

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072817\
 Data File : BF097154.D
 Acq On : 28 Jul 2017 15:06
 Operator : SJ/JU
 Sample : I4420-13
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 2A-6-7-8-9-10-COMP-(0-10)

Quant Time: Jul 28 16:19:58 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 25 14:11:51 2017
 Response via : Initial Calibration

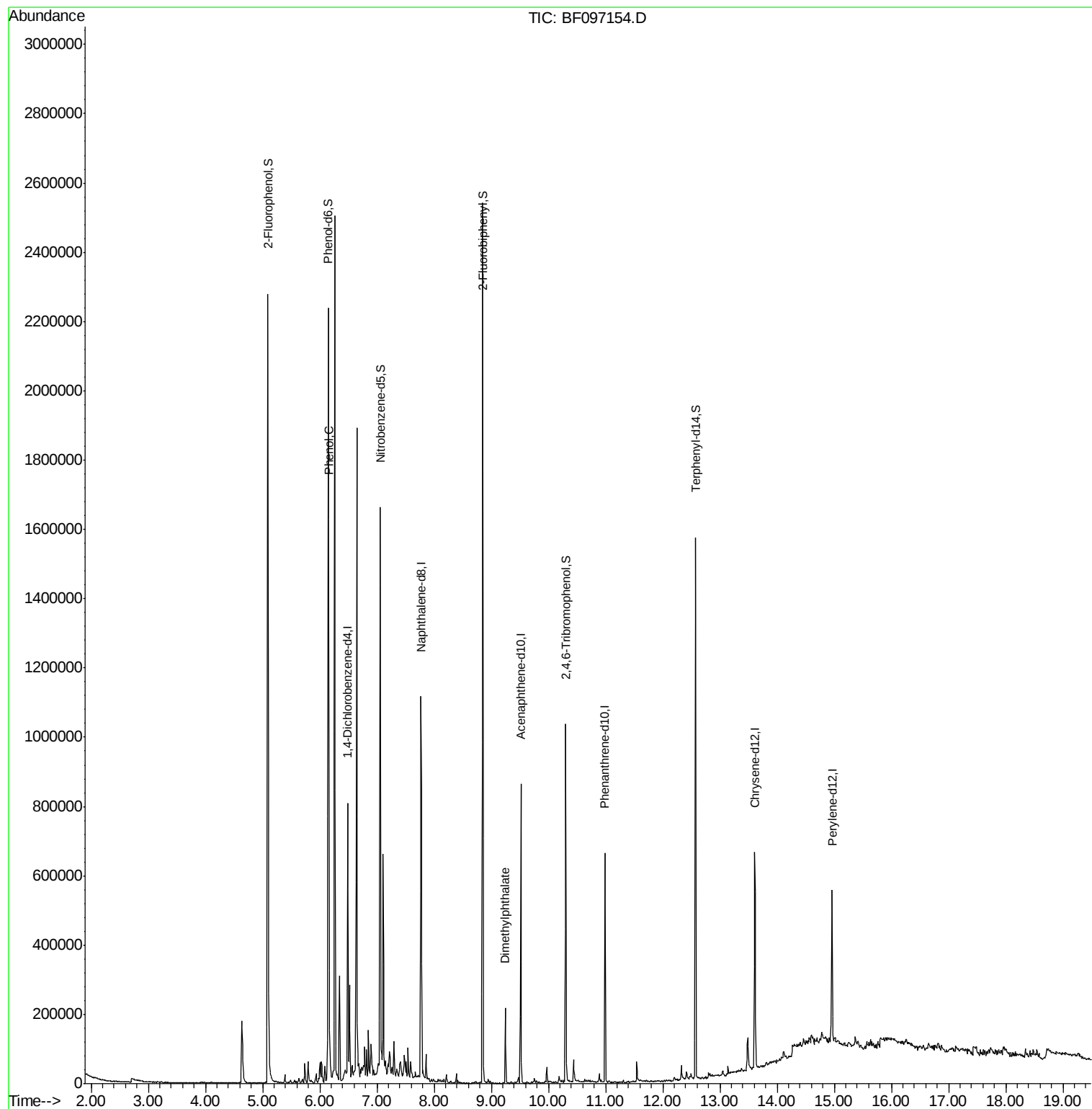
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.49	152	108884	20.00	ng	-0.01
21) Naphthalene-d8	7.77	136	442697	20.00	ng	-0.02
38) Acenaphthene-d10	9.52	164	165254	20.00	ng	-0.02
63) Phenanthrene-d10	10.99	188	232303	20.00	ng	-0.02
75) Chrysene-d12	13.61	240	203964	20.00	ng	-0.02
86) Perylene-d12	14.96	264	167603	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.09	112	707933	98.01	ng	0.00
7) Phenol-d6	6.15	99	810734	98.32	ng	-0.02
23) Nitrobenzene-d5	7.06	82	495809	65.70	ng	-0.02
41) 2,4,6-Tribromophenol	10.30	330	117555	90.03	ng	-0.02
44) 2-Fluorobiphenyl	8.85	172	806699	82.84	ng	-0.02
78) Terphenyl-d14	12.57	244	470010	46.98	ng	-0.01
Target Compounds						
10) Phenol	6.16	94	26295	2.688	ng	93
49) Dimethylphthalate	9.25	163	80024	6.377	ng	100

