

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032419\
 Data File : BF113267.D
 Acq On : 24 Mar 2019 14:52
 Operator : JU/SJ
 Sample : K2058-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S3B(17-25)COMP

Quant Time: Mar 25 04:48:48 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 13 03:42:55 2019
 Response via : Initial Calibration

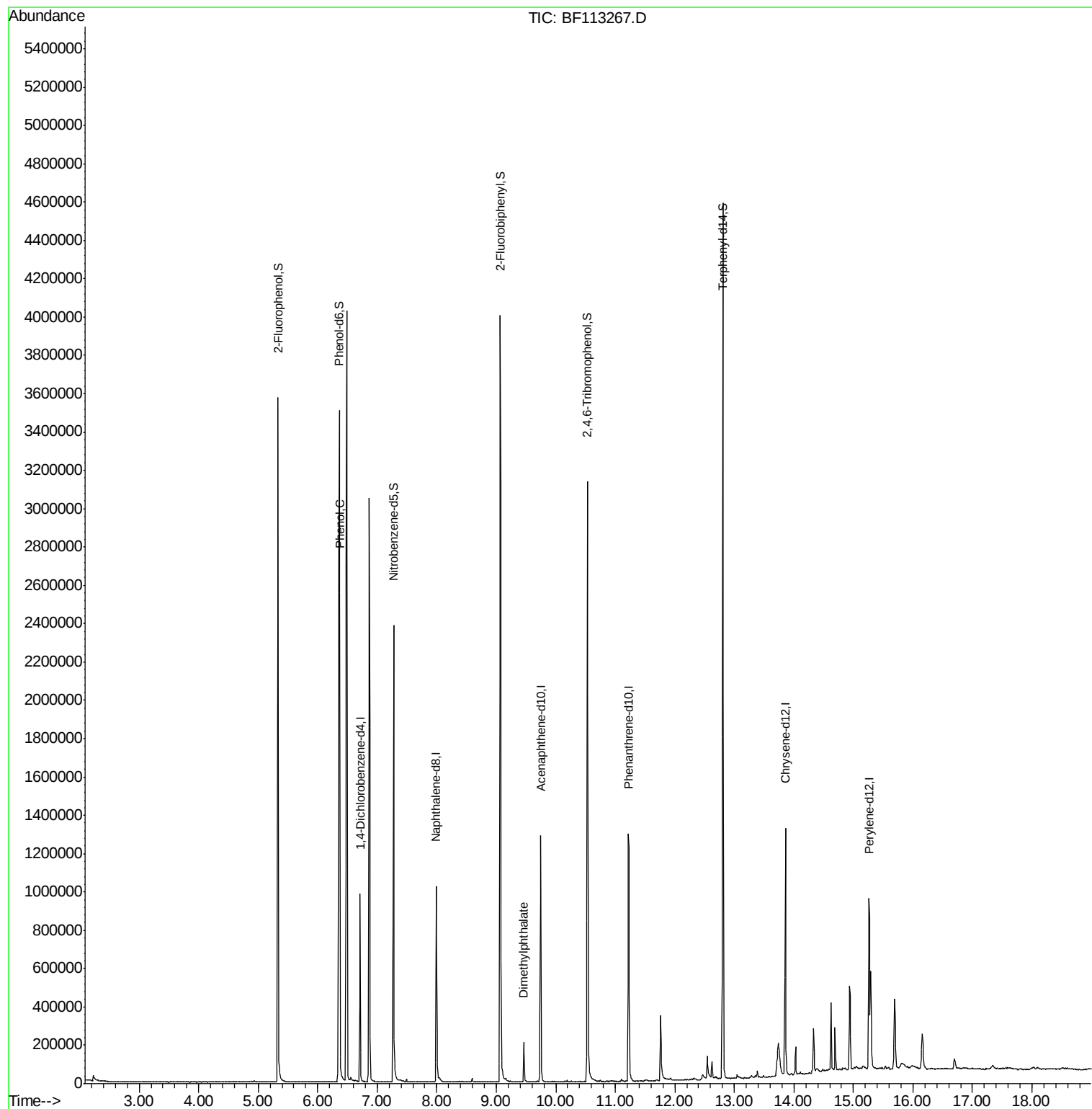
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	143161	20.00	ng	-0.02
21) Naphthalene-d8	7.99	136	544023	20.00	ng	-0.02
39) Acenaphthene-d10	9.75	164	270852	20.00	ng	-0.02
64) Phenanthrene-d10	11.22	188	581925	20.00	ng	-0.02
76) Chrysene-d12	13.86	240	513044	20.00	ng	-0.01
87) Perylene-d12	15.26	264	447886	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	1101796	119.72	ng	-0.01
7) Phenol-d6	6.36	99	1433485	124.00	ng	-0.01
23) Nitrobenzene-d5	7.27	82	869211	95.61	ng	-0.02
42) 2,4,6-Tribromophenol	10.53	330	480567	167.13	ng	-0.02
45) 2-Fluorobiphenyl	9.07	172	1412364	86.91	ng	-0.02
79) Terphenyl-d14	12.81	244	1707710	64.52	ng	-0.01
Target Compounds						
10) Phenol	6.37	94	35619	2.640	ng	94
50) Dimethylphthalate	9.46	163	95536	4.784	ng	99

