

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060515\
 Data File : BG017492.D
 Acq On : 6 Jun 2015 4:25
 Operator : TP/IZ
 Sample : G2504-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-1

Quant Time: Jun 06 06:47:36 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jun 06 06:36:17 2015
 Response via : Initial Calibration

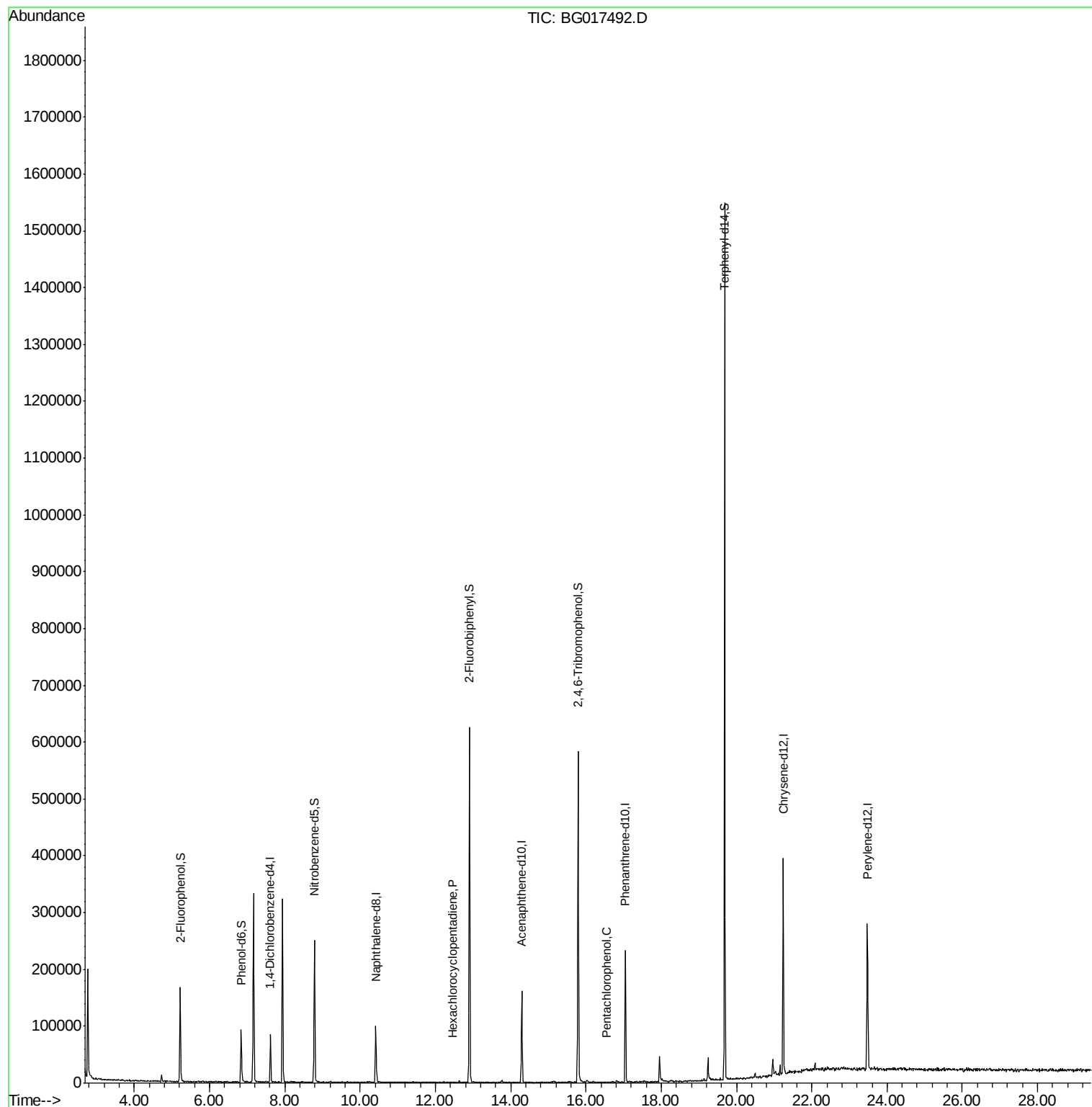
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	19690	20.00	ng	0.00
21) Naphthalene-d8	10.42	136	76584	20.00	ng	0.00
38) Acenaphthene-d10	14.29	164	50692	20.00	ng	0.00
63) Phenanthrene-d10	17.05	188	124934	20.00	ng	0.00
75) Chrysene-d12	21.24	240	171937	20.00	ng	0.00
86) Perylene-d12	23.48	264	172272	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	57985	51.88	ng	0.00
7) Phenol-d6	6.84	99	42920	28.19	ng	0.00
23) Nitrobenzene-d5	8.79	82	130669	85.17	ng	0.00
41) 2,4,6-Tribromophenol	15.80	330	86068	122.24	ng	0.00
44) 2-Fluorobiphenyl	12.91	172	276651	82.33	ng	0.00
78) Terphenyl-d14	19.69	244	566493	68.10	ng	0.00
Target Compounds						
40) Hexachlorocyclopentadiene	12.47	237	65	6.88	ng	# 27
69) Pentachlorophenol	16.54	266	61	5.56	ng	# 22

