

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG030618\
 Data File : BG033036.D
 Acq On : 7 Mar 2018 00:56
 Operator : SJ/JU
 Sample : J1809-04
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 07 02:24:36 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 06 17:38:59 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.91	152	56545	20.00	ng	0.00
21) Naphthalene-d8	11.80	136	243231	20.00	ng	0.00
38) Acenaphthene-d10	15.52	164	135311	20.00	ng	0.00
63) Phenanthrene-d10	18.25	188	296968	20.00	ng	0.00
75) Chrysene-d12	22.61	240	268986	20.00	ng	0.00
86) Perylene-d12	26.41	264	235759	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	6.33	112	517827	146.51	ng	0.00
7) Phenol-d6	8.01	99	621412	126.14	ng	0.00
23) Nitrobenzene-d5	10.11	82	476605	130.03	ng	0.00
41) 2,4,6-Tribromophenol	17.00	330	240058	168.73	ng	0.00
44) 2-Fluorobiphenyl	14.15	172	982483	104.72	ng	0.00
78) Terphenyl-d14	20.77	244	1323383	110.54	ng	0.00

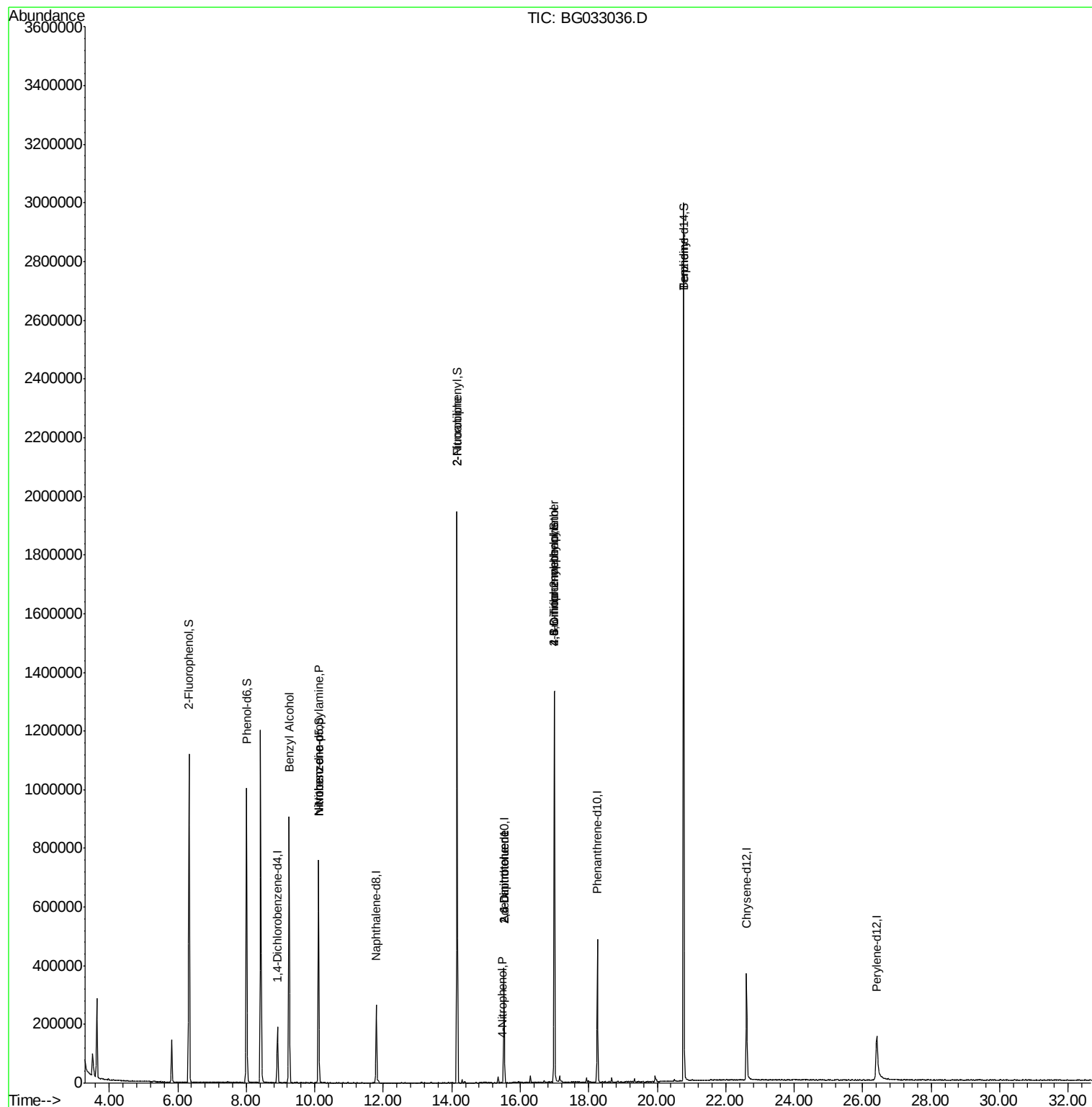
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
15) Benzyl Alcohol	9.25	79	7603	2.099	ng	# 33
19) n-Nitroso-di-n-propylamine	10.11	70	63602	18.287	ng	# 82
24) Nitrobenzene	10.11	77	1385	6.690	ng	# 30
47) 2-Nitroaniline	14.15	65	1969	10.539	ng	# 1
50) 2,6-Dinitrotoluene	15.52	165	17684	16.474	ng	# 20
55) 4-Nitrophenol	15.46	139	53	7.106	ng	# 1
56) 2,4-Dinitrotoluene	15.52	165	17684	14.672	ng	# 18
64) 4,6-Dinitro-2-methylphenol	17.00	198	741	6.007	ng	# 1
66) 4-Bromophenyl-phenylether	16.99	248	17347	5.524	ng	# 1
76) Benzidine	20.77	184	23666	2.581	ng	# 93

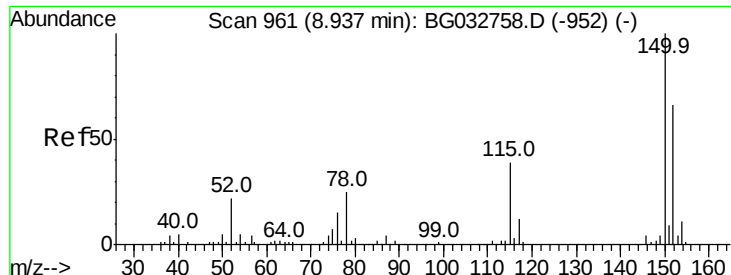
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG030618\
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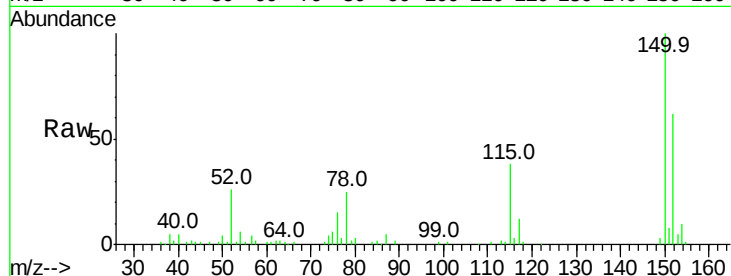


#1

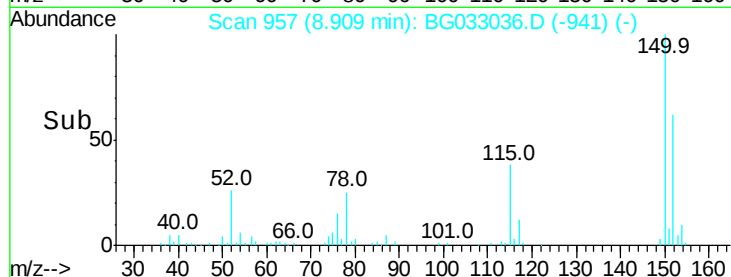
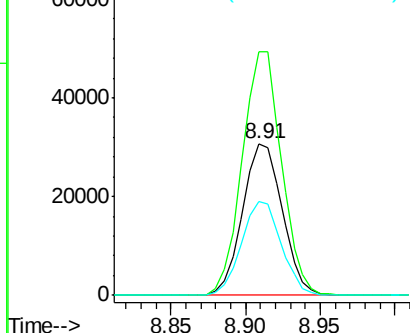
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.91 min Scan# 957
Delta R.T. -0.00 min
Lab File: BG033036.D
Acq: 7 Mar 2018 00:56

