

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052517\
 Data File : BF095425.D
 Acq On : 25 May 2017 16:07
 Operator : SJ/MA
 Sample : I3345-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 26 01:12:06 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 18 17:07:53 2017
 Response via : Initial Calibration

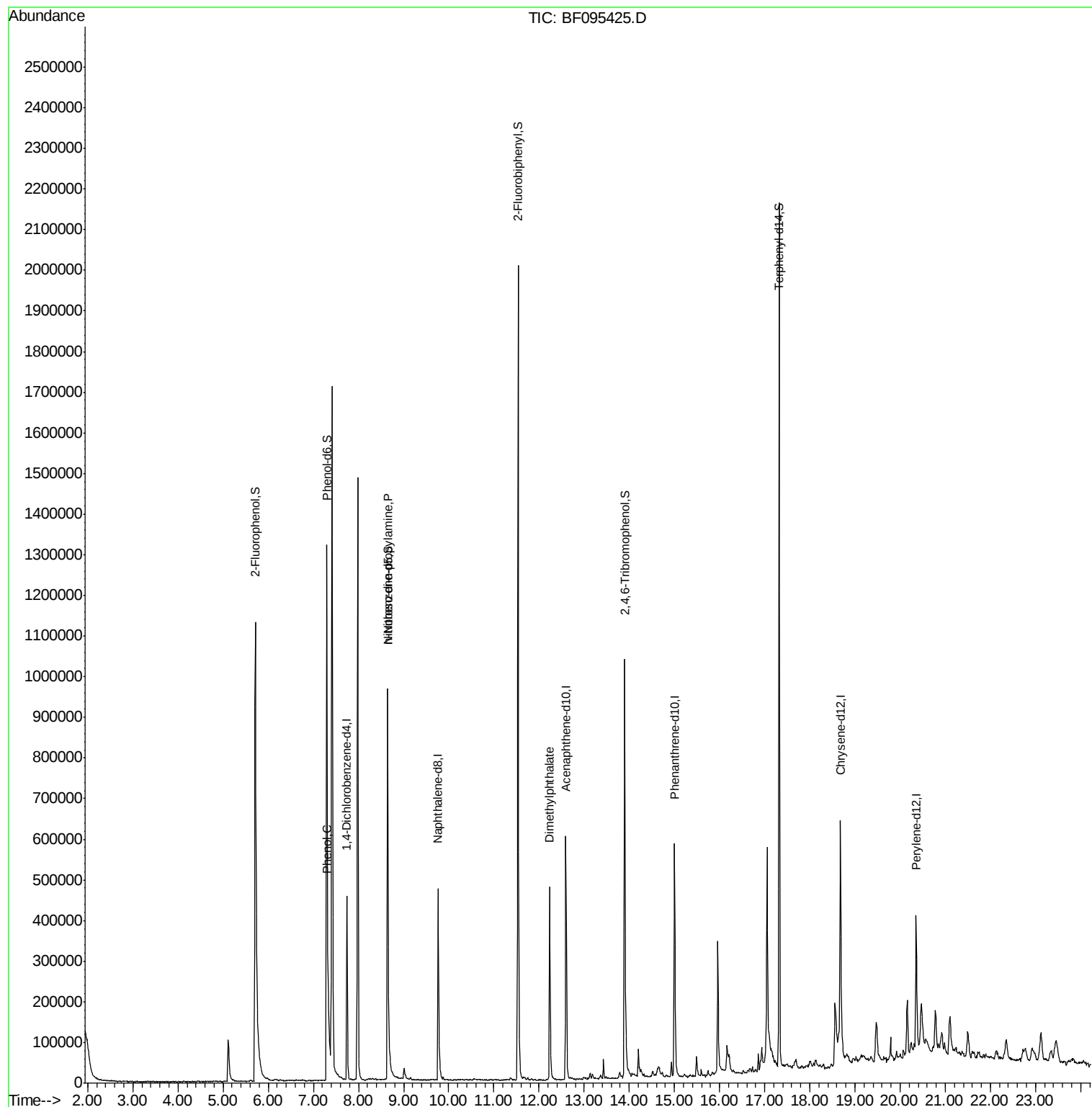
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	98580	20.00	ng	-0.02
21) Naphthalene-d8	9.77	136	394360	20.00	ng	-0.02
38) Acenaphthene-d10	12.59	164	193241	20.00	ng	-0.02
63) Phenanthrene-d10	15.00	188	352253	20.00	ng	-0.02
75) Chrysene-d12	18.68	240	278830	20.00	ng	-0.02
86) Perylene-d12	20.35	264	199305	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	808606	136.75	ng	-0.02
7) Phenol-d6	7.30	99	962340	135.65	ng	-0.02
23) Nitrobenzene-d5	8.65	82	547699	87.58	ng	-0.02
41) 2,4,6-Tribromophenol	13.90	330	213206	134.72	ng	-0.02
44) 2-Fluorobiphenyl	11.54	172	986289	73.46	ng	-0.02
78) Terphenyl-d14	17.32	244	835362	65.99	ng	-0.02
Target Compounds						
10) Phenol	7.32	94	15106	2.02	ng	# 31
19) n-Nitroso-di-n-propylamine	8.65	70	68623	14.30	ng	# 77
49) Dimethylphthalate	12.24	163	354357	22.34	ng	98

