

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032515\
 Data File : BF077969.D
 Acq On : 25 Mar 2015 23:42
 Operator : TP/IZ
 Sample : G1643-07
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-8-3-23-15

Quant Time: Mar 26 04:20:14 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 26 00:45:24 2015
 Response via : Initial Calibration

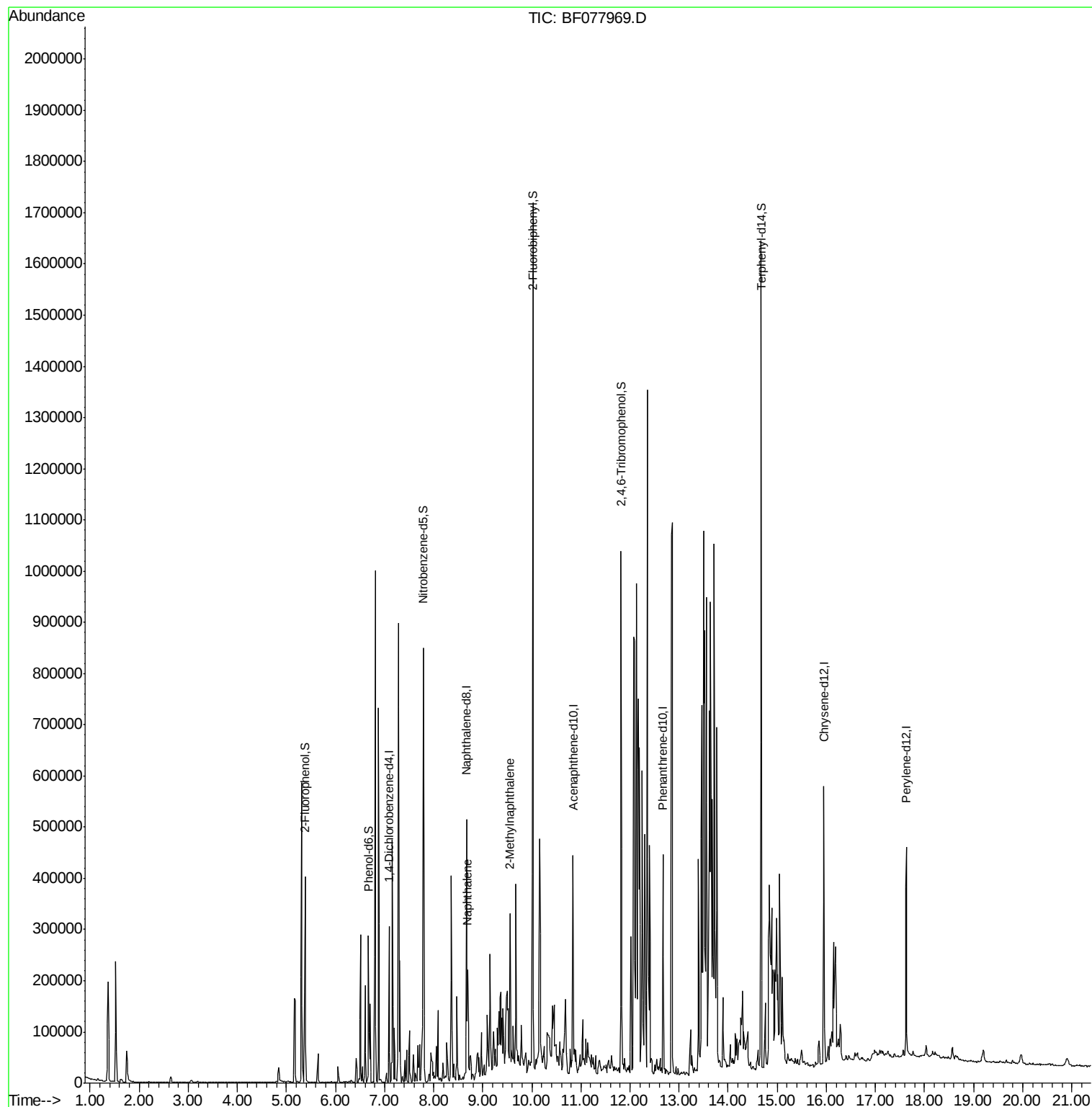
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.09	152	47208	20.00	ng	0.00
21) Naphthalene-d8	8.67	136	197814	20.00	ng	0.00
38) Acenaphthene-d10	10.84	164	103227	20.00	ng	0.00
63) Phenanthrene-d10	12.67	188	190621	20.00	ng	-0.01
75) Chrysene-d12	15.95	240	209124	20.00	ng	-0.02
86) Perylene-d12	17.63	264	209671	20.00	ng	-0.11
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	144204	53.32	ng	0.00
7) Phenol-d6	6.67	99	107262	32.10	ng	0.00
23) Nitrobenzene-d5	7.79	82	242918	80.50	ng	0.00
41) 2,4,6-Tribromophenol	11.81	330	104534	105.84	ng	-0.01
44) 2-Fluorobiphenyl	10.02	172	534036	76.03	ng	0.00
78) Terphenyl-d14	14.67	244	589661	68.88	ng	0.00
Target Compounds						
31) Naphthalene	8.69	128	85241	8.39	ng	99
37) 2-Methylnaphthalene	9.55	142	108669	15.92	ng	97

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

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032515\
Data File : BF077969.D
Acq On : 25 Mar 2015 23:42
Operator : TP/IZ
Sample : G1643-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-8-3-23-15

Quant Time: Mar 26 04:20:14 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 26 00:45:24 2015
Response via : Initial Calibration



