

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012418\
 Data File : BG032268.D
 Acq On : 24 Jan 2018 19:40
 Operator : SJ/JU
 Sample : J1250-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 AB-12(0-2)

Quant Time: Jan 25 04:40:26 2018
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG011218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 24 14:02:41 2018
 Response via : Initial Calibration

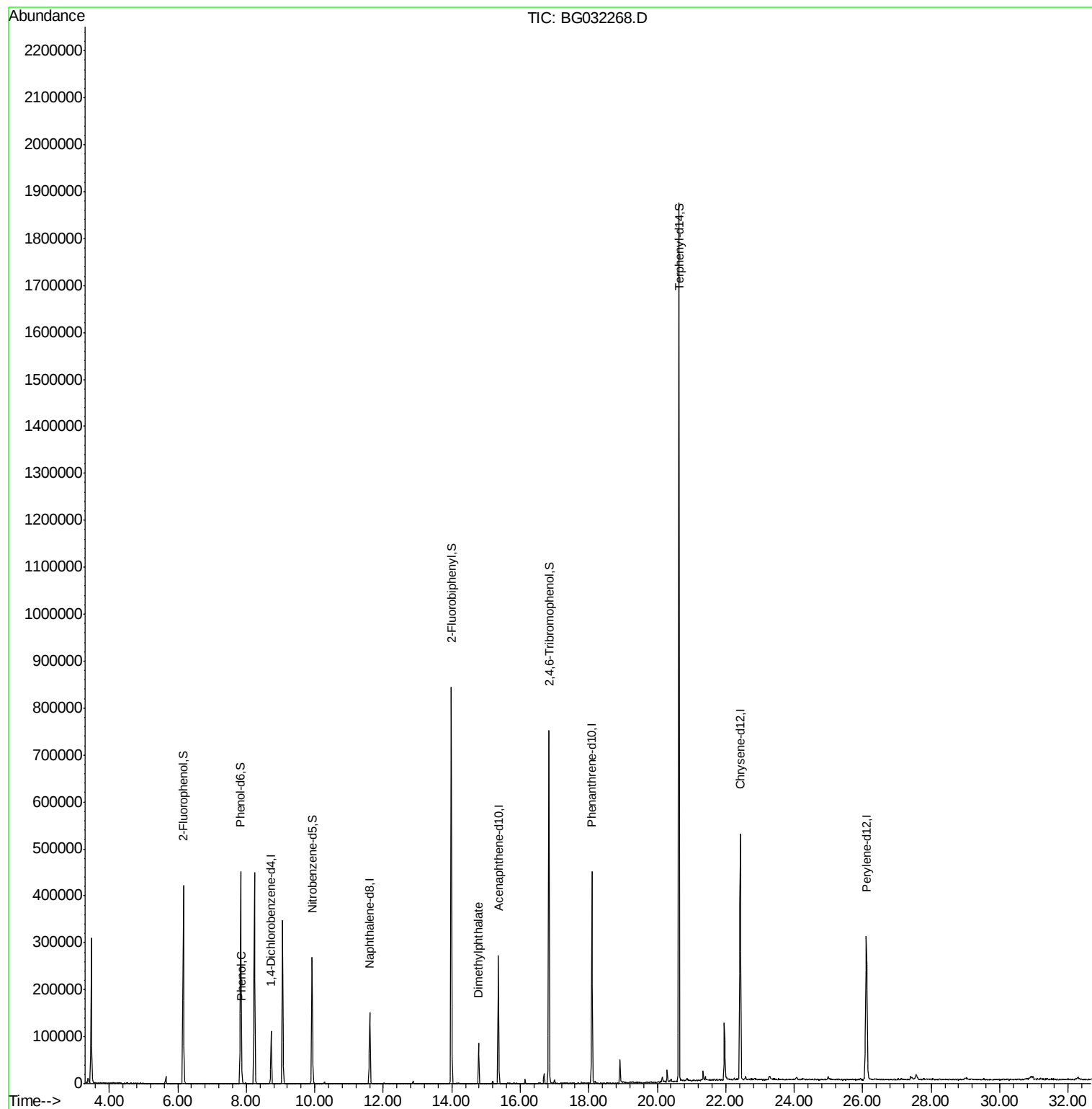
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.72	152	37201	20.00	ng	0.00
21) Naphthalene-d8	11.61	136	148374	20.00	ng	0.00
38) Acenaphthene-d10	15.36	164	106808	20.00	ng	0.00
63) Phenanthrene-d10	18.09	188	303094	20.00	ng	0.00
75) Chrysene-d12	22.42	240	393512	20.00	ng	0.00
86) Perylene-d12	26.11	264	406143	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.16	112	215969	106.18	ng	0.00
7) Phenol-d6	7.83	99	272868	106.52	ng	0.00
23) Nitrobenzene-d5	9.92	82	165860	75.63	ng	0.00
41) 2,4,6-Tribromophenol	16.84	330	173687	98.27	ng	0.00
44) 2-Fluorobiphenyl	13.99	172	491796	57.09	ng	0.00
78) Terphenyl-d14	20.63	244	1013345	56.86	ng	0.00
Target Compounds						
10) Phenol	7.86	94	12880	5.104	ng	98
49) Dimethylphthalate	14.79	163	66766	7.143	ng	# 95