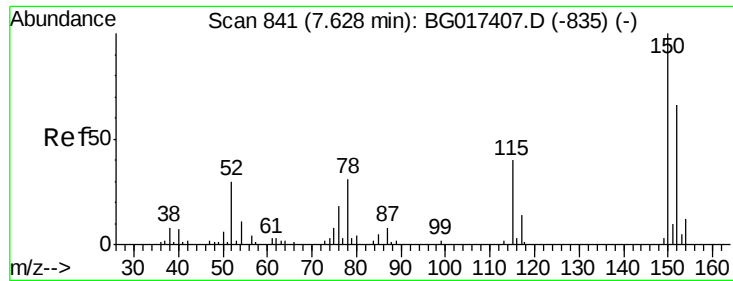
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060515\
Data File : BG017492.D
Acq On : 6 Jun 2015 4:25
Operator : TP/IZ
Sample : G2504-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-1

Quant Time: Jun 06 06:47:36 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 06 06:36:17 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.62 min Scan# 839

Delta R.T. -0.00 min

Lab File: BG017492.D

Acq: 6 Jun 2015 4:25

Instrument :

BNA_G

ClientSampleId :

MW-1

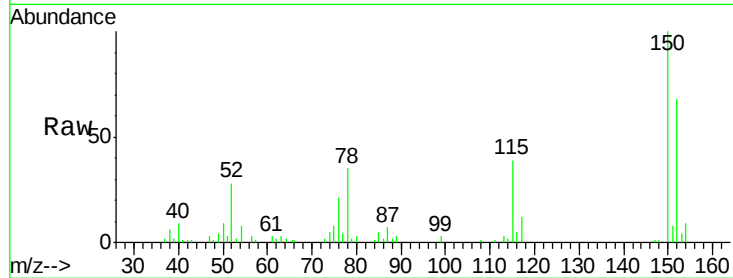
Tgt Ion:152 Resp: 19690

Ion Ratio Lower Upper

152 100

150 146.6 121.7 182.5

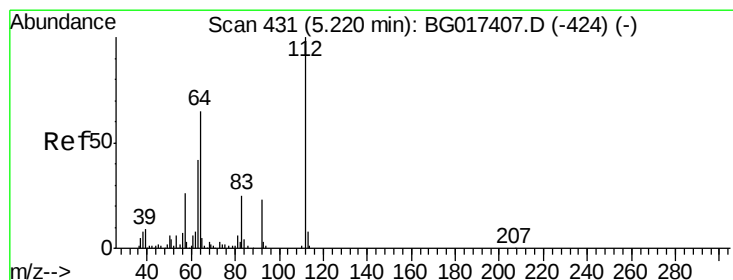
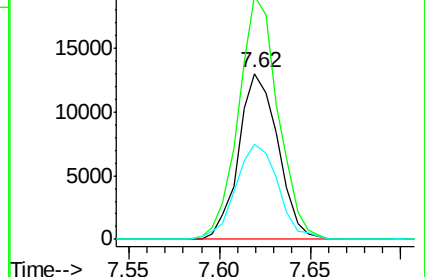
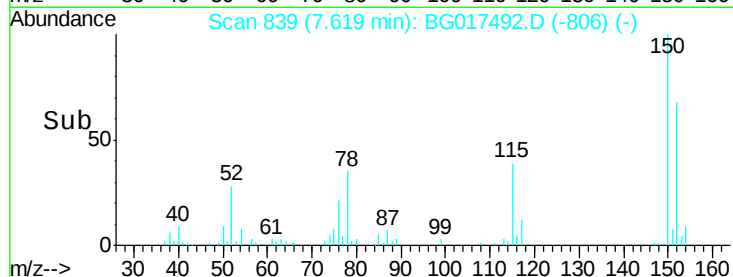
115 57.2 48.6 73.0



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: 51.88 ng

RT: 5.22 min Scan# 431

Delta R.T. 0.00 min

Lab File: BG017492.D

Acq: 6 Jun 2015 4:25

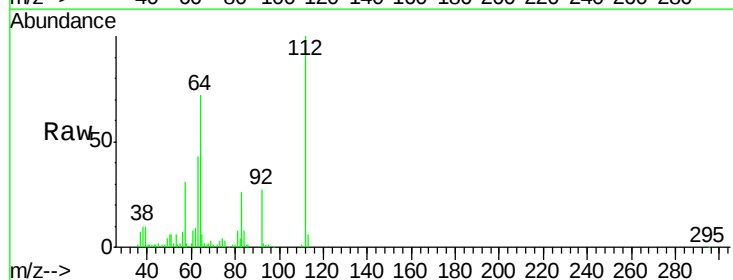
Tgt Ion:112 Resp: 57985

Ion Ratio Lower Upper

112 100

64 71.8 51.6 77.4

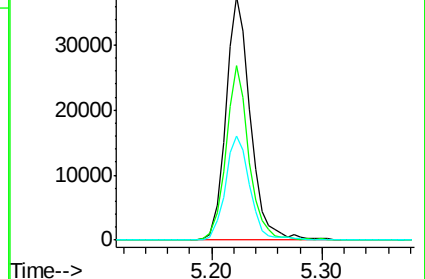
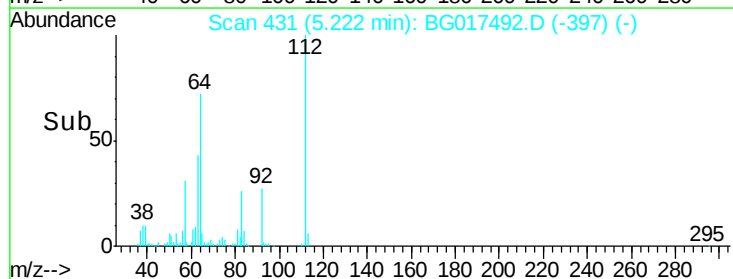
63 42.7 33.3 49.9