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 56545
Ion Ratio Lower Upper
152 100
150 160.4 126.6 189.8
115 61.6 53.0 79.4



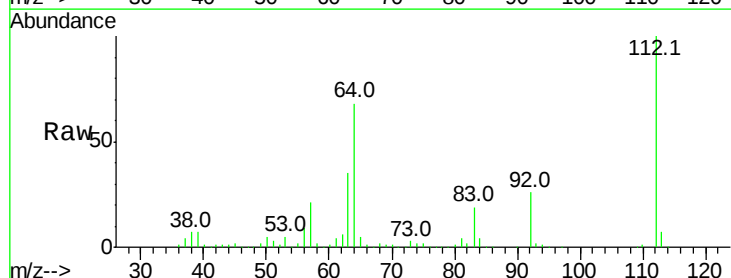
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



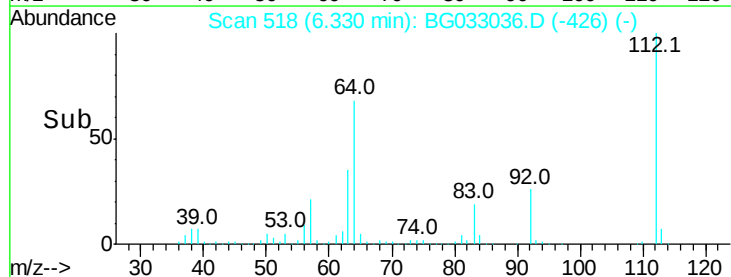
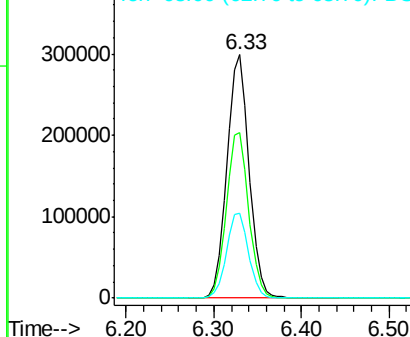
#5

2-Fluorophenol
Concen: 146.511 ng
RT: 6.33 min Scan# 518
Delta R.T. 0.01 min
Lab File: BG033036.D
Acq: 7 Mar 2018 00:56

Tgt Ion:112 Resp: 517827
Ion Ratio Lower Upper
112 100
64 68.2 56.3 84.5
63 34.7 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG0
Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 126.138 ng

RT: 8.01 min Scan# 804

Delta R.T. 0.00 min

Lab File: BG033036.D

Acq: 7 Mar 2018 00:56

Instrument :

BNA_G

ClientSampleId :

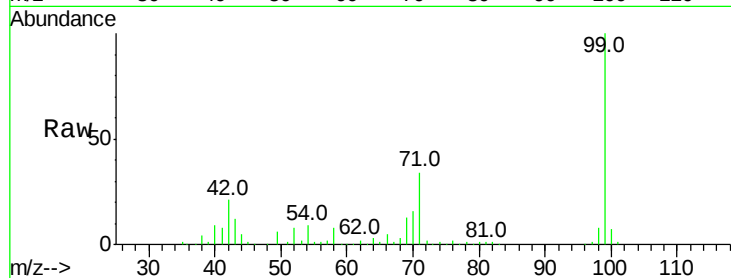
Tot Ion: 99 Resp: 621412

Ion Ratio Lower Upper

99 100

42 21.3 14.1 21.1#

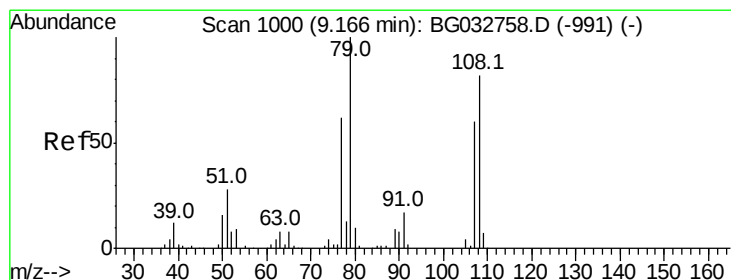
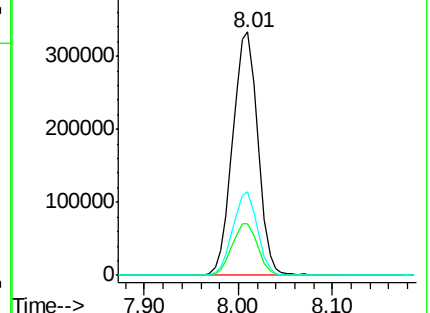
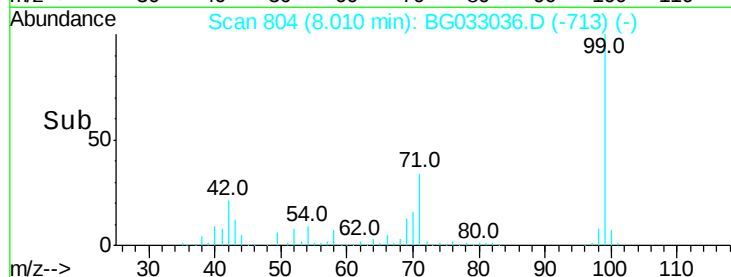
71 34.1 26.1 39.1



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



#15

Benzyl Alcohol

Concen: 2.099 ng

RT: 9.25 min Scan# 1015

Delta R.T. 0.11 min

Lab File: BG033036.D

Acq: 7 Mar 2018 00:56

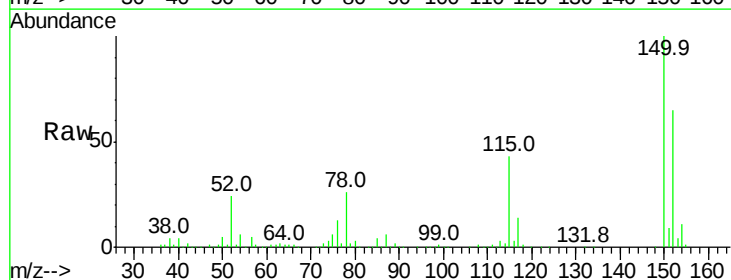
Tgt Ion: 79 Resp: 7603

Ion Ratio Lower Upper

79 100

108 30.8 57.2 85.8#

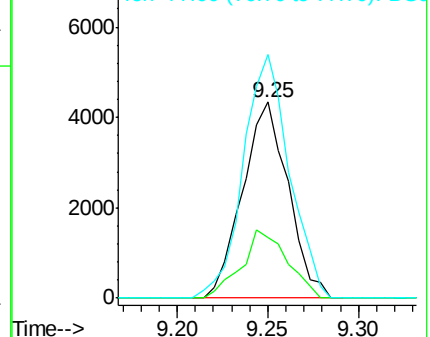
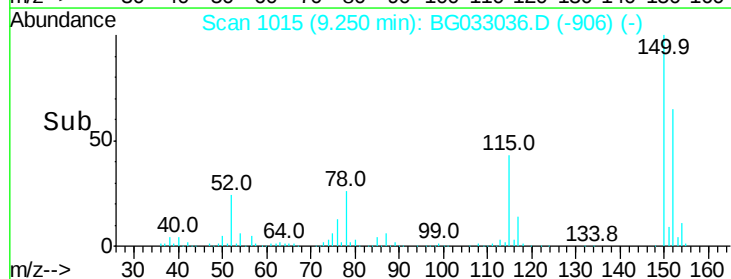
77 124.4 46.1 69.1#

