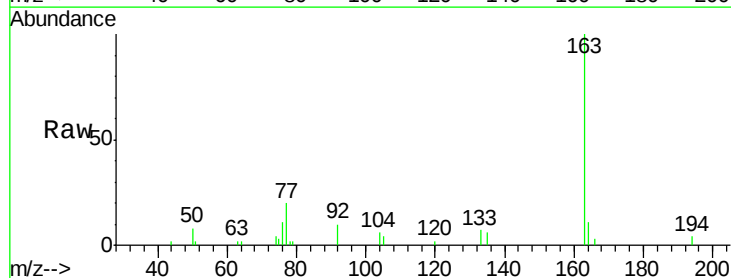
Instrument :
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 ClientSampleId :
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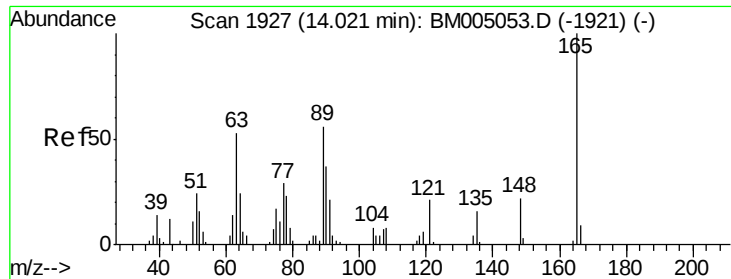
Tgt Ion:142 Resp: 10992
 Ion Ratio Lower Upper
 142 100
 141 89.4 70.3 105.5



#44
 Dimethylphthalate
 Concen: 3.15 ng/ul
 RT: 13.89 min Scan# 1905
 Delta R.T. 0.00 min
 Lab File: BM005068.D
 Acq: 26 Apr 2016 04:57

Tgt Ion:163 Resp: 21877
 Ion Ratio Lower Upper
 163 100
 194 4.3 3.3 4.9
 164 10.9 8.2 12.2

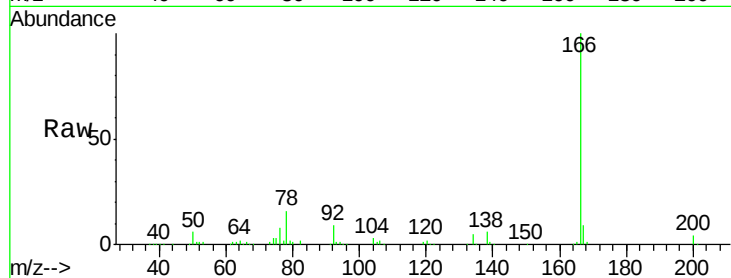




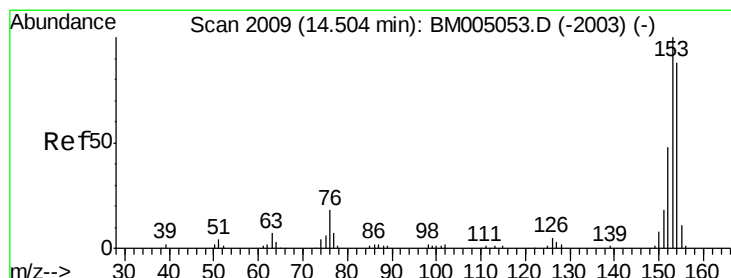
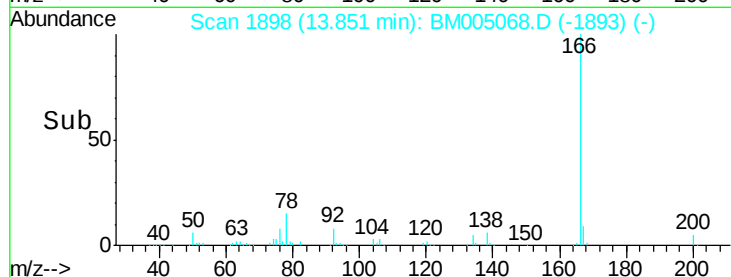
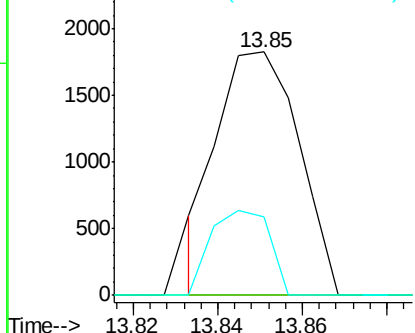
#45
 2,6-Dinitrotoluene
 Concen: 1.83 ng/ul
 RT: 13.85 min Scan# 1898
 Delta R.T. -0.17 min
 Lab File: BM005068.D
 Acq: 26 Apr 2016 04:57