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

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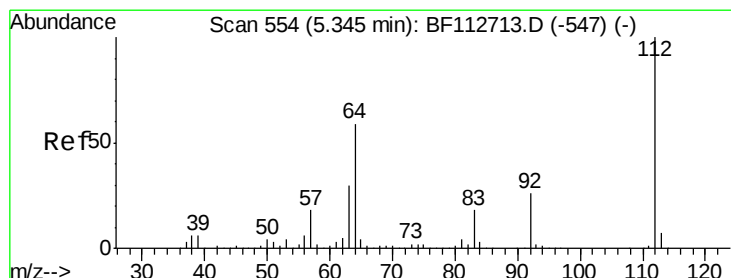
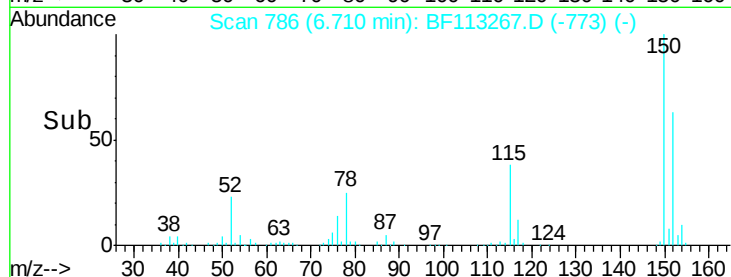
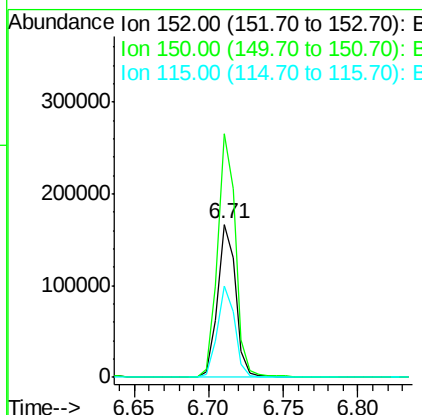
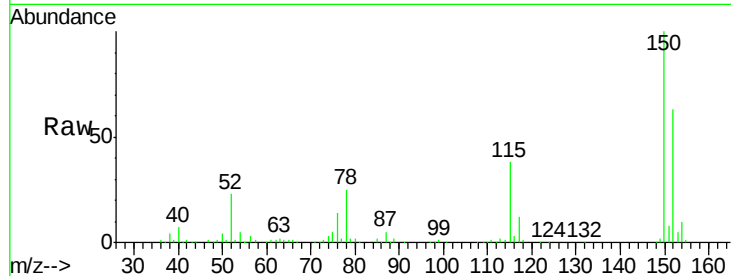


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.71 min Scan# 786
 Delta R.T. -0.02 min
 Lab File: BF113267.D
 Acq: 24 Mar 2019 14:52

