

Data Path : Z:\HPCHEM1\BNA G\DATA\BG072017\
 Data File : BG028013.D
 Acq On : 21 Jul 2017 00:43
 Operator : SJ/JU
 Sample : I4209-12
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jul 21 04:00:48 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG071717.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jul 21 02:24:12 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.37	152	14082	20.00	ng/ul	0.00
18) Naphthalene-d8	11.19	136	57021	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.97	164	44851	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.72	188	134107	20.00	ng/ul	0.00
75) Chrysene-d12	22.05	240	164859	20.00	ng/ul	0.00
83) Perylene-d12	25.57	264	161763	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.86	96	5012	19.62	ng/uL	0.00
5) Phenol-d5	7.51	99	112787	97.45	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.68	67	65193	97.71	ng/ul	0.00
9) 2-Chlorophenol-d4	7.90	132	98202	108.01	ng/ul	0.00
13) 4-Methylphenol-d8	9.06	113	100360	104.77	ng/ul	0.00
19) Nitrobenzene-d5	9.54	128	47249	112.62	ng/ul	0.00
22) 2-Nitrophenol-d4	10.26	143	58739	116.38	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.80	165	117888	119.36	ng/ul	0.00
29) 4-Chloroaniline-d4	11.32	131	146630	164.23	ng/ul	0.00
43) Dimethylphthalate-d6	14.37	166	476493	122.55	ng/ul	0.00
46) Acenaphthylene-d8	14.67	160	500322	113.20	ng/ul	0.00
51) 4-Nitrophenol-d4	15.16	143	53783	95.52	ng/ul	0.00
57) Fluorene-d10	15.96	176	446361	121.78	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.07	200	60301	64.74	ng/ul	0.00
70) Anthracene-d10	17.82	188	773344	119.58	ng/ul	0.00
76) Pyrene-d10	20.09	212	918526	124.02	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.33	264	924950	122.42	ng/ul	0.01