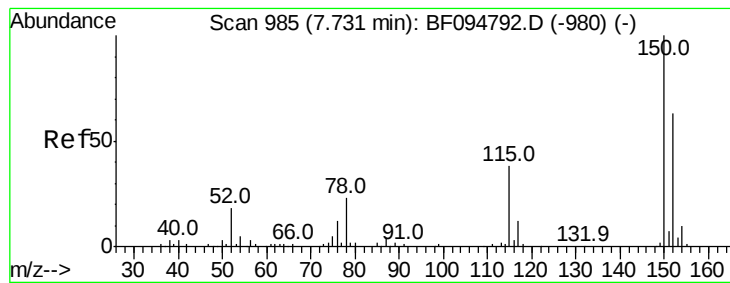
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.74 min Scan# 987

Delta R.T. -0.02 min

Lab File: BF095425.D

Acq: 25 May 2017 16:07

Instrument :

BNA_F

ClientSampleId :

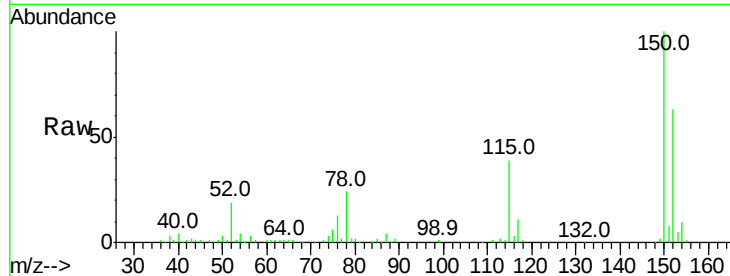
Tot Ion:152 Resp: 98580

Ion Ratio Lower Upper

152 100

150 159.2 126.2 189.2

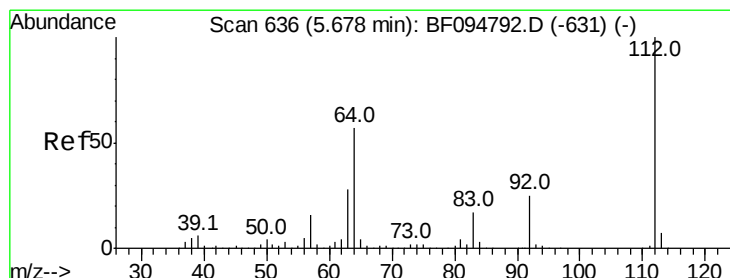
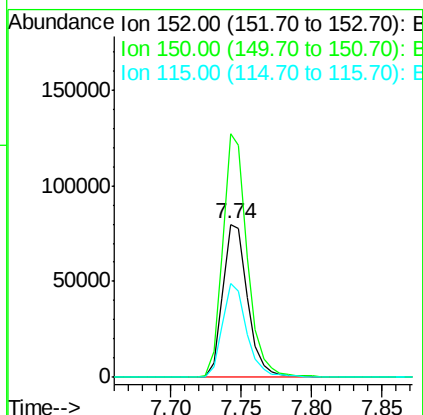
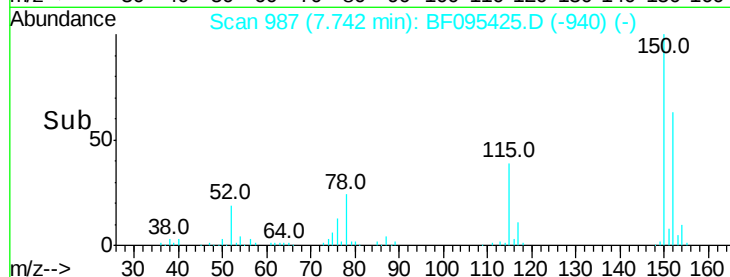
115 61.8 52.2 78.2



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: 136.75 ng

RT: 5.71 min Scan# 642

Delta R.T. -0.02 min

Lab File: BF095425.D

Acq: 25 May 2017 16:07

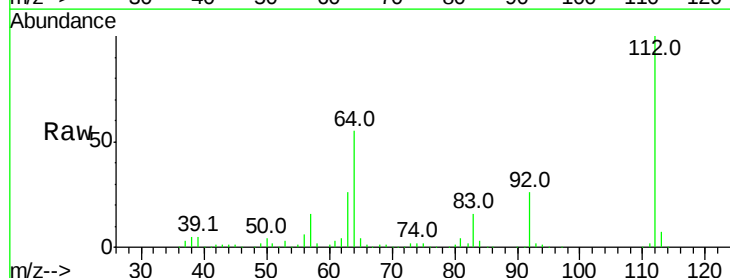
Tgt Ion:112 Resp: 808606

Ion Ratio Lower Upper

112 100

64 54.9 46.0 69.0

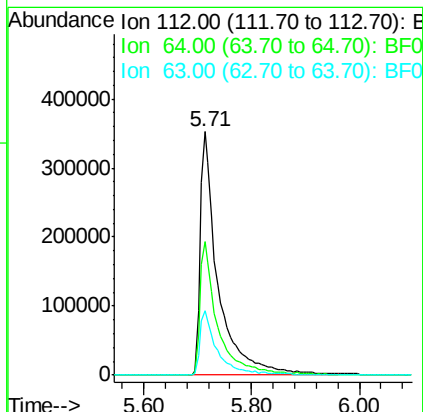
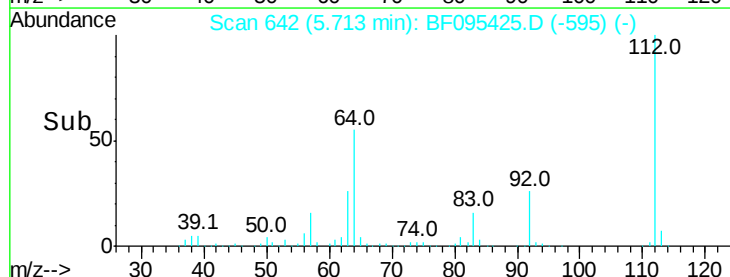
63 26.3 23.4 35.0