Instrument :
 BNA_M
 ClientSampleId :
 BC7N4

Tgt Ion:165 Resp: 2458
 Ion Ratio Lower Upper
 165 100
 89 0.0 43.1 64.7#
 121 32.5 16.0 24.0#

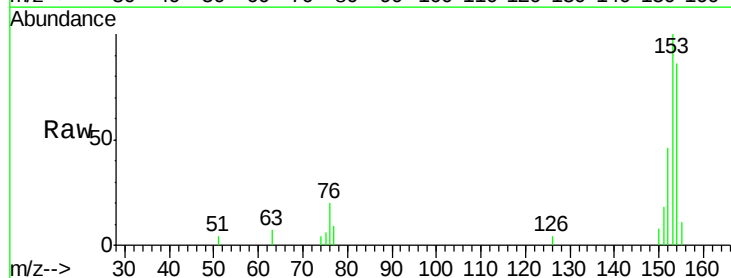


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 89.00 (88.70 to 89.70): BM0
 Ion 121.00 (120.70 to 121.70): E

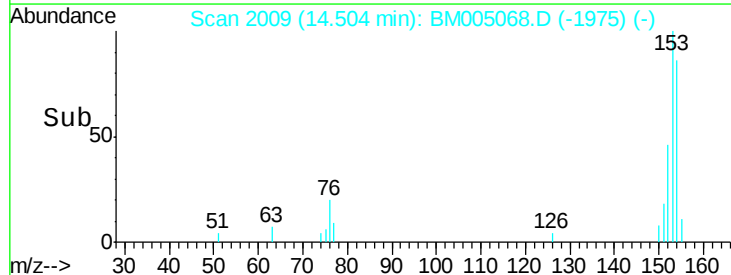
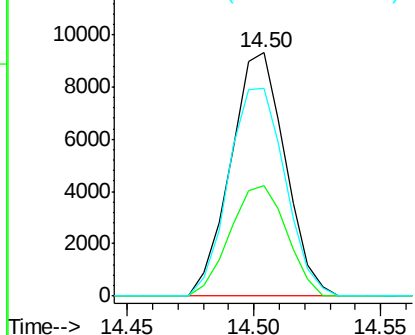


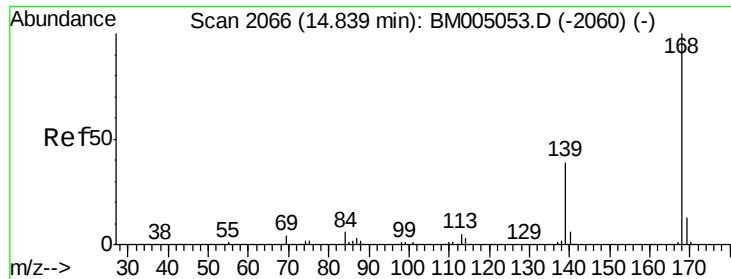
#49
 Acenaphthene
 Concen: 2.43 ng/ul
 RT: 14.50 min Scan# 2009
 Delta R.T. 0.00 min
 Lab File: BM005068.D
 Acq: 26 Apr 2016 04:57

Tgt Ion:153 Resp: 13960
 Ion Ratio Lower Upper
 153 100
 152 45.6 37.7 56.5
 154 85.6 71.4 107.2



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

Dibenzenofuran

Concen: 1.83 ng/ul

RT: 14.84 min Scan# 2066

Delta R.T. 0.00 min

Lab File: BM005068.D

Acq: 26 Apr 2016 04:57

Instrument :

BNA_M

ClientSampleId :

