

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040215\
 Data File : BF078226.D
 Acq On : 3 Apr 2015 5:31
 Operator : TP/IZ
 Sample : G1736-12
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-24

Quant Time: Apr 03 05:44:43 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 03 00:57:15 2015
 Response via : Initial Calibration

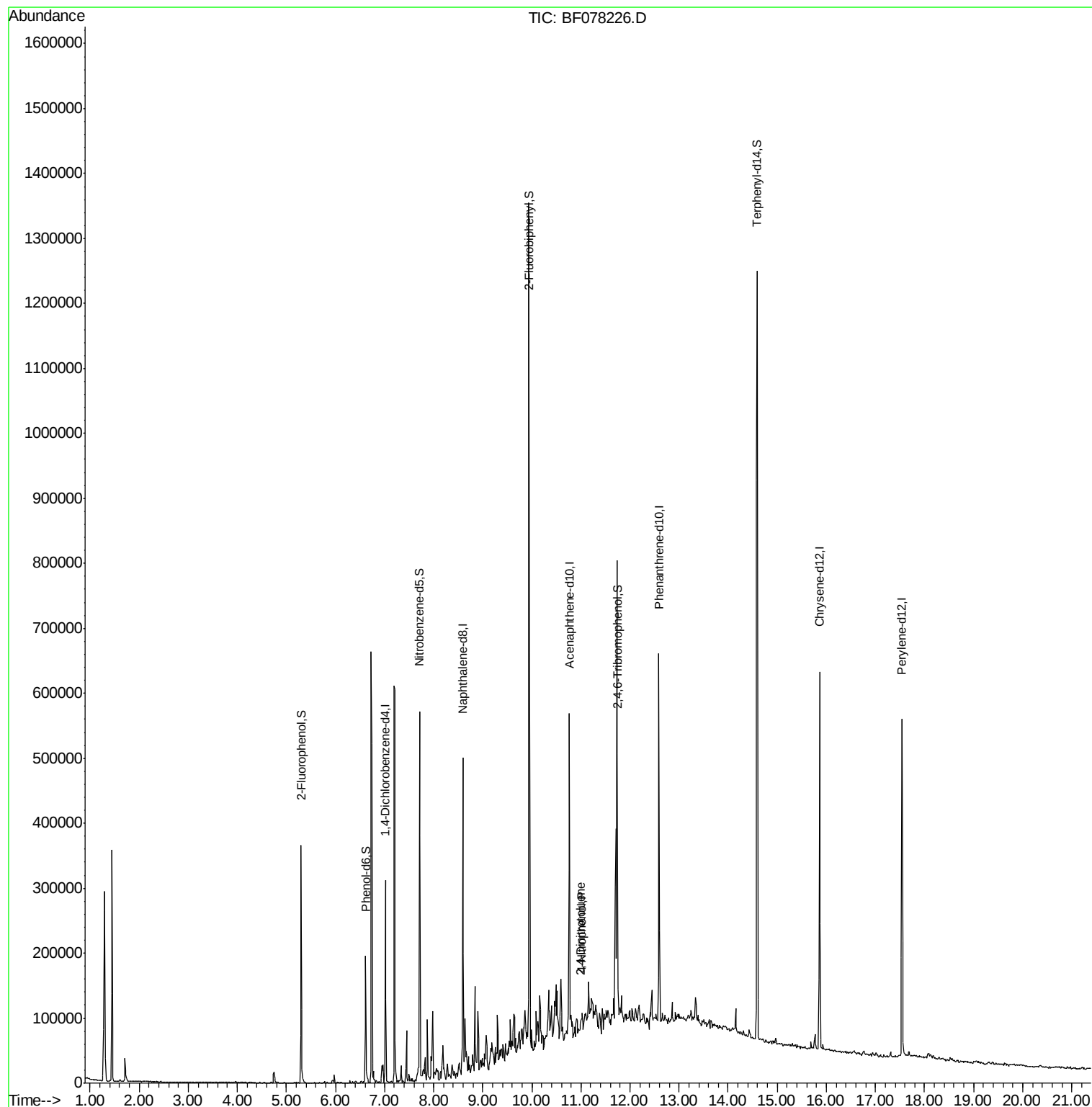
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.01	152	53780	20.00	ng	0.00
21) Naphthalene-d8	8.59	136	219741	20.00	ng	0.00
38) Acenaphthene-d10	10.76	164	114849	20.00	ng	0.00
63) Phenanthrene-d10	12.59	188	215626	20.00	ng	0.00
75) Chrysene-d12	15.86	240	224776	20.00	ng	-0.02
86) Perylene-d12	17.54	264	219263	20.00	ng	-0.13
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	123684	37.92	ng	0.01
7) Phenol-d6	6.61	99	88960	21.76	ng	0.01
23) Nitrobenzene-d5	7.71	82	221591	61.12	ng	-0.01
41) 2,4,6-Tribromophenol	11.74	330	94352	99.06	ng	0.00
44) 2-Fluorobiphenyl	9.94	172	483624	60.19	ng	0.00
78) Terphenyl-d14	14.59	244	522260	52.50	ng	0.00
Target Compounds						
55) 4-Nitrophenol	11.01	139	1503	3.74	ng	# 33
56) 2,4-Dinitrotoluene	11.00	165	5324	2.32	ng	# 75

