

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG110116\
 Data File : BG024612.D
 Acq On : 2 Nov 2016 4:26
 Operator : UM/SJ
 Sample : H5489-19
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-76-17.5-18.0

Quant Time: Nov 02 06:19:50 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG102516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 26 11:14:13 2016
 Response via : Initial Calibration

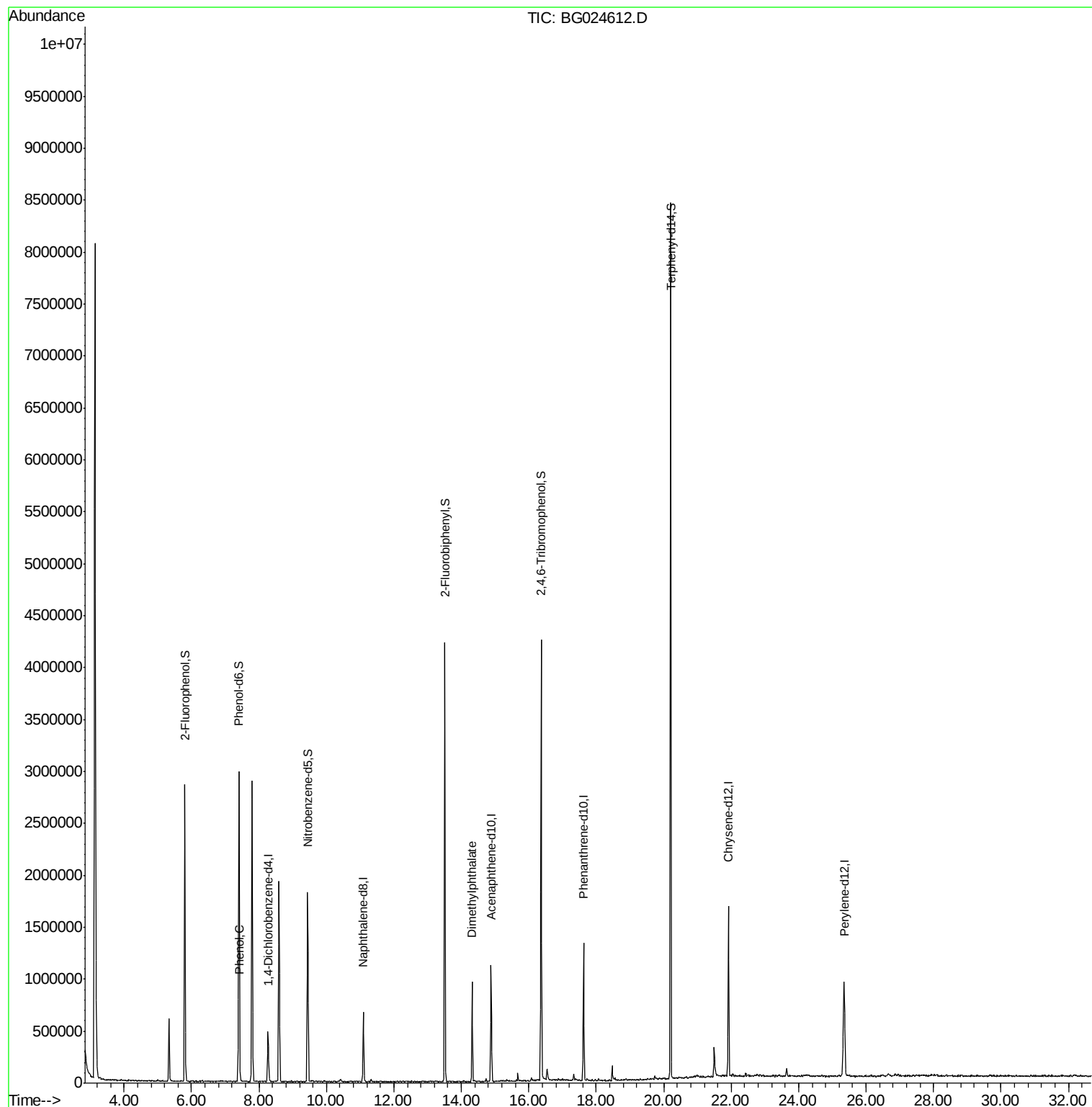
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	135273	20.00	ng	0.00
21) Naphthalene-d8	11.09	136	524754	20.00	ng	0.00
38) Acenaphthene-d10	14.88	164	398400	20.00	ng	0.00
63) Phenanthrene-d10	17.62	188	869073	20.00	ng	0.00
75) Chrysene-d12	21.92	240	1113410	20.00	ng	0.00
86) Perylene-d12	25.35	264	1161685	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.81	112	1155849	140.04	ng	0.00
7) Phenol-d6	7.40	99	1663185	146.91	ng	0.00
23) Nitrobenzene-d5	9.44	82	1160663	100.70	ng	0.00
41) 2,4,6-Tribromophenol	16.37	330	892636	149.97	ng	0.00
44) 2-Fluorobiphenyl	13.51	172	2057056	85.82	ng	0.00
78) Terphenyl-d14	20.21	244	3294508	88.42	ng	0.00
Target Compounds						
10) Phenol	7.43	94	28912	2.48	ng	Qvalue # 81
49) Dimethylphthalate	14.32	163	622666	22.02	ng	96