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: 28.19 ng

RT: 6.84 min Scan# 707

Delta R.T. 0.01 min

Lab File: BG017492.D

Acq: 6 Jun 2015 4:25

Instrument :

BNA_G

ClientSampleId :

MW-1

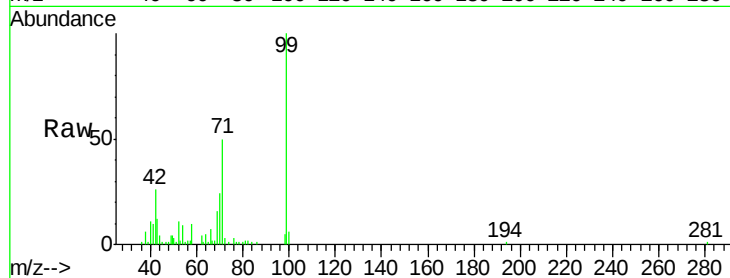
Tgt Ion: 99 Resp: 42920

Ion Ratio Lower Upper

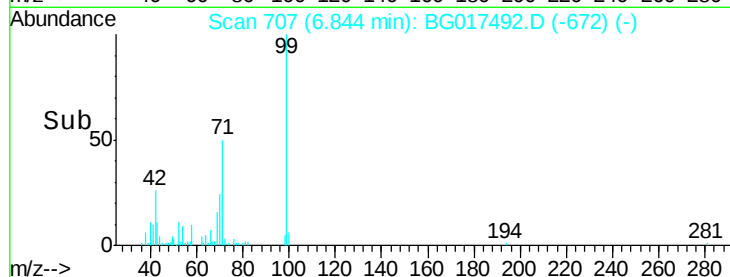
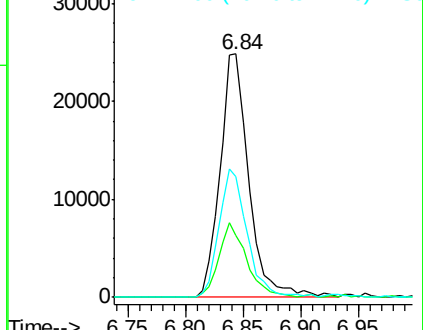
99 100

42 25.5 21.0 31.6

71 49.7 37.2 55.8



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.42 min Scan# 1316

Delta R.T. 0.01 min

Lab File: BG017492.D

Acq: 6 Jun 2015 4:25

Tgt Ion: 136 Resp: 76584

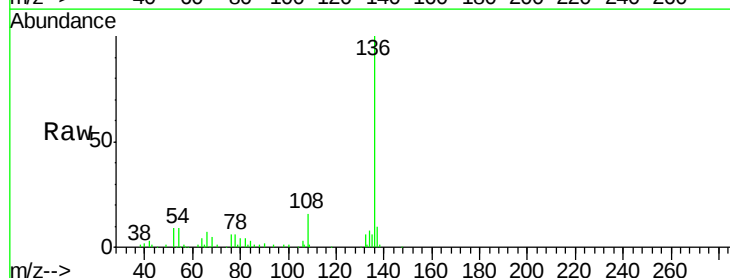
Ion Ratio Lower Upper

136 100

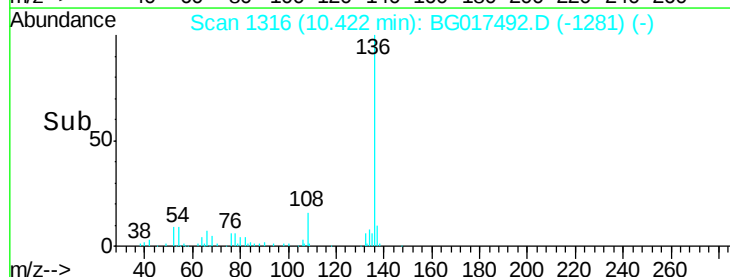
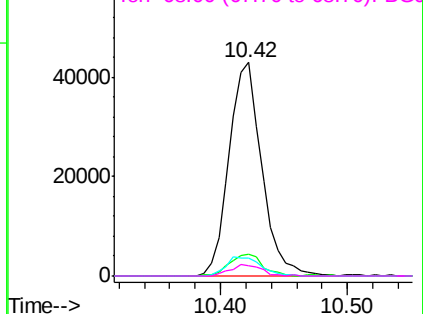
137 10.1 7.9 11.9

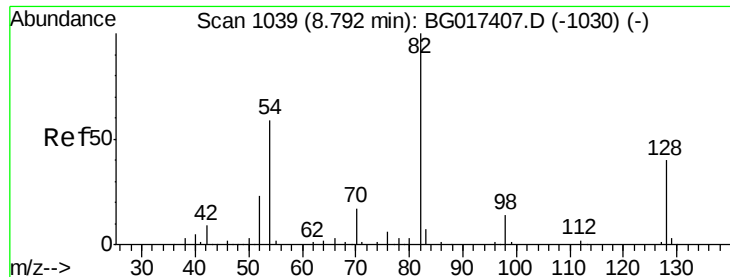
54 8.6 7.2 10.8

68 4.9 4.5 6.7



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





#23

Nitrobenzene-d5

Concen: 85.17 ng

RT: 8.79 min Scan# 1038

Delta R.T. 0.00 min

Lab File: BG017492.D

Acq: 6 Jun 2015 4:25

Instrument :