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

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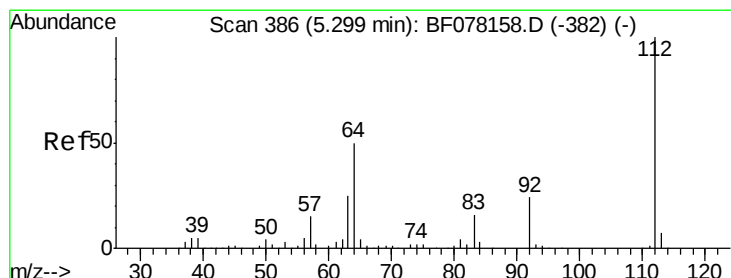
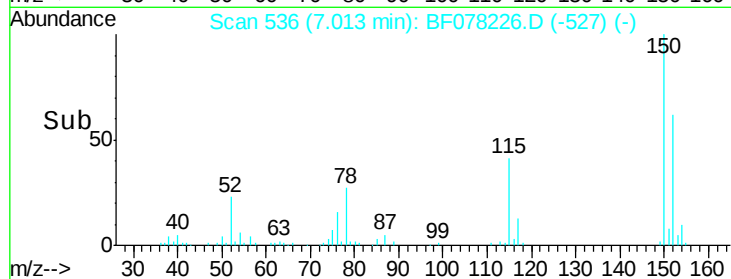
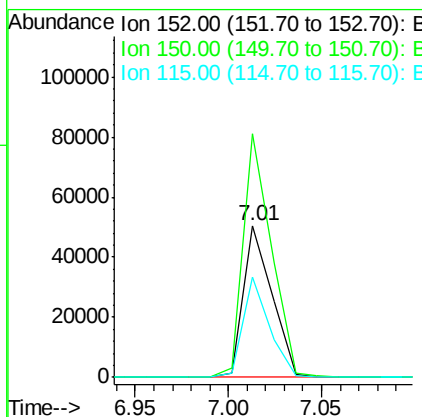
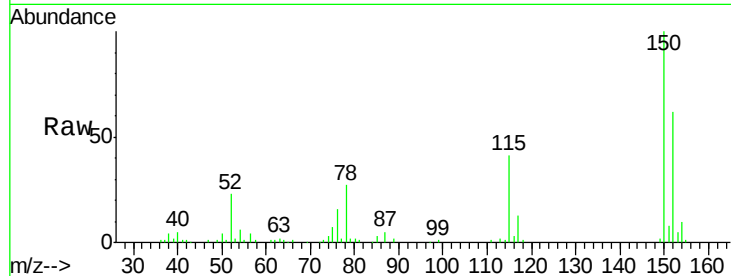




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.01 min Scan# 536
 Delta R.T. 0.00 min
 Lab File: BF078226.D
 Acq: 3 Apr 2015 5:31

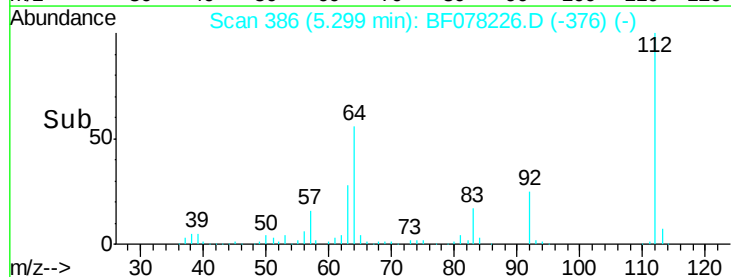
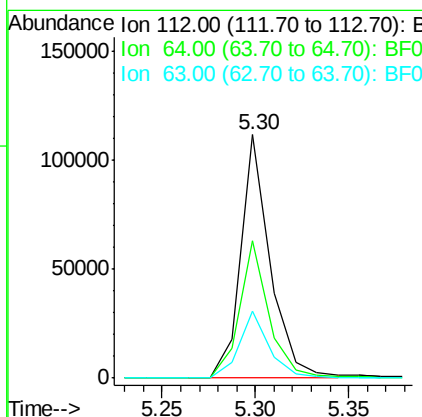
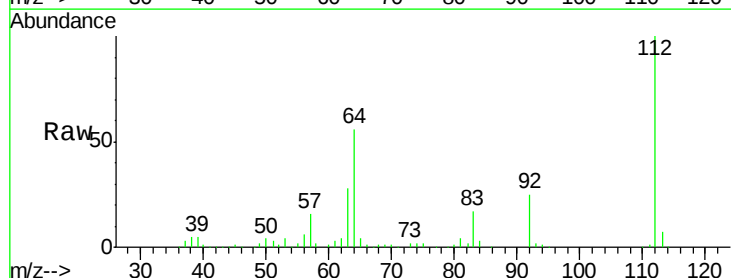
Instrument :
 BNA_F
 ClientSampled :
 MW-24

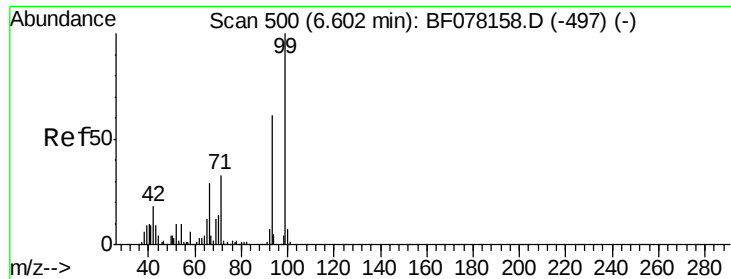
Tgt Ion:152 Resp: 53780
 Ion Ratio Lower Upper
 152 100
 150 160.7 125.9 188.9
 115 66.6 52.7 79.1



