

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN072318\
 Data File : BN002118.D
 Acq On : 23 Jul 2018 22:27
 Operator : JU/SJ
 Sample : J4038-09
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jul 24 02:25:45 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN071318MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jul 24 02:24:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	304316	20.00	ng/ul	0.00
18) Naphthalene-d8	10.48	136	1358511	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.33	164	743836	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.08	188	1582250	20.00	ng/ul	0.00
77) Chrysene-d12	21.28	240	1210316	20.00	ng/ul	0.00
85) Perylene-d12	23.51	264	1041190	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.26	96	14486	2.15	ng/uL	0.00
5) Phenol-d5	6.88	99	377090	13.16	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.04	67	241581	13.84	ng/ul	0.00
9) 2-Chlorophenol-d4	7.23	132	311427	13.76	ng/ul	0.00
13) 4-Methylphenol-d8	8.40	113	309424	13.40	ng/ul	0.00
19) Nitrobenzene-d5	8.85	128	163185	14.50	ng/ul	0.00
22) 2-Nitrophenol-d4	9.56	143	183147	14.39	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.10	165	324125	14.07	ng/ul	0.00
29) 4-Chloroaniline-d4	10.61	131	133052	5.02	ng/ul	0.00
43) Dimethylphthalate-d6	13.75	166	1013185	16.07	ng/ul	0.00
46) Acenaphthylene-d8	14.03	160	1259569	16.06	ng/ul	0.00
51) 4-Nitrophenol-d4	14.55	143	149258	12.39	ng/ul	0.00
57) Fluorene-d10	15.33	176	903177	16.66	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.45	200	132789	12.89	ng/ul	0.00
70) Anthracene-d10	17.17	188	1303192	16.89	ng/ul	0.00
78) Pyrene-d10	19.47	212	1304579	20.73	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.37	264	968070	17.22	ng/ul	0.00

Target Compounds

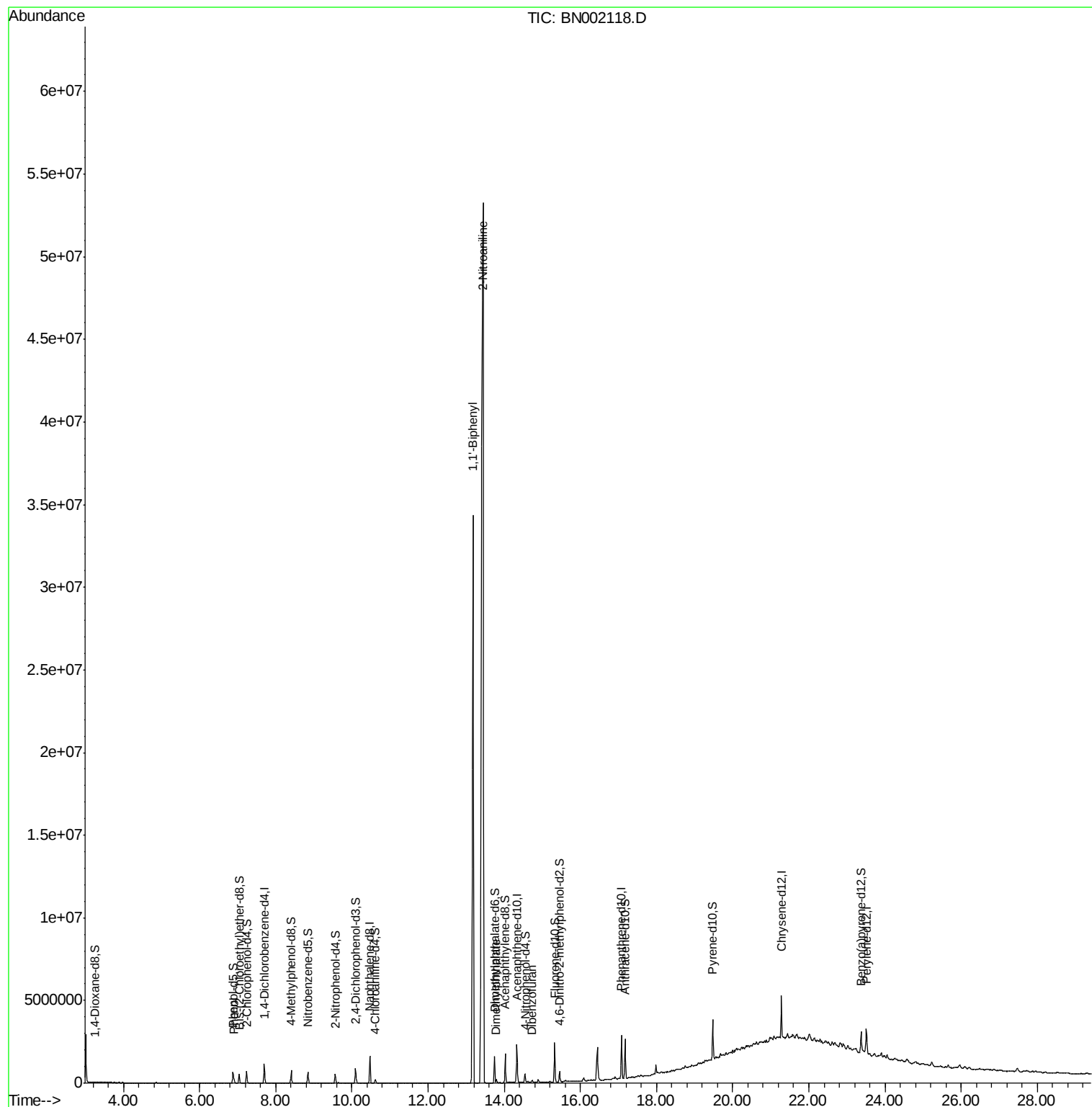
					Ovalue	
6) Phenol	6.90	94	103952	3.612	ng/ul	93
40) 1,1'-Biphenyl	13.18	154	20243507	327.016	ng/ul#	81
42) 2-Nitroaniline	13.45	65	3876216	250.465	ng/ul#	1
44) Dimethylphthalate	13.79	163	126919	2.055	ng/ul	99
53) Dibenzofuran	14.73	168	85693	1.167	ng/ul	97

