

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061016\
 Data File : BG022309.D
 Acq On : 11 Jun 2016 5:56
 Operator : UM/SJ
 Sample : H3448-17
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 9-VE-PILE-WALL(0-2)

Quant Time: Jun 12 02:56:00 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 06 16:12:45 2016
 Response via : Initial Calibration

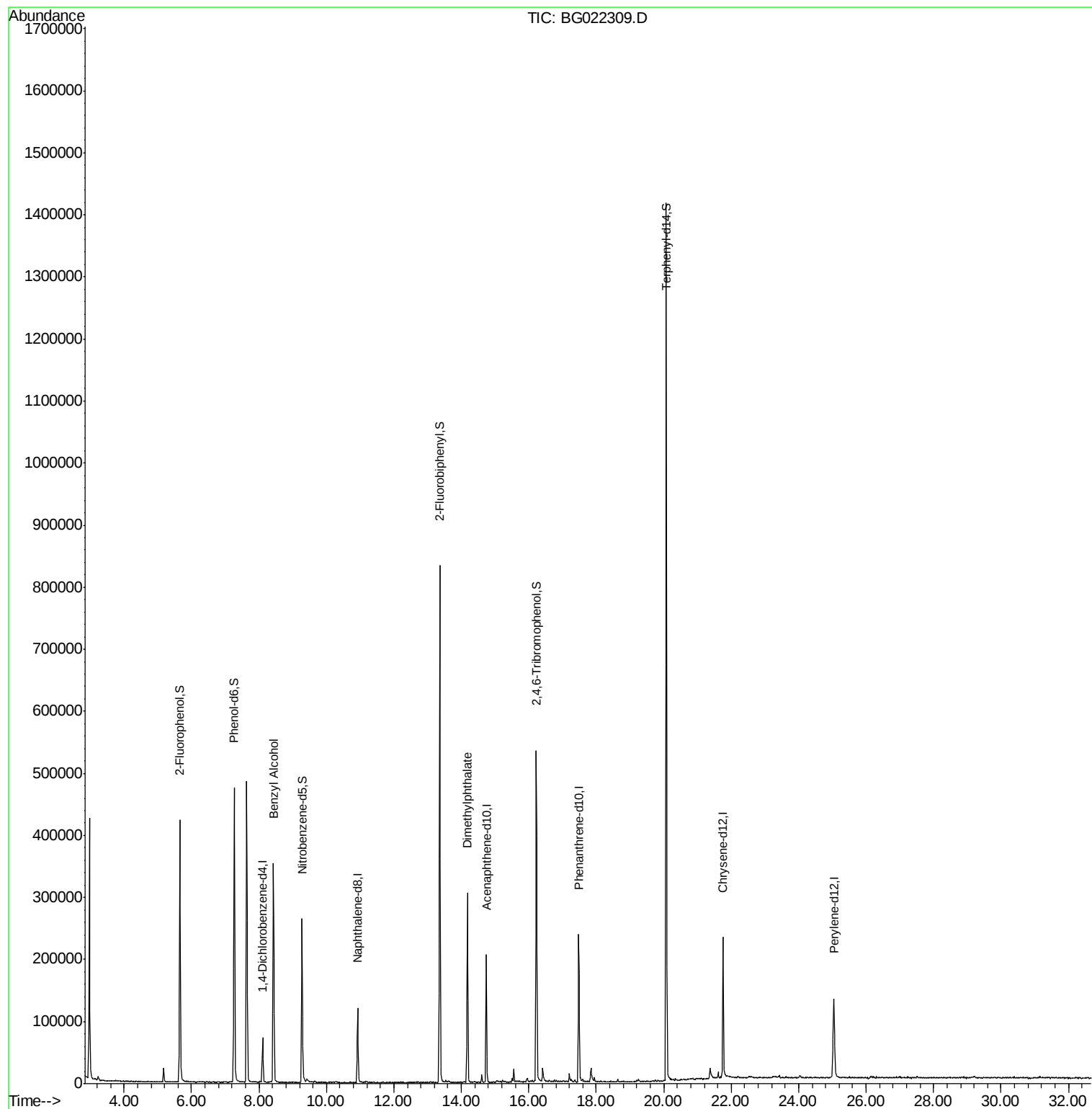
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	27123	20.00	ng	-0.02
21) Naphthalene-d8	10.93	136	134397	20.00	ng	0.00
38) Acenaphthene-d10	14.74	164	79433	20.00	ng	-0.01
63) Phenanthrene-d10	17.48	188	167860	20.00	ng	-0.01
75) Chrysene-d12	21.76	240	149081	20.00	ng	-0.01
86) Perylene-d12	25.04	264	141590	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	267173	190.45	ng	-0.01
7) Phenol-d6	7.27	99	390421	177.01	ng	0.00
23) Nitrobenzene-d5	9.28	82	213840	110.93	ng	-0.01
41) 2,4,6-Tribromophenol	16.23	330	115598	128.79	ng	0.00
44) 2-Fluorobiphenyl	13.36	172	493301	94.64	ng	0.00
78) Terphenyl-d14	20.08	244	638201	101.63	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.43	79	2945	2.07	ng	Qvalue # 47
49) Dimethylphthalate	14.18	163	243371	36.95	ng	98

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.10 min Scan# 896

Delta R.T. -0.02 min

Lab File: BG022309.D

Acq: 11 Jun 2016 5:56

Instrument :