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: 135.65 ng

RT: 7.30 min Scan# 911

Delta R.T. -0.02 min

Lab File: BF095425.D

Acq: 25 May 2017 16:07

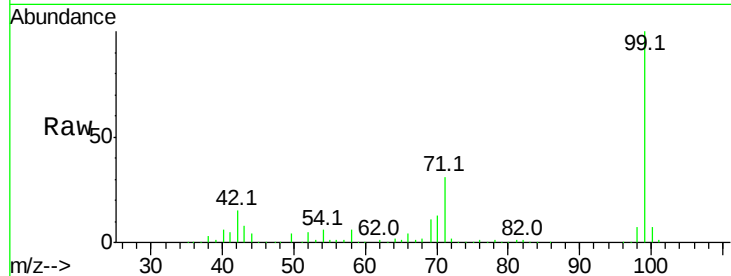
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 962340

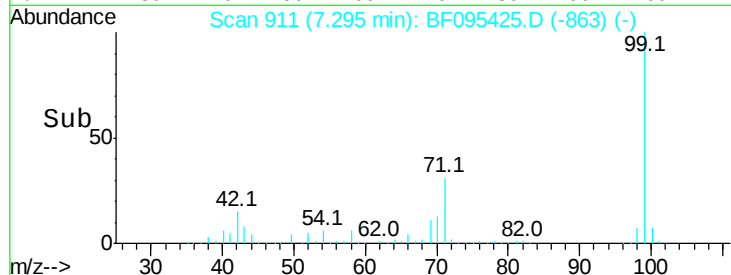
Ion	Ratio	Lower	Upper
99	100		
42	15.4	13.5	20.3
71	31.0	24.5	36.7



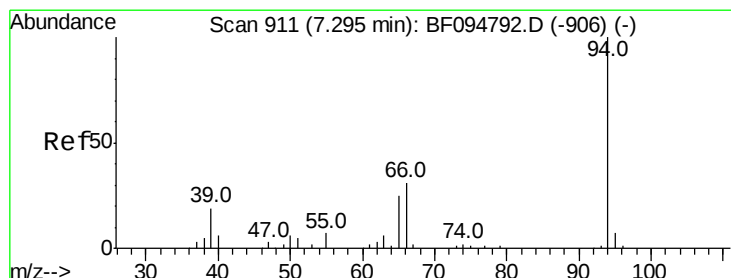
Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



Time-->



#10

Phenol

Concen: 2.02 ng

RT: 7.32 min Scan# 915

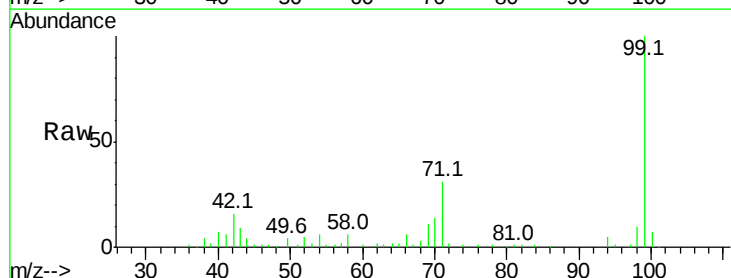
Delta R.T. -0.01 min

Lab File: BF095425.D

Acq: 25 May 2017 16:07

Tgt Ion: 94 Resp: 15106

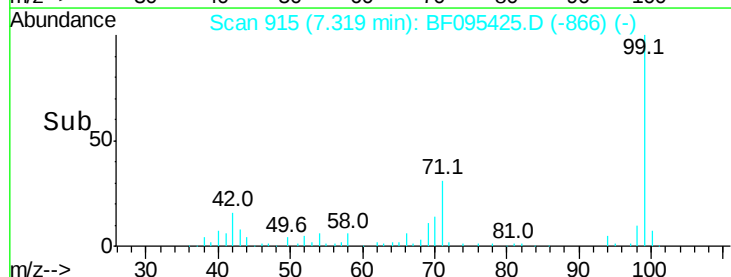
Ion	Ratio	Lower	Upper
94	100		
65	44.0	9.9	49.9
66	106.3	23.1	63.1#



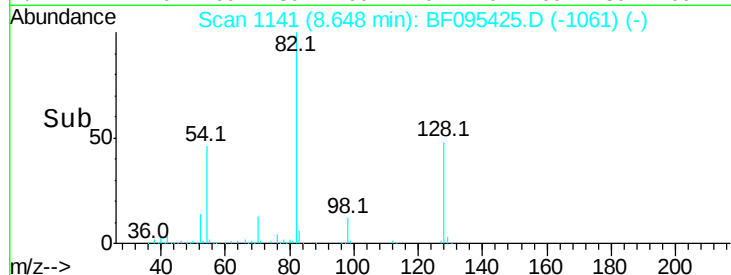
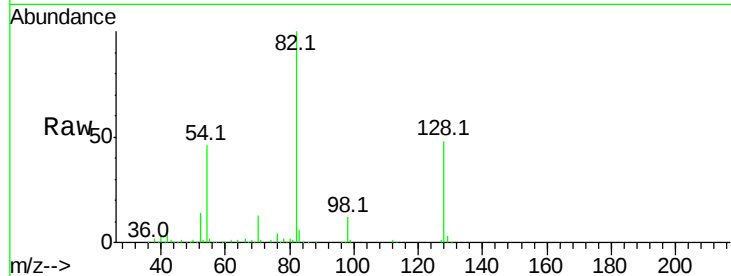
Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0