Target Compounds

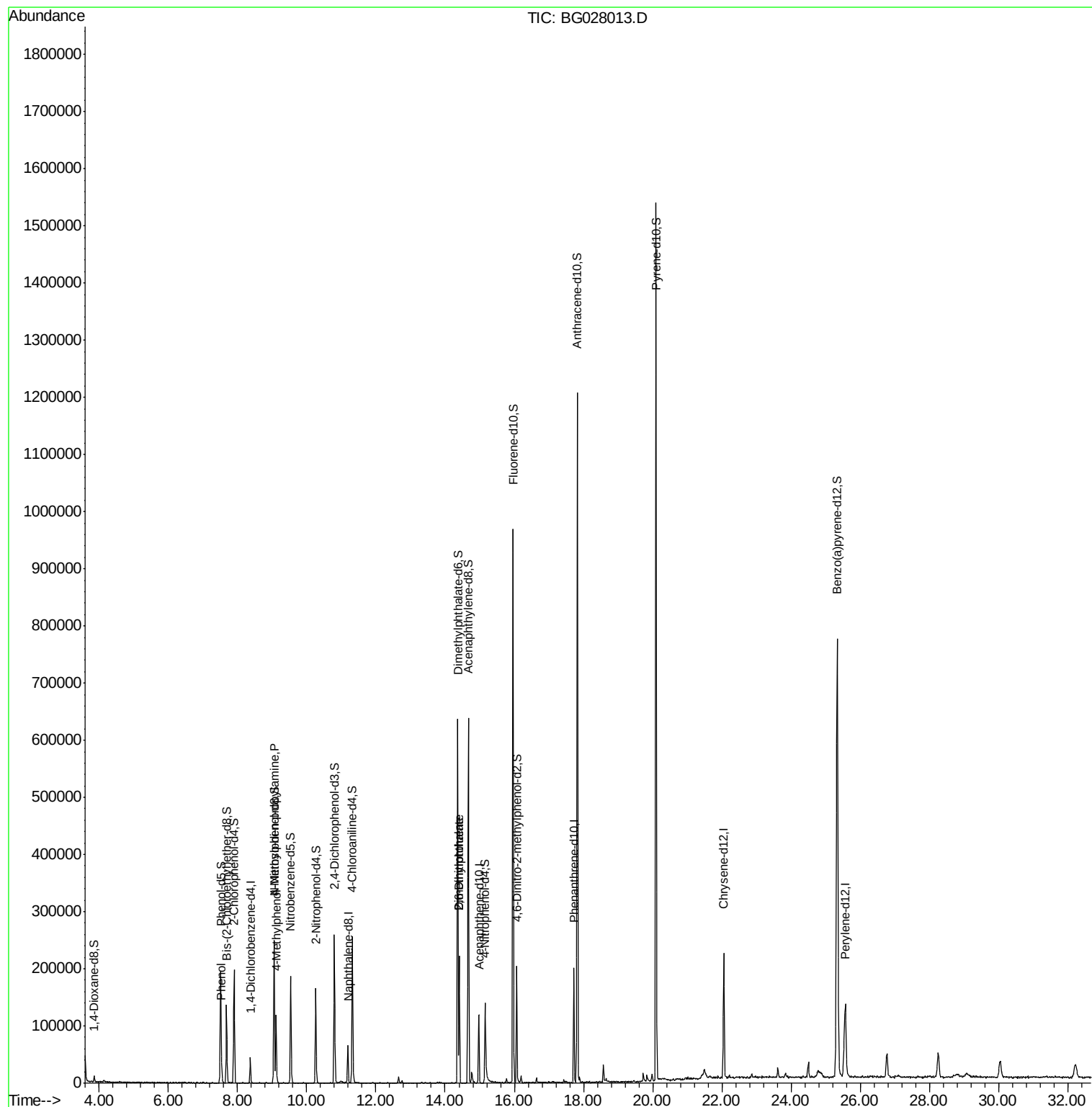
					Ovalue
6) Phenol	7.54	94	14966	13.327	ng/ul 90
15) N-Nitroso-di-n-propylamine	9.06	70	2465	3.560	ng/ul# 1
16) 4-Methylphenol	9.12	108	43627	48.277	ng/ul 90
44) Dimethylphthalate	14.41	163	160565	45.349	ng/ul 97
45) 2,6-Dinitrotoluene	14.41	165	2195	3.065	ng/ul# 57

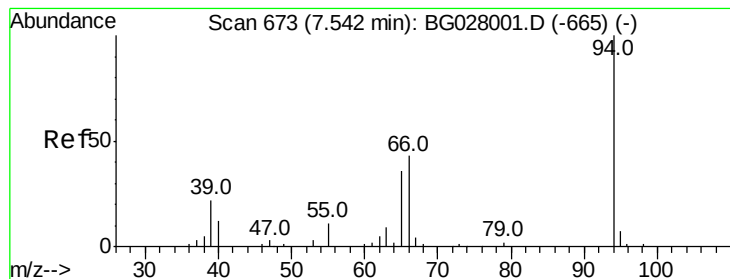
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 13.327 ng/ul

RT: 7.54 min Scan# 672

Delta R.T. -0.00 min

Lab File: BG028013.D

Acq: 21 Jul 2017 00:43

Instrument :

BNA_G

ClientSampled :

