

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052517\
 Data File : BF095450.D
 Acq On : 26 May 2017 7:14
 Operator : SJ/MA
 Sample : I3308-06
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-16-COMP

Quant Time: May 26 08:45:53 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

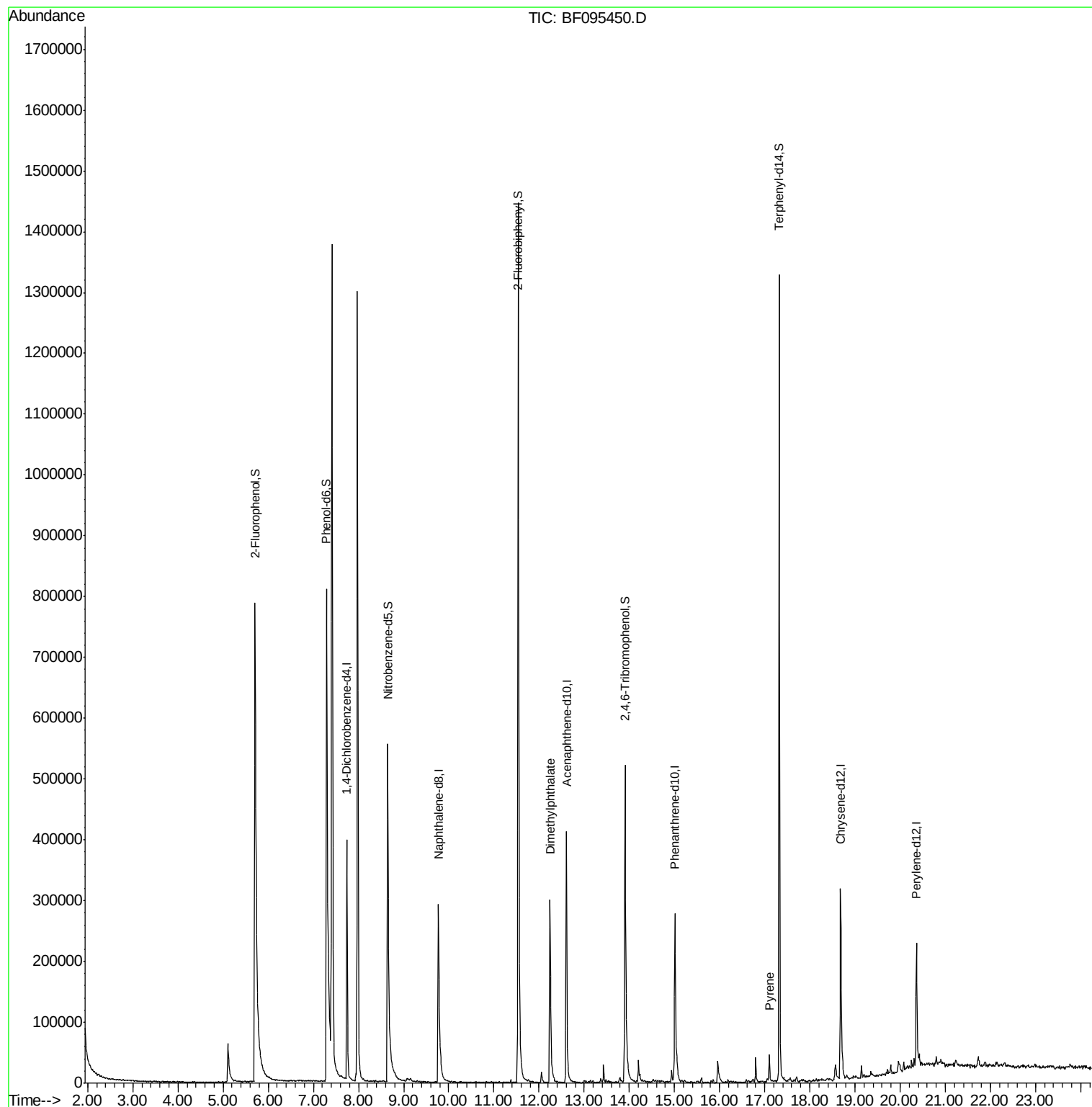
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	89636	20.00	ng	-0.02
21) Naphthalene-d8	9.77	136	341381	20.00	ng	-0.01
38) Acenaphthene-d10	12.61	164	147928	20.00	ng	-0.01
63) Phenanthrene-d10	15.01	188	218146	20.00	ng	-0.01
75) Chrysene-d12	18.68	240	172081	20.00	ng	-0.01
86) Perylene-d12	20.37	264	119660	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	672824	125.14	ng	-0.03
7) Phenol-d6	7.29	99	795014	123.24	ng	-0.02
23) Nitrobenzene-d5	8.65	82	434204	80.20	ng	-0.02
41) 2,4,6-Tribromophenol	13.91	330	126902	104.75	ng	-0.01
44) 2-Fluorobiphenyl	11.54	172	897938	87.37	ng	-0.02
78) Terphenyl-d14	17.32	244	547024	70.02	ng	-0.02
Target Compounds						Qvalue
49) Dimethylphthalate	12.24	163	285473	23.51	ng	98
77) Pyrene	17.10	202	26903	2.09	ng	96