BNA_G

ClientSampleId :

9-VE-PILE-WALL(0-2)

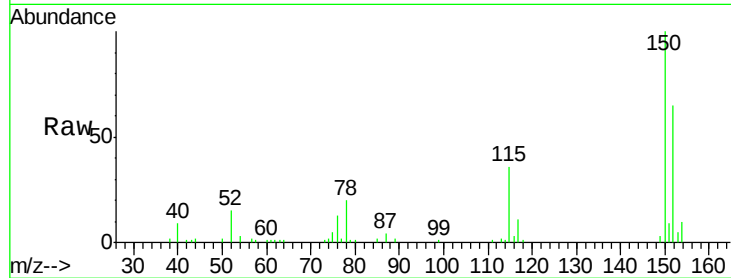
Tgt Ion:152 Resp: 27123

Ion Ratio Lower Upper

152 100

150 153.6 130.1 195.1

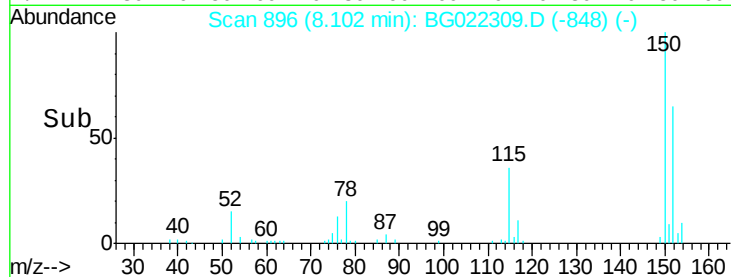
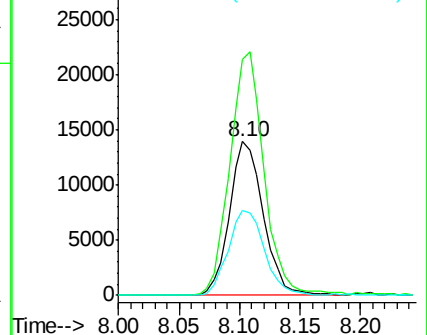
115 55.0 62.2 93.2#



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: 190.45 ng

RT: 5.65 min Scan# 479

Delta R.T. -0.01 min

Lab File: BG022309.D

Acq: 11 Jun 2016 5:56

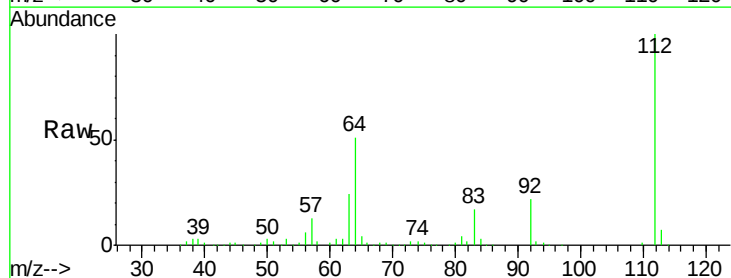
Tgt Ion:112 Resp: 267173

Ion Ratio Lower Upper

112 100

64 51.0 51.1 76.7#

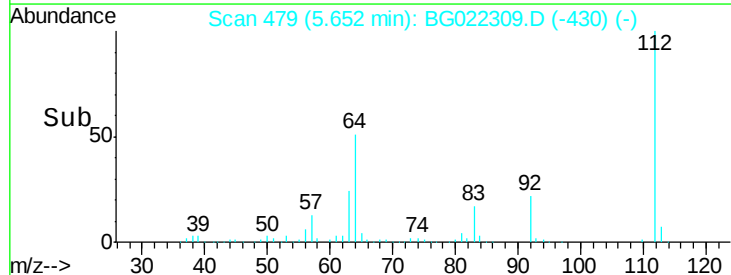
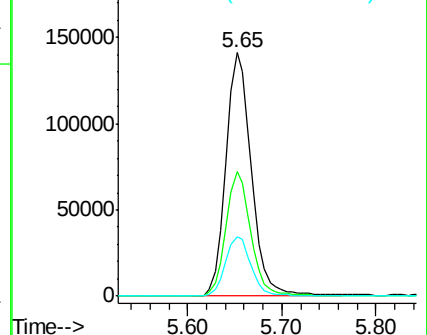
63 24.5 24.6 37.0#



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: 177.01 ng

RT: 7.27 min Scan# 754

Delta R.T. -0.01 min

Lab File: BG022309.D

Acq: 11 Jun 2016 5:56

Instrument :

BNA_G

ClientSampleId :

9-VE-PILE-WALL(0-2)

