

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120117\
 Data File : BG031325.D
 Acq On : 1 Dec 2017 19:39
 Operator : SJ/JU
 Sample : I6671-06
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ENV-106-1(40-50)

Quant Time: Dec 02 01:58:57 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG111017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 10 15:38:25 2017
 Response via : Initial Calibration

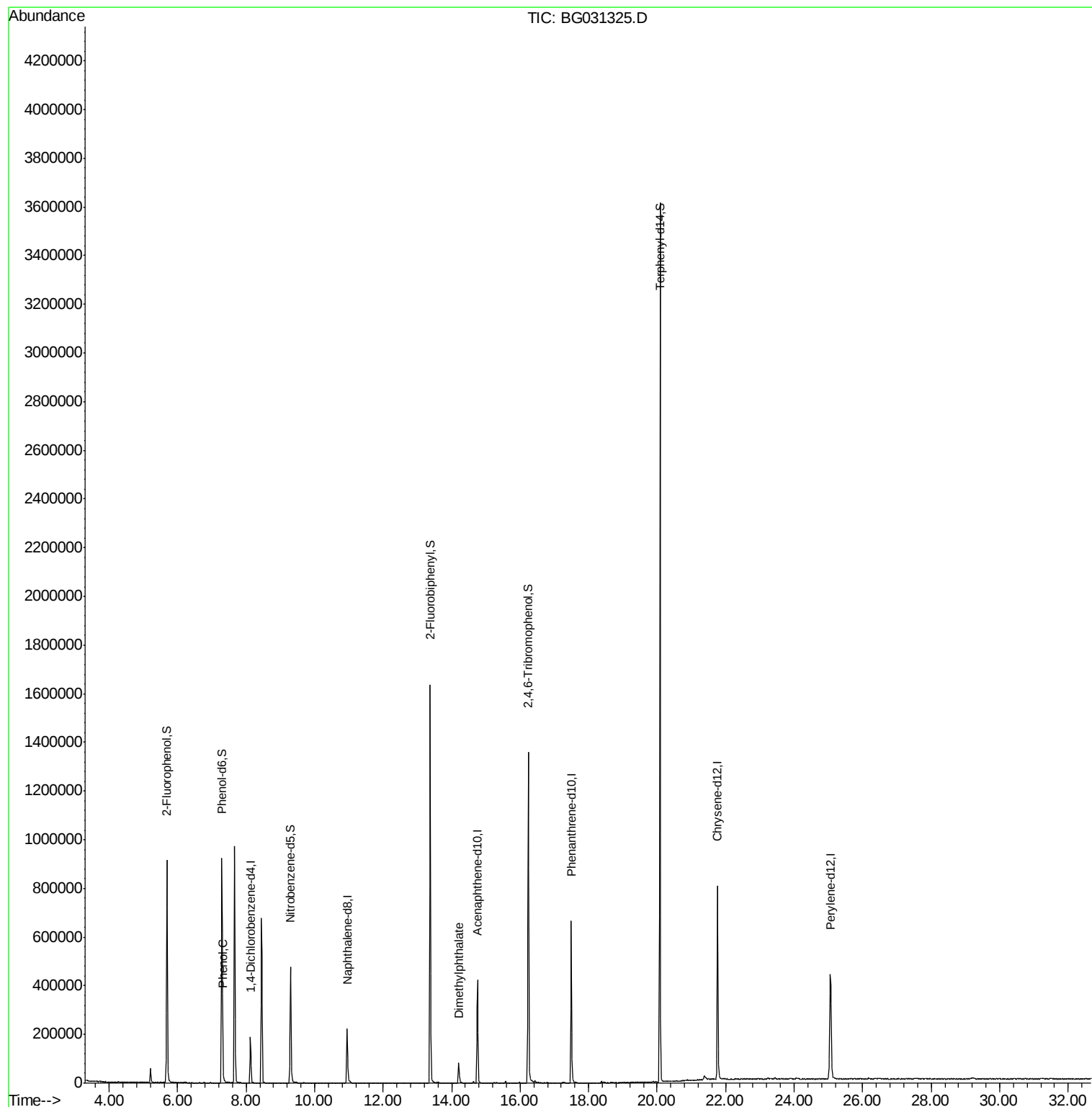
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	59068	20.00	ng	-0.03
21) Naphthalene-d8	10.95	136	254966	20.00	ng	-0.02
38) Acenaphthene-d10	14.75	164	170771	20.00	ng	-0.03
63) Phenanthrene-d10	17.49	188	468211	20.00	ng	-0.02
75) Chrysene-d12	21.76	240	539725	20.00	ng	-0.02
86) Perylene-d12	25.06	264	515847	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	476989	138.47	ng	-0.02
7) Phenol-d6	7.29	99	613894	132.28	ng	-0.01
23) Nitrobenzene-d5	9.30	82	342413	79.58	ng	-0.03
41) 2,4,6-Tribromophenol	16.24	330	303076	109.71	ng	-0.01
44) 2-Fluorobiphenyl	13.37	172	952824	80.17	ng	-0.03
78) Terphenyl-d14	20.08	244	1765664	72.24	ng	-0.01
Target Compounds						
10) Phenol	7.32	94	18893	3.92	ng	88
49) Dimethylphthalate	14.20	163	97951	6.63	ng	99

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.13 min Scan# 823

Delta R.T. -0.03 min

Lab File: BG031325.D

Acq: 1 Dec 2017 19:39

Instrument :

BNA_G

ClientSampleId :