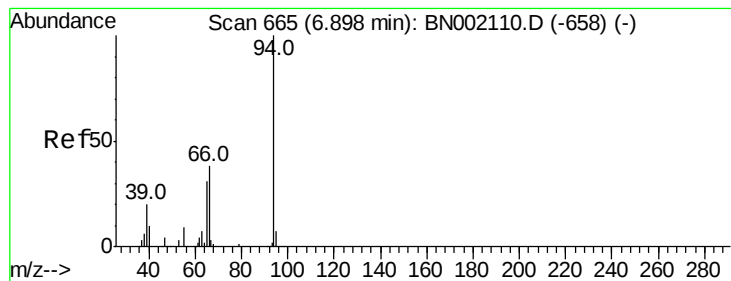
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 3.612 ng/ul

RT: 6.90 min Scan# 666

Delta R.T. 0.01 min

Lab File: BN002118.D

Acq: 23 Jul 2018 22:27

Instrument :

BNA_N

ClientSampleId :

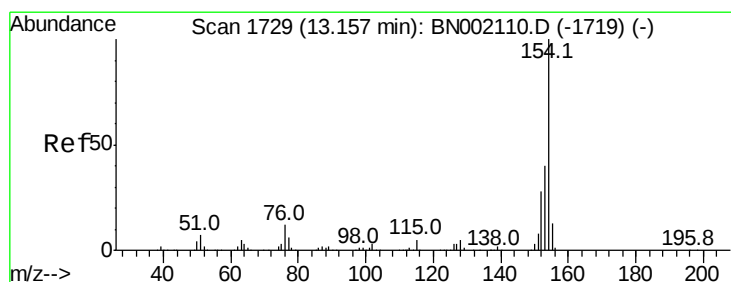
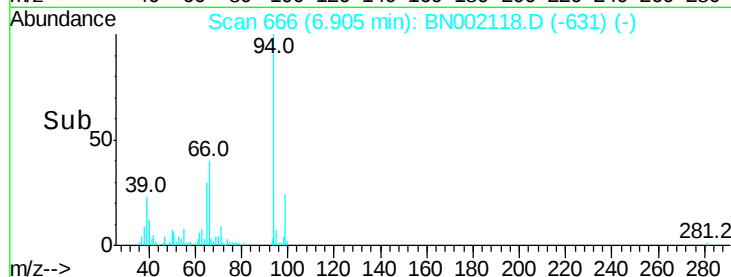
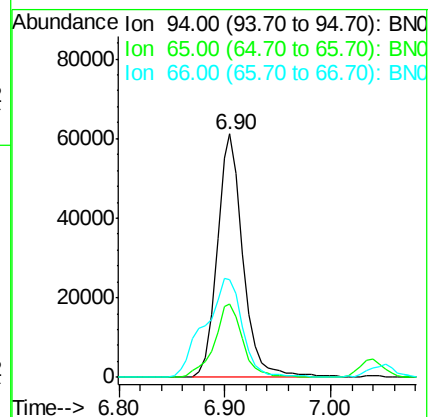
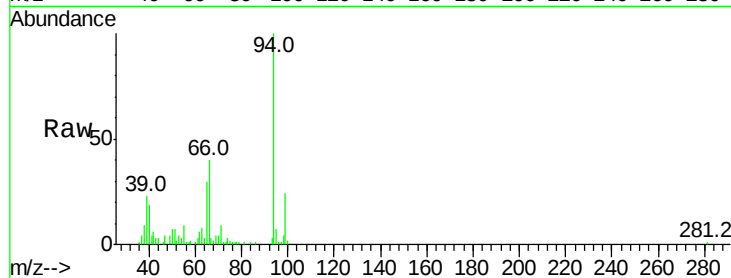
Tot Ion: 94 Resp: 103952

Ion Ratio Lower Upper

94 100

65 29.9 21.0 31.6

66 40.3 29.3 43.9



#40

1,1'-Biphenyl

Concen: 327.016 ng/ul

RT: 13.18 min Scan# 1732

Delta R.T. 0.02 min

Lab File: BN002118.D

Acq: 23 Jul 2018 22:27

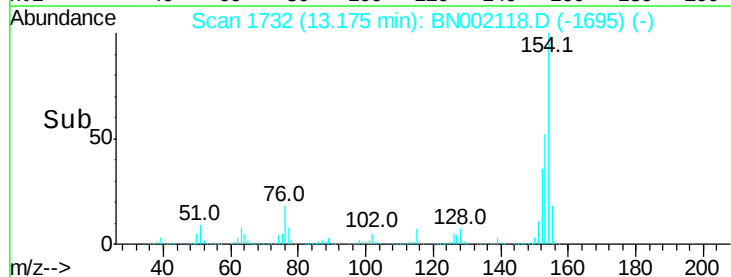
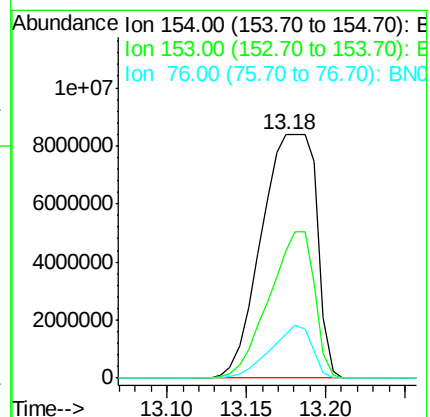
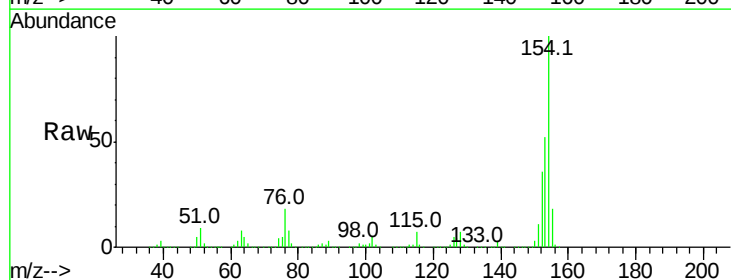
Tgt Ion:154 Resp:20243507