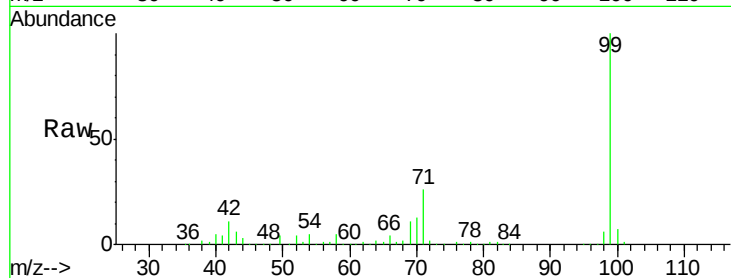
Tgt Ion: 99 Resp: 390421

Ion Ratio Lower Upper

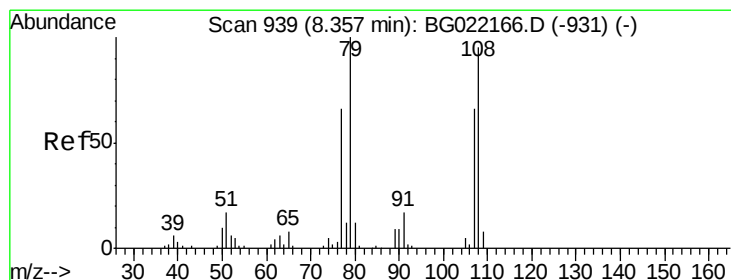
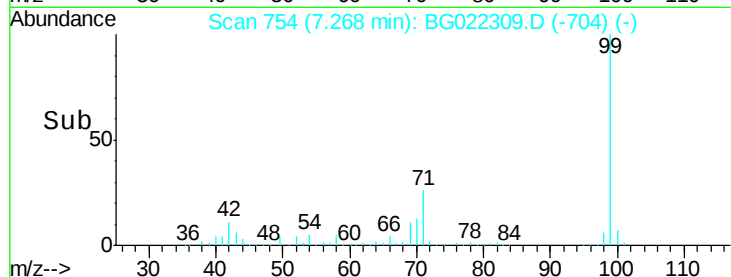
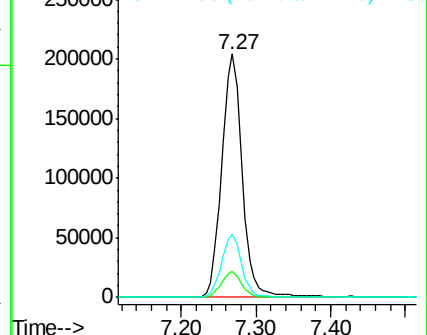
99 100

42 10.6 16.4 24.6#

71 25.9 25.0 37.4



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



#15

Benzyl Alcohol

Concen: 2.07 ng

RT: 8.43 min Scan# 952

Delta R.T. 0.07 min

Lab File: BG022309.D

Acq: 11 Jun 2016 5:56

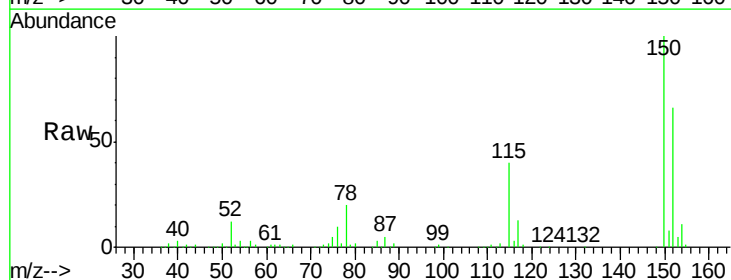
Tgt Ion: 79 Resp: 2945

Ion Ratio Lower Upper

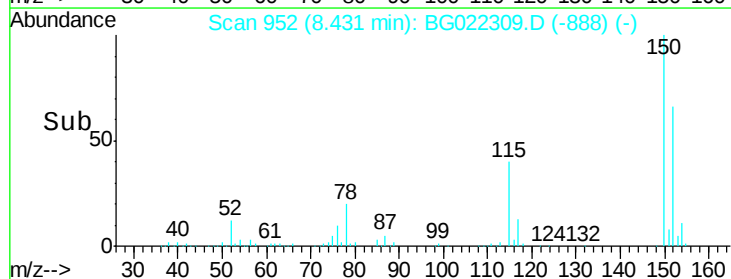
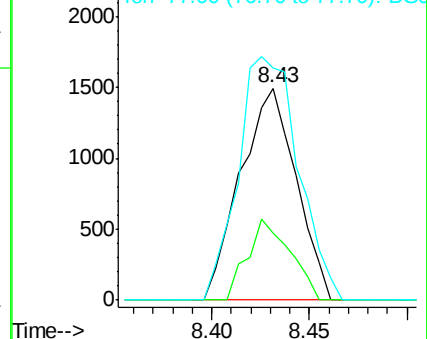
79 100