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

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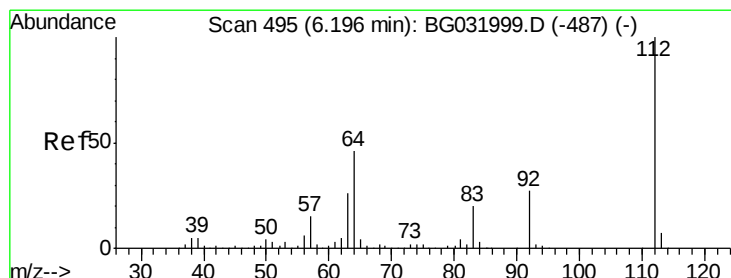
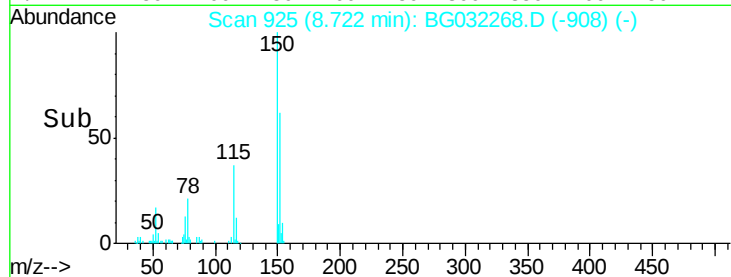
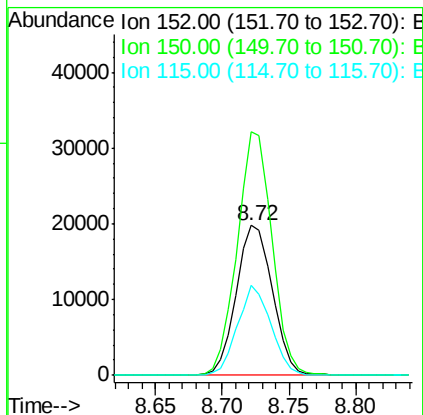
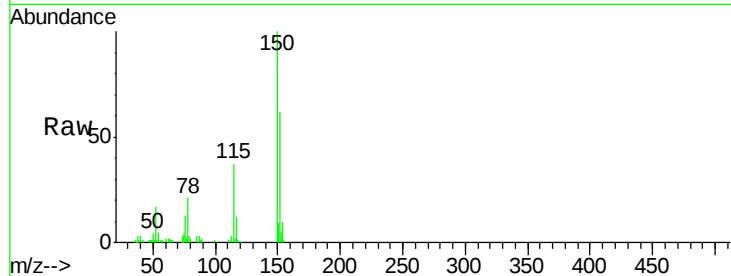


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.72 min Scan# 925
Delta R.T. -0.00 min
Lab File: BG032268.D
Acq: 24 Jan 2018 19:40

Instrument :
BNA_G
ClientSampleId :
AB-12(0-2)

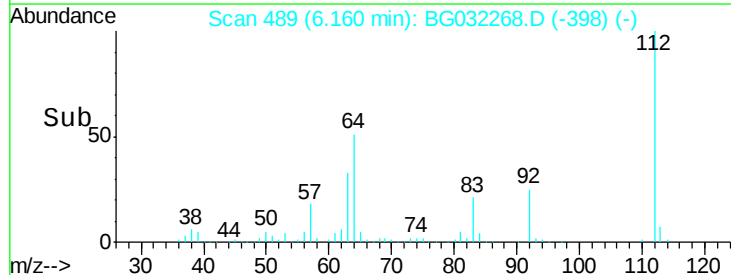
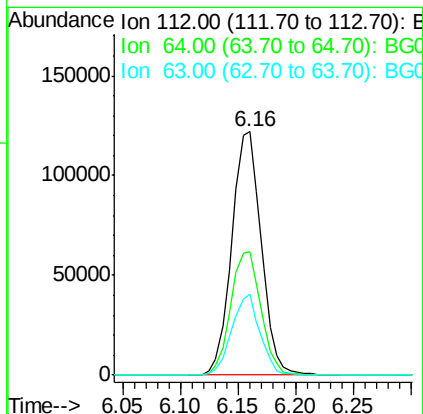
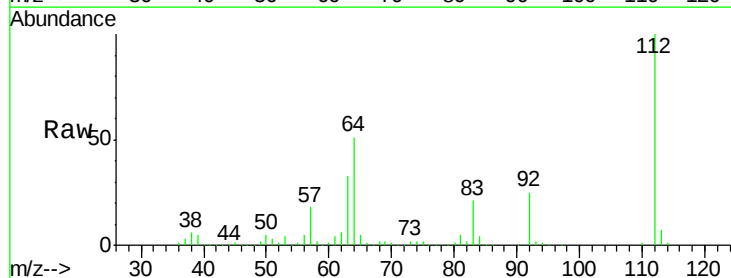
Tgt Ion:152 Resp: 37201
Ion Ratio Lower Upper
152 100
150 162.2 126.6 189.8
115 59.9 53.0 79.4

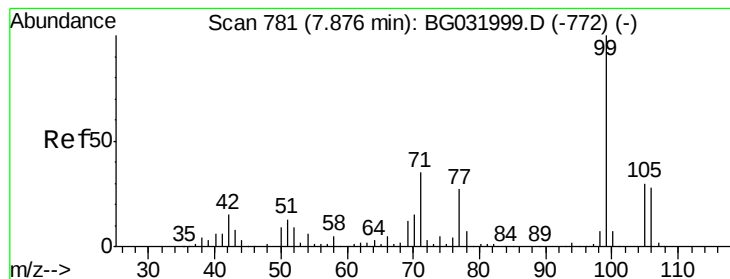


#5

2-Fluorophenol
Concen: 106.178 ng
RT: 6.16 min Scan# 489
Delta R.T. 0.00 min
Lab File: BG032268.D
Acq: 24 Jan 2018 19:40