ENV-106-1(40-50)

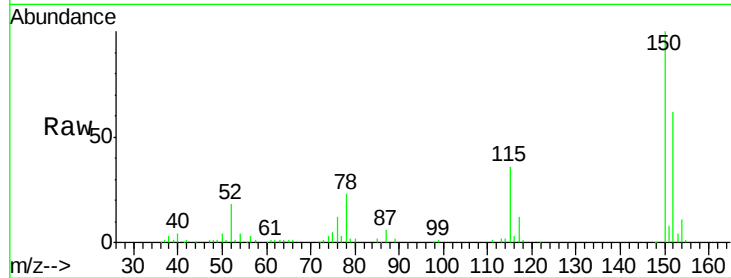
Tot Ion:152 Resp: 59068

Ion Ratio Lower Upper

152 100

150 162.3 126.6 189.8

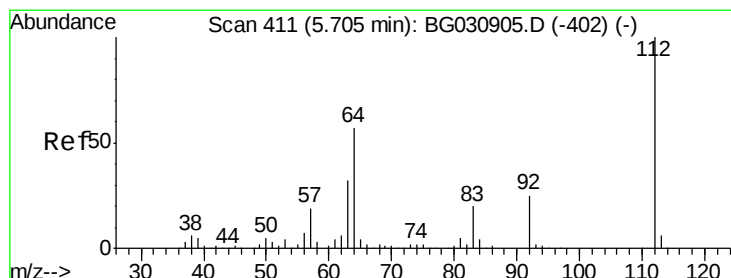
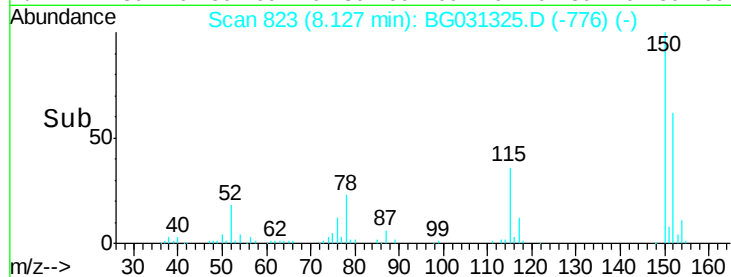
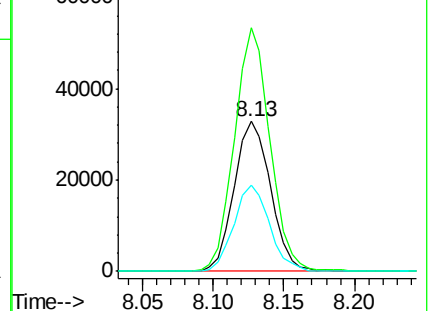
115 57.7 53.0 79.4



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: 138.47 ng

RT: 5.69 min Scan# 408

Delta R.T. -0.02 min

Lab File: BG031325.D

Acq: 1 Dec 2017 19:39

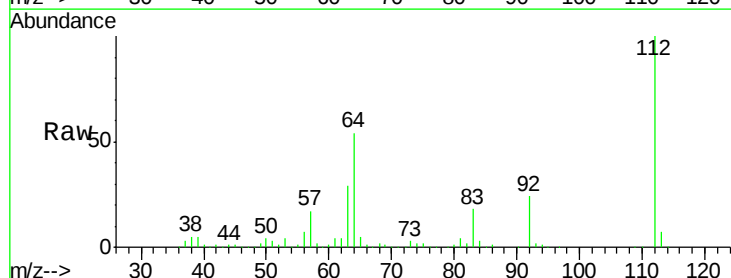
Tgt Ion:112 Resp: 476989

Ion Ratio Lower Upper

112 100

64 53.5 56.3 84.5#

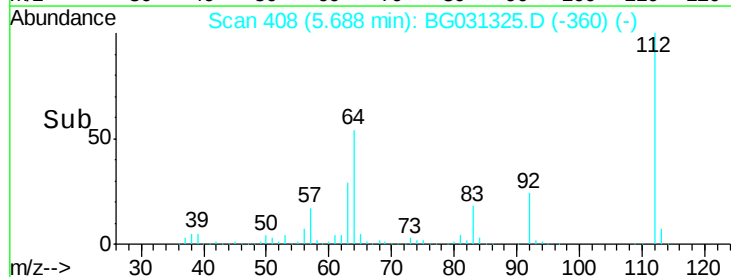
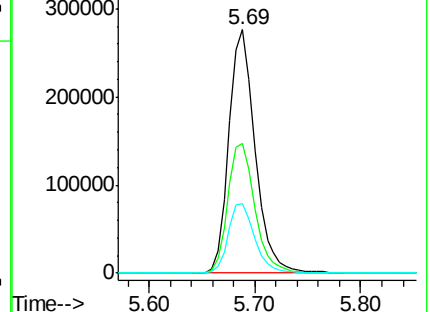
63 28.5 30.1 45.1#

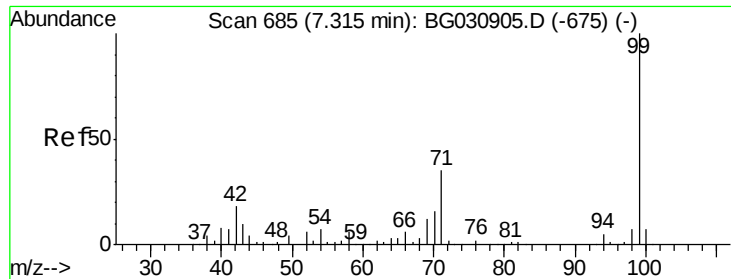


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 132.28 ng

RT: 7.29 min Scan# 681

Delta R.T. -0.01 min

Lab File: BG031325.D

Acq: 1 Dec 2017 19:39

Instrument :