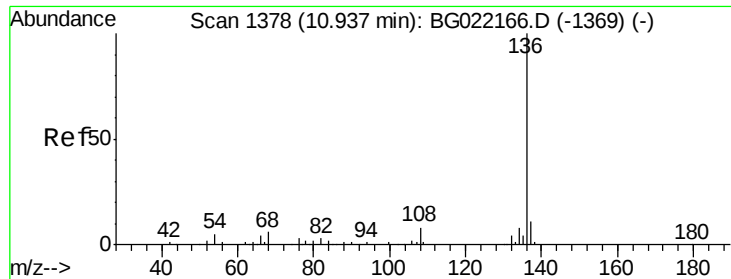
108 31.6 59.4 89.0#

77 109.6 52.2 78.2#



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

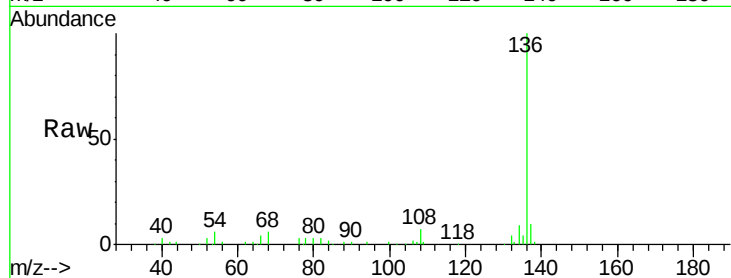




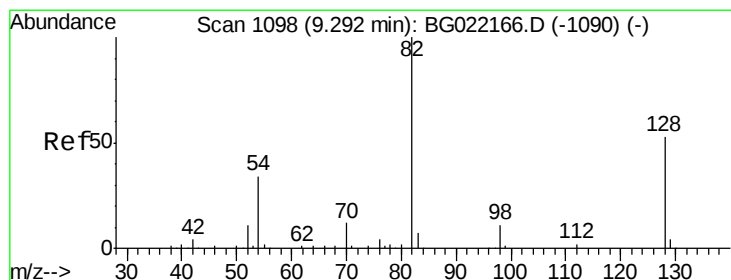
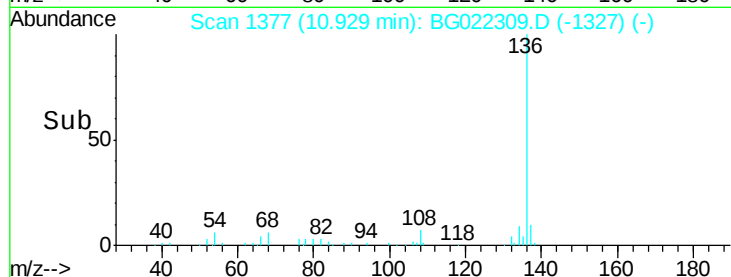
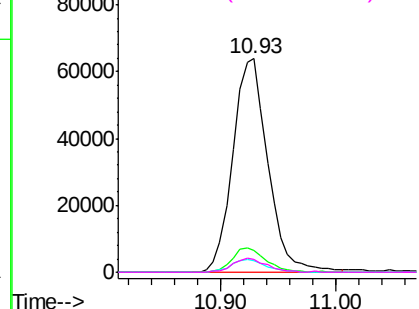
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.93 min Scan# 1377
Delta R.T. -0.01 min
Lab File: BG022309.D
Acq: 11 Jun 2016 5:56

Instrument :
BNA_G
ClientSampleId :
9-VE-PILE-WALL(0-2)

Tgt Ion:	136	Resp:	134397
Ion	Ratio	Lower	Upper
136	100		
137	10.2	9.0	13.4
54	5.7	9.6	14.4#
68	6.0	6.4	9.6#

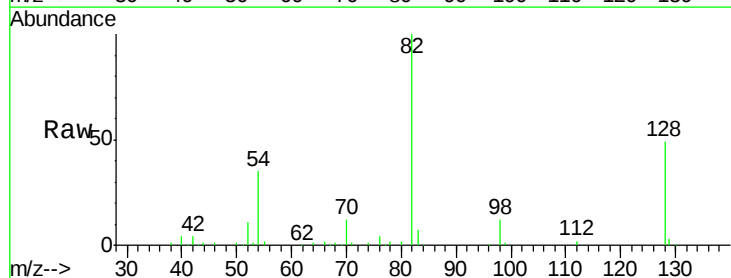


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

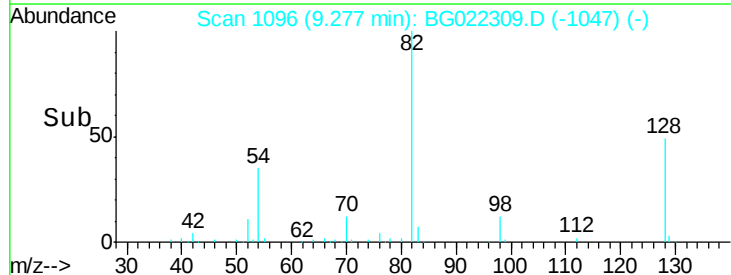
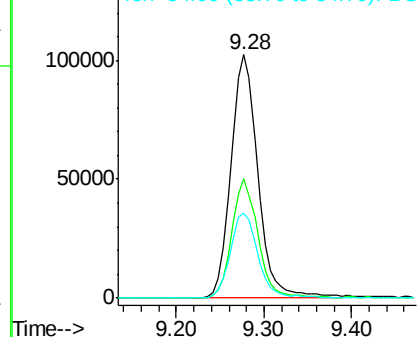


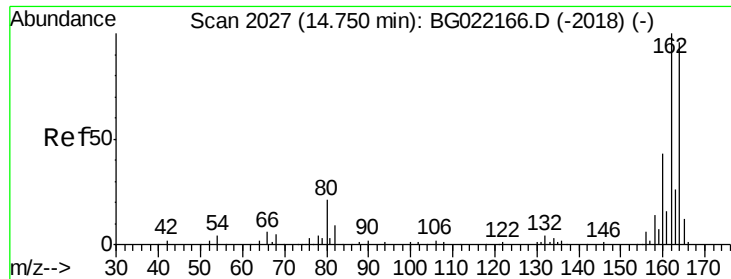
#23
Nitrobenzene-d5
Concen: 110.93 ng
RT: 9.28 min Scan# 1096
Delta R.T. -0.01 min
Lab File: BG022309.D
Acq: 11 Jun 2016 5:56

Tgt Ion:	82	Resp:	213840
Ion	Ratio	Lower	Upper
82	100		
128	49.0	33.4	50.0
54	34.9	46.1	69.1#



