

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG022817\
 Data File : BG026020.D
 Acq On : 1 Mar 2017 11:30
 Operator : SJ/MA
 Sample : I2012-09
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P-12

Quant Time: Mar 01 12:23:14 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG021717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 28 15:36:56 2017
 Response via : Initial Calibration

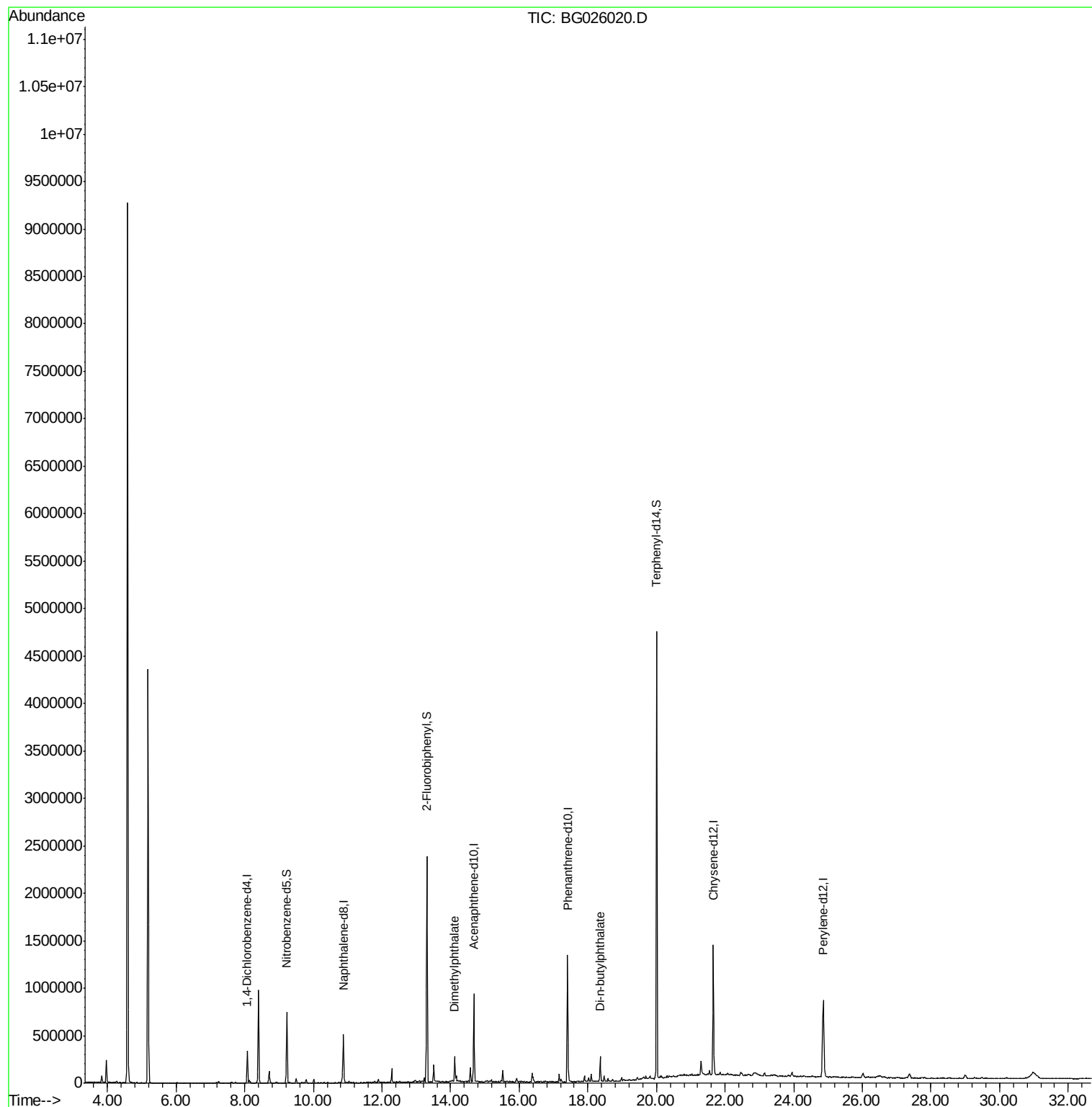
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	104641	20.00	ng	-0.01
21) Naphthalene-d8	10.88	136	473909	20.00	ng	-0.01
38) Acenaphthene-d10	14.68	164	326931	20.00	ng	-0.01
63) Phenanthrene-d10	17.41	188	847307	20.00	ng	-0.01
75) Chrysene-d12	21.65	240	881023	20.00	ng	-0.02
86) Perylene-d12	24.86	264	862949	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	105	0.02	ng	-0.01
7) Phenol-d6	7.23	99	12155	1.37	ng	0.00
23) Nitrobenzene-d5	9.23	82	459694	61.21	ng	-0.02
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
44) 2-Fluorobiphenyl	13.31	172	1335487	71.38	ng	-0.01
78) Terphenyl-d14	20.00	244	2015528	55.64	ng	-0.02
Target Compounds						
49) Dimethylphthalate	14.12	163	179096	7.98	ng	Qvalue 97
73) Di-n-butylphthalate	18.36	149	210750	4.56	ng	# 91