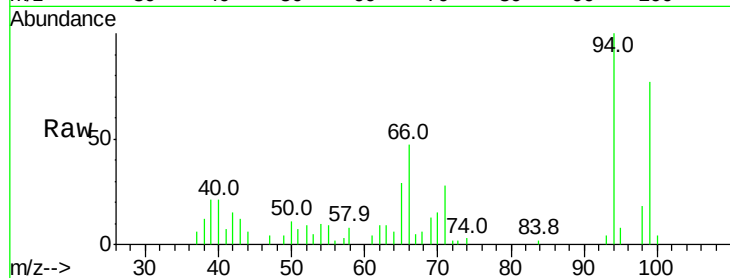
Tot Ion: 94 Resp: 14966

Ion Ratio Lower Upper

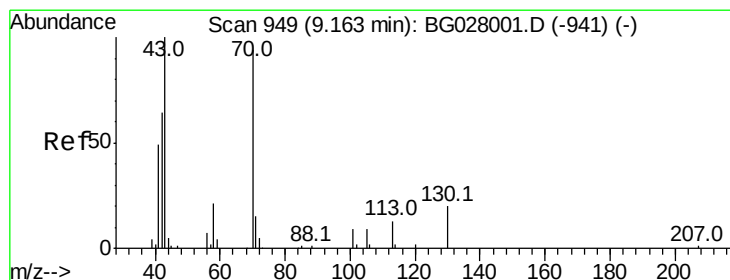
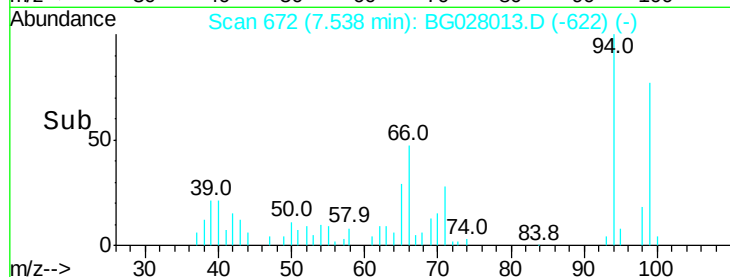
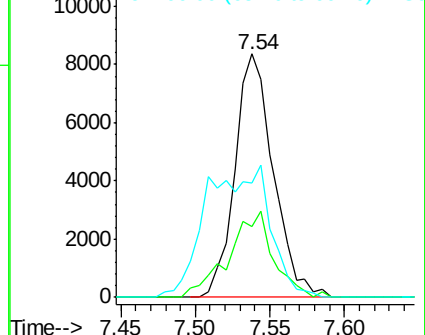
94 100

65 29.2 26.8 40.2

66 46.9 44.4 66.6



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



#15

N-Nitroso-di-n-propylamine

Concen: 3.560 ng/ul

RT: 9.06 min Scan# 931

Delta R.T. -0.10 min

Lab File: BG028013.D

Acq: 21 Jul 2017 00:43

Tgt Ion: 70 Resp: 2465

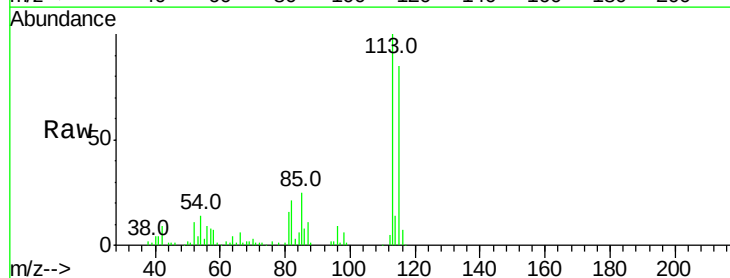
Ion Ratio Lower Upper

70 100

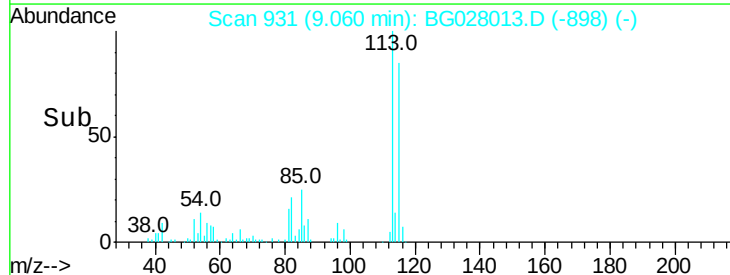
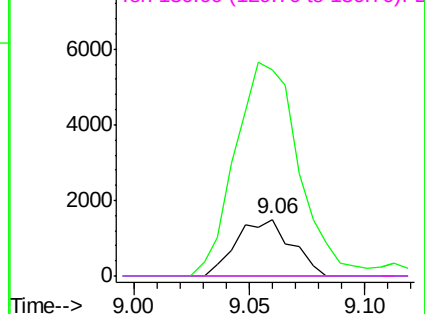
42 365.9 59.0 88.6#