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





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.74 min Scan# 2025

Delta R.T. -0.01 min

Lab File: BG022309.D

Acq: 11 Jun 2016 5:56

Instrument :

BNA_G

ClientSampleId :

9-VE-PILE-WALL(0-2)

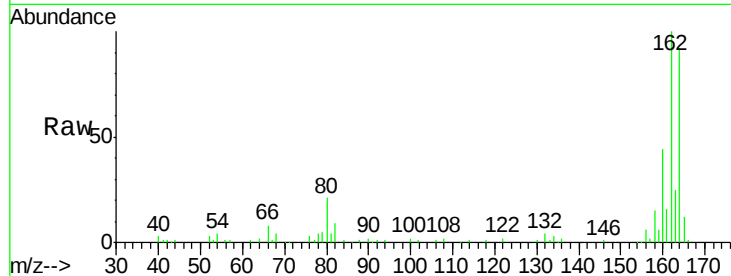
Tgt Ion:164 Resp: 79433

Ion Ratio Lower Upper

164 100

162 108.9 78.0 117.0

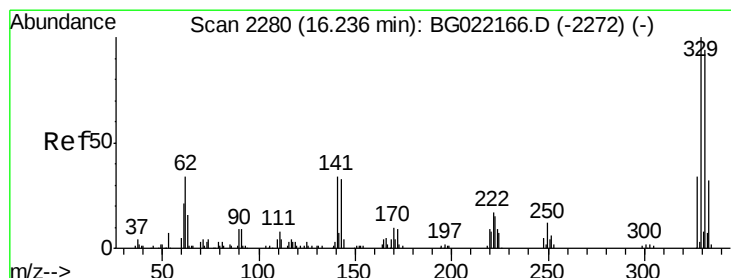
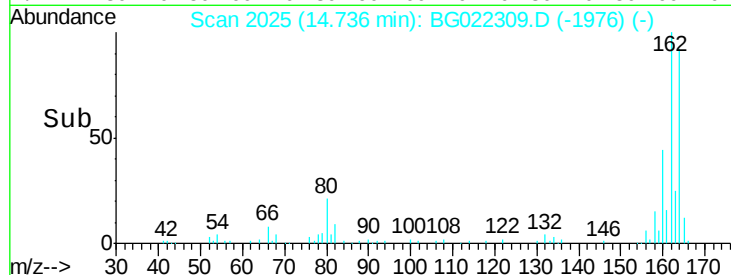
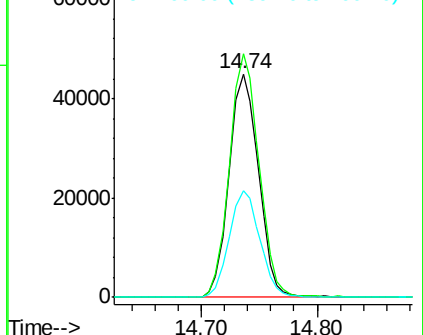
160 47.4 32.9 49.3



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: 128.79 ng

RT: 16.23 min Scan# 2279

Delta R.T. -0.01 min

Lab File: BG022309.D

Acq: 11 Jun 2016 5:56

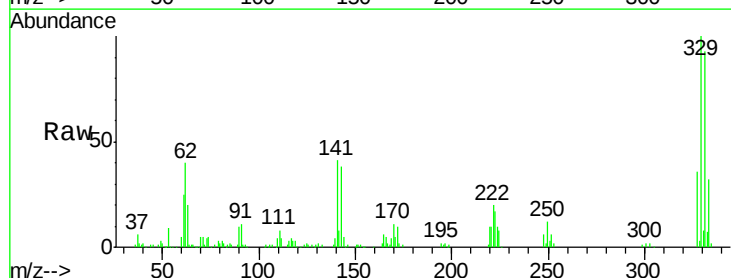
Tgt Ion:330 Resp: 115598

Ion Ratio Lower Upper

330 100

332 97.6 78.0 117.0

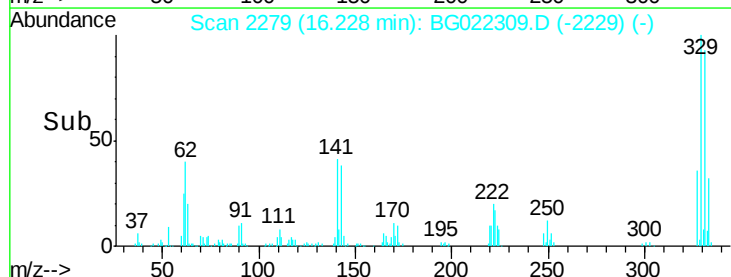
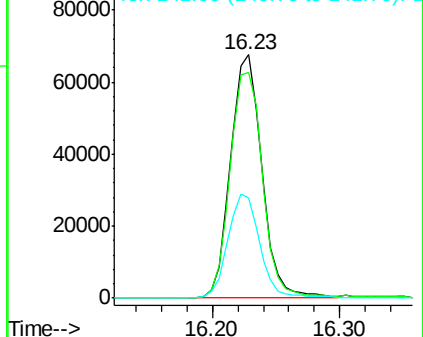
141 43.6 33.8 50.8