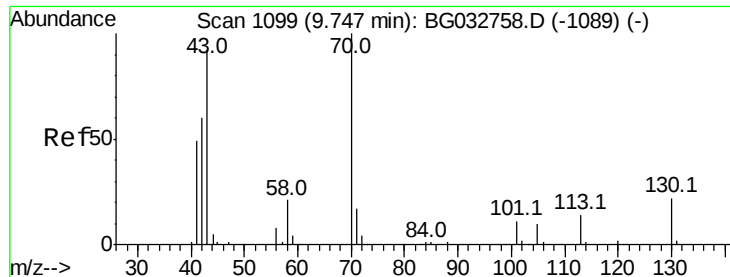


Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

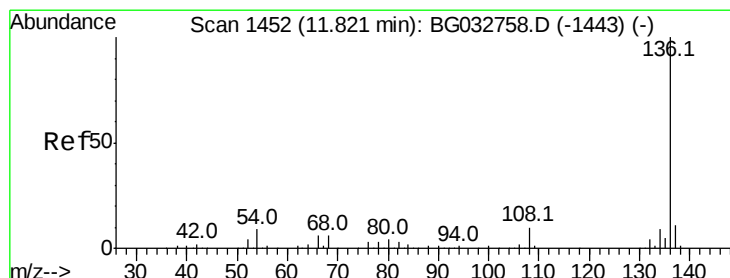
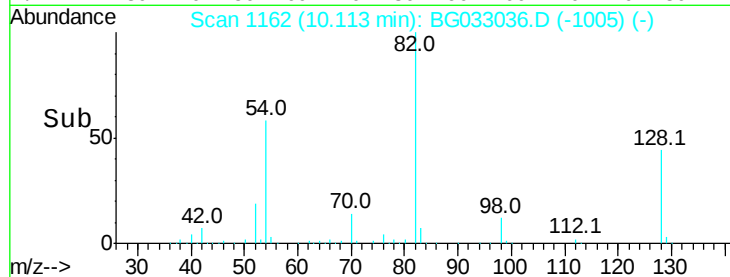
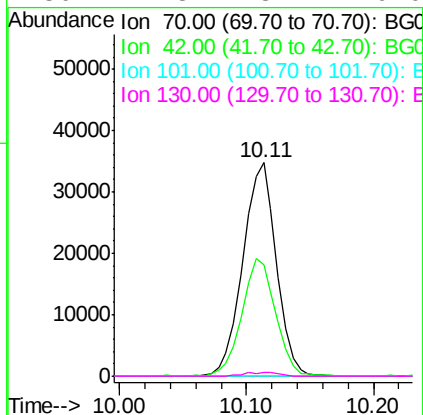
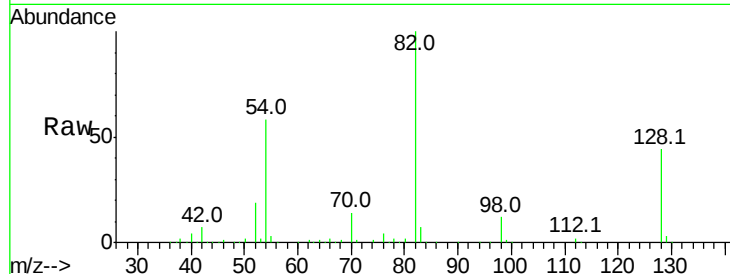




#19
n-Nitroso-di-n-propylamine
Concen: 18.287 ng
RT: 10.11 min Scan# 1162
Delta R.T. 0.39 min
Lab File: BG033036.D
Acq: 7 Mar 2018 00:56

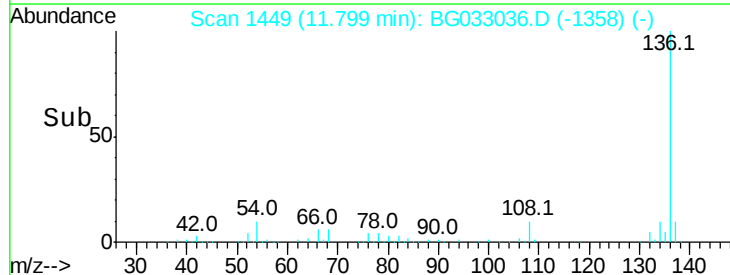
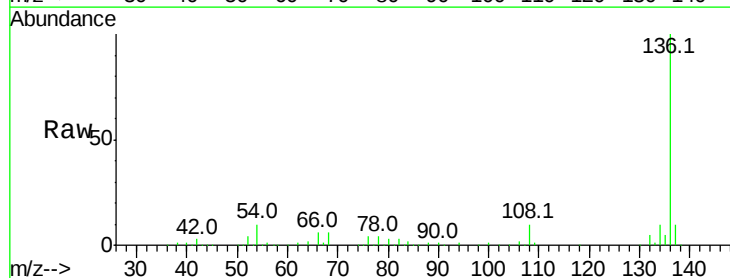
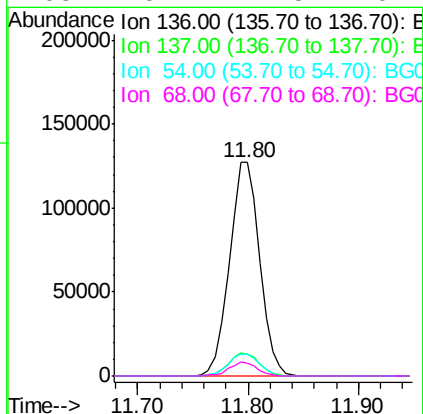
Instrument :
BNA_G
ClientSampled :

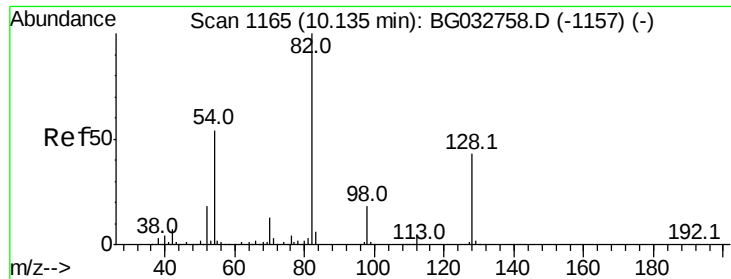
Tot Ion: 70 Resp: 63602
Ion Ratio Lower Upper
70 100
42 52.2 49.1 73.7
101 0.0 8.5 12.7#
130 1.8 13.4 20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.80 min Scan# 1449
Delta R.T. 0.00 min
Lab File: BG033036.D
Acq: 7 Mar 2018 00:56

Tgt Ion:136 Resp: 243231
Ion Ratio Lower Upper
136 100
137 10.5 9.2 13.8
54 10.5 10.3 15.5
68 6.1 4.5 6.7





#23

Nitrobenzene-d5

Concen: 130.033 ng

RT: 10.11 min Scan# 1162

Delta R.T. 0.00 min

Lab File: BG033036.D

Acq: 7 Mar 2018 00:56

Instrument :

BNA_G

ClientSampleId :

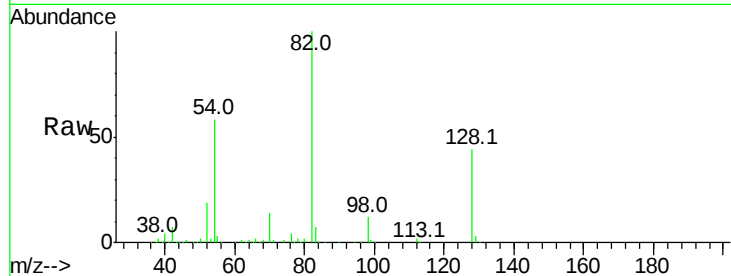
Tot Ion: 82 Resp: 476605

Ion Ratio Lower Upper

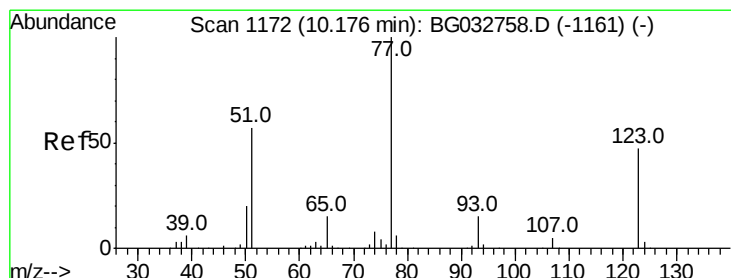
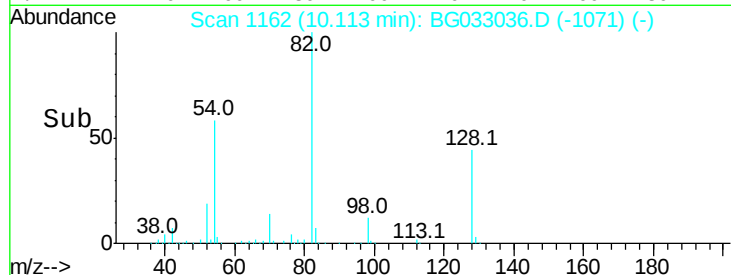
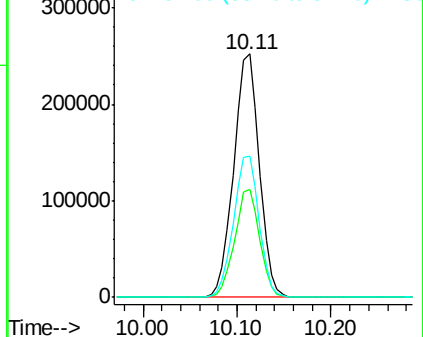
82 100