#5
 2-Fluorophenol
 Concen: 37.92 ng
 RT: 5.30 min Scan# 386
 Delta R.T. 0.01 min
 Lab File: BF078226.D
 Acq: 3 Apr 2015 5:31

Tgt Ion:112 Resp: 123684
 Ion Ratio Lower Upper
 112 100
 64 56.3 39.9 59.9
 63 27.7 20.2 30.4





#7

Phenol-d6

Concen: 21.76 ng

RT: 6.61 min Scan# 501

Delta R.T. 0.01 min

Lab File: BF078226.D

Acq: 3 Apr 2015 5:31

Instrument :

BNA_F

ClientSampleId :

MW-24

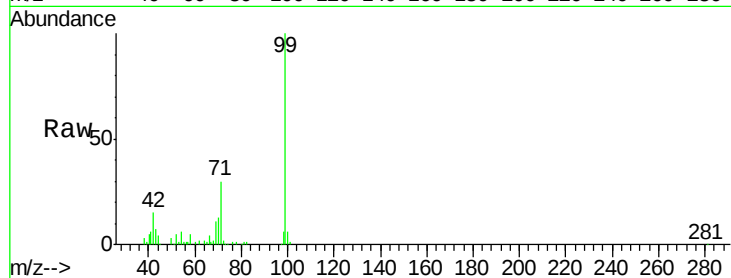
Tgt Ion: 99 Resp: 88960

Ion Ratio Lower Upper

99 100

42 14.9 14.8 22.2

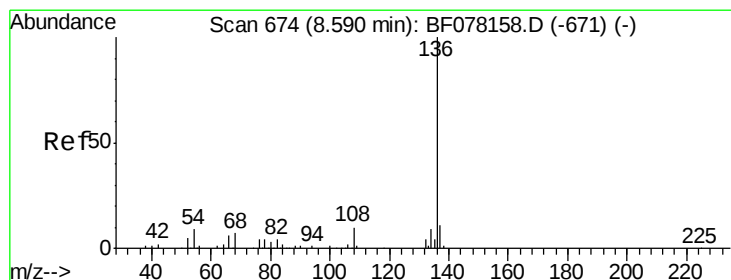
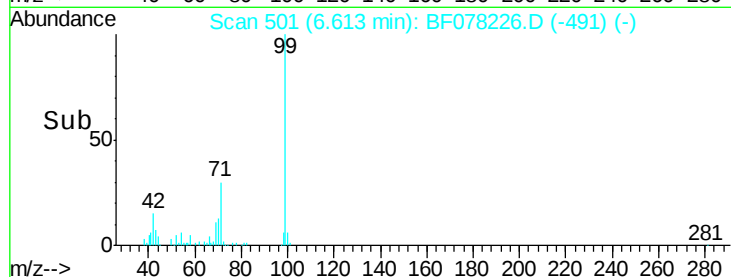
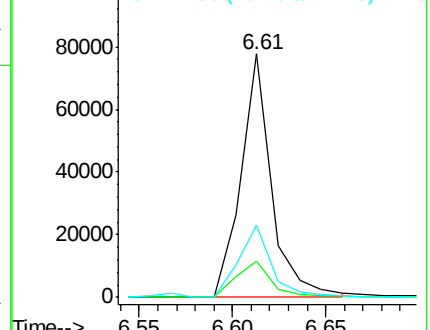
71 29.5 26.6 39.8



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.59 min Scan# 674

Delta R.T. 0.00 min

Lab File: BF078226.D

Acq: 3 Apr 2015 5:31

Tgt Ion: 136 Resp: 219741

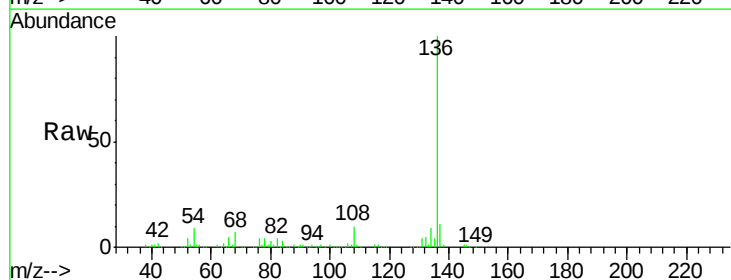
Ion Ratio Lower Upper

136 100

137 11.1 9.0 13.4

54 8.7 7.0 10.6

68 6.7 5.4 8.2

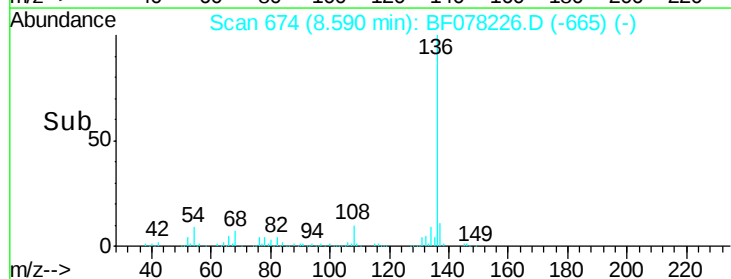
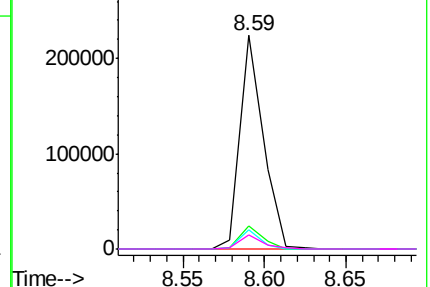


