

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092517\
 Data File : BF098810.D
 Acq On : 26 Sep 2017 4:45
 Operator : SJ/JU
 Sample : I5395-01
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-5-(0-5)

Quant Time: Sep 26 08:53:22 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 23 13:50:58 2017
 Response via : Initial Calibration

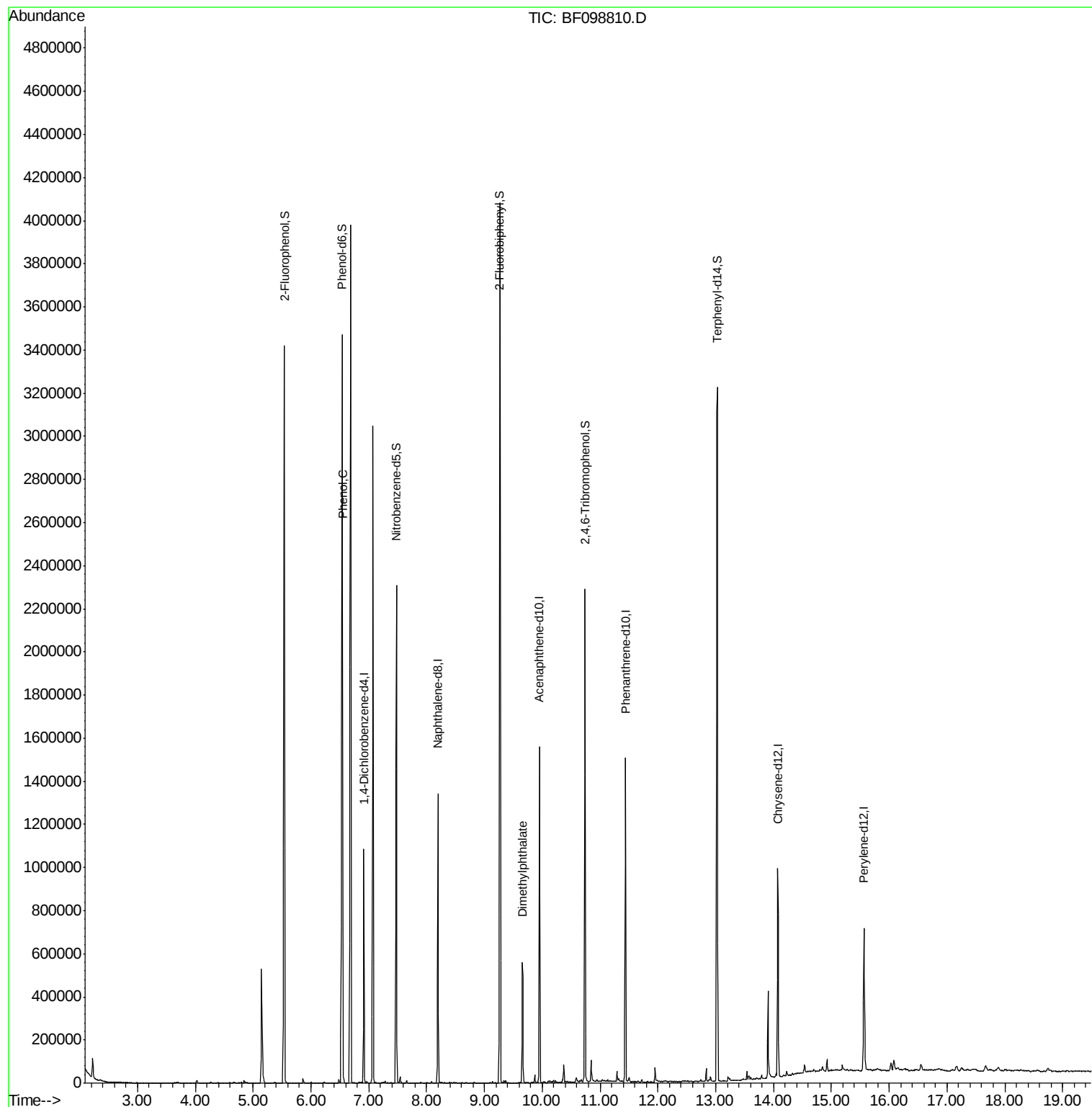
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	154272	20.00	ng	0.00
21) Naphthalene-d8	8.20	136	640119	20.00	ng	0.00
38) Acenaphthene-d10	9.95	164	283310	20.00	ng	-0.01
63) Phenanthrene-d10	11.44	188	471658	20.00	ng	0.00
75) Chrysene-d12	14.07	240	296792	20.00	ng	-0.01
86) Perylene-d12	15.57	264	278786	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	1171562	120.89	ng	0.00
7) Phenol-d6	6.54	99	1438587	120.33	ng	0.00
23) Nitrobenzene-d5	7.47	82	839903	84.15	ng	-0.01
41) 2,4,6-Tribromophenol	10.74	330	270133	116.52	ng	-0.01
44) 2-Fluorobiphenyl	9.27	172	1435786	84.60	ng	0.00
78) Terphenyl-d14	13.03	244	1097382	84.09	ng	0.00
Target Compounds						
10) Phenol	6.55	94	46281	3.461	ng	97
49) Dimethylphthalate	9.66	163	220061	10.292	ng	99