128 44.5 29.7 44.5

54 57.8 43.1 64.7



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



#24

Nitrobenzene

Concen: 6.690 ng

RT: 10.11 min Scan# 1162

Delta R.T. -0.04 min

Lab File: BG033036.D

Acq: 7 Mar 2018 00:56

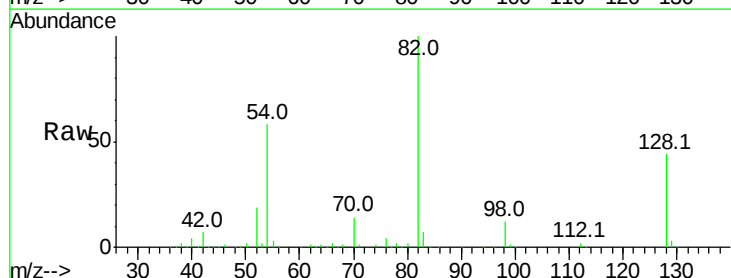
Tgt Ion: 77 Resp: 1385

Ion Ratio Lower Upper

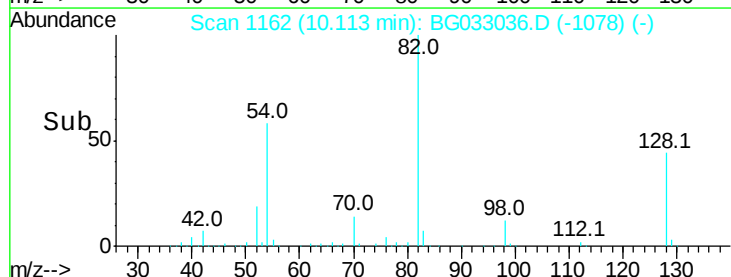
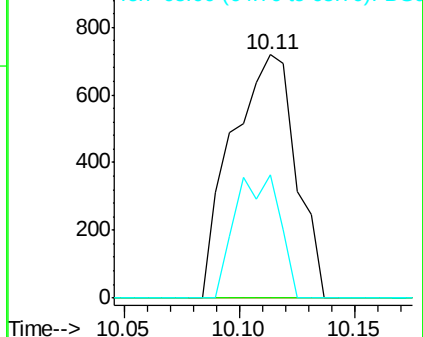
77 100

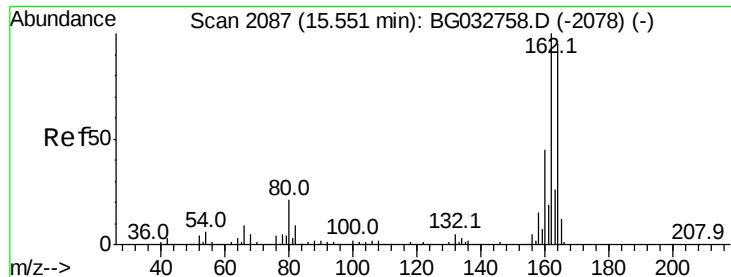
123 0.0 33.0 49.6#

65 50.8 13.0 19.6#



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 123.00 (122.70 to 123.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.52 min Scan# 2083

Delta R.T. -0.00 min

Lab File: BG033036.D

Acq: 7 Mar 2018 00:56

Instrument :

BNA_G

ClientSampleId :

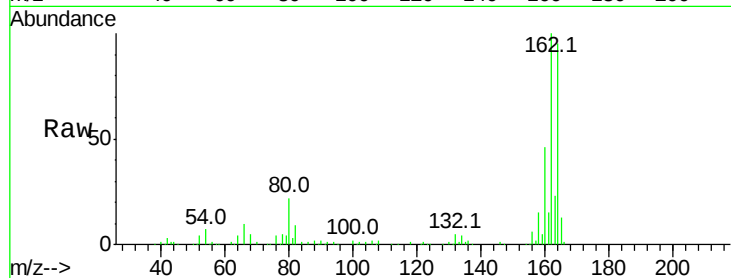
Tot Ion:164 Resp: 135311

Ion Ratio Lower Upper

164 100

162 104.8 78.8 118.2

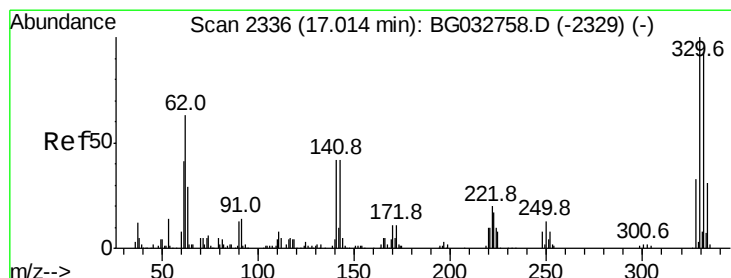
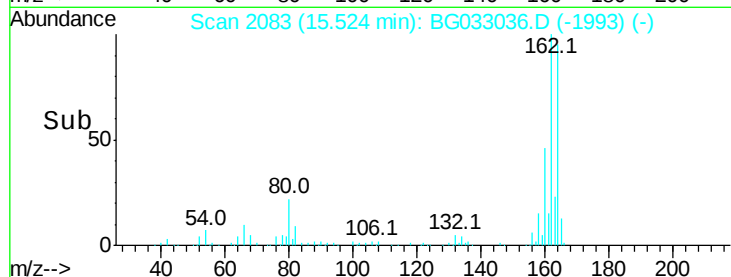
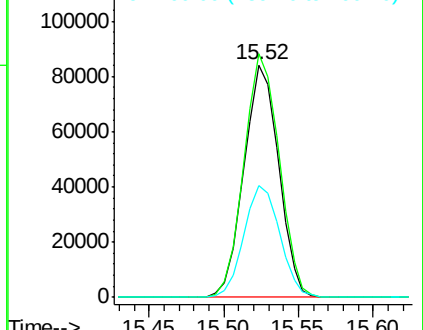
160 48.1 35.4 53.0



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: 168.728 ng

RT: 17.00 min Scan# 2334

Delta R.T. 0.00 min

Lab File: BG033036.D

Acq: 7 Mar 2018 00:56

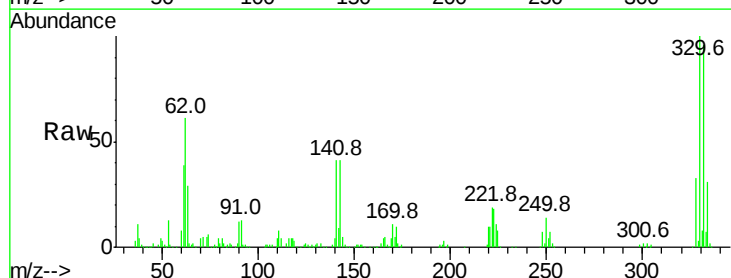
Tgt Ion:330 Resp: 240058

Ion Ratio Lower Upper

330 100

332 96.3 77.0 115.6

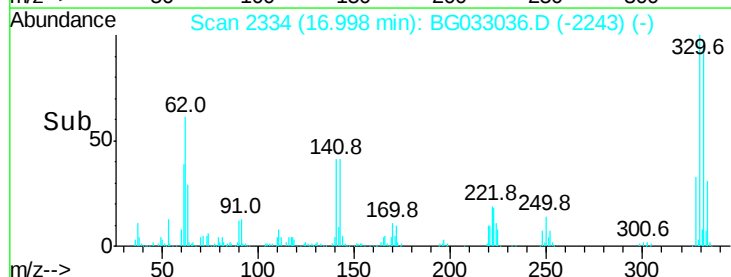
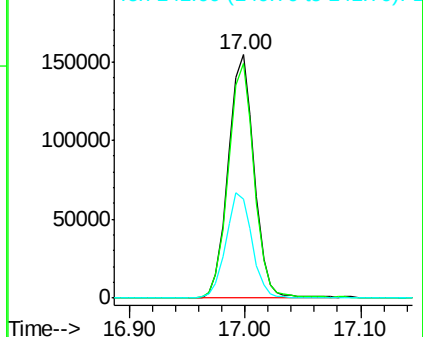
141 43.6 25.2 37.8#

