

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041715\
 Data File : BG016512.D
 Acq On : 18 Apr 2015 7:45
 Operator : TP/IZ
 Sample : G1868-04
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P5-28(0-5)

Quant Time: Apr 20 02:30:44 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 20 02:16:57 2015
 Response via : Initial Calibration

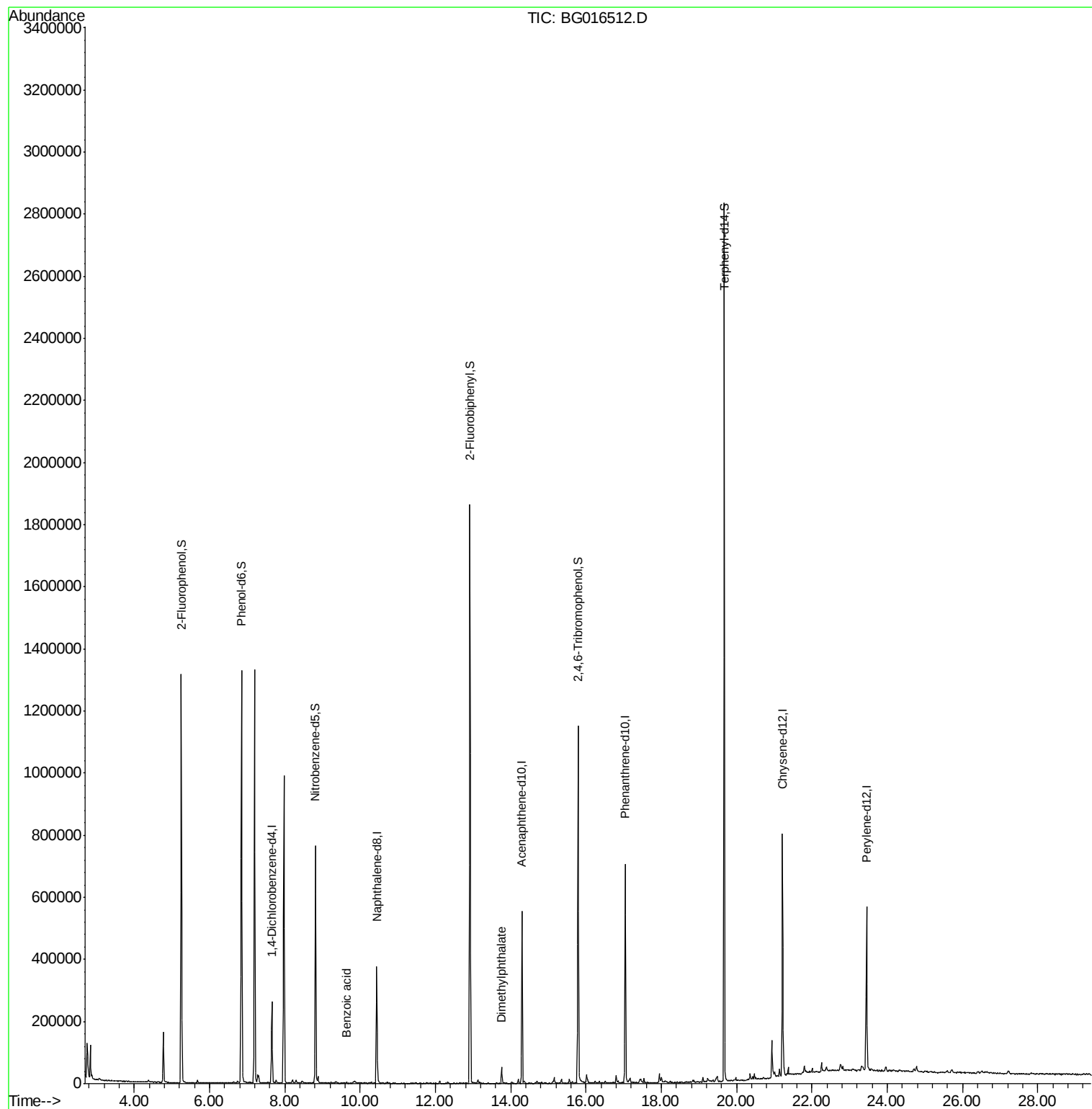
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	74362	20.00	ng	0.00
21) Naphthalene-d8	10.45	136	320164	20.00	ng	0.00
38) Acenaphthene-d10	14.30	164	179356	20.00	ng	0.00
63) Phenanthrene-d10	17.04	188	373300	20.00	ng	0.00
75) Chrysene-d12	21.23	240	322368	20.00	ng	0.00
86) Perylene-d12	23.45	264	301291	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	610336	129.53	ng	0.00
7) Phenol-d6	6.85	99	846757	119.71	ng	0.00
23) Nitrobenzene-d5	8.82	82	441377	79.86	ng	0.00
41) 2,4,6-Tribromophenol	15.79	330	152374	125.62	ng	0.00
44) 2-Fluorobiphenyl	12.92	172	912014	86.58	ng	0.00
78) Terphenyl-d14	19.68	244	1020969	74.12	ng	0.00
Target Compounds						
32) Benzoic acid	9.64	122	1074	8.99	ng	Qvalue # 1
49) Dimethylphthalate	13.76	163	37384	2.84	ng	97

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

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Quant Time: Apr 20 02:30:44 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.M
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.66 min Scan# 846

