

Data Path : Z:\HPCHEM1\BNA F\DATA\BF053116\
 Data File : BF087591.D
 Acq On : 31 May 2016 20:49
 Operator : UM/SJ
 Sample : H3222-12
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-11

Quant Time: Jun 01 03:51:36 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF052316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 01 03:17:16 2016
 Response via : Initial Calibration

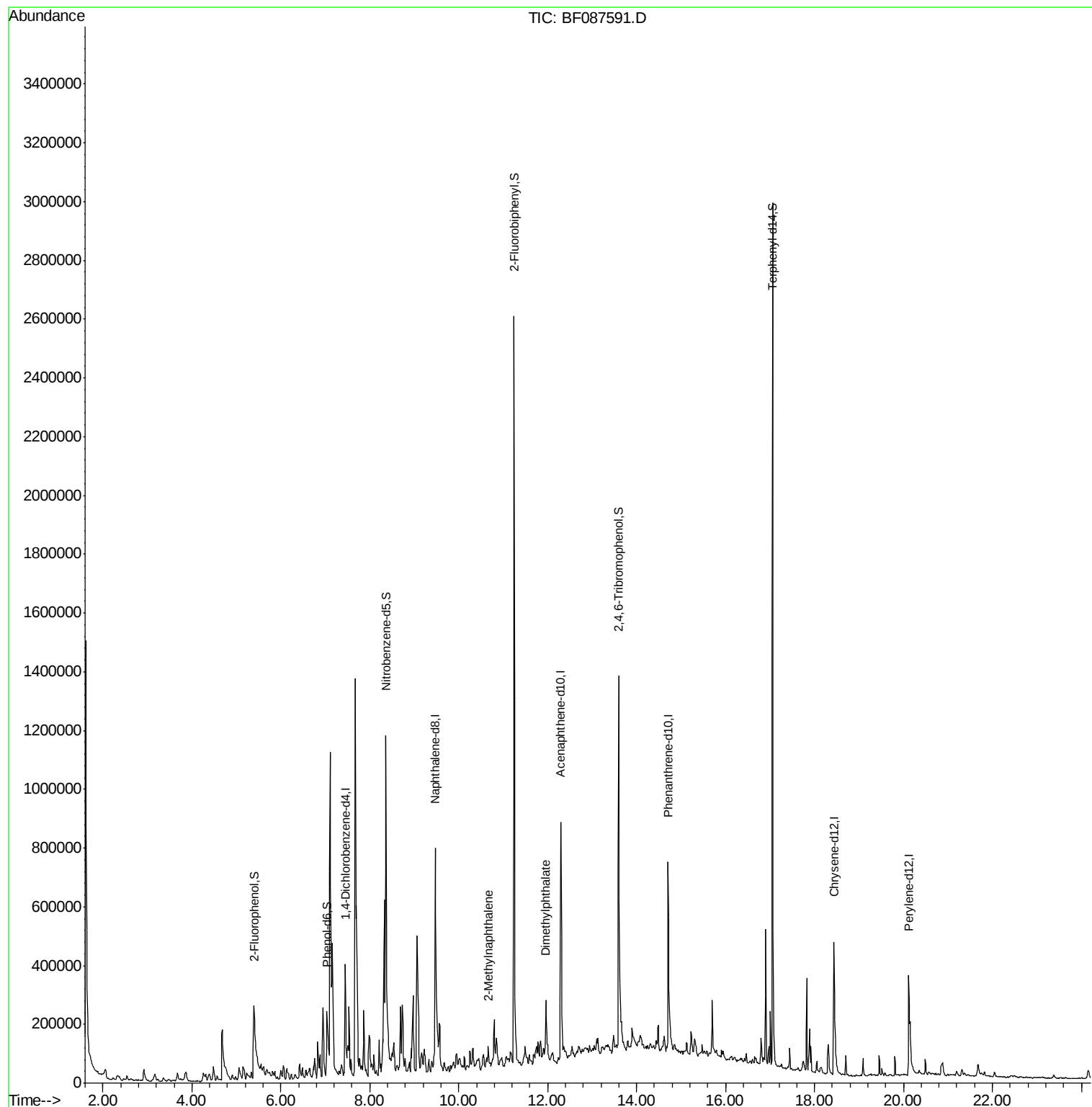
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	109286	20.00	ng	0.00
21) Naphthalene-d8	9.47	136	450969	20.00	ng	0.00
38) Acenaphthene-d10	12.30	164	214489	20.00	ng	-0.01
63) Phenanthrene-d10	14.71	188	417203	20.00	ng	0.00
75) Chrysene-d12	18.43	240	381300	20.00	ng	0.01
86) Perylene-d12	20.11	264	299745	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	245087	39.41	ng	0.05
7) Phenol-d6	7.04	99	228652	27.21	ng	0.02
23) Nitrobenzene-d5	8.36	82	675116	75.45	ng	-0.01
41) 2,4,6-Tribromophenol	13.60	330	205167	99.54	ng	-0.01
44) 2-Fluorobiphenyl	11.24	172	1103379	72.52	ng	-0.01
78) Terphenyl-d14	17.06	244	1060111	59.11	ng	0.00
Target Compounds						
37) 2-Methylnaphthalene	10.66	142	35984	2.55	ng	Qvalue # 94
49) Dimethylphthalate	11.95	163	103259	6.01	ng	98

