

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020520\
 Data File : BF118823.D
 Acq On : 5 Feb 2020 11:50
 Operator : CG/JU
 Sample : PB126588BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB126588BL

Quant Time: Feb 06 00:31:52 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF020320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 03 16:26:03 2020
 Response via : Initial Calibration

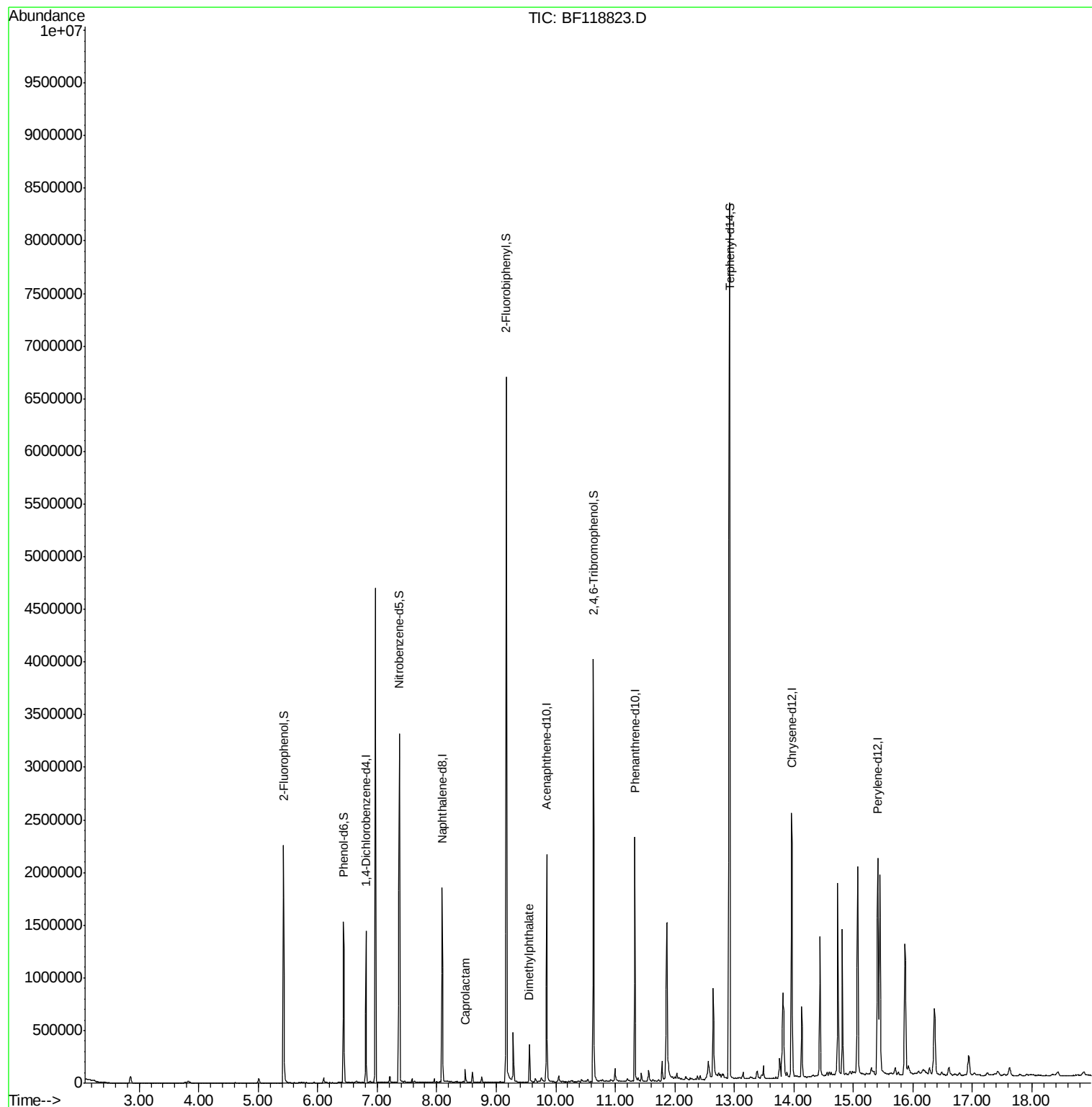
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	209478	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	801311	20.00	ng	-0.01
39) Acenaphthene-d10	9.85	164	461778	20.00	ng	-0.01
64) Phenanthrene-d10	11.33	188	908646	20.00	ng	-0.01
76) Chrysene-d12	13.96	240	882442	20.00	ng	-0.02
87) Perylene-d12	15.41	264	986218	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	659234	59.57	ng	0.00
7) Phenol-d6	6.43	99	504110	36.70	ng	-0.02
23) Nitrobenzene-d5	7.37	82	1194381	88.84	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	550125	99.56	ng	-0.01
45) 2-Fluorobiphenyl	9.17	172	2388223	92.46	ng	-0.01
79) Terphenyl-d14	12.92	244	3452450	80.36	ng	0.00
Target Compounds						
35) Caprolactam	8.48	113	15923	4.219	ng	92
50) Dimethylphthalate	9.56	163	157619	5.013	ng	99