Delta R.T. 0.00 min

Lab File: BG016512.D

Acq: 18 Apr 2015 7:45

Instrument :

BNA_G

ClientSampleId :

P5-28(0-5)

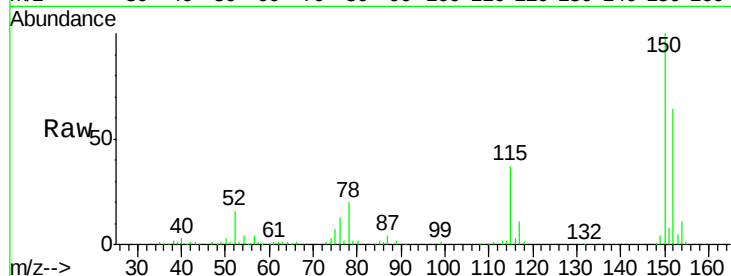
Tgt Ion:152 Resp: 74362

Ion Ratio Lower Upper

152 100

150 156.8 130.1 195.1

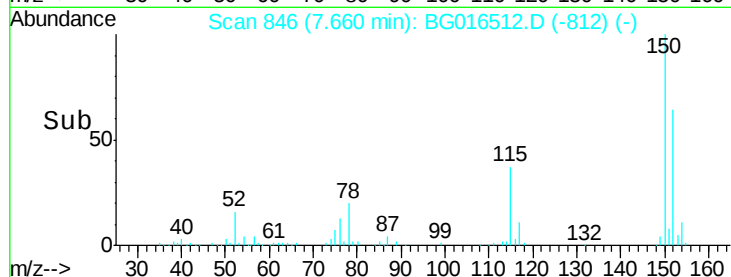
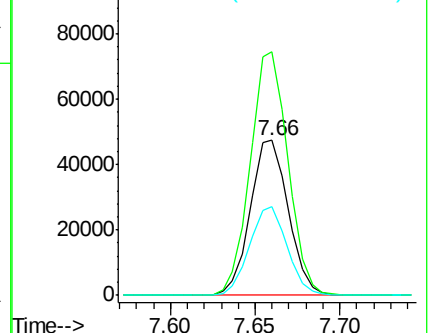
115 57.4 50.5 75.7



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: 129.53 ng

RT: 5.25 min Scan# 436

Delta R.T. 0.00 min

Lab File: BG016512.D

Acq: 18 Apr 2015 7:45

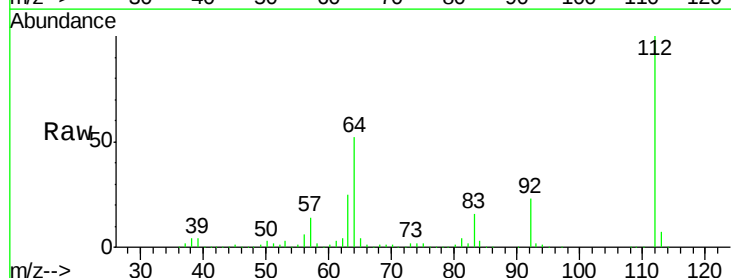
Tgt Ion:112 Resp: 610336

Ion Ratio Lower Upper

112 100

64 52.1 44.5 66.7

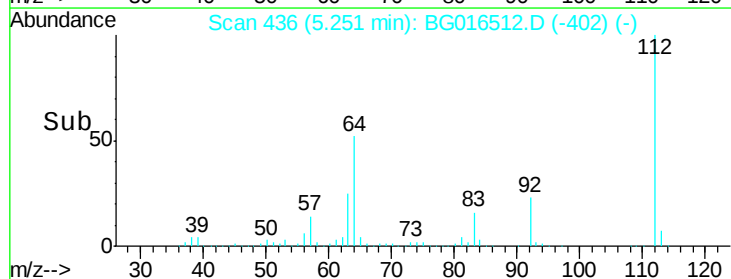
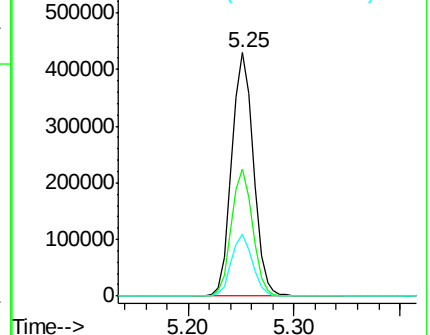
63 25.2 21.4 32.0

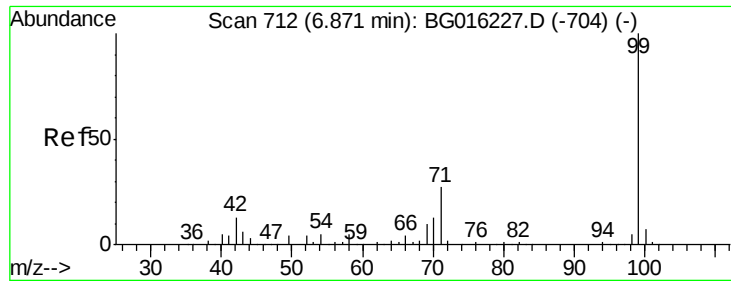


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 119.71 ng

RT: 6.85 min Scan# 708

Delta R.T. 0.00 min

Lab File: BG016512.D

Acq: 18 Apr 2015 7:45

Instrument :

BNA_G

ClientSampleId :

P5-28(0-5)