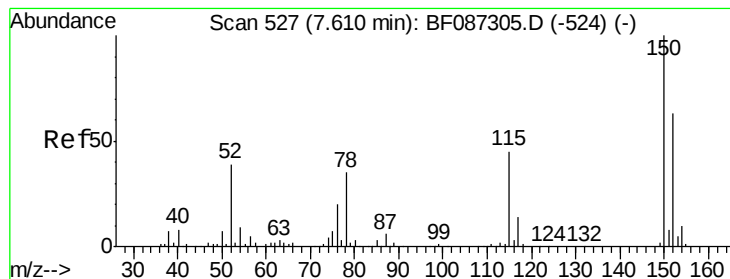
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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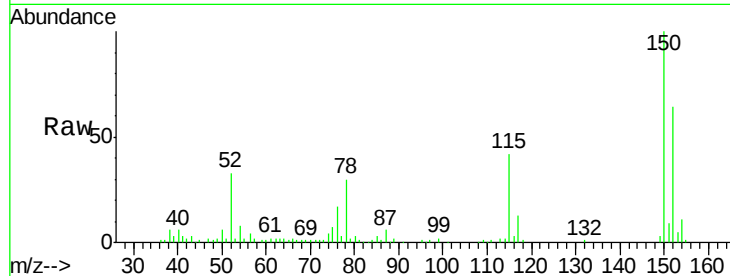


#1

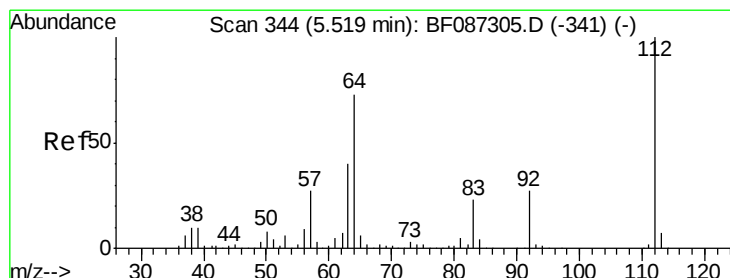
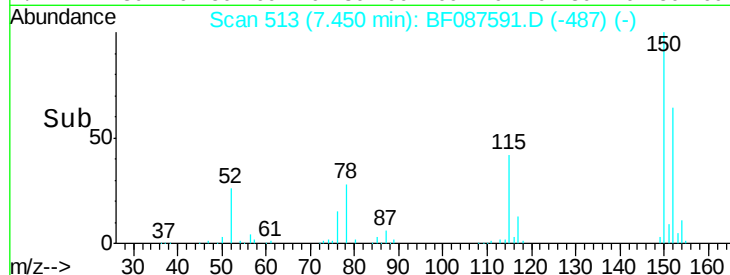
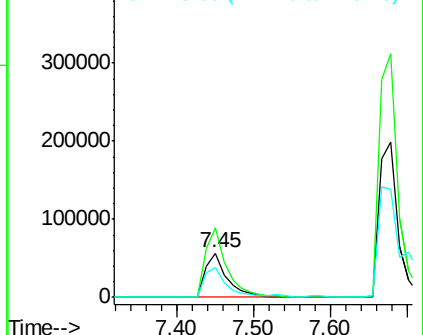
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.45 min Scan# 513
Delta R.T. 0.00 min
Lab File: BF087591.D
Acq: 31 May 2016 20:49

Instrument :
BNA_F
ClientSampleId :
MW-11

Tot Ion:152 Resp: 109286
Ion Ratio Lower Upper
152 100
150 155.1 125.8 188.6
115 65.8 51.5 77.3



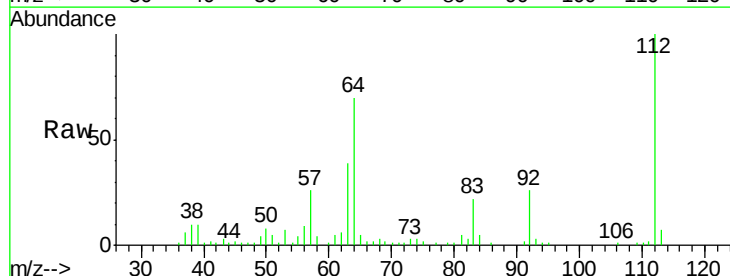
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



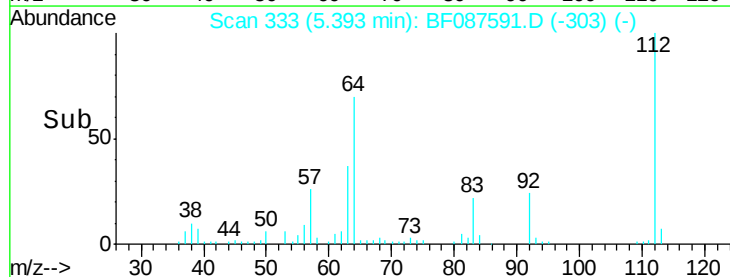
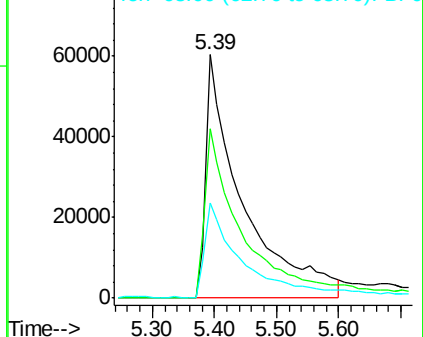
#5

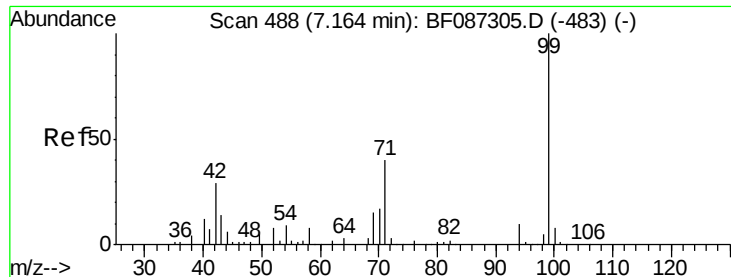
2-Fluorophenol
Concen: 39.41 ng
RT: 5.39 min Scan# 333
Delta R.T. 0.05 min
Lab File: BF087591.D
Acq: 31 May 2016 20:49