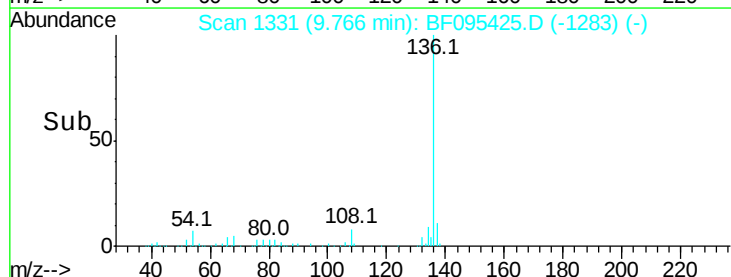
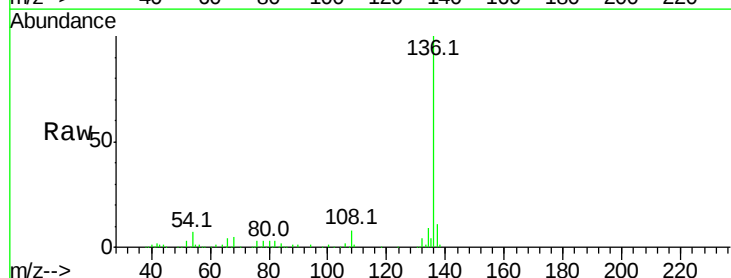
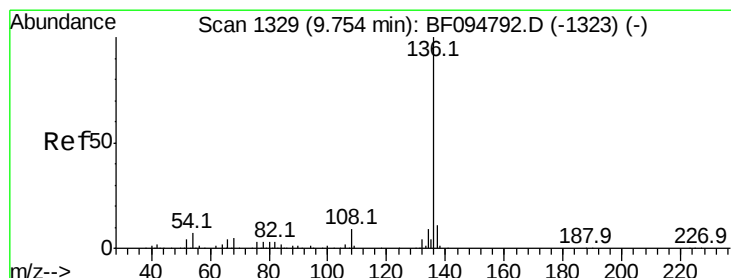
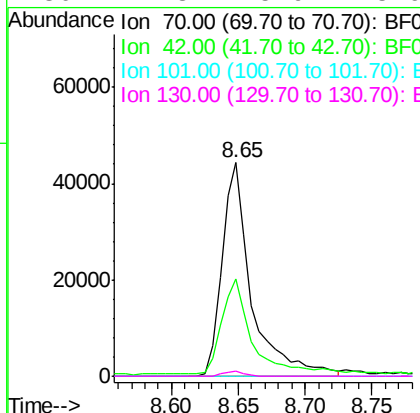
Time-->



#19
n-Nitroso-di-n-propylamine
Concen: 14.30 ng
RT: 8.65 min Scan# 1141
Delta R.T. 0.17 min
Lab File: BF095425.D
Acq: 25 May 2017 16:07

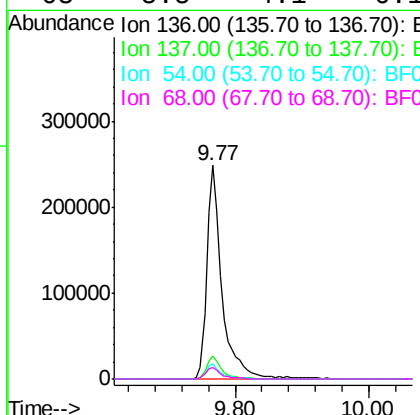
Instrument :
BNA_F
ClientSampleId :

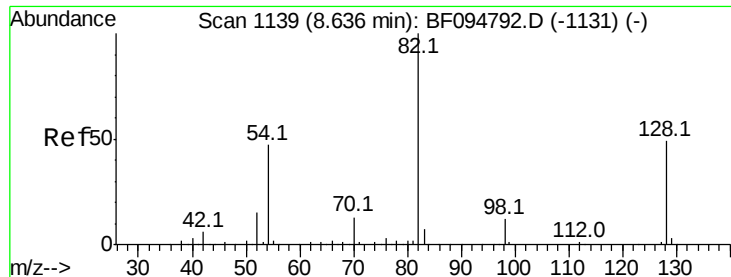
Tot Ion: 70 Resp: 68623
Ion Ratio Lower Upper
70 100
42 45.5 47.2 70.8#
101 0.0 7.2 10.8#
130 2.3 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.77 min Scan# 1331
Delta R.T. -0.02 min
Lab File: BF095425.D
Acq: 25 May 2017 16:07

Tgt Ion: 136 Resp: 394360
Ion Ratio Lower Upper
136 100
137 11.0 8.5 12.7
54 7.1 4.9 7.3
68 5.5 4.1 6.1