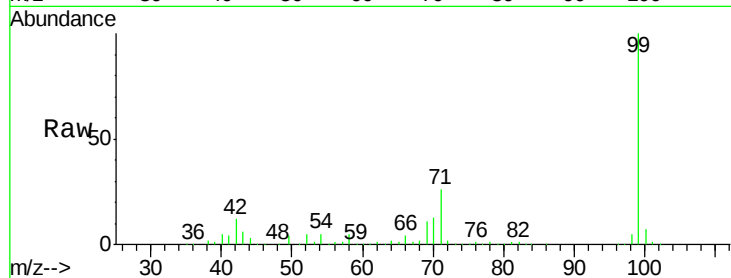
Tgt Ion: 99 Resp: 846757

Ion Ratio Lower Upper

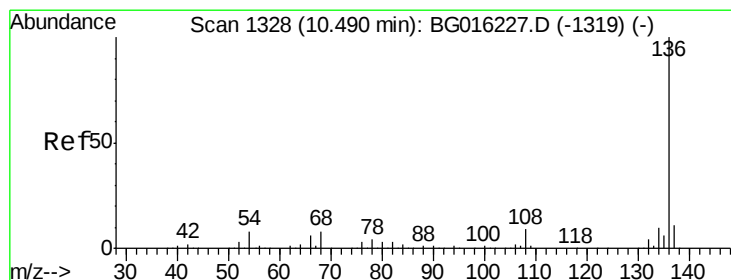
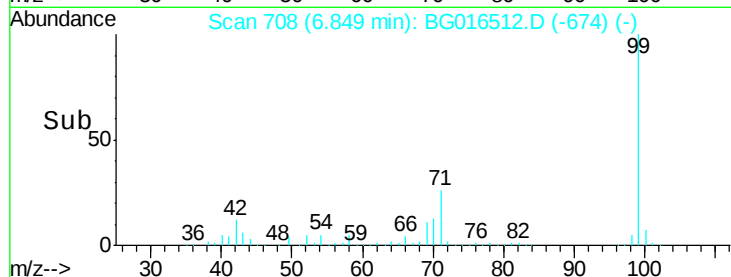
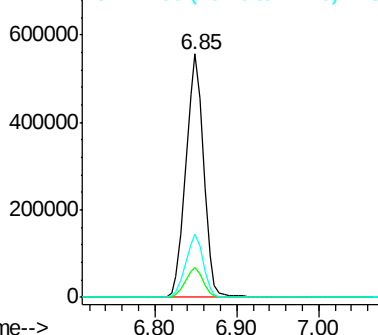
99 100

42 12.3 10.0 15.0

71 26.1 21.5 32.3



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.45 min Scan# 1320

Delta R.T. 0.00 min

Lab File: BG016512.D

Acq: 18 Apr 2015 7:45

Tgt Ion: 136 Resp: 320164

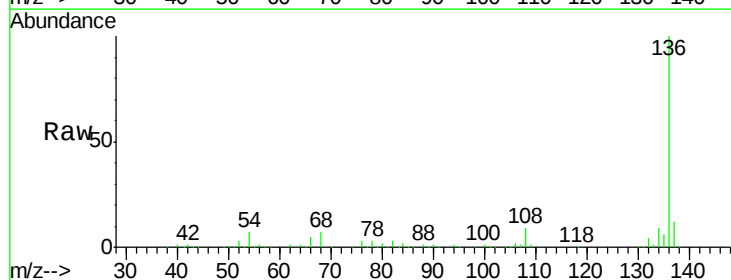
Ion Ratio Lower Upper

136 100

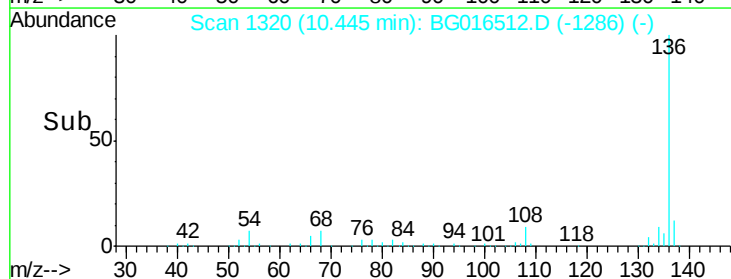
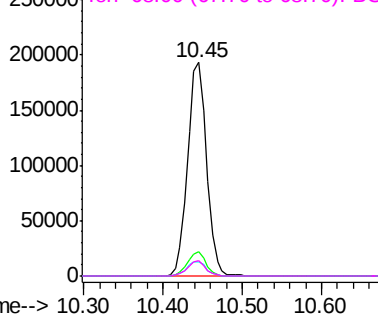
137 11.7 8.7 13.1