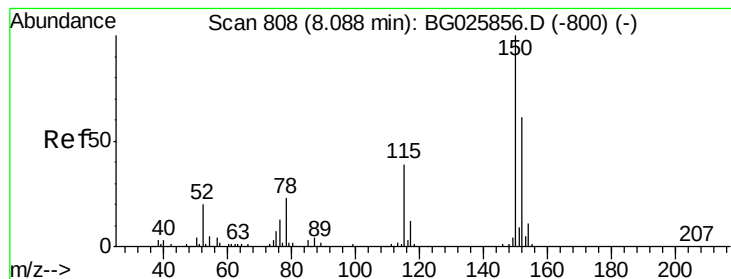
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.08 min Scan# 806

Delta R.T. -0.01 min

Lab File: BG026020.D

Acq: 1 Mar 2017 11:30

Instrument :

BNA_G

ClientSampled :

P-12

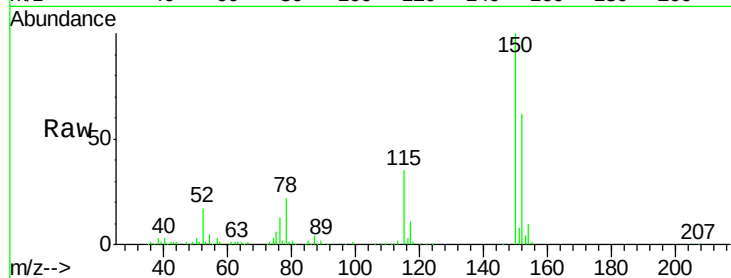
Tgt Ion:152 Resp: 104641

Ion Ratio Lower Upper

152 100

150 162.3 114.0 171.0

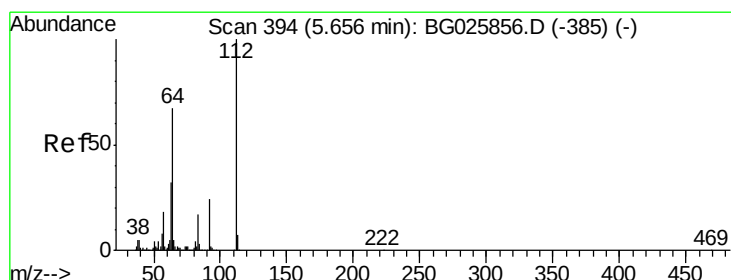
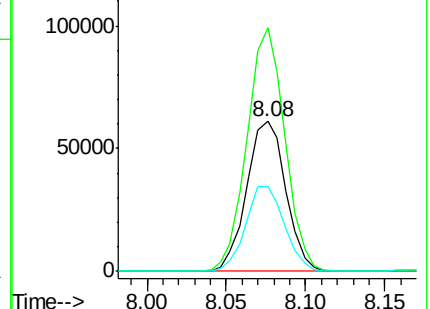
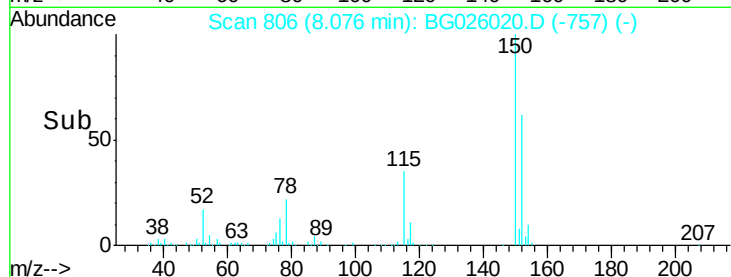
115 56.3 48.1 72.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol

Concen: 0.02 ng

RT: 5.64 min Scan# 392

Delta R.T. -0.01 min

Lab File: BG026020.D

Acq: 1 Mar 2017 11:30

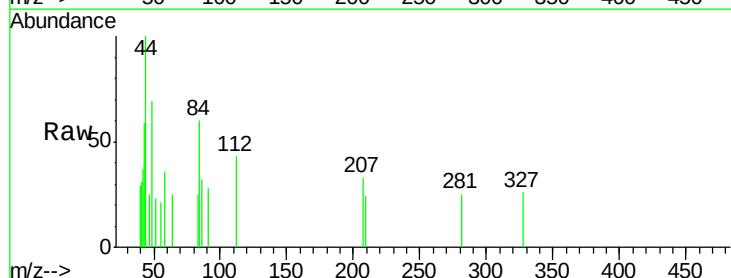
Tgt Ion:112 Resp: 105

Ion Ratio Lower Upper

112 100

64 58.4 61.8 92.6#

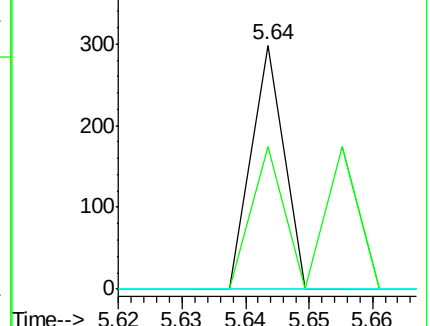
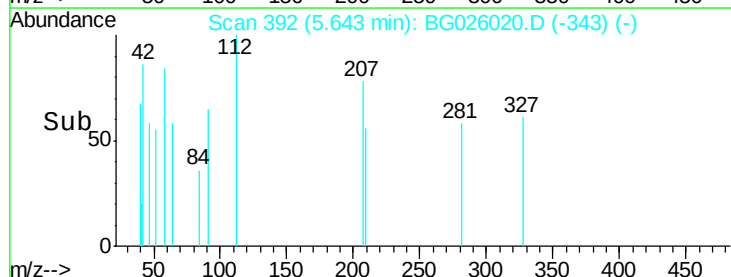
63 0.0 37.2 55.8#