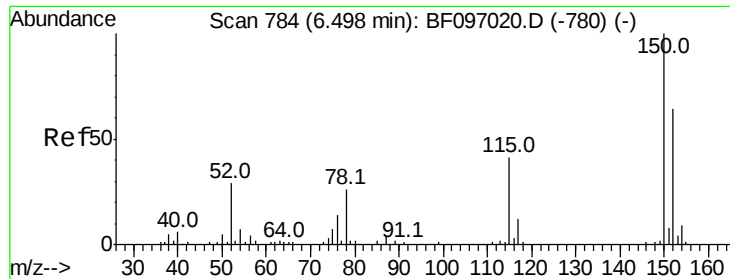
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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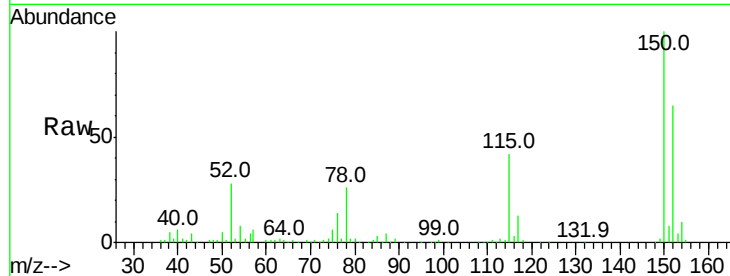


#1

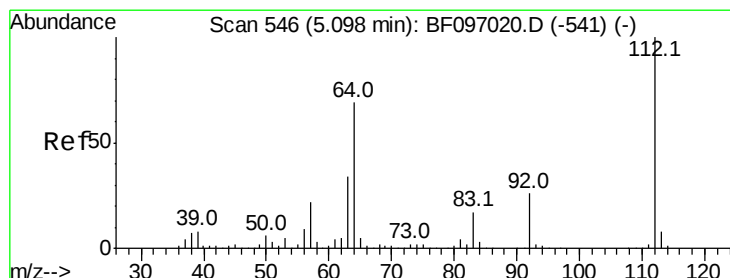
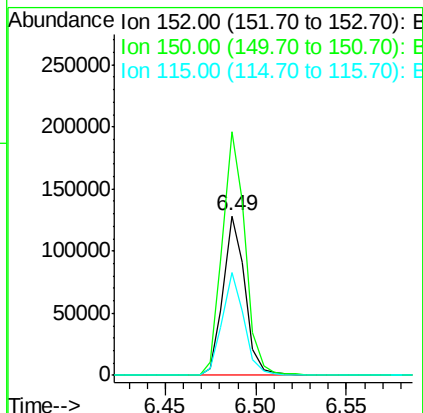
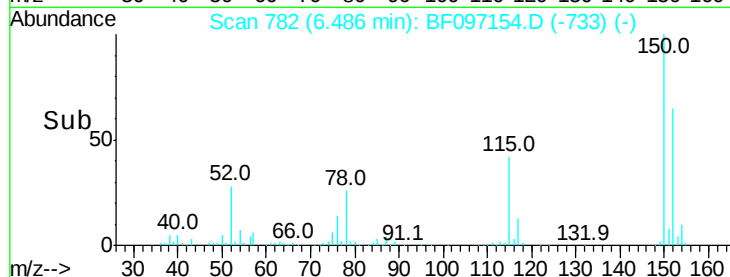
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.49 min Scan# 782
Delta R.T. -0.01 min
Lab File: BF097154.D
Acq: 28 Jul 2017 15:06

Instrument :
BNA_F
ClientSampleId :
2A-6-7-8-9-10-COMP-(0-10)

Tot Ion:152 Resp: 108884
Ion Ratio Lower Upper
152 100
150 152.7 126.2 189.2
115 64.1 52.2 78.2



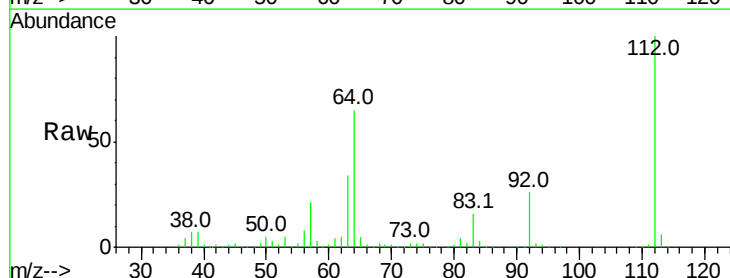
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



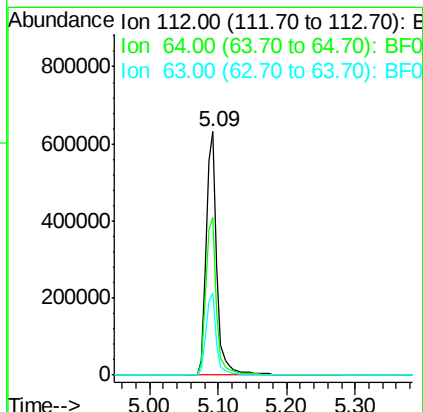
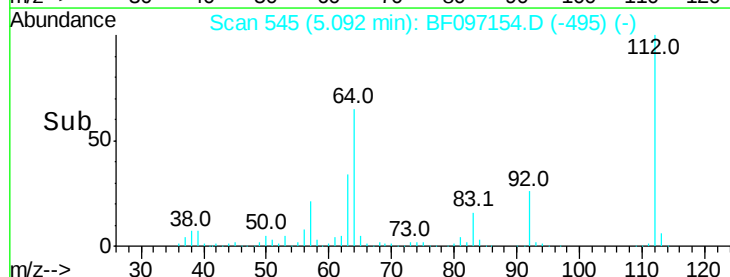
#5