54 6.8 6.3 9.5

68 7.0 6.5 9.7



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

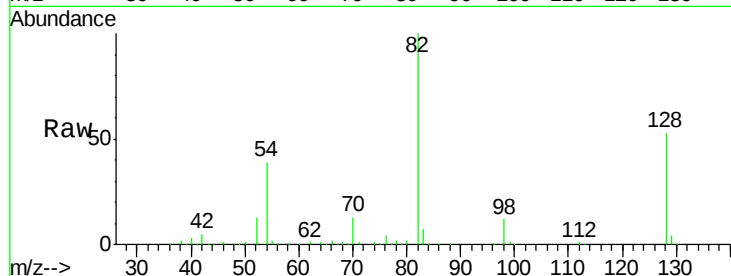




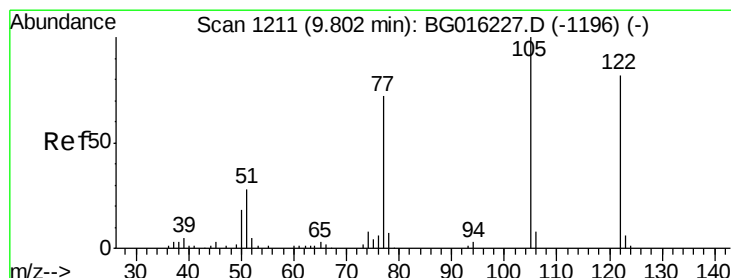
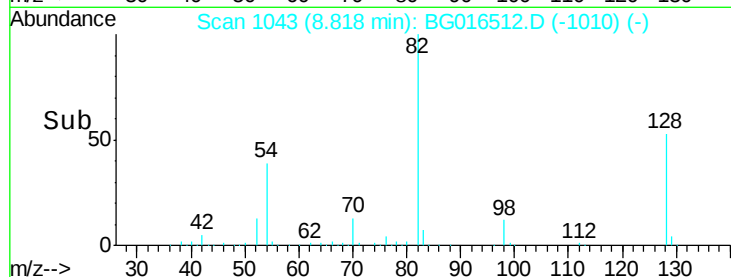
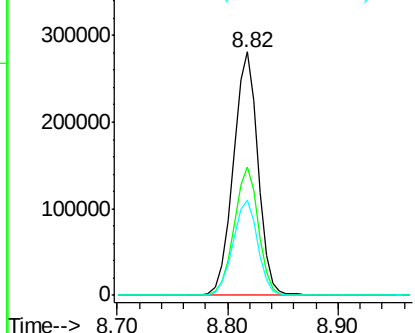
#23
 Nitrobenzene-d5
 Concen: 79.86 ng
 RT: 8.82 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: BG016512.D
 Acq: 18 Apr 2015 7:45

Instrument :
 BNA_G
 ClientSampleId :
 P5-28(0-5)

Tgt Ion: 82 Resp: 441377
 Ion Ratio Lower Upper
 82 100
 128 52.7 37.8 56.8
 54 39.2 32.6 49.0

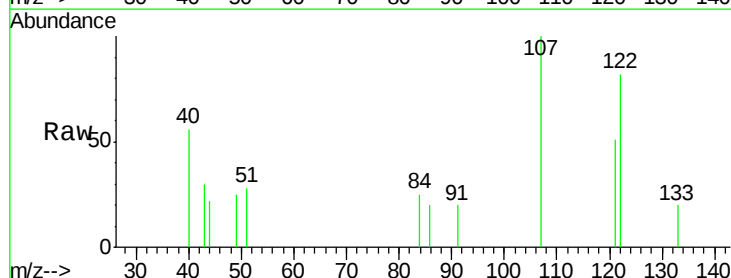


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

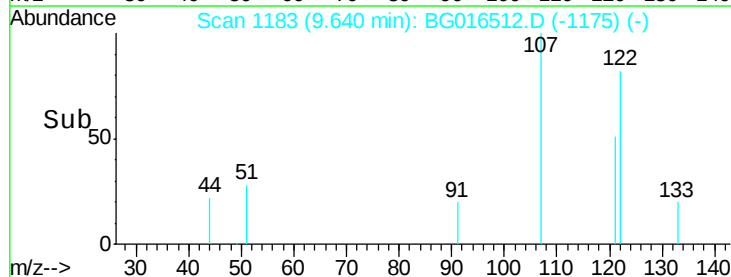
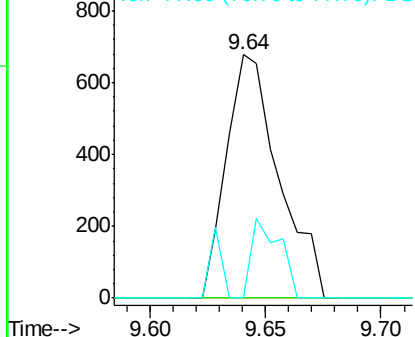


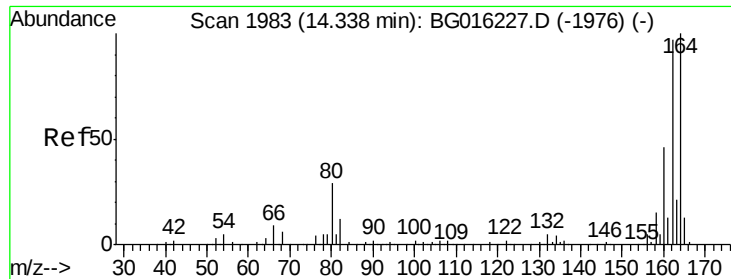
#32
 Benzoic acid
 Concen: 8.99 ng
 RT: 9.64 min Scan# 1183
 Delta R.T. -0.15 min
 Lab File: BG016512.D
 Acq: 18 Apr 2015 7:45

Tgt Ion: 122 Resp: 1074
 Ion Ratio Lower Upper
 122 100
 105 0.0 99.7 139.7#
 77 0.0 66.8 106.8#



Abundance Ion 122.00 (121.70 to 122.70): BGC
 Ion 105.00 (104.70 to 105.70): BGC
 Ion 77.00 (76.70 to 77.70): BGC