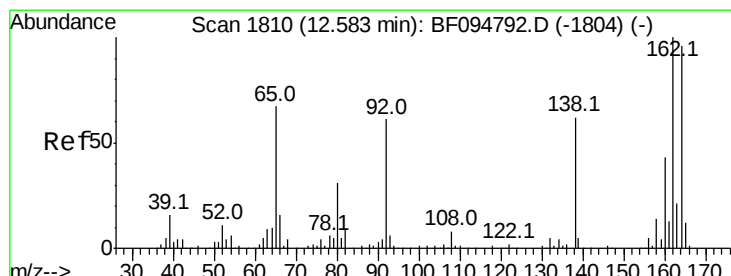
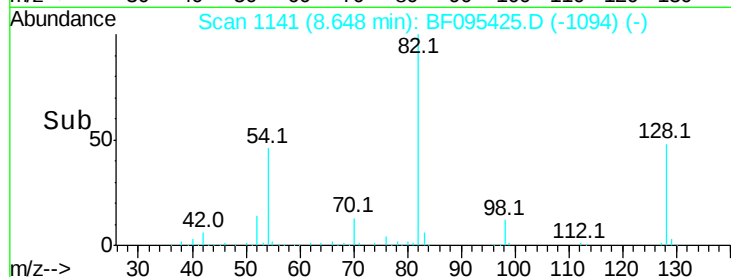
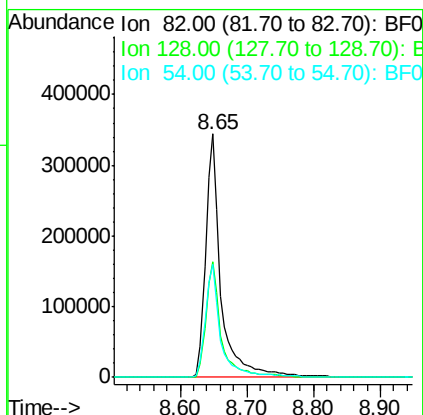
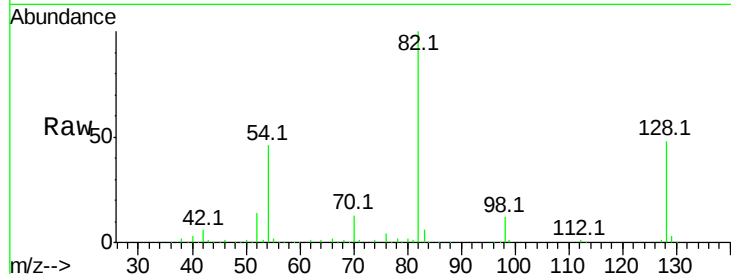




#23
Nitrobenzene-d5
Concen: 87.58 ng
RT: 8.65 min Scan# 1141
Delta R.T. -0.02 min
Lab File: BF095425.D
Acq: 25 May 2017 16:07

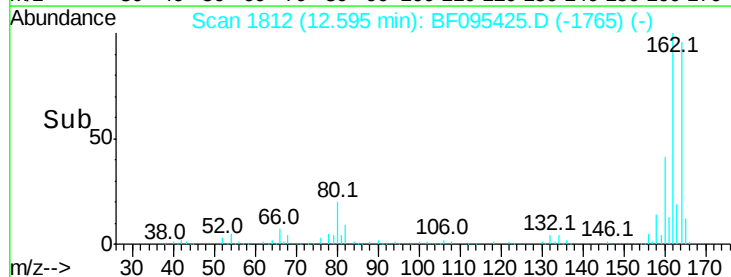
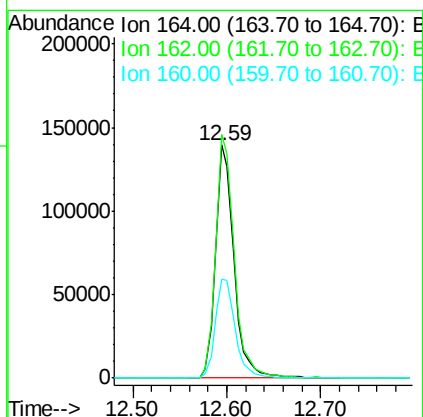
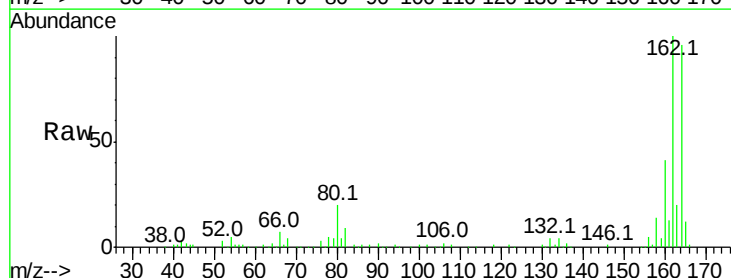
Instrument :
BNA_F
ClientSampled :

Tot Ion: 82 Resp: 547699
Ion Ratio Lower Upper
82 100
128 47.7 34.0 51.0
54 46.4 42.2 63.2



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.59 min Scan# 1812
Delta R.T. -0.02 min
Lab File: BF095425.D
Acq: 25 May 2017 16:07

Tgt Ion:164 Resp: 193241
Ion Ratio Lower Upper
164 100
162 104.6 82.6 123.8
160 42.5 36.2 54.2

