

Data Path : Z:\HPCHEM1\BNA M\DATA\BM112217\
 Data File : BM013084.D
 Acq On : 22 Nov 2017 14:22
 Operator : SJ/JU
 Sample : I6526-06
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Nov 23 04:29:51 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM111617.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Nov 23 04:27:33 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	213671	20.00	ng/ul	0.00
18) Naphthalene-d8	10.49	136	897509	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.35	164	521573	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.10	188	1061075	20.00	ng/ul	0.00
75) Chrysene-d12	21.28	240	928011	20.00	ng/ul	0.00
83) Perylene-d12	23.51	264	840990	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.25	96	27806	6.03	ng/uL	0.00
5) Phenol-d5	6.89	99	127157	6.87	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.05	67	310103	29.53	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	358375	24.23	ng/ul	0.00
13) 4-Methylphenol-d8	8.42	113	242684	16.01	ng/ul	0.00
19) Nitrobenzene-d5	8.86	128	221710	34.66	ng/ul	0.00
22) 2-Nitrophenol-d4	9.58	143	242071	39.78	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.12	165	441510	28.59	ng/ul	0.00
29) 4-Chloroaniline-d4	10.65	131	2167	0.13	ng/ul	0.01
43) Dimethylphthalate-d6	13.77	166	1428959	31.23	ng/ul	0.00
46) Acenaphthylene-d8	14.04	160	1730798	29.69	ng/ul	0.00
51) 4-Nitrophenol-d4	14.57	143	42654	6.15	ng/ul	0.00
57) Fluorene-d10	15.35	176	1189668	30.60	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.46	200	183407	39.87	ng/ul	0.00
70) Anthracene-d10	17.20	188	1771387	32.61	ng/ul	0.00
76) Pyrene-d10	19.49	212	1690350	35.65	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.37	264	1440841	33.79	ng/ul	0.00

Target Compounds

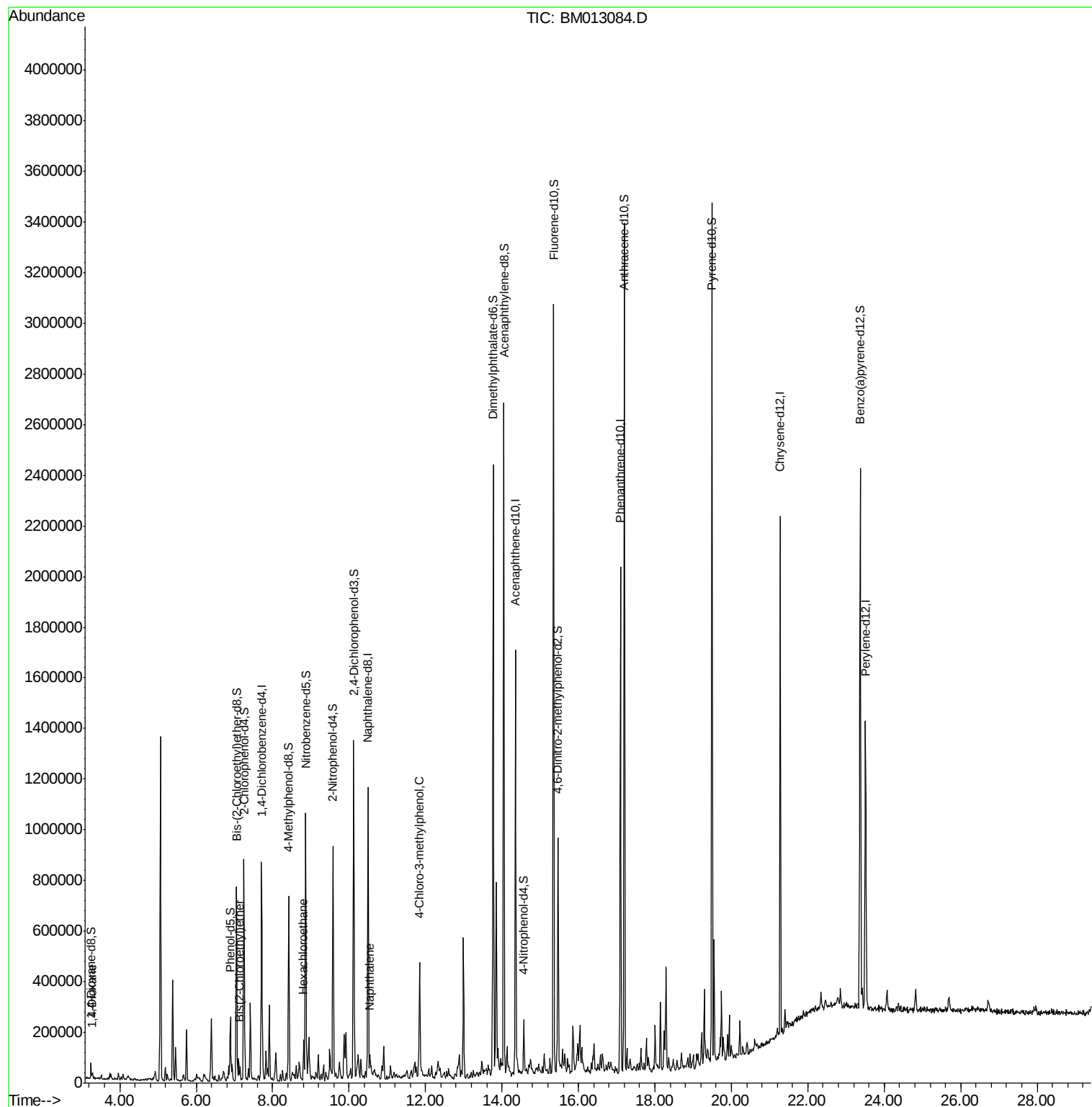
					Ovalue	
2) 1,4-Dioxane	3.28	88	10432	2.06	ng/uL#	65
8) Bis(2-Chloroethyl)ether	7.15	93	18233	1.33	ng/ul	95
17) Hexachloroethane	8.81	117	7913	1.28	ng/ul#	1
28) Naphthalene	10.54	128	59260	1.28	ng/ul	98
33) 4-Chloro-3-methylphenol	11.85	107	102796	6.72	ng/ul#	21