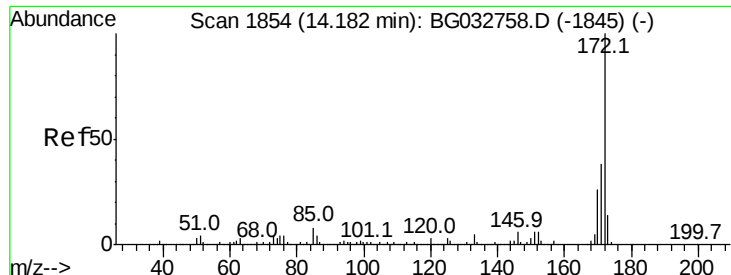


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

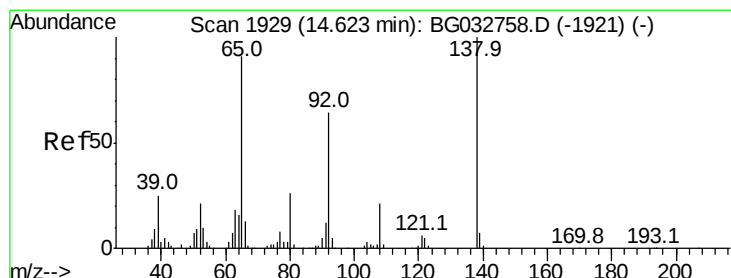
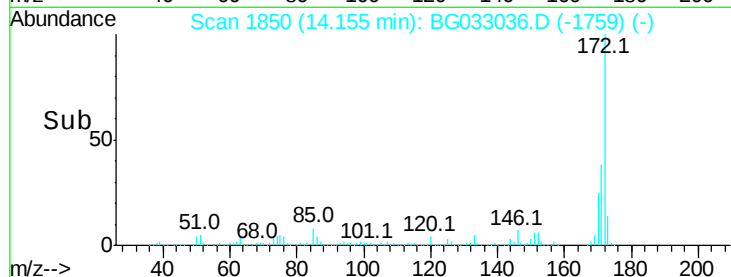
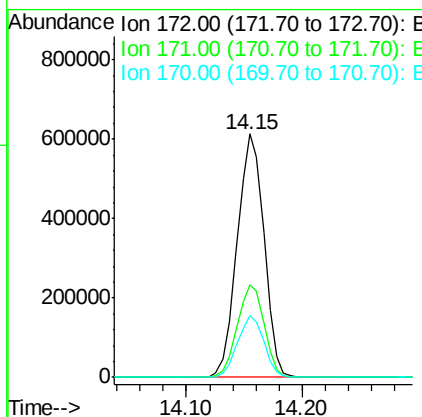
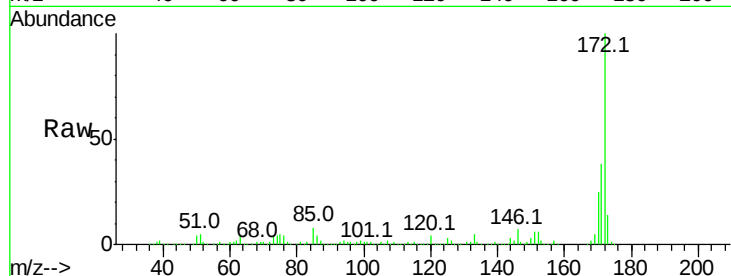




#44
 2-Fluorobiphenyl
 Concen: 104.721 ng
 RT: 14.15 min Scan# 1850
 Delta R.T. 0.00 min
 Lab File: BG033036.D
 Acq: 7 Mar 2018 00:56

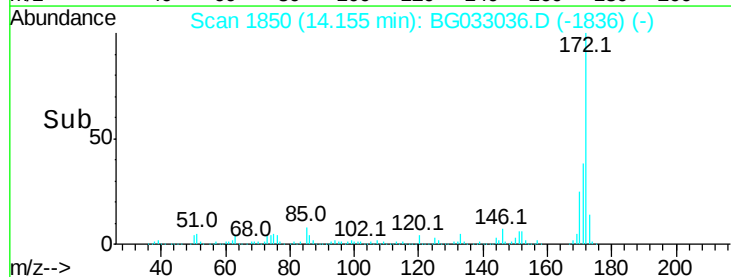
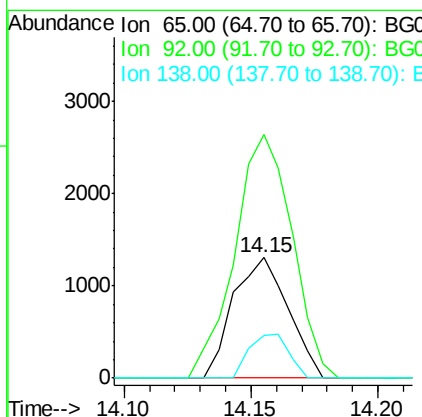
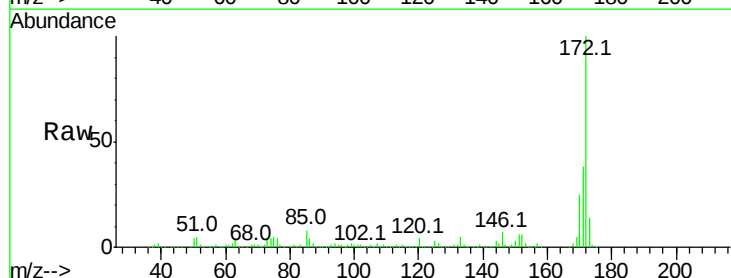
Instrument :
 BNA_G
 ClientSampleId :

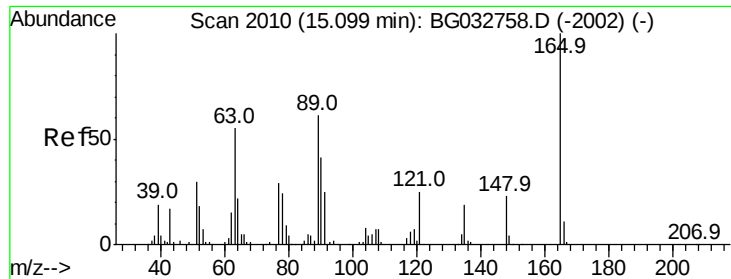
Tot Ion:172 Resp: 982483
 Ion Ratio Lower Upper
 172 100
 171 38.0 30.0 45.0
 170 25.2 19.5 29.3



#47
 2-Nitroaniline
 Concen: 10.539 ng
 RT: 14.15 min Scan# 1850
 Delta R.T. -0.45 min
 Lab File: BG033036.D
 Acq: 7 Mar 2018 00:56

Tgt Ion: 65 Resp: 1969
 Ion Ratio Lower Upper
 65 100
 92 201.9 54.6 82.0#
 138 35.2 72.9 109.3#





#50

2,6-Dinitrotoluene

Concen: 16.474 ng

RT: 15.52 min Scan# 2083

Delta R.T. 0.45 min

Lab File: BG033036.D

Acq: 7 Mar 2018 00:56

Instrument :

BNA_G

ClientSampleId :

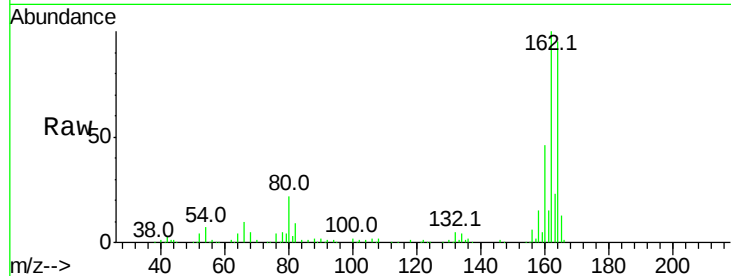
Tot Ion:165 Resp: 17684

Ion Ratio Lower Upper

165 100

63 1.6 52.7 79.1#

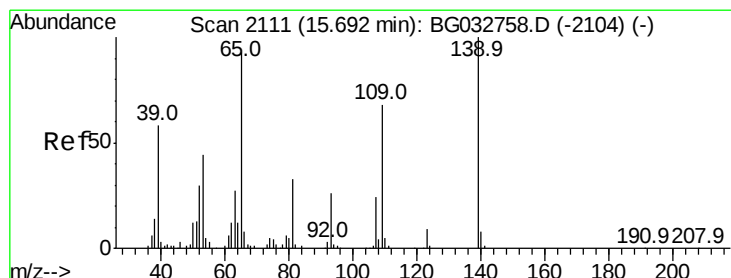
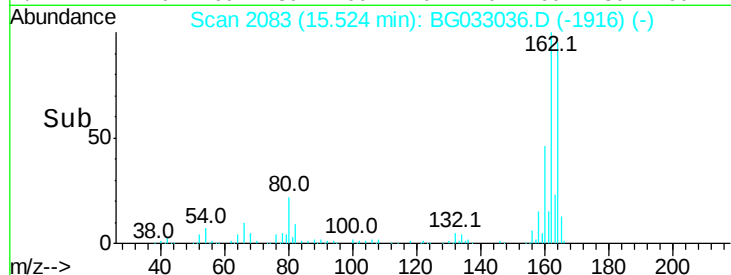
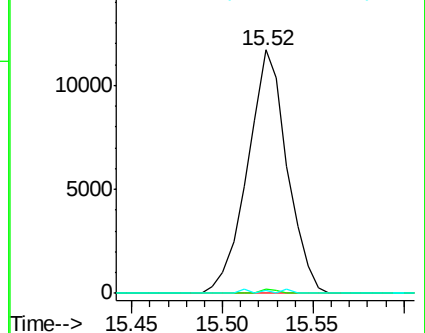
89 1.4 49.2 73.8#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC