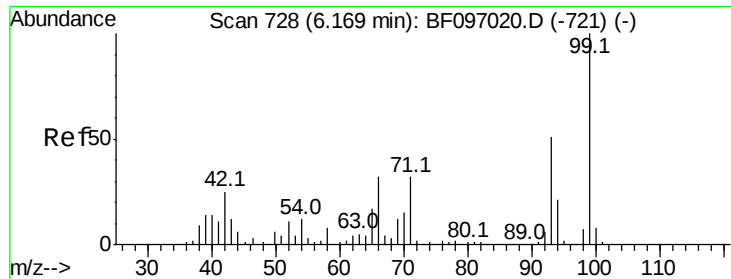
2-Fluorophenol
Concen: 98.013 ng
RT: 5.09 min Scan# 545
Delta R.T. -0.01 min
Lab File: BF097154.D
Acq: 28 Jul 2017 15:06

Tgt Ion:112 Resp: 707933
Ion Ratio Lower Upper
112 100
64 65.0 46.0 69.0
63 33.8 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: 98.321 ng

RT: 6.15 min Scan# 725

Delta R.T. -0.02 min

Lab File: BF097154.D

Acq: 28 Jul 2017 15:06

Instrument :

BNA_F

ClientSampleId :

2A-6-7-8-9-10-COMP-(0-10)

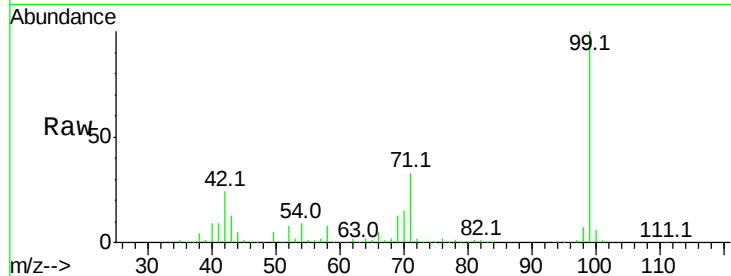
Tot Ion: 99 Resp: 810734

Ion Ratio Lower Upper

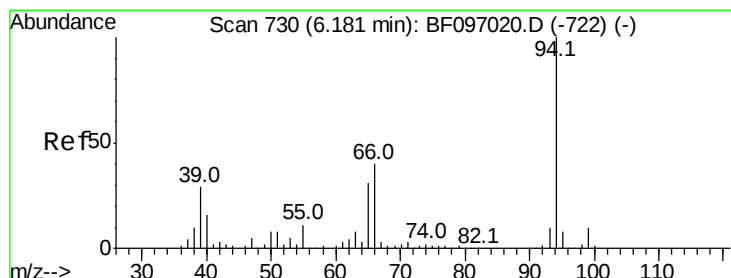
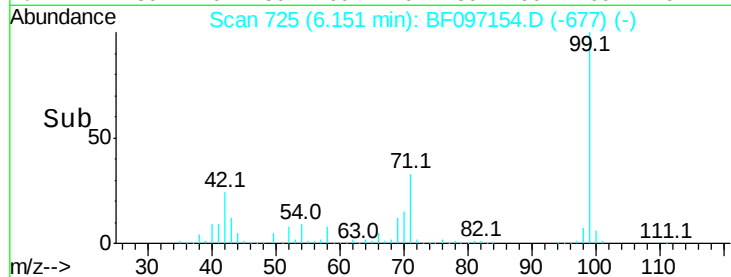
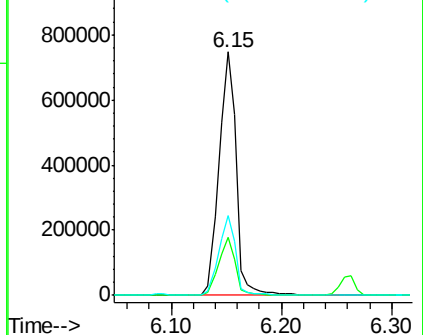
99 100