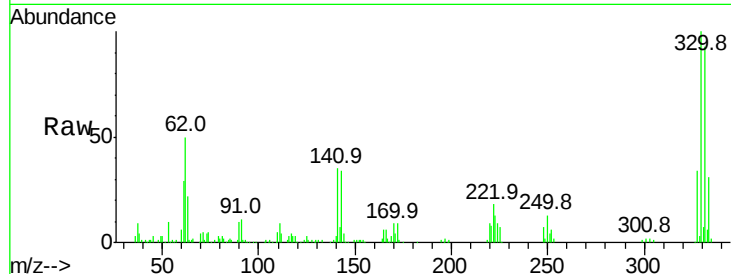




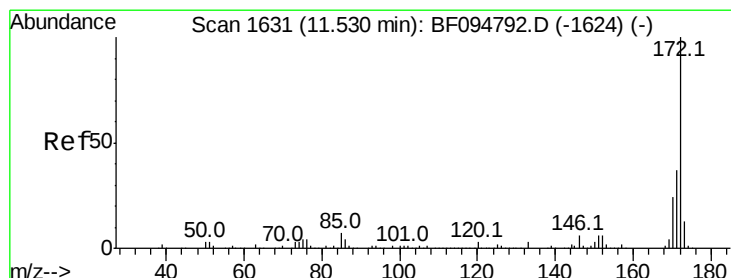
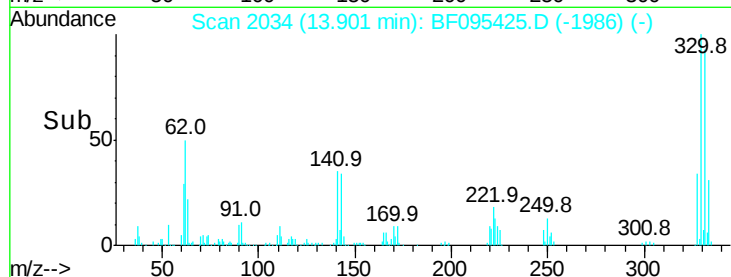
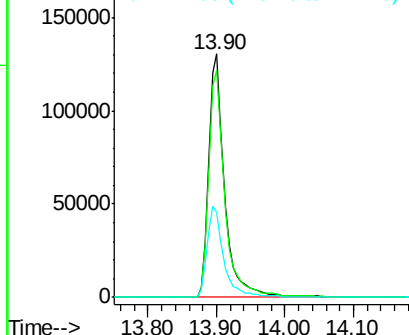
#41
 2,4,6-Tribromophenol
 Concen: 134.72 ng
 RT: 13.90 min Scan# 2034
 Delta R.T. -0.02 min
 Lab File: BF095425.D
 Acq: 25 May 2017 16:07

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.7	76.6	115.0
141	39.2	31.4	47.2

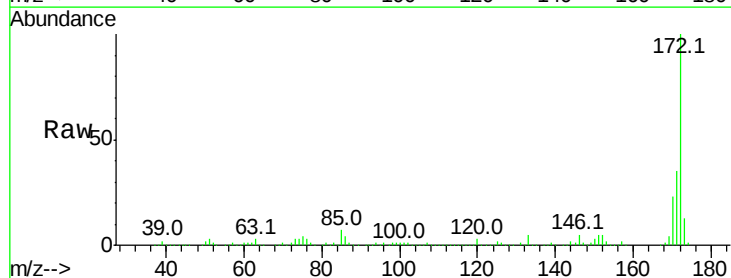


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

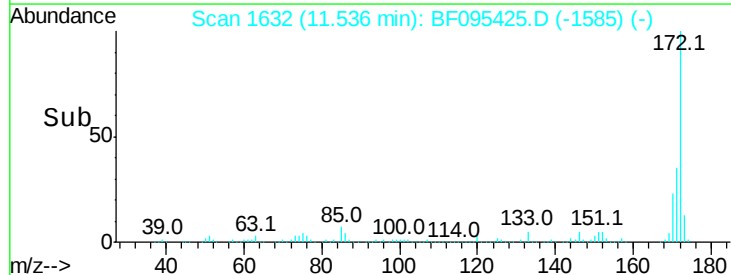
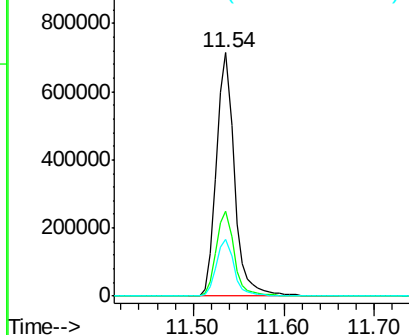


#44
 2-Fluorobiphenyl
 Concen: 73.46 ng
 RT: 11.54 min Scan# 1632
 Delta R.T. -0.02 min
 Lab File: BF095425.D
 Acq: 25 May 2017 16:07

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.1	29.6	44.4
170	23.2	19.8	29.8



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: 22.34 ng

RT: 12.24 min Scan# 1751

Delta R.T. -0.02 min

Lab File: BF095425.D

Acq: 25 May 2017 16:07

Instrument :

BNA_F

ClientSampleId :