BNA_G

ClientSampled :

MW-1

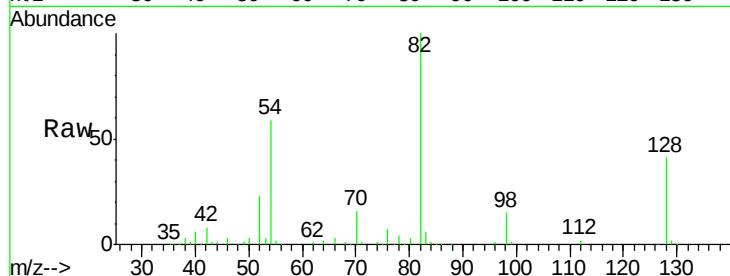
Tgt Ion: 82 Resp: 130669

Ion Ratio Lower Upper

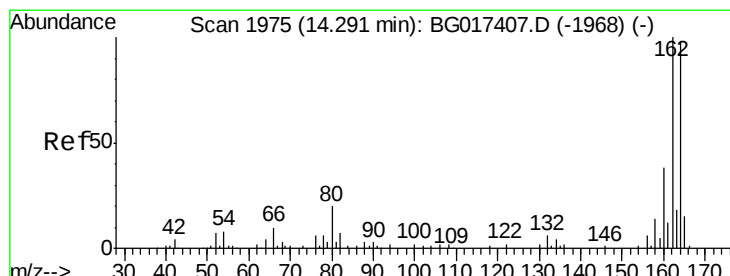
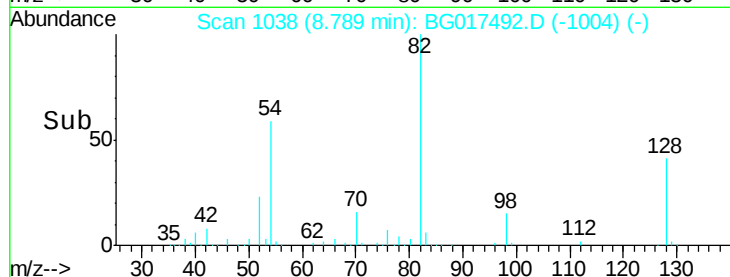
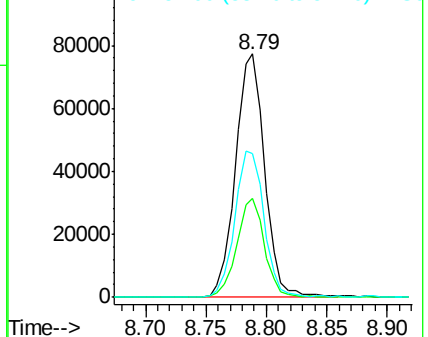
82 100

128 40.9 32.2 48.4

54 59.2 47.4 71.2



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.29 min Scan# 1975

Delta R.T. 0.00 min

Lab File: BG017492.D

Acq: 6 Jun 2015 4:25

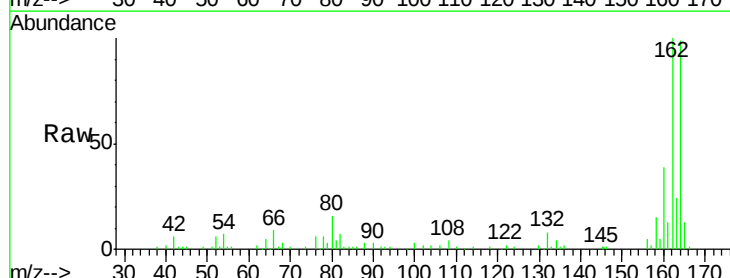
Tgt Ion: 164 Resp: 50692

Ion Ratio Lower Upper

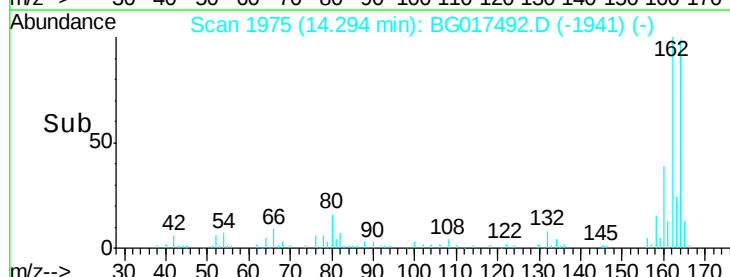
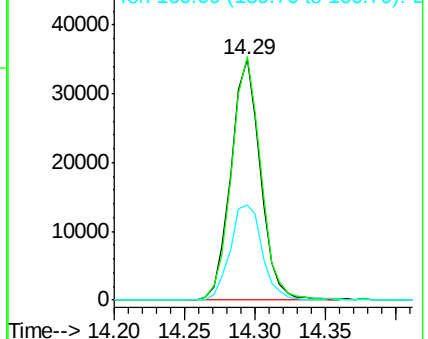
164 100