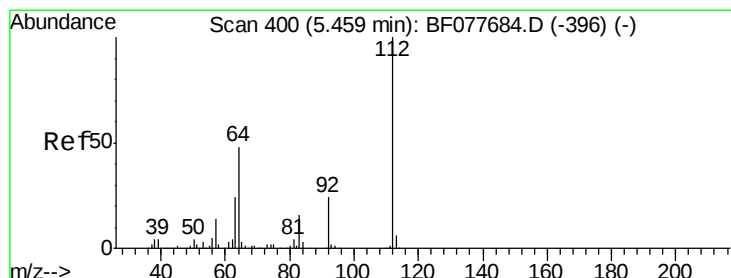
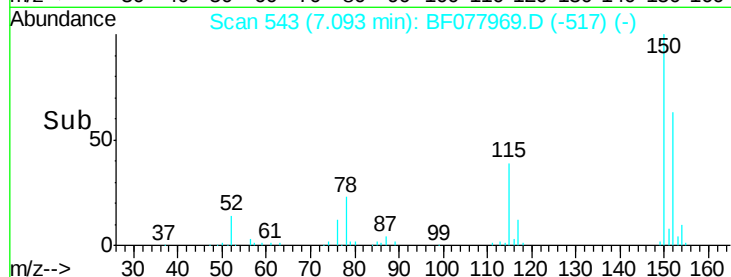
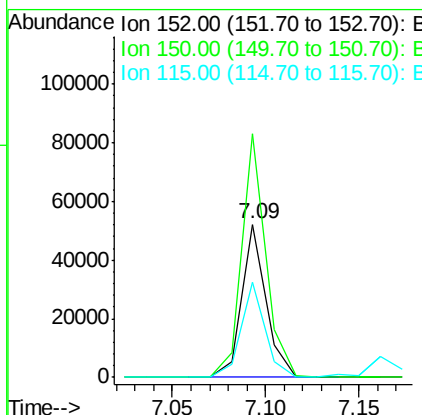
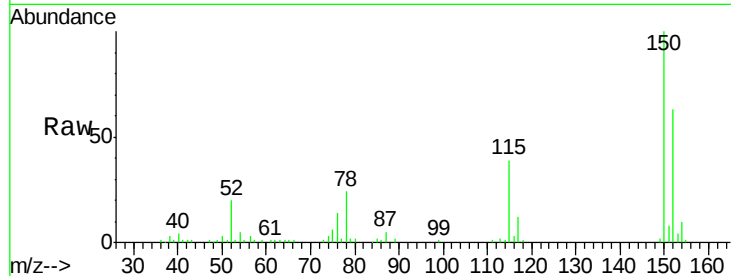


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.09 min Scan# 543
Delta R.T. 0.00 min
Lab File: BF077969.D
Acq: 25 Mar 2015 23:42

Instrument :
BNA_F
ClientSampleId :
MW-8-3-23-15

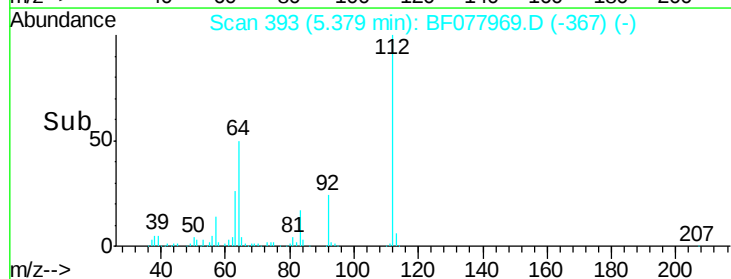
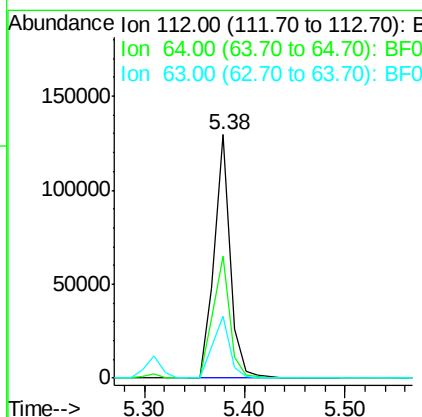
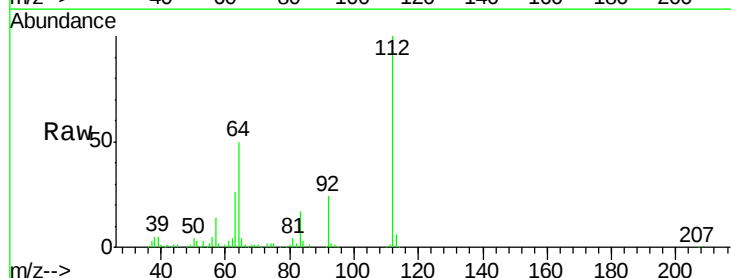
Tot Ion:152 Resp: 47208
Ion Ratio Lower Upper
152 100
150 159.2 119.5 179.3
115 62.1 43.0 64.4