42 23.8 13.5 20.3#

71 32.7 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



#10

Phenol

Concen: 2.688 ng

RT: 6.16 min Scan# 727

Delta R.T. -0.02 min

Lab File: BF097154.D

Acq: 28 Jul 2017 15:06

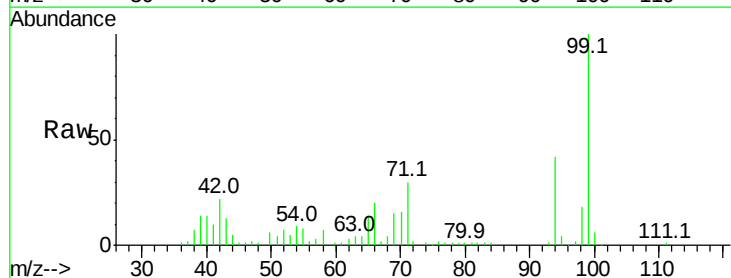
Tgt Ion: 94 Resp: 26295

Ion Ratio Lower Upper

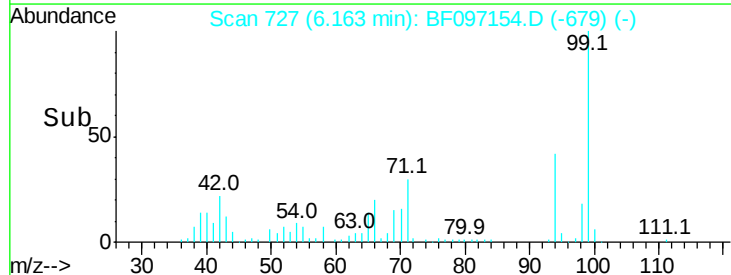
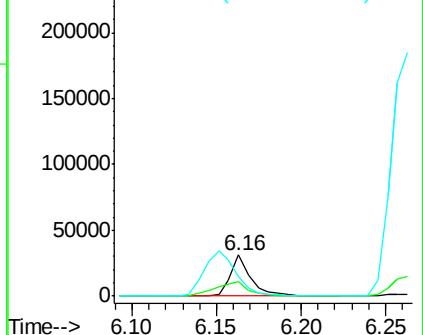
94 100

65 33.9 9.9 49.9

66 47.7 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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.77 min Scan# 1000

Delta R.T. -0.02 min

Lab File: BF097154.D

Acq: 28 Jul 2017 15:06

Instrument :

BNA_F

ClientSampleId :

2A-6-7-8-9-10-COMP-(0-10)

Tot Ion:136 Resp: 442697

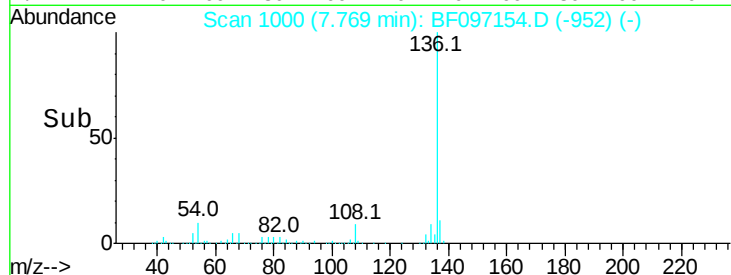
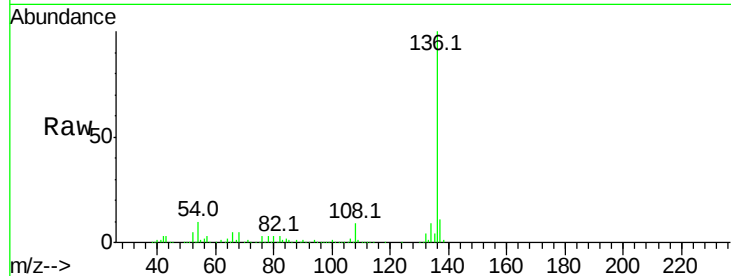
Ion Ratio Lower Upper

136 100

137 11.0 8.5 12.7

54 10.3 4.9 7.3#

68 5.5 4.1 6.1

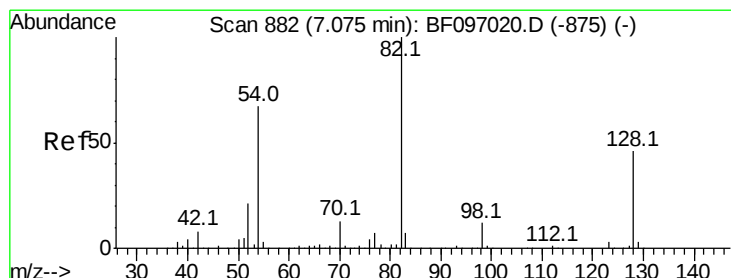
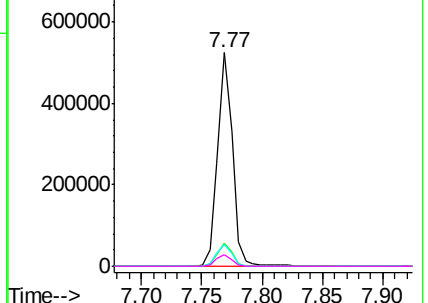


Abundance Ion 136.00 (135.70 to 136.70): E

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: 65.702 ng

RT: 7.06 min Scan# 879

Delta R.T. -0.02 min

Lab File: BF097154.D

Acq: 28 Jul 2017 15:06

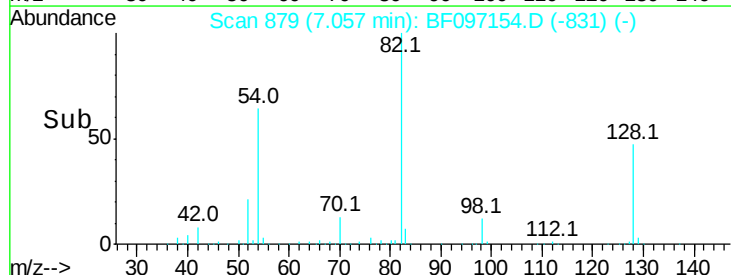
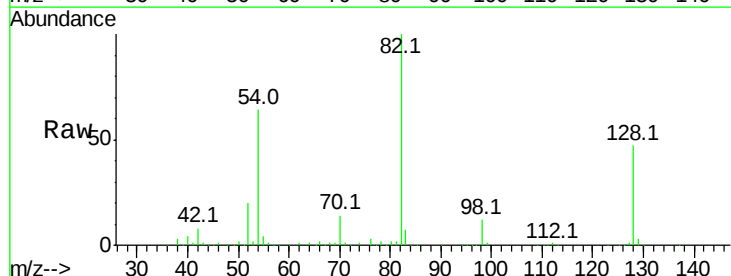
Tgt Ion: 82 Resp: 495809

