

Data Path : Z:\HPCHEM1\BNA G\DATA\BG091115\
 Data File : BG018622.D
 Acq On : 11 Sep 2015 3:29
 Operator : UM/IZ
 Sample : G3578-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WASTECLASS-COMP

Quant Time: Sep 11 05:02:30 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 11 01:56:11 2015
 Response via : Initial Calibration

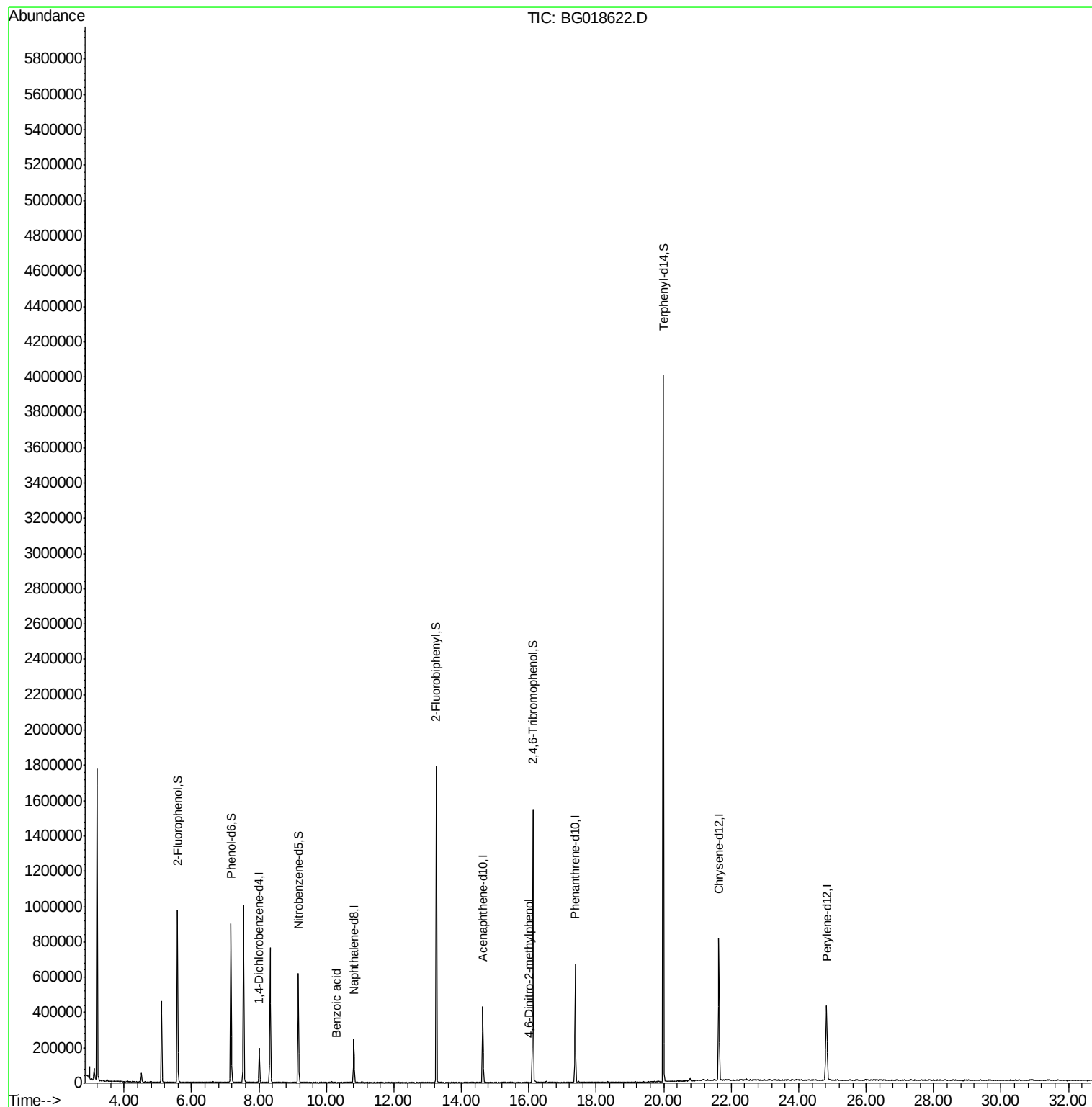
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	57710	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	220712	20.00	ng	0.00
38) Acenaphthene-d10	14.63	164	144600	20.00	ng	0.00
63) Phenanthrene-d10	17.37	188	412209	20.00	ng	0.00
75) Chrysene-d12	21.63	240	470648	20.00	ng	0.00
86) Perylene-d12	24.82	264	462262	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	456163	136.54	ng	0.00
7) Phenol-d6	7.17	99	584740	122.07	ng	0.00
23) Nitrobenzene-d5	9.17	82	383200	97.15	ng	0.00
41) 2,4,6-Tribromophenol	16.12	330	298756	153.44	ng	0.00
44) 2-Fluorobiphenyl	13.26	172	974928	93.59	ng	0.00
78) Terphenyl-d14	19.99	244	1716237	95.76	ng	0.00
Target Compounds						
32) Benzoic acid	10.28	122	73	7.95	ng	# 1
64) 4,6-Dinitro-2-methylphenol	16.00	198	64	5.43	ng	# 37

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.01 min Scan# 880

Delta R.T. -0.00 min

Lab File: BG018622.D

Acq: 11 Sep 2015 3:29

Instrument :

BNA_G

ClientSampleId :