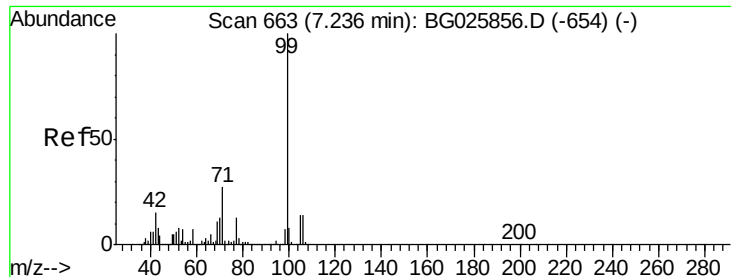


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 1.37 ng

RT: 7.23 min Scan# 662

Delta R.T. -0.01 min

Lab File: BG026020.D

Acq: 1 Mar 2017 11:30

Instrument :

BNA_G

ClientSampled :

P-12

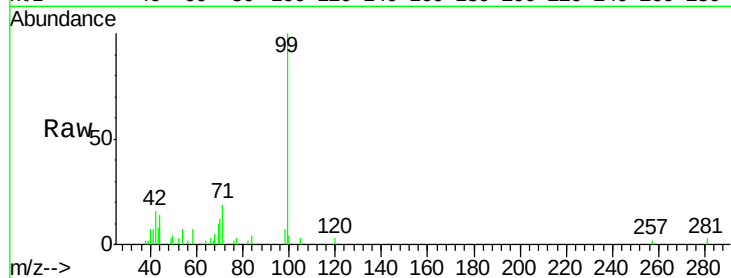
Tgt Ion: 99 Resp: 12155

Ion Ratio Lower Upper

99 100

42 15.8 20.5 30.7#

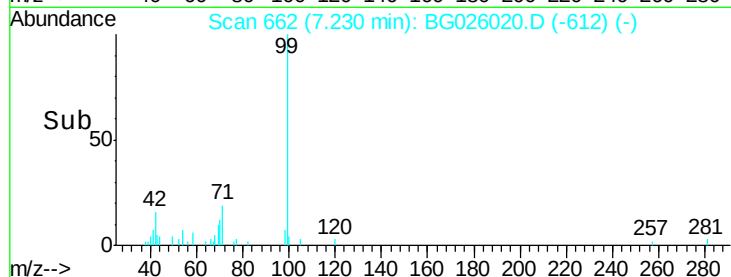
71 19.0 37.6 56.4#



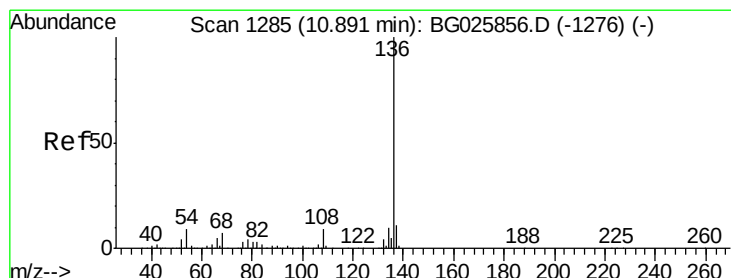
Abundance Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC



Time-->



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.88 min Scan# 1283

Delta R.T. -0.01 min

Lab File: BG026020.D

Acq: 1 Mar 2017 11:30

Tgt Ion: 136 Resp: 473909

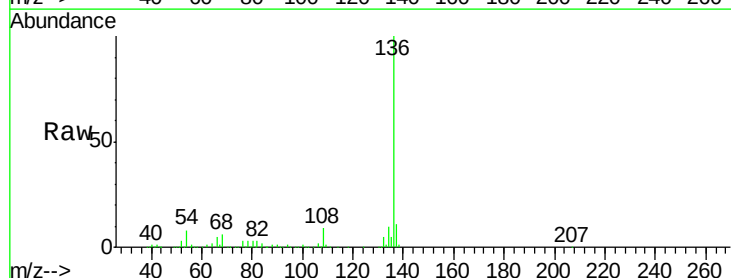
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 7.7 9.3 13.9#

68 6.4 5.1 7.7

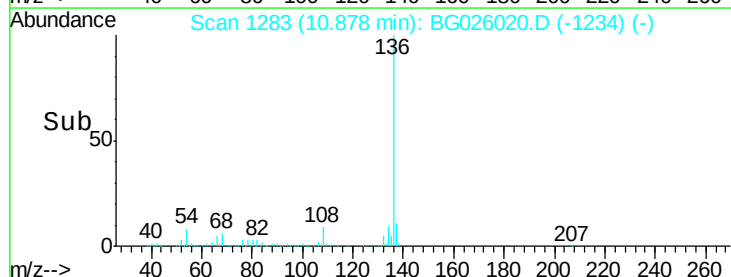
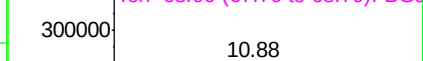