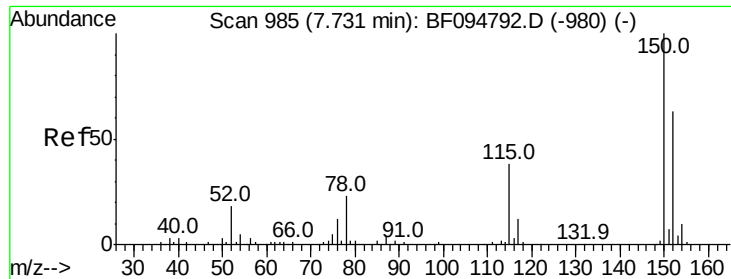
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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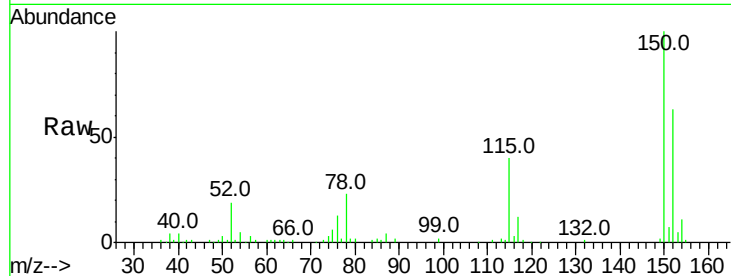


#1

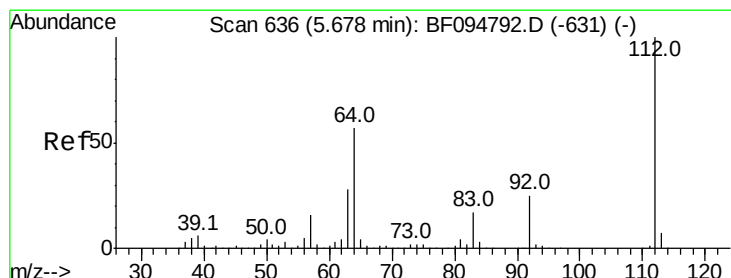
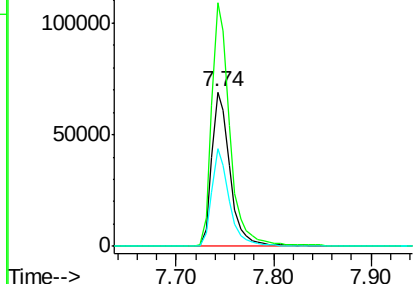
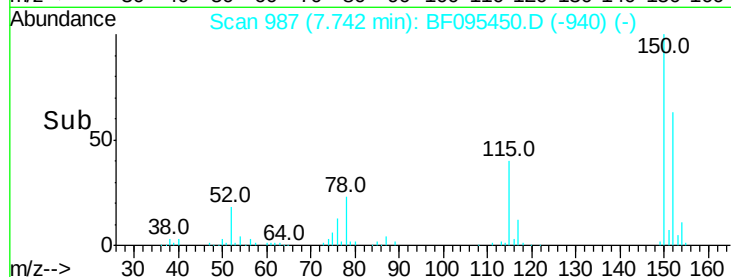
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.74 min Scan# 987
Delta R.T. -0.02 min
Lab File: BF095450.D
Acq: 26 May 2017 7:14

Instrument :
BNA_F
ClientSampleId :
SB-16-COMP

Tot Ion:152 Resp: 89636
Ion Ratio Lower Upper
152 100
150 157.9 126.2 189.2
115 63.7 52.2 78.2



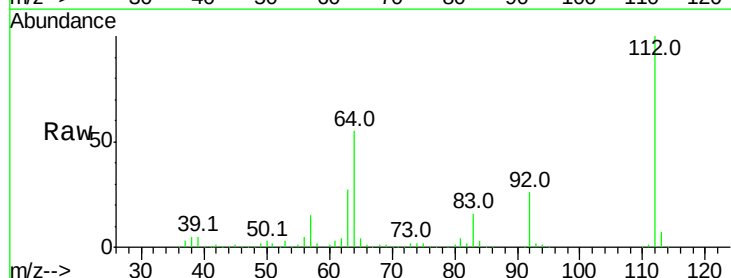
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



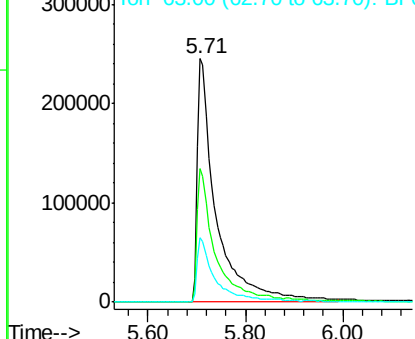
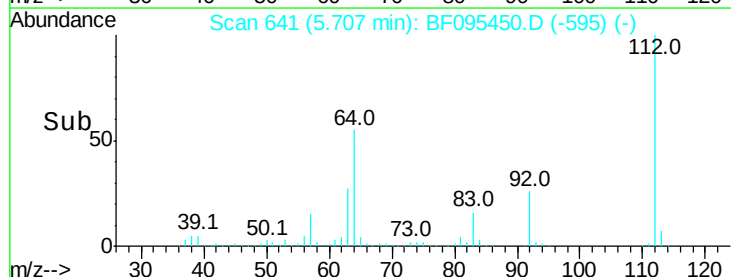
#5

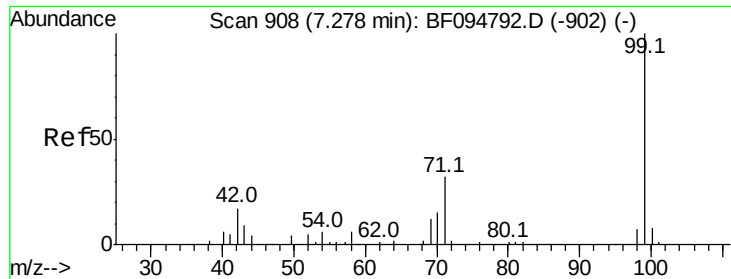
2-Fluorophenol
Concen: 125.14 ng
RT: 5.71 min Scan# 641
Delta R.T. -0.03 min
Lab File: BF095450.D
Acq: 26 May 2017 7:14