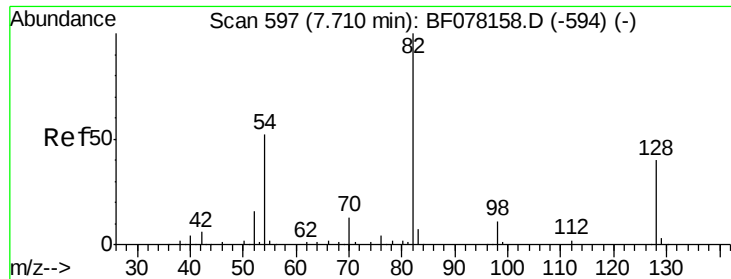
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

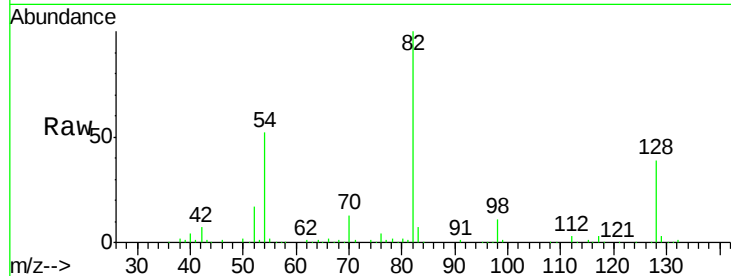




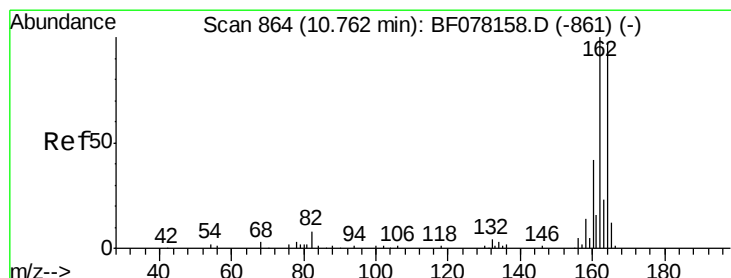
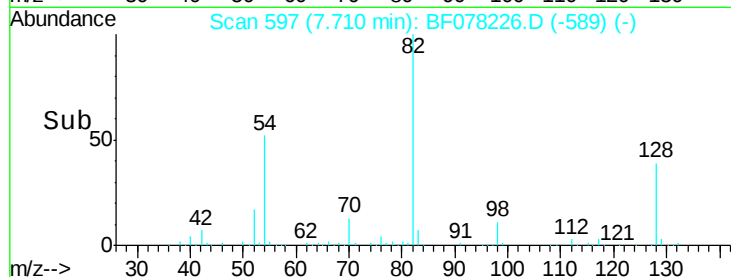
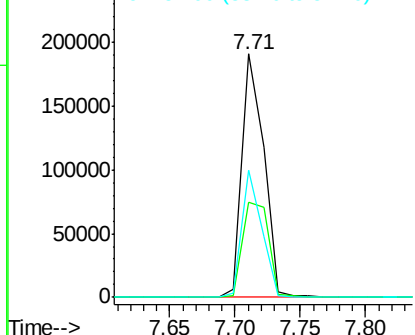
#23
 Nitrobenzene-d5
 Concen: 61.12 ng
 RT: 7.71 min Scan# 597
 Delta R.T. -0.01 min
 Lab File: BF078226.D
 Acq: 3 Apr 2015 5:31

Instrument :
 BNA_F
 ClientSampleId :
 MW-24

Tgt Ion: 82 Resp: 221591
 Ion Ratio Lower Upper
 82 100
 128 39.3 31.8 47.8
 54 52.4 41.5 62.3

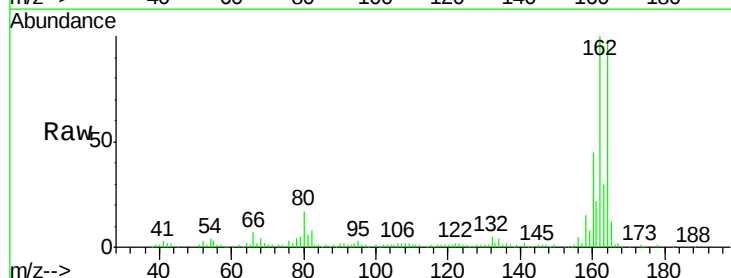


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

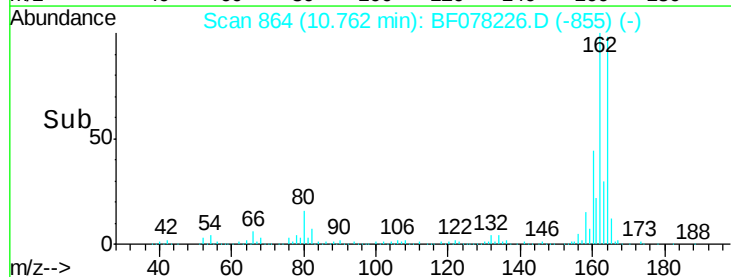
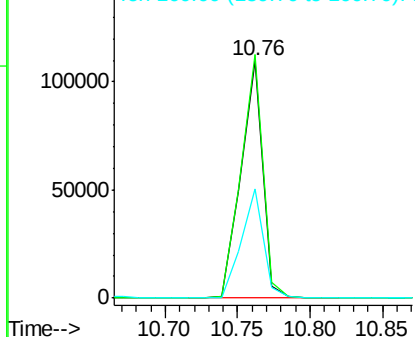