BNA_G

ClientSampleId :

ENV-106-1(40-50)

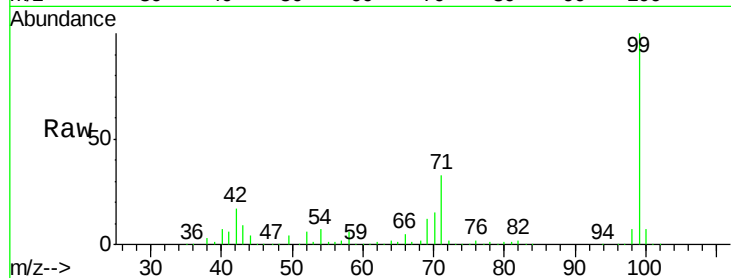
Tot Ion: 99 Resp: 613894

Ion Ratio Lower Upper

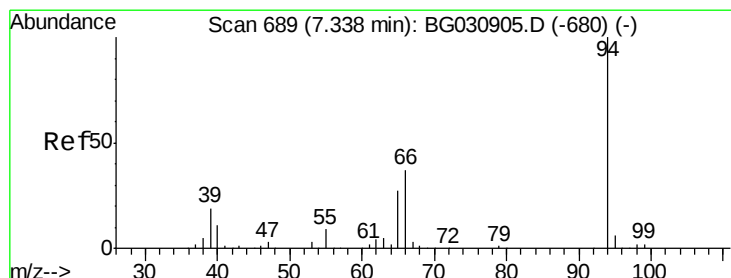
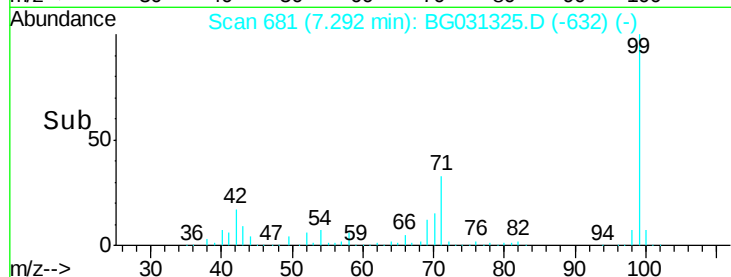
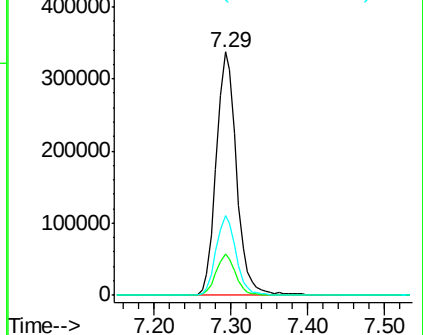
99 100

42 17.1 14.1 21.1

71 32.8 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



#10

Phenol

Concen: 3.92 ng

RT: 7.32 min Scan# 686

Delta R.T. -0.01 min

Lab File: BG031325.D

Acq: 1 Dec 2017 19:39

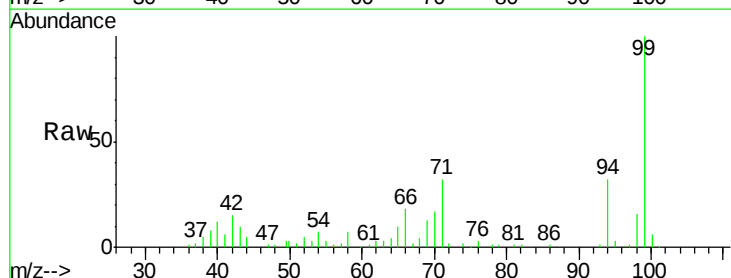
Tgt Ion: 94 Resp: 18893

Ion Ratio Lower Upper

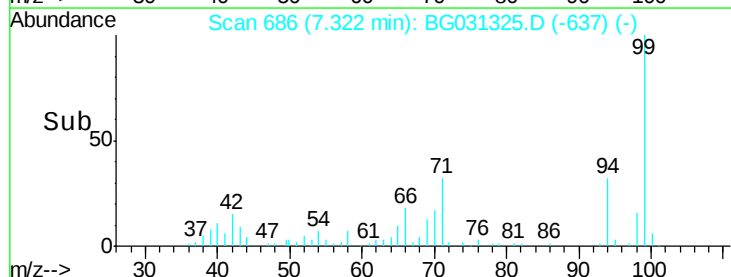
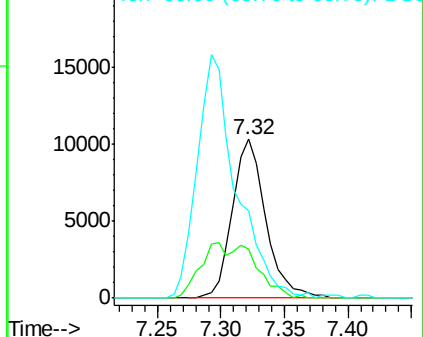
94 100