WASTECLASS-COMP

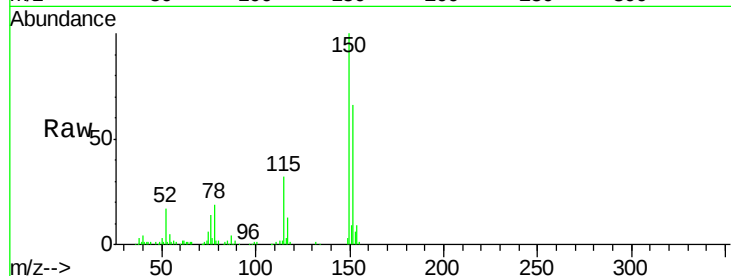
Tot Ion:152 Resp: 57710

Ion Ratio Lower Upper

152 100

150 151.2 115.0 172.4

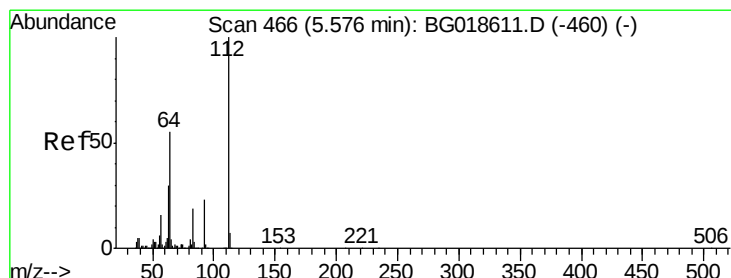
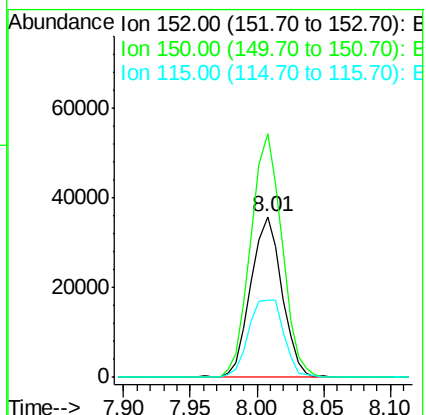
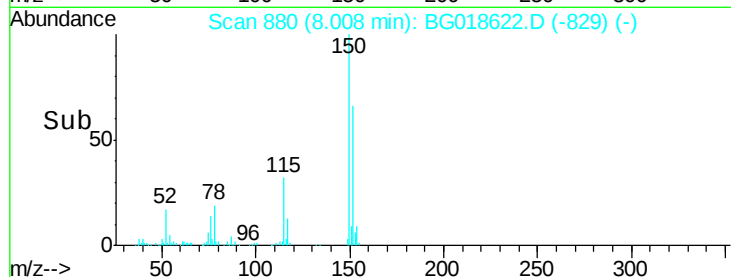
115 47.9 43.9 65.9



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: 136.54 ng

RT: 5.58 min Scan# 467

Delta R.T. 0.01 min

Lab File: BG018622.D

Acq: 11 Sep 2015 3:29

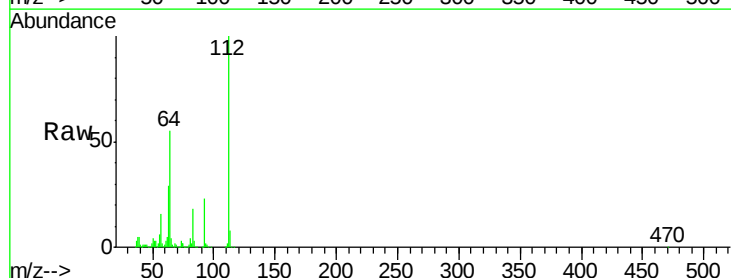
Tgt Ion:112 Resp: 456163

Ion Ratio Lower Upper

112 100

64 55.3 43.7 65.5

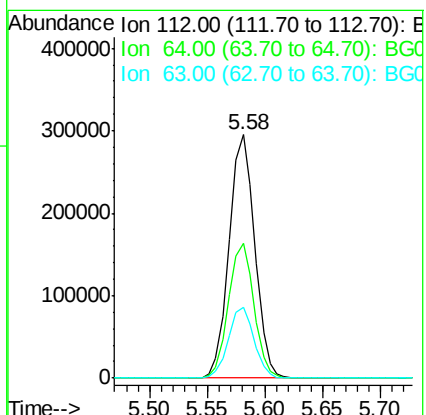
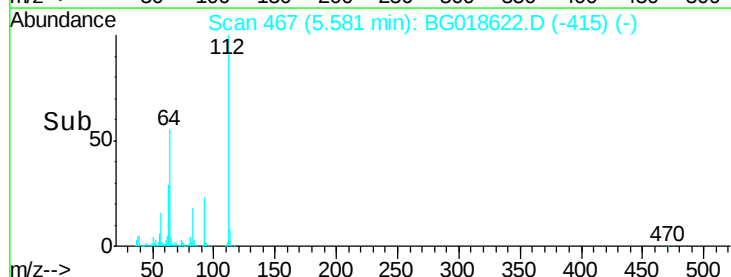
63 28.9 24.0 36.0

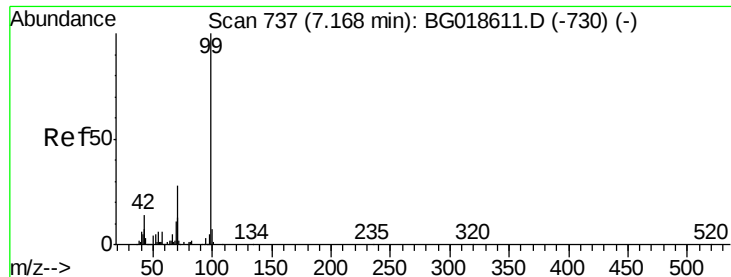


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 122.07 ng

RT: 7.17 min Scan# 737

Delta R.T. -0.00 min

Lab File: BG018622.D

Acq: 11 Sep 2015 3:29

Instrument :