Tgt Ion:112 Resp: 672824
Ion Ratio Lower Upper
112 100
64 55.1 46.0 69.0
63 26.6 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: 123.24 ng

RT: 7.29 min Scan# 910

Delta R.T. -0.02 min

Lab File: BF095450.D

Acq: 26 May 2017 7:14

Instrument :

BNA_F

ClientSampleId :

SB-16-COMP

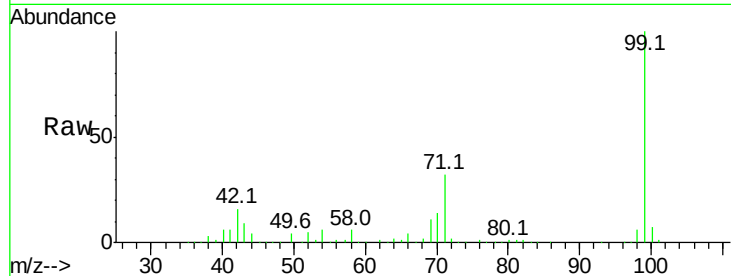
Tot Ion: 99 Resp: 795014

Ion Ratio Lower Upper

99 100

42 16.2 13.5 20.3

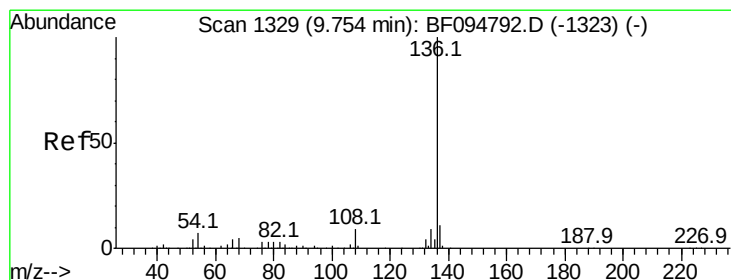
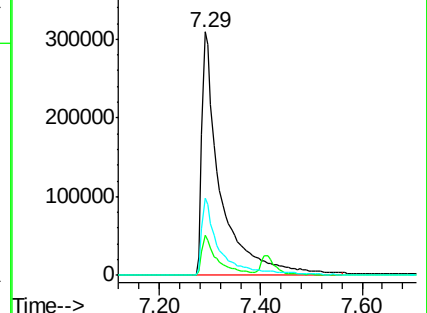
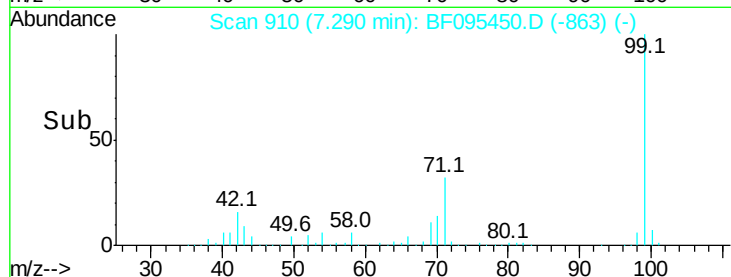
71 31.7 24.5 36.7



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.77 min Scan# 1332

Delta R.T. -0.01 min

Lab File: BF095450.D

Acq: 26 May 2017 7:14

Tgt Ion: 136 Resp: 341381

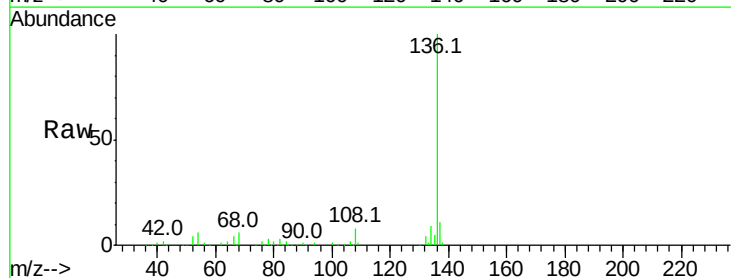
Ion Ratio Lower Upper

136 100

137 10.7 8.5 12.7

54 6.4 4.9 7.3

68 5.7 4.1 6.1

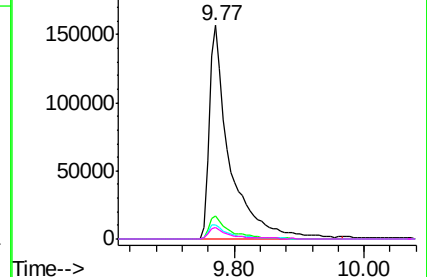
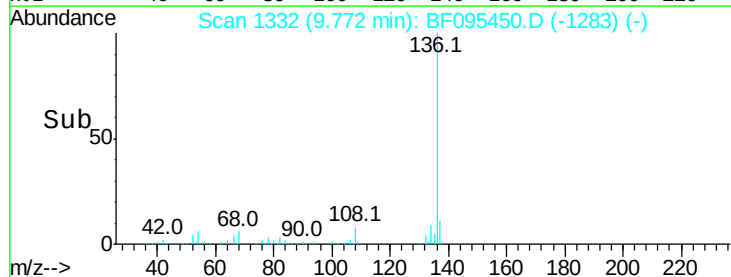