Tgt Ion:112 Resp: 245087
Ion Ratio Lower Upper
112 100
64 69.5 52.1 78.1
63 39.2 25.7 38.5#



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 27.21 ng

RT: 7.04 min Scan# 477

Delta R.T. 0.02 min

Lab File: BF087591.D

Acq: 31 May 2016 20:49

Instrument :

BNA_F

ClientSampleId :

MW-11

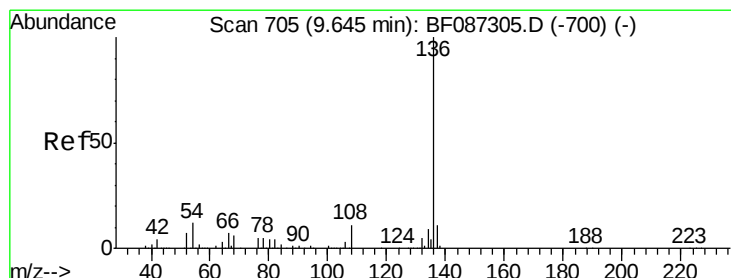
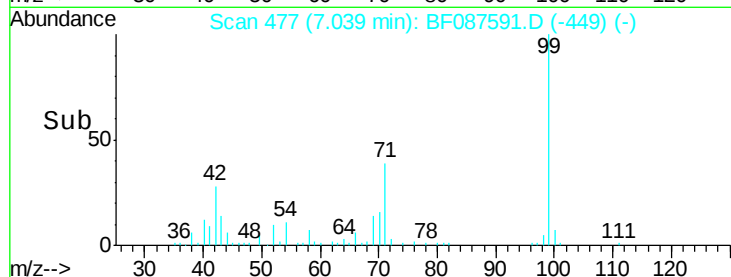
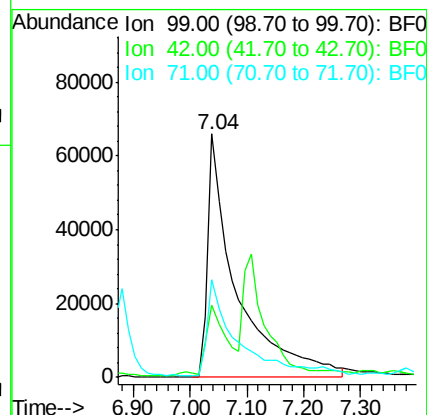
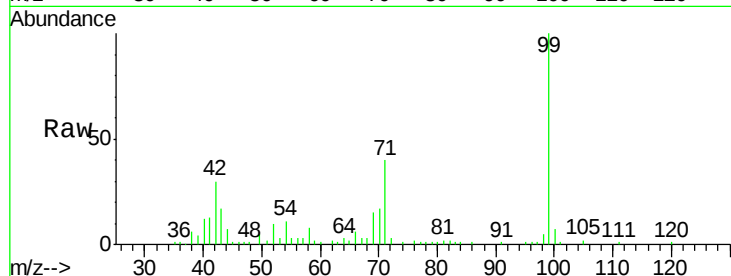
Tot Ion: 99 Resp: 228652

Ion Ratio Lower Upper

99 100

42 29.8 13.6 20.4#

71 39.9 24.6 36.8#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.47 min Scan# 690

Delta R.T. 0.00 min

Lab File: BF087591.D

Acq: 31 May 2016 20:49

Tgt Ion: 136 Resp: 450969

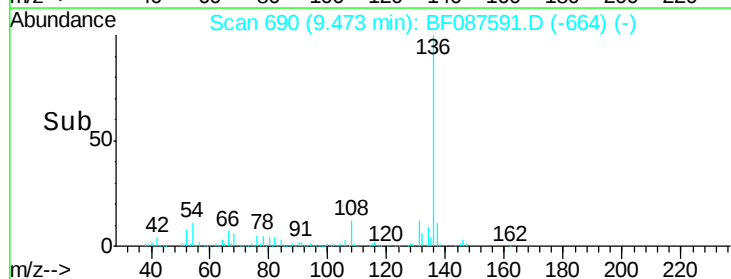
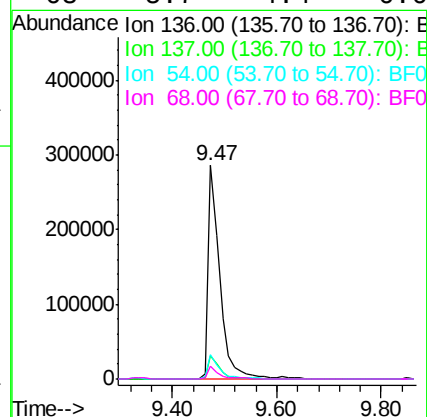
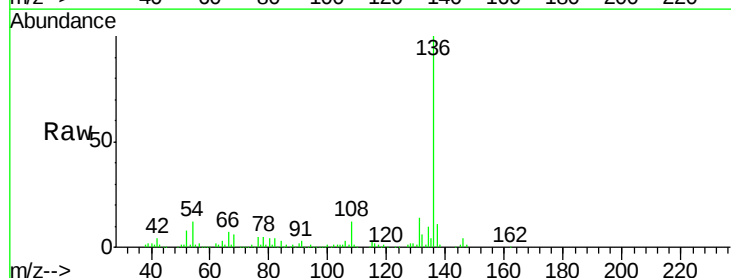
Ion Ratio Lower Upper