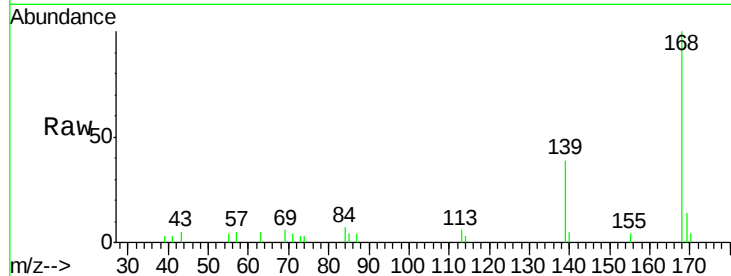
BC7N4

Tgt Ion:168 Resp: 15477

Ion Ratio Lower Upper

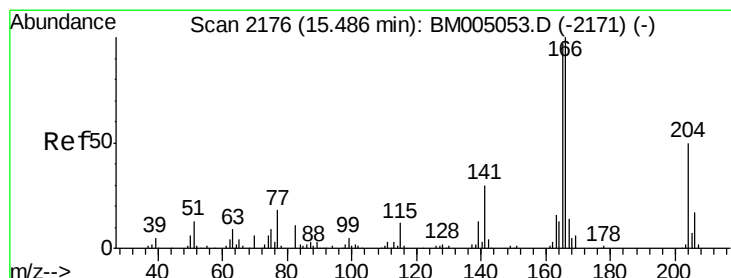
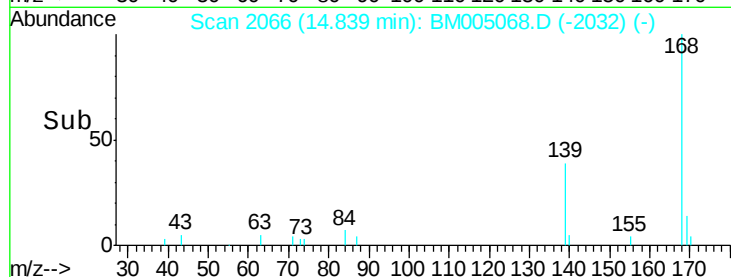
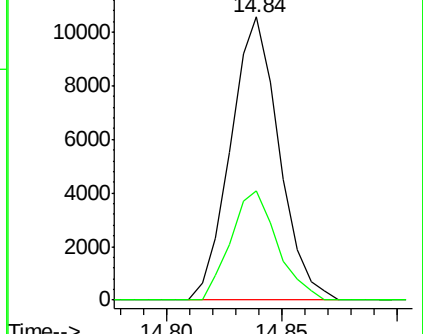
168 100