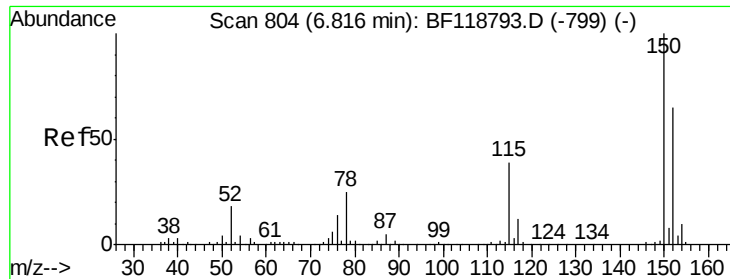
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Feb 03 16:26:03 2020
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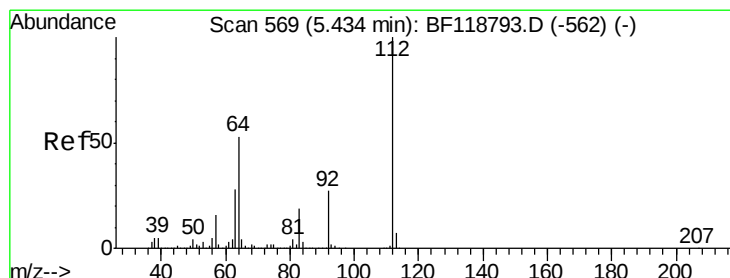
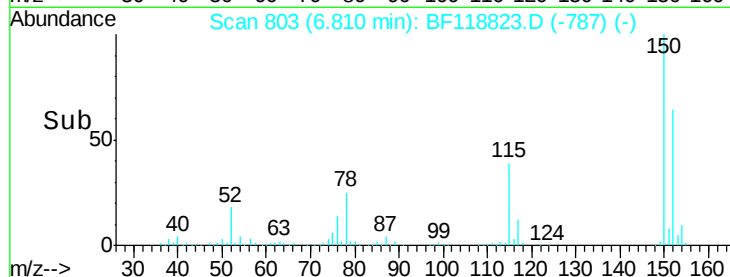
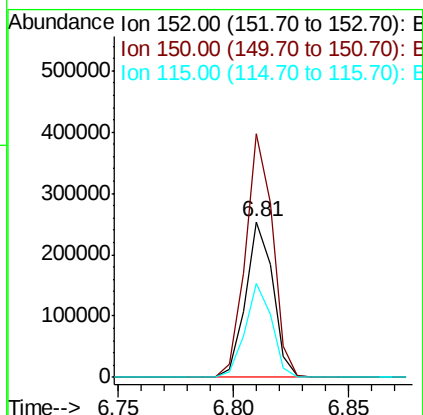
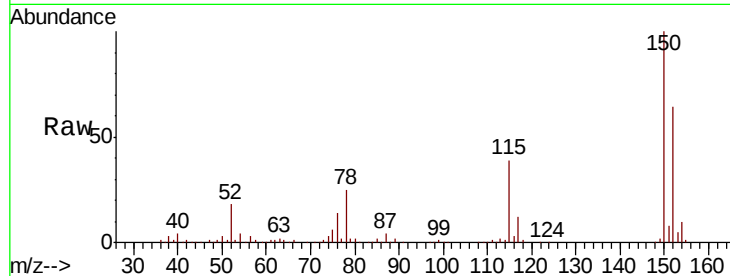


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF118823.D
Acq: 5 Feb 2020 11:50

Instrument :
BNA_F
ClientSampleId :
PB126588BL

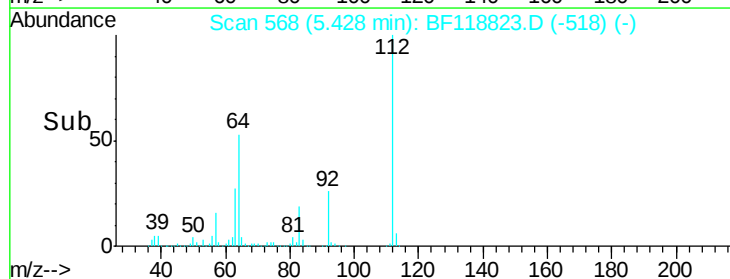
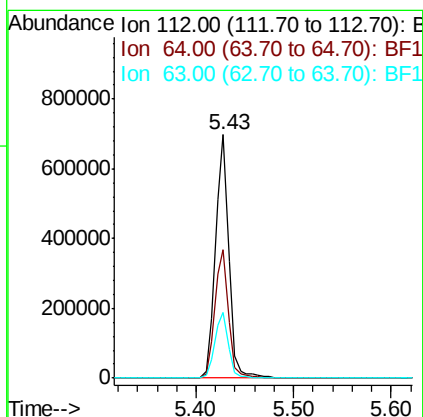
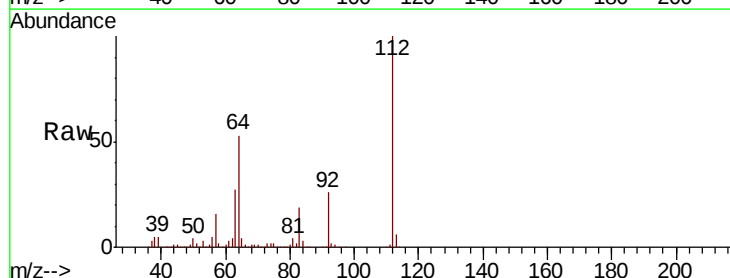
Tot Ion:152 Resp: 209478
Ion Ratio Lower Upper
152 100
150 156.7 123.6 185.4
115 60.6 48.2 72.2