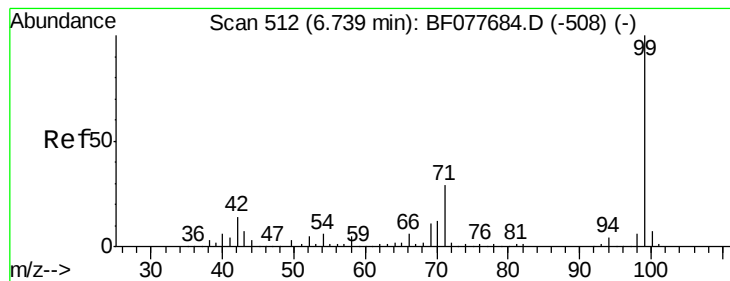


#5

2-Fluorophenol
Concen: 53.32 ng
RT: 5.38 min Scan# 393
Delta R.T. 0.00 min
Lab File: BF077969.D
Acq: 25 Mar 2015 23:42

Tgt Ion:112 Resp: 144204
Ion Ratio Lower Upper
112 100
64 50.0 38.6 57.8
63 25.5 19.3 28.9





#7

Phenol-d6

Concen: 32.10 ng

RT: 6.67 min Scan# 506

Delta R.T. 0.00 min

Lab File: BF077969.D

Acq: 25 Mar 2015 23:42

Instrument :

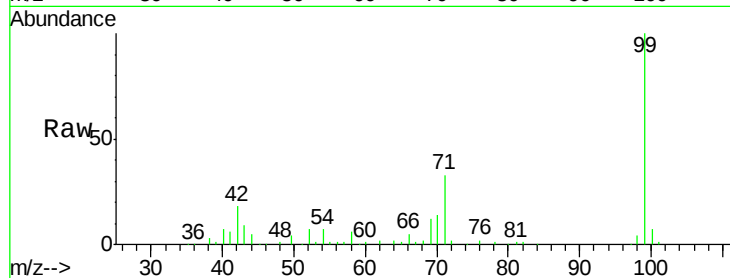
BNA_F

ClientSampleId :

MW-8-3-23-15

Tot Ion: 99 Resp: 107262

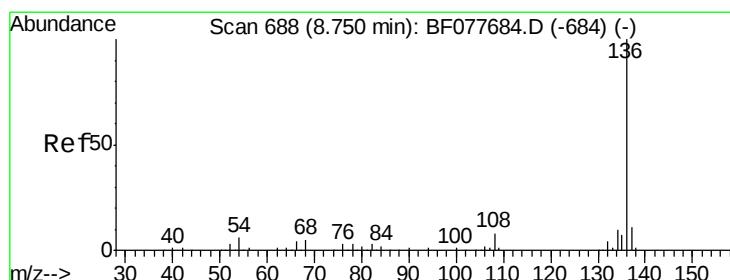
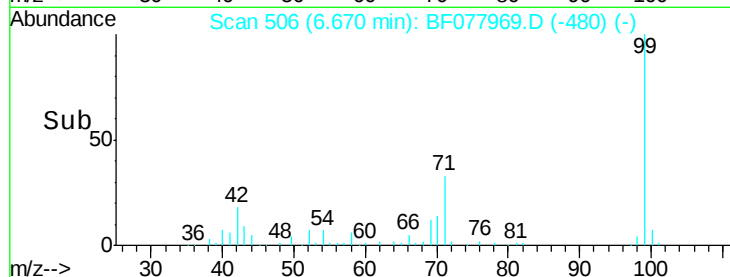
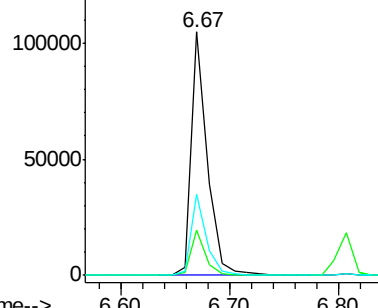
Ion	Ratio	Lower	Upper
99	100		
42	18.5	11.0	16.4#
71	33.3	23.4	35.2



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: 8.67 min Scan# 681

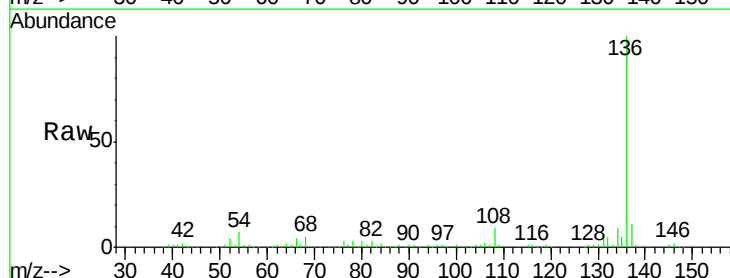
Delta R.T. 0.00 min

Lab File: BF077969.D

Acq: 25 Mar 2015 23:42

Tgt Ion: 136 Resp: 197814

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.7	13.1
54	7.0	4.6	6.8#
68	5.5	3.7	5.5

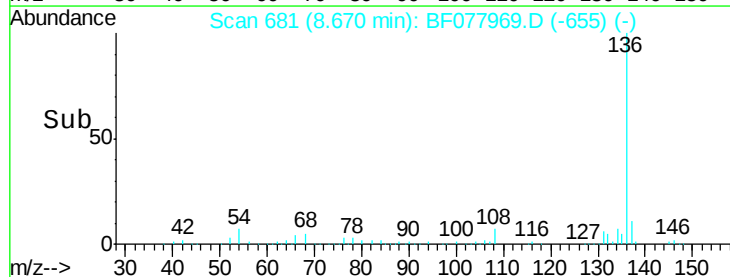
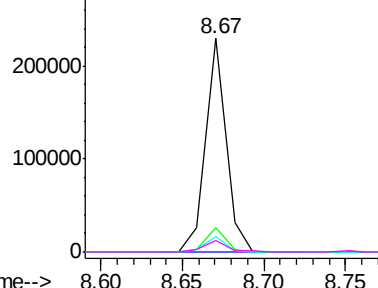