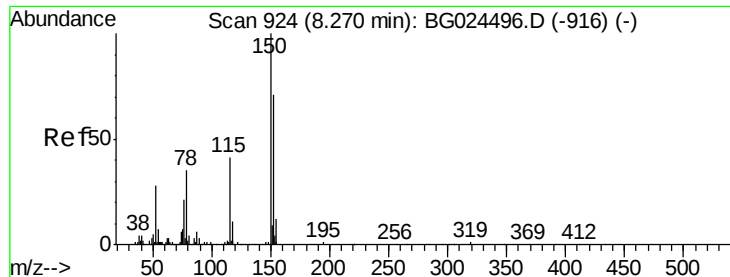
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.27 min Scan# 925

Delta R.T. 0.00 min

Lab File: BG024612.D

Acq: 2 Nov 2016 4:26

Instrument :

BNA_G

ClientSampleId :

SB-76-17.5-18.0

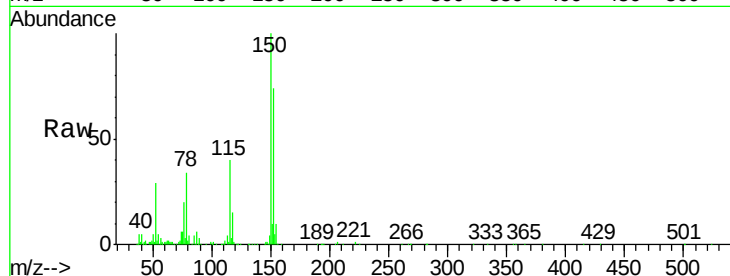
Tgt Ion:152 Resp: 135273

Ion Ratio Lower Upper

152 100

150 135.2 114.0 171.0

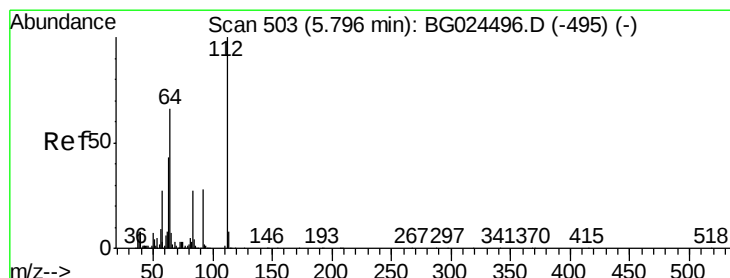
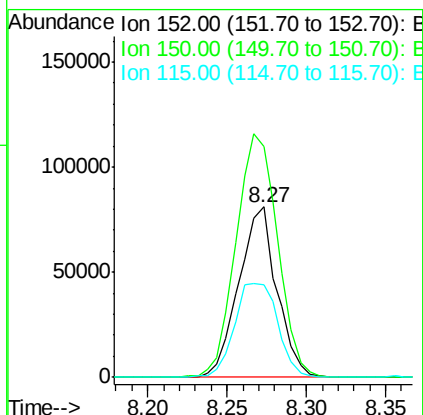
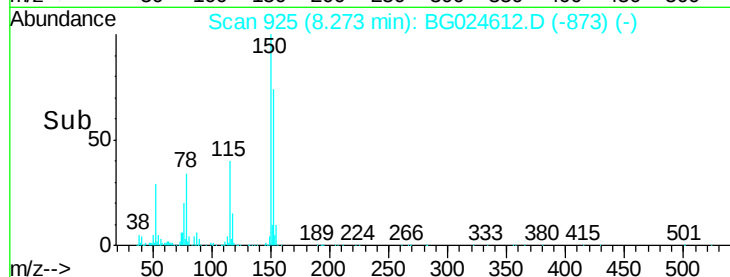
115 54.2 48.1 72.1



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: 140.04 ng

RT: 5.81 min Scan# 505

Delta R.T. 0.01 min

Lab File: BG024612.D

Acq: 2 Nov 2016 4:26

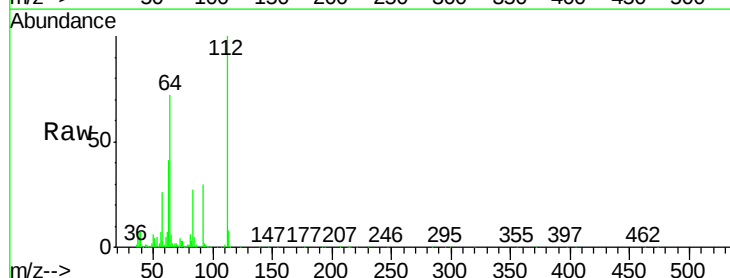
Tgt Ion:112 Resp: 1155849

Ion Ratio Lower Upper

112 100

64 72.3 61.8 92.6

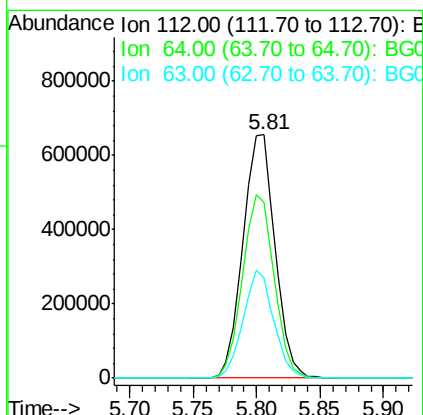
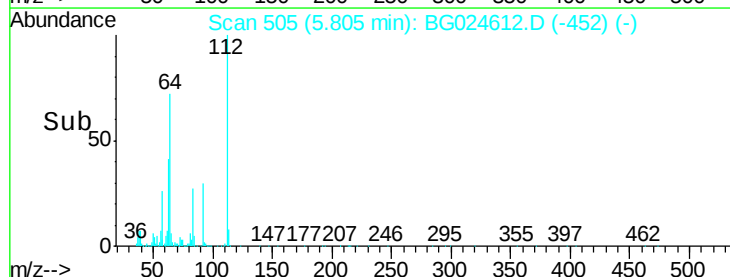
63 41.1 37.2 55.8