Instrument :
 BNA_F
 ClientSampleId :
 S3B(17-25)COMP

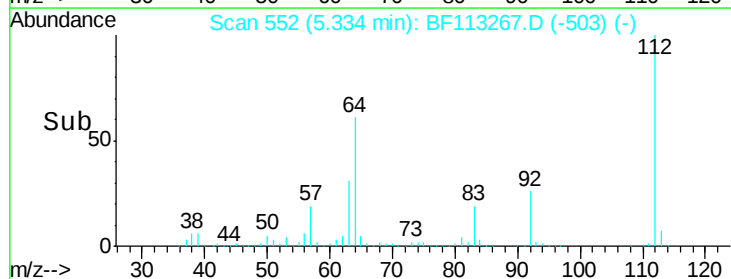
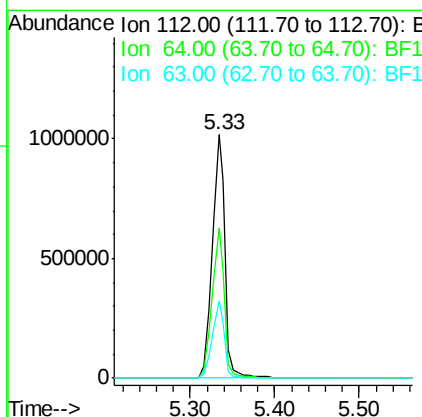
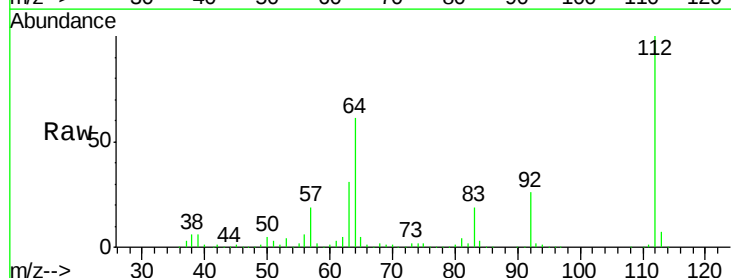
Tot Ion:152 Resp: 143161
 Ion Ratio Lower Upper
 152 100
 150 159.0 124.2 186.2
 115 59.7 48.2 72.4

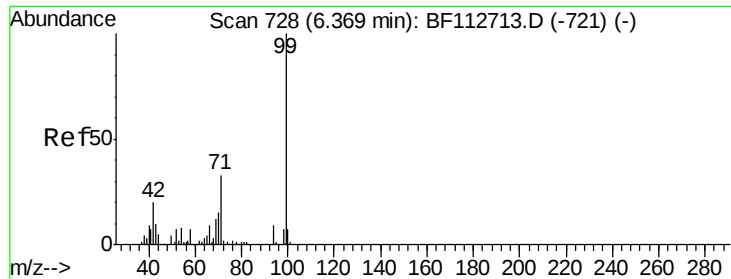


#5

2-Fluorophenol
 Concen: 119.718 ng
 RT: 5.33 min Scan# 552
 Delta R.T. -0.01 min
 Lab File: BF113267.D
 Acq: 24 Mar 2019 14:52

Tgt Ion:112 Resp: 1101796
 Ion Ratio Lower Upper
 112 100
 64 61.4 47.6 71.4
 63 31.5 24.4 36.6





#7

Phenol-d6

Concen: 123.995 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF113267.D

Acq: 24 Mar 2019 14:52

Instrument :

BNA_F

ClientSampleId :