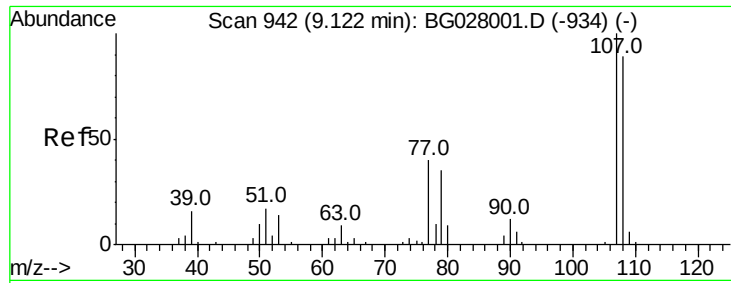
101 0.0 6.6 9.8#

130 0.0 15.6 23.4#



Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

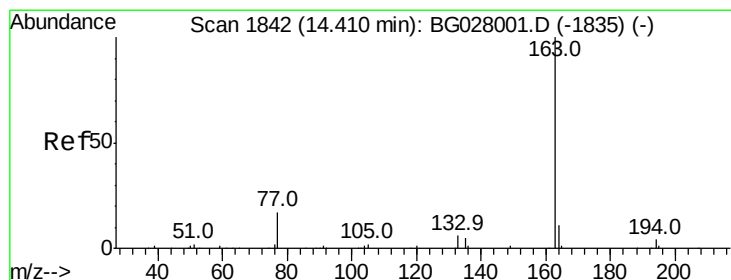
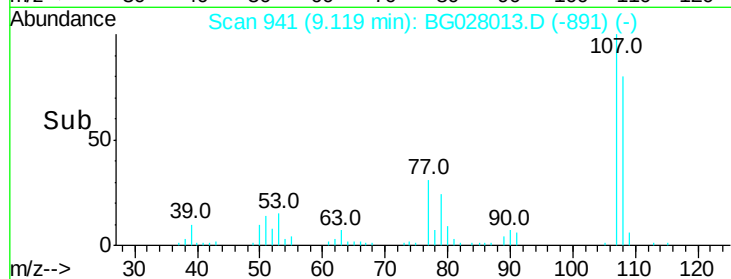
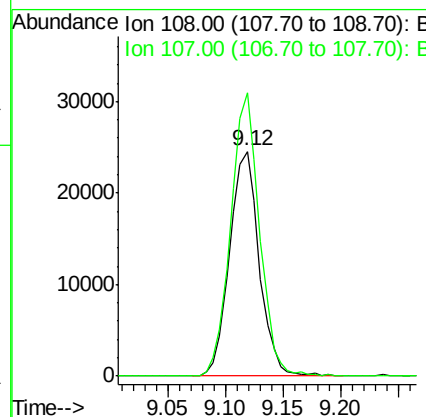
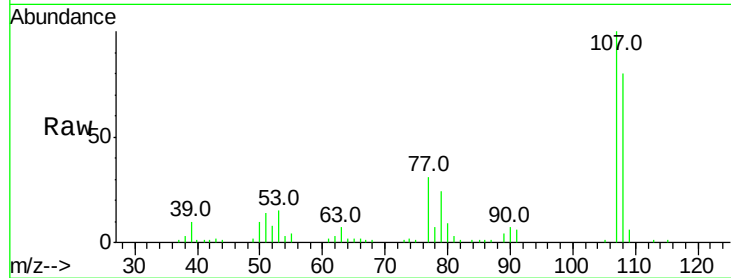




#16
4-Methylphenol
Concen: 48.277 ng/ul
RT: 9.12 min Scan# 941
Delta R.T. -0.00 min
Lab File: BG028013.D
Acq: 21 Jul 2017 00:43