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.76 min Scan# 864
 Delta R.T. 0.00 min
 Lab File: BF078226.D
 Acq: 3 Apr 2015 5:31

Tgt Ion: 164 Resp: 114849
 Ion Ratio Lower Upper
 164 100
 162 102.5 82.2 123.2
 160 45.8 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

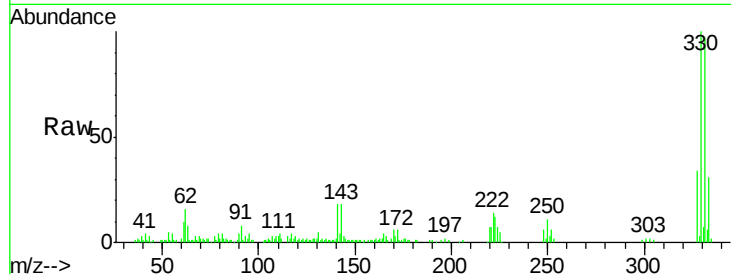




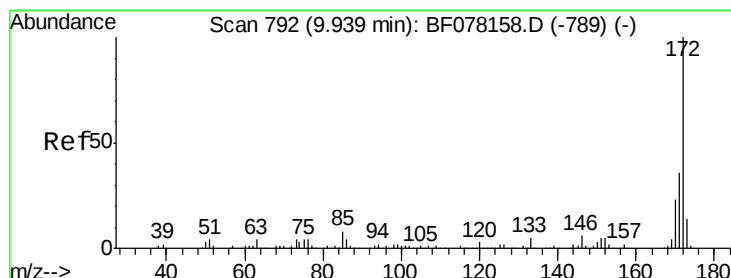
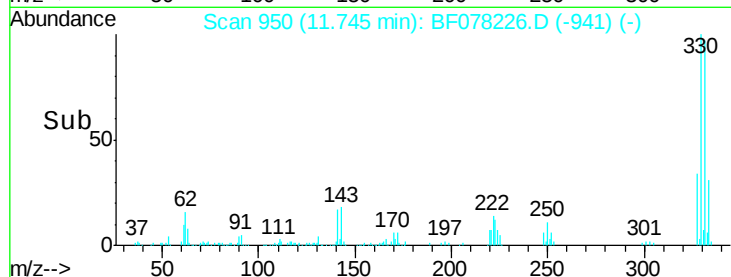
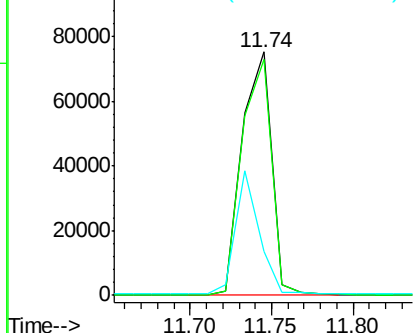
#41
 2,4,6-Tribromophenol
 Concen: 99.06 ng
 RT: 11.74 min Scan# 950
 Delta R.T. 0.00 min
 Lab File: BF078226.D
 Acq: 3 Apr 2015 5:31

Instrument :
 BNA_F
 ClientSampled :
 MW-24

Tgt Ion:330 Resp: 94352
 Ion Ratio Lower Upper
 330 100
 332 98.3 78.6 117.8
 141 41.0 31.2 46.8

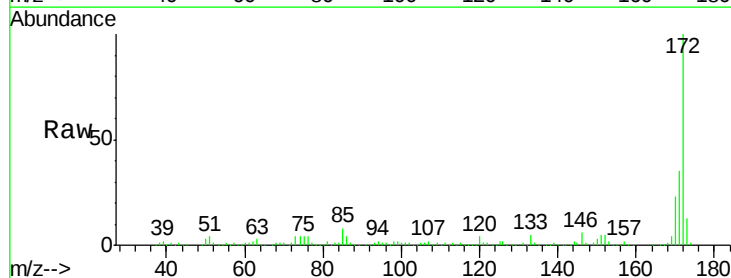


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

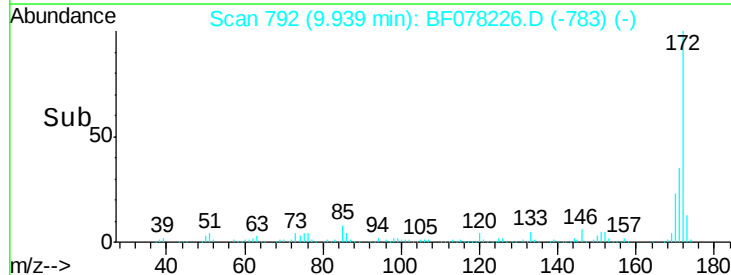
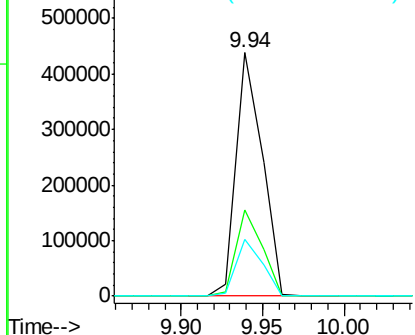