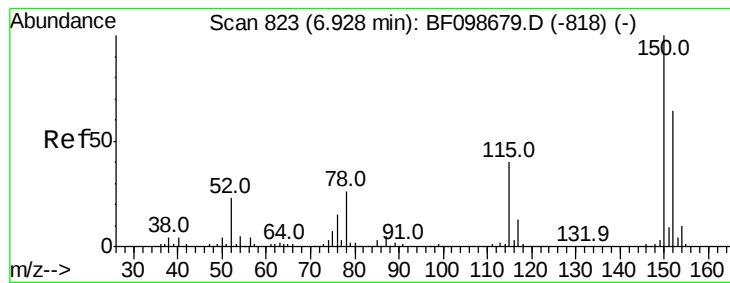
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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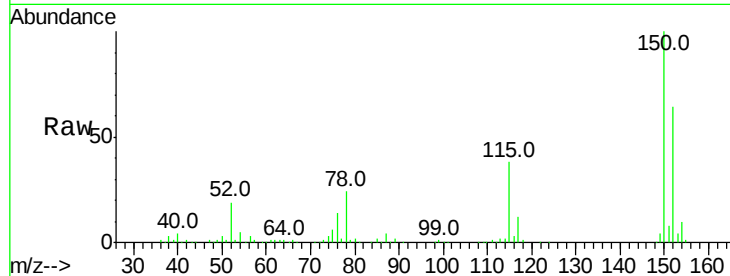


#1

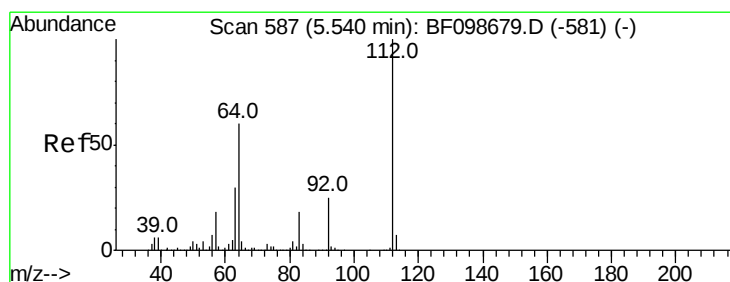
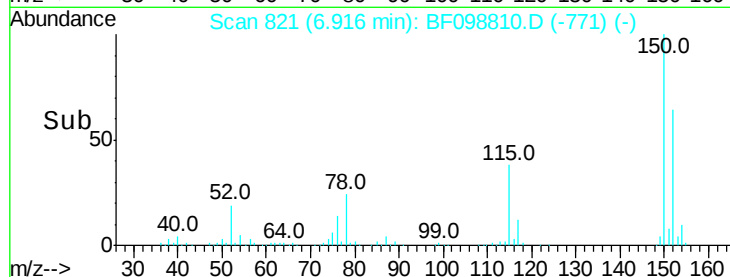
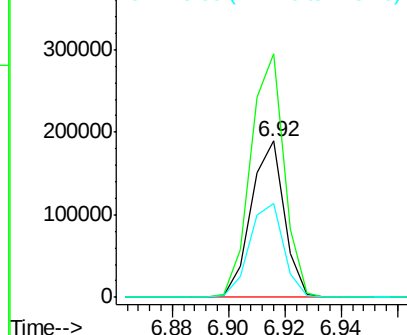
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.92 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF098810.D
Acq: 26 Sep 2017 4:45

Instrument :
BNA_F
ClientSampleId :
TP-5-(0-5)

Tot Ion:152 Resp: 154272
Ion Ratio Lower Upper
152 100
150 155.8 124.6 186.8
115 59.9 50.1 75.1



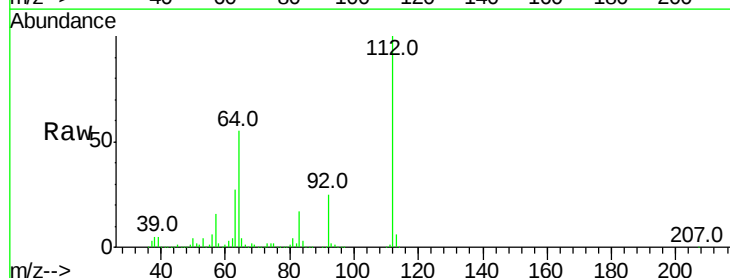
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



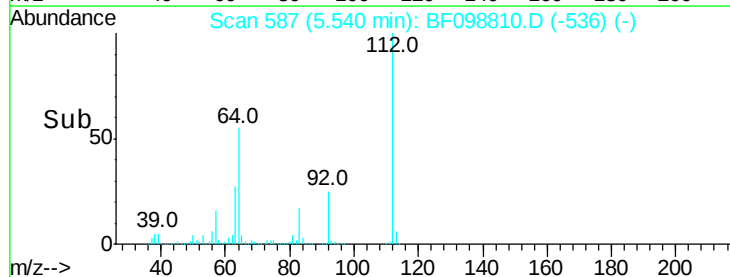
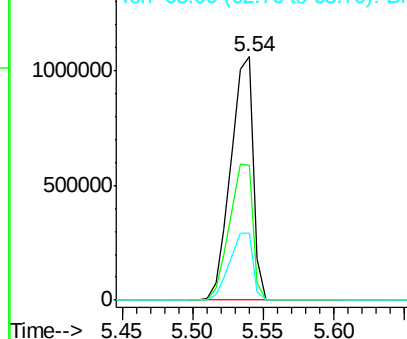
#5