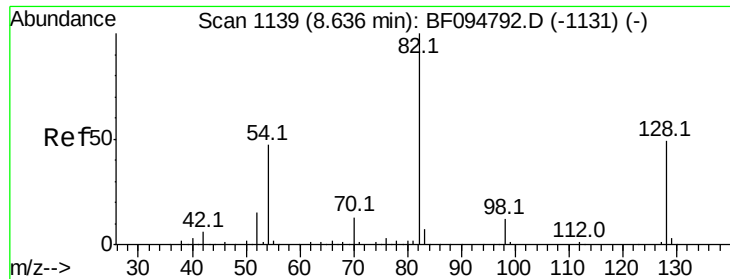
Abundance Ion 136.00 (135.70 to 136.70): E

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

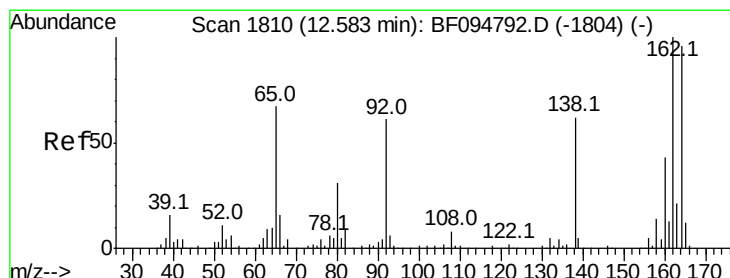
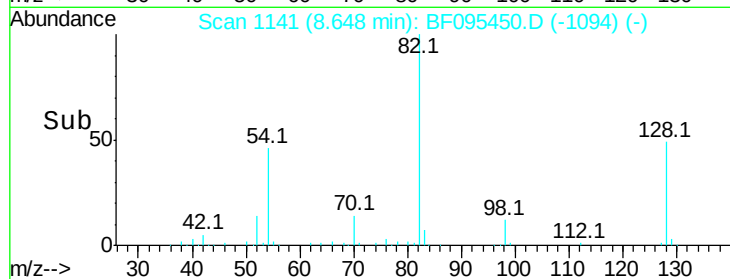
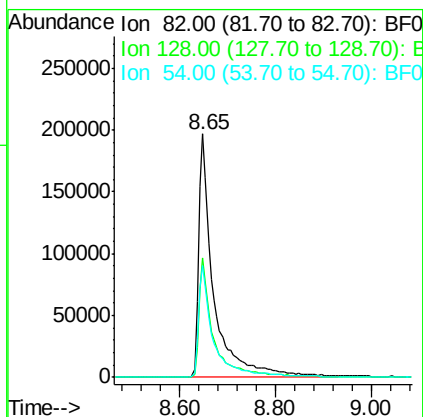
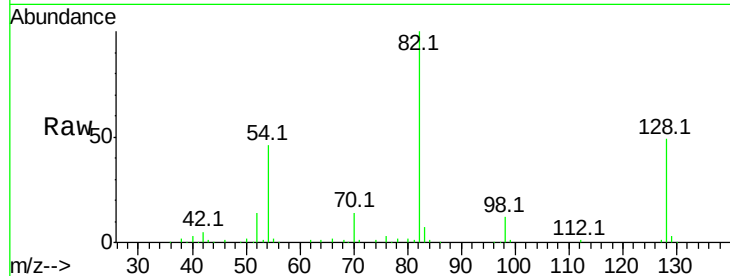




#23
 Nitrobenzene-d5
 Concen: 80.20 ng
 RT: 8.65 min Scan# 1141
 Delta R.T. -0.02 min
 Lab File: BF095450.D
 Acq: 26 May 2017 7:14

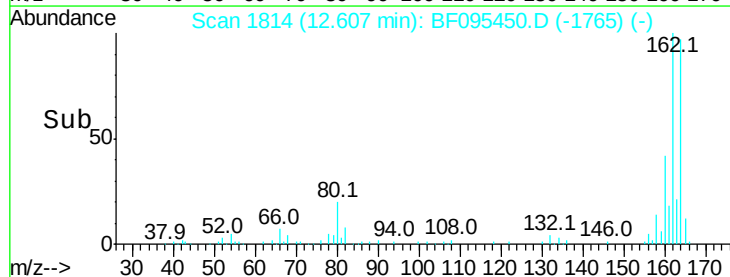
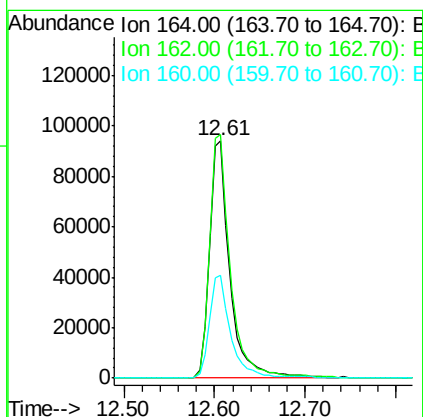
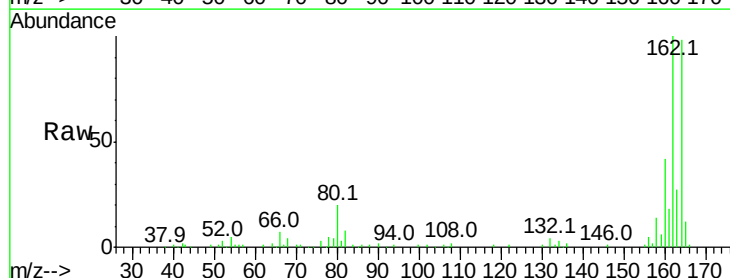
Instrument :
 BNA_F
 ClientSampleId :
 SB-16-COMP