Tgt Ion:112 Resp: 215969
Ion Ratio Lower Upper
112 100
64 50.8 56.3 84.5#
63 33.1 30.1 45.1





#7

Phenol-d6

Concen: 106.517 ng

RT: 7.83 min Scan# 774

Delta R.T. -0.00 min

Lab File: BG032268.D

Acq: 24 Jan 2018 19:40

Instrument :

BNA_G

ClientSampleId :

AB-12(0-2)

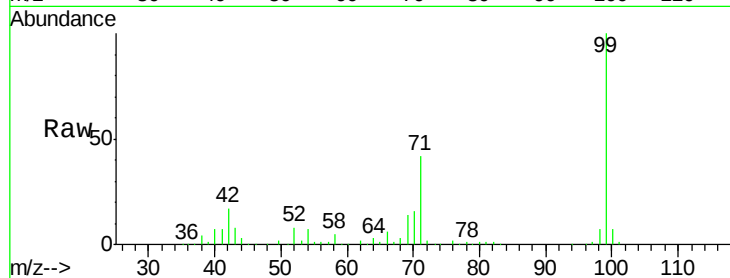
Tgt Ion: 99 Resp: 272868

Ion Ratio Lower Upper

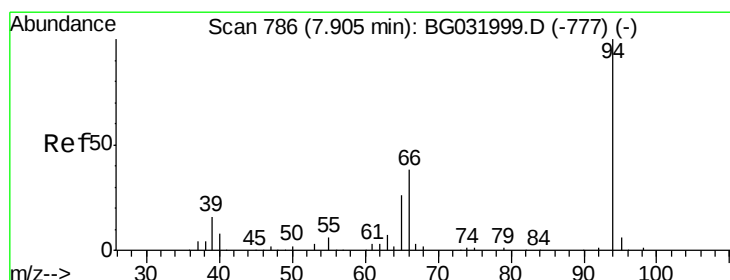
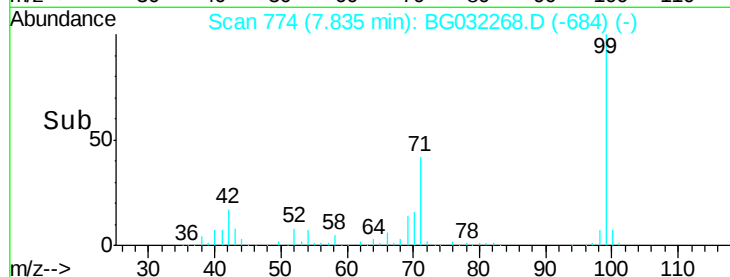
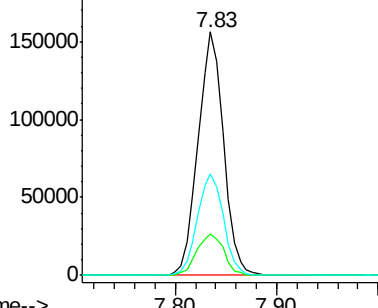
99 100

42 17.3 14.1 21.1

71 41.9 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: 5.104 ng

RT: 7.86 min Scan# 779

Delta R.T. -0.00 min

Lab File: BG032268.D

Acq: 24 Jan 2018 19:40

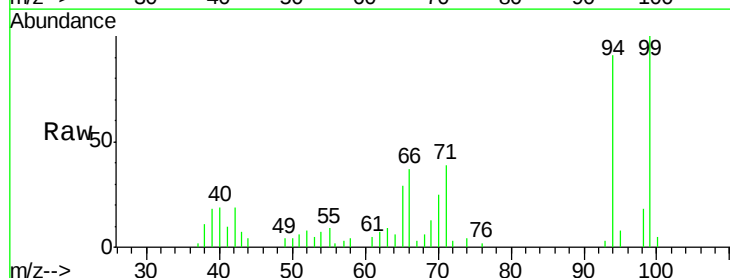
Tgt Ion: 94 Resp: 12880

Ion Ratio Lower Upper

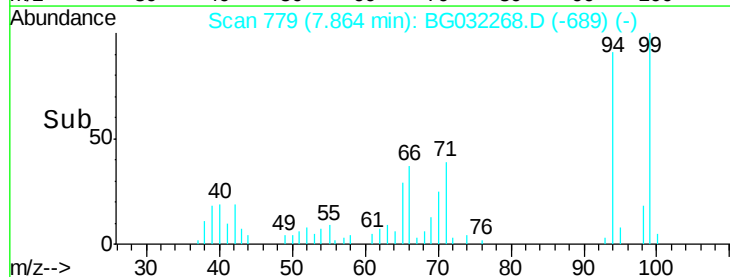
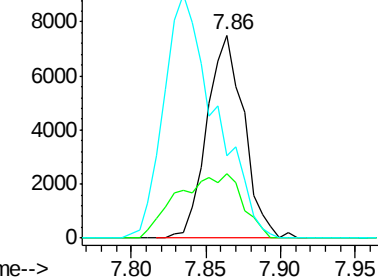
94 100