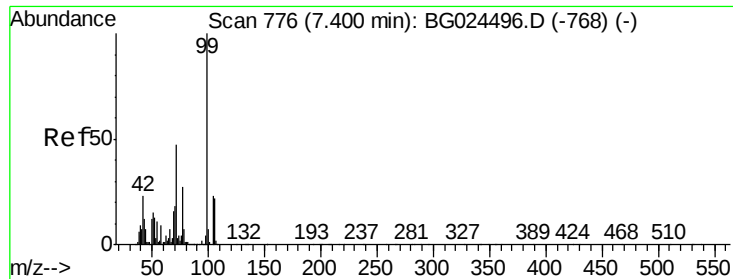


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 146.91 ng

RT: 7.40 min Scan# 777

Delta R.T. 0.00 min

Lab File: BG024612.D

Acq: 2 Nov 2016 4:26

Instrument :

BNA_G

ClientSampleId :

SB-76-17.5-18.0

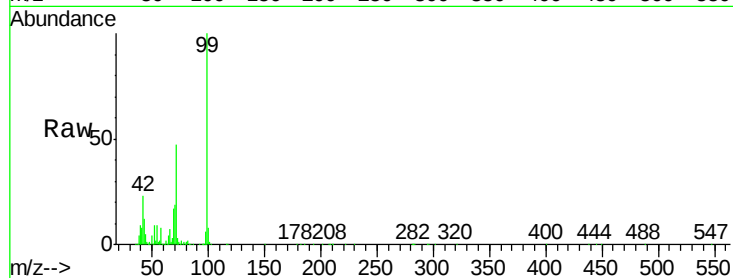
Tgt Ion: 99 Resp: 1663185

Ion Ratio Lower Upper

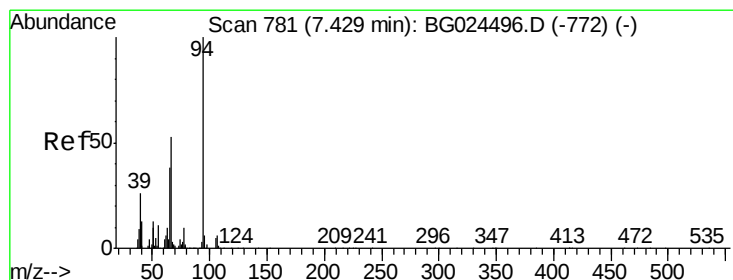
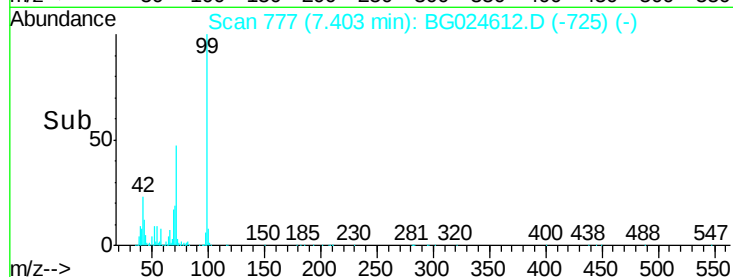
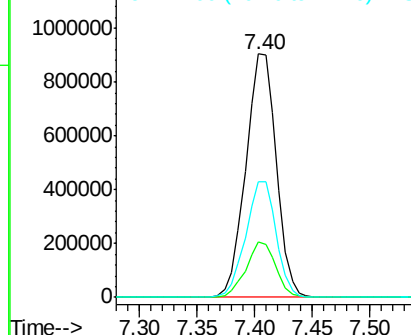
99 100

42 22.6 20.5 30.7

71 47.5 37.6 56.4



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



#10

Phenol

Concen: 2.48 ng

RT: 7.43 min Scan# 782

Delta R.T. 0.00 min

Lab File: BG024612.D

Acq: 2 Nov 2016 4:26

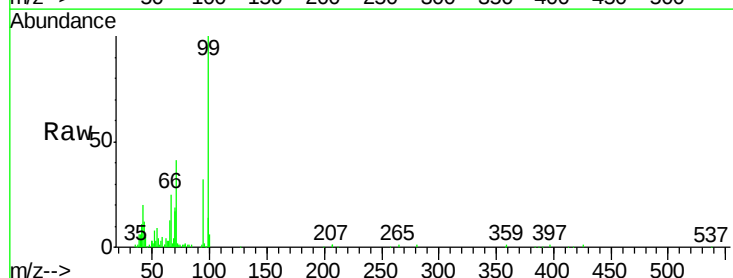
Tgt Ion: 94 Resp: 28912

Ion Ratio Lower Upper

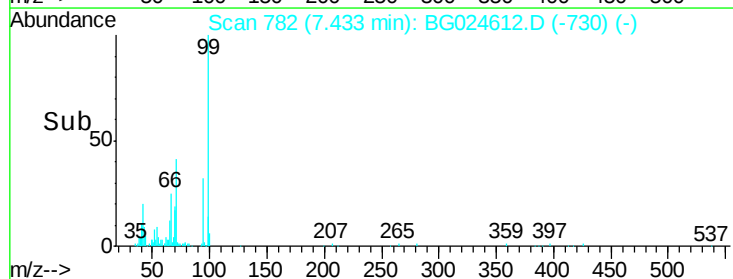
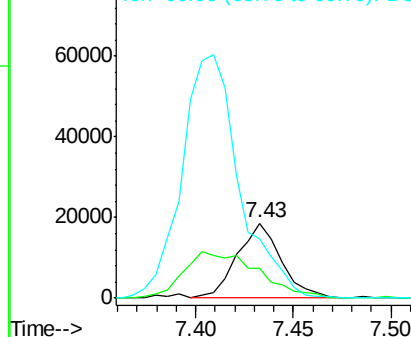
94 100