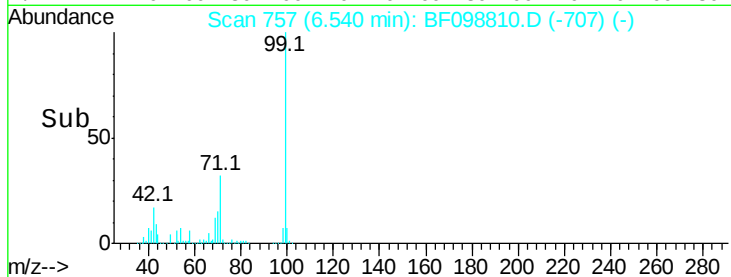
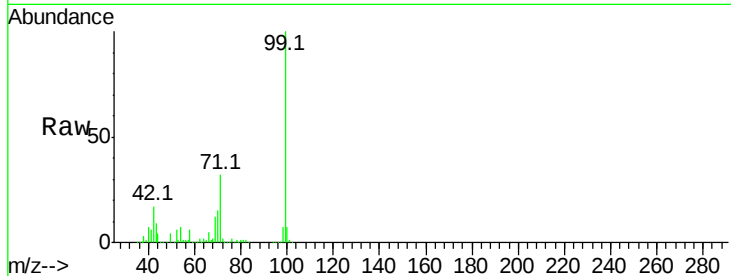
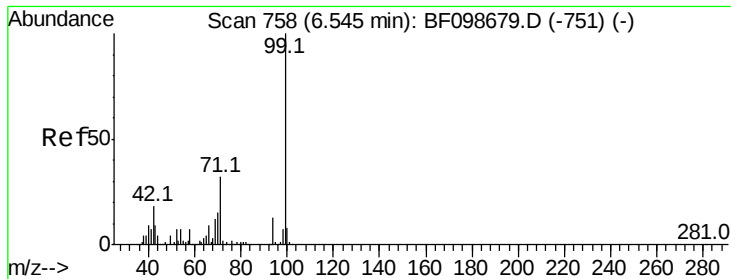
2-Fluorophenol
Concen: 120.891 ng
RT: 5.54 min Scan# 587
Delta R.T. -0.00 min
Lab File: BF098810.D
Acq: 26 Sep 2017 4:45

Tgt Ion:112 Resp: 1171562
Ion Ratio Lower Upper
112 100
64 55.1 47.9 71.9
63 27.4 23.7 35.5



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: 120.333 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF098810.D

Acq: 26 Sep 2017 4:45

Instrument :

BNA_F

ClientSampleId :

TP-5-(0-5)

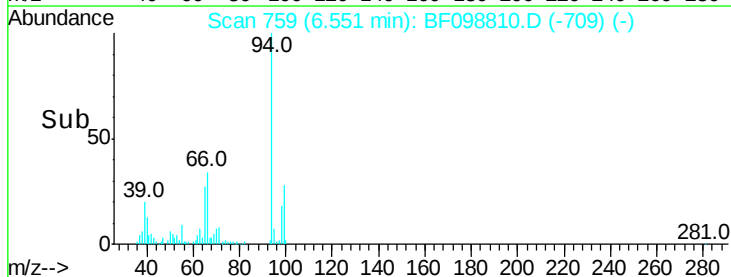
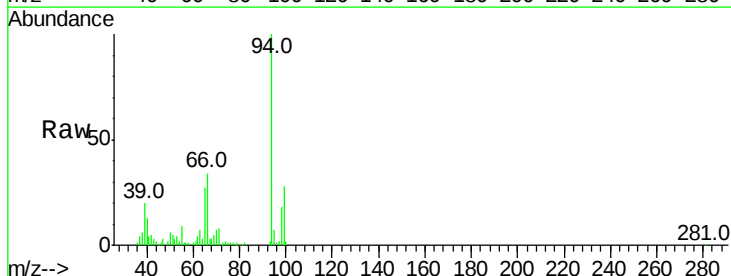
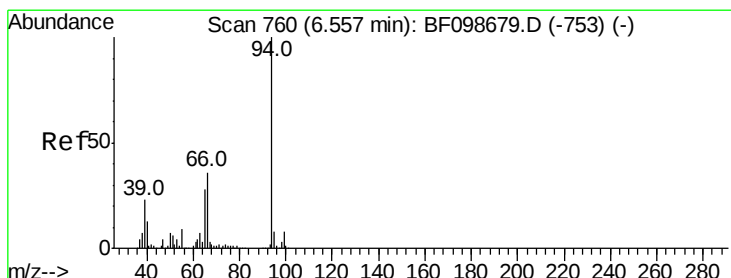
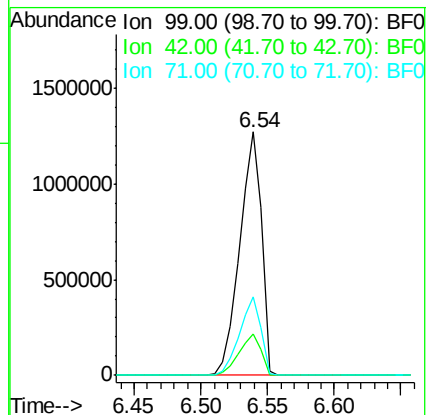
Tot Ion: 99 Resp: 1438587