#55

4-Nitrophenol

Concen: 7.106 ng

RT: 15.46 min Scan# 2073

Delta R.T. -0.21 min

Lab File: BG033036.D

Acq: 7 Mar 2018 00:56

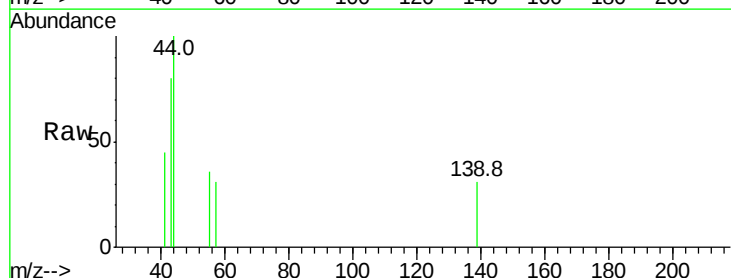
Tgt Ion:139 Resp: 53

Ion Ratio Lower Upper

139 100

109 0.0 62.2 102.2#

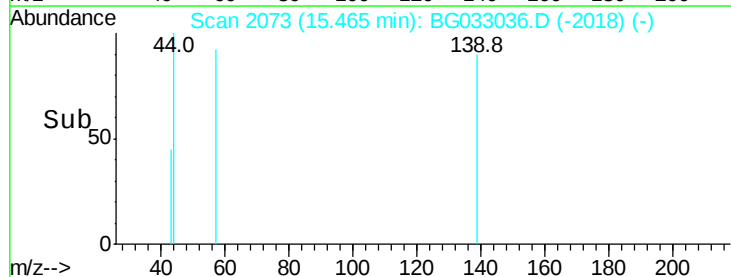
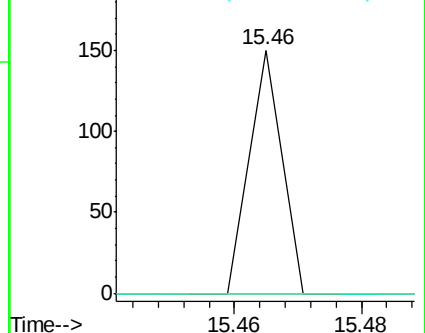
65 0.0 97.2 137.2#

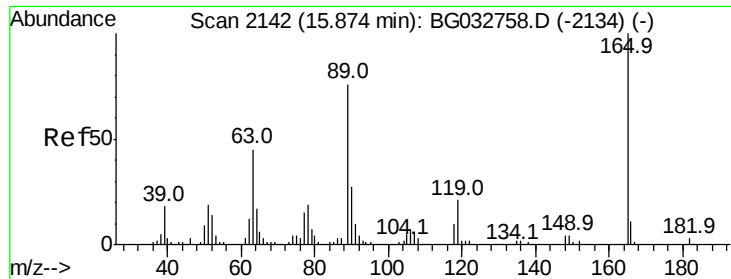


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

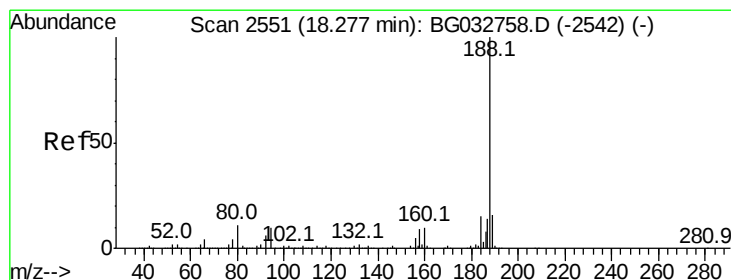
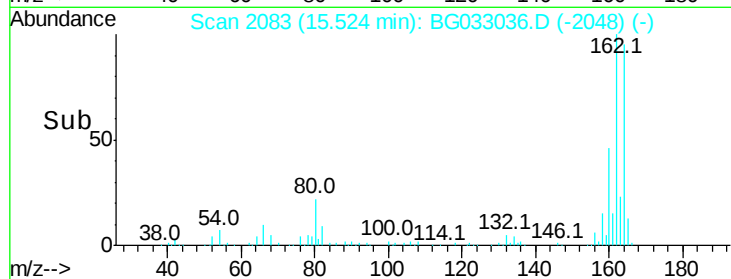
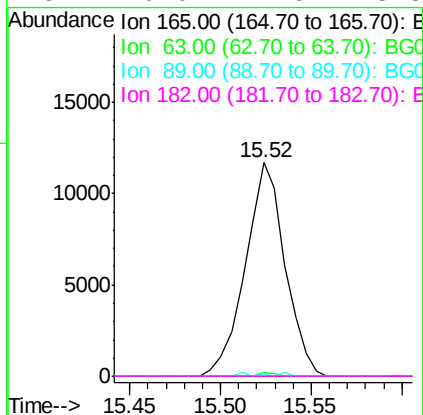
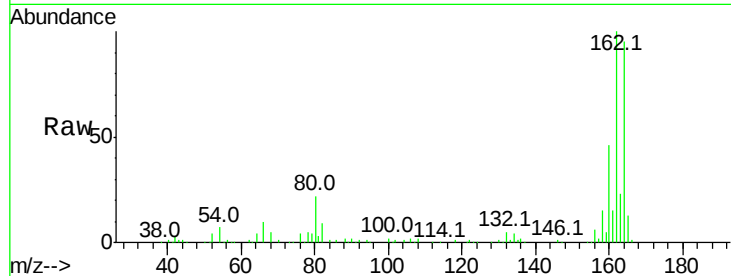




#56
 2,4-Dinitrotoluene
 Concen: 14.672 ng
 RT: 15.52 min Scan# 2083
 Delta R.T. -0.33 min
 Lab File: BG033036.D
 Acq: 7 Mar 2018 00:56

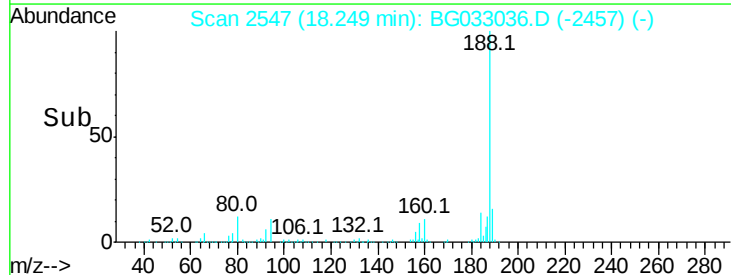
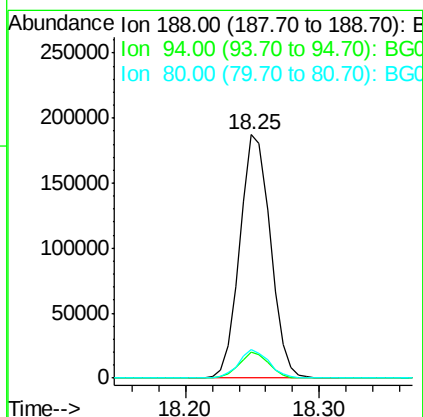
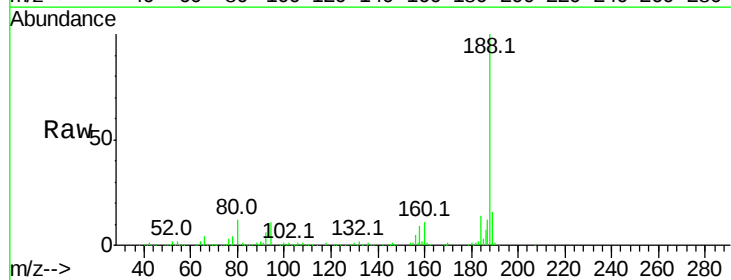
Instrument :
 BNA_G
 ClientSampleId :