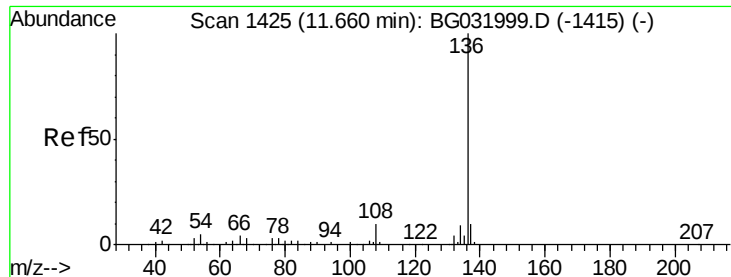
65 31.5 11.9 51.9

66 40.2 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

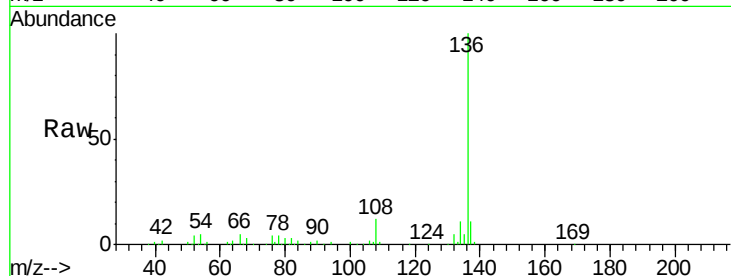




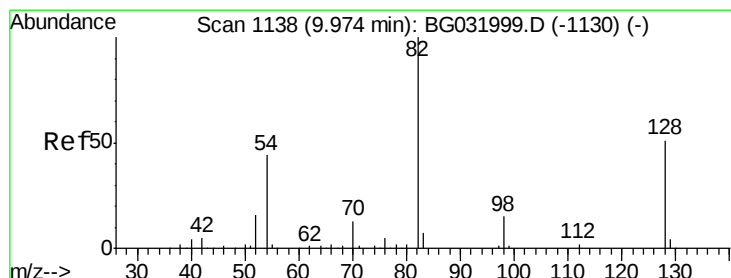
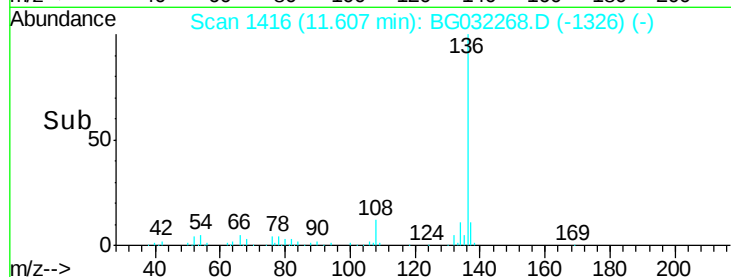
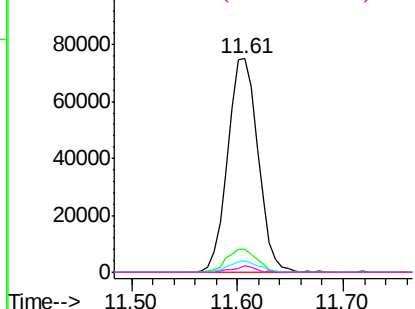
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.61 min Scan# 1416
Delta R.T. -0.00 min
Lab File: BG032268.D
Acq: 24 Jan 2018 19:40

Instrument :
BNA_G
ClientSampleId :
AB-12(0-2)

Tgt Ion: 136 Resp: 148374
Ion Ratio Lower Upper
136 100
137 10.9 9.2 13.8
54 5.5 10.3 15.5#
68 2.9 4.5 6.7#

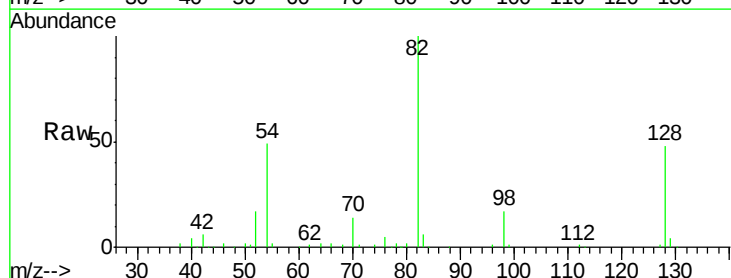


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

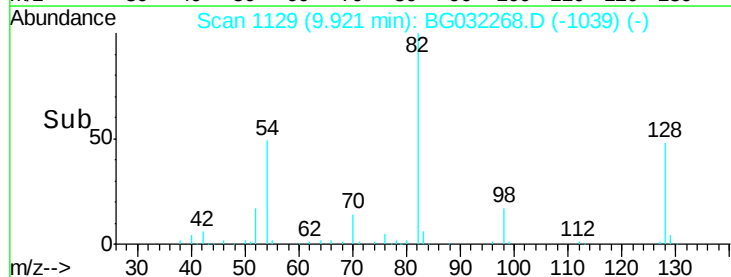
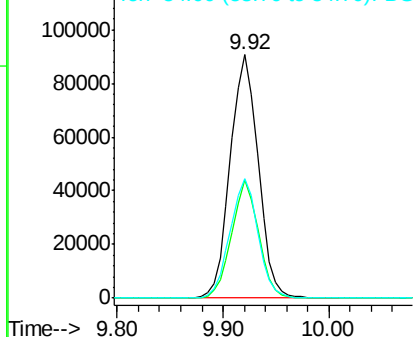