Ion Ratio Lower Upper

99 100

42 16.9 14.5 21.7

71 32.3 25.4 38.0



#10

Phenol

Concen: 3.461 ng

RT: 6.55 min Scan# 759

Delta R.T. -0.01 min

Lab File: BF098810.D

Acq: 26 Sep 2017 4:45

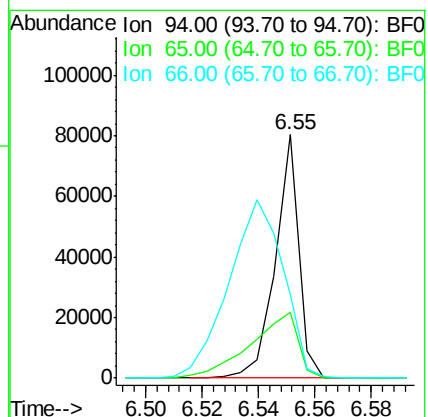
Tgt Ion: 94 Resp: 46281

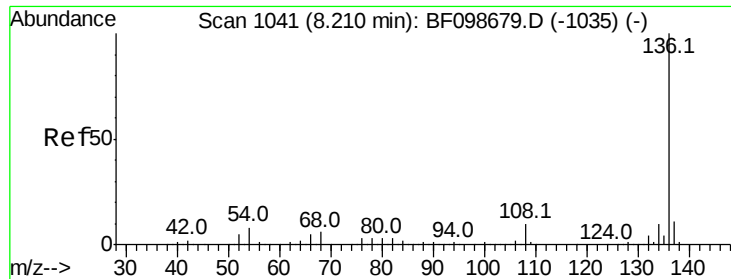
Ion Ratio Lower Upper

94 100

65 27.0 7.9 47.9

66 34.2 16.2 56.2

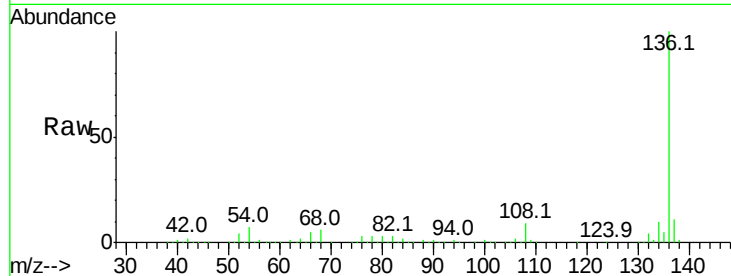




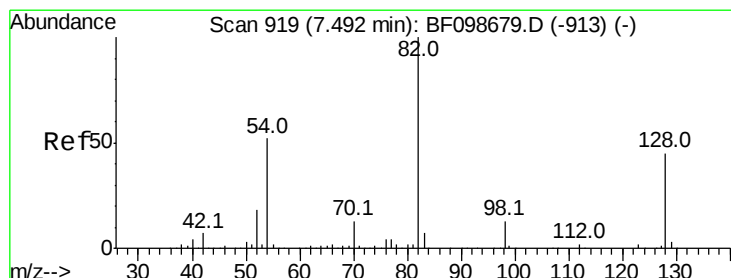
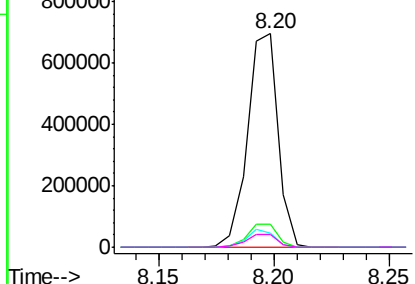
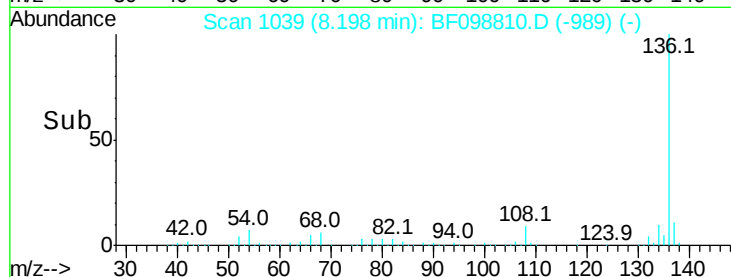
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF098810.D
Acq: 26 Sep 2017 4:45

Instrument :
BNA_F
ClientSampleId :
TP-5-(0-5)

Tot Ion:	136	Resp:	640119
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	6.8	6.6	9.8
68	5.8	5.0	7.4

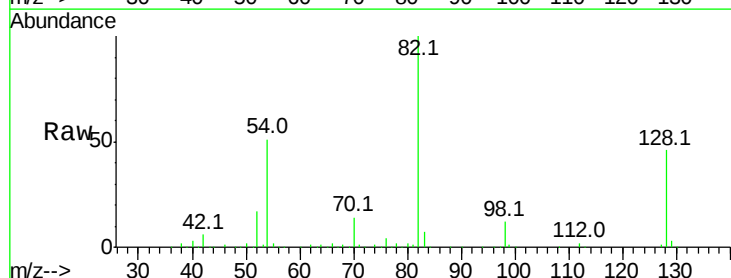


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

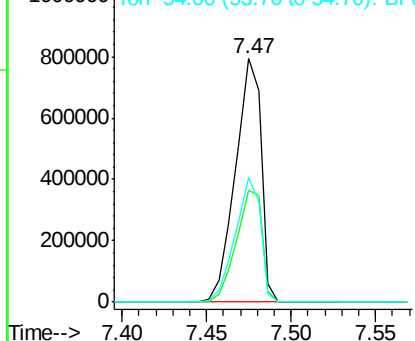
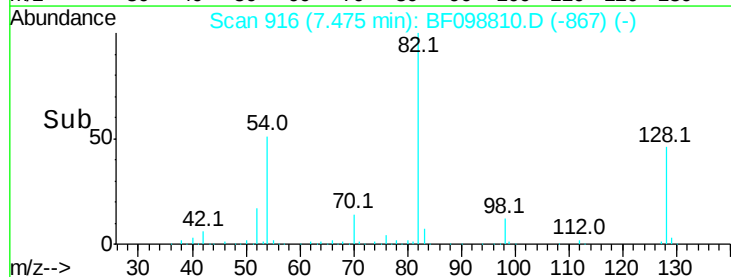