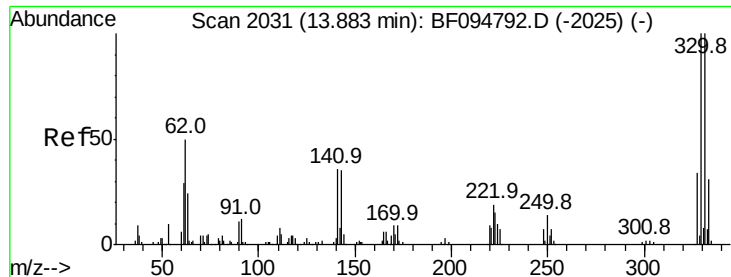
Tot Ion: 82 Resp: 434204
 Ion Ratio Lower Upper
 82 100
 128 49.2 34.0 51.0
 54 46.1 42.2 63.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.61 min Scan# 1814
 Delta R.T. -0.01 min
 Lab File: BF095450.D
 Acq: 26 May 2017 7:14

Tgt Ion:164 Resp: 147928
 Ion Ratio Lower Upper
 164 100
 162 102.5 82.6 123.8
 160 43.5 36.2 54.2





#41

2,4,6-Tribromophenol

Concen: 104.75 ng

RT: 13.91 min Scan# 2035

Delta R.T. -0.01 min

Lab File: BF095450.D

Acq: 26 May 2017 7:14

Instrument :

BNA_F

ClientSampleId :

SB-16-COMP

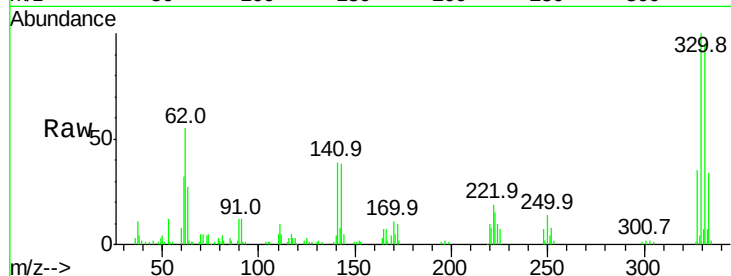
Tot Ion:330 Resp: 126902

Ion Ratio Lower Upper

330 100

332 96.4 76.6 115.0

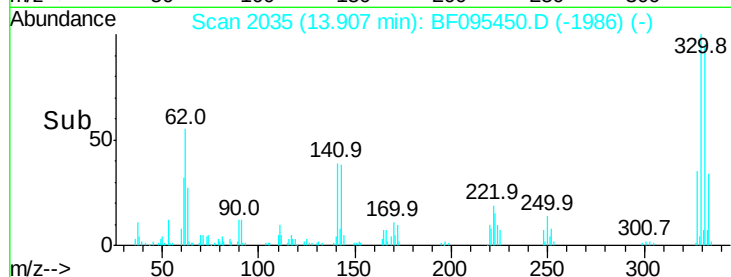
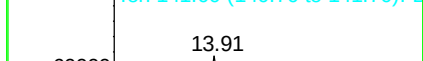
141 40.7 31.4 47.2



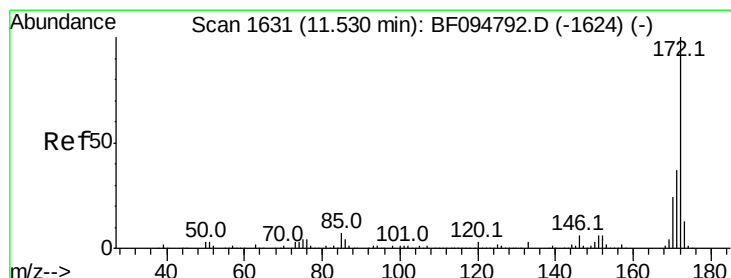
Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



Time--> 13.80 13.90 14.00 14.10



#44

2-Fluorobiphenyl

Concen: 87.37 ng

RT: 11.54 min Scan# 1633

Delta R.T. -0.02 min

Lab File: BF095450.D

Acq: 26 May 2017 7:14

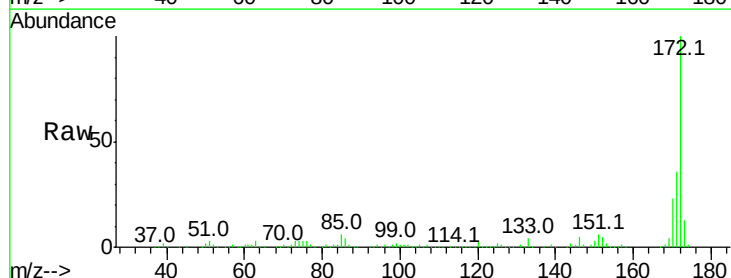
Tgt Ion:172 Resp: 897938

Ion Ratio Lower Upper

172 100

171 36.1 29.6 44.4

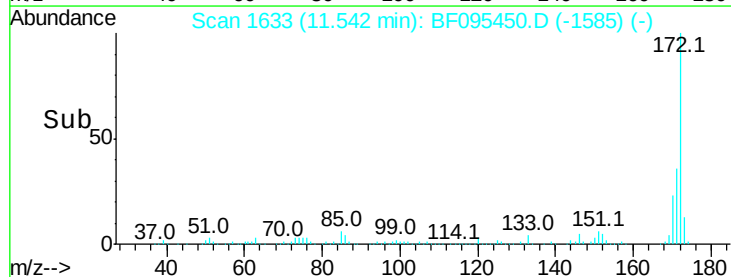
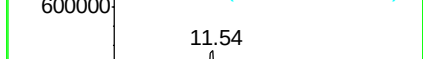
170 22.7 19.8 29.8