BNA_G

ClientSampleId :

WASTECLASS-COMP

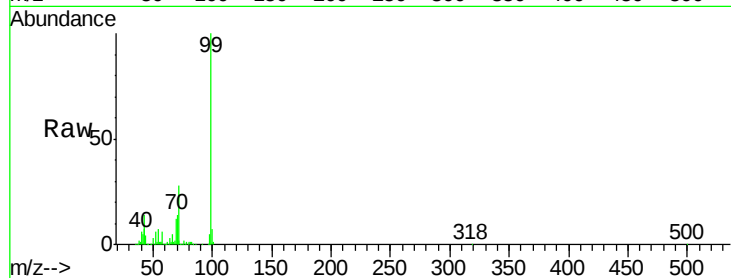
Tot Ion: 99 Resp: 584740

Ion Ratio Lower Upper

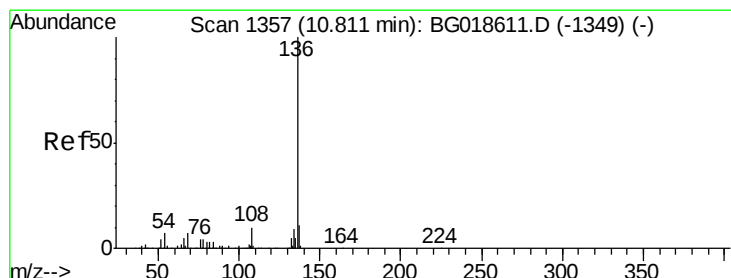
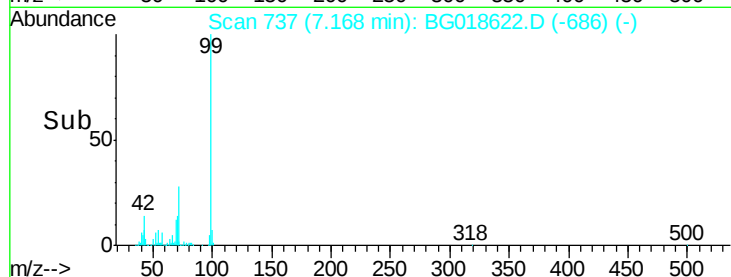
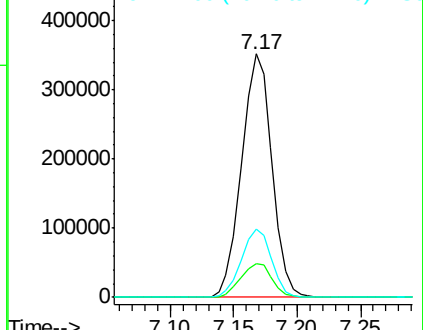
99 100

42 13.9 11.5 17.3

71 28.0 22.6 34.0



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: 10.81 min Scan# 1357

Delta R.T. -0.00 min

Lab File: BG018622.D

Acq: 11 Sep 2015 3:29

Tgt Ion: 136 Resp: 220712

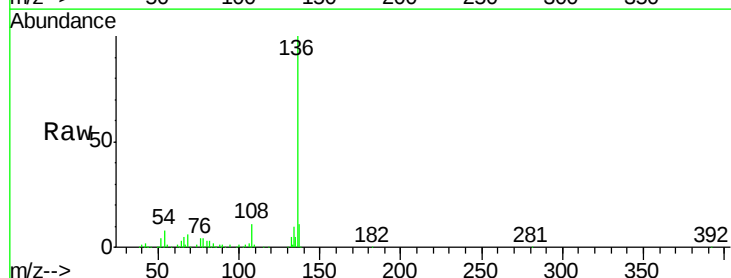
Ion Ratio Lower Upper

136 100

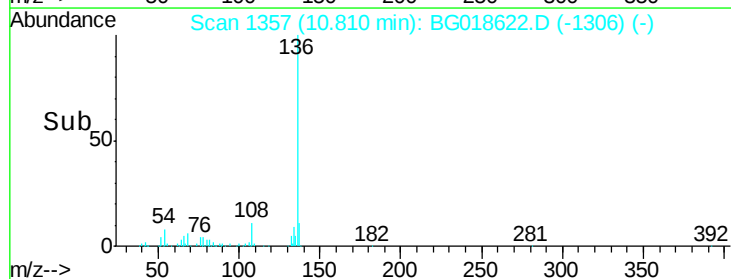
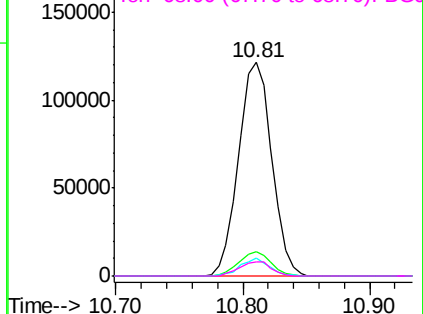
137 11.2 8.6 12.8