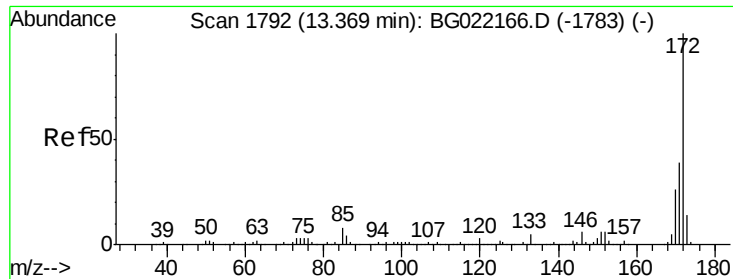


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

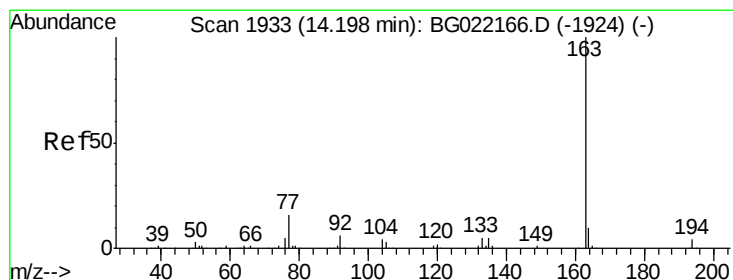
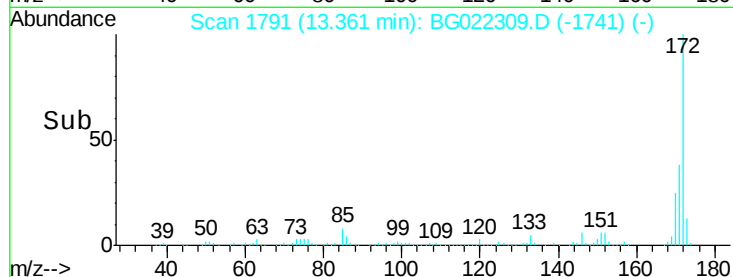
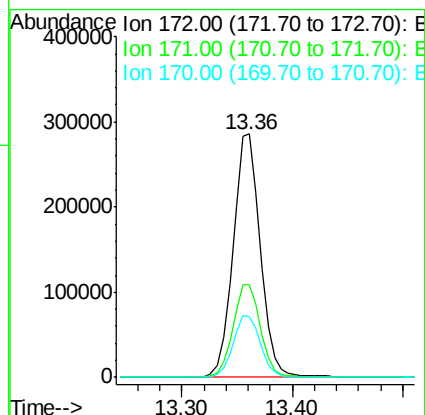
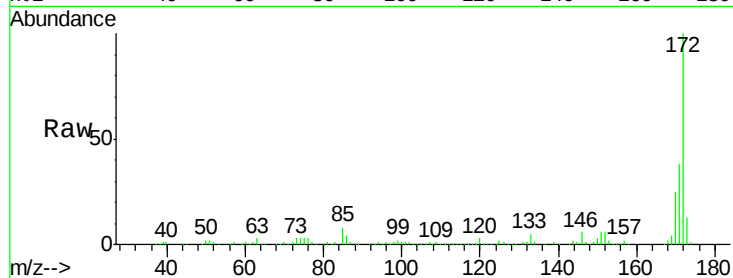




#44
2-Fluorobiphenyl
Concen: 94.64 ng
RT: 13.36 min Scan# 1791
Delta R.T. -0.01 min
Lab File: BG022309.D
Acq: 11 Jun 2016 5:56

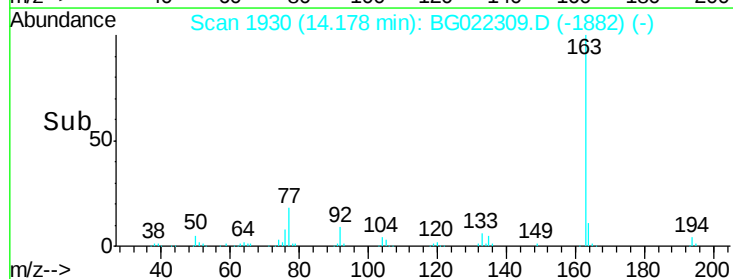
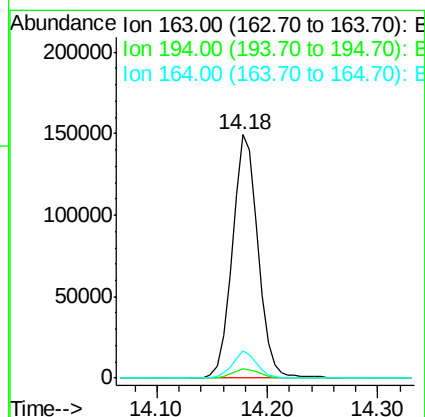
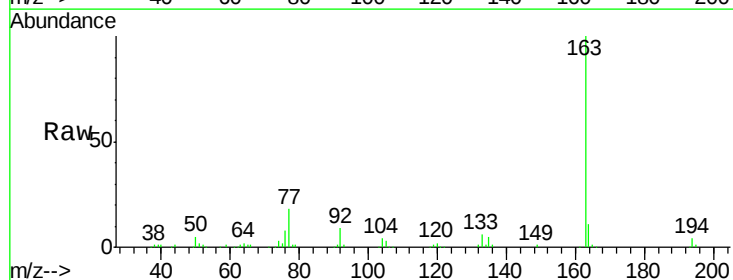
Instrument :
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9-VE-PILE-WALL(0-2)