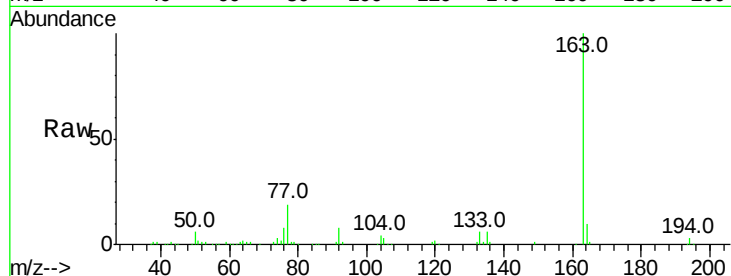
Tot Ion:163 Resp: 354357

Ion Ratio Lower Upper

163 100

194 3.5 2.6 4.0

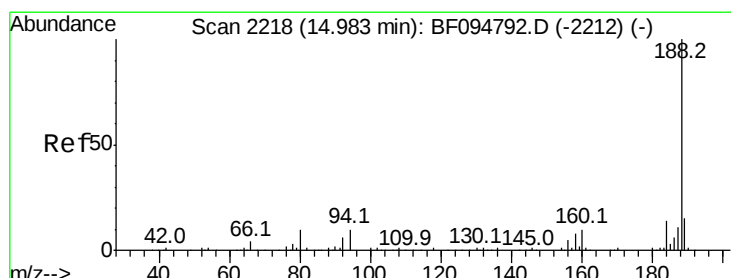
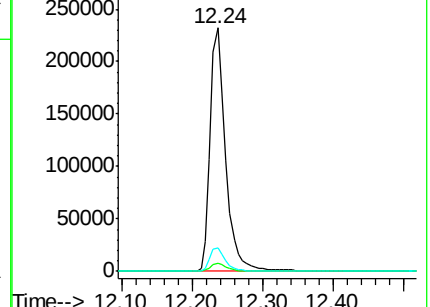
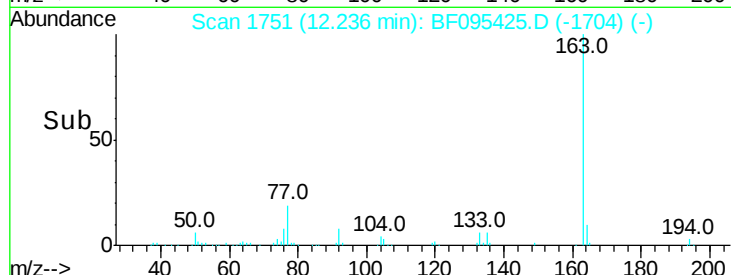
164 9.7 8.4 12.6



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: 15.00 min Scan# 2221

Delta R.T. -0.02 min

Lab File: BF095425.D

Acq: 25 May 2017 16:07

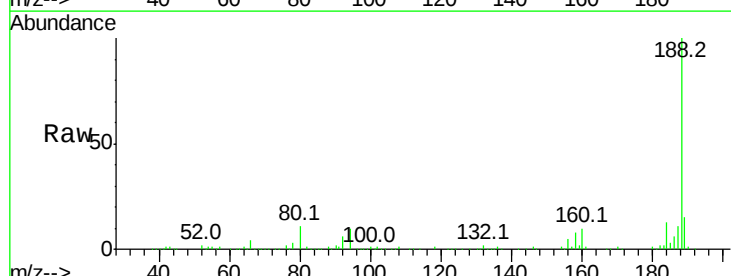
Tgt Ion:188 Resp: 352253

Ion Ratio Lower Upper

188 100

94 10.1 9.4 14.2

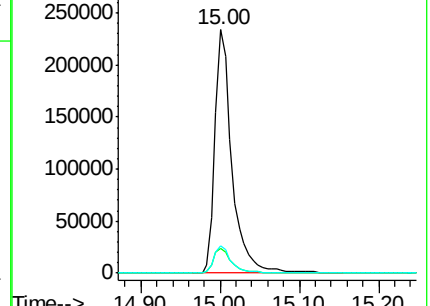
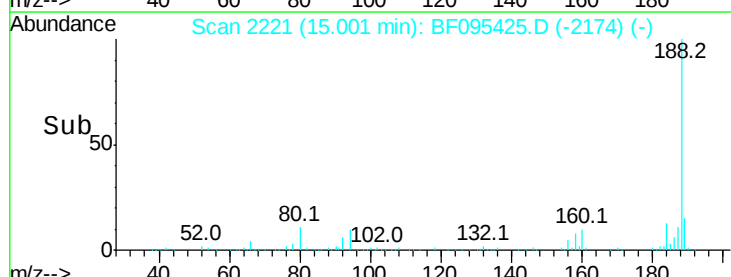
80 11.2 10.2 15.2

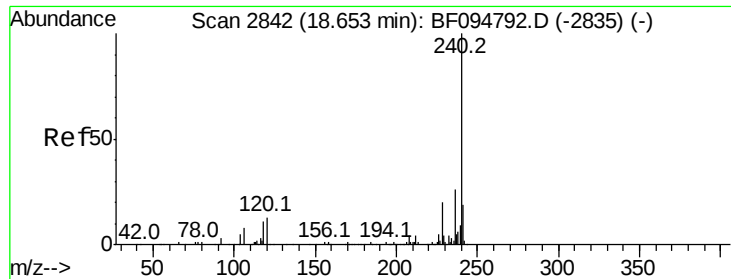


Abundance Ion 188.00 (187.70 to 188.70): E

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: 18.68 min Scan# 2846

Delta R.T. -0.02 min

Lab File: BF095425.D

Acq: 25 May 2017 16:07

Instrument :

BNA_F

ClientSampled :