Ion Ratio Lower Upper

82 100

128 46.8 34.0 51.0

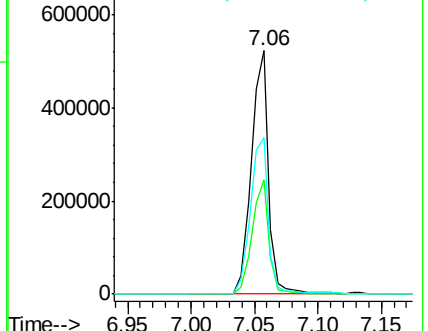
54 64.3 42.2 63.2#



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

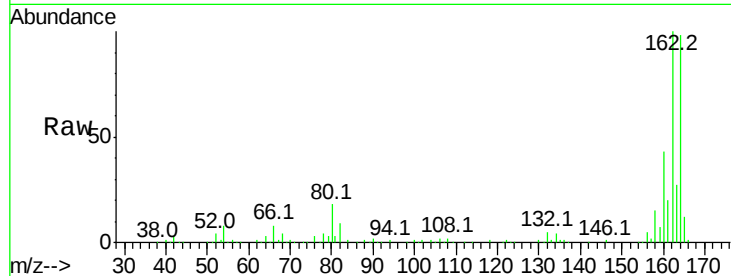




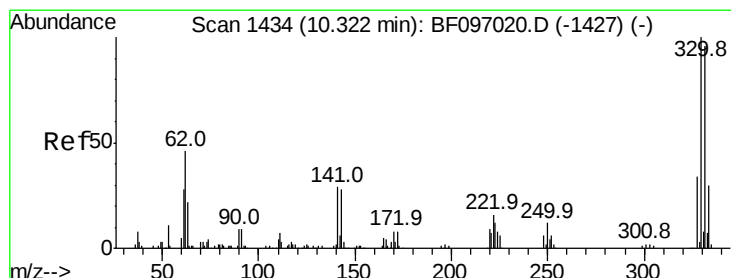
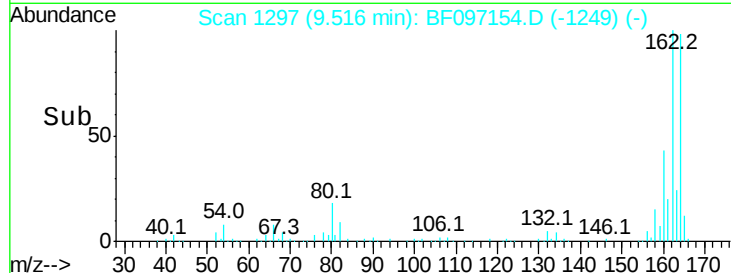
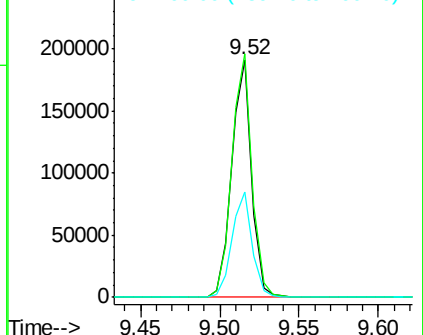
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.52 min Scan# 1297
 Delta R.T. -0.02 min
 Lab File: BF097154.D
 Acq: 28 Jul 2017 15:06

Instrument :
 BNA_F
 ClientSampleId :
 2A-6-7-8-9-10-COMP-(0-10)

Tot Ion:164 Resp: 165254
 Ion Ratio Lower Upper
 164 100
 162 102.5 82.6 123.8
 160 44.5 36.2 54.2

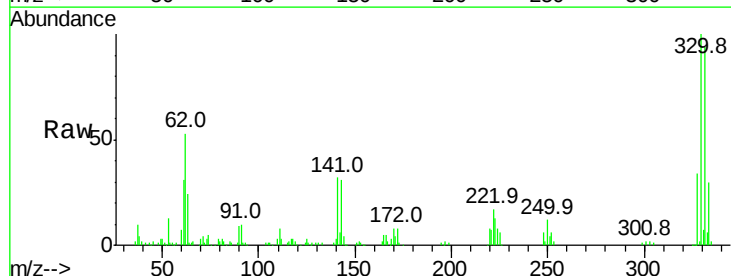


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

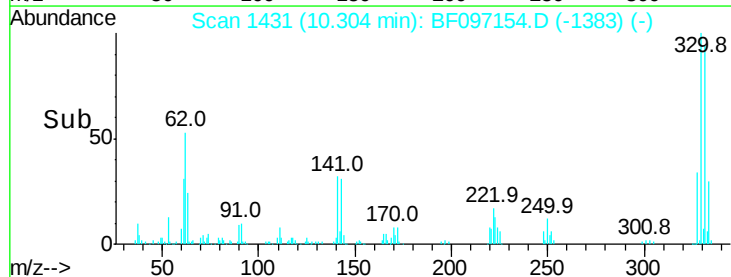
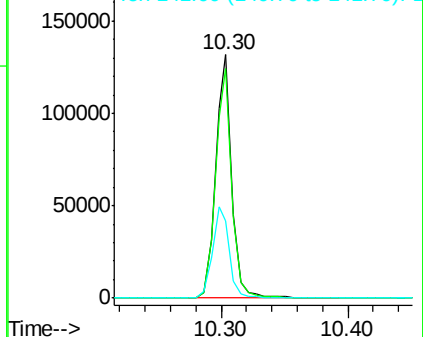