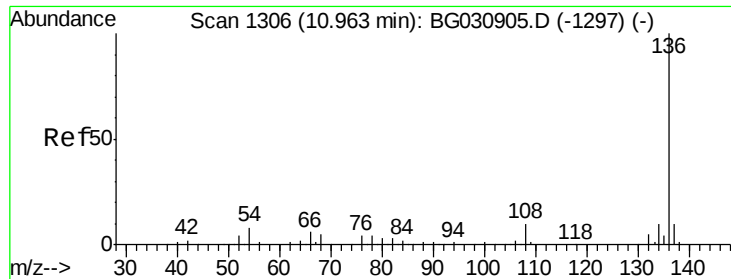
65 30.7 11.9 51.9

66 54.8 22.2 62.2



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

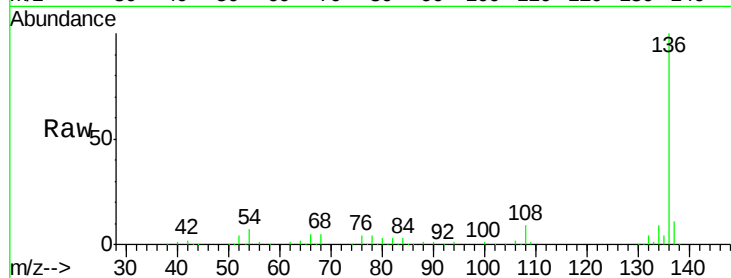




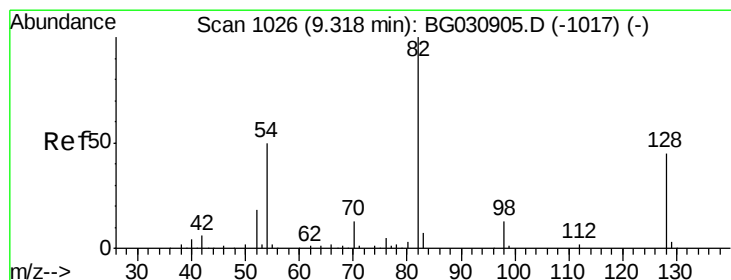
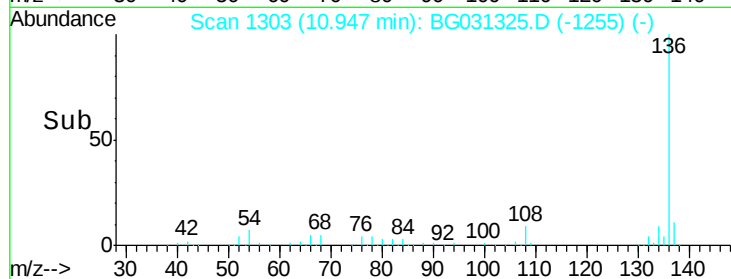
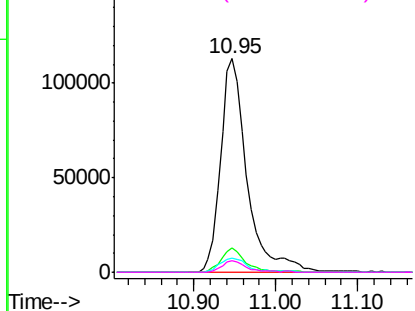
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.95 min Scan# 1303
Delta R.T. -0.02 min
Lab File: BG031325.D
Acq: 1 Dec 2017 19:39

Instrument :
BNA_G
ClientSampleId :
ENV-106-1(40-50)

Tot Ion:136	Resp:	254966
Ion Ratio	Lower	Upper
136	100	
137	11.4	9.2 13.8
54	6.7	10.3 15.5#
68	5.4	4.5 6.7

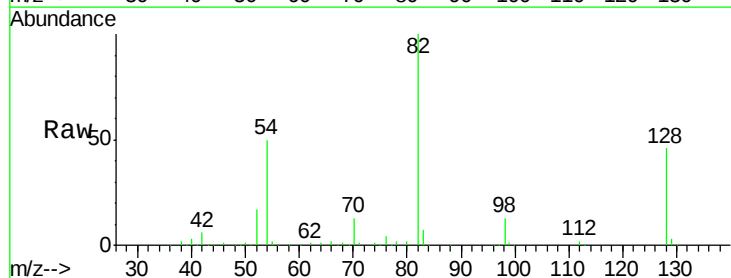


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

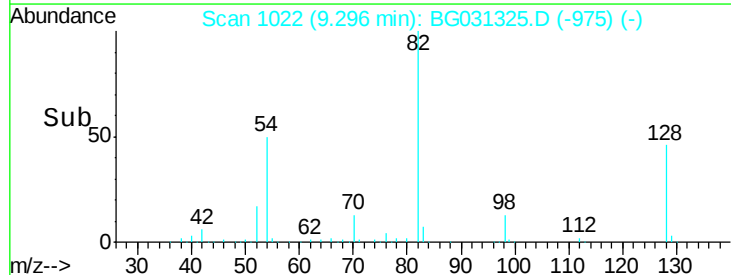
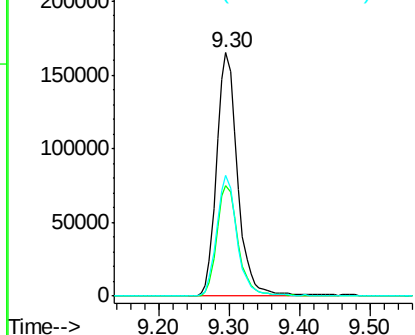