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.30 min Scan# 1976

Delta R.T. -0.00 min

Lab File: BG016512.D

Acq: 18 Apr 2015 7:45

Instrument :

BNA_G

ClientSampleId :

P5-28(0-5)

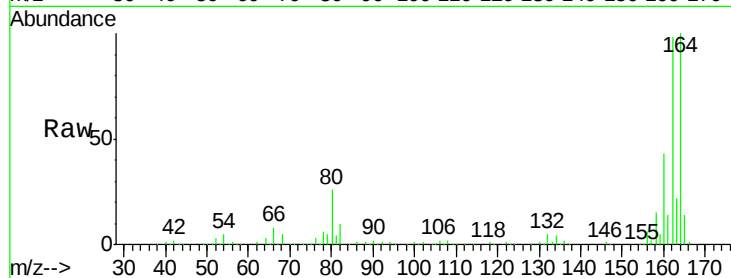
Tgt Ion:164 Resp: 179356

Ion Ratio Lower Upper

164 100

162 97.9 77.3 115.9

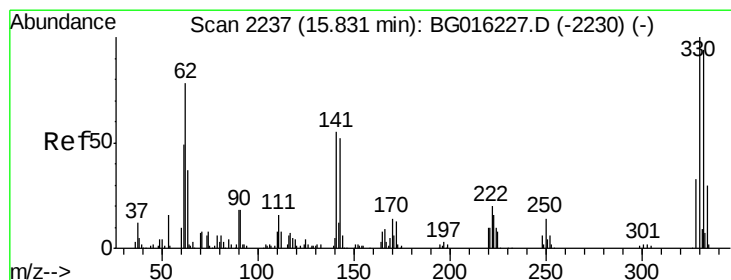
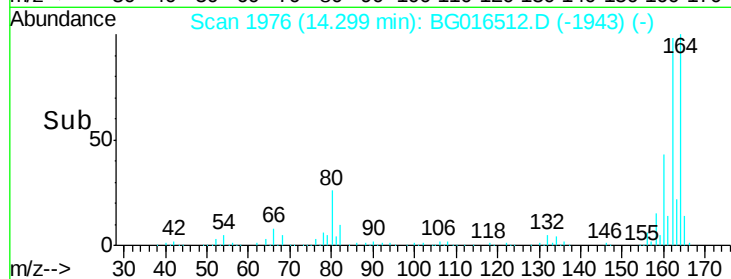
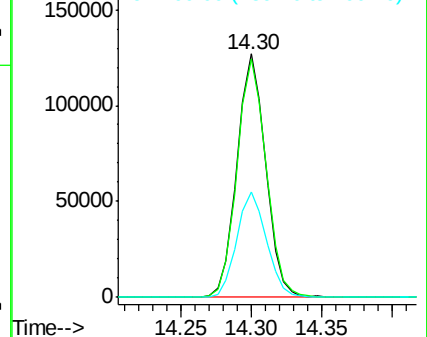
160 43.0 36.7 55.1



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: 125.62 ng

RT: 15.79 min Scan# 2230

Delta R.T. -0.00 min

Lab File: BG016512.D

Acq: 18 Apr 2015 7:45

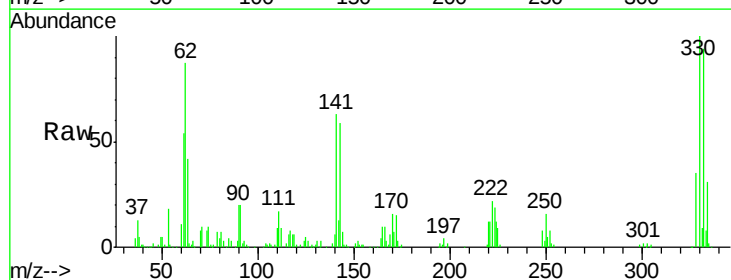
Tgt Ion:330 Resp: 152374

Ion Ratio Lower Upper

330 100

332 96.1 75.8 113.6

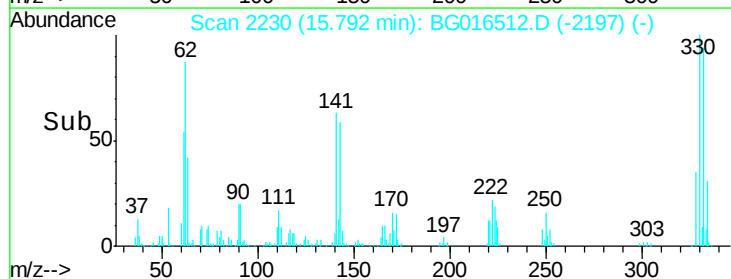
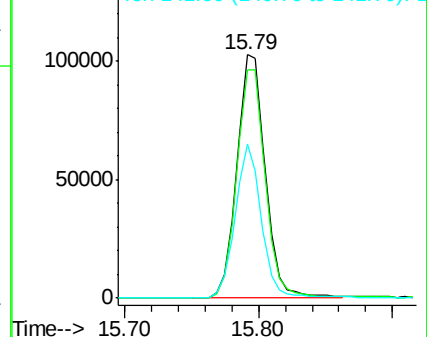
141 59.6 46.6 69.8