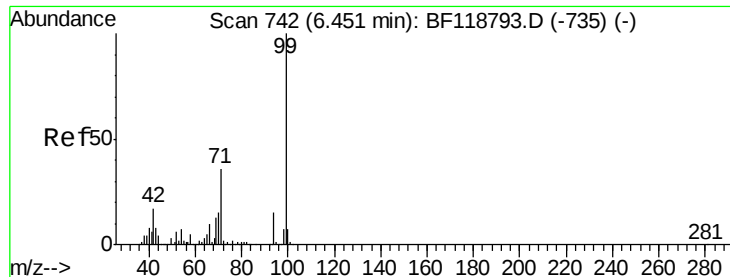


#5

2-Fluorophenol
Concen: 59.571 ng
RT: 5.43 min Scan# 568
Delta R.T. -0.01 min
Lab File: BF118823.D
Acq: 5 Feb 2020 11:50

Tgt Ion:112 Resp: 659234
Ion Ratio Lower Upper
112 100
64 52.9 42.6 63.8
63 27.0 22.2 33.4





#7

Phenol-d6

Concen: 36.697 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.02 min

Lab File: BF118823.D

Acq: 5 Feb 2020 11:50

Instrument :

BNA_F

ClientSampleId :

PB126588BL

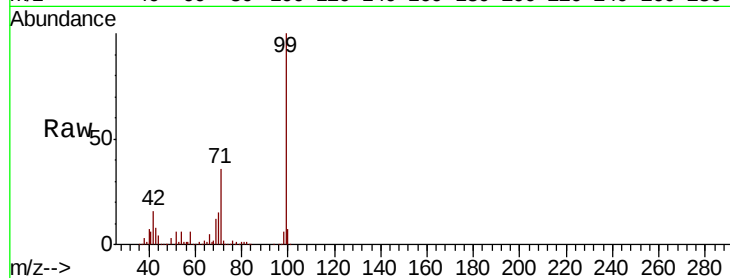
Tot Ion: 99 Resp: 504110

Ion Ratio Lower Upper

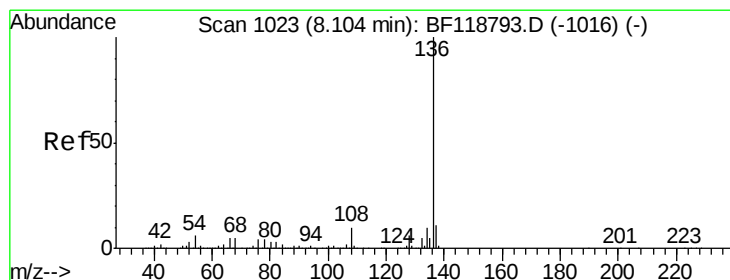
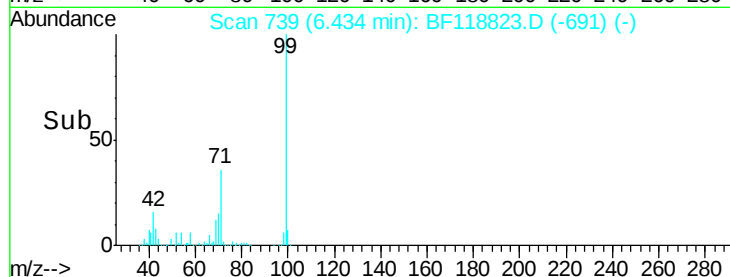
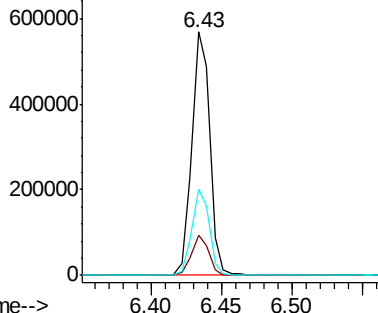
99 100

42 16.3 13.4 20.0

71 35.6 29.0 43.6



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BF118823.D

Acq: 5 Feb 2020 11:50

Tgt Ion: 136 Resp: 801311

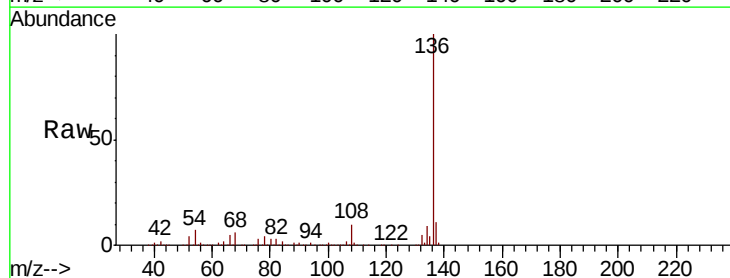
Ion Ratio Lower Upper

136 100

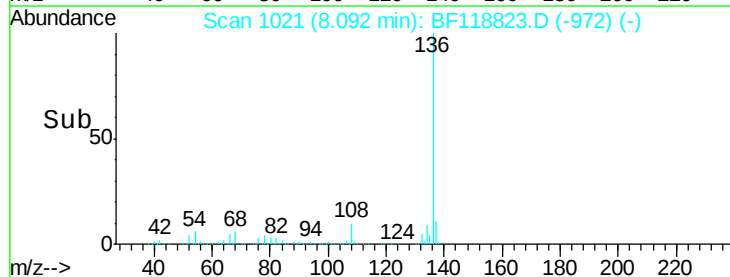
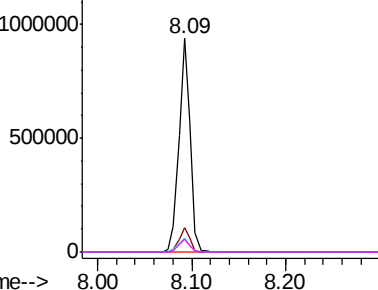
137 11.2 8.7 13.1