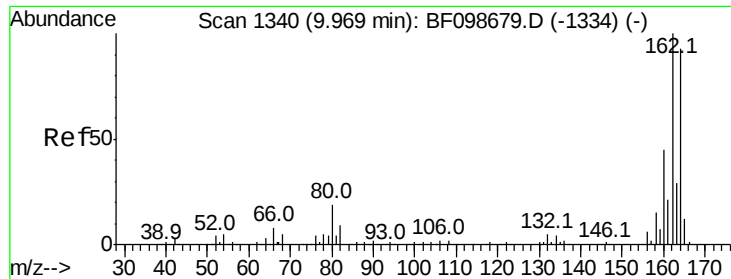
#23
Nitrobenzene-d5
Concen: 84.145 ng
RT: 7.47 min Scan# 916
Delta R.T. -0.01 min
Lab File: BF098810.D
Acq: 26 Sep 2017 4:45

Tgt Ion:	82	Resp:	839903
Ion	Ratio	Lower	Upper
82	100		
128	46.1	36.1	54.1
54	51.4	41.4	62.2



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

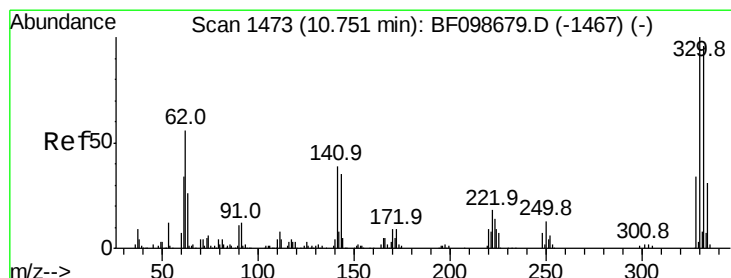
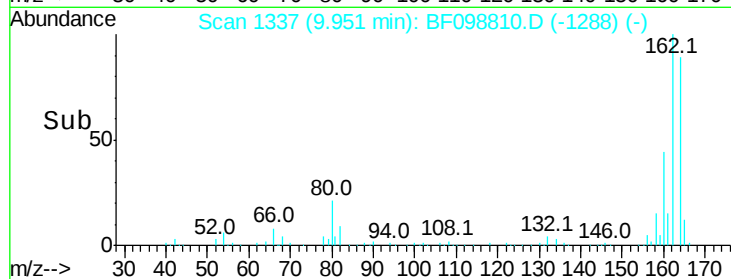
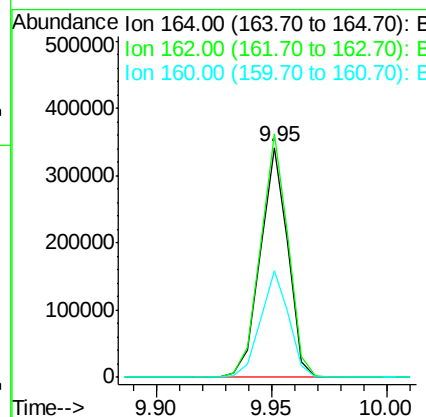
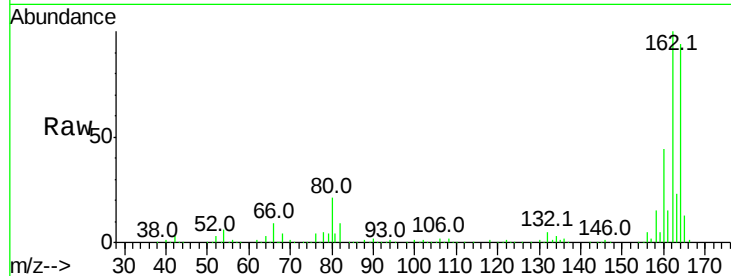




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.95 min Scan# 1337
 Delta R.T. -0.01 min
 Lab File: BF098810.D
 Acq: 26 Sep 2017 4:45

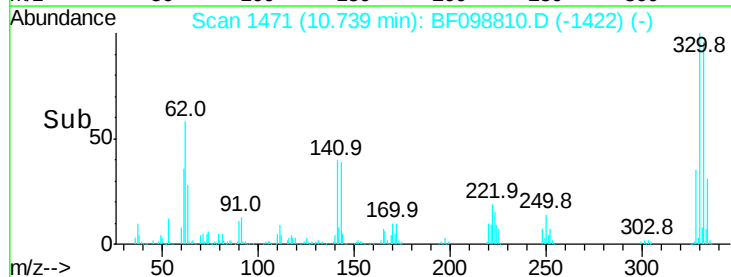
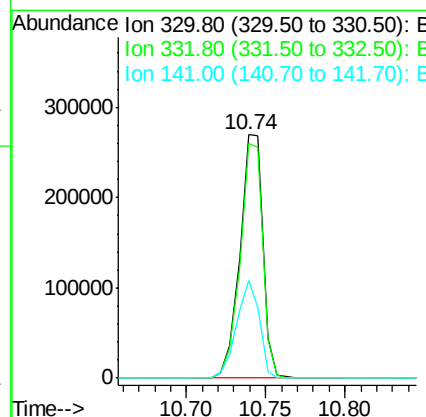
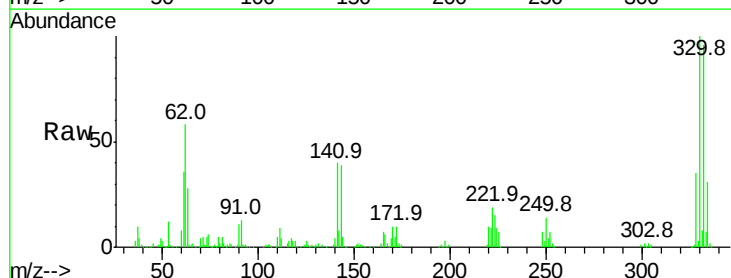
Instrument :
 BNA_F
 ClientSampleId :
 TP-5-(0-5)