Abundance Ion 136.00 (135.70 to 136.70): BGC

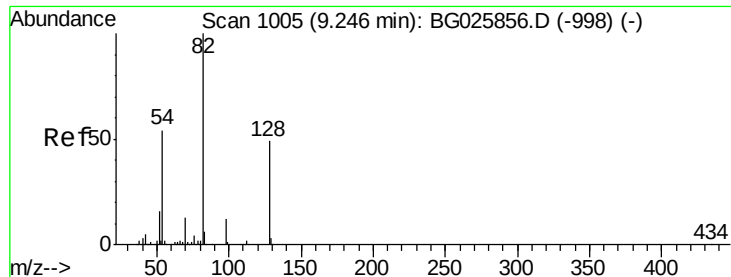
Ion 137.00 (136.70 to 137.70): BGC

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



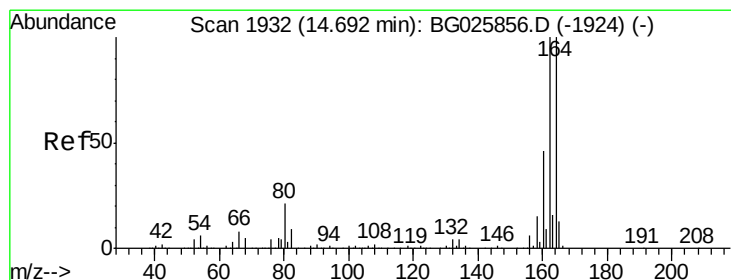
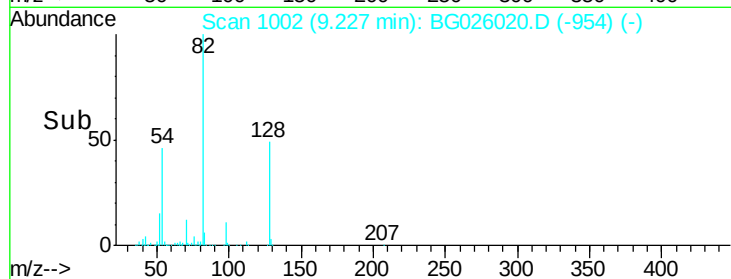
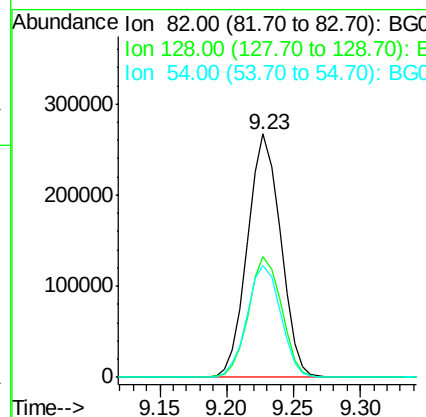
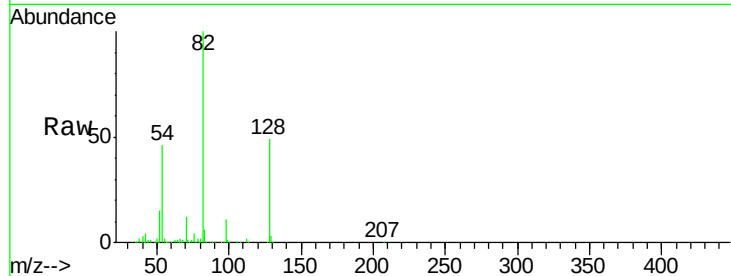
Time-->



#23
 Nitrobenzene-d5
 Concen: 61.21 ng
 RT: 9.23 min Scan# 1002
 Delta R.T. -0.02 min
 Lab File: BG026020.D
 Acq: 1 Mar 2017 11:30

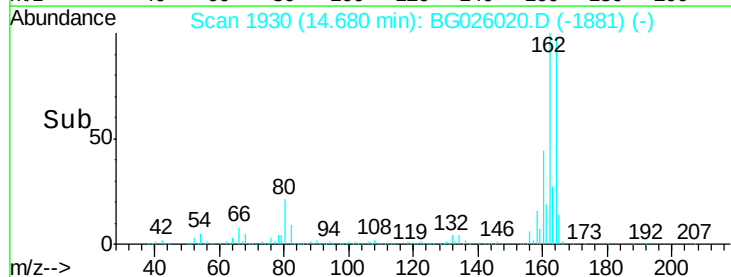
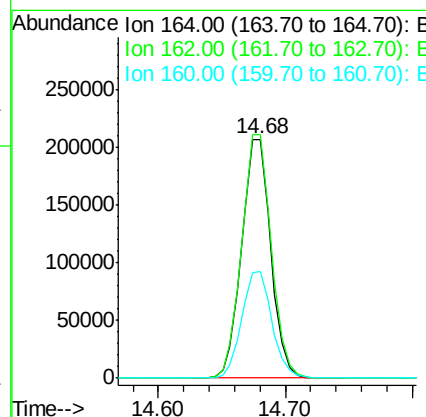
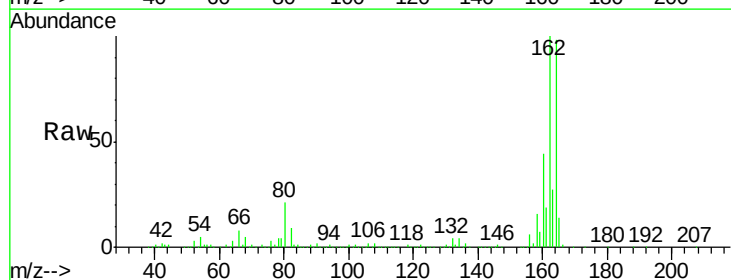
Instrument :
 BNA_G
 ClientSampleId :
 P-12