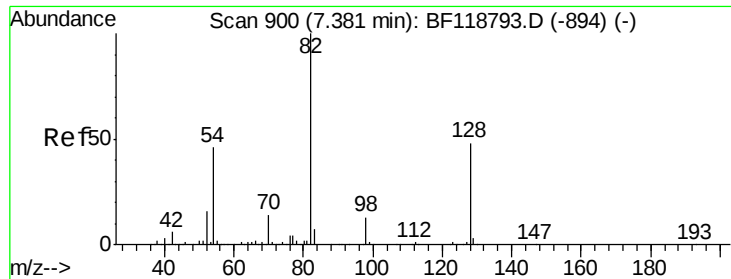
54 6.5 5.0 7.6

68 5.8 4.2 6.4



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): BF1
Ion 68.00 (67.70 to 68.70): BF1

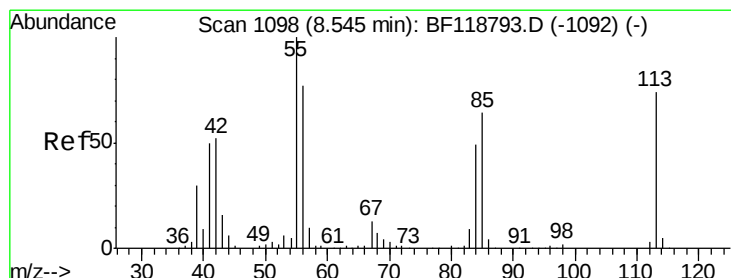
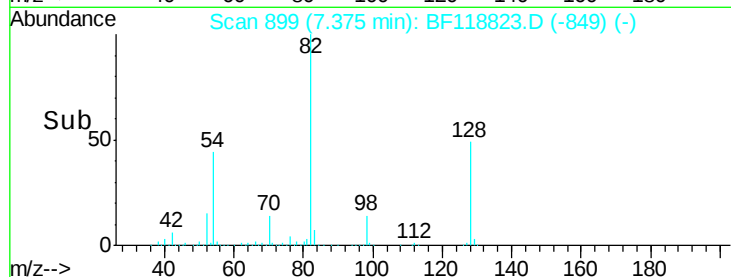
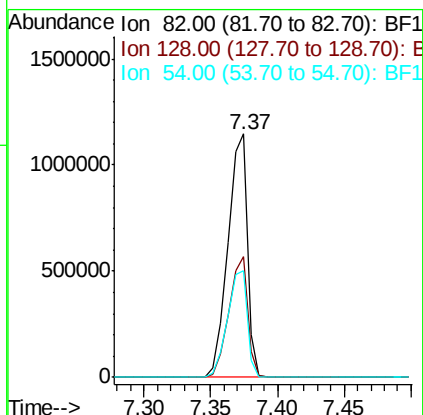
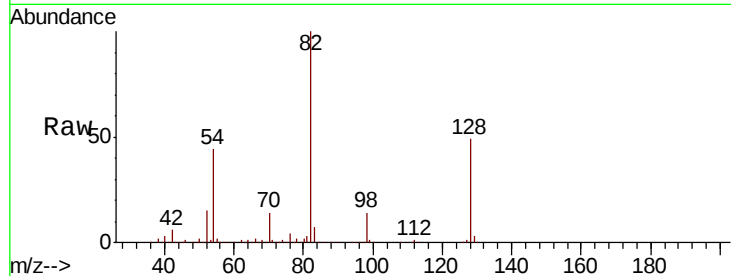




#23
Nitrobenzene-d5
Concen: 88.843 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF118823.D
Acq: 5 Feb 2020 11:50

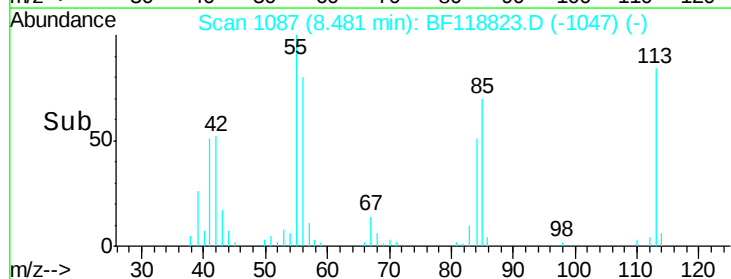
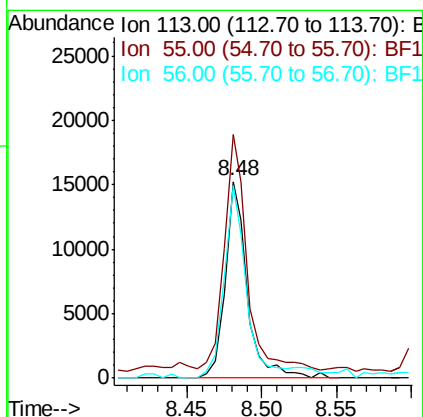
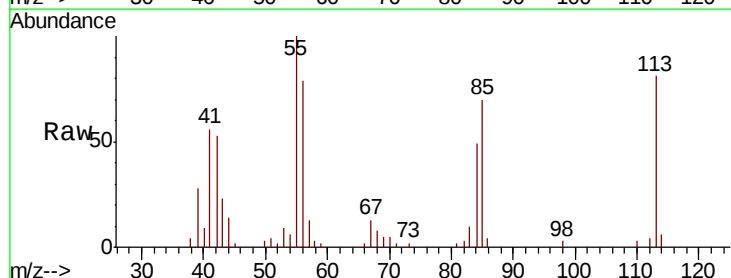
Instrument :
BNA_F
ClientSampleId :
PB126588BL