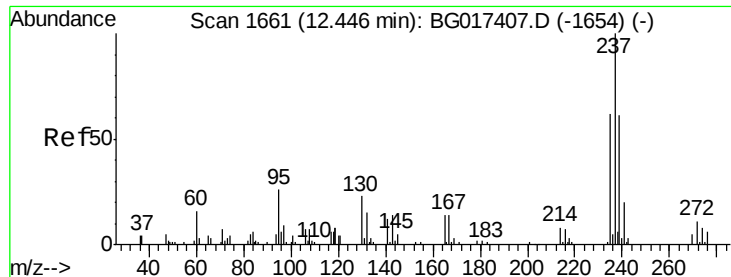
162 101.1 81.8 122.6

160 39.5 31.0 46.4



Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC

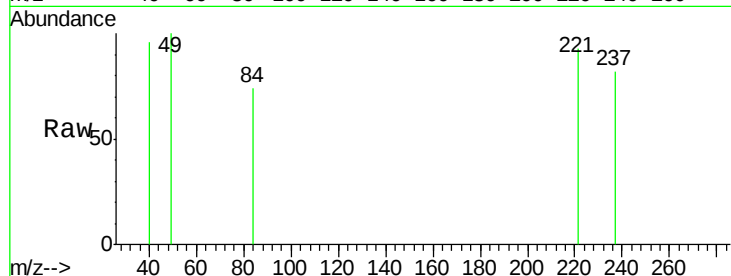




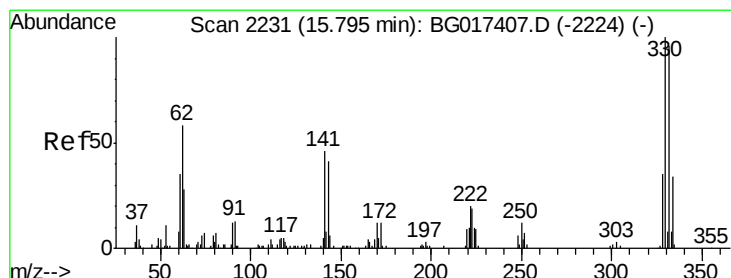
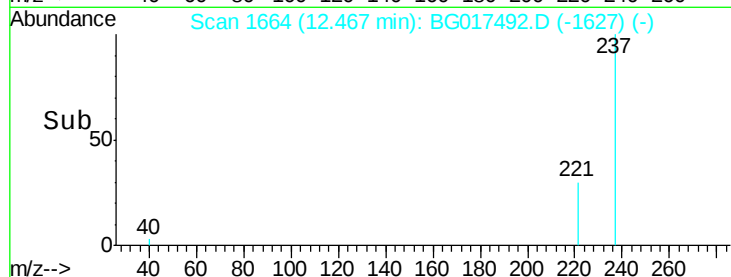
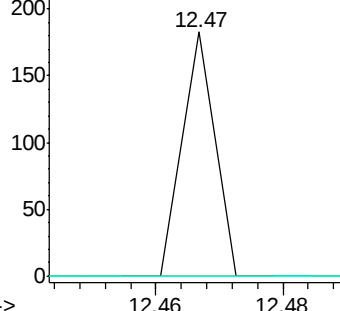
#40
Hexachlorocyclopentadiene
Concen: 6.88 ng
RT: 12.47 min Scan# 1664
Delta R.T. 0.02 min
Lab File: BG017492.D
Acq: 6 Jun 2015 4:25

Instrument :
BNA_G
ClientSampleId :
MW-1

Tgt Ion:237 Resp: 65
Ion Ratio Lower Upper
237 100
235 0.0 42.3 82.3#
272 0.0 0.0 31.2

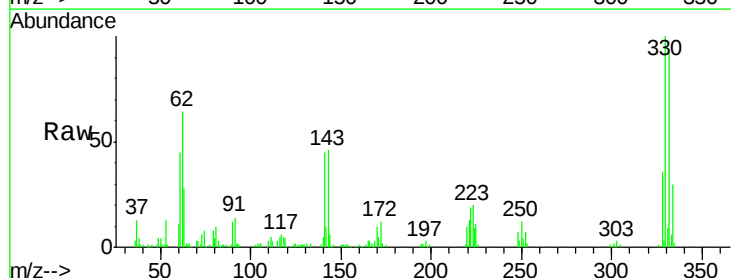


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

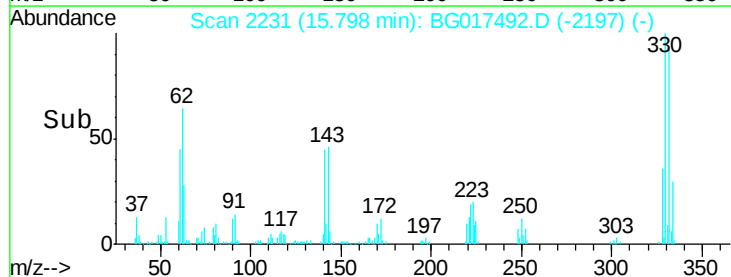
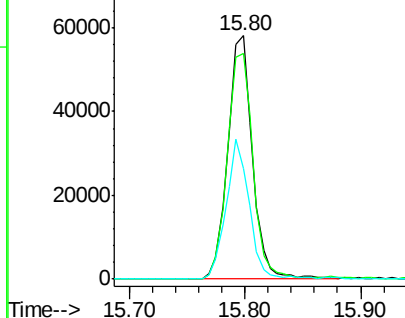