Tot Ion	Ratio	Lower	Upper
164	100		
162	106.0	86.1	129.1
160	46.4	38.3	57.5



#41
 2,4,6-Tribromophenol
 Concen: 116.525 ng
 RT: 10.74 min Scan# 1471
 Delta R.T. -0.01 min
 Lab File: BF098810.D
 Acq: 26 Sep 2017 4:45

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.2	77.0	115.6
141	40.0	29.9	44.9





#44

2-Fluorobiphenyl

Concen: 84.604 ng

RT: 9.27 min Scan# 1222

Delta R.T. -0.01 min

Lab File: BF098810.D

Acq: 26 Sep 2017 4:45

Instrument :

BNA_F

ClientSampleId :

TP-5-(0-5)

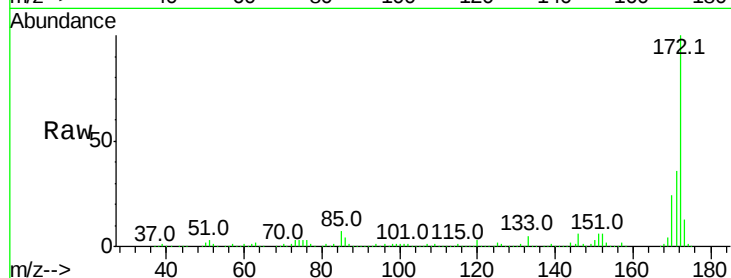
Tot Ion:172 Resp: 1435786

Ion Ratio Lower Upper

172 100

171 36.3 29.7 44.5

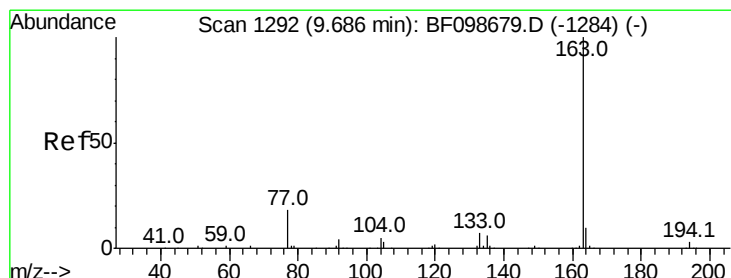
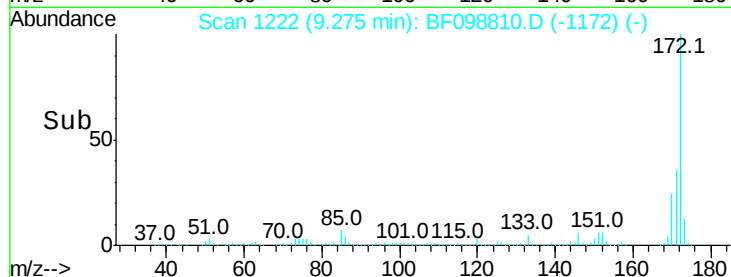
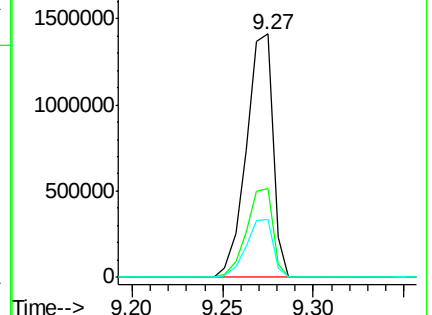
170 24.0 19.6 29.4



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: 10.292 ng

RT: 9.66 min Scan# 1287

Delta R.T. -0.02 min

Lab File: BF098810.D

Acq: 26 Sep 2017 4:45

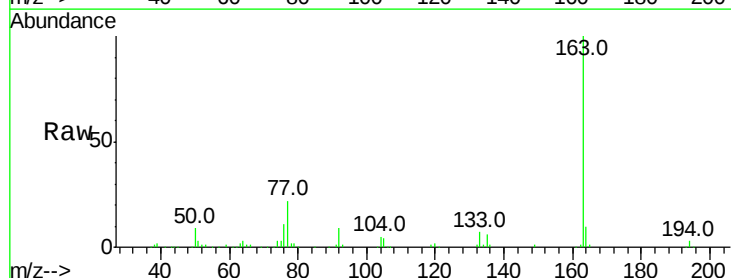
Tgt Ion:163 Resp: 220061

Ion Ratio Lower Upper

163 100

194 3.1 2.7 4.1

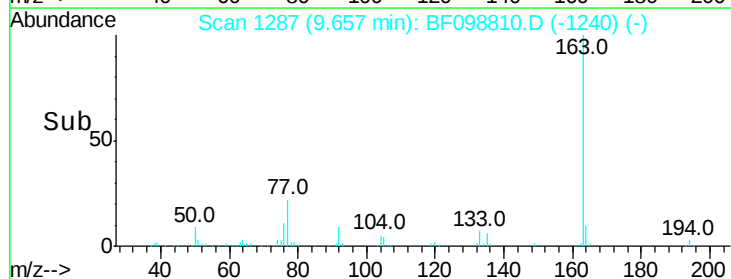
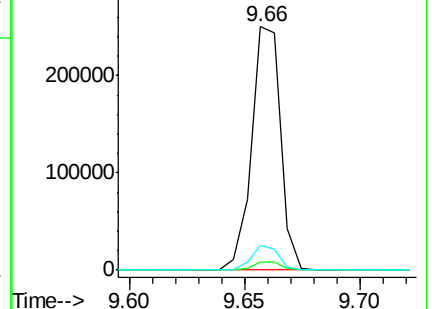
164 10.4 8.2 12.2