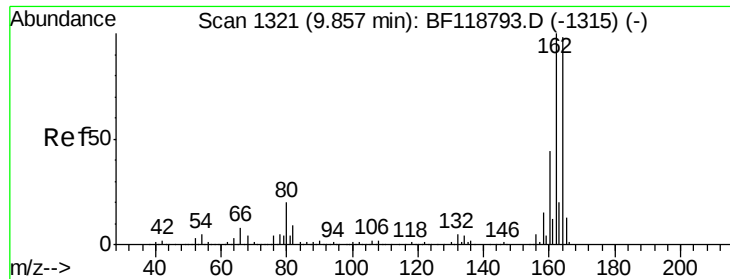
Tot Ion: 82 Resp: 1194381
Ion Ratio Lower Upper
82 100
128 49.4 38.5 57.7
54 44.0 36.7 55.1



#35
Caprolactam
Concen: 4.219 ng
RT: 8.48 min Scan# 1087
Delta R.T. -0.06 min
Lab File: BF118823.D
Acq: 5 Feb 2020 11:50

Tgt Ion: 113 Resp: 15923
Ion Ratio Lower Upper
113 100
55 123.7 115.5 155.5
56 97.5 83.7 123.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.85 min Scan# 1319

Delta R.T. -0.01 min

Lab File: BF118823.D

Acq: 5 Feb 2020 11:50

Instrument :

BNA_F

ClientSampleId :

PB126588BL

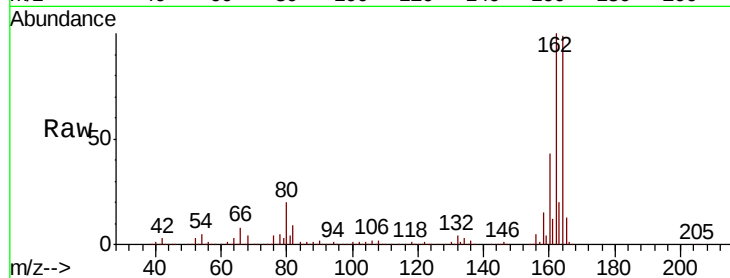
Tot Ion:164 Resp: 461778

Ion Ratio Lower Upper

164 100

162 101.3 81.4 122.2

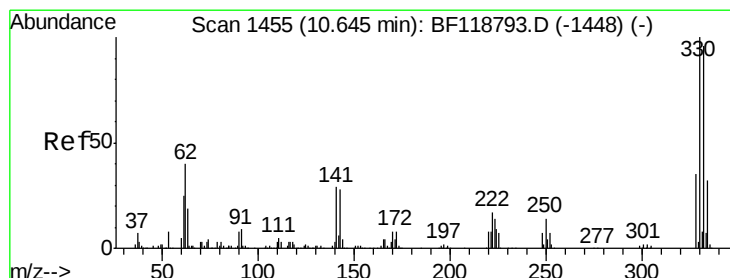
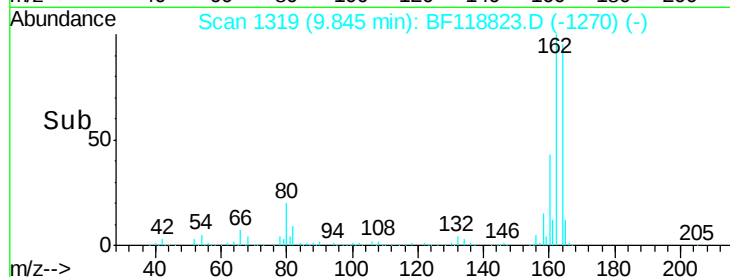
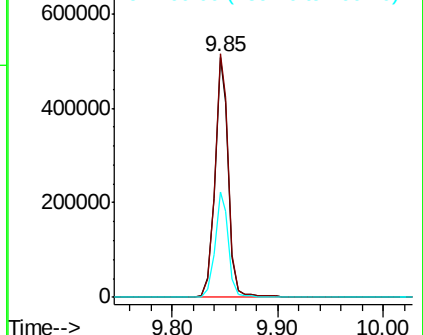
160 43.7 35.6 53.4