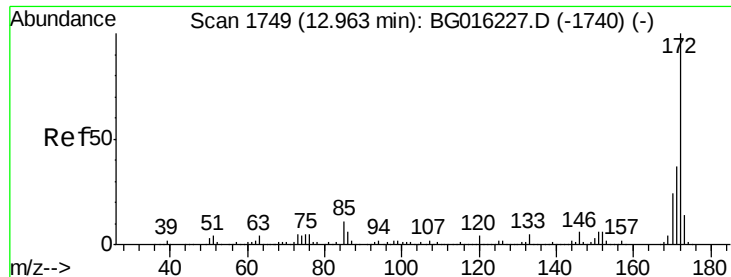


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

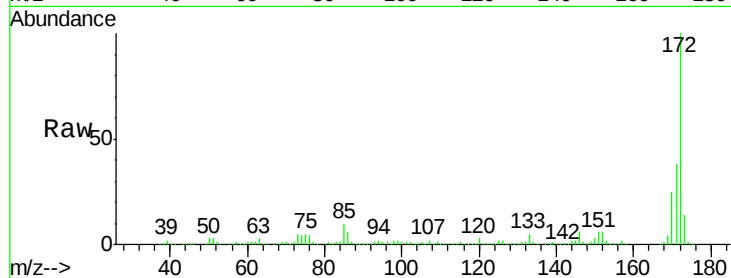




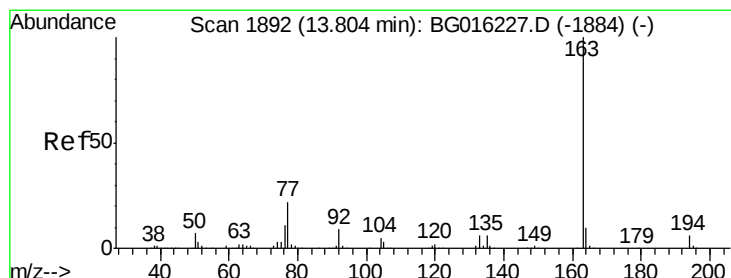
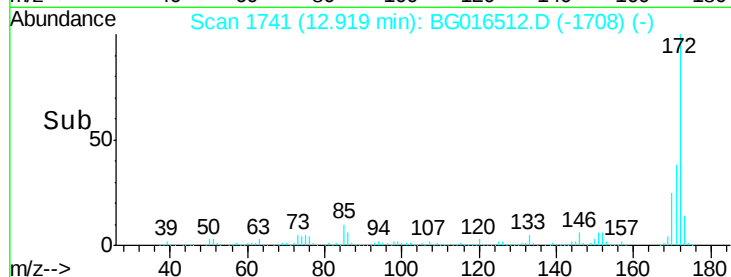
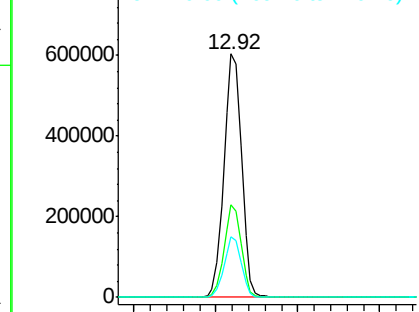
#44
2-Fluorobiphenyl
Concen: 86.58 ng
RT: 12.92 min Scan# 1741
Delta R.T. -0.00 min
Lab File: BG016512.D
Acq: 18 Apr 2015 7:45

Instrument :
BNA_G
ClientSampleId :
P5-28(0-5)

Tgt Ion:172 Resp: 912014
Ion Ratio Lower Upper
172 100
171 37.9 29.6 44.4
170 24.9 19.4 29.2

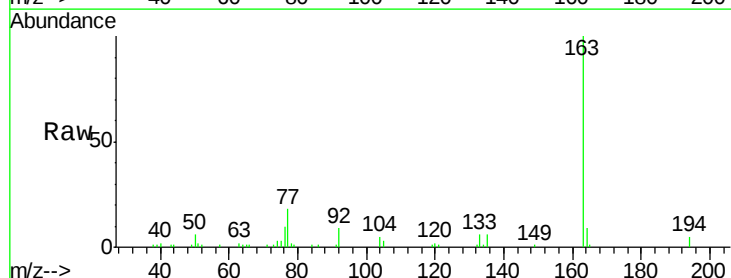


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

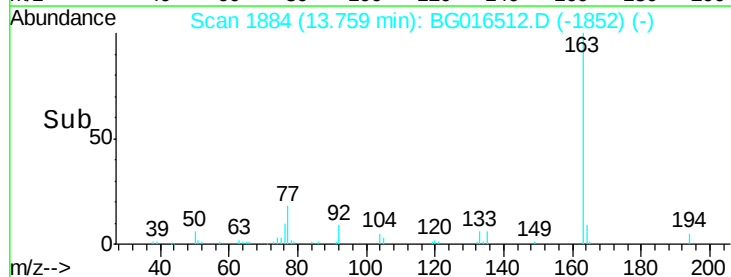
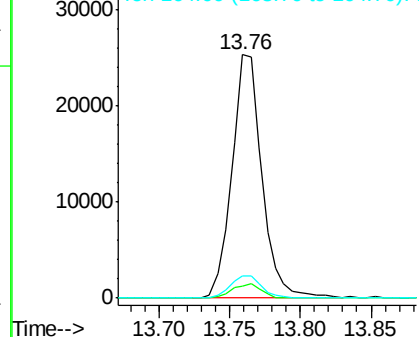