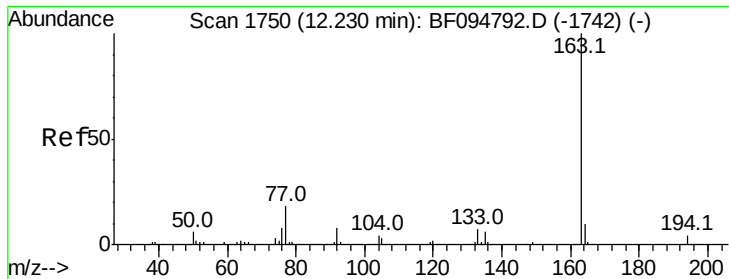
Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



Time--> 11.40 11.60 11.80



#49

Dimethylphthalate

Concen: 23.51 ng

RT: 12.24 min Scan# 1752

Delta R.T. -0.02 min

Lab File: BF095450.D

Acq: 26 May 2017 7:14

Instrument :

BNA_F

ClientSampleId :

SB-16-COMP

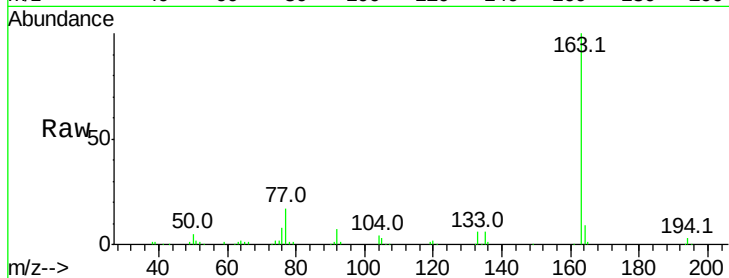
Tot Ion:163 Resp: 285473

Ion Ratio Lower Upper

163 100

194 3.2 2.6 4.0

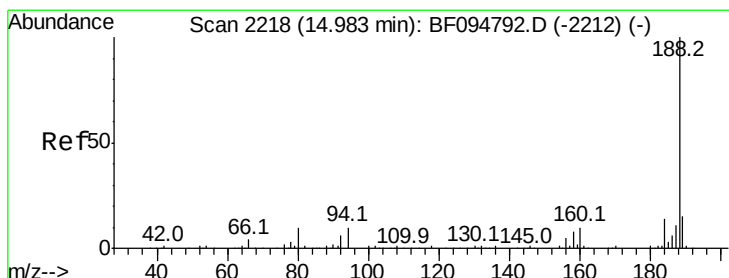
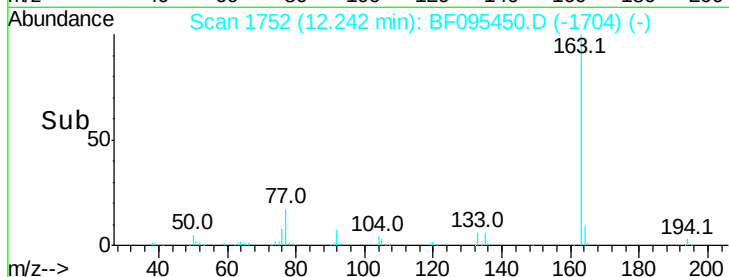
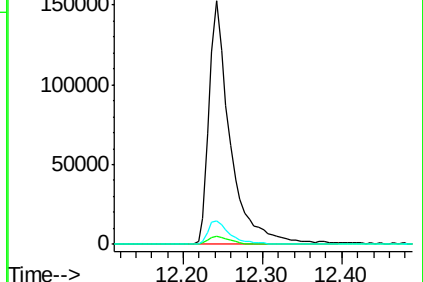
164 9.5 8.4 12.6



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: 20.00 ng

RT: 15.01 min Scan# 2223

Delta R.T. -0.01 min

Lab File: BF095450.D

Acq: 26 May 2017 7:14

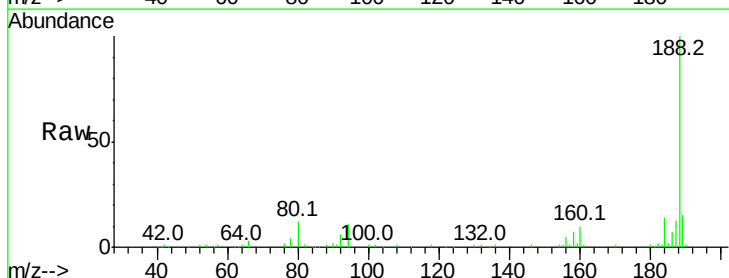
Tgt Ion:188 Resp: 218146

Ion Ratio Lower Upper

188 100

94 11.2 9.4 14.2

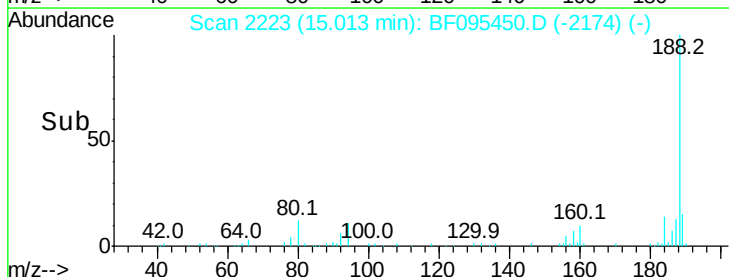
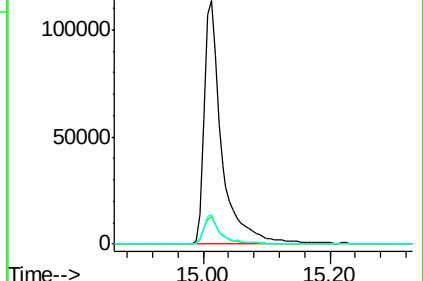
80 12.2 10.2 15.2