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



#42

2,4,6-Tribromophenol

Concen: 99.565 ng

RT: 10.63 min Scan# 1453

Delta R.T. -0.01 min

Lab File: BF118823.D

Acq: 5 Feb 2020 11:50

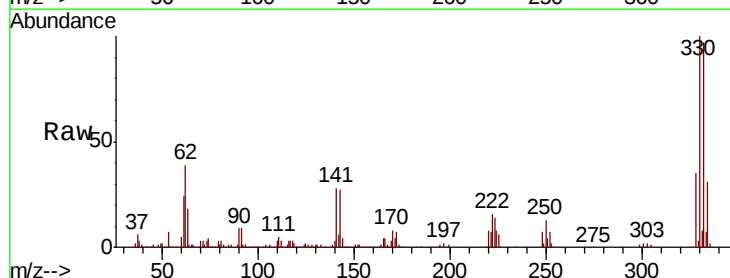
Tgt Ion:330 Resp: 550125

Ion Ratio Lower Upper

330 100

332 97.4 77.3 115.9

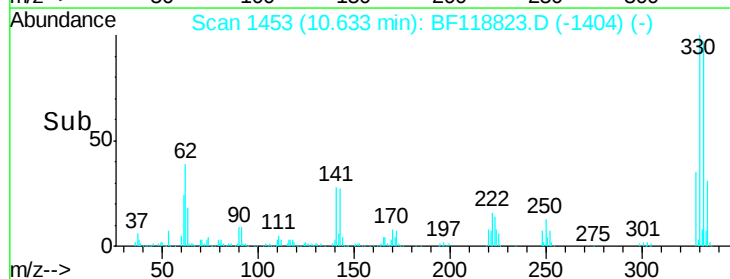
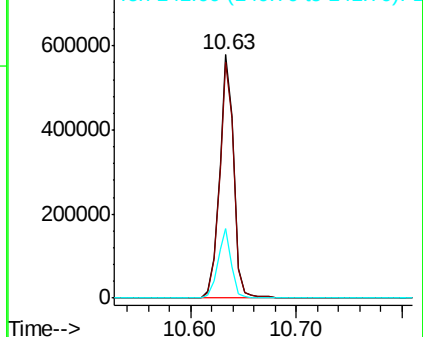
141 27.4 22.4 33.6

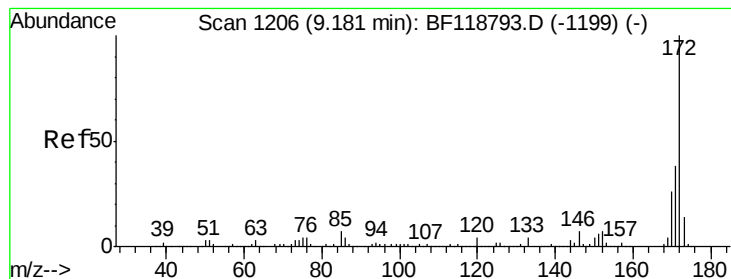


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#45

2-Fluorobiphenyl

Concen: 92.456 ng

RT: 9.17 min Scan# 1204

Delta R.T. -0.01 min

Lab File: BF118823.D

Acq: 5 Feb 2020 11:50

Instrument :

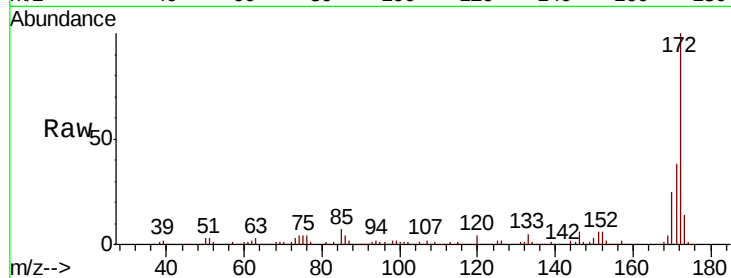
BNA_F

ClientSampleId :

PB126588BL

Tot Ion:172 Resp: 2388223

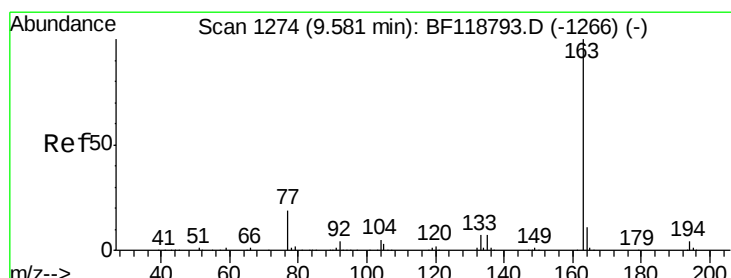
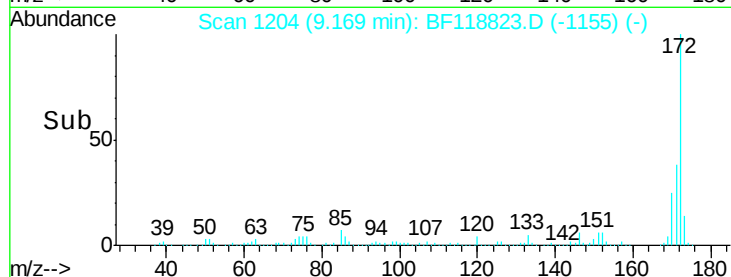
Ion	Ratio	Lower	Upper
172	100		
171	37.6	30.8	46.2
170	24.7	20.5	30.7



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



#50

Dimethylphthalate

Concen: 5.013 ng

RT: 9.56 min Scan# 1270

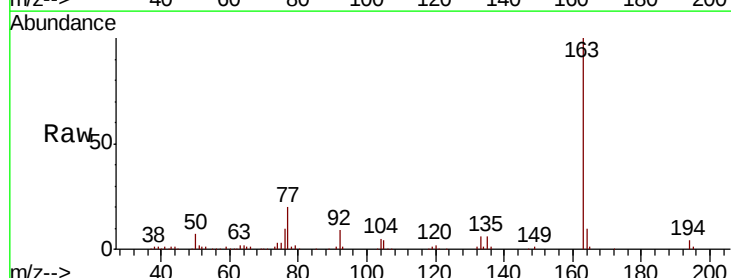
Delta R.T. -0.02 min

Lab File: BF118823.D

Acq: 5 Feb 2020 11:50

Tgt Ion:163 Resp: 157619

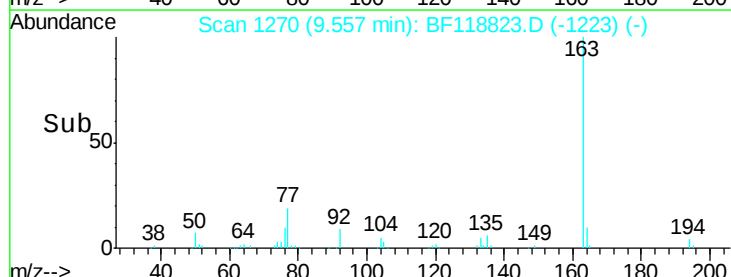
Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.6	5.4
164	10.5	8.7	13.1