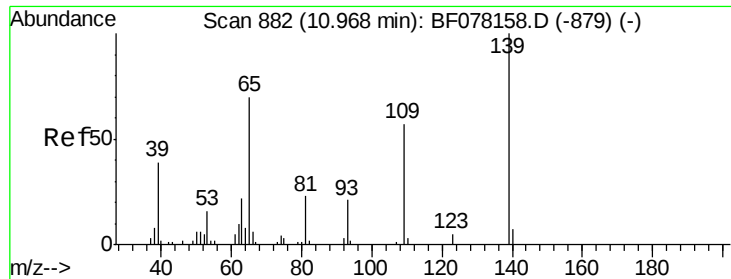
#44
 2-Fluorobiphenyl
 Concen: 60.19 ng
 RT: 9.94 min Scan# 792
 Delta R.T. 0.00 min
 Lab File: BF078226.D
 Acq: 3 Apr 2015 5:31

Tgt Ion:172 Resp: 483624
 Ion Ratio Lower Upper
 172 100
 171 35.2 28.6 42.8
 170 23.2 18.5 27.7



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

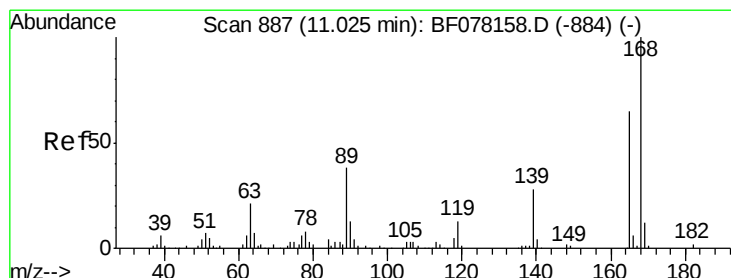
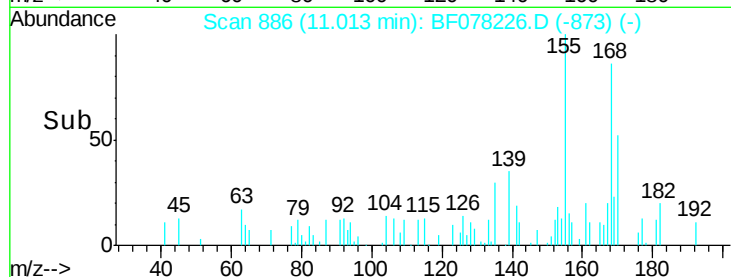
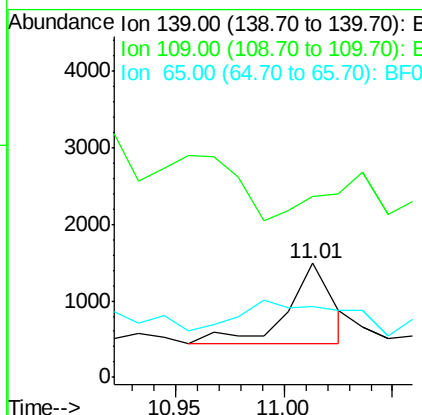
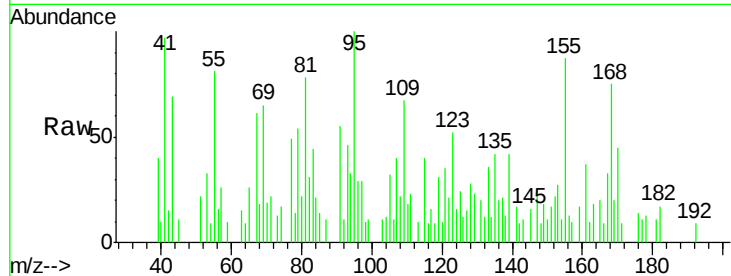




#55
4-Nitrophenol
Concen: 3.74 ng
RT: 11.01 min Scan# 886
Delta R.T. 0.05 min
Lab File: BF078226.D
Acq: 3 Apr 2015 5:31

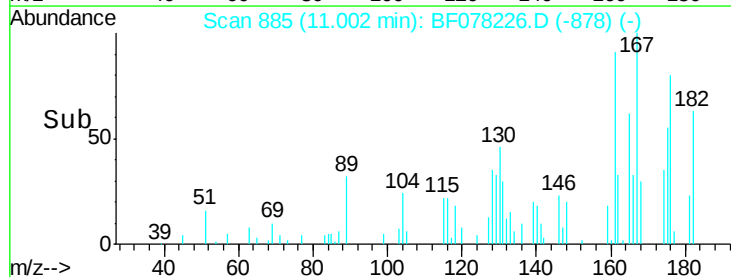
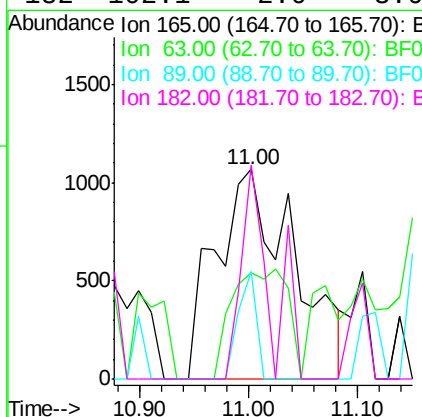
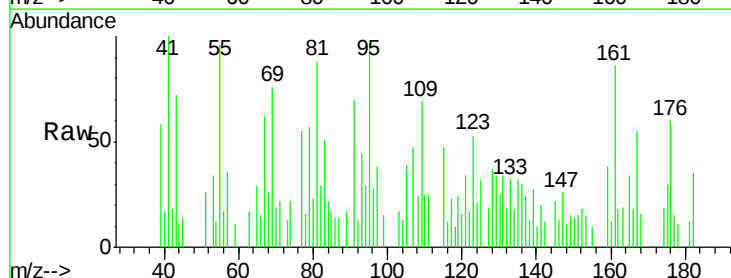
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MW-24