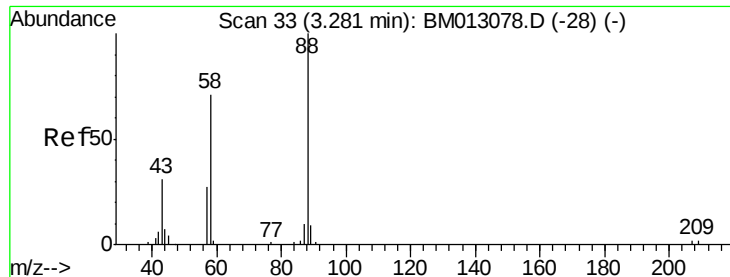
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 2.06 ng/uL

RT: 3.28 min Scan# 33

Delta R.T. -0.00 min

Lab File: BM013084.D

Acq: 22 Nov 2017 14:22

Instrument :

BNA_M

ClientSampled :

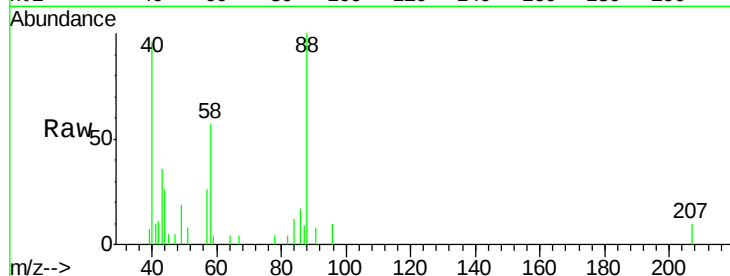
Tot Ion: 88 Resp: 10432

Ion Ratio Lower Upper

88 100

43 44.6 48.0 72.0#

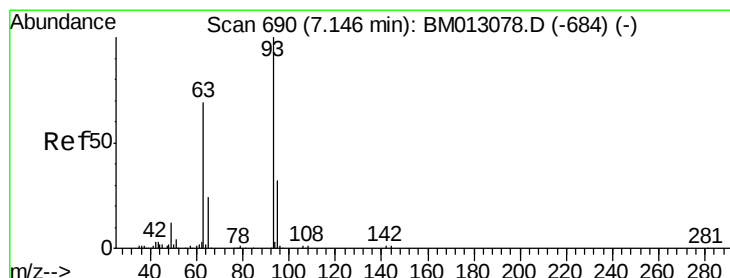
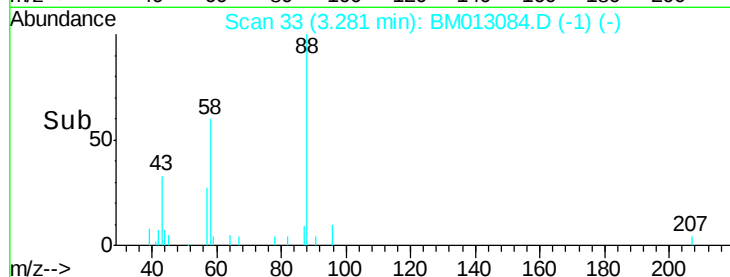
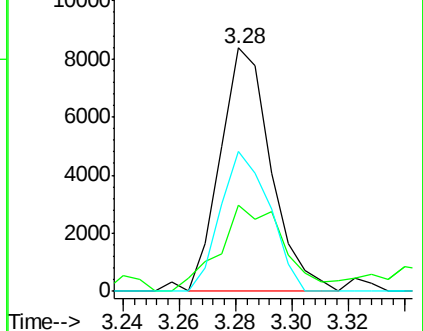
58 55.7 80.0 120.0#



Abundance Ion 88.00 (87.70 to 88.70): BM013078.D (-28) (-)

Ion 43.00 (42.70 to 43.70): BM013078.D (-28) (-)

Ion 58.00 (57.70 to 58.70): BM013078.D (-28) (-)



#8

Bis(2-Chloroethyl)ether

Concen: 1.33 ng/uL

RT: 7.15 min Scan# 690

Delta R.T. -0.00 min

Lab File: BM013084.D

Acq: 22 Nov 2017 14:22

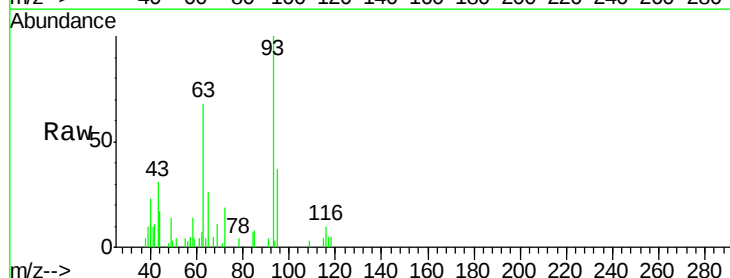
Tgt Ion: 93 Resp: 18233

Ion Ratio Lower Upper

93 100

63 68.4 57.3 85.9

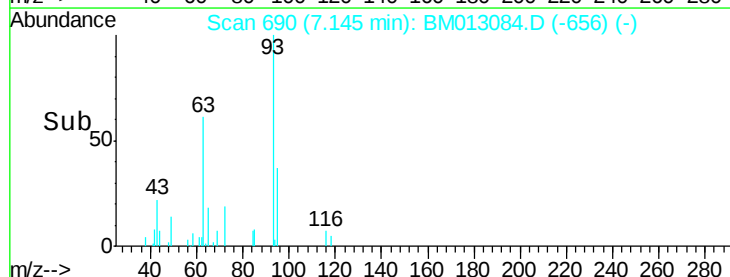
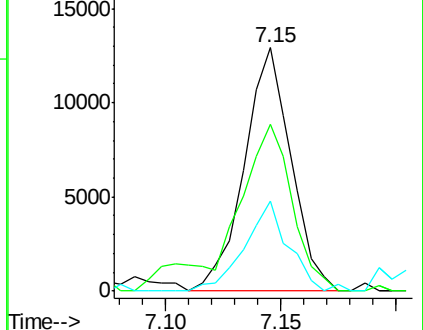
95 36.7 26.6 39.8