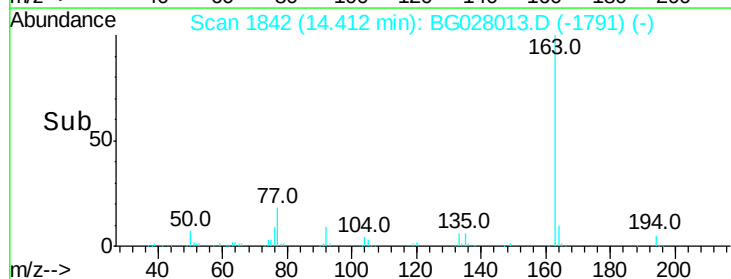
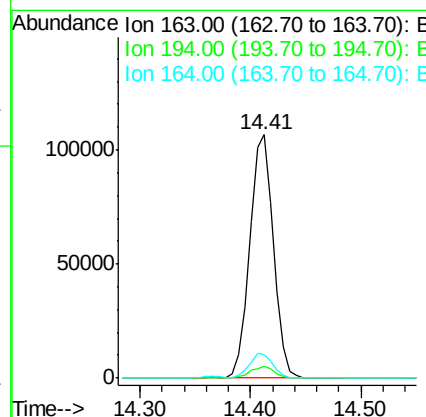
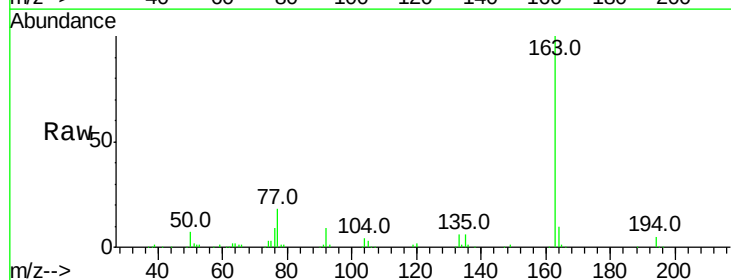
Instrument :
BNA_G
ClientSampleId :

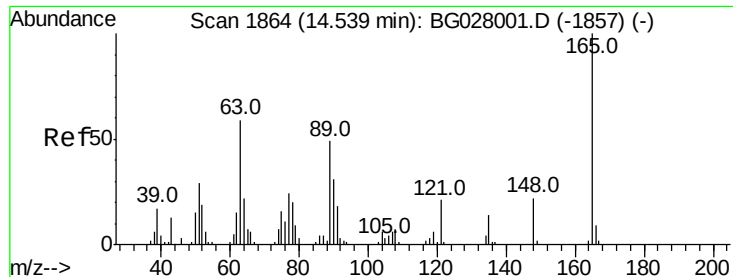
Tot Ion:108 Resp: 43627
Ion Ratio Lower Upper
108 100
107 125.8 91.7 137.5



#44
Dimethylphthalate
Concen: 45.349 ng/ul
RT: 14.41 min Scan# 1842
Delta R.T. 0.00 min
Lab File: BG028013.D
Acq: 21 Jul 2017 00:43

Tgt Ion:163 Resp: 160565
Ion Ratio Lower Upper
163 100
194 4.9 3.4 5.0
164 9.7 9.0 13.4

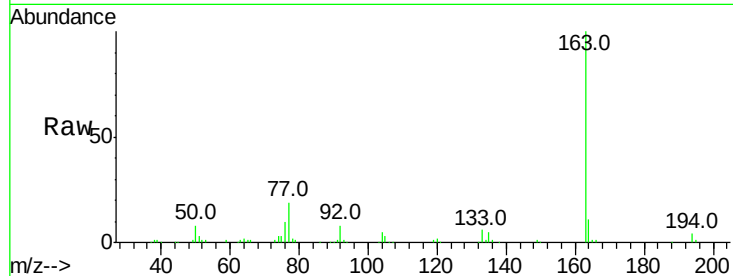




#45
 2,6-Dinitrotoluene
 Concen: 3.065 ng/ul
 RT: 14.41 min Scan# 1841
 Delta R.T. -0.13 min
 Lab File: BG028013.D
 Acq: 21 Jul 2017 00:43

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
89	20.2	52.9	79.3#
121	22.9	22.2	33.4



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