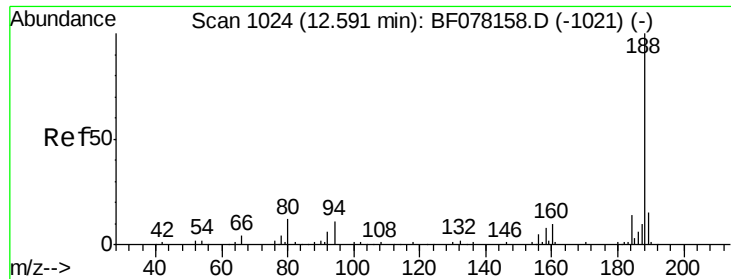
Tgt Ion:139 Resp: 1503
Ion Ratio Lower Upper
139 100
109 158.2 36.7 76.7#
65 62.0 49.9 89.9



#56
2,4-Dinitrotoluene
Concen: 2.32 ng
RT: 11.00 min Scan# 885
Delta R.T. -0.02 min
Lab File: BF078226.D
Acq: 3 Apr 2015 5:31

Tgt Ion:165 Resp: 5324
Ion Ratio Lower Upper
165 100
63 50.9 26.5 39.7#
89 51.1 46.4 69.6
182 102.1 2.0 3.0#

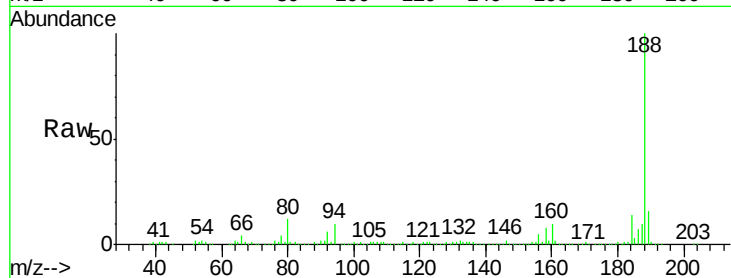




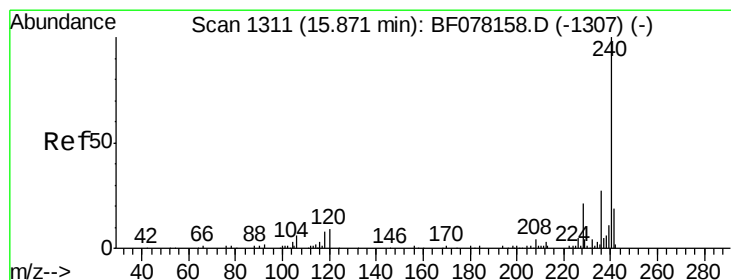
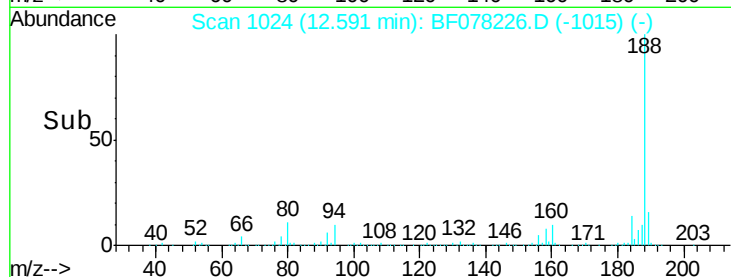
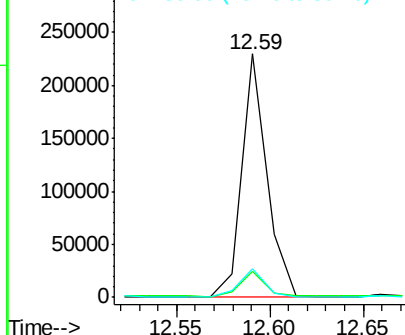
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.59 min Scan# 1024
Delta R.T. 0.00 min
Lab File: BF078226.D
Acq: 3 Apr 2015 5:31

Instrument :
BNA_F
ClientSampleId :
MW-24

Tgt Ion:188 Resp: 215626
Ion Ratio Lower Upper
188 100
94 10.5 9.0 13.4
80 11.5 9.5 14.3

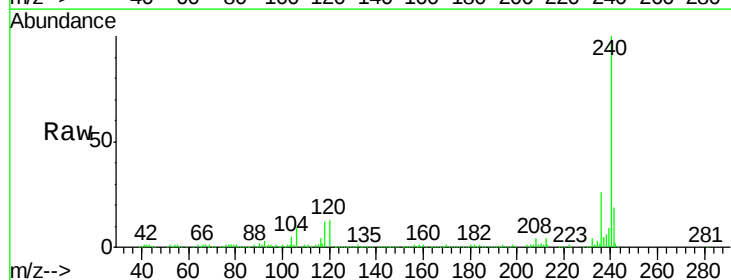


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

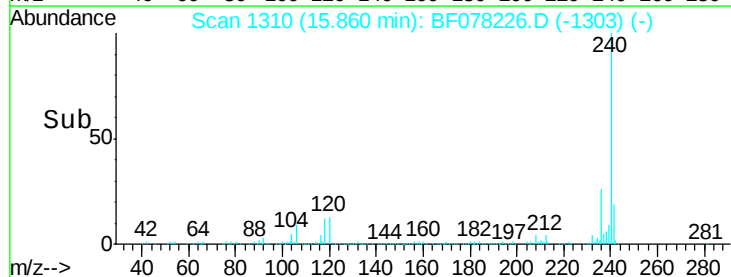
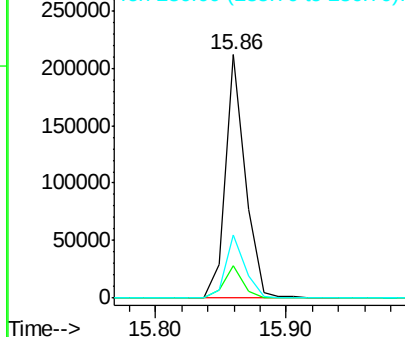