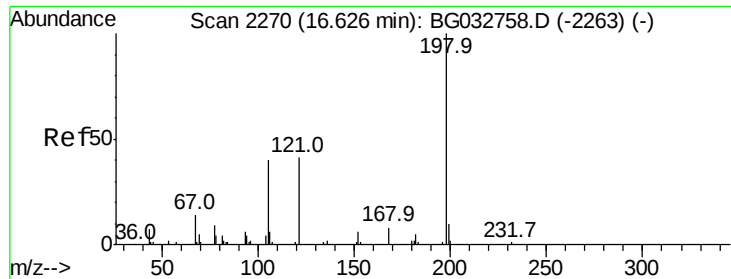
Tot Ion:	165	Resp:	17684
Ion	Ratio	Lower	Upper
165	100		
63	1.6	42.0	63.0#
89	1.4	66.9	100.3#
182	0.0	2.6	3.8#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.25 min Scan# 2547
 Delta R.T. -0.00 min
 Lab File: BG033036.D
 Acq: 7 Mar 2018 00:56

Tgt Ion:	188	Resp:	296968
Ion	Ratio	Lower	Upper
188	100		
94	10.6	6.9	10.3#
80	11.9	7.7	11.5#





#64

4,6-Dinitro-2-methylphenol

Concen: 6.007 ng

RT: 17.00 min Scan# 2334

Delta R.T. 0.39 min

Lab File: BG033036.D

Acq: 7 Mar 2018 00:56

Instrument :

BNA_G

ClientSampleId :

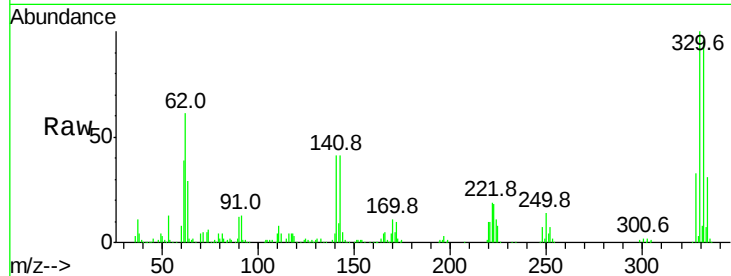
Tot Ion:198 Resp: 741

Ion Ratio Lower Upper

198 100

51 130.4 30.6 70.6#

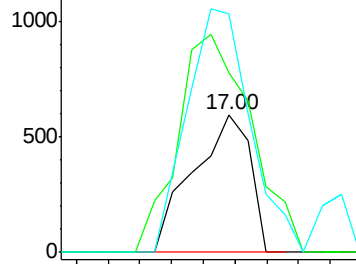
105 172.8 23.8 63.8#



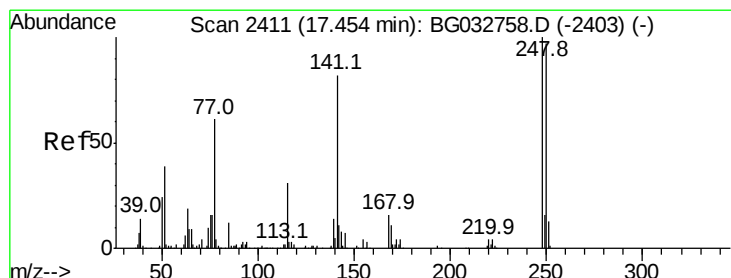
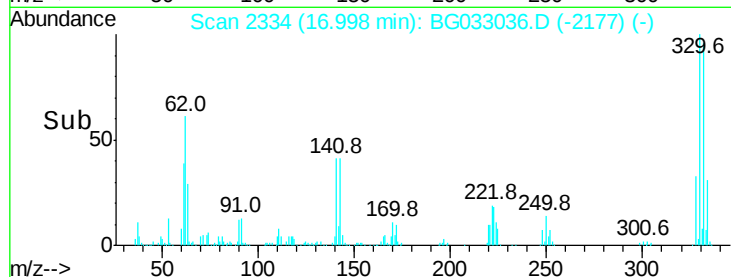
Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG0

Ion 105.00 (104.70 to 105.70): E



Time--> 16.95 17.00



#66

4-Bromophenyl-phenylether

Concen: 5.524 ng

RT: 16.99 min Scan# 2333

Delta R.T. -0.43 min

Lab File: BG033036.D

Acq: 7 Mar 2018 00:56

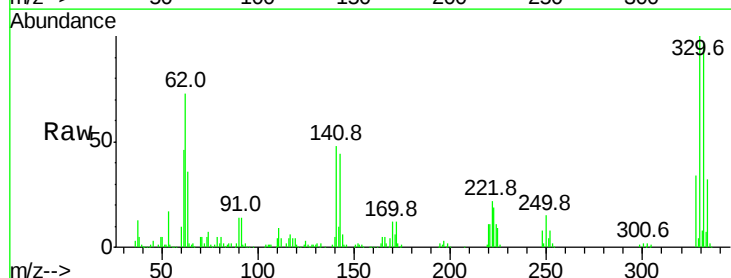
Tgt Ion:248 Resp: 17347

Ion Ratio Lower Upper

248 100

250 188.6 77.1 115.7#

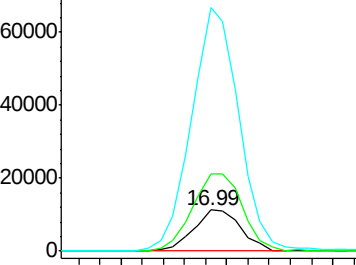
141 596.3 50.8 76.2#



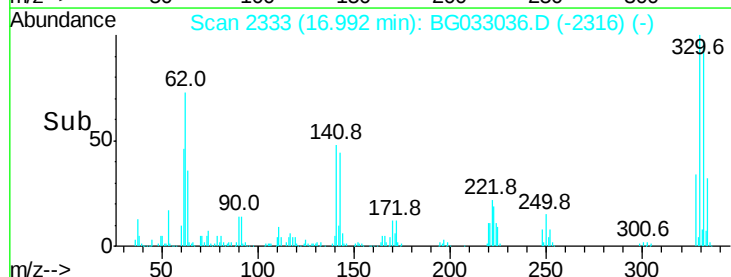
Abundance Ion 248.00 (247.70 to 248.70): E

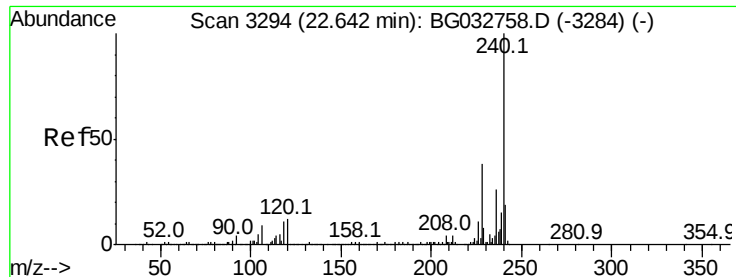
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



Time--> 16.95 17.00 17.05





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.61 min Scan# 3289

Delta R.T. -0.00 min

Lab File: BG033036.D

Acq: 7 Mar 2018 00:56

Instrument :

BNA_G

ClientSampleId :