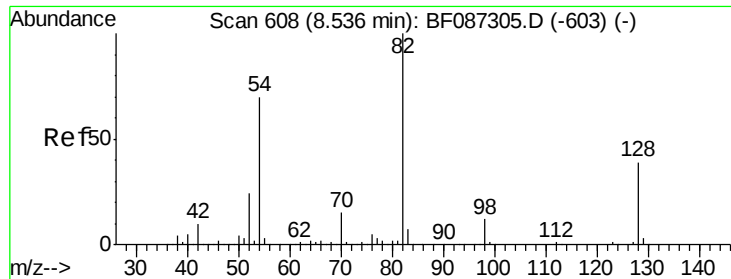
136 100

137 11.0 8.8 13.2

54 11.6 5.0 7.4#

68 5.7 4.4 6.6

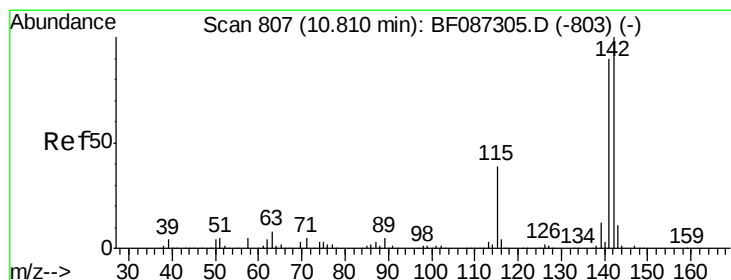
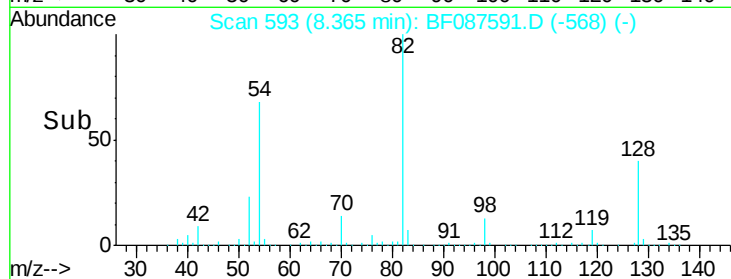
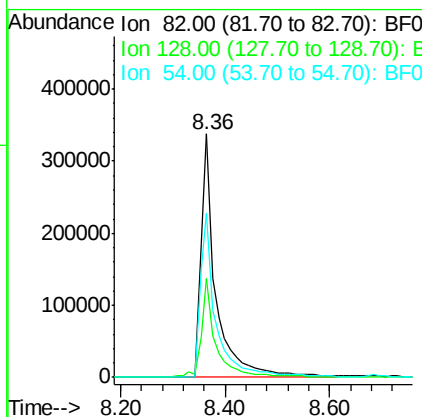
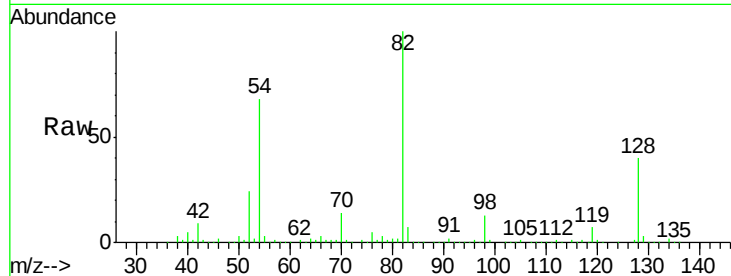




#23
Nitrobenzene-d5
Concen: 75.45 ng
RT: 8.36 min Scan# 593
Delta R.T. -0.01 min
Lab File: BF087591.D
Acq: 31 May 2016 20:49

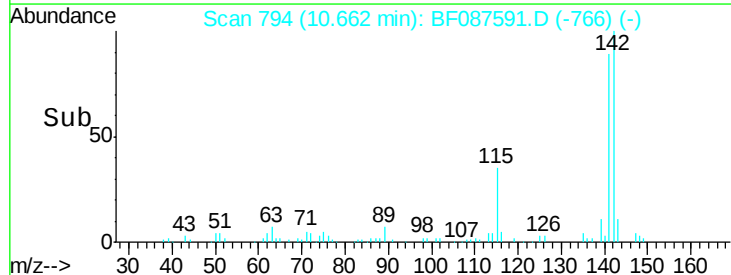
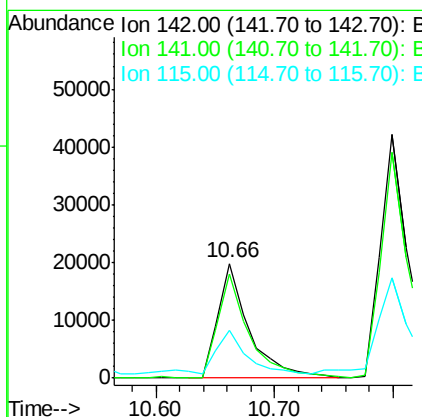
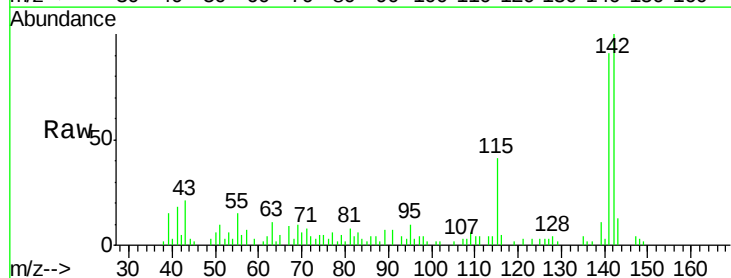
Instrument :
BNA_F
ClientSampleId :
MW-11