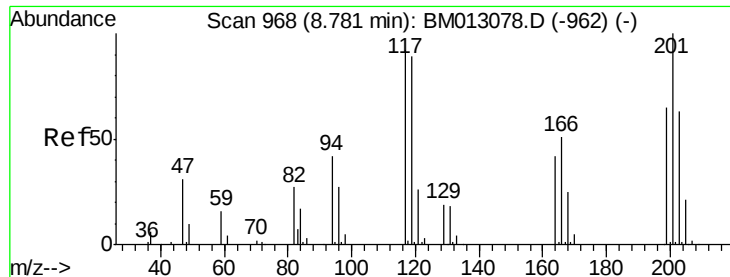


Abundance Ion 93.00 (92.70 to 93.70): BM013078.D (-684) (-)

Ion 63.00 (62.70 to 63.70): BM013078.D (-684) (-)

Ion 95.00 (94.70 to 95.70): BM013078.D (-684) (-)

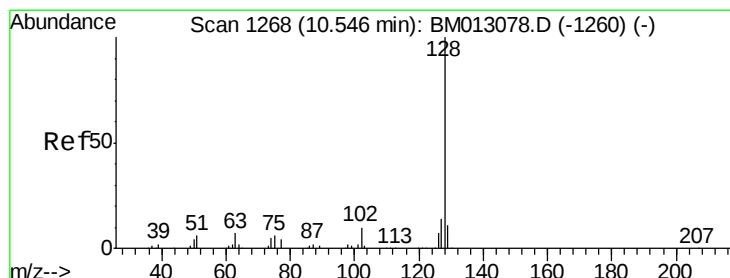
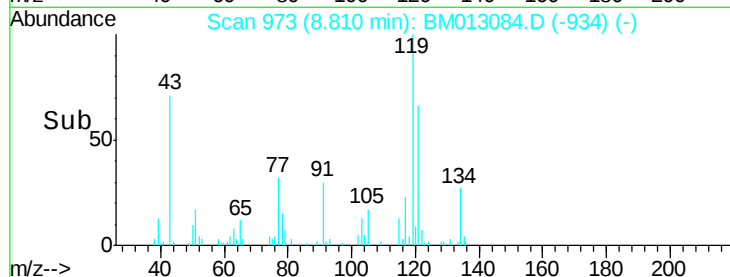
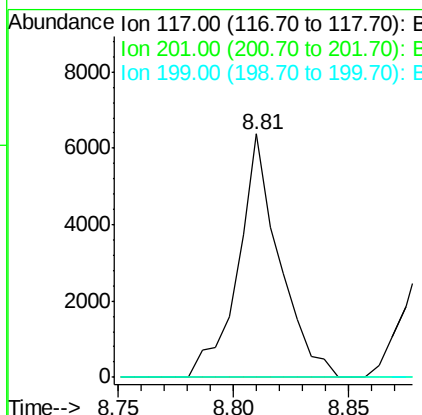
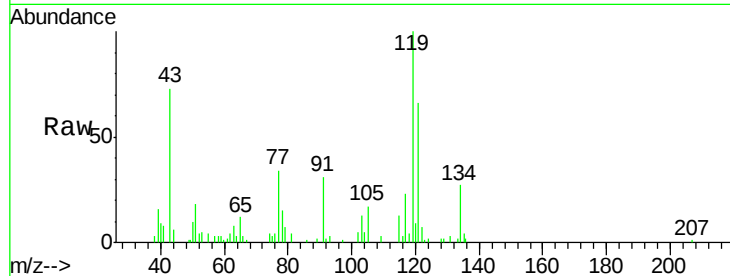




#17
Hexachloroethane
Concen: 1.28 ng/ul
RT: 8.81 min Scan# 973
Delta R.T. 0.03 min
Lab File: BM013084.D
Acq: 22 Nov 2017 14:22