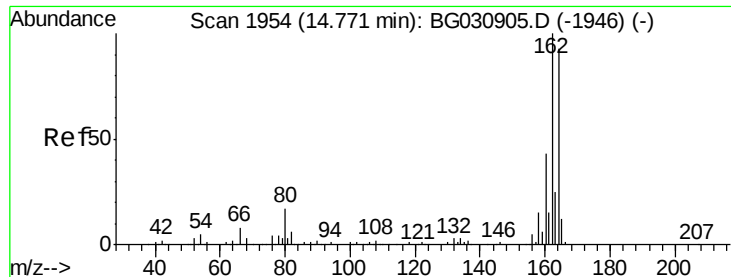
#23
Nitrobenzene-d5
Concen: 79.58 ng
RT: 9.30 min Scan# 1022
Delta R.T. -0.03 min
Lab File: BG031325.D
Acq: 1 Dec 2017 19:39

Tgt Ion: 82	Resp:	342413
Ion Ratio	Lower	Upper
82	100	
128	45.6	29.7 44.5#
54	49.8	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





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.75 min Scan# 1950

Delta R.T. -0.03 min

Lab File: BG031325.D

Acq: 1 Dec 2017 19:39

Instrument :

BNA_G

ClientSampleId :

ENV-106-1(40-50)

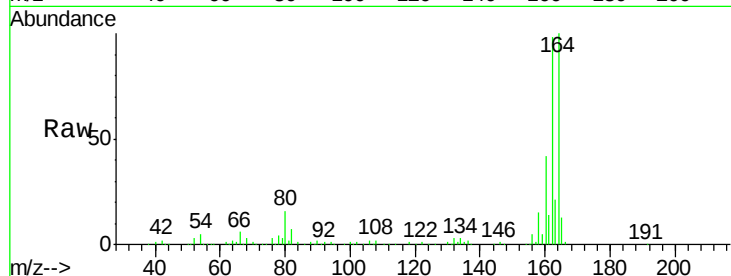
Tot Ion:164 Resp: 170771

Ion Ratio Lower Upper

164 100

162 98.2 78.8 118.2

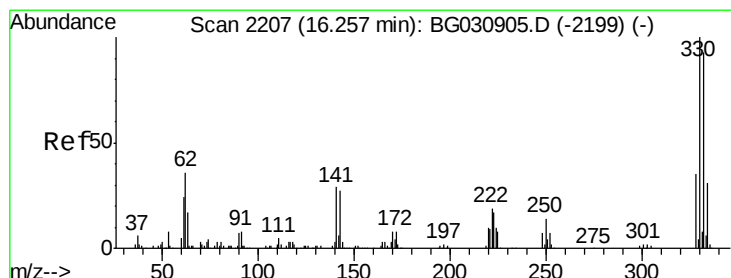
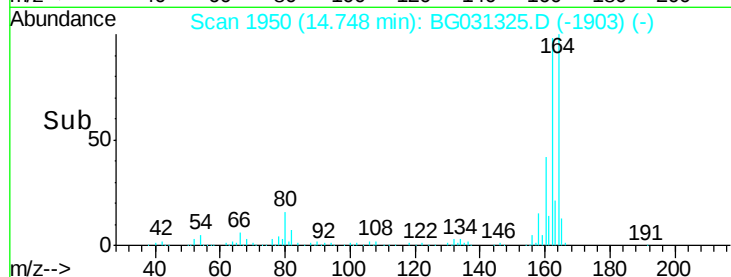
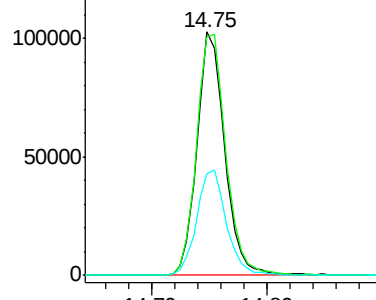
160 41.9 35.4 53.0



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: 109.71 ng

RT: 16.24 min Scan# 2204

Delta R.T. -0.01 min

Lab File: BG031325.D

Acq: 1 Dec 2017 19:39

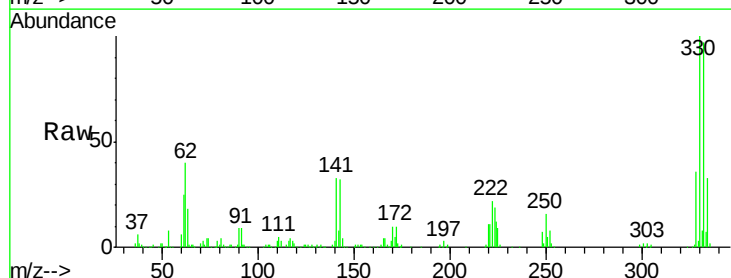
Tgt Ion:330 Resp: 303076

Ion Ratio Lower Upper

330 100

332 96.8 77.0 115.6

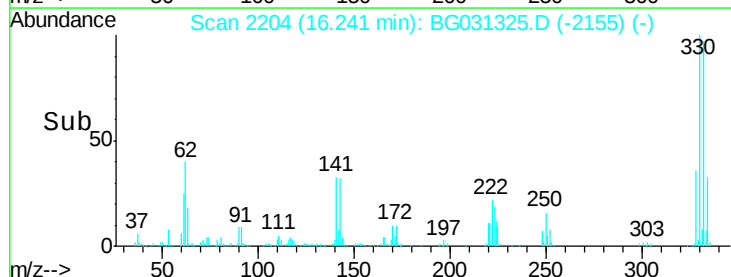
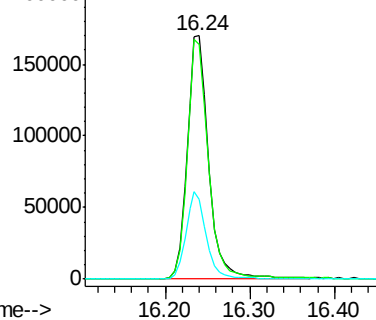
141 34.1 25.2 37.8