Tot Ion: 82 Resp: 675116
Ion Ratio Lower Upper
82 100
128 40.4 40.6 61.0#
54 67.6 38.1 57.1#



#37
2-Methylnaphthalene
Concen: 2.55 ng
RT: 10.66 min Scan# 794
Delta R.T. 0.02 min
Lab File: BF087591.D
Acq: 31 May 2016 20:49

Tgt Ion: 142 Resp: 35984
Ion Ratio Lower Upper
142 100
141 91.4 71.0 106.6
115 41.4 26.6 39.8#

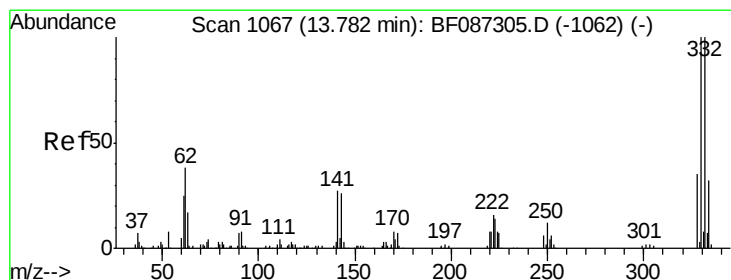
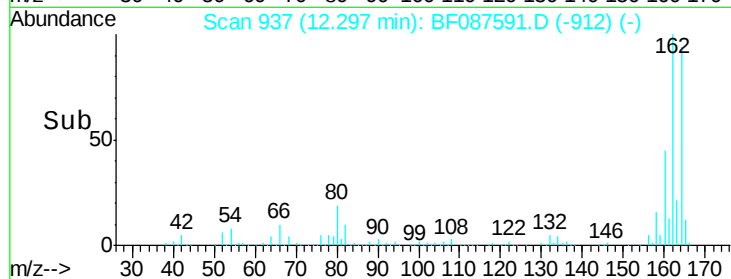
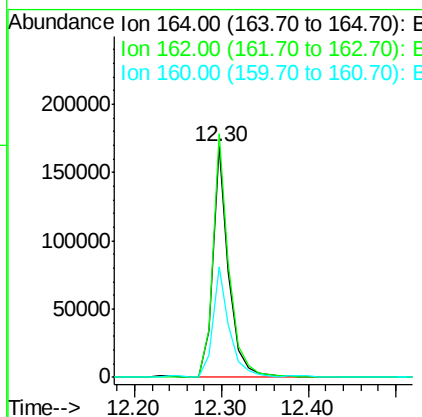
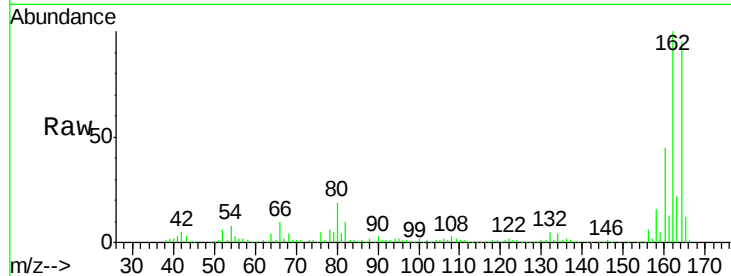




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.30 min Scan# 937
 Delta R.T. -0.01 min
 Lab File: BF087591.D
 Acq: 31 May 2016 20:49

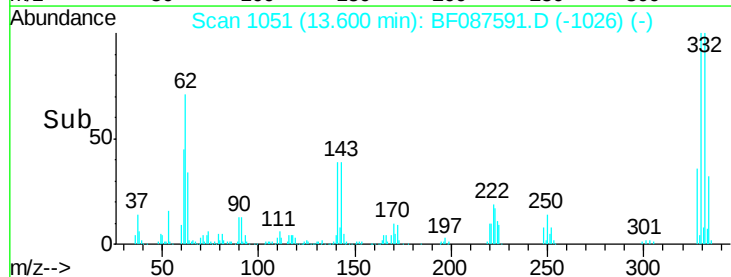
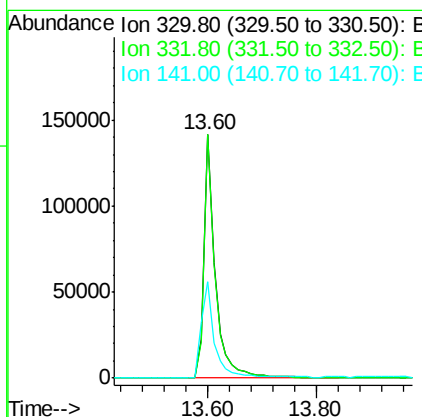
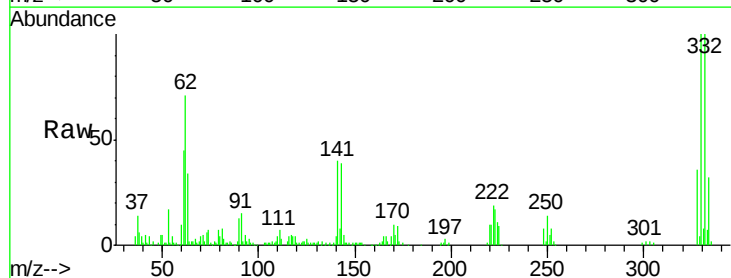
Instrument :
 BNA_F
 ClientSampleId :
 MW-11