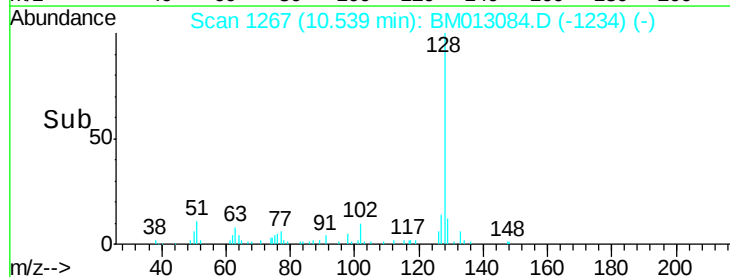
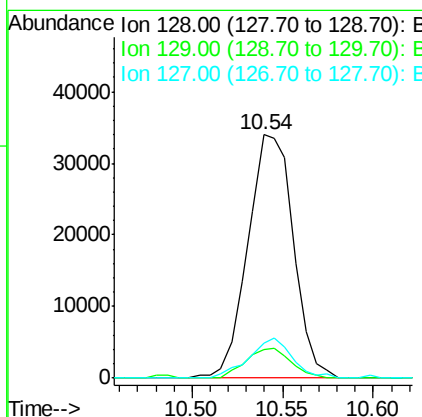
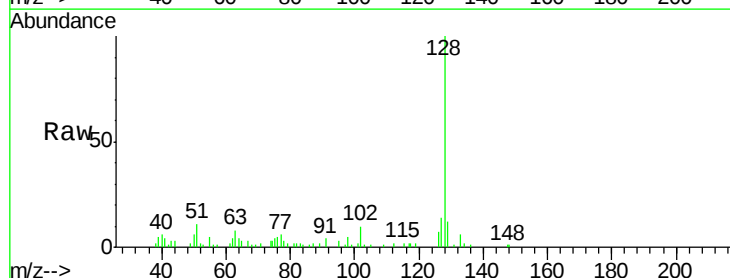
Instrument :
BNA_M
ClientSampleId :

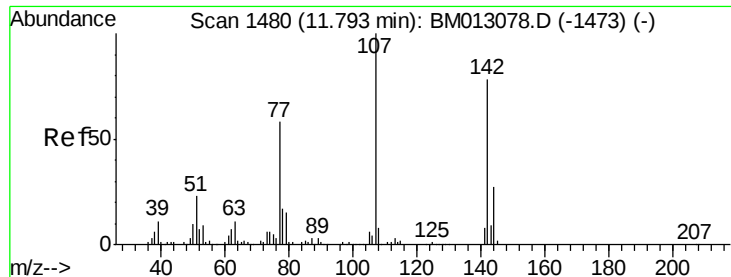
Tot Ion:117 Resp: 7913
Ion Ratio Lower Upper
117 100
201 0.0 111.6 167.4#
199 0.0 67.8 101.6#



#28
Naphthalene
Concen: 1.28 ng/ul
RT: 10.54 min Scan# 1267
Delta R.T. -0.01 min
Lab File: BM013084.D
Acq: 22 Nov 2017 14:22

Tgt Ion:128 Resp: 59260
Ion Ratio Lower Upper
128 100
129 11.5 8.8 13.2
127 14.4 10.6 16.0

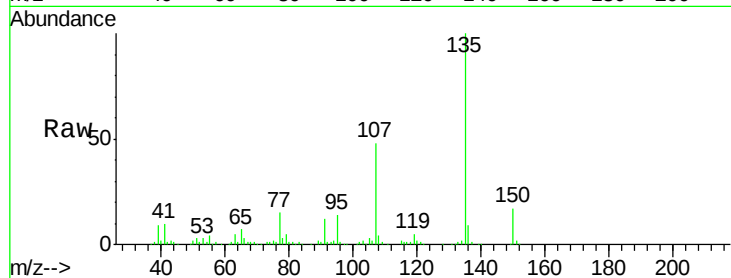




#33
 4-Chloro-3-methylphenol
 Concen: 6.72 ng/ul
 RT: 11.85 min Scan# 1489
 Delta R.T. 0.05 min
 Lab File: BM013084.D
 Acq: 22 Nov 2017 14:22

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
144	0.0	20.4	30.6#
142	0.0	60.5	90.7#



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