139 38.6 29.9 44.9



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E



#58

Fluorene

Concen: 2.83 ng/ul

RT: 15.49 min Scan# 2176

Delta R.T. 0.00 min

Lab File: BM005068.D

Acq: 26 Apr 2016 04:57

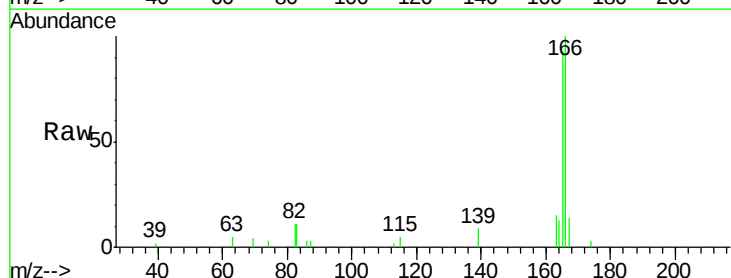
Tgt Ion:166 Resp: 18620

Ion Ratio Lower Upper

166 100

165 93.2 77.7 116.5

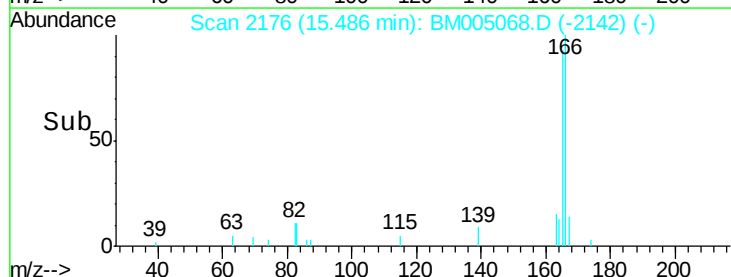
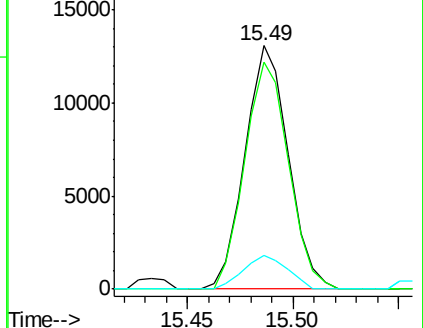
167 14.0 10.9 16.3

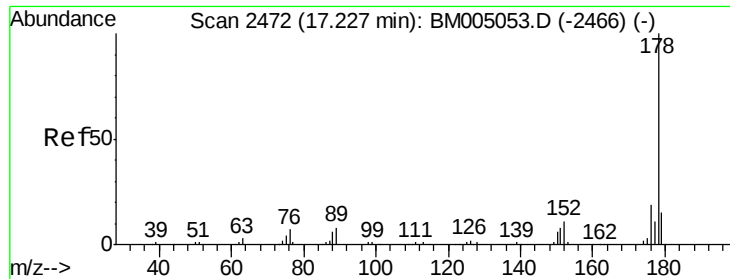


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#69

Phenanthrene

Concen: 4.78 ng/ul

RT: 17.23 min Scan# 2472

Delta R.T. 0.00 min

Lab File: BM005068.D

Acq: 26 Apr 2016 04:57

Instrument :

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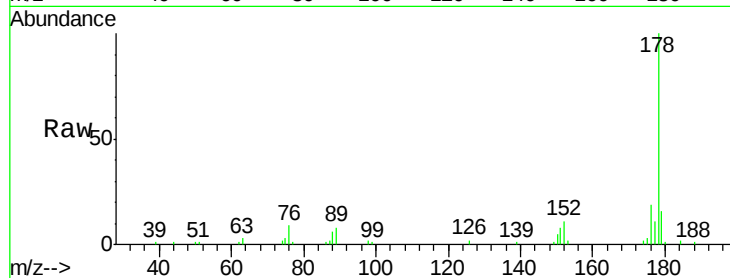
Tgt Ion:178 Resp: 60654

Ion Ratio Lower Upper

178 100

179 16.4 11.8 17.8

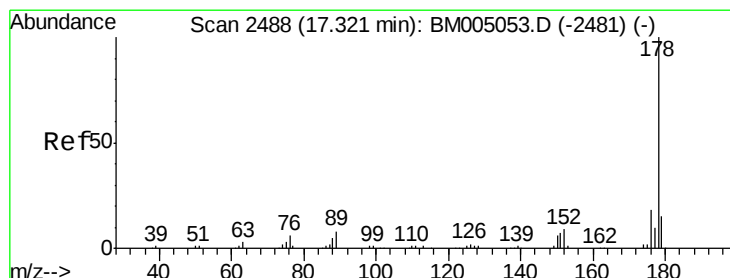
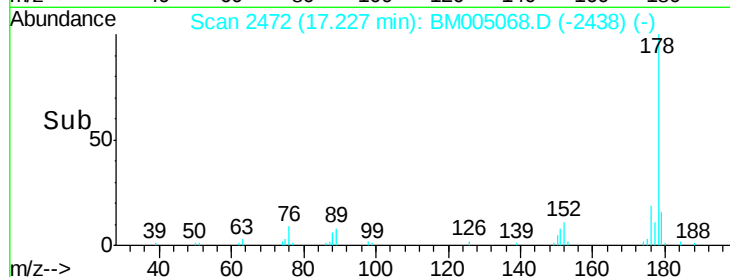
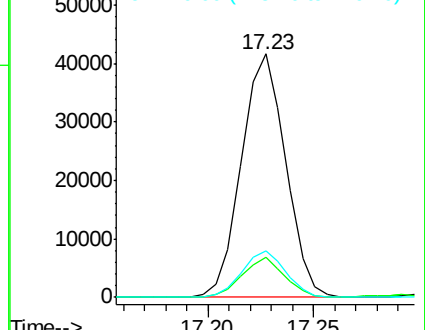
176 19.4 15.2 22.8