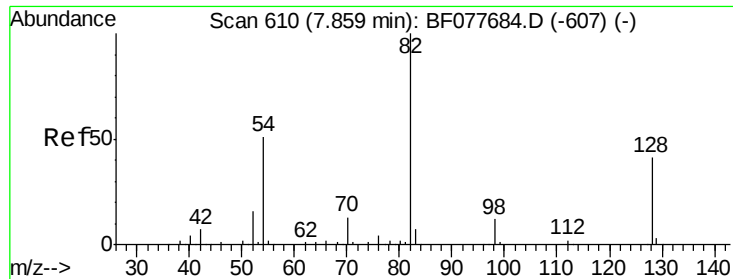
Abundance Ion 136.00 (135.70 to 136.70): E

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

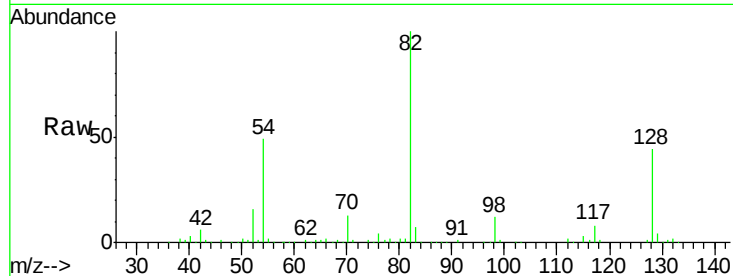




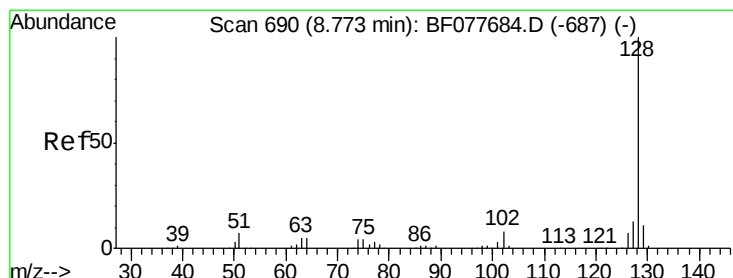
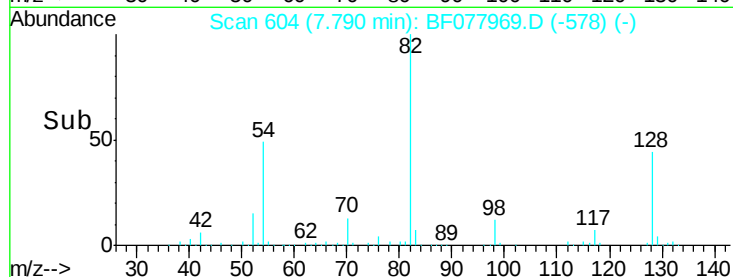
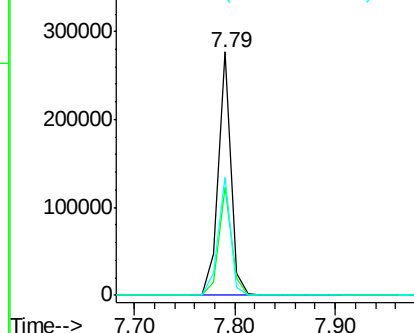
#23
Nitrobenzene-d5
Concen: 80.50 ng
RT: 7.79 min Scan# 604
Delta R.T. 0.00 min
Lab File: BF077969.D
Acq: 25 Mar 2015 23:42

Instrument :
BNA_F
ClientSampleId :
MW-8-3-23-15

Tot Ion: 82 Resp: 242918
Ion Ratio Lower Upper
82 100
128 44.3 32.8 49.2
54 48.7 40.6 60.8

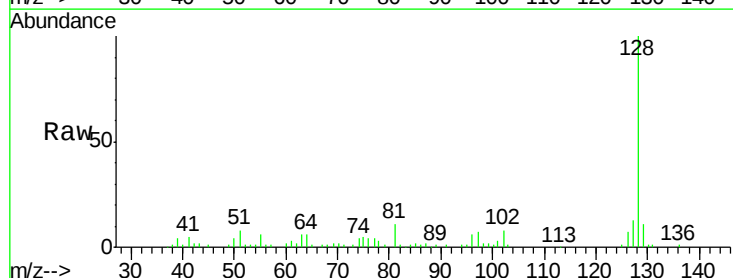


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

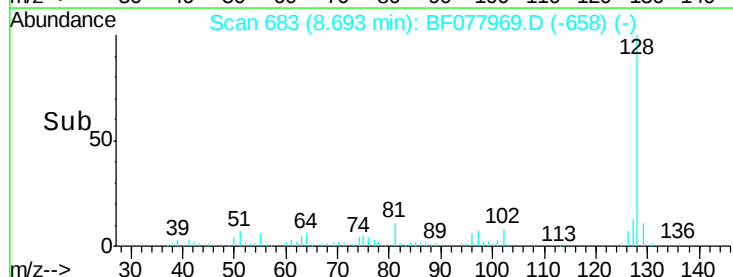
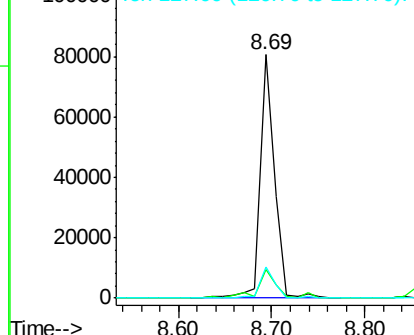