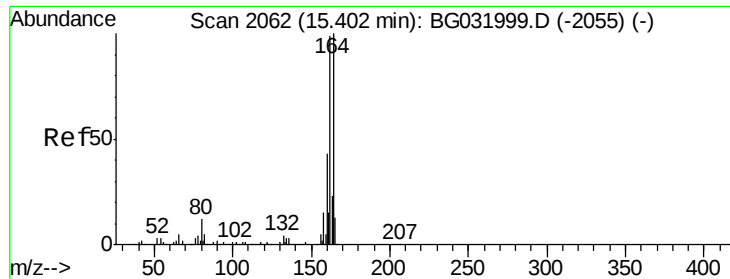
#23
Nitrobenzene-d5
Concen: 75.627 ng
RT: 9.92 min Scan# 1129
Delta R.T. -0.00 min
Lab File: BG032268.D
Acq: 24 Jan 2018 19:40

Tgt Ion: 82 Resp: 165860
Ion Ratio Lower Upper
82 100
128 48.5 29.7 44.5#
54 48.8 43.1 64.7



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: 20.000 ng

RT: 15.36 min Scan# 2055

Delta R.T. -0.00 min

Lab File: BG032268.D

Acq: 24 Jan 2018 19:40

Instrument :

BNA_G

ClientSampleId :

AB-12(0-2)

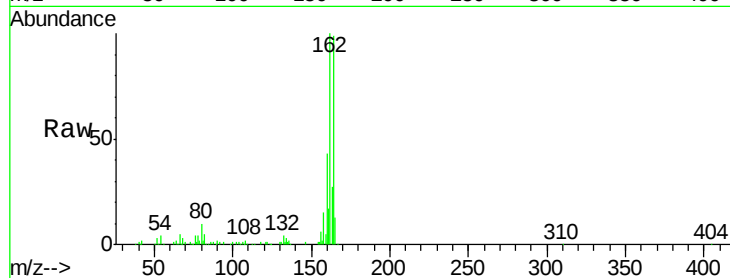
Tgt Ion:164 Resp: 106808

Ion Ratio Lower Upper

164 100

162 100.9 78.8 118.2

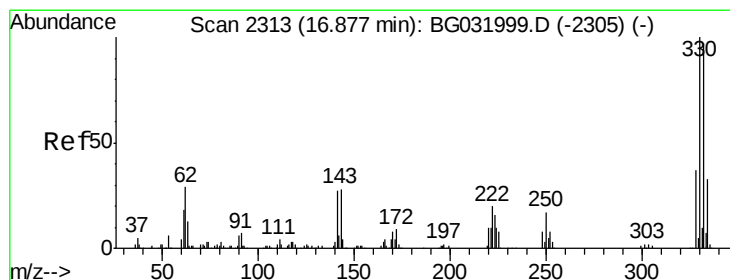
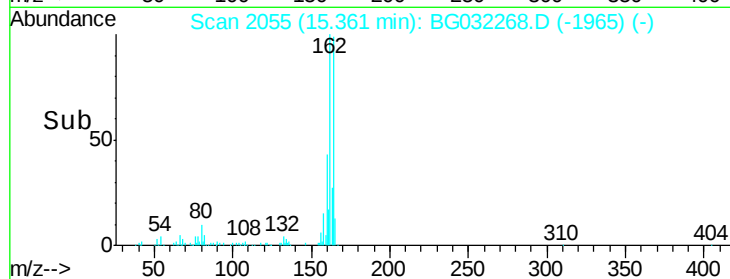
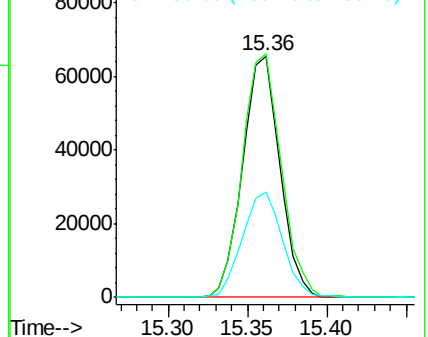
160 43.6 35.4 53.0



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: 98.271 ng

RT: 16.84 min Scan# 2306

Delta R.T. -0.00 min

Lab File: BG032268.D

Acq: 24 Jan 2018 19:40

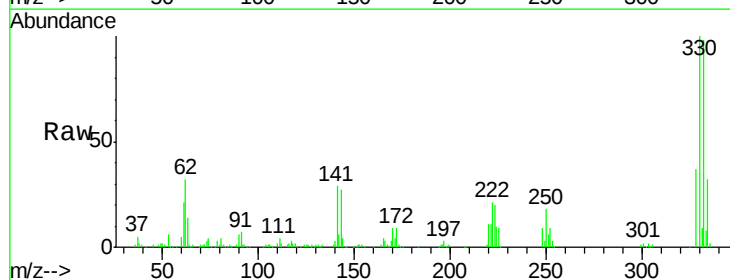
Tgt Ion:330 Resp: 173687

Ion Ratio Lower Upper

330 100

332 97.1 77.0 115.6

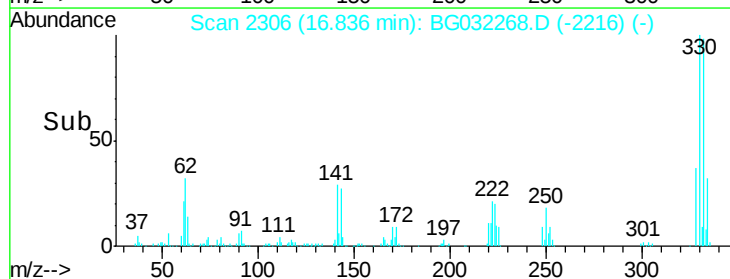
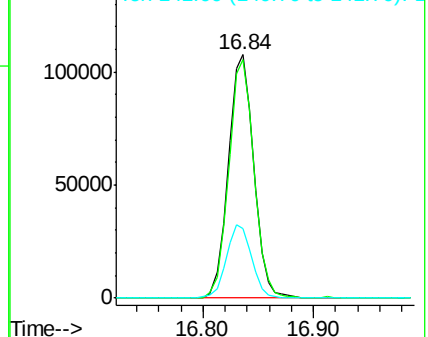
141 30.0 25.2 37.8