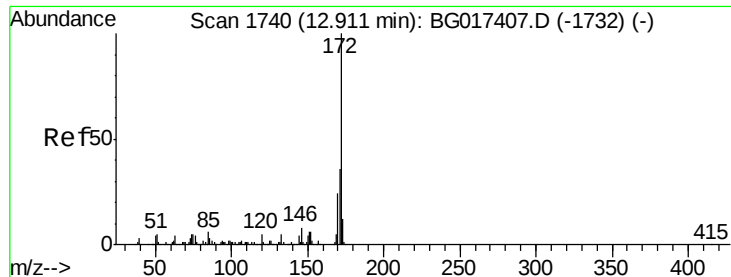
#41
2,4,6-Tribromophenol
Concen: 122.24 ng
RT: 15.80 min Scan# 2231
Delta R.T. 0.00 min
Lab File: BG017492.D
Acq: 6 Jun 2015 4:25

Tgt Ion:330 Resp: 86068
Ion Ratio Lower Upper
330 100
332 96.6 75.9 113.9
141 53.4 40.2 60.4



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 82.33 ng

RT: 12.91 min Scan# 1739

Delta R.T. -0.00 min

Lab File: BG017492.D

Acq: 6 Jun 2015 4:25

Instrument :

BNA_G

ClientSampled :

MW-1

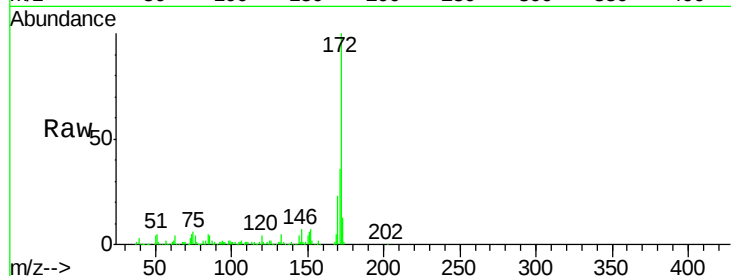
Tgt Ion:172 Resp: 276651

Ion Ratio Lower Upper

172 100

171 36.1 29.0 43.6

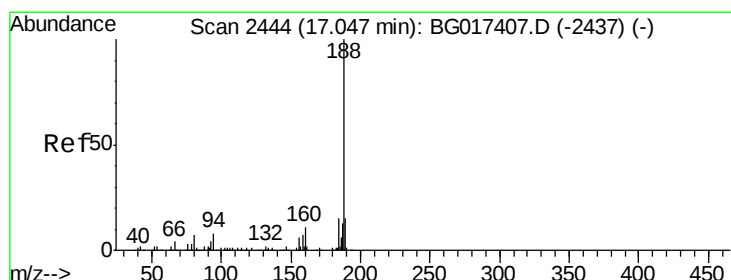
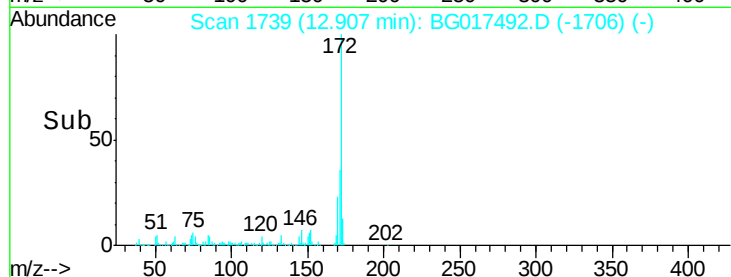
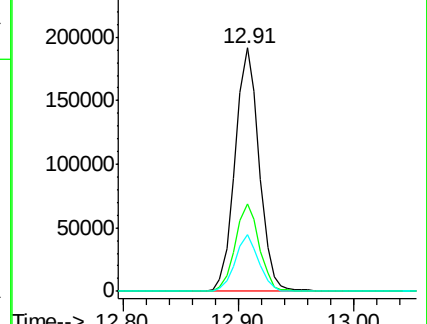
170 23.3 18.9 28.3



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.05 min Scan# 2444

Delta R.T. 0.00 min

Lab File: BG017492.D

Acq: 6 Jun 2015 4:25

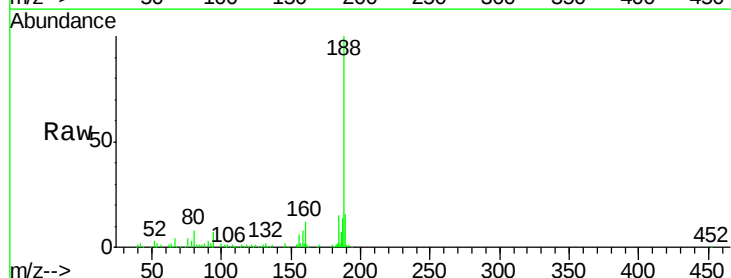
Tgt Ion:188 Resp: 124934

Ion Ratio Lower Upper

188 100

94 6.6 6.3 9.5

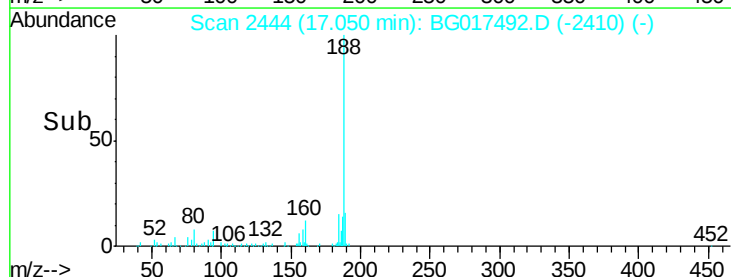
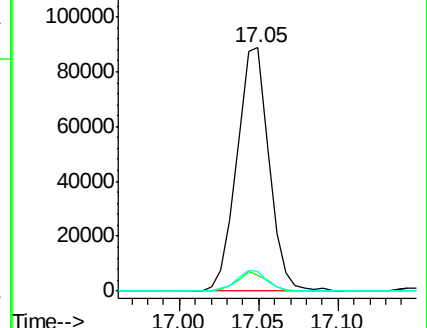
80 8.0 5.2 7.8#