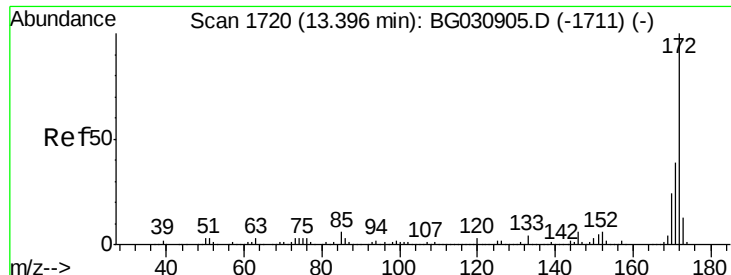


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

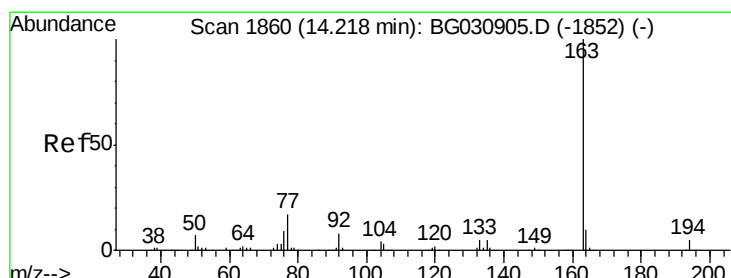
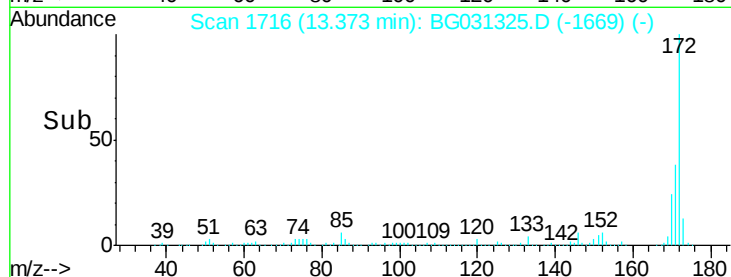
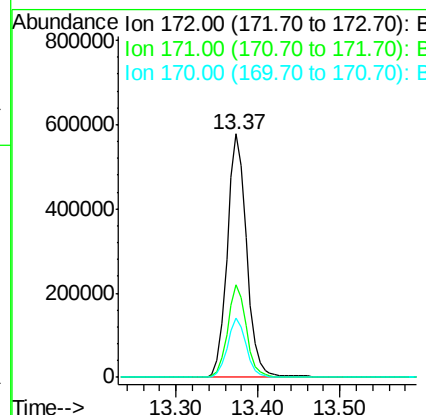
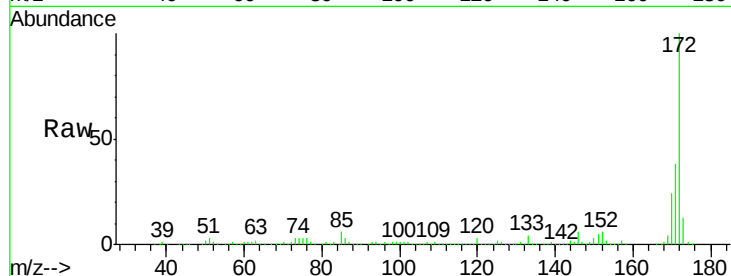




#44
2-Fluorobiphenyl
Concen: 80.17 ng
RT: 13.37 min Scan# 1716
Delta R.T. -0.03 min
Lab File: BG031325.D
Acq: 1 Dec 2017 19:39

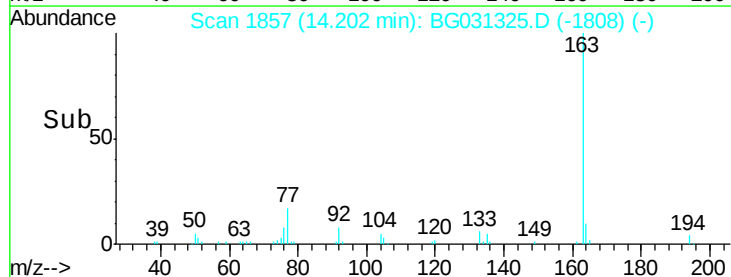
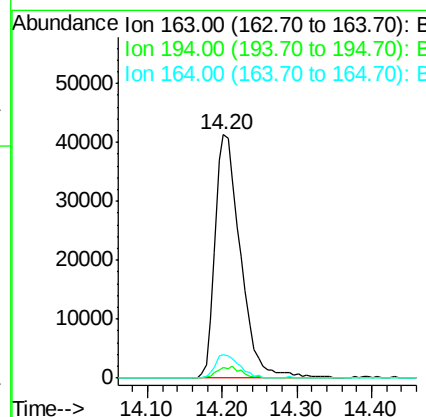
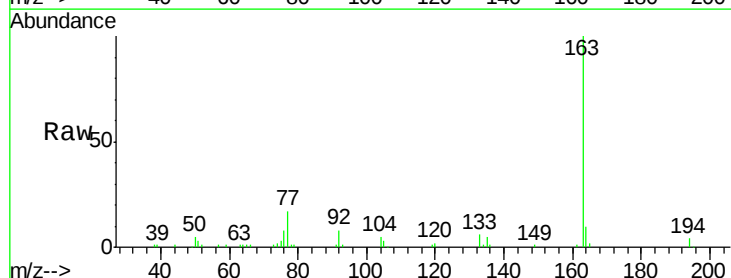
Instrument :
BNA_G
ClientSampleId :
ENV-106-1(40-50)