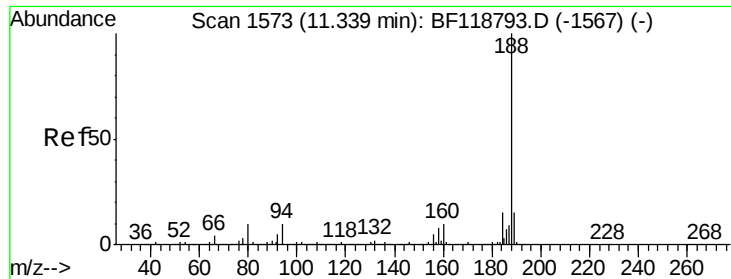


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

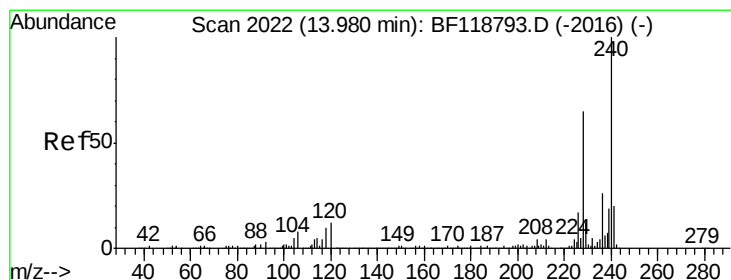
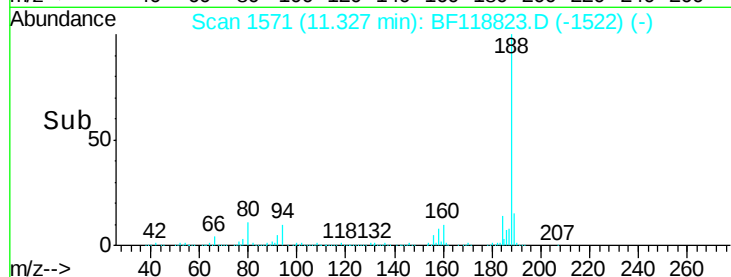
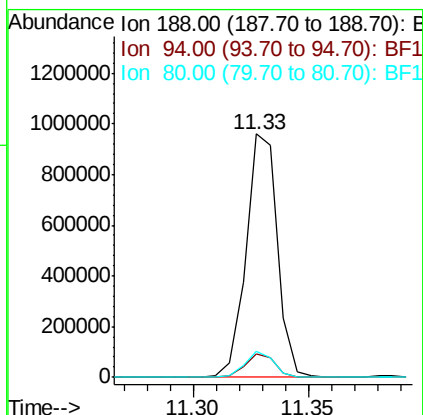
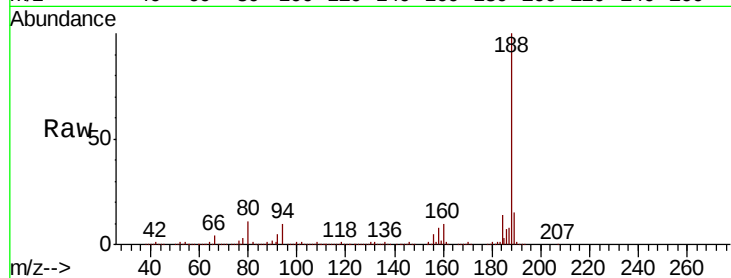




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.01 min
Lab File: BF118823.D
Acq: 5 Feb 2020 11:50

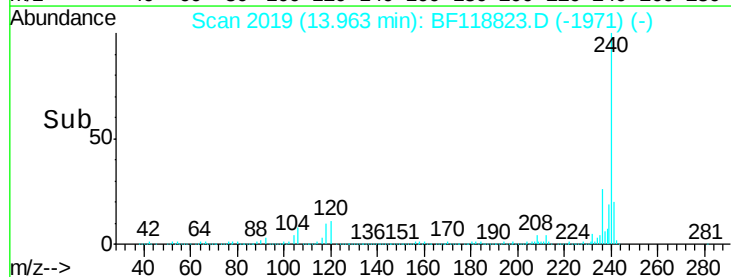
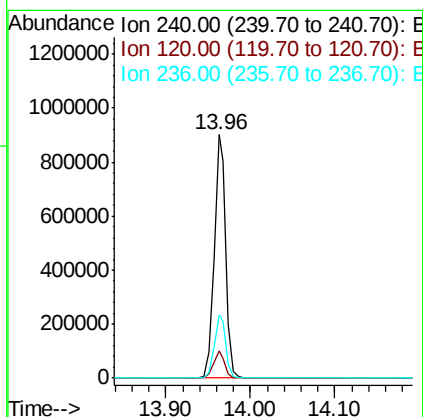
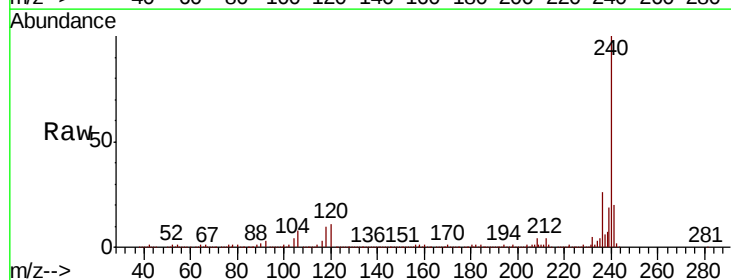
Instrument :
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ClientSampleId :
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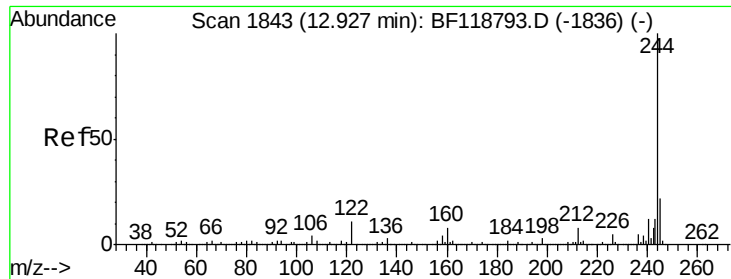
Tot Ion:188 Resp: 908646
Ion Ratio Lower Upper
188 100
94 9.6 7.9 11.9
80 10.5 8.4 12.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.02 min
Lab File: BF118823.D
Acq: 5 Feb 2020 11:50