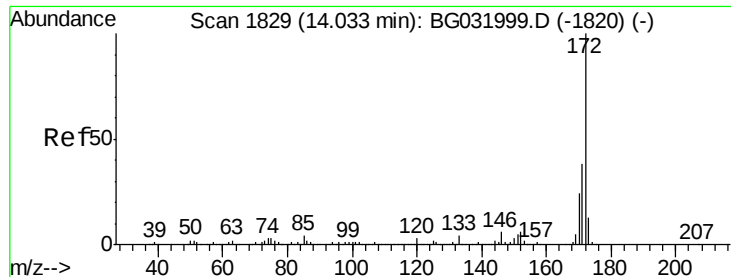


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

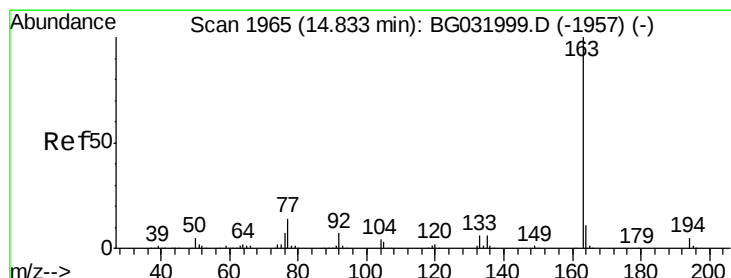
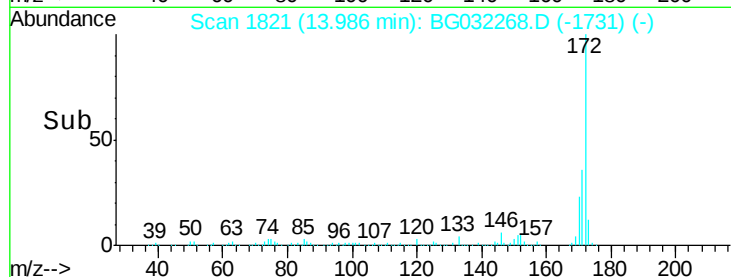
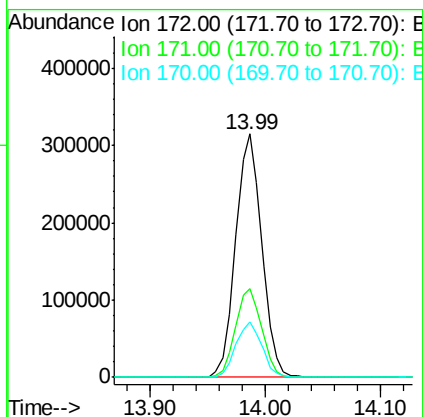
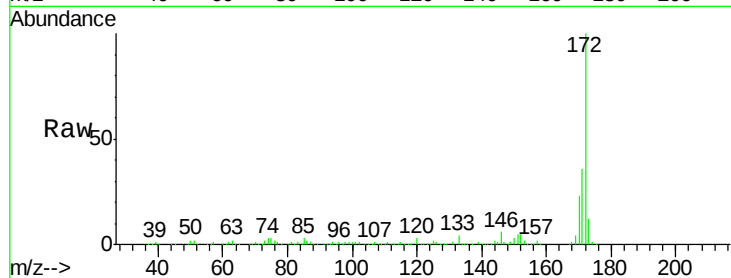




#44
2-Fluorobiphenyl
Concen: 57.093 ng
RT: 13.99 min Scan# 1821
Delta R.T. -0.00 min
Lab File: BG032268.D
Acq: 24 Jan 2018 19:40

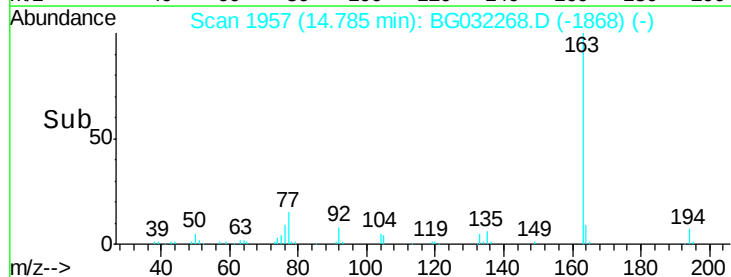
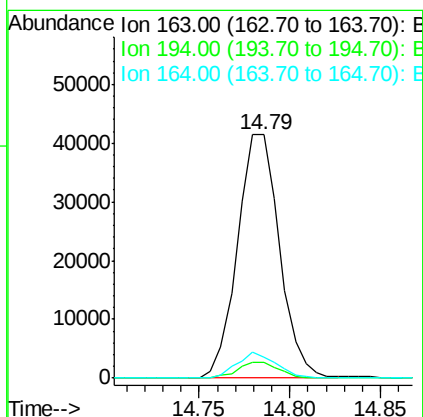
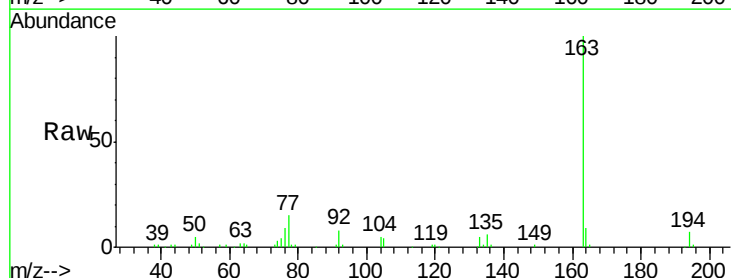
Instrument :
BNA_G
ClientSampleId :
AB-12(0-2)