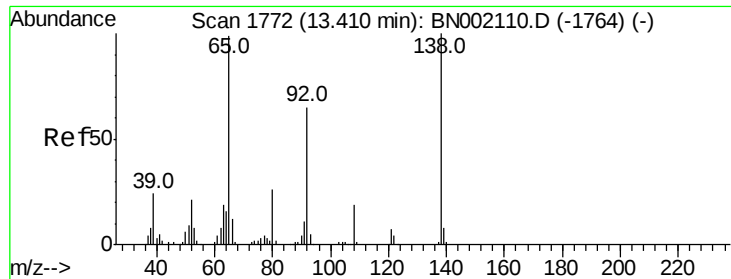
Ion Ratio Lower Upper

154 100

153 52.0 32.1 48.1#

76 18.3 9.5 14.3#





#42

2-Nitroaniline

Concen: 250.465 ng/ul

RT: 13.45 min Scan# 1778

Delta R.T. 0.04 min

Lab File: BN002118.D

Acq: 23 Jul 2018 22:27

Instrument :

BNA_N

ClientSampled :

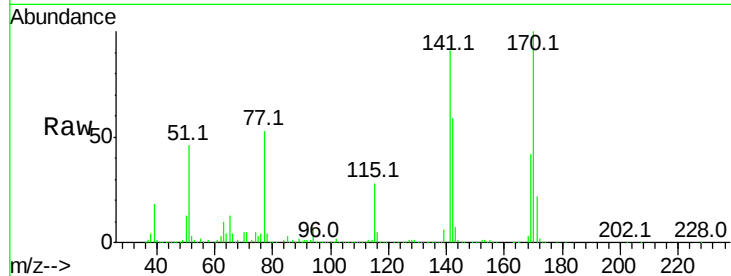
Tot Ion: 65 Resp: 3876216

Ion Ratio Lower Upper

65 100

92 4.9 60.4 90.6#

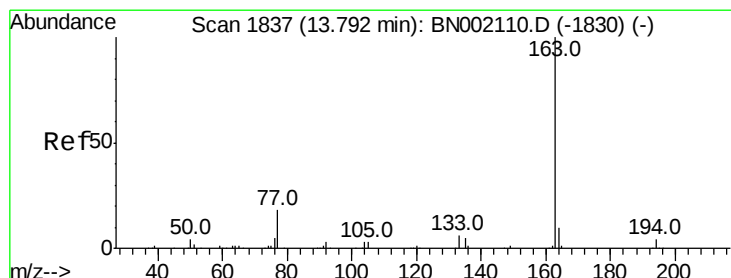
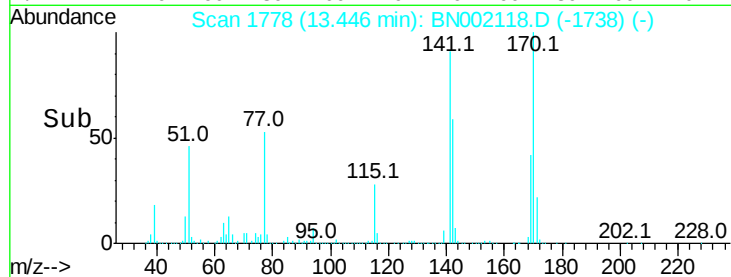
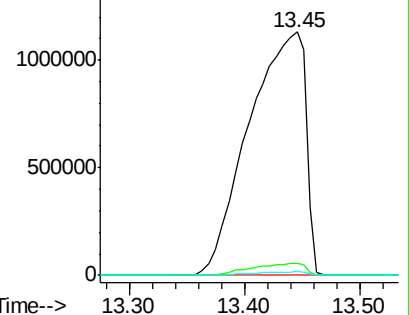
138 1.5 99.8 149.6#



Abundance Ion 65.00 (64.70 to 65.70): BN002110.D (-1764) (-)

Ion 92.00 (91.70 to 92.70): BN002110.D (-1764) (-)

Ion 138.00 (137.70 to 138.70): BN002110.D (-1764) (-)