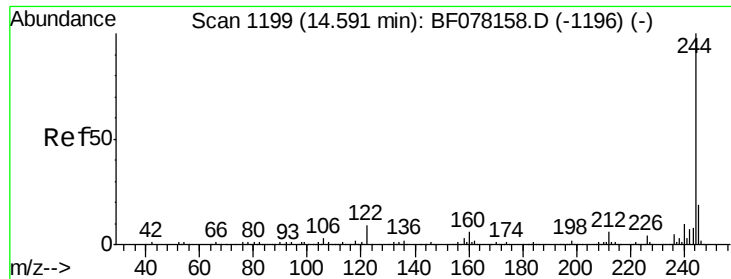
#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.86 min Scan# 1310
Delta R.T. -0.02 min
Lab File: BF078226.D
Acq: 3 Apr 2015 5:31

Tgt Ion:240 Resp: 224776
Ion Ratio Lower Upper
240 100
120 13.3 7.1 10.7#
236 25.8 21.4 32.2



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: 52.50 ng

RT: 14.59 min Scan# 1199

Delta R.T. 0.00 min

Lab File: BF078226.D

Acq: 3 Apr 2015 5:31

Instrument :

BNA_F

ClientSampleId :

MW-24

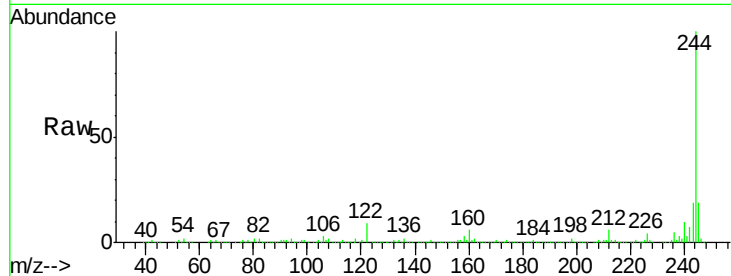
Tgt Ion:244 Resp: 522260

Ion Ratio Lower Upper

244 100

212 6.5 5.0 7.4

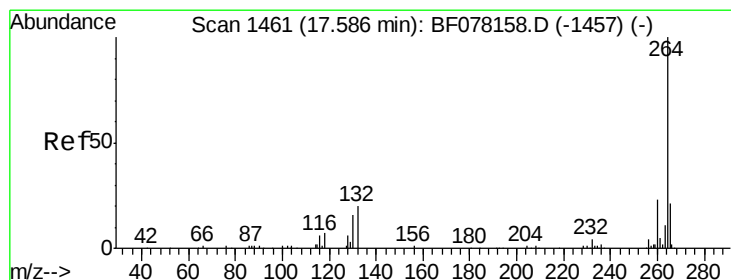
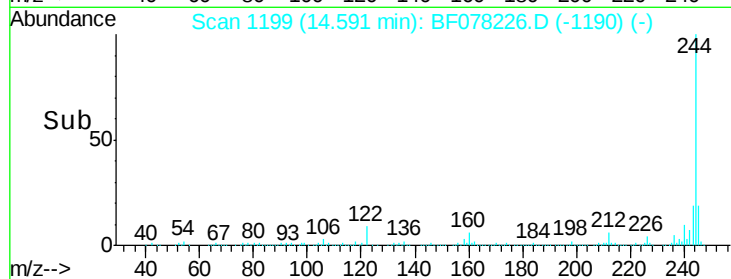
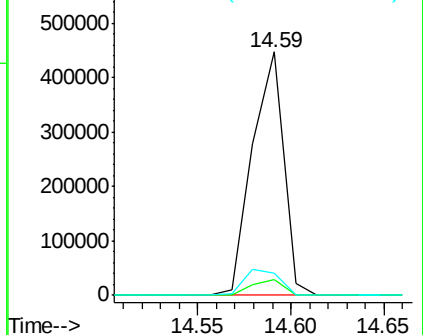
122 9.2 7.1 10.7



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: 17.54 min Scan# 1457

Delta R.T. -0.13 min

Lab File: BF078226.D

Acq: 3 Apr 2015 5:31

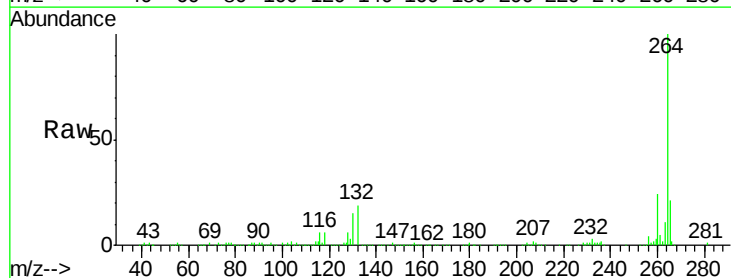
Tgt Ion:264 Resp: 219263

Ion Ratio Lower Upper

264 100

260 24.3 18.6 27.8

265 21.5 17.0 25.6



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