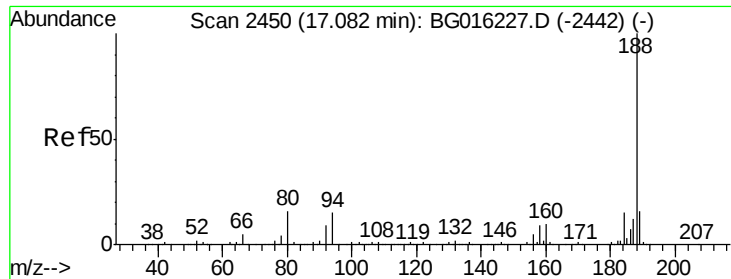
#49
Dimethylphthalate
Concen: 2.84 ng
RT: 13.76 min Scan# 1884
Delta R.T. -0.01 min
Lab File: BG016512.D
Acq: 18 Apr 2015 7:45

Tgt Ion:163 Resp: 37384
Ion Ratio Lower Upper
163 100
194 5.1 5.0 7.4
164 9.3 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

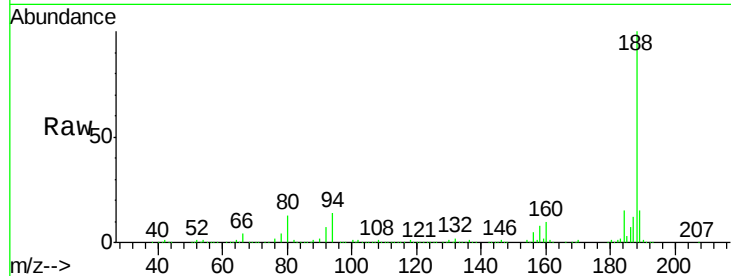




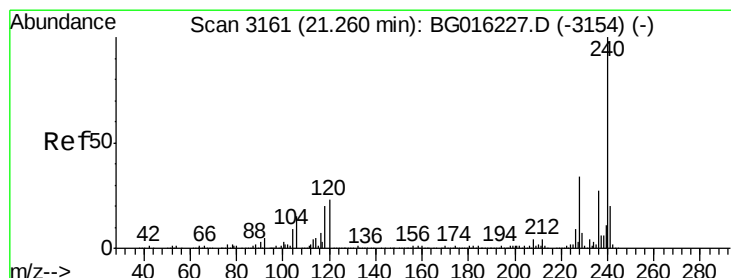
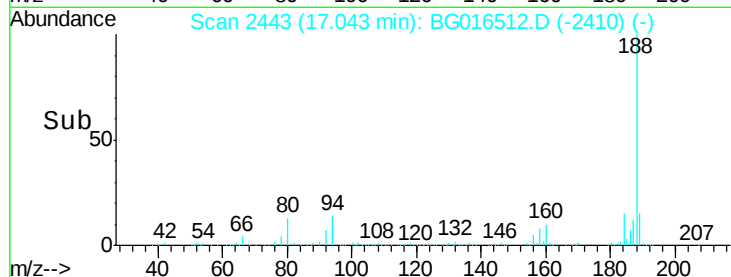
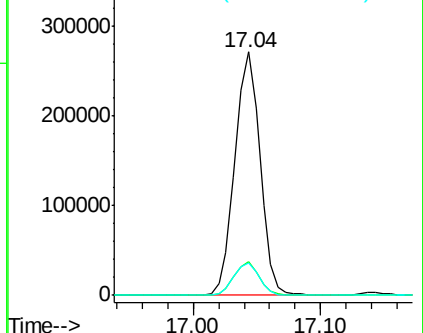
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.04 min Scan# 2443
Delta R.T. -0.00 min
Lab File: BG016512.D
Acq: 18 Apr 2015 7:45

Instrument :
BNA_G
ClientSampleId :
P5-28(0-5)

Tgt Ion:188 Resp: 373300
Ion Ratio Lower Upper
188 100
94 14.1 12.2 18.4
80 13.3 12.8 19.2

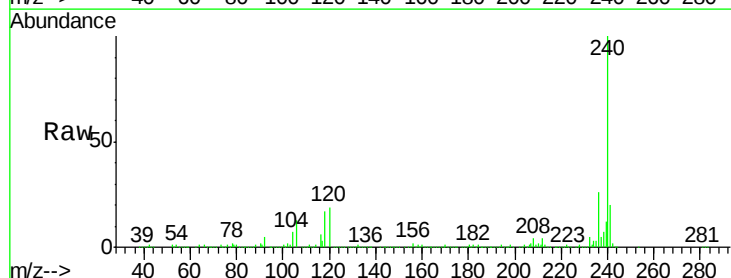


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

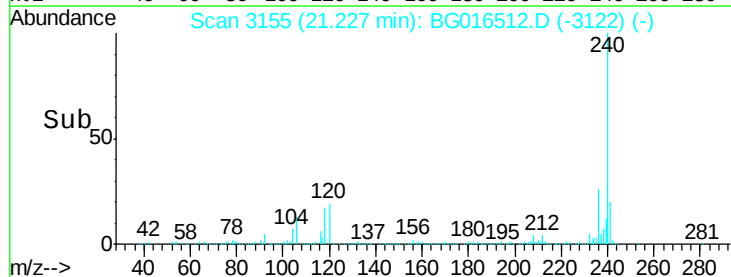
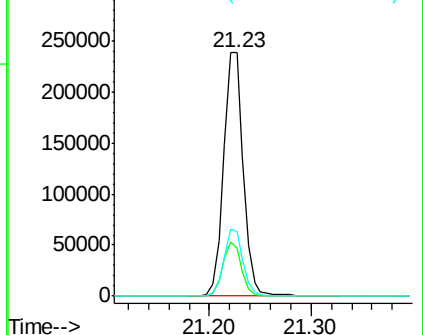