Tgt Ion:240 Resp: 882442
Ion Ratio Lower Upper
240 100
120 11.2 9.4 14.0
236 25.8 21.0 31.6





#79

Terphenyl-d14

Concen: 80.362 ng

RT: 12.92 min Scan# 1842

Delta R.T. -0.01 min

Lab File: BF118823.D

Acq: 5 Feb 2020 11:50

Instrument :

BNA_F

ClientSampleId :

PB126588BL

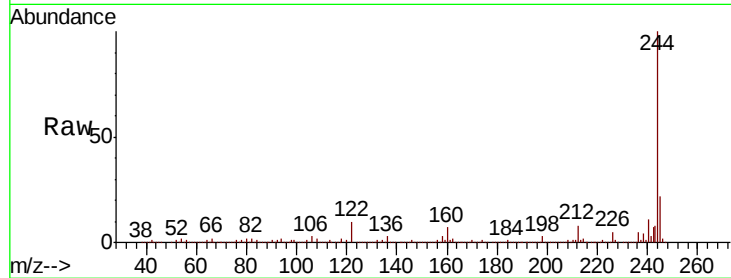
Tot Ion:244 Resp: 3452450

Ion Ratio Lower Upper

244 100

212 7.8 6.5 9.7

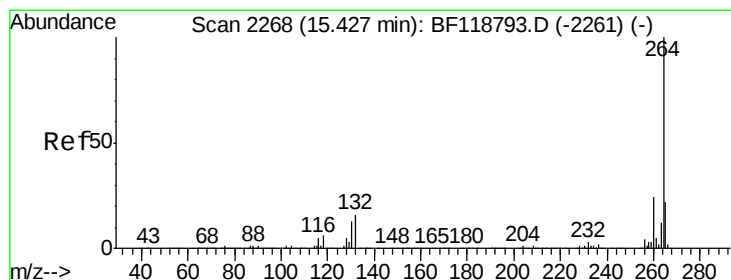
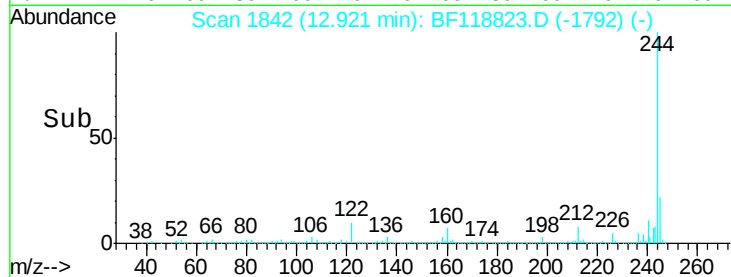
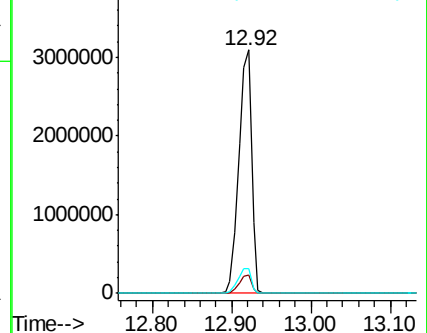
122 10.0 8.9 13.3



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.41 min Scan# 2265

Delta R.T. -0.02 min

Lab File: BF118823.D

Acq: 5 Feb 2020 11:50

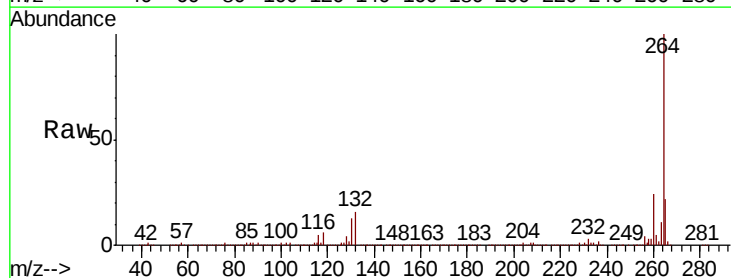
Tgt Ion:264 Resp: 986218

Ion Ratio Lower Upper

264 100

260 23.8 19.1 28.7

265 22.4 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