65 40.6 20.6 60.6

66 79.1 35.5 75.5#



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

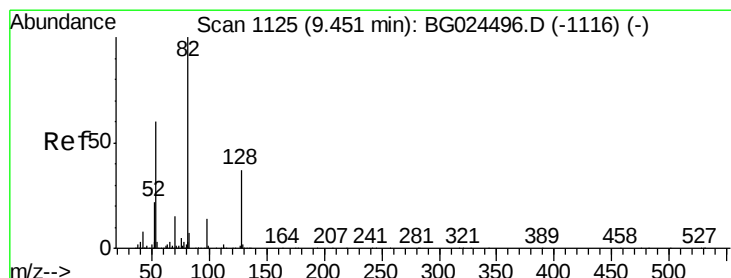
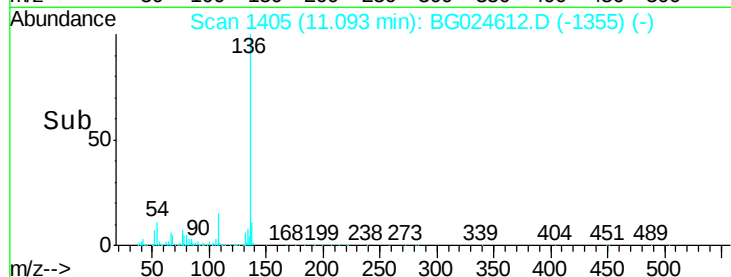
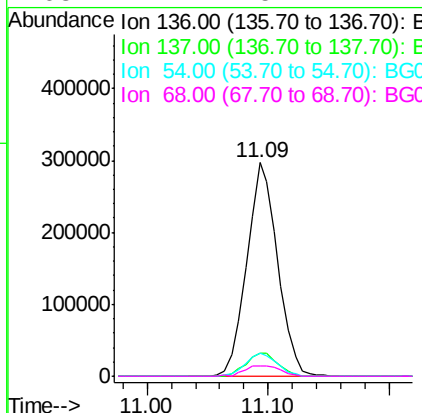
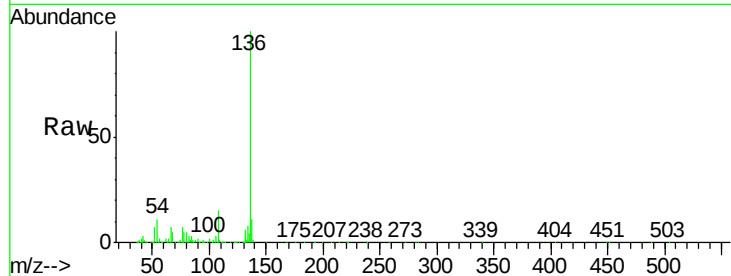




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.09 min Scan# 1405
Delta R.T. -0.01 min
Lab File: BG024612.D
Acq: 2 Nov 2016 4:26

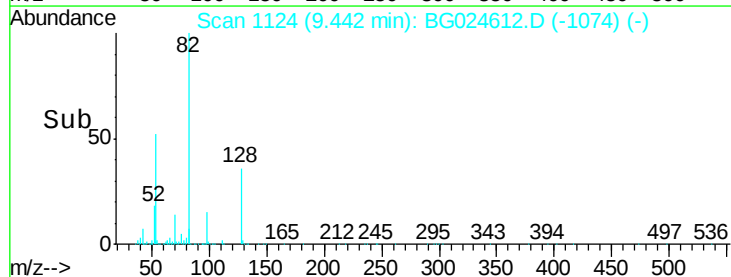
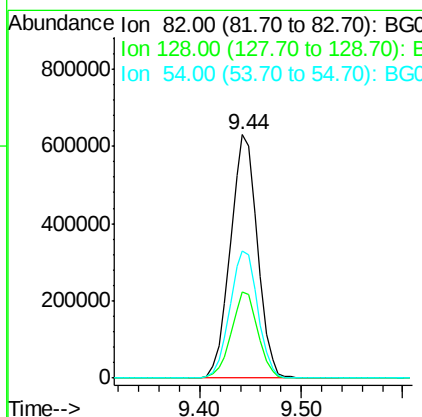
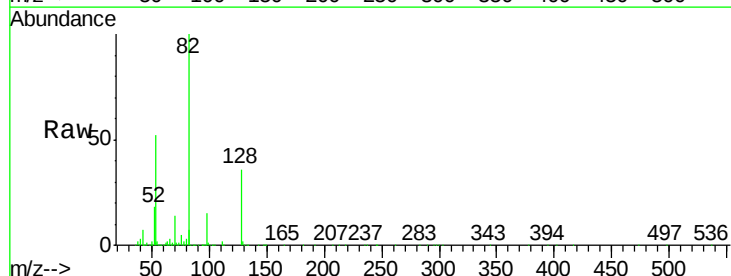
Instrument :
BNA_G
ClientSampleId :
SB-76-17.5-18.0