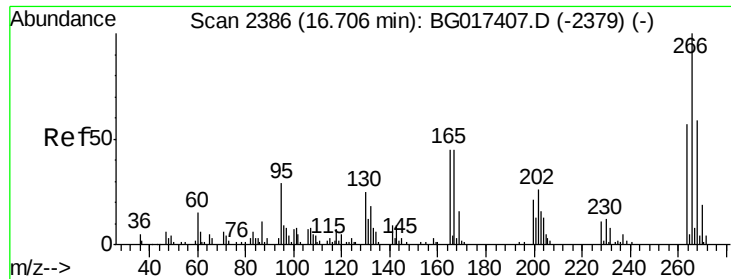


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#69

Pentachlorophenol

Concen: 5.56 ng

RT: 16.54 min Scan# 2358

Delta R.T. -0.17 min

Lab File: BG017492.D

Acq: 6 Jun 2015 4:25

Instrument :

BNA_G

ClientSampleId :

MW-1

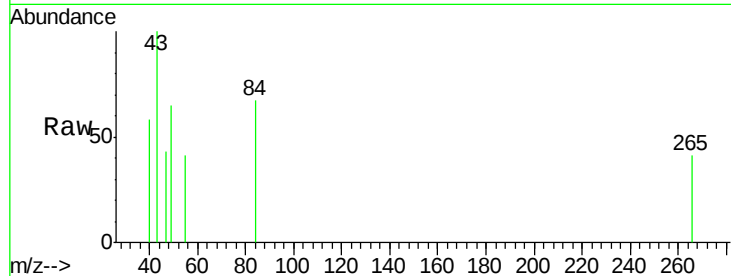
Tgt Ion:266 Resp: 61

Ion Ratio Lower Upper

266 100

268 0.0 47.0 70.6#

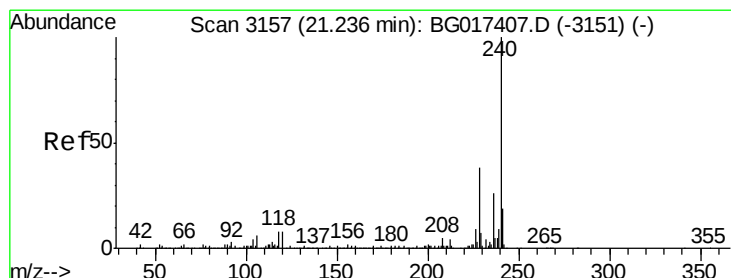
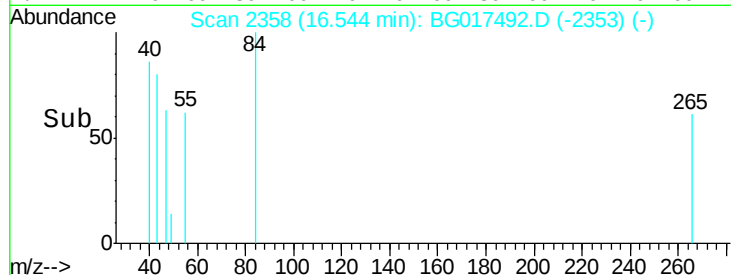
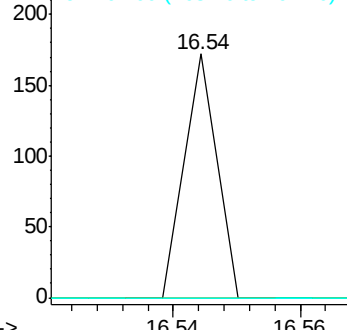
264 0.0 45.7 68.5#



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.24 min Scan# 3157

Delta R.T. -0.00 min

Lab File: BG017492.D

Acq: 6 Jun 2015 4:25

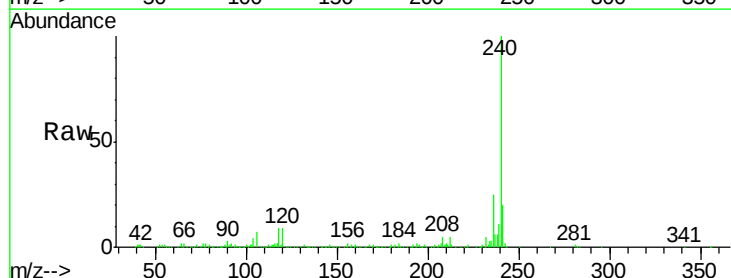
Tgt Ion:240 Resp: 171937

Ion Ratio Lower Upper

240 100

120 8.8 6.5 9.7

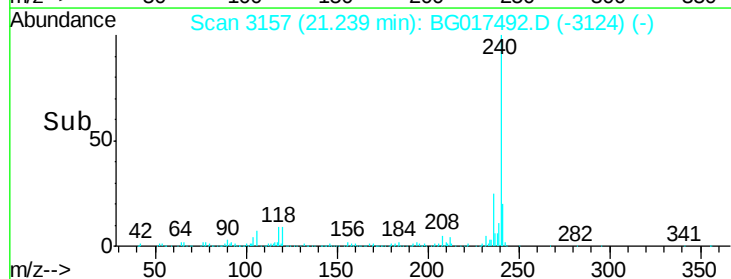
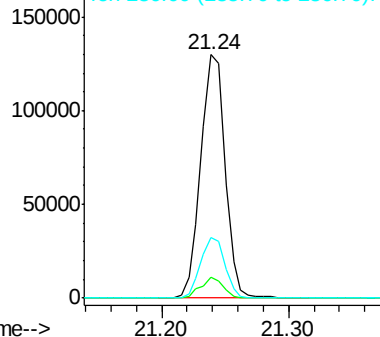
236 24.8 20.8 31.2