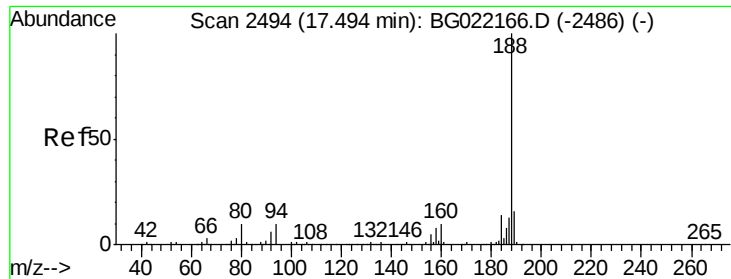
Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.1	27.8	41.6
170	25.1	19.6	29.4



#49
Dimethylphthalate
Concen: 36.95 ng
RT: 14.18 min Scan# 1930
Delta R.T. -0.02 min
Lab File: BG022309.D
Acq: 11 Jun 2016 5:56

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.0	4.6
164	11.0	8.1	12.1

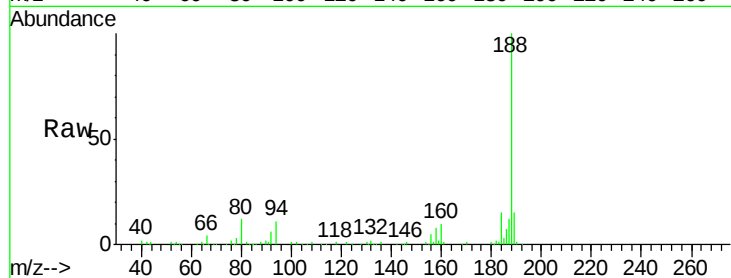




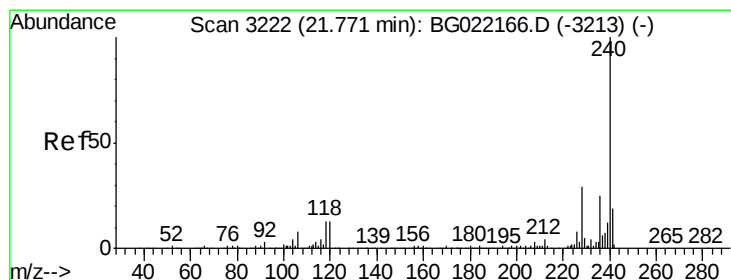
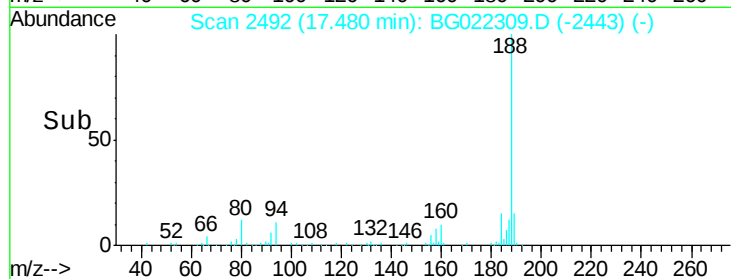
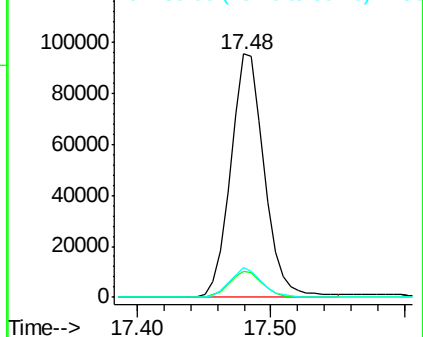
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.48 min Scan# 2492
Delta R.T. -0.01 min
Lab File: BG022309.D
Acq: 11 Jun 2016 5:56

Instrument :
BNA_G
ClientSampleId :
9-VE-PILE-WALL(0-2)

Tgt Ion:188 Resp: 167860
Ion Ratio Lower Upper
188 100
94 10.7 7.5 11.3
80 12.2 8.6 13.0

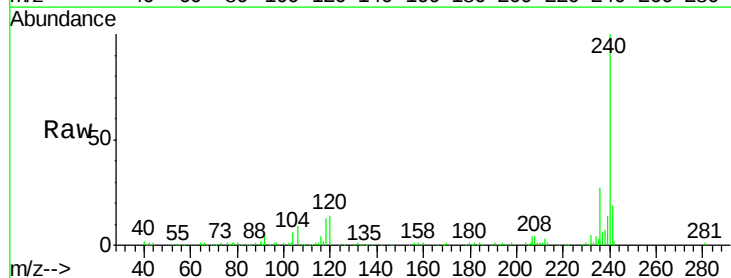


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

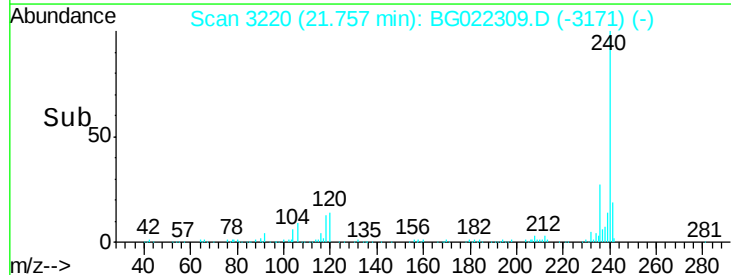
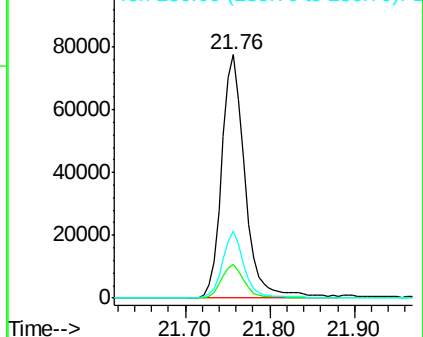