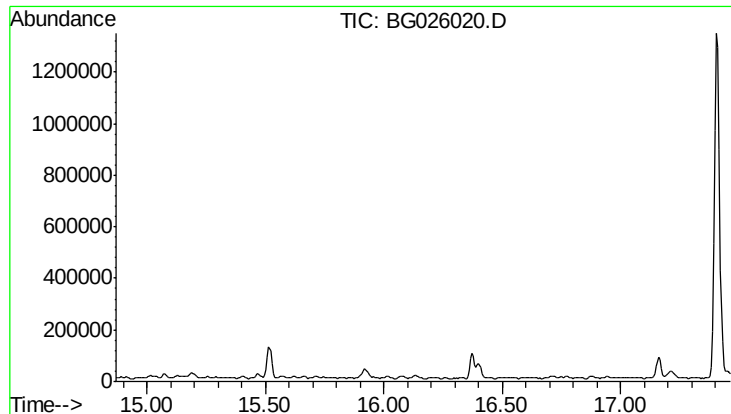
Tgt Ion: 82 Resp: 459694
 Ion Ratio Lower Upper
 82 100
 128 49.5 26.4 39.6#
 54 46.1 49.4 74.2#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.68 min Scan# 1930
 Delta R.T. -0.01 min
 Lab File: BG026020.D
 Acq: 1 Mar 2017 11:30

Tgt Ion: 164 Resp: 326931
 Ion Ratio Lower Upper
 164 100
 162 102.1 85.1 127.7
 160 44.9 34.7 52.1

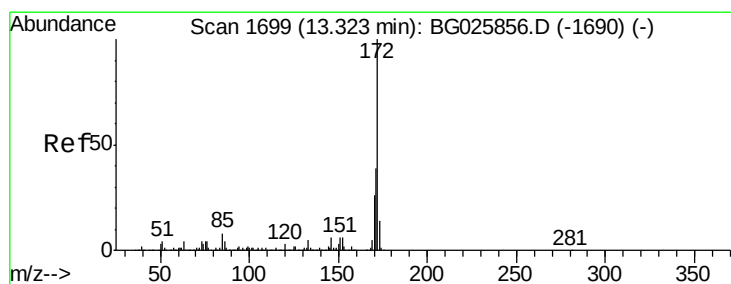
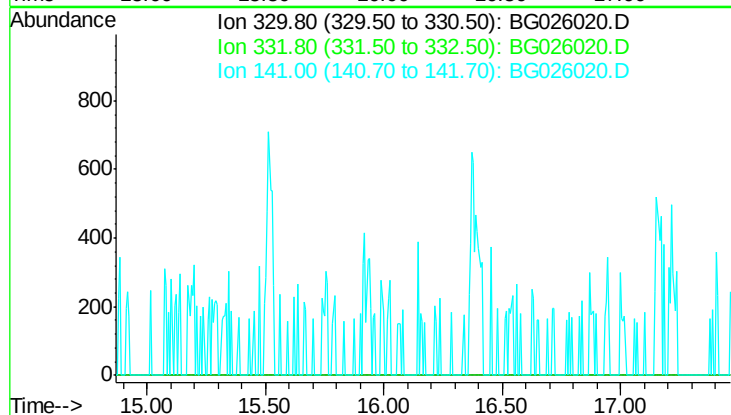




#41
 2,4,6-Tribromophenol
 Concen: 0.00 ng
 Expected RT: 16.17 min
 Lab File: BG026020.D
 Acq: 1 Mar 2017 11:30

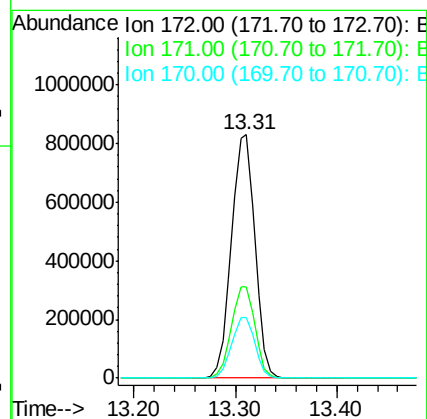
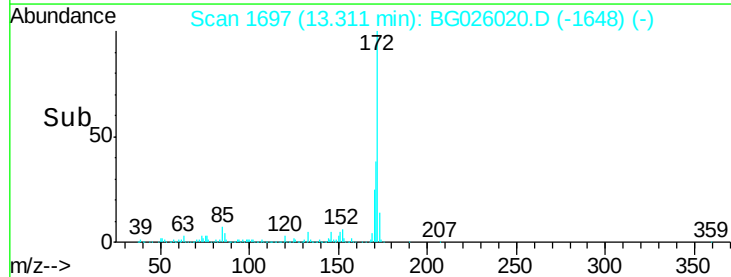
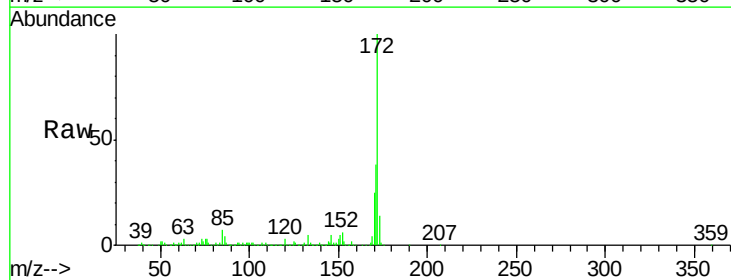
Instrument :
 BNA_G
 ClientSampleId :
 P-12