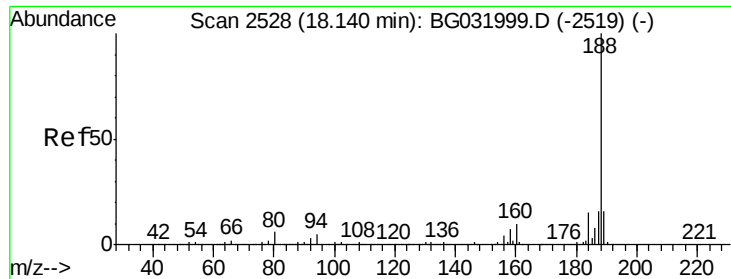
Tgt Ion:172 Resp: 491796
Ion Ratio Lower Upper
172 100
171 36.4 30.0 45.0
170 22.8 19.5 29.3



#49
Dimethylphthalate
Concen: 7.143 ng
RT: 14.79 min Scan# 1957
Delta R.T. -0.01 min
Lab File: BG032268.D
Acq: 24 Jan 2018 19:40

Tgt Ion:163 Resp: 66766
Ion Ratio Lower Upper
163 100
194 6.6 3.4 5.2#
164 8.6 8.2 12.4

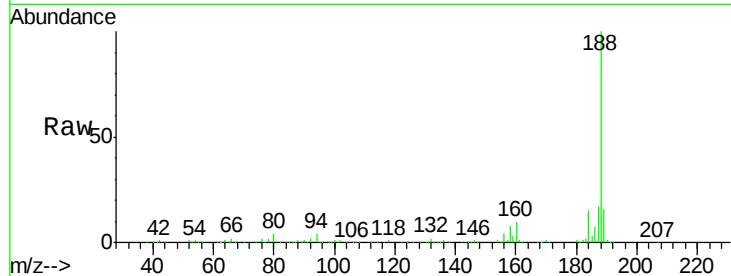




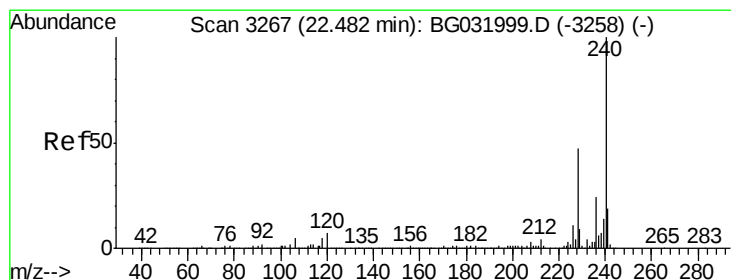
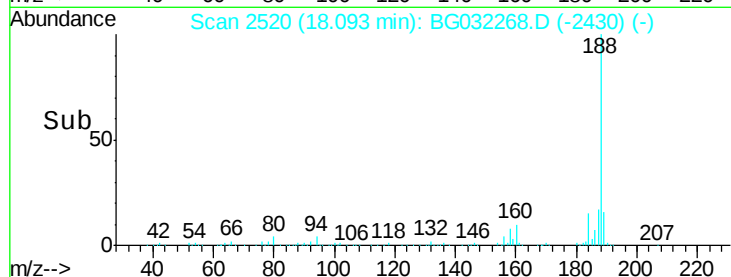
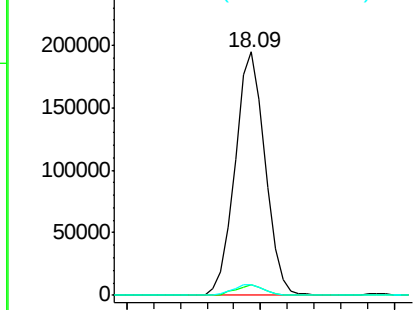
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.09 min Scan# 2520
Delta R.T. -0.00 min
Lab File: BG032268.D
Acq: 24 Jan 2018 19:40

Instrument :
BNA_G
ClientSampleId :
AB-12(0-2)

Tgt Ion:188 Resp: 303094
Ion Ratio Lower Upper
188 100
94 4.1 6.9 10.3#
80 4.4 7.7 11.5#

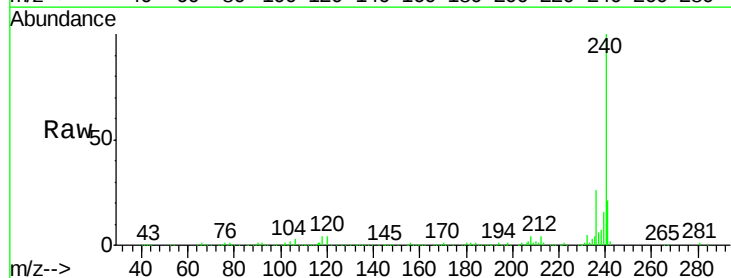


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

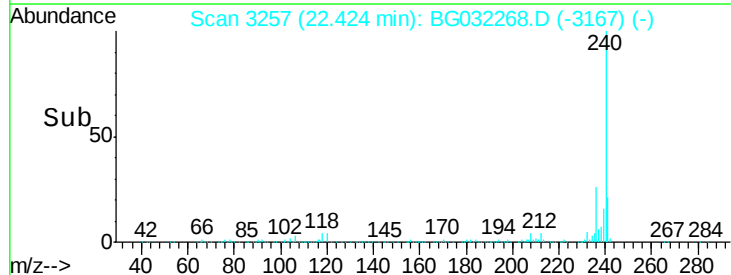
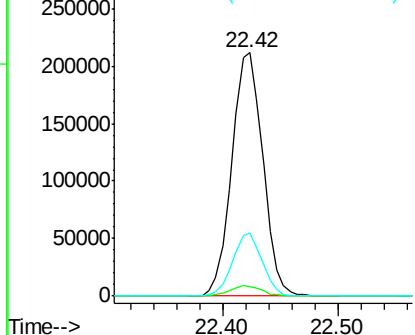