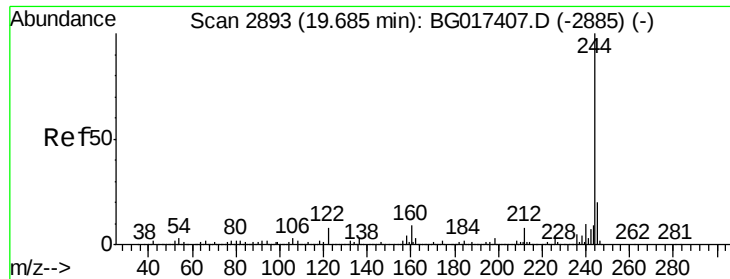


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 68.10 ng

RT: 19.69 min Scan# 2893

Delta R.T. 0.00 min

Lab File: BG017492.D

Acq: 6 Jun 2015 4:25

Instrument :

BNA_G

ClientSampleId :

MW-1

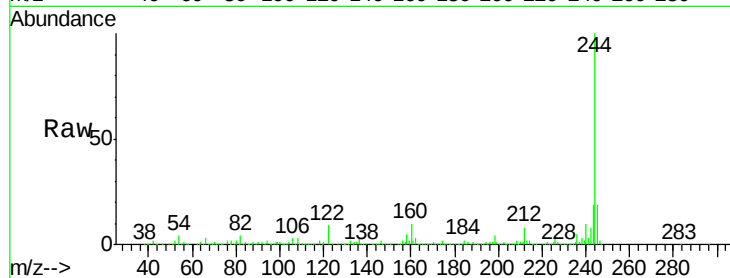
Tgt Ion:244 Resp: 566493

Ion Ratio Lower Upper

244 100

212 7.9 6.4 9.6

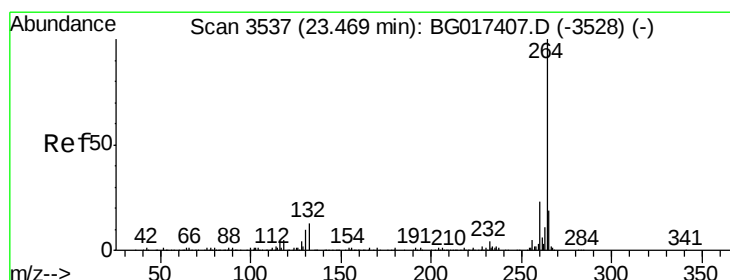
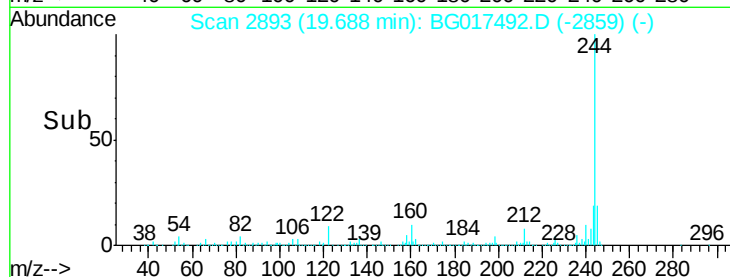
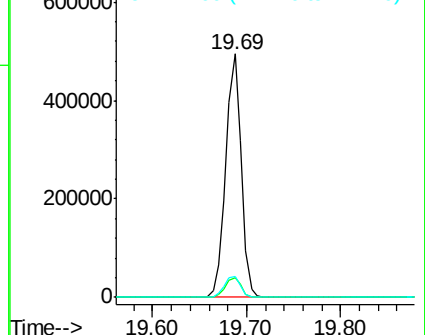
122 8.7 6.6 10.0



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: 23.48 min Scan# 3538

Delta R.T. -0.00 min

Lab File: BG017492.D

Acq: 6 Jun 2015 4:25

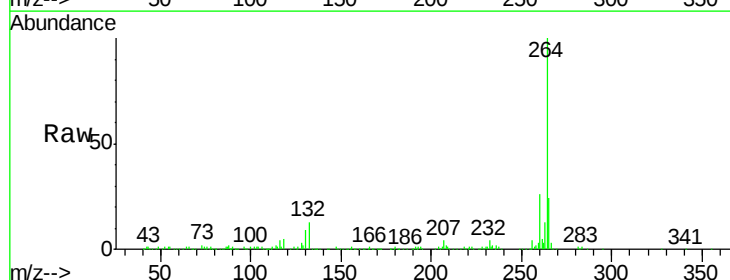
Tgt Ion:264 Resp: 172272

Ion Ratio Lower Upper

264 100

260 25.8 18.2 27.4

265 23.7 15.8 23.6#



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