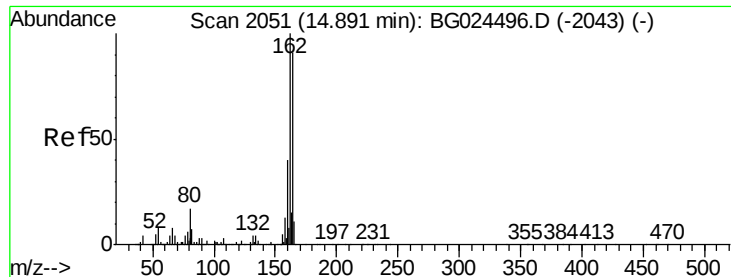
Tgt Ion:	136	Resp:	524754
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	10.7	9.3	13.9
68	4.7	5.1	7.7#



#23
Nitrobenzene-d5
Concen: 100.70 ng
RT: 9.44 min Scan# 1124
Delta R.T. -0.01 min
Lab File: BG024612.D
Acq: 2 Nov 2016 4:26

Tgt Ion:	82	Resp:	1160663
Ion	Ratio	Lower	Upper
82	100		
128	35.5	26.4	39.6
54	52.2	49.4	74.2





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.88 min Scan# 2050

Delta R.T. -0.01 min

Lab File: BG024612.D

Acq: 2 Nov 2016 4:26

Instrument :

BNA_G

ClientSampleId :

SB-76-17.5-18.0

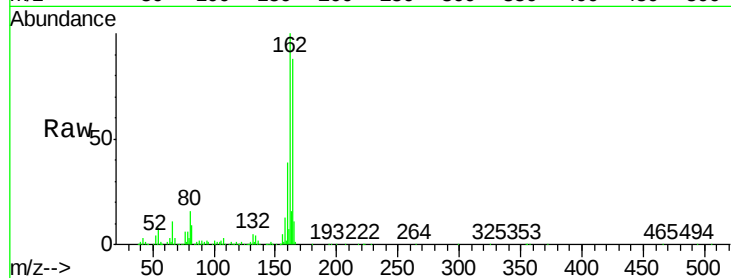
Tgt Ion:164 Resp: 398400

Ion Ratio Lower Upper

164 100

162 113.9 85.1 127.7

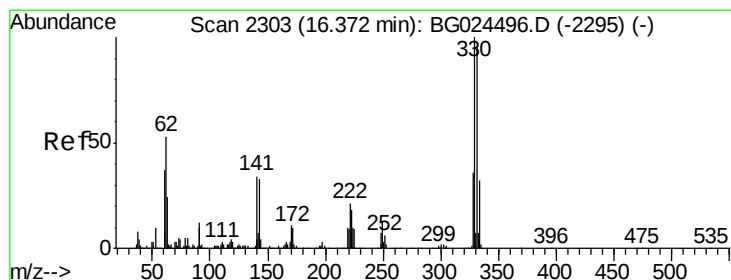
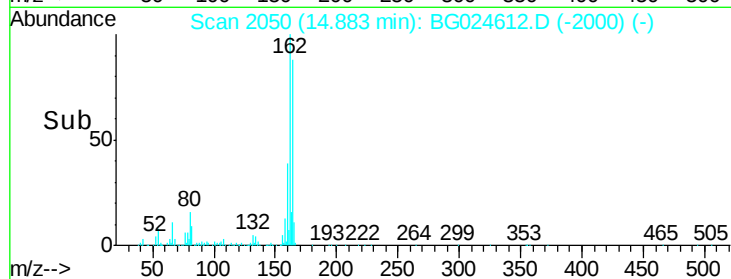
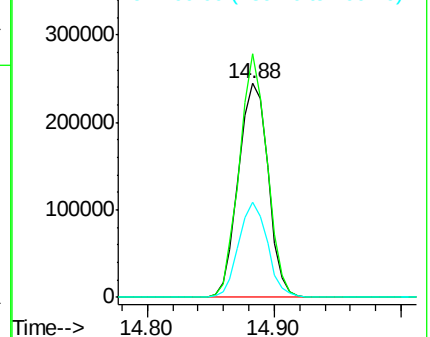
160 44.7 34.7 52.1



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: 149.97 ng

RT: 16.37 min Scan# 2303

Delta R.T. -0.00 min

Lab File: BG024612.D

Acq: 2 Nov 2016 4:26

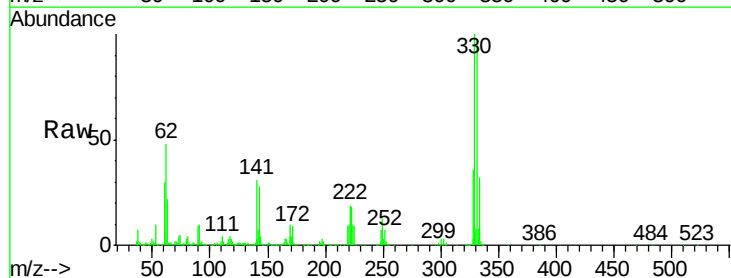
Tgt Ion:330 Resp: 892636

Ion Ratio Lower Upper

330 100

332 96.7 77.3 115.9

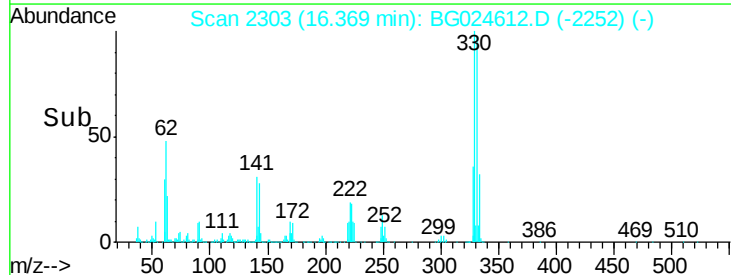
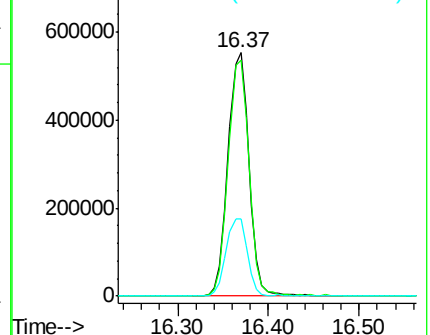
141 32.2 32.1 48.1