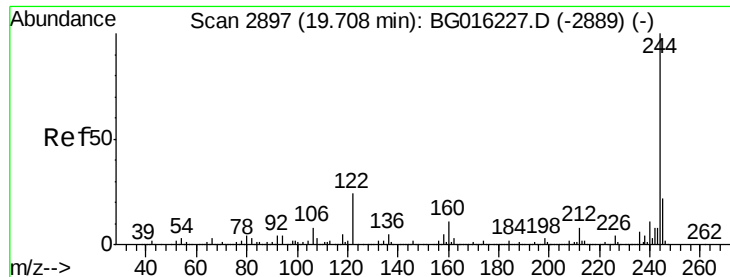
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.23 min Scan# 3155
Delta R.T. -0.00 min
Lab File: BG016512.D
Acq: 18 Apr 2015 7:45

Tgt Ion:240 Resp: 322368
Ion Ratio Lower Upper
240 100
120 19.5 18.6 28.0
236 26.2 21.7 32.5



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

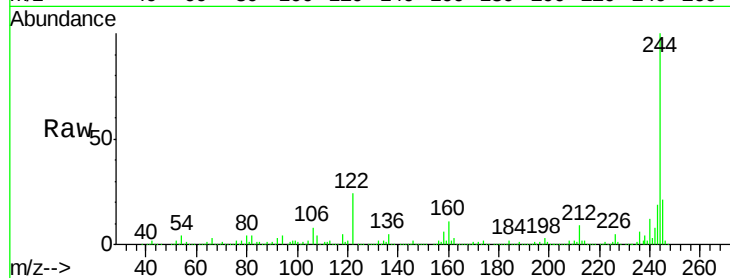




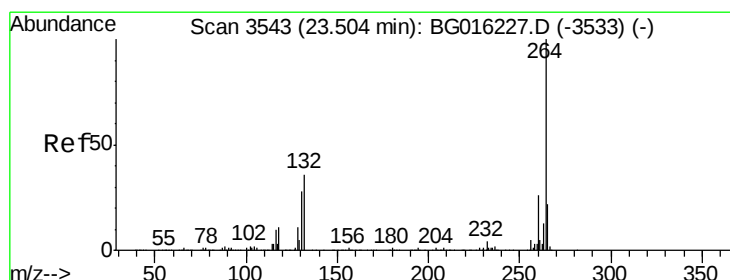
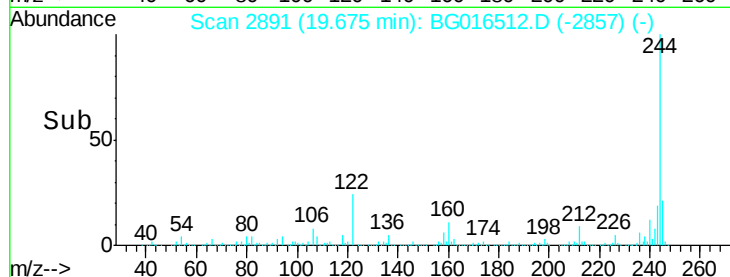
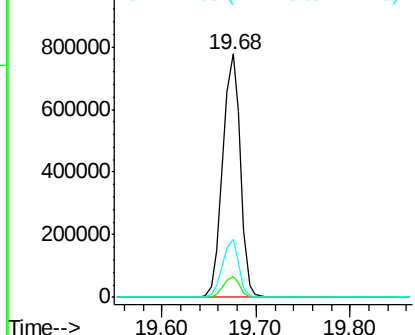
#78
 Terphenyl-d14
 Concen: 74.12 ng
 RT: 19.68 min Scan# 2891
 Delta R.T. 0.00 min
 Lab File: BG016512.D
 Acq: 18 Apr 2015 7:45

Instrument :
 BNA_G
 ClientSampleId :
 P5-28(0-5)

Tgt Ion:244 Resp: 1020969
 Ion Ratio Lower Upper
 244 100
 212 8.6 6.6 9.8
 122 23.6 19.1 28.7

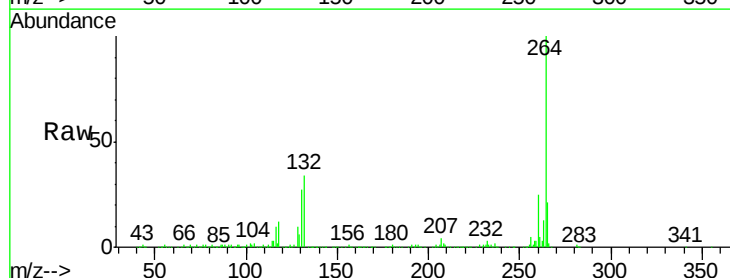


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.45 min Scan# 3534
 Delta R.T. 0.00 min
 Lab File: BG016512.D
 Acq: 18 Apr 2015 7:45

Tgt Ion:264 Resp: 301291
 Ion Ratio Lower Upper
 264 100
 260 25.1 20.4 30.6
 265 21.2 17.2 25.8



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