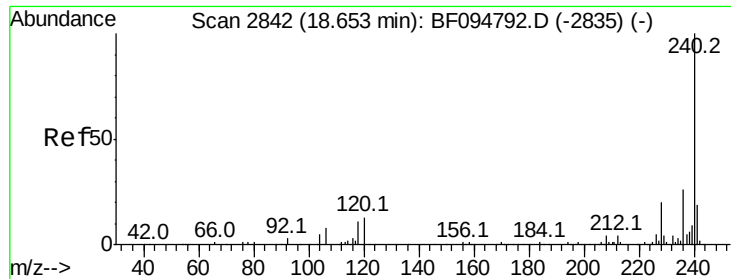


Abundance Ion 188.00 (187.70 to 188.70): E

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# 2847

Delta R.T. -0.01 min

Lab File: BF095450.D

Acq: 26 May 2017 7:14

Instrument :

BNA_F

ClientSampleId :

SB-16-COMP

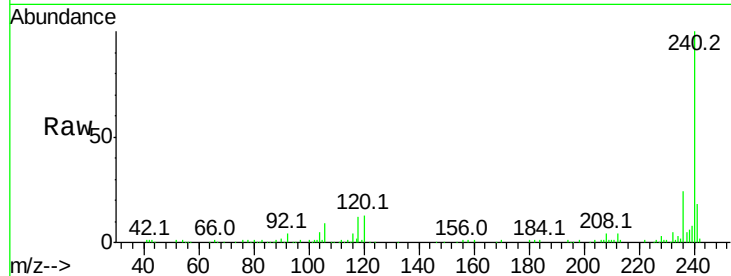
Tot Ion:240 Resp: 172081

Ion Ratio Lower Upper

240 100

120 13.3 5.8 8.8#

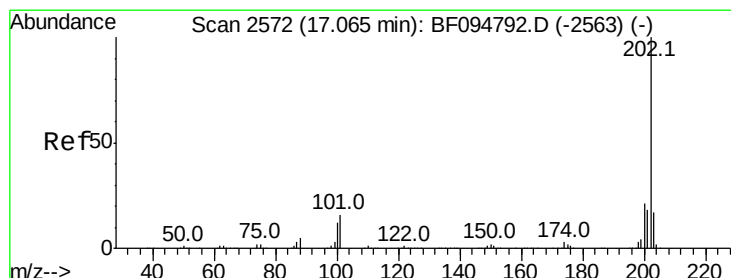
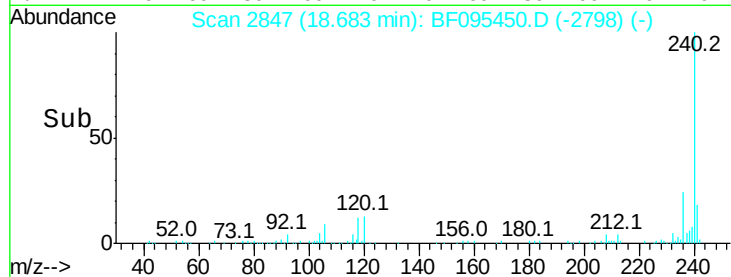
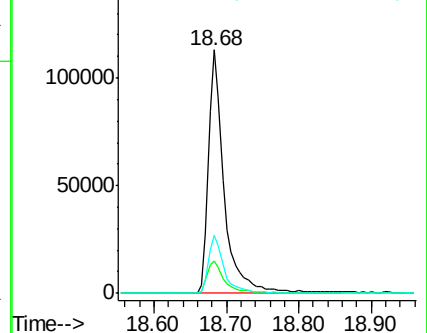
236 23.8 20.5 30.7