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

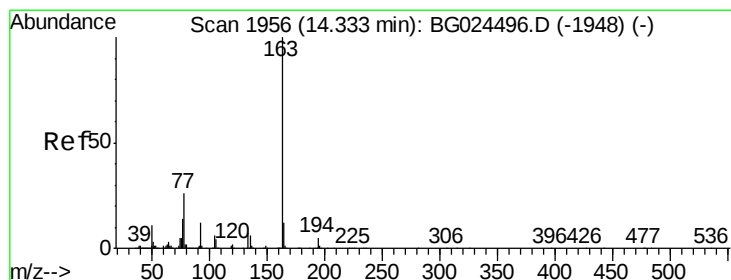
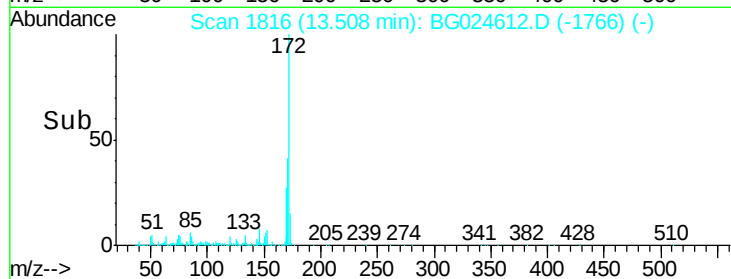
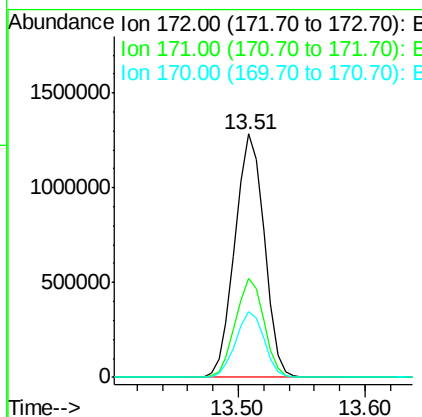
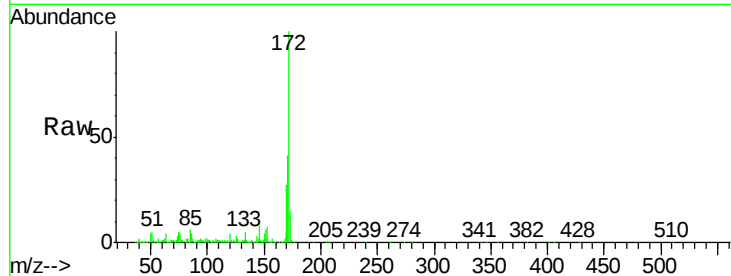




#44
2-Fluorobiphenyl
Concen: 85.82 ng
RT: 13.51 min Scan# 1816
Delta R.T. -0.01 min
Lab File: BG024612.D
Acq: 2 Nov 2016 4:26

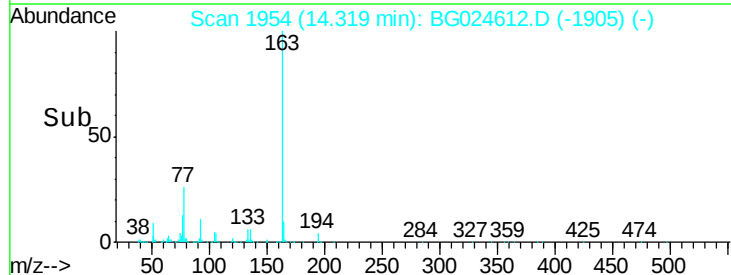
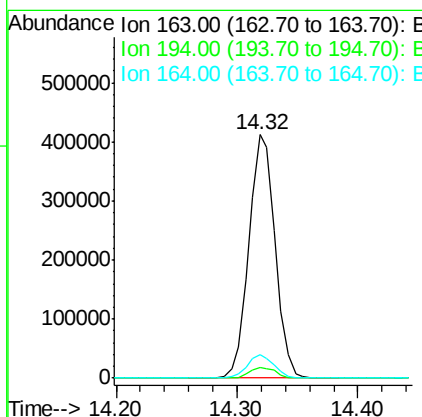
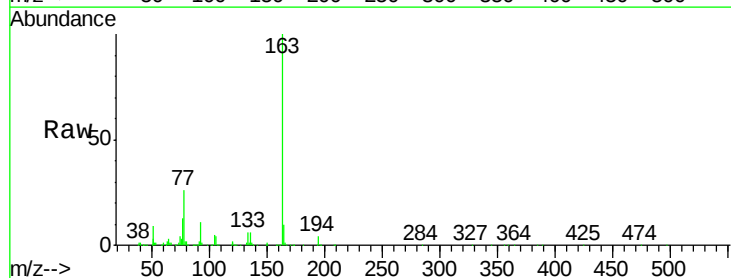
Instrument :
BNA_G
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SB-76-17.5-18.0