54 8.3 5.4 8.2#

68 6.4 5.3 7.9



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

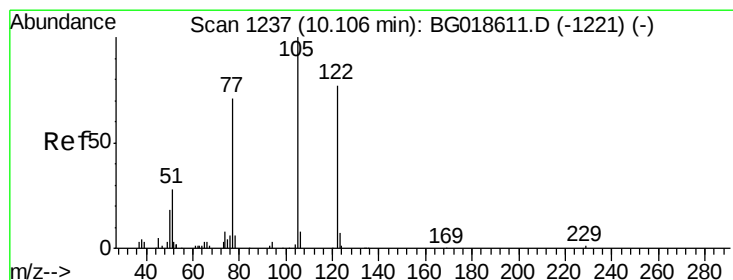
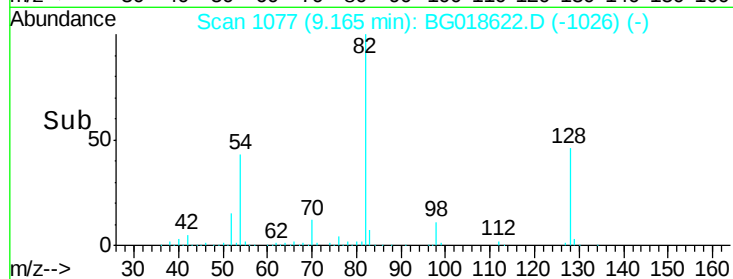
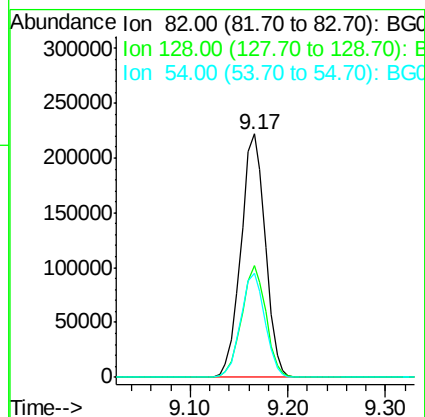
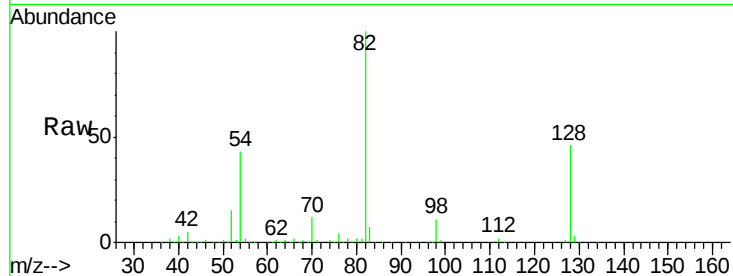




#23
 Nitrobenzene-d5
 Concen: 97.15 ng
 RT: 9.17 min Scan# 1077
 Delta R.T. -0.00 min
 Lab File: BG018622.D
 Acq: 11 Sep 2015 3:29

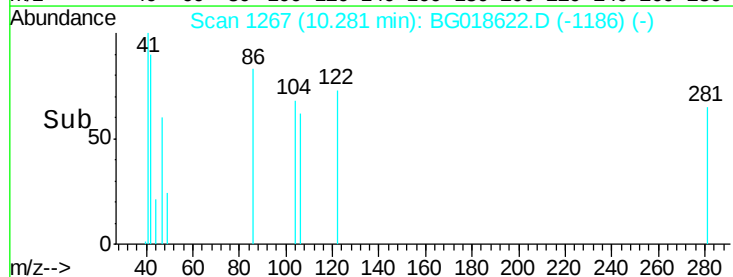
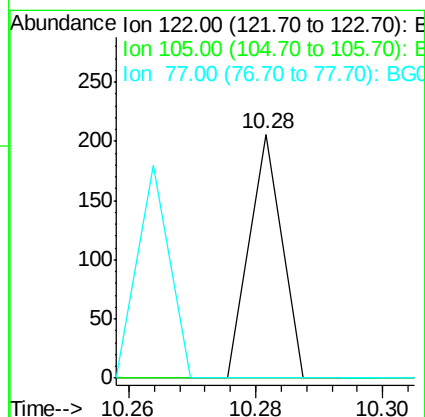
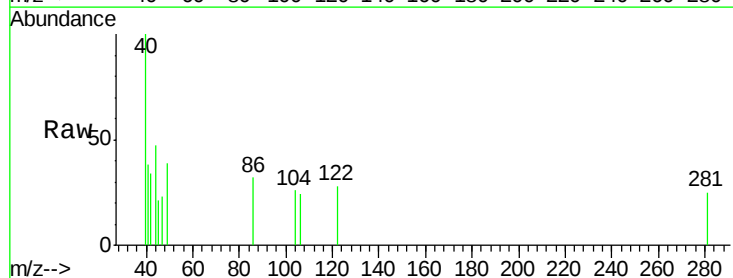
Instrument :
 BNA_G
 ClientSampleId :
 WASTECLASS-COMP

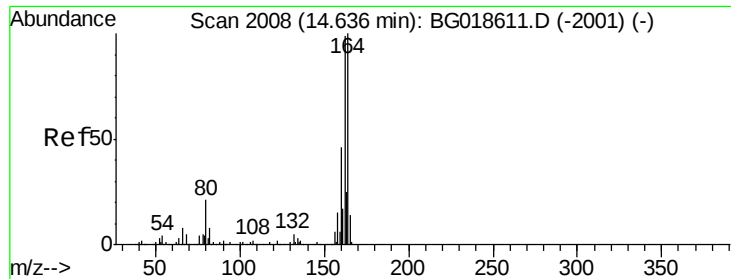
Tot Ion	82	Resp	383200
Ion Ratio	Lower	Upper	
82	100		
128	46.2	36.7	55.1
54	42.6	33.8	50.8