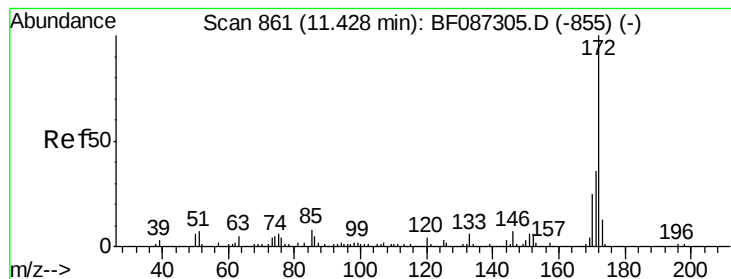
Tot Ion:164 Resp: 214489
 Ion Ratio Lower Upper
 164 100
 162 105.5 82.8 124.2
 160 47.9 36.9 55.3



#41
 2,4,6-Tribromophenol
 Concen: 99.54 ng
 RT: 13.60 min Scan# 1051
 Delta R.T. -0.01 min
 Lab File: BF087591.D
 Acq: 31 May 2016 20:49

Tgt Ion:330 Resp: 205167
 Ion Ratio Lower Upper
 330 100
 332 98.0 79.0 118.4
 141 45.2 31.2 46.8

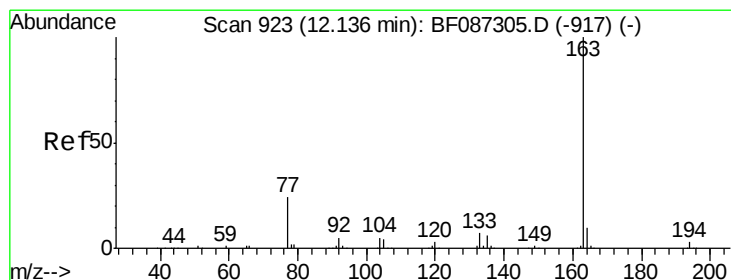
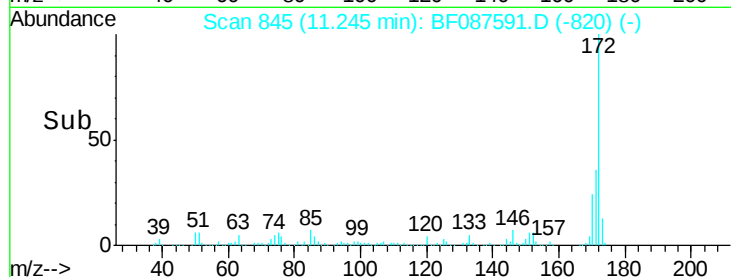
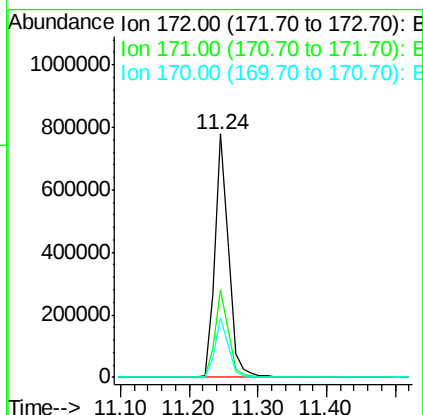
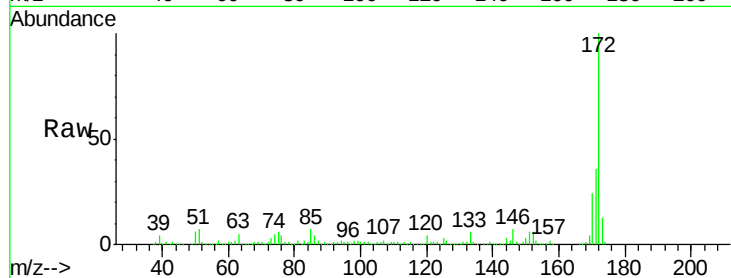




#44
2-Fluorobiphenyl
Concen: 72.52 ng
RT: 11.24 min Scan# 845
Delta R.T. -0.01 min
Lab File: BF087591.D
Acq: 31 May 2016 20:49

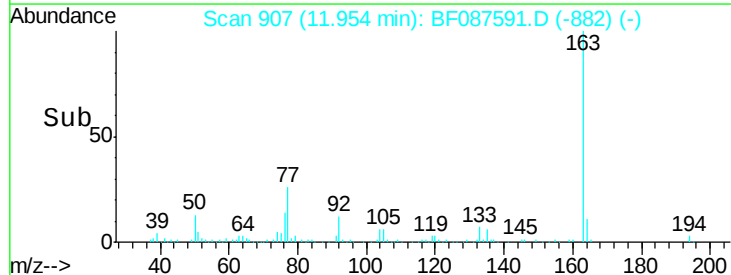
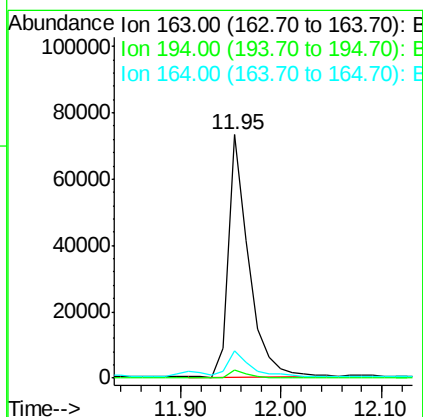
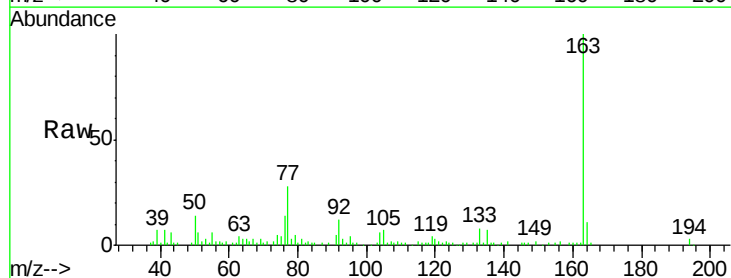
Instrument :
BNA_F
ClientSampleId :
MW-11