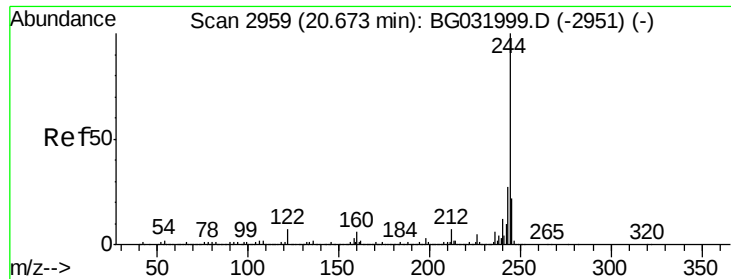
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.42 min Scan# 3257
Delta R.T. -0.00 min
Lab File: BG032268.D
Acq: 24 Jan 2018 19:40

Tgt Ion:240 Resp: 393512
Ion Ratio Lower Upper
240 100
120 3.9 6.8 10.2#
236 25.9 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: 56.860 ng

RT: 20.63 min Scan# 2952

Delta R.T. -0.00 min

Lab File: BG032268.D

Acq: 24 Jan 2018 19:40

Instrument :

BNA_G

ClientSampleId :

AB-12(0-2)

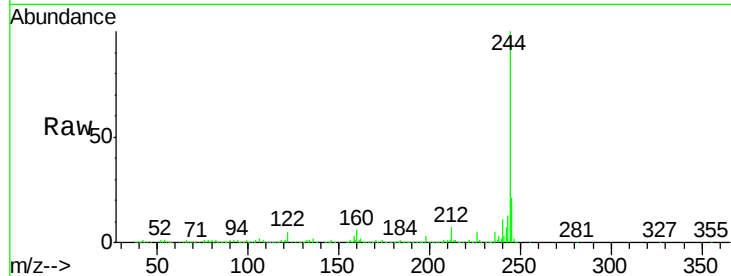
Tgt Ion:244 Resp: 1013345

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

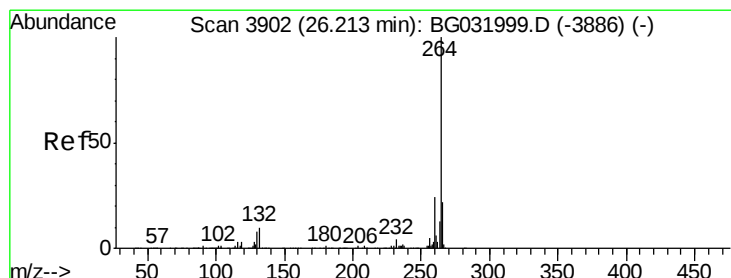
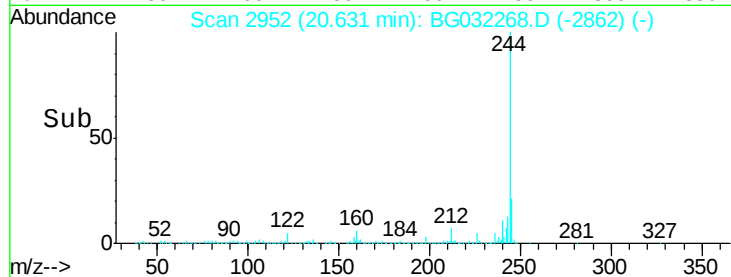
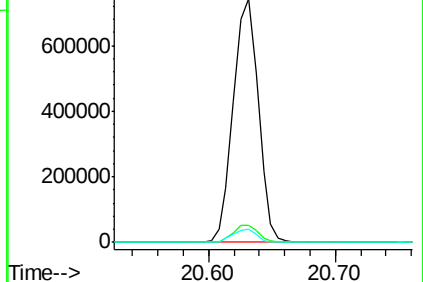
122 5.3 7.0 10.4#



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: 26.11 min Scan# 3884

Delta R.T. -0.00 min

Lab File: BG032268.D

Acq: 24 Jan 2018 19:40

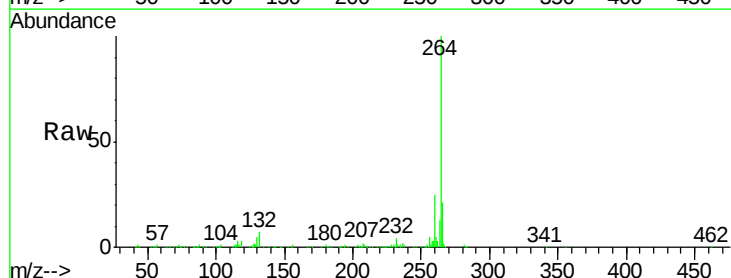
Tgt Ion:264 Resp: 406143

Ion Ratio Lower Upper

264 100

260 24.7 17.4 26.0

265 20.9 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