#41
 2,4,6-Tribromophenol
 Concen: 90.034 ng
 RT: 10.30 min Scan# 1431
 Delta R.T. -0.02 min
 Lab File: BF097154.D
 Acq: 28 Jul 2017 15:06

Tgt Ion:330 Resp: 117555
 Ion Ratio Lower Upper
 330 100
 332 94.8 76.6 115.0
 141 39.1 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

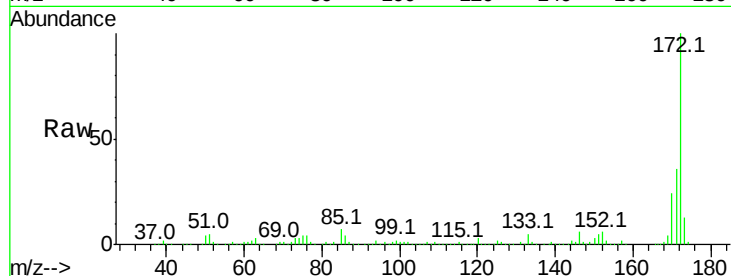




#44
2-Fluorobiphenyl
Concen: 82.845 ng
RT: 8.85 min Scan# 1184
Delta R.T. -0.02 min
Lab File: BF097154.D
Acq: 28 Jul 2017 15:06

Instrument :
BNA_F
ClientSampleId :
2A-6-7-8-9-10-COMP-(0-10)

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.6	44.4
170	23.7	19.8	29.8

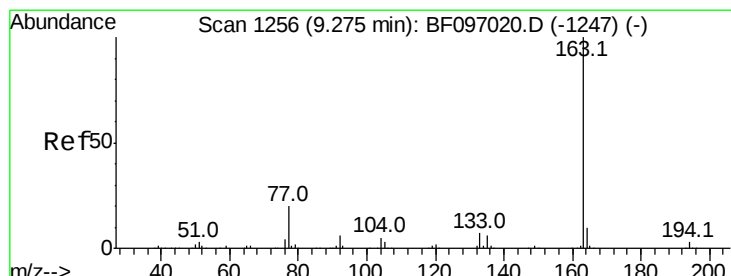
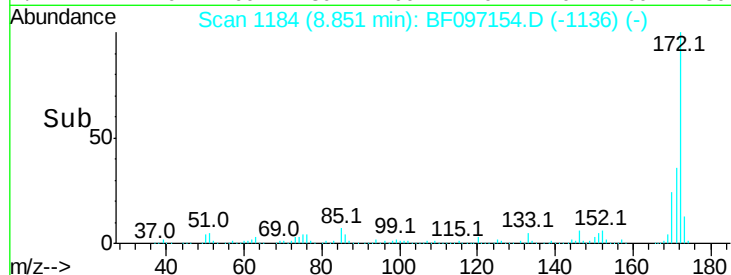
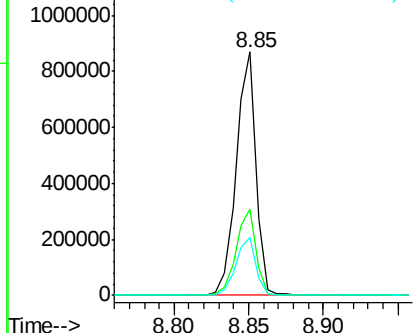


Abundance

Ion 172.00 (171.70 to 172.70): E

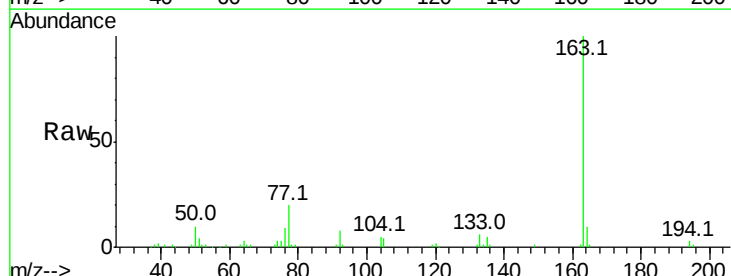
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#49
Dimethylphthalate
Concen: 6.377 ng
RT: 9.25 min Scan# 1251
Delta R.T. -0.03 min
Lab File: BF097154.D
Acq: 28 Jul 2017 15:06

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.1	2.6	4.0
164	10.5	8.4	12.6

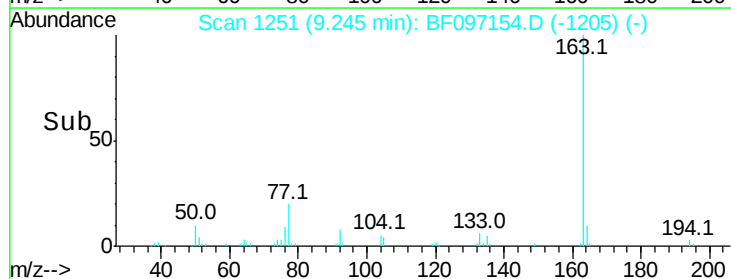
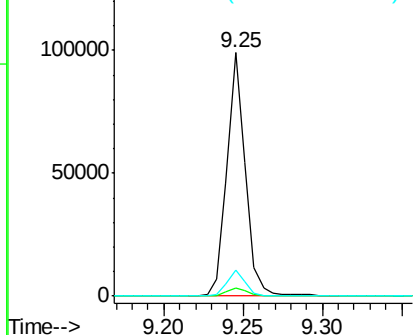