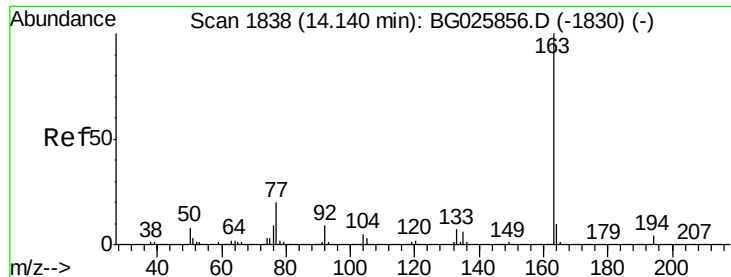
Tgt Ion: 330
 Sig Exp Ratio
 330 100
 332 96.6
 141 40.1



#44
 2-Fluorobiphenyl
 Concen: 71.38 ng
 RT: 13.31 min Scan# 1697
 Delta R.T. -0.01 min
 Lab File: BG026020.D
 Acq: 1 Mar 2017 11:30

Tgt Ion: 172 Resp: 1335487
 Ion Ratio Lower Upper
 172 100
 171 37.6 32.2 48.2
 170 25.0 21.8 32.6





#49

Dimethylphthalate

Concen: 7.98 ng

RT: 14.12 min Scan# 1835

Delta R.T. -0.02 min

Lab File: BG026020.D

Acq: 1 Mar 2017 11:30

Instrument :

BNA_G

ClientSampleId :

P-12

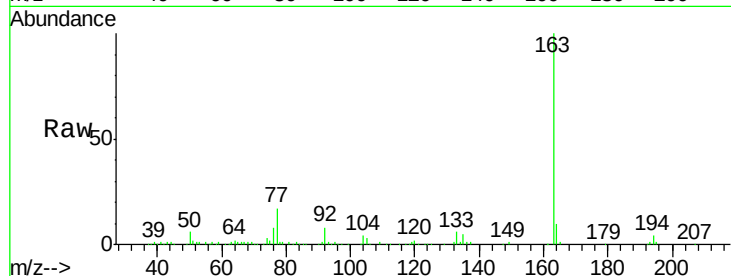
Tgt Ion:163 Resp: 179096

Ion Ratio Lower Upper

163 100

194 4.4 3.8 5.6

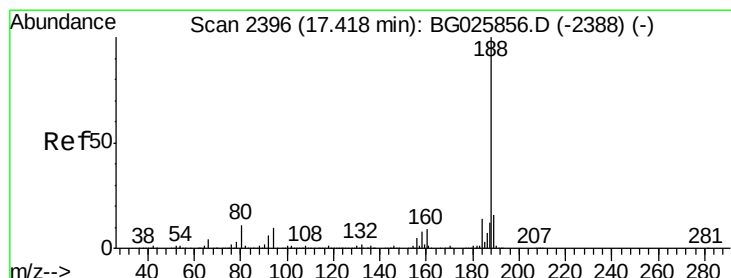
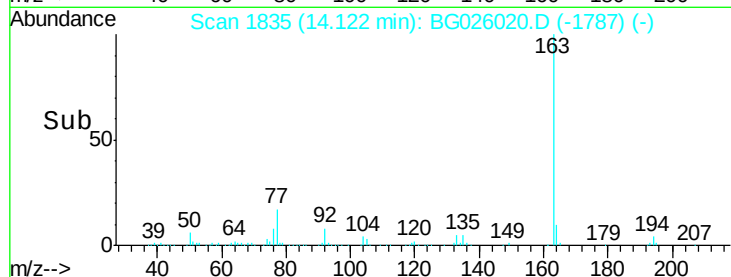
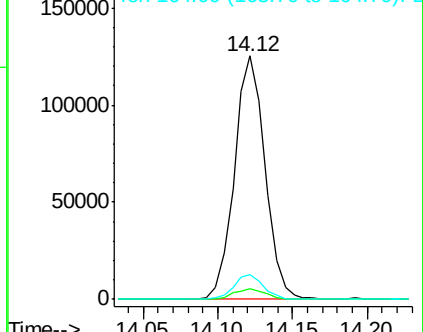
164 10.3 9.3 13.9



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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.41 min Scan# 2394

Delta R.T. -0.01 min

Lab File: BG026020.D

Acq: 1 Mar 2017 11:30

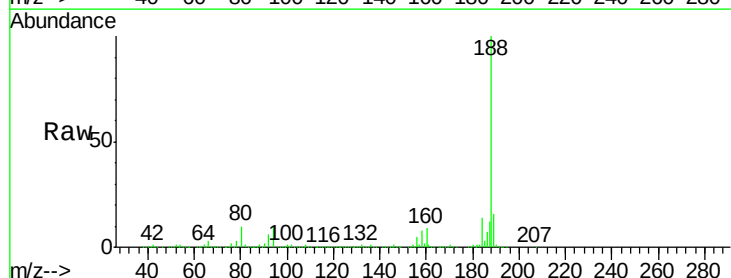
Tgt Ion:188 Resp: 847307

Ion Ratio Lower Upper

188 100

94 9.9 5.8 8.8#

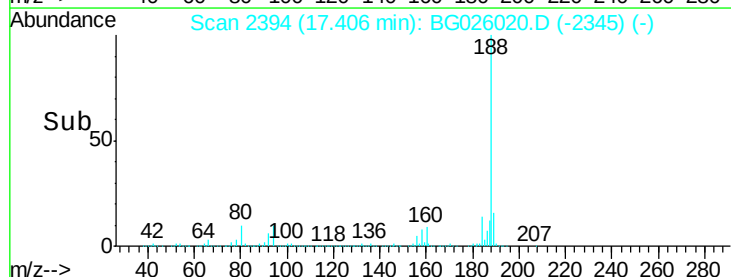
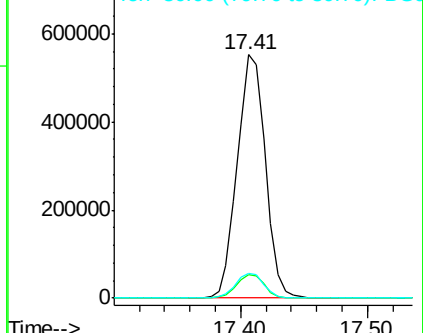
80 10.4 7.5 11.3