#32
 Benzoic acid
 Concen: 7.95 ng
 RT: 10.28 min Scan# 1267
 Delta R.T. 0.18 min
 Lab File: BG018622.D
 Acq: 11 Sep 2015 3:29

Tgt Ion	122	Resp	73
Ion Ratio	Lower	Upper	
122	100		
105	0.0	103.8	143.8#
77	0.0	68.8	108.8#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.63 min Scan# 2007

Delta R.T. -0.01 min

Lab File: BG018622.D

Acq: 11 Sep 2015 3:29

Instrument :

BNA_G

ClientSampleId :

WASTECLASS-COMP

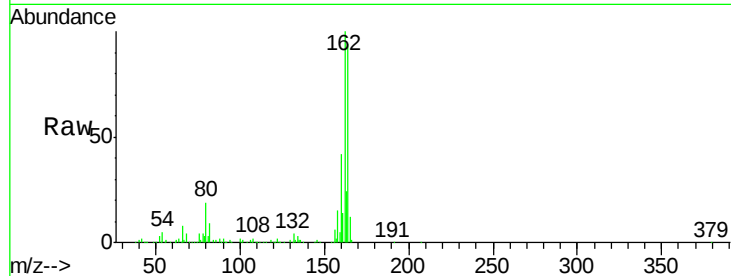
Tot Ion:164 Resp: 144600

Ion Ratio Lower Upper

164 100

162 106.6 78.8 118.2

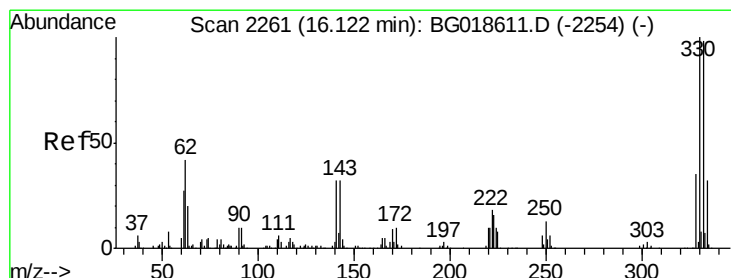
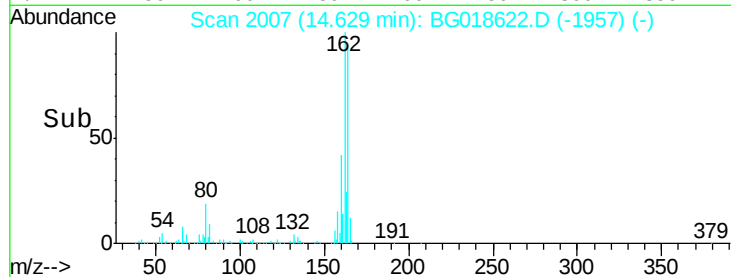
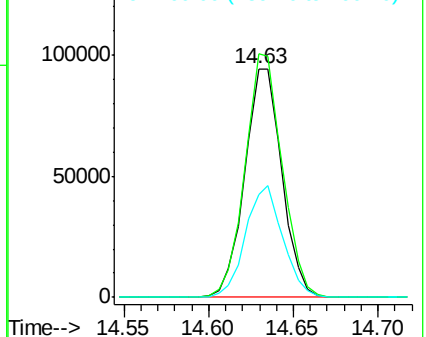
160 45.2 36.4 54.6



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 153.44 ng

RT: 16.12 min Scan# 2261

Delta R.T. -0.00 min

Lab File: BG018622.D

Acq: 11 Sep 2015 3:29

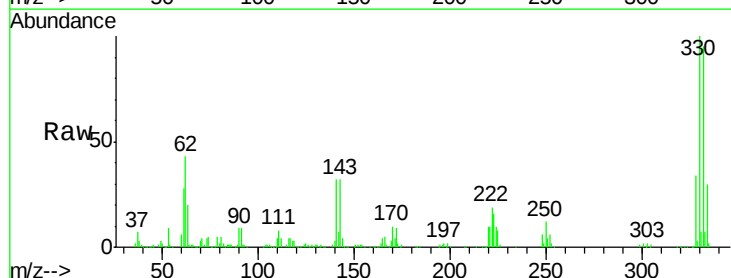
Tgt Ion:330 Resp: 298756

Ion Ratio Lower Upper

330 100

332 96.0 78.1 117.1

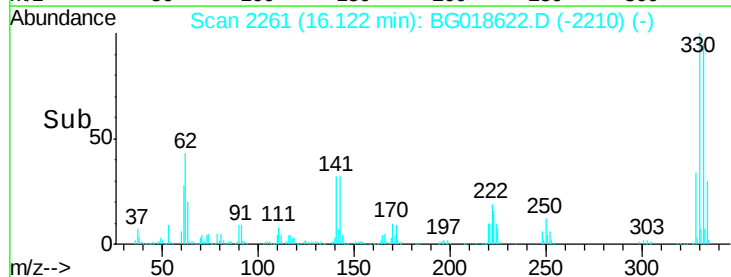
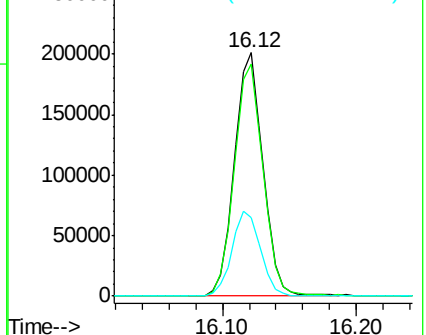
141 35.0 28.2 42.2