#44

Dimethylphthalate

Concen: 2.055 ng/ul

RT: 13.79 min Scan# 1837

Delta R.T. 0.00 min

Lab File: BN002118.D

Acq: 23 Jul 2018 22:27

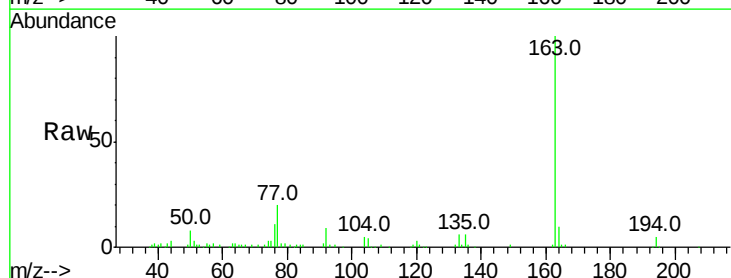
Tgt Ion:163 Resp: 126919

Ion Ratio Lower Upper

163 100

194 4.6 3.2 4.8

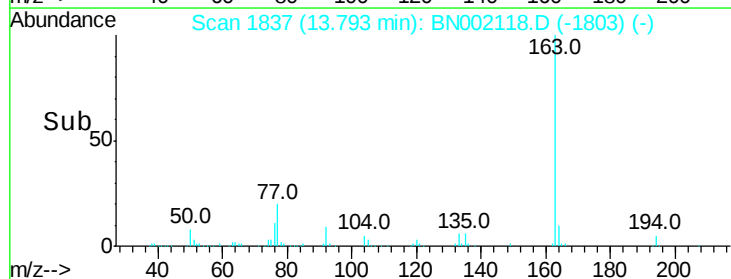
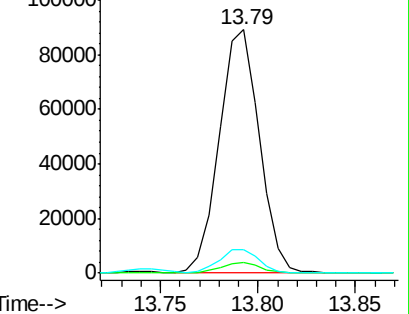
164 9.8 7.8 11.8

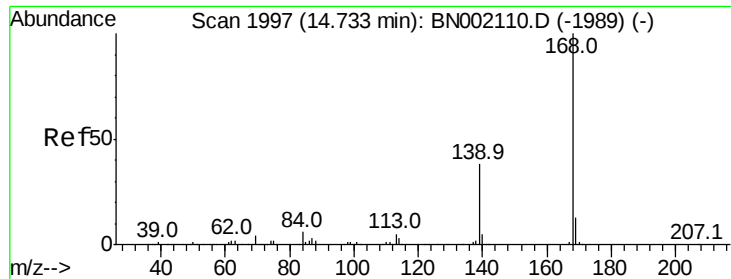


Abundance Ion 163.00 (162.70 to 163.70): BN002110.D (-1830) (-)

Ion 194.00 (193.70 to 194.70): BN002110.D (-1830) (-)

Ion 164.00 (163.70 to 164.70): BN002110.D (-1830) (-)





#53

Dibenzenofuran

Concen: 1.167 ng/ul

RT: 14.73 min Scan# 1997

Delta R.T. 0.00 min

Lab File: BN002118.D

Acq: 23 Jul 2018 22:27

Instrument :

BNA_N

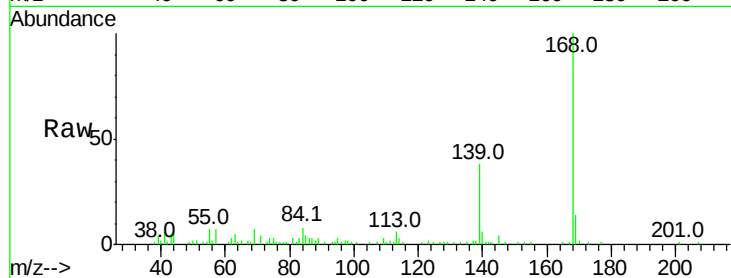
ClientSampleId :

Tot Ion:168 Resp: 85693

Ion Ratio Lower Upper

168 100

139 38.3 32.2 48.2



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