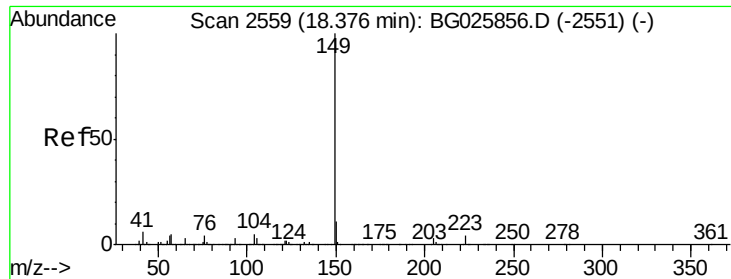


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG0

Ion 80.00 (79.70 to 80.70): BG0





#73

Di-n-butylphthalate

Concen: 4.56 ng

RT: 18.36 min Scan# 2556

Delta R.T. -0.02 min

Lab File: BG026020.D

Acq: 1 Mar 2017 11:30

Instrument :

BNA_G

ClientSampleId :

P-12

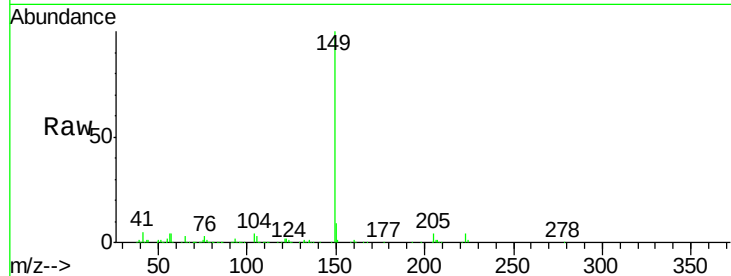
Tgt Ion:149 Resp: 210750

Ion Ratio Lower Upper

149 100

150 8.9 9.1 13.7#

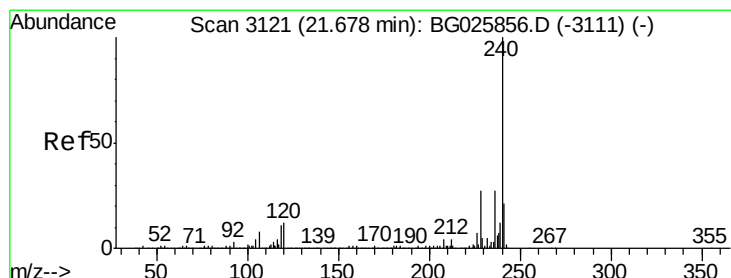
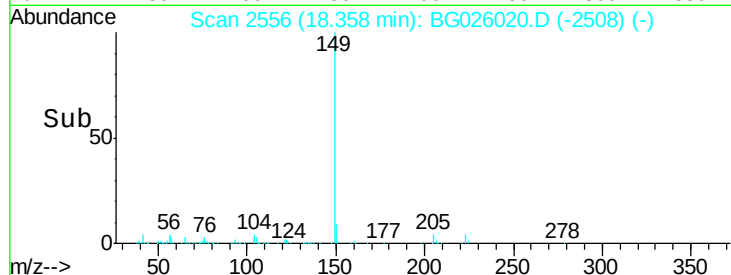
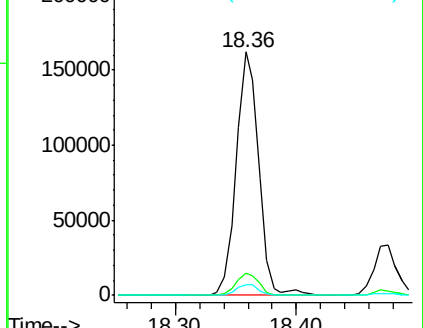
104 4.2 6.7 10.1#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.65 min Scan# 3117