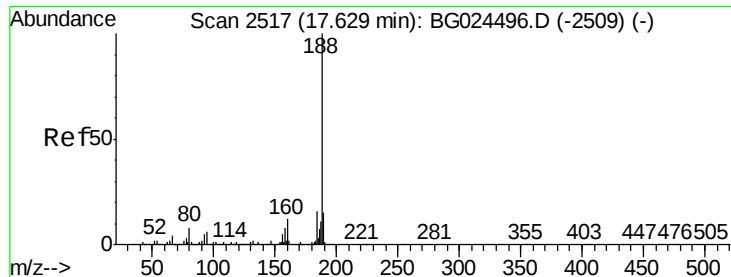
Tgt Ion:172 Resp: 2057056
Ion Ratio Lower Upper
172 100
171 40.9 32.2 48.2
170 27.2 21.8 32.6



#49
Dimethylphthalate
Concen: 22.02 ng
RT: 14.32 min Scan# 1954
Delta R.T. -0.01 min
Lab File: BG024612.D
Acq: 2 Nov 2016 4:26

Tgt Ion:163 Resp: 622666
Ion Ratio Lower Upper
163 100
194 4.2 3.8 5.6
164 9.8 9.3 13.9

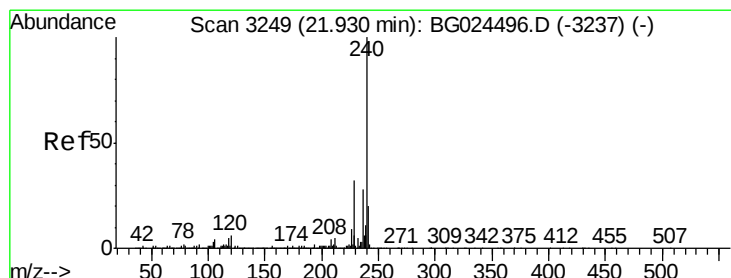
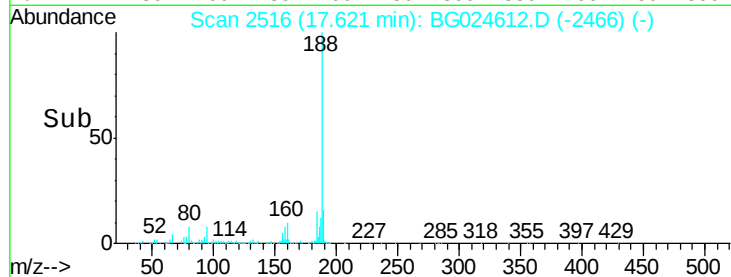
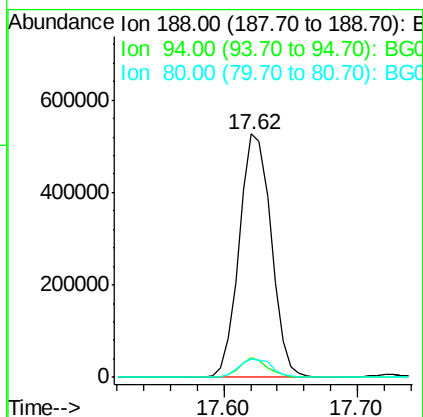
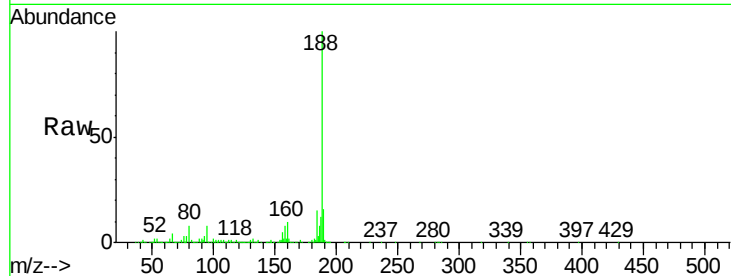




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.62 min Scan# 2516
Delta R.T. -0.01 min
Lab File: BG024612.D
Acq: 2 Nov 2016 4:26

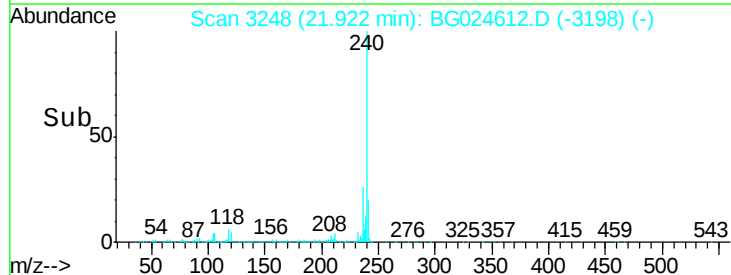
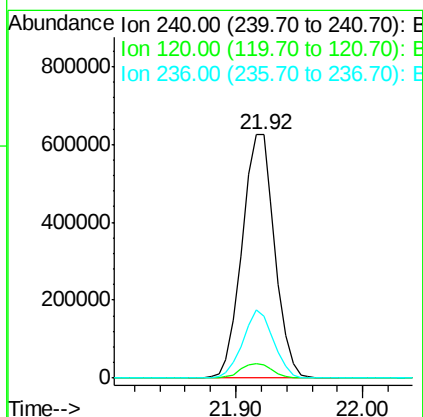
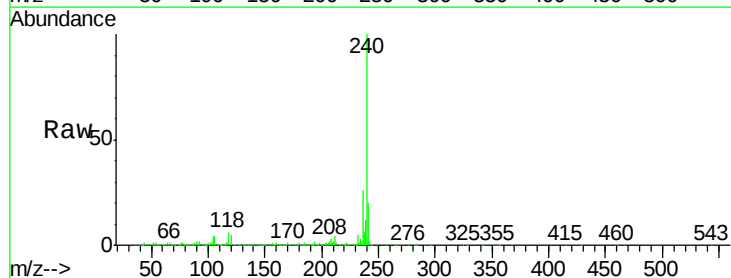
Instrument :
BNA_G
ClientSampleId :
SB-76-17.5-18.0