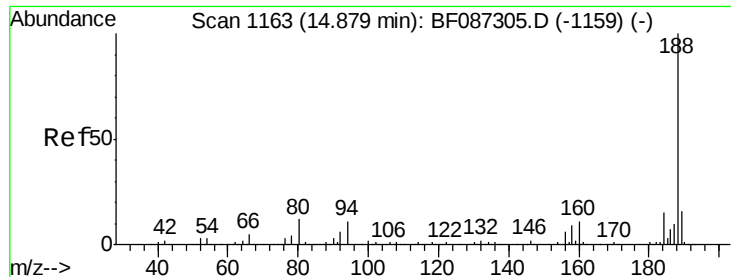
Tot Ion:172 Resp: 1103379
Ion Ratio Lower Upper
172 100
171 36.1 29.0 43.6
170 24.2 19.8 29.8



#49
Dimethylphthalate
Concen: 6.01 ng
RT: 11.95 min Scan# 907
Delta R.T. -0.01 min
Lab File: BF087591.D
Acq: 31 May 2016 20:49

Tgt Ion:163 Resp: 103259
Ion Ratio Lower Upper
163 100
194 3.2 2.6 4.0
164 11.2 8.2 12.4

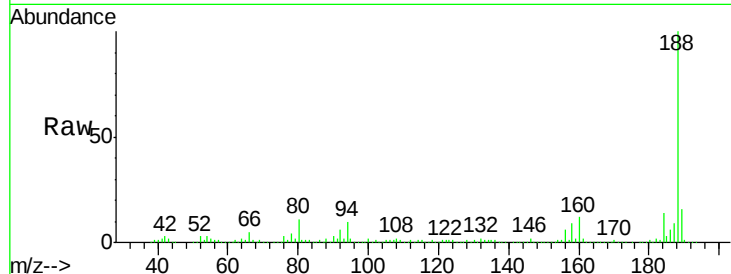




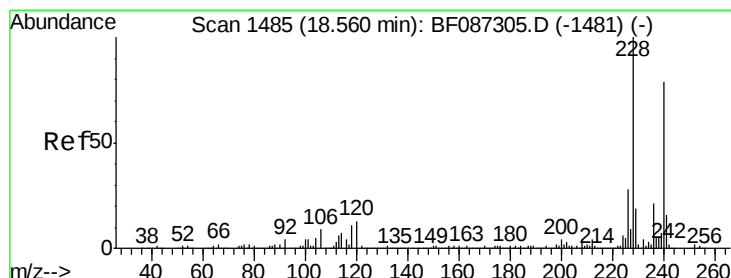
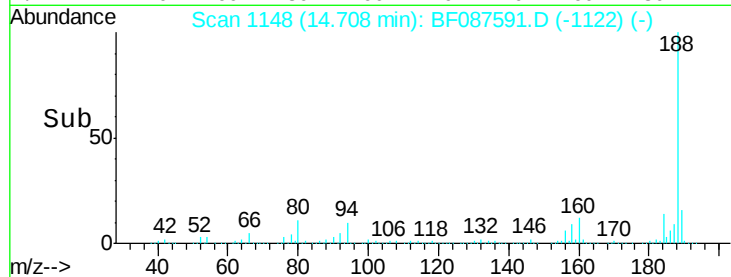
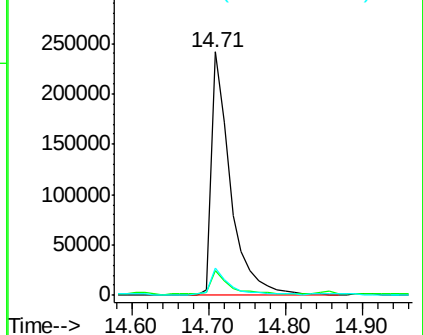
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 14.71 min Scan# 1148
 Delta R.T. 0.00 min
 Lab File: BF087591.D
 Acq: 31 May 2016 20:49

Instrument :
 BNA_F
 ClientSampleId :
 MW-11

Tot Ion:188 Resp: 417203
 Ion Ratio Lower Upper
 188 100
 94 10.1 6.8 10.2
 80 11.4 7.1 10.7#

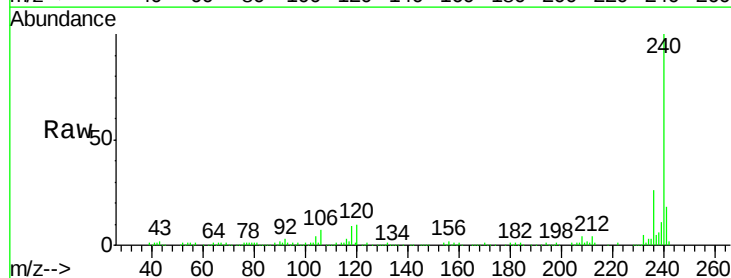


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

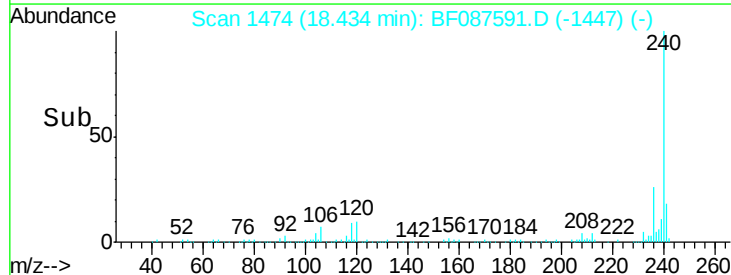
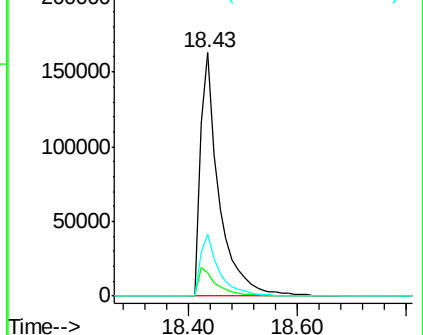