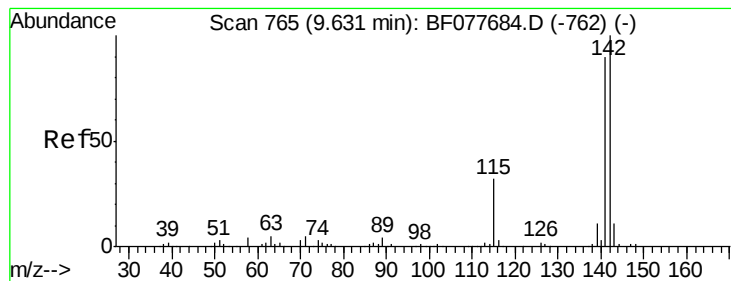
#31
Naphthalene
Concen: 8.39 ng
RT: 8.69 min Scan# 683
Delta R.T. -0.01 min
Lab File: BF077969.D
Acq: 25 Mar 2015 23:42

Tgt Ion: 128 Resp: 85241
Ion Ratio Lower Upper
128 100
129 11.5 8.9 13.3
127 12.7 10.4 15.6



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E





#37

2-Methylnaphthalene

Concen: 15.92 ng

RT: 9.55 min Scan# 758

Delta R.T. -0.01 min

Lab File: BF077969.D

Acq: 25 Mar 2015 23:42

Instrument :

BNA_F

ClientSampleId :

MW-8-3-23-15

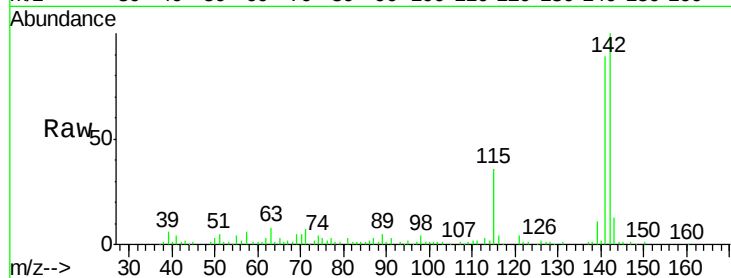
Tot Ion:142 Resp: 108669

Ion Ratio Lower Upper

142 100

141 88.6 71.9 107.9

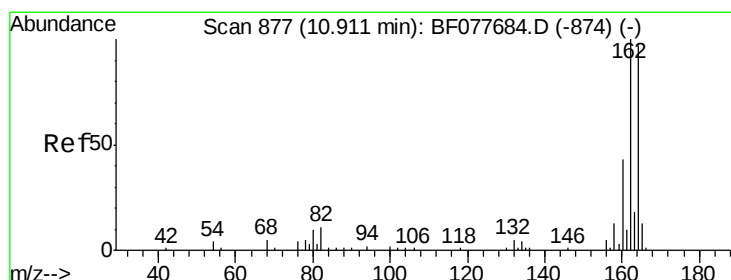
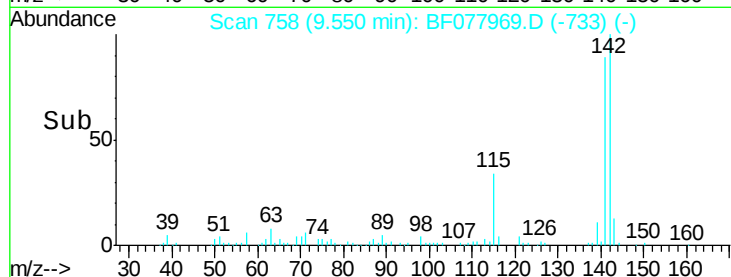
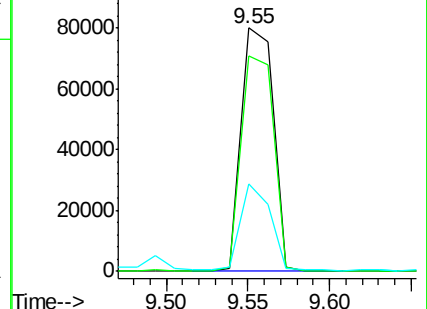
115 35.7 25.4 38.0