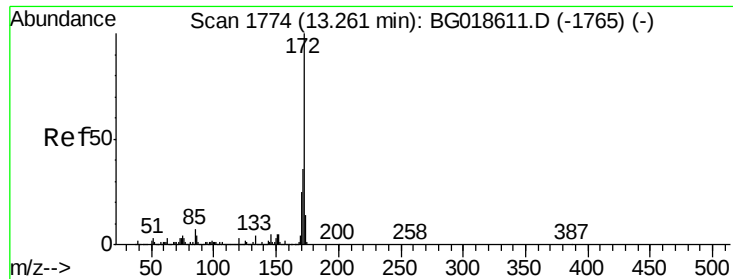


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

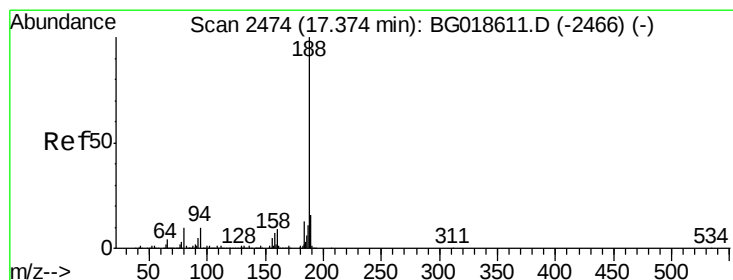
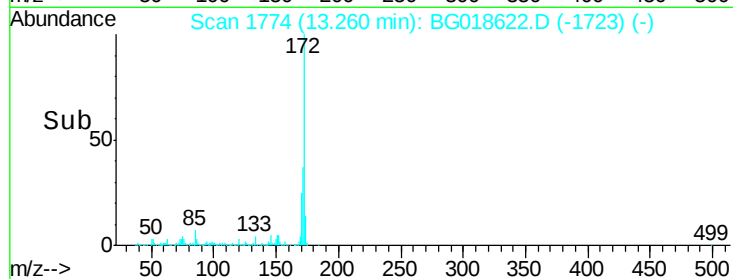
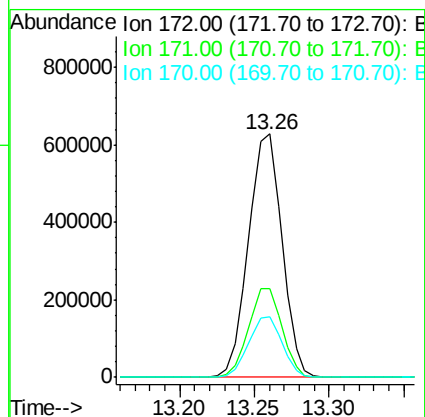
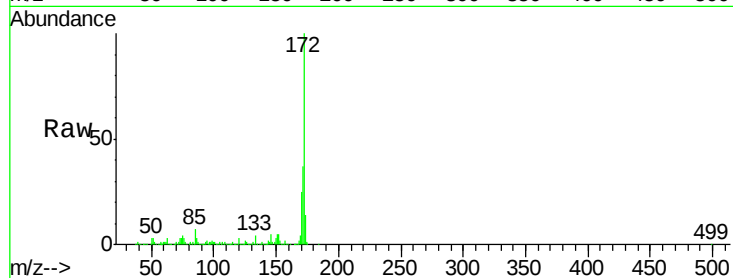




#44
 2-Fluorobiphenyl
 Concen: 93.59 ng
 RT: 13.26 min Scan# 1774
 Delta R.T. -0.00 min
 Lab File: BG018622.D
 Acq: 11 Sep 2015 3:29

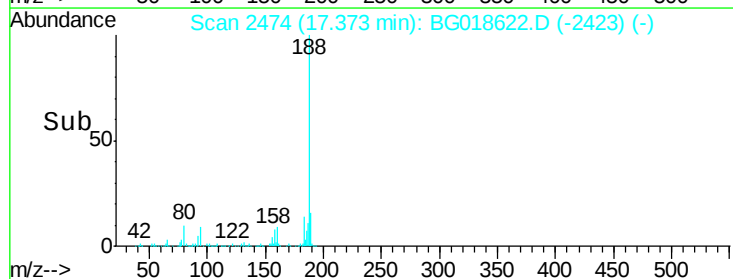
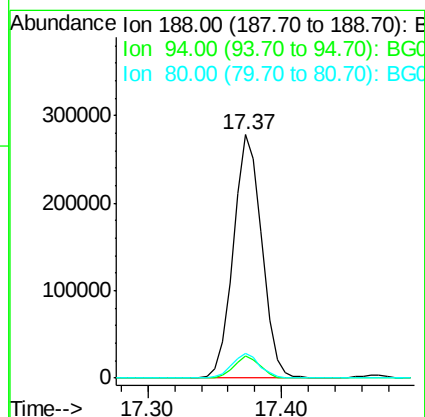
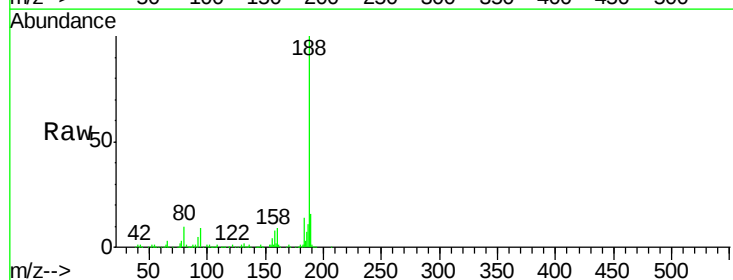
Instrument :
 BNA_G
 ClientSampleId :
 WASTECLASS-COMP