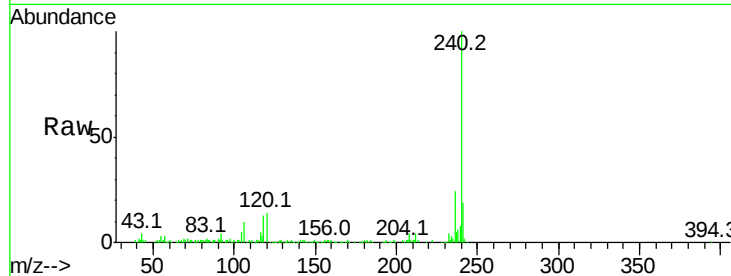
Tot Ion:240 Resp: 278830

Ion Ratio Lower Upper

240 100

120 14.3 5.8 8.8#

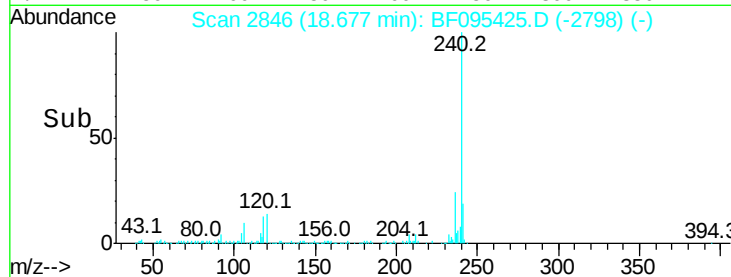
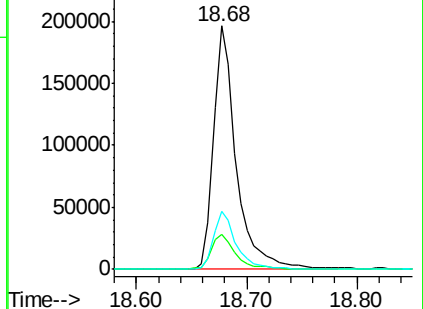
236 24.0 20.5 30.7



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: 65.99 ng

RT: 17.32 min Scan# 2616

Delta R.T. -0.02 min

Lab File: BF095425.D

Acq: 25 May 2017 16:07

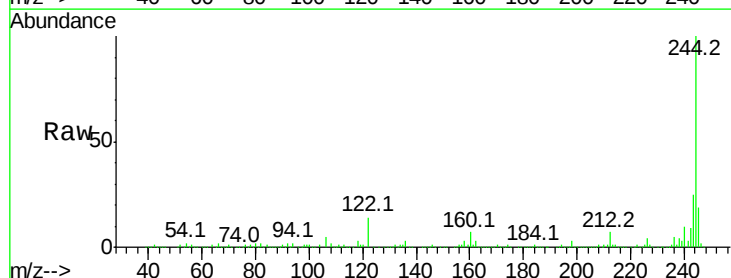
Tgt Ion:244 Resp: 835362

Ion Ratio Lower Upper

244 100

212 6.7 6.0 9.0

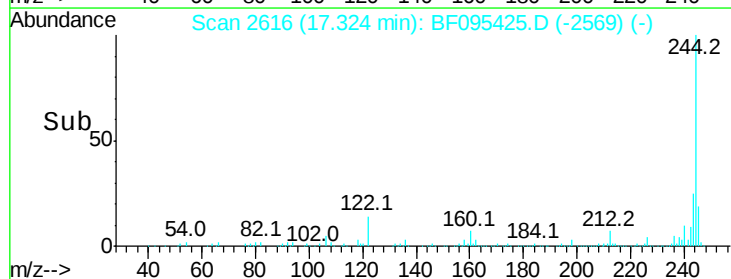
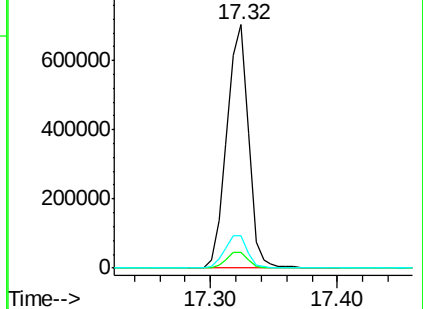
122 13.6 10.3 15.5

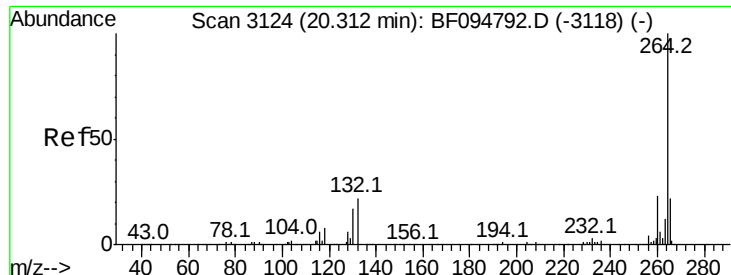


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

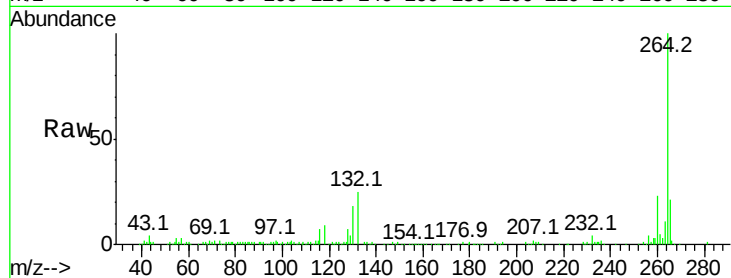




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 20.35 min Scan# 3131
 Delta R.T. -0.01 min
 Lab File: BF095425.D
 Acq: 25 May 2017 16:07

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.7	19.5	29.3
265	20.8	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