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.84 min Scan# 871

Delta R.T. 0.00 min

Lab File: BF077969.D

Acq: 25 Mar 2015 23:42

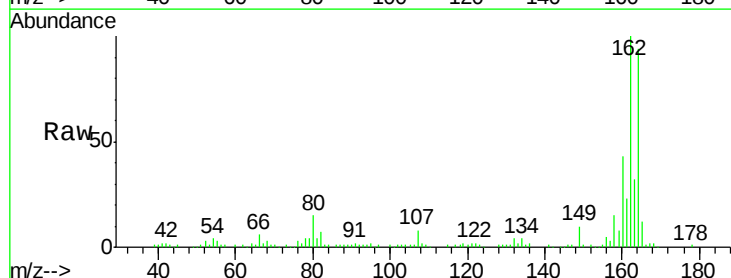
Tgt Ion:164 Resp: 103227

Ion Ratio Lower Upper

164 100

162 106.8 82.4 123.6

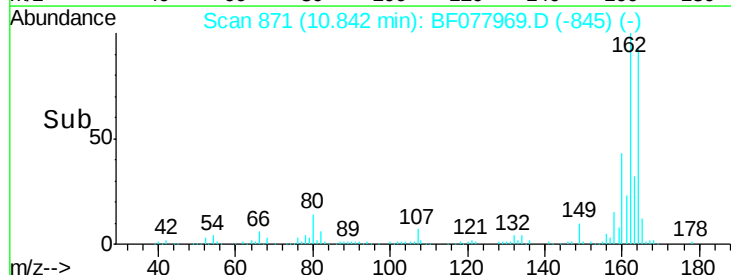
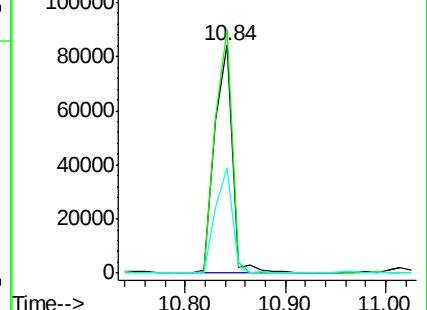
160 46.2 35.8 53.6



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

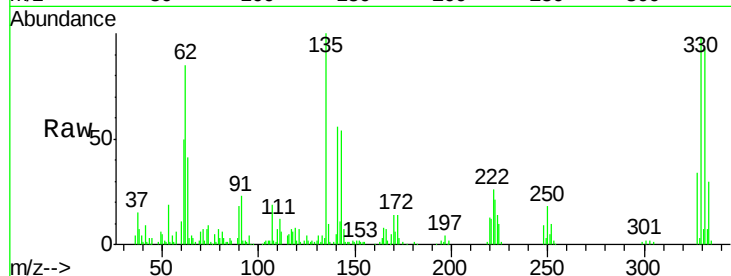




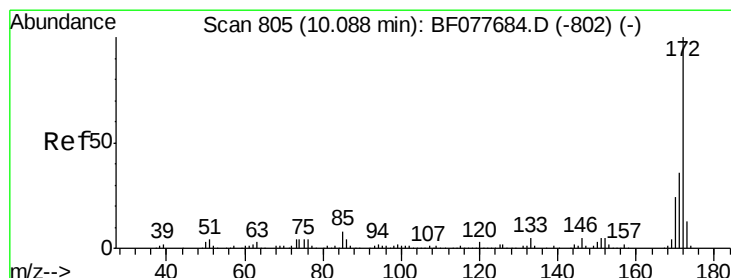
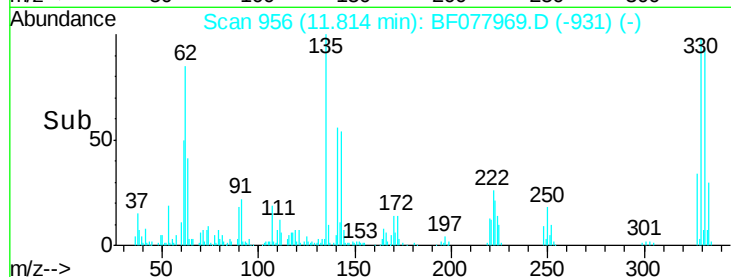
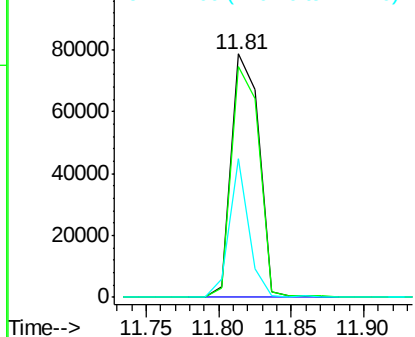
#41
 2,4,6-Tribromophenol
 Concen: 105.84 ng
 RT: 11.81 min Scan# 956
 Delta R.T. -0.01 min
 Lab File: BF077969.D
 Acq: 25 Mar 2015 23:42

Instrument :
 BNA_F
 ClientSampleId :
 MW-8-3-23-15

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.4	0.0	0.0#
141	40.2	0.0	0.0#

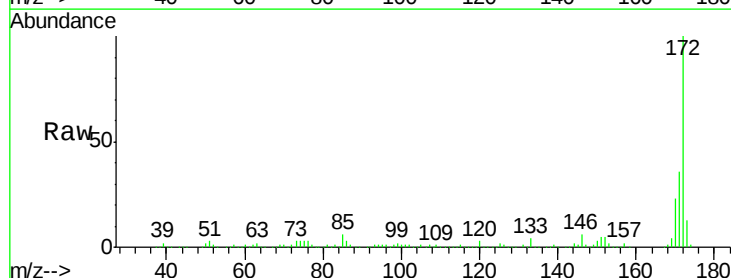


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

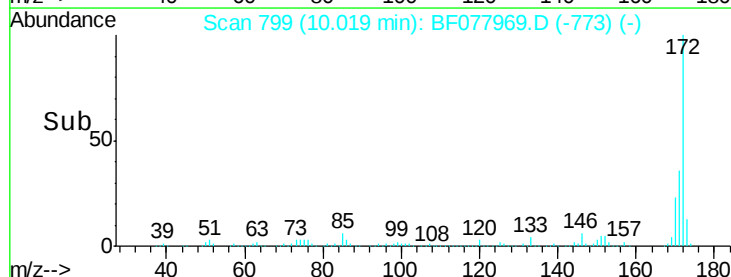
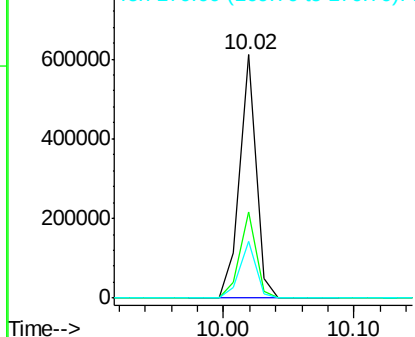