Delta R.T. -0.02 min

Lab File: BG026020.D

Acq: 1 Mar 2017 11:30

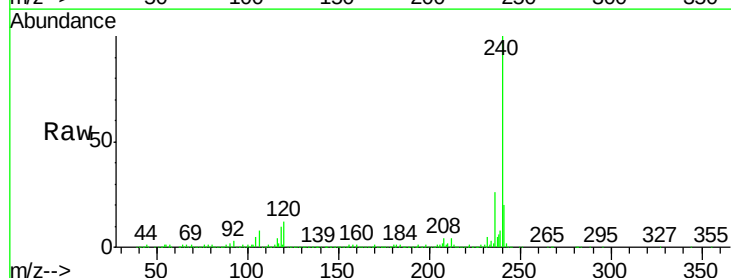
Tgt Ion:240 Resp: 881023

Ion Ratio Lower Upper

240 100

120 12.1 5.7 8.5#

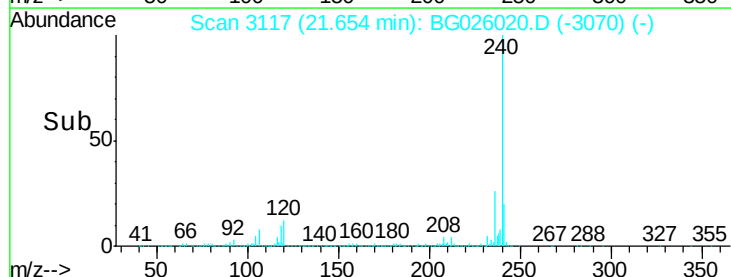
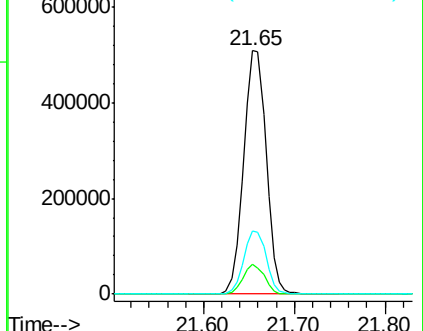
236 25.7 22.2 33.4

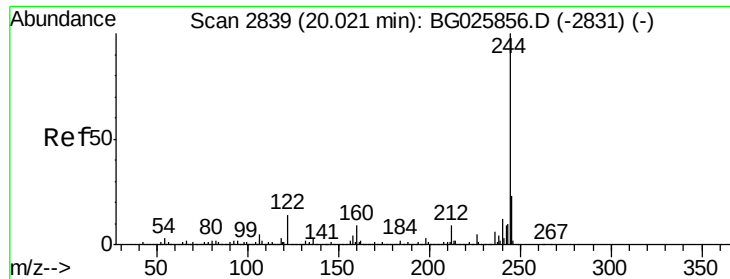


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 55.64 ng

RT: 20.00 min Scan# 2836

Delta R.T. -0.02 min

Lab File: BG026020.D

Acq: 1 Mar 2017 11:30

Instrument :

BNA_G

ClientSampleId :

P-12

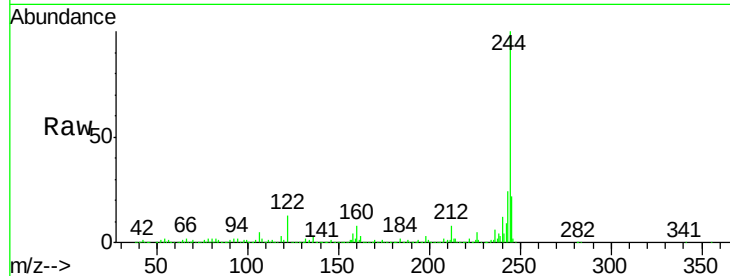
Tgt Ion:244 Resp: 2015528

Ion Ratio Lower Upper

244 100

212 8.3 10.0 15.0#

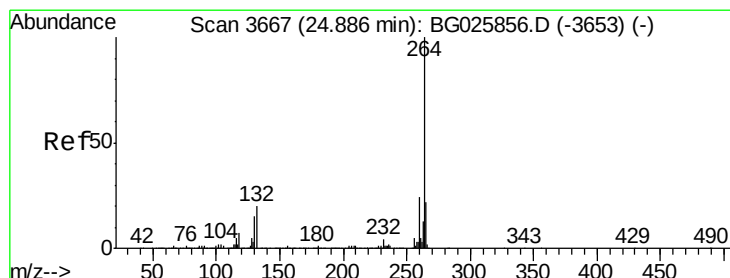
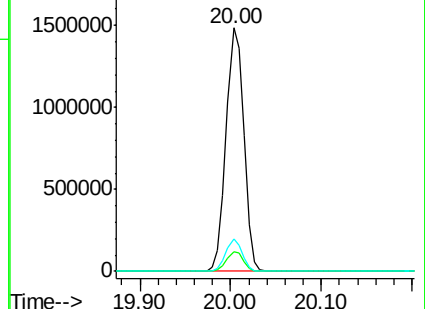
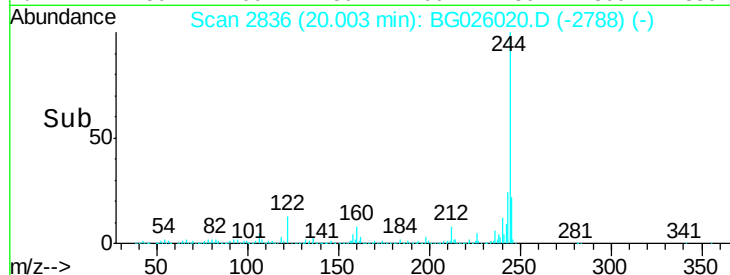
122 13.3 8.6 12.8#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 24.86 min Scan# 3663

Delta R.T. -0.02 min

Lab File: BG026020.D

Acq: 1 Mar 2017 11:30

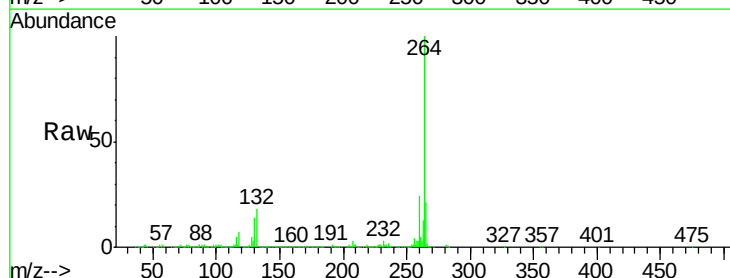
Tgt Ion:264 Resp: 862949

Ion Ratio Lower Upper

264 100

260 23.6 21.8 32.8

265 21.1 18.2 27.4



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