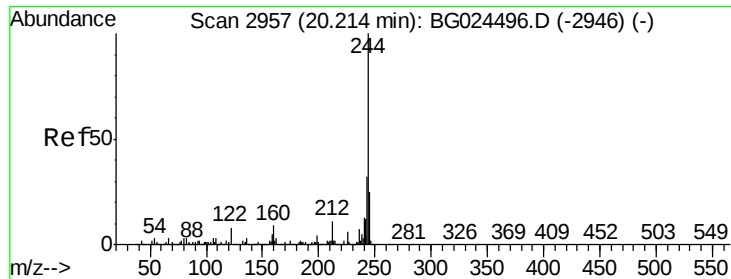
Tgt Ion:188 Resp: 869073
Ion Ratio Lower Upper
188 100
94 7.9 5.8 8.8
80 7.8 7.5 11.3



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.92 min Scan# 3248
Delta R.T. -0.01 min
Lab File: BG024612.D
Acq: 2 Nov 2016 4:26

Tgt Ion:240 Resp: 1113410
Ion Ratio Lower Upper
240 100
120 5.4 5.7 8.5#
236 25.6 22.2 33.4





#78

Terphenyl-d14

Concen: 88.42 ng

RT: 20.21 min Scan# 2956

Delta R.T. -0.01 min

Lab File: BG024612.D

Acq: 2 Nov 2016 4:26

Instrument :

BNA_G

ClientSampleId :

SB-76-17.5-18.0

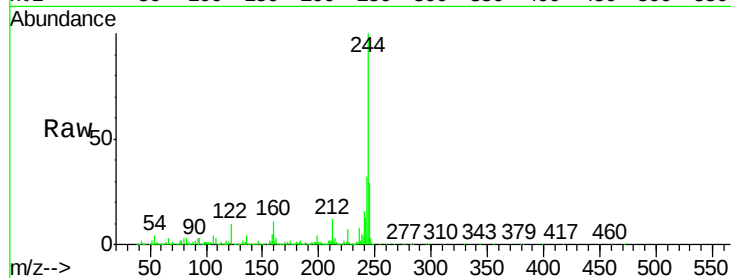
Tgt Ion:244 Resp: 3294508

Ion Ratio Lower Upper

244 100

212 12.4 10.0 15.0

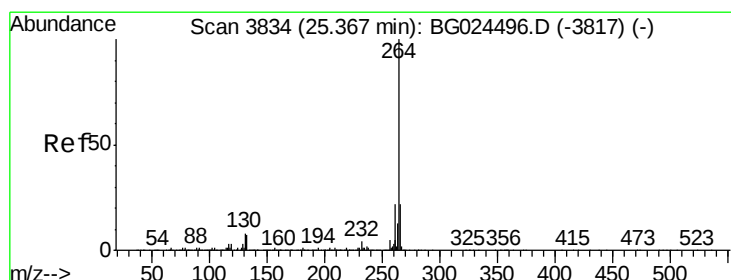
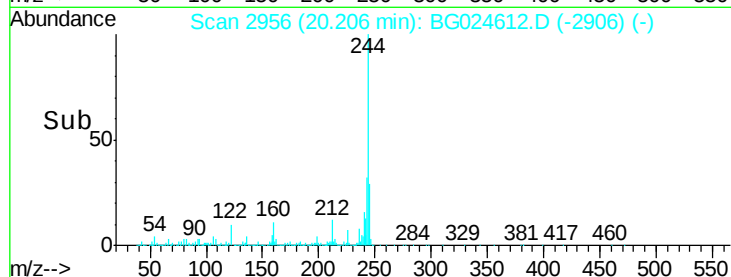
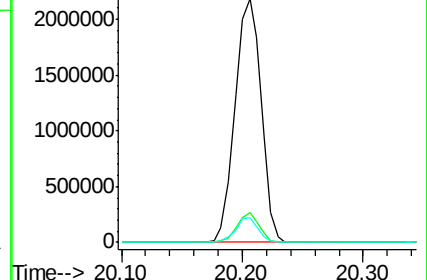
122 10.1 8.6 12.8



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: 25.35 min Scan# 3831

Delta R.T. -0.02 min

Lab File: BG024612.D

Acq: 2 Nov 2016 4:26

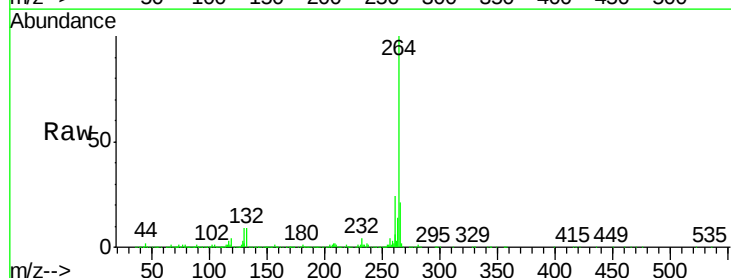
Tgt Ion:264 Resp: 1161685

Ion Ratio Lower Upper

264 100

260 23.5 21.8 32.8

265 21.0 18.2 27.4



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