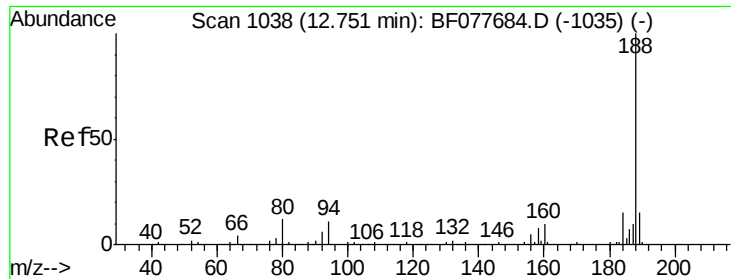
#44
 2-Fluorobiphenyl
 Concen: 76.03 ng
 RT: 10.02 min Scan# 799
 Delta R.T. 0.00 min
 Lab File: BF077969.D
 Acq: 25 Mar 2015 23:42

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.5	42.7
170	23.5	18.8	28.2



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

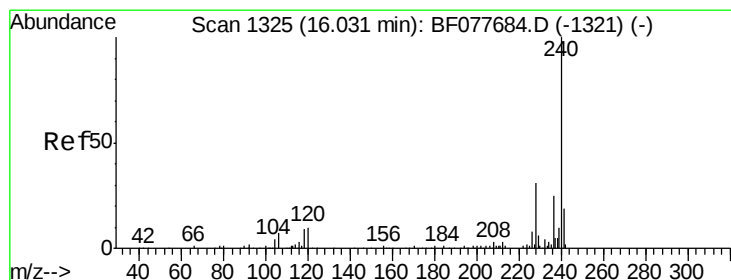
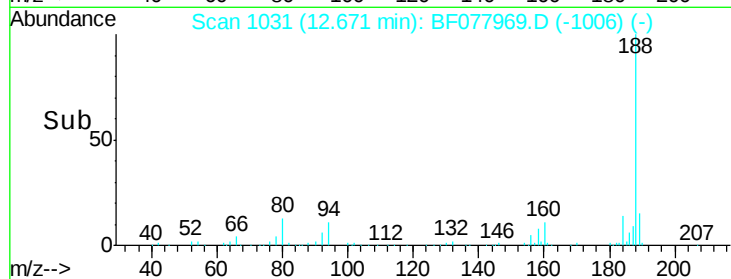
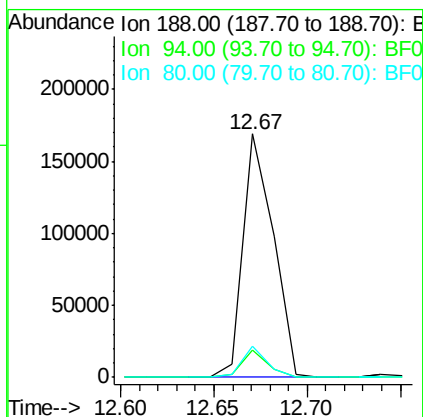
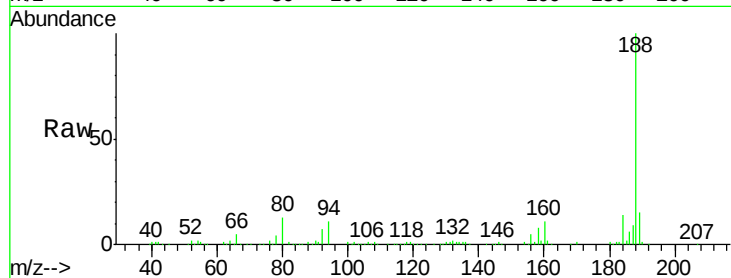




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.67 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF077969.D
Acq: 25 Mar 2015 23:42

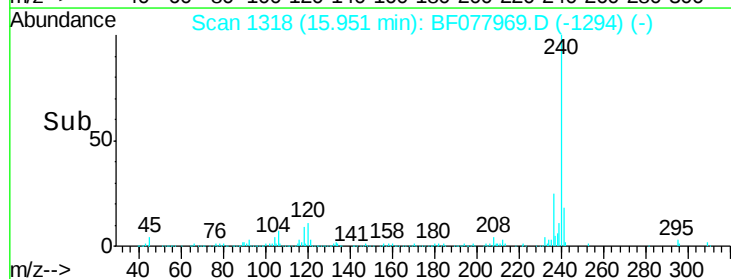
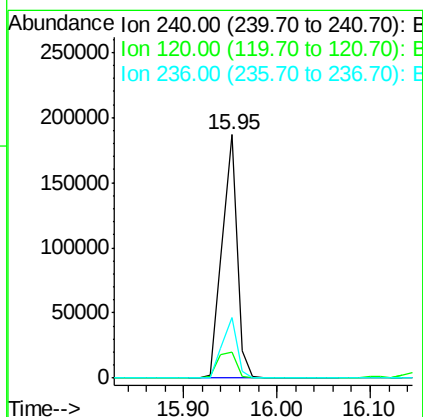
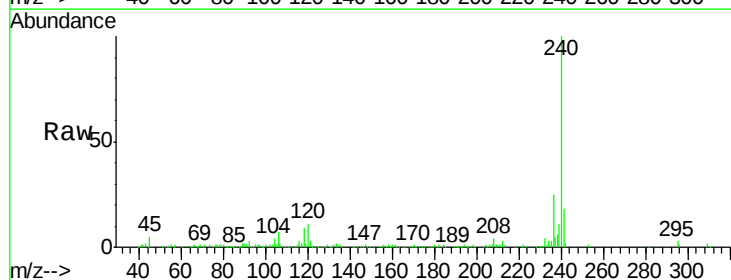
Instrument :
BNA_F
ClientSampleId :
MW-8-3-23-15