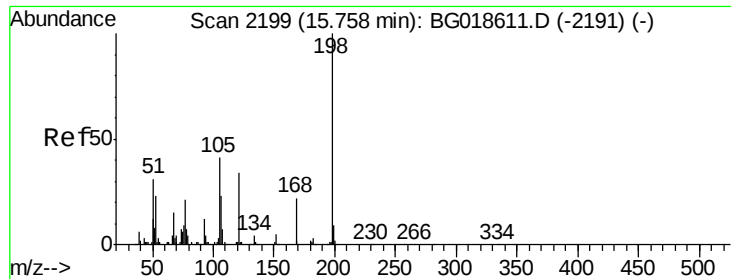
Tot Ion:172 Resp: 974928
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.0 43.6
 170 25.1 19.9 29.9



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.37 min Scan# 2474
 Delta R.T. -0.00 min
 Lab File: BG018622.D
 Acq: 11 Sep 2015 3:29

Tgt Ion:188 Resp: 412209
 Ion Ratio Lower Upper
 188 100
 94 9.0 7.7 11.5
 80 10.0 7.8 11.8

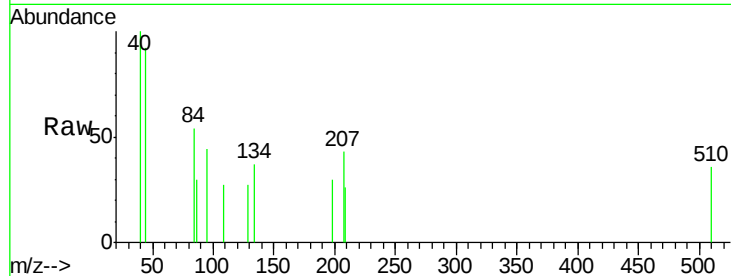




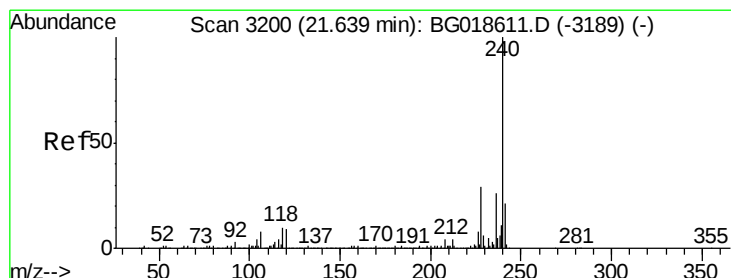
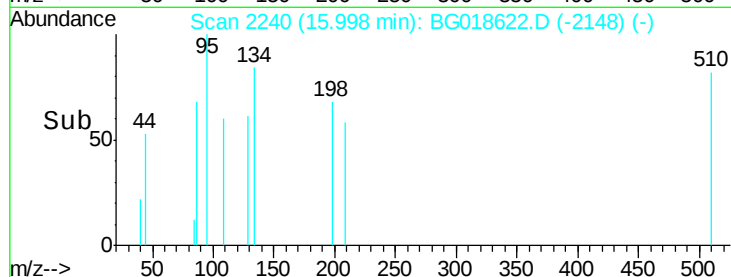
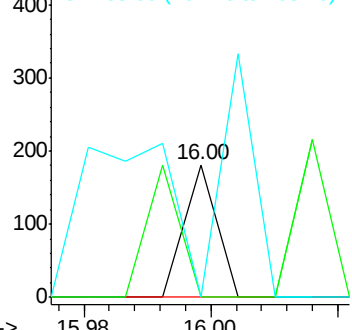
#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.43 ng
 RT: 16.00 min Scan# 2240
 Delta R.T. 0.24 min
 Lab File: BG018622.D
 Acq: 11 Sep 2015 3:29

Instrument :
 BNA_G
 ClientSampleId :
 WASTECLASS-COMP

Tot Ion:198 Resp: 64
 Ion Ratio Lower Upper
 198 100
 51 0.0 14.2 54.2#
 105 0.0 21.1 61.1#

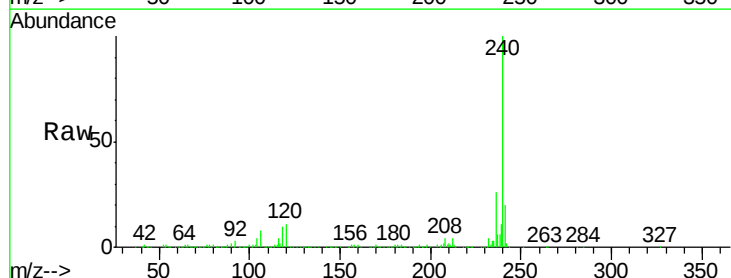


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

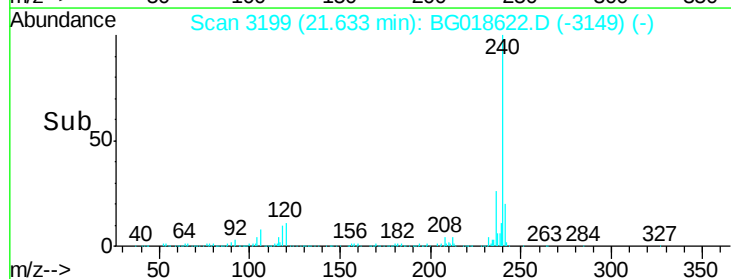
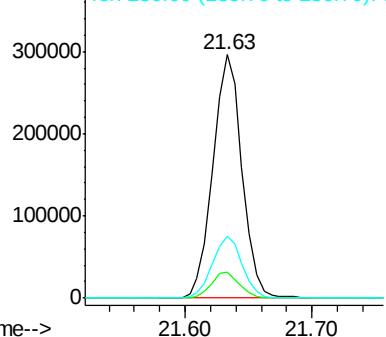