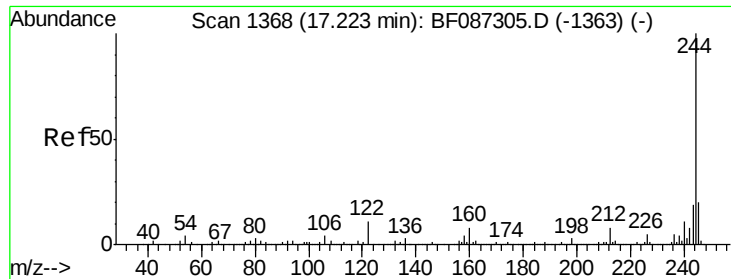
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.43 min Scan# 1474
 Delta R.T. 0.01 min
 Lab File: BF087591.D
 Acq: 31 May 2016 20:49

Tgt Ion:240 Resp: 381300
 Ion Ratio Lower Upper
 240 100
 120 9.8 11.2 16.8#
 236 25.6 21.2 31.8



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: 59.11 ng

RT: 17.06 min Scan# 1354

Delta R.T. 0.00 min

Lab File: BF087591.D

Acq: 31 May 2016 20:49

Instrument :

BNA_F

ClientSampleId :

MW-11

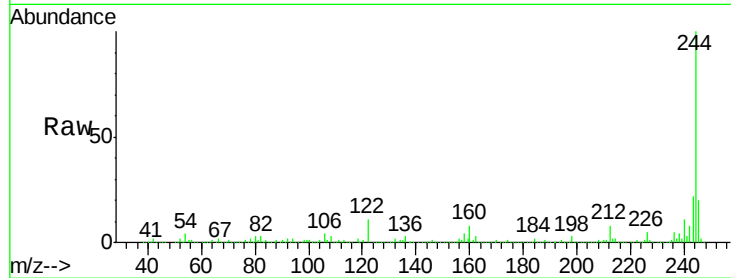
Tot Ion:244 Resp: 1060111

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

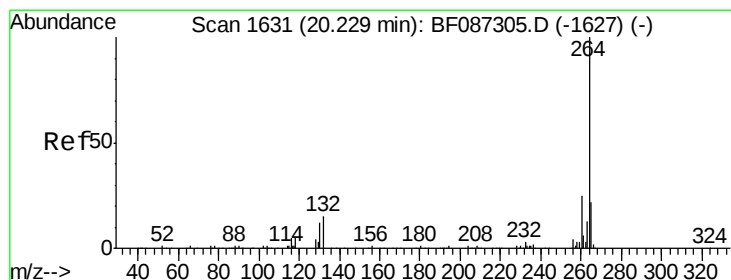
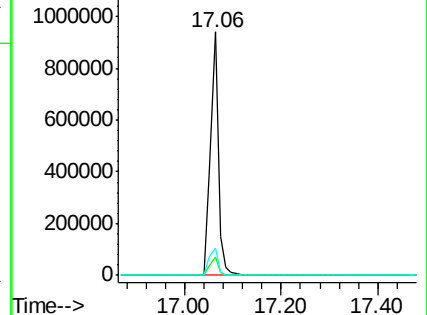
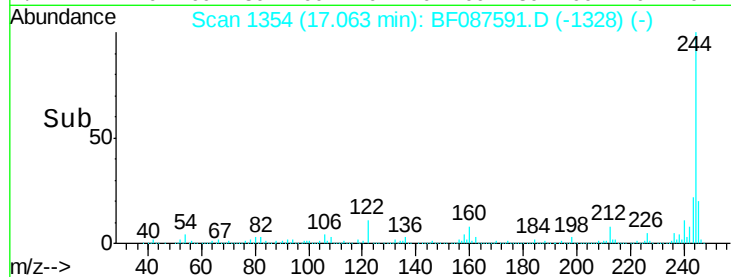
122 11.1 12.0 18.0#



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: 20.11 min Scan# 1621

Delta R.T. 0.00 min

Lab File: BF087591.D

Acq: 31 May 2016 20:49

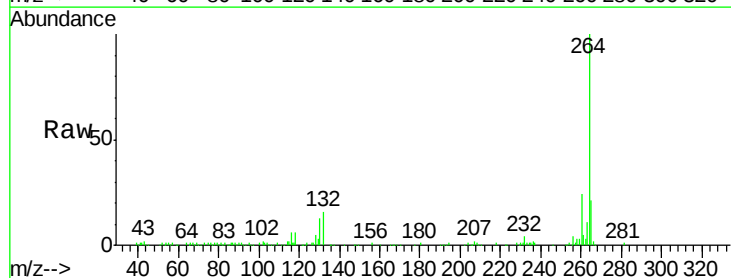
Tgt Ion:264 Resp: 299745

Ion Ratio Lower Upper

264 100

260 24.4 19.5 29.3

265 21.1 17.3 25.9



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