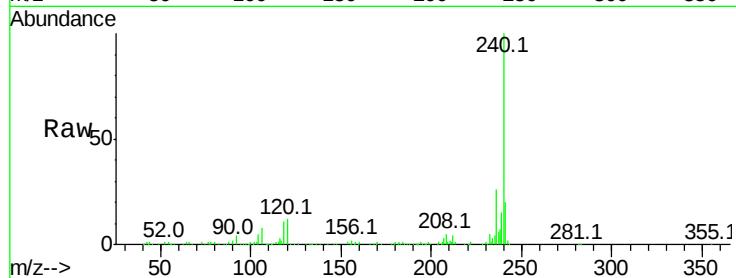
Tot Ion:240 Resp: 268986

Ion Ratio Lower Upper

240 100

120 12.3 6.8 10.2#

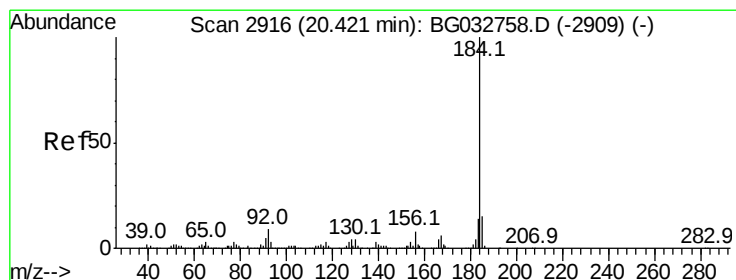
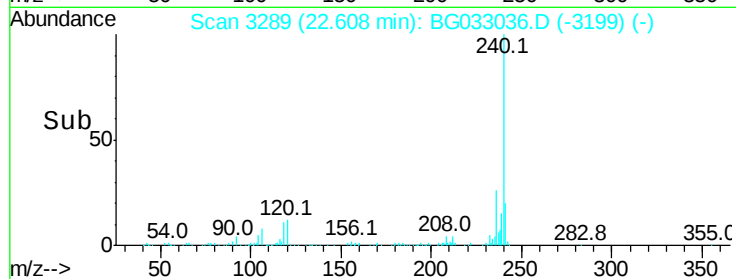
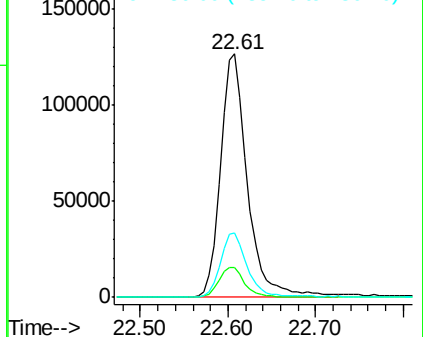
236 26.3 20.9 31.3



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



#76

Benzidine

Concen: 2.581 ng

RT: 20.77 min Scan# 2976

Delta R.T. 0.37 min

Lab File: BG033036.D

Acq: 7 Mar 2018 00:56

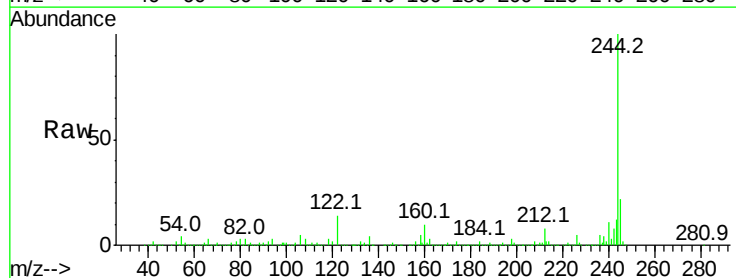
Tgt Ion:184 Resp: 23666

Ion Ratio Lower Upper

184 100

185 15.4 11.1 16.7

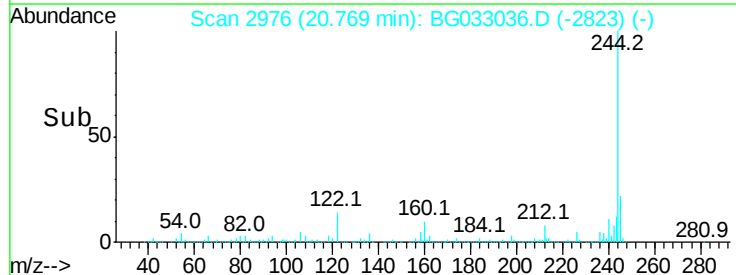
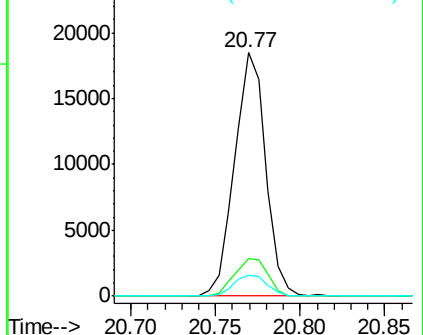
183 8.8 10.6 16.0#

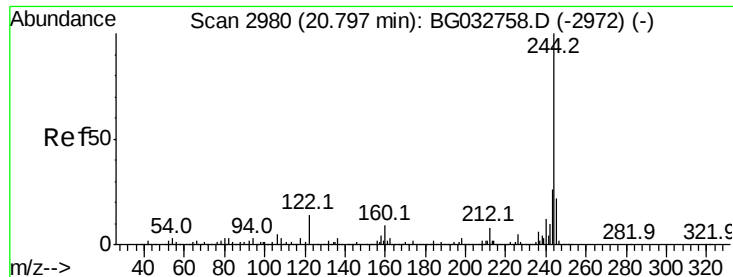


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#78

Terphenyl-d14

Concen: 110.537 ng

RT: 20.77 min Scan# 2976

Delta R.T. 0.00 min

Lab File: BG033036.D

Acq: 7 Mar 2018 00:56

Instrument :

BNA_G

ClientSampleId :

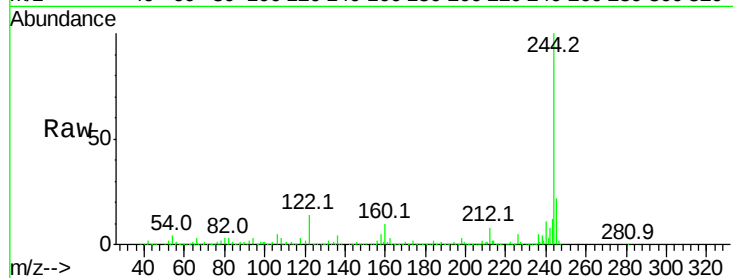
Tot Ion:244 Resp: 1323383

Ion Ratio Lower Upper

244 100

212 8.4 5.8 8.8

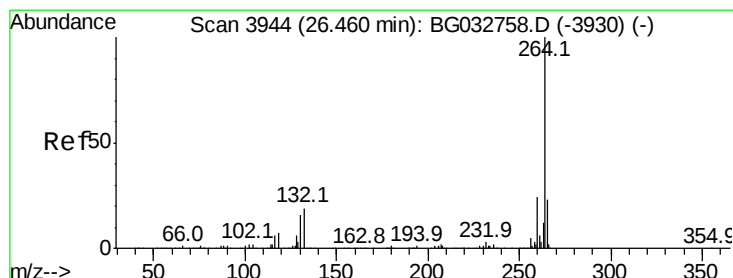
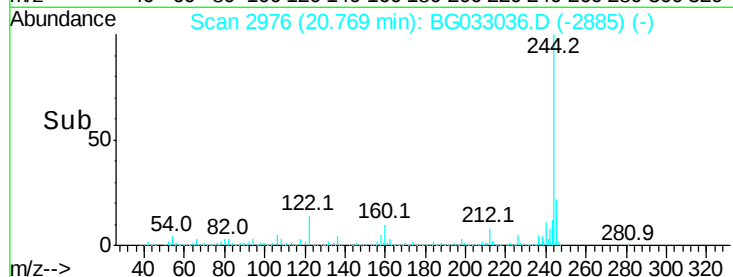
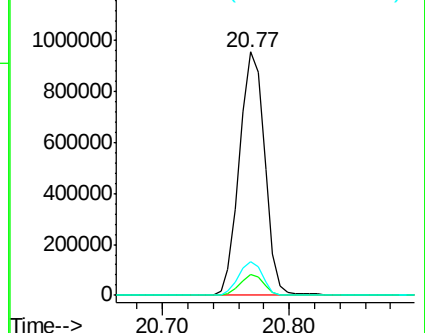
122 13.8 7.0 10.4#



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: 20.000 ng

RT: 26.41 min Scan# 3936

Delta R.T. 0.00 min

Lab File: BG033036.D

Acq: 7 Mar 2018 00:56

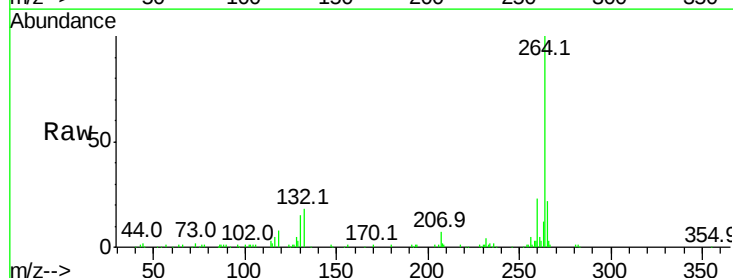
Tgt Ion:264 Resp: 235759

Ion Ratio Lower Upper

264 100

260 22.9 17.4 26.0

265 21.8 17.7 26.5



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