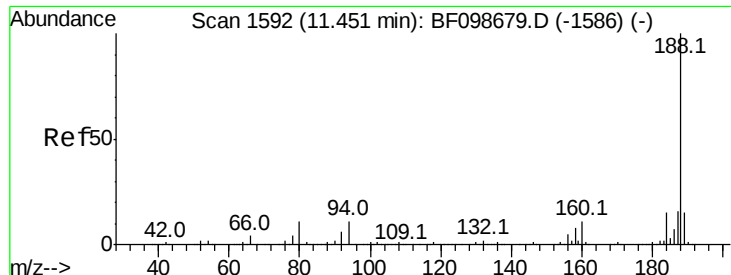


Abundance Ion 163.00 (162.70 to 163.70): E

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: 11.44 min Scan# 1590

Delta R.T. -0.01 min

Lab File: BF098810.D

Acq: 26 Sep 2017 4:45

Instrument :

BNA_F

ClientSampleId :

TP-5-(0-5)

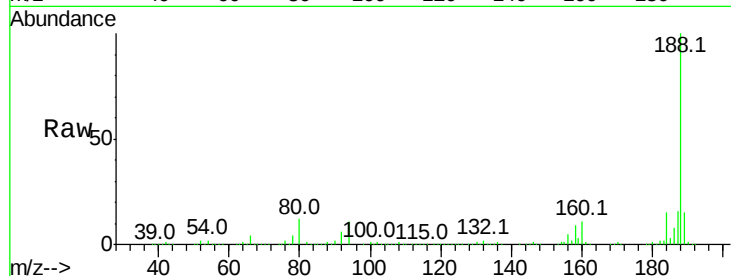
Tot Ion:188 Resp: 471658

Ion Ratio Lower Upper

188 100

94 10.7 8.5 12.7

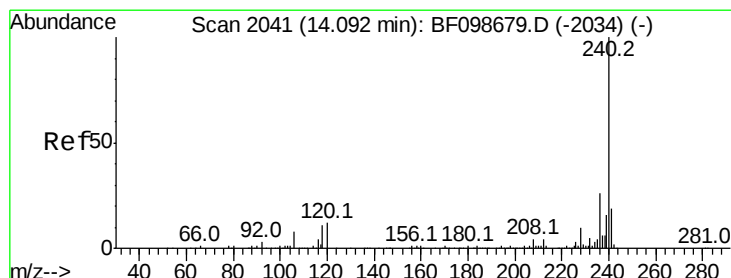
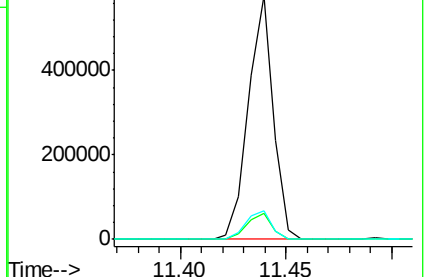
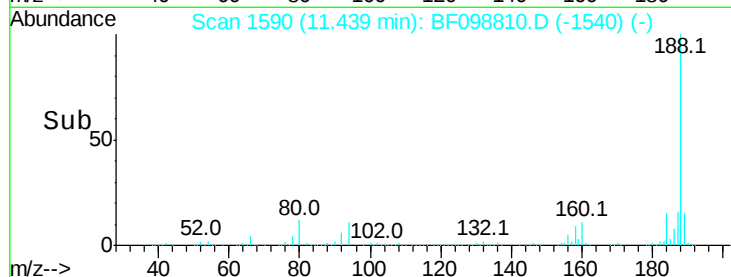
80 11.7 9.2 13.8