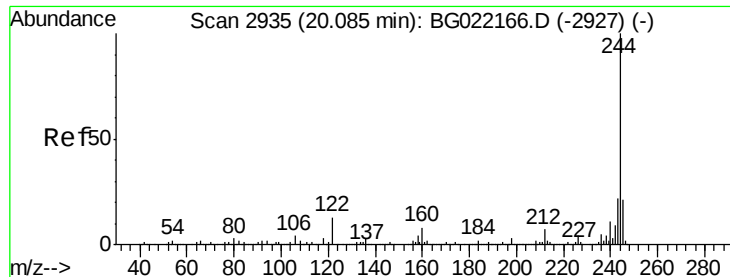
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.76 min Scan# 3220
Delta R.T. -0.01 min
Lab File: BG022309.D
Acq: 11 Jun 2016 5:56

Tgt Ion:240 Resp: 149081
Ion Ratio Lower Upper
240 100
120 13.6 8.4 12.6#
236 27.5 19.6 29.4



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: 101.63 ng

RT: 20.08 min Scan# 2934

Delta R.T. -0.01 min

Lab File: BG022309.D

Acq: 11 Jun 2016 5:56

Instrument :

BNA_G

ClientSampleId :

9-VE-PILE-WALL(0-2)

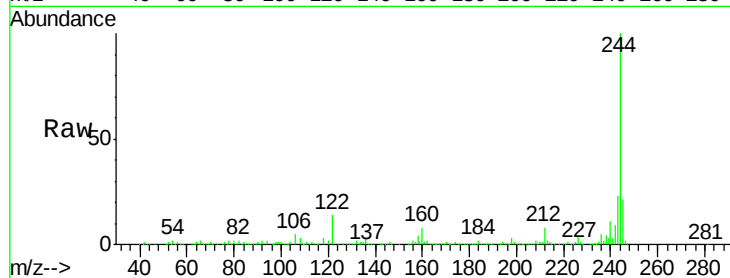
Tgt Ion:244 Resp: 638201

Ion Ratio Lower Upper

244 100

212 7.8 6.5 9.7

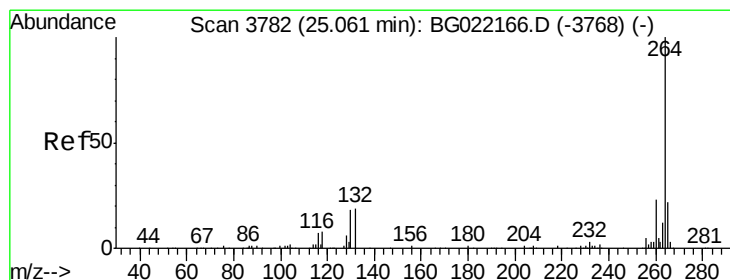
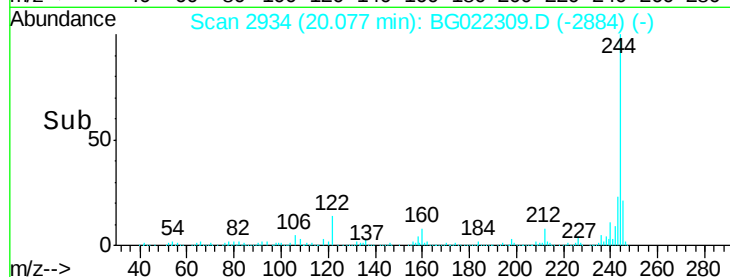
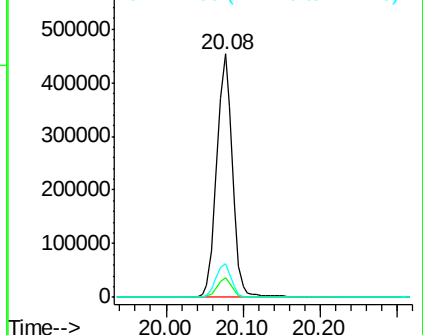
122 13.7 8.6 12.8#



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: 25.04 min Scan# 3779

Delta R.T. -0.02 min

Lab File: BG022309.D

Acq: 11 Jun 2016 5:56

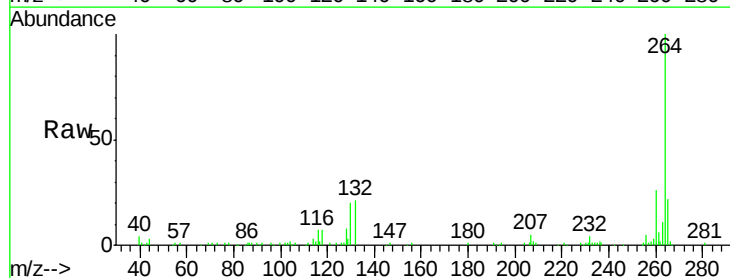
Tgt Ion:264 Resp: 141590

Ion Ratio Lower Upper

264 100

260 25.9 20.2 30.4

265 22.1 17.8 26.8



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