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



#77

Pyrene

Concen: 2.09 ng

RT: 17.10 min Scan# 2578

Delta R.T. -0.01 min

Lab File: BF095450.D

Acq: 26 May 2017 7:14

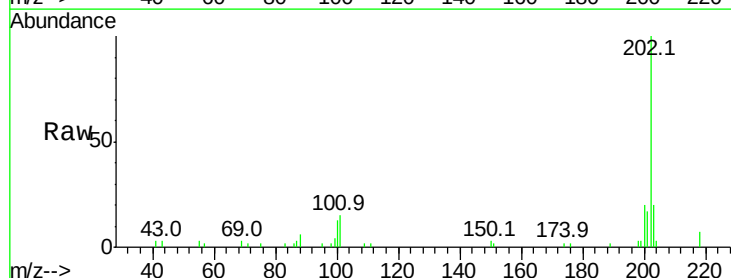
Tgt Ion:202 Resp: 26903

Ion Ratio Lower Upper

202 100

200 19.7 17.6 26.4

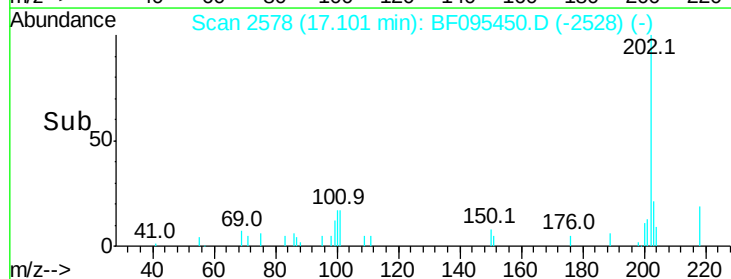
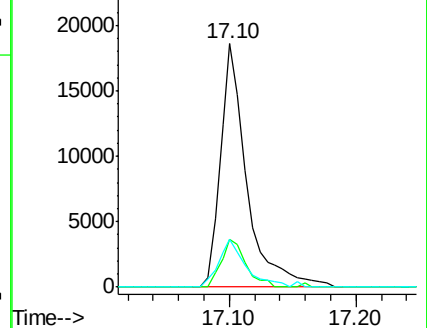
203 19.5 14.4 21.6

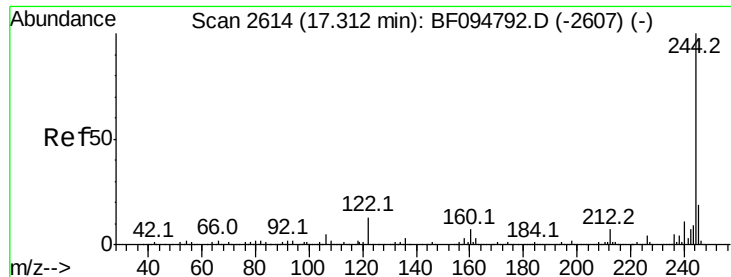


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 70.02 ng

RT: 17.32 min Scan# 2616

Delta R.T. -0.02 min

Lab File: BF095450.D

Acq: 26 May 2017 7:14

Instrument :

BNA_F

ClientSampleId :

SB-16-COMP

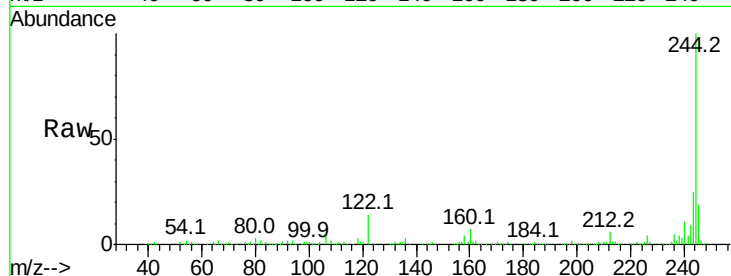
Tot Ion:244 Resp: 547024

Ion Ratio Lower Upper

244 100

212 6.5 6.0 9.0

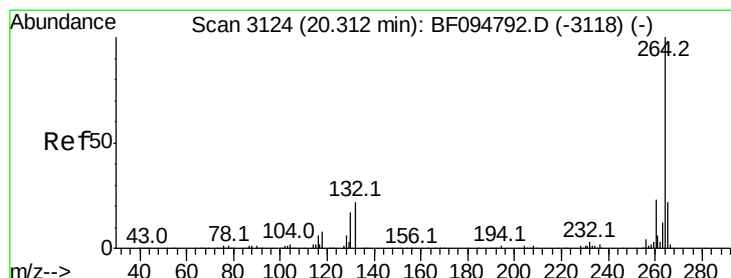
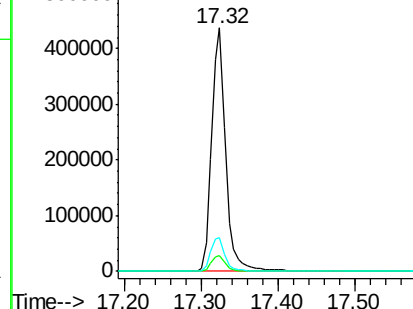
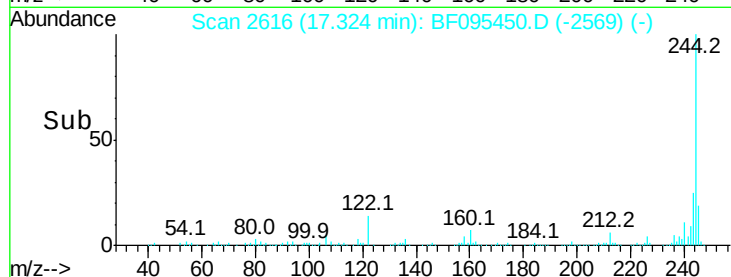
122 14.0 10.3 15.5



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: 20.00 ng

RT: 20.37 min Scan# 3133

Delta R.T. 0.00 min

Lab File: BF095450.D

Acq: 26 May 2017 7:14

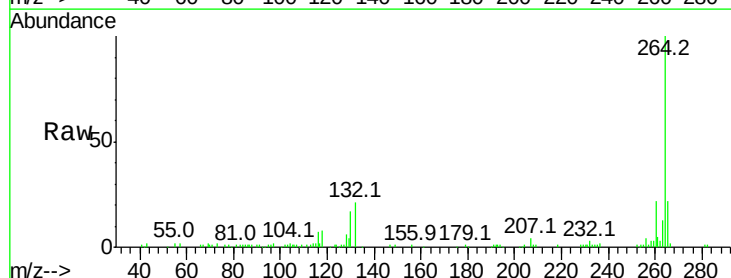
Tgt Ion:264 Resp: 119660

Ion Ratio Lower Upper

264 100

260 21.8 19.5 29.3

265 21.5 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