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: 14.07 min Scan# 2038

Delta R.T. -0.01 min

Lab File: BF098810.D

Acq: 26 Sep 2017 4:45

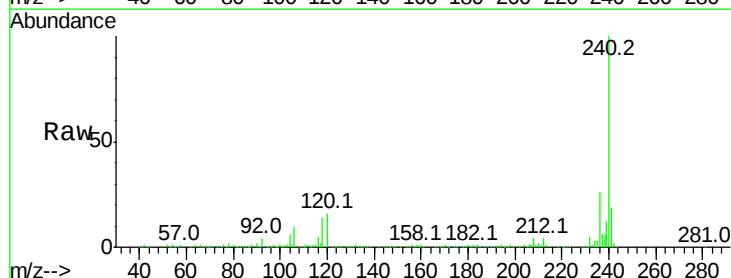
Tgt Ion:240 Resp: 296792

Ion Ratio Lower Upper

240 100

120 15.9 9.5 14.3#

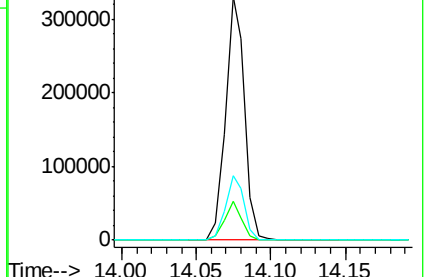
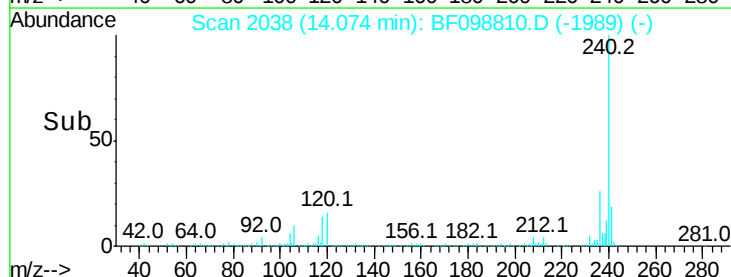
236 26.3 20.7 31.1

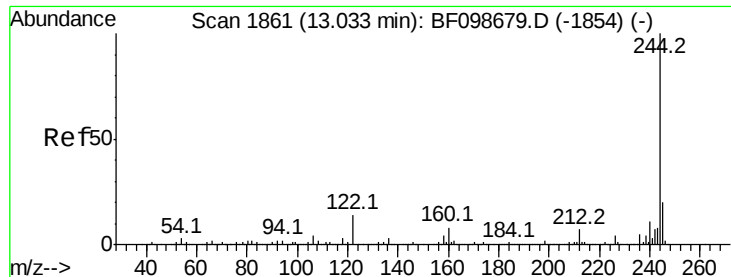


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 84.088 ng

RT: 13.03 min Scan# 1860

Delta R.T. -0.01 min

Lab File: BF098810.D

Acq: 26 Sep 2017 4:45

Instrument :

BNA_F

ClientSampled :

TP-5-(0-5)

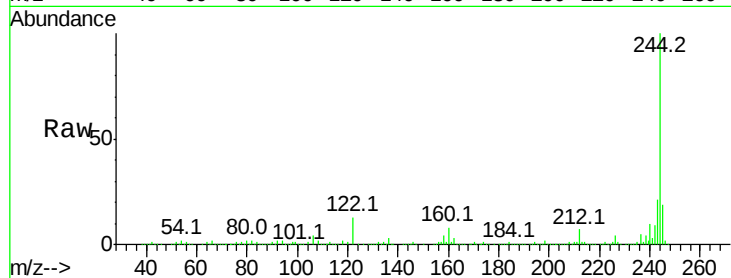
Tot Ion:244 Resp: 1097382

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

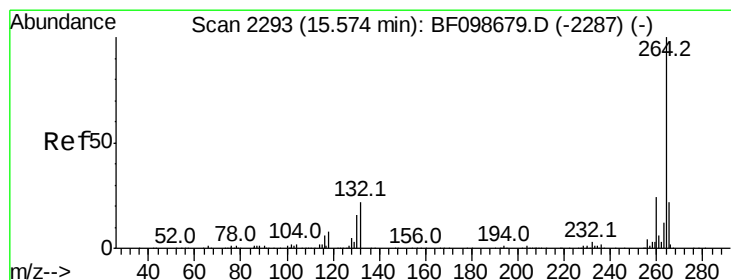
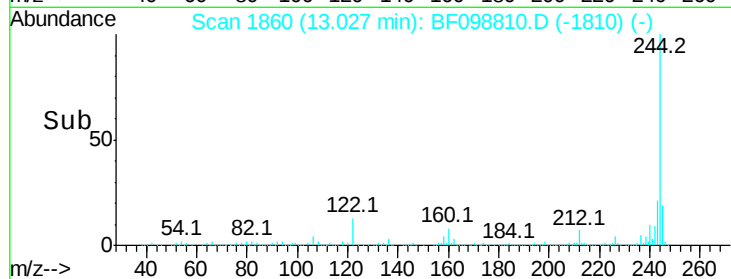
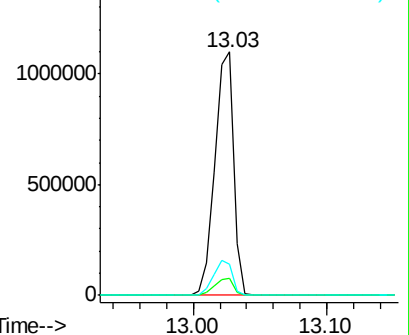
122 12.7 11.0 16.4



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: 20.000 ng

RT: 15.57 min Scan# 2292

Delta R.T. -0.01 min

Lab File: BF098810.D

Acq: 26 Sep 2017 4:45

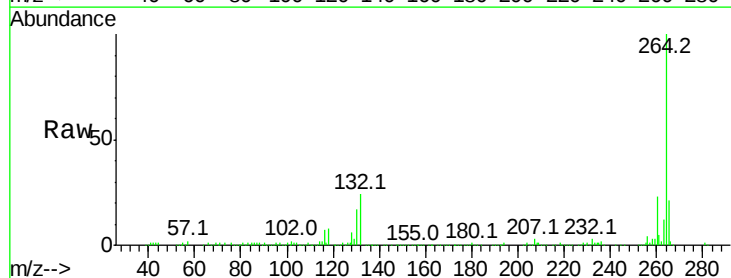
Tgt Ion:264 Resp: 278786

Ion Ratio Lower Upper

264 100

260 23.3 19.2 28.8

265 20.7 17.5 26.3



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