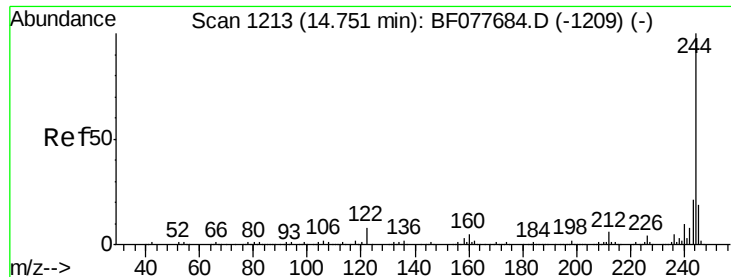
Tot Ion:188 Resp: 190621
Ion Ratio Lower Upper
188 100
94 11.3 8.7 13.1
80 13.0 9.3 13.9



#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.95 min Scan# 1318
Delta R.T. -0.02 min
Lab File: BF077969.D
Acq: 25 Mar 2015 23:42

Tgt Ion:240 Resp: 209124
Ion Ratio Lower Upper
240 100
120 10.8 8.2 12.2
236 25.1 20.0 30.0





#78

Terphenyl-d14

Concen: 68.88 ng

RT: 14.67 min Scan# 1206

Delta R.T. 0.00 min

Lab File: BF077969.D

Acq: 25 Mar 2015 23:42

Instrument :

BNA_F

ClientSampleId :

MW-8-3-23-15

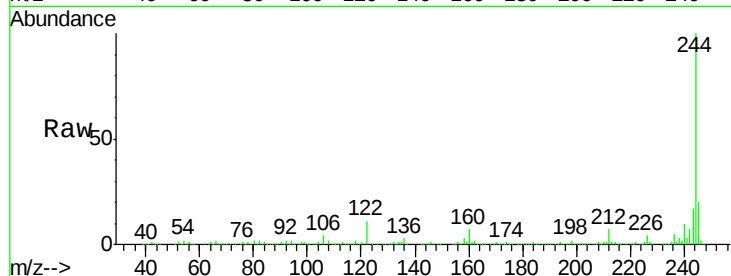
Tot Ion:244 Resp: 589661

Ion Ratio Lower Upper

244 100

212 6.7 4.9 7.3

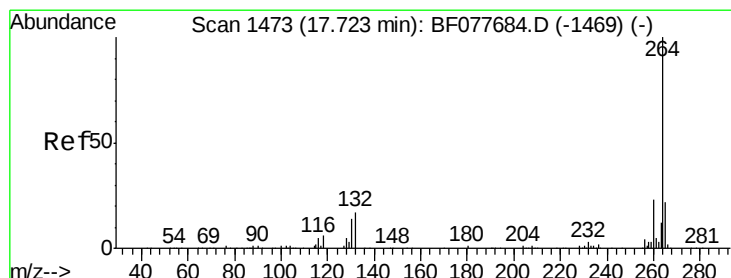
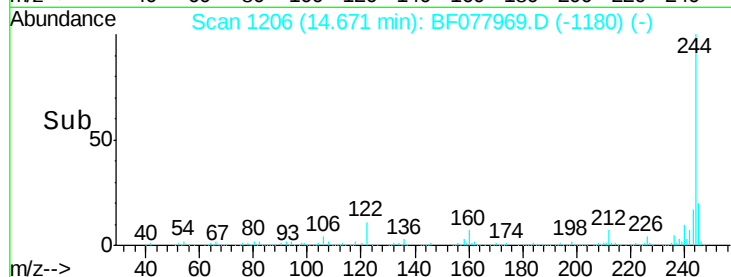
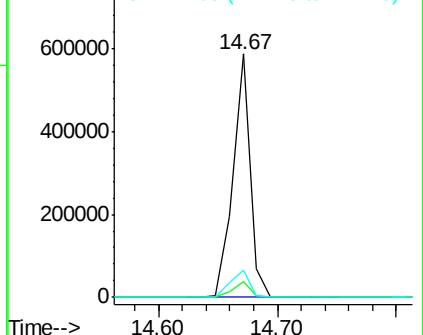
122 11.3 6.2 9.4#



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: 17.63 min Scan# 1465

Delta R.T. -0.11 min

Lab File: BF077969.D

Acq: 25 Mar 2015 23:42

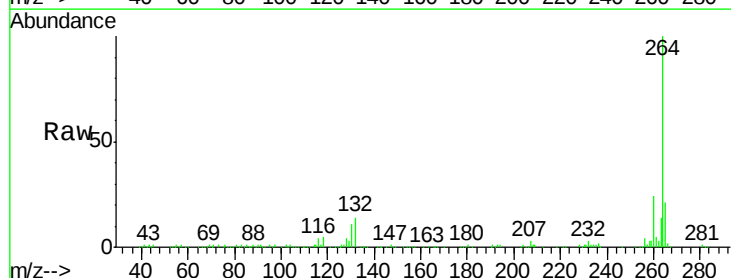
Tgt Ion:264 Resp: 209671

Ion Ratio Lower Upper

264 100

260 23.5 18.6 27.8

265 21.3 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