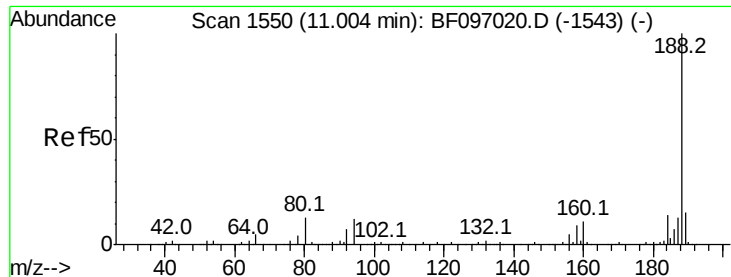
Abundance

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: 20.000 ng

RT: 10.99 min Scan# 1547

Delta R.T. -0.02 min

Lab File: BF097154.D

Acq: 28 Jul 2017 15:06

Instrument :

BNA_F

ClientSampleId :

2A-6-7-8-9-10-COMP-(0-10)

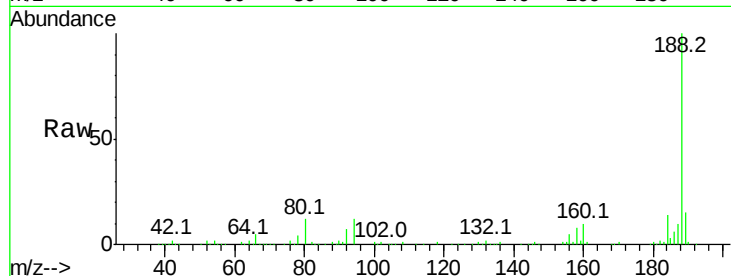
Tot Ion:188 Resp: 232303

Ion Ratio Lower Upper

188 100

94 12.1 9.4 14.2

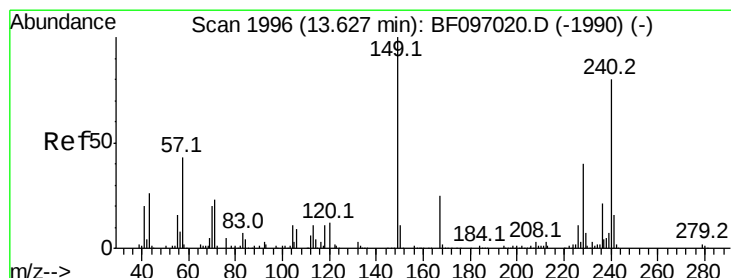
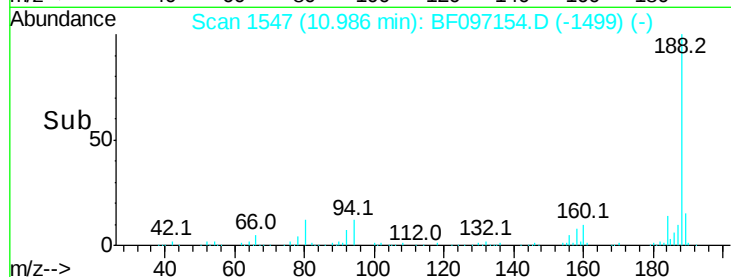
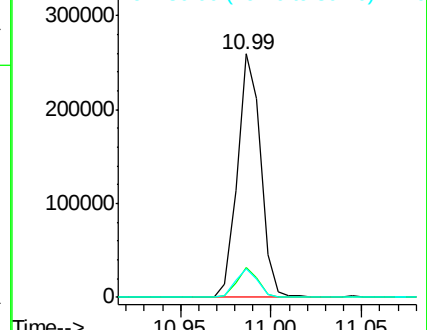
80 11.8 10.2 15.2



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: 20.000 ng

RT: 13.61 min Scan# 1993

Delta R.T. -0.02 min

Lab File: BF097154.D

Acq: 28 Jul 2017 15:06

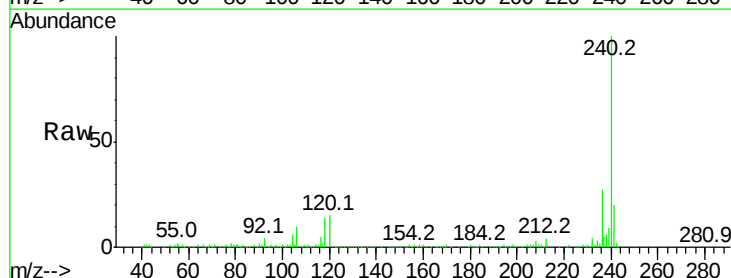
Tgt Ion:240 Resp: 203964

Ion Ratio Lower Upper

240 100

120 15.0 5.8 8.8#

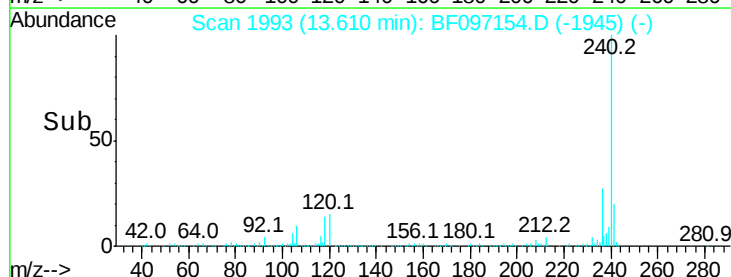
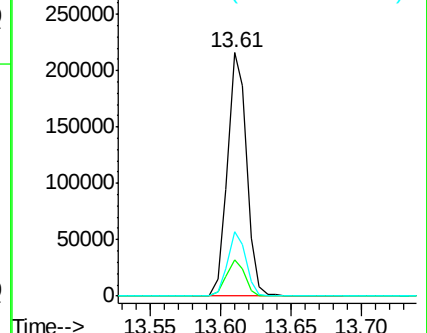
236 26.5 20.5 30.7