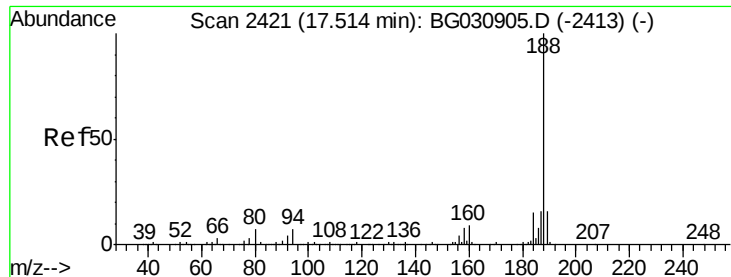
Tot Ion:172 Resp: 952824
Ion Ratio Lower Upper
172 100
171 38.2 30.0 45.0
170 24.5 19.5 29.3



#49
Dimethylphthalate
Concen: 6.63 ng
RT: 14.20 min Scan# 1857
Delta R.T. -0.01 min
Lab File: BG031325.D
Acq: 1 Dec 2017 19:39

Tgt Ion:163 Resp: 97951
Ion Ratio Lower Upper
163 100
194 4.5 3.4 5.2
164 9.8 8.2 12.4

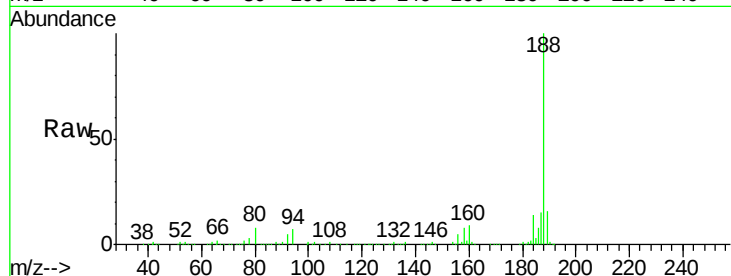




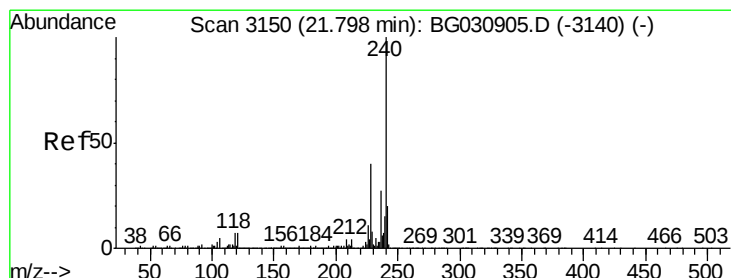
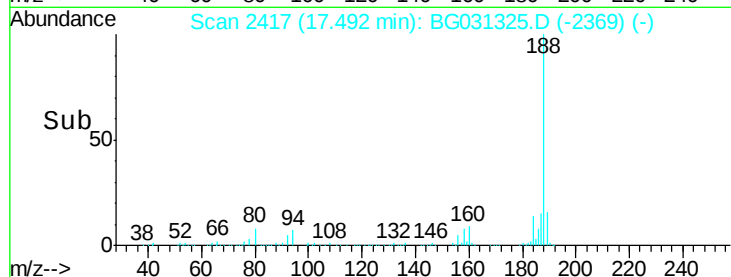
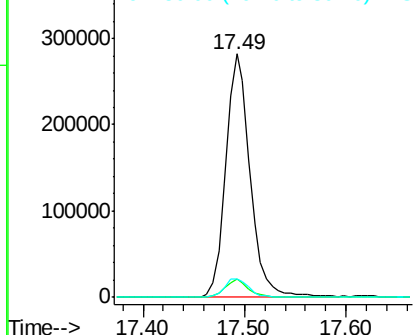
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.49 min Scan# 2417
Delta R.T. -0.02 min
Lab File: BG031325.D
Acq: 1 Dec 2017 19:39

Instrument :
BNA_G
ClientSampleId :
ENV-106-1(40-50)

Tot Ion:188 Resp: 468211
Ion Ratio Lower Upper
188 100
94 7.3 6.9 10.3
80 7.8 7.7 11.5