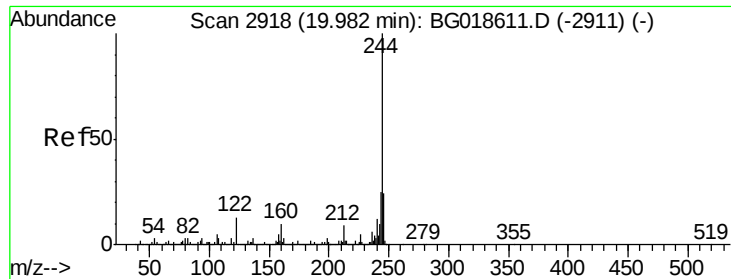
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.63 min Scan# 3199
 Delta R.T. -0.01 min
 Lab File: BG018622.D
 Acq: 11 Sep 2015 3:29

Tgt Ion:240 Resp: 470648
 Ion Ratio Lower Upper
 240 100
 120 10.7 7.4 11.0
 236 25.6 20.7 31.1



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: 95.76 ng

RT: 19.99 min Scan# 2919

Delta R.T. 0.01 min

Lab File: BG018622.D

Acq: 11 Sep 2015 3:29

Instrument :

BNA_G

ClientSampleId :

WASTECLASS-COMP

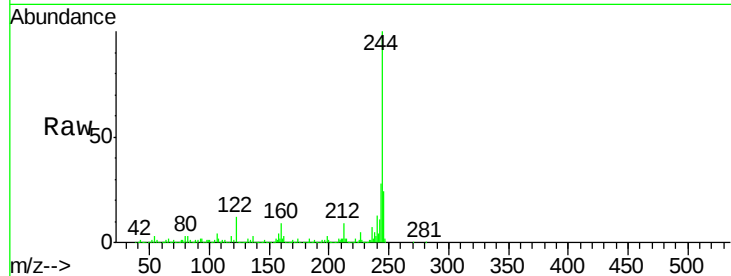
Tot Ion:244 Resp: 1716237

Ion Ratio Lower Upper

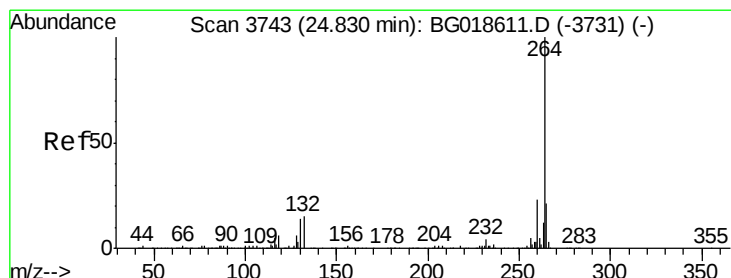
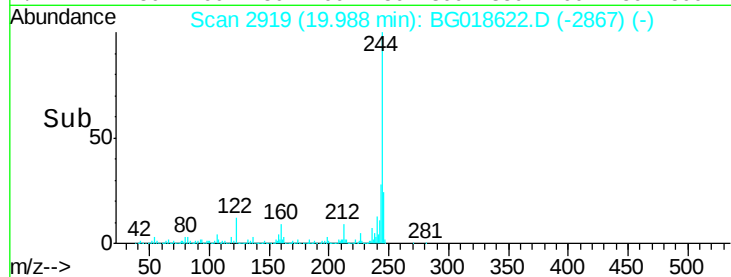
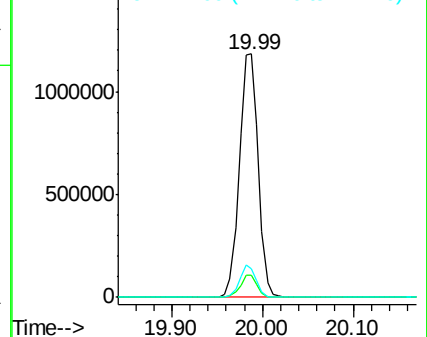
244 100

212 9.1 6.9 10.3

122 11.9 10.2 15.2



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: 24.82 min Scan# 3742

Delta R.T. -0.01 min

Lab File: BG018622.D

Acq: 11 Sep 2015 3:29

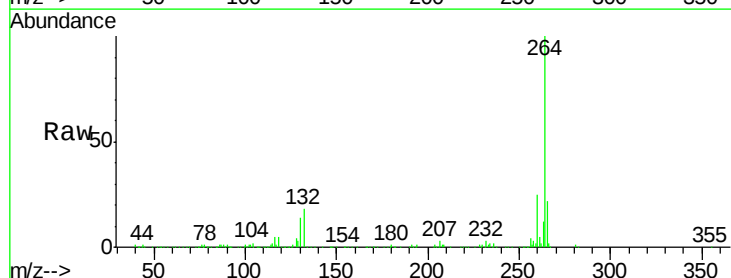
Tgt Ion:264 Resp: 462262

Ion Ratio Lower Upper

264 100

260 24.6 18.5 27.7

265 22.3 17.2 25.8



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