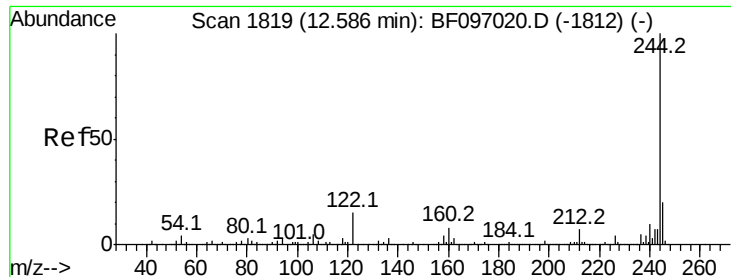


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 46.983 ng

RT: 12.57 min Scan# 1817

Delta R.T. -0.01 min

Lab File: BF097154.D

Acq: 28 Jul 2017 15:06

Instrument :

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2A-6-7-8-9-10-COMP-(0-10)

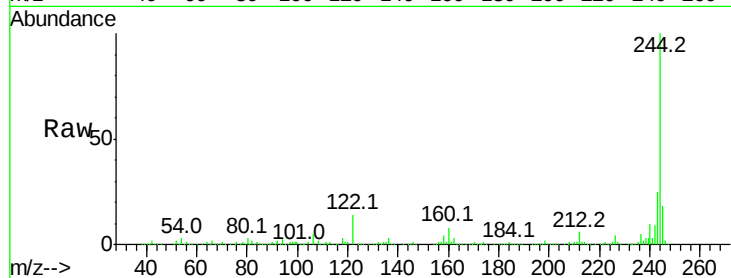
Tot Ion:244 Resp: 470010

Ion Ratio Lower Upper

244 100

212 6.4 6.0 9.0

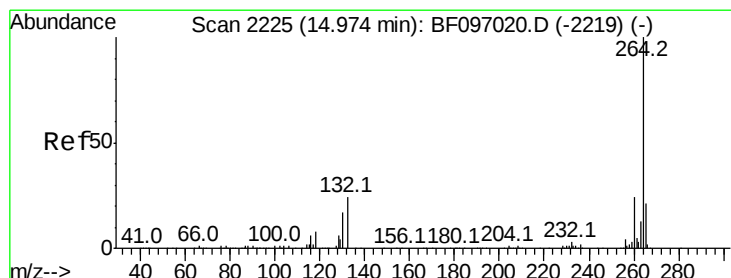
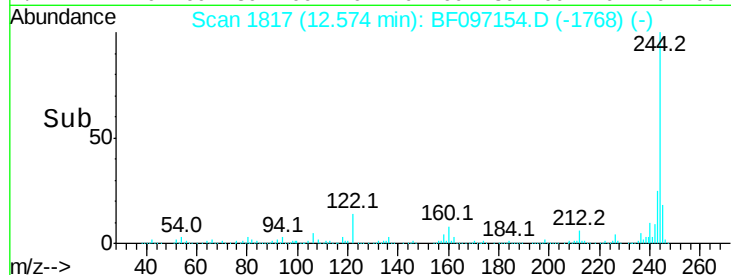
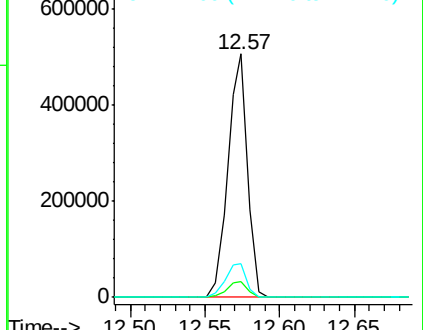
122 13.9 10.3 15.5



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

Perylene-d12

Concen: 20.000 ng

RT: 14.96 min Scan# 2223

Delta R.T. -0.01 min

Lab File: BF097154.D

Acq: 28 Jul 2017 15:06

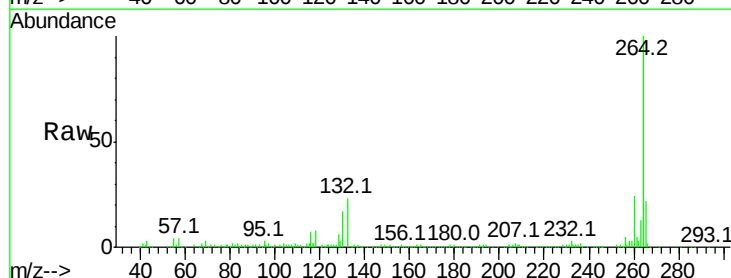
Tgt Ion:264 Resp: 167603

Ion Ratio Lower Upper

264 100

260 23.8 19.5 29.3

265 22.0 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