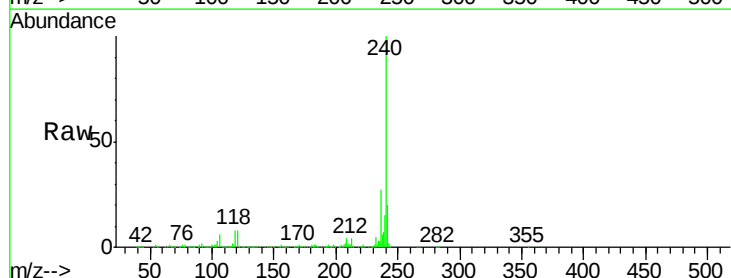


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

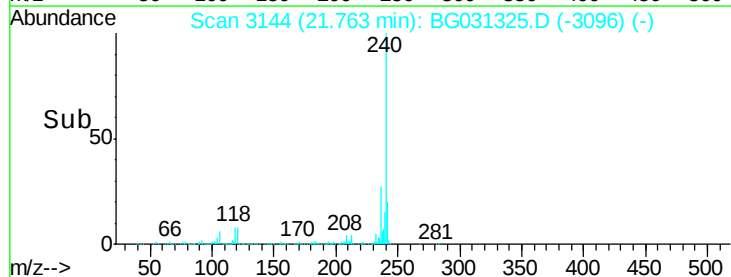
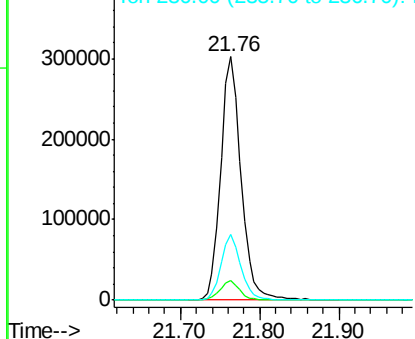


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.76 min Scan# 3144
Delta R.T. -0.02 min
Lab File: BG031325.D
Acq: 1 Dec 2017 19:39

Tgt Ion:240 Resp: 539725
Ion Ratio Lower Upper
240 100
120 8.1 6.8 10.2
236 27.1 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





#78

Terphenyl-d14

Concen: 72.24 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BG031325.D

Acq: 1 Dec 2017 19:39

Instrument :

BNA_G

ClientSampleId :

ENV-106-1(40-50)

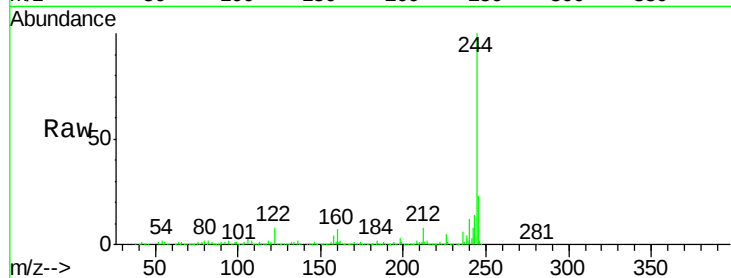
Tot Ion:244 Resp: 1765664

Ion	Ratio	Lower	Upper
244	100		
212	8.2	5.8	8.8
122	8.4	7.0	10.4

244 100

212 8.2 5.8 8.8

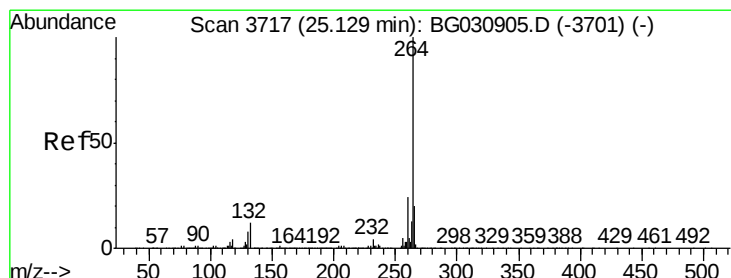
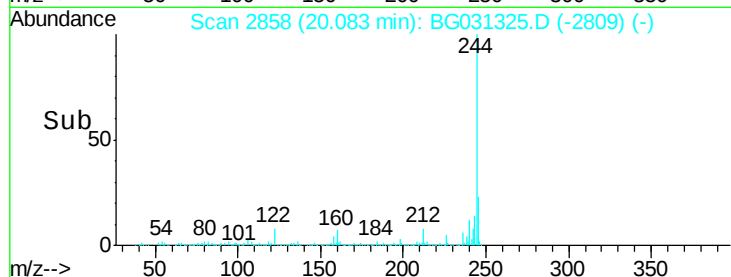
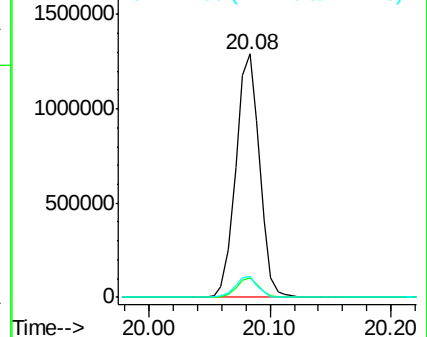
122 8.4 7.0 10.4



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: 20.00 ng

RT: 25.06 min Scan# 3705

Delta R.T. -0.03 min

Lab File: BG031325.D

Acq: 1 Dec 2017 19:39

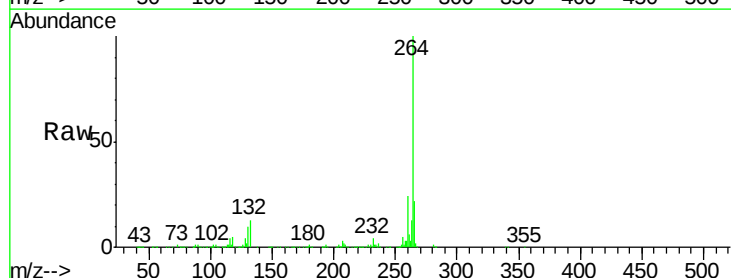
Tgt Ion:264 Resp: 515847

Ion	Ratio	Lower	Upper
264	100		
260	23.7	17.4	26.0
265	21.5	17.7	26.5

264 100

260 23.7 17.4 26.0

265 21.5 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