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



#71

Anthracene

Concen: 4.74 ng/ul

RT: 17.23 min Scan# 2472

Delta R.T. -0.09 min

Lab File: BM005068.D

Acq: 26 Apr 2016 04:57

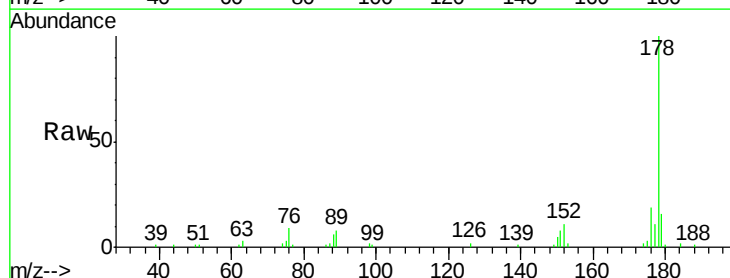
Tgt Ion:178 Resp: 60654

Ion Ratio Lower Upper

178 100

179 16.4 12.1 18.1

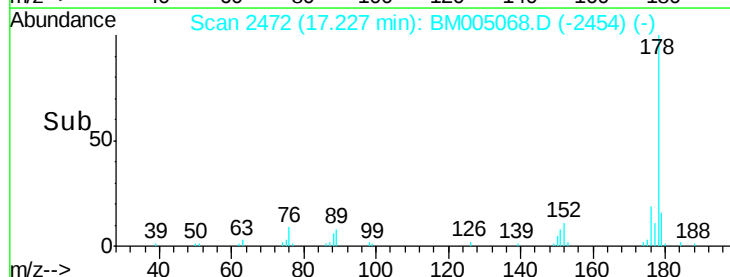
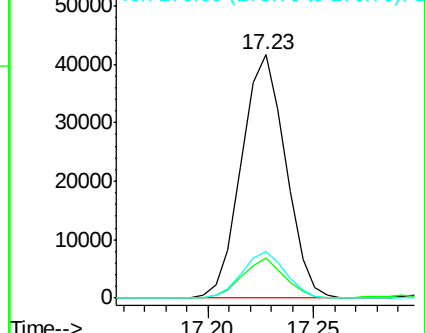
176 19.4 14.6 22.0

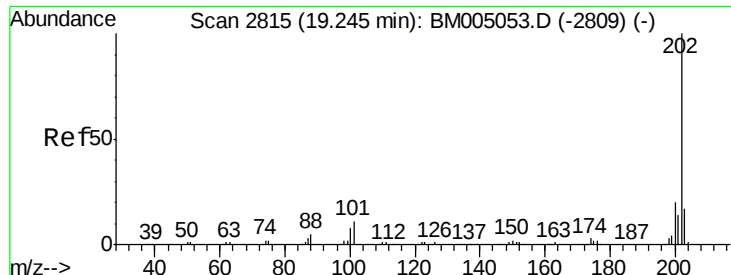


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#74

Fluoranthene

Concen: 1.12 ng/ul

RT: 19.24 min Scan# 2815

Delta R.T. 0.00 min

Lab File: BM005068.D

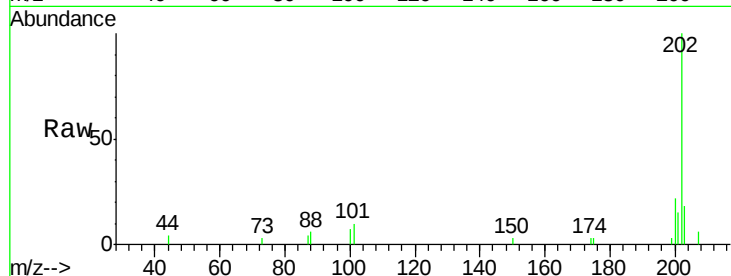
Acq: 26 Apr 2016 04:57

Instrument :

BNA_M

ClientSampleId :

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Tgt Ion:202 Resp: 15605

Ion Ratio Lower Upper

202 100

101 10.2 9.0 13.4

100 7.3 6.6 10.0

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