S3B(17-25)COMP

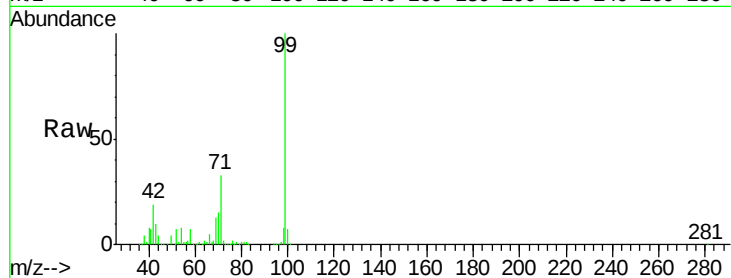
Tot Ion: 99 Resp: 1433485

Ion Ratio Lower Upper

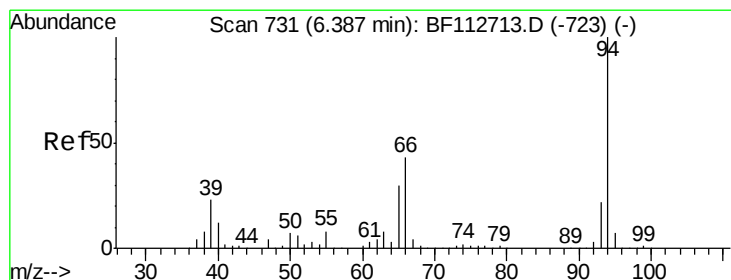
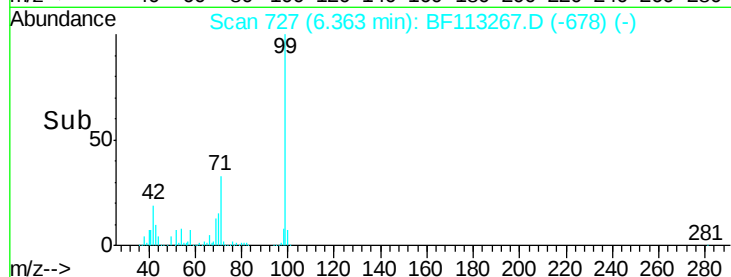
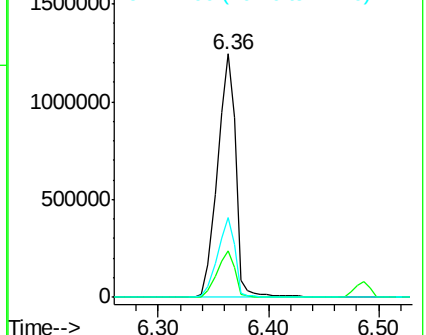
99 100

42 19.3 16.3 24.5

71 33.0 26.2 39.4



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



#10

Phenol

Concen: 2.640 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.02 min

Lab File: BF113267.D

Acq: 24 Mar 2019 14:52

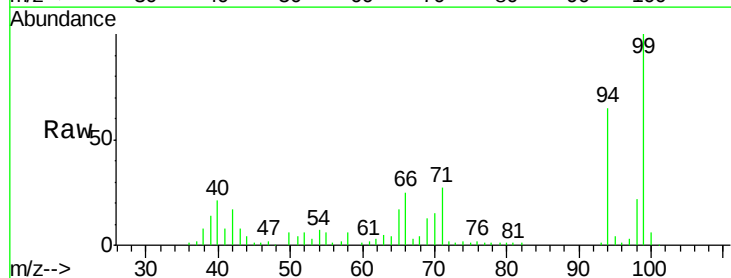
Tgt Ion: 94 Resp: 35619

Ion Ratio Lower Upper

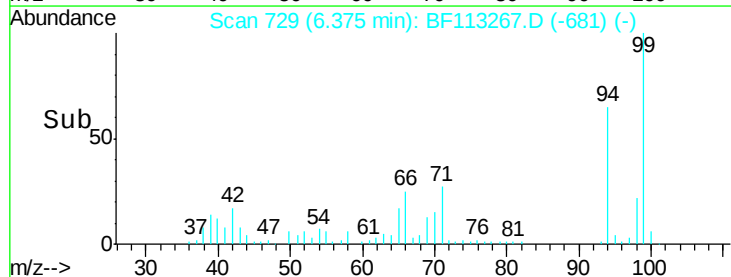
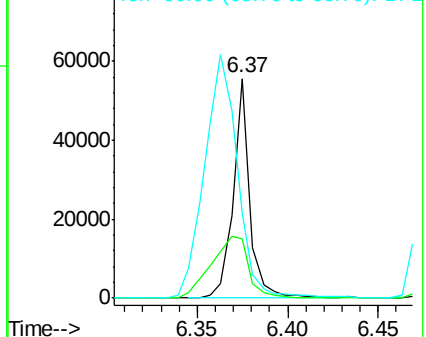
94 100

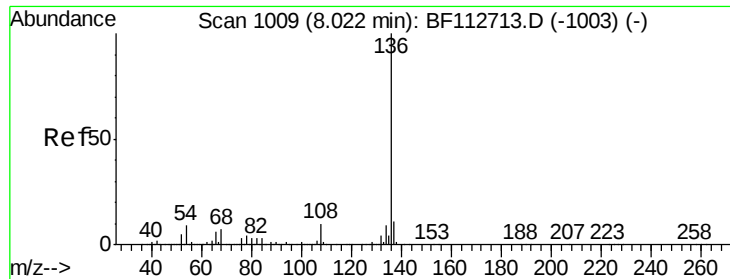
65 27.1 10.5 50.5

66 39.0 22.6 62.6



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

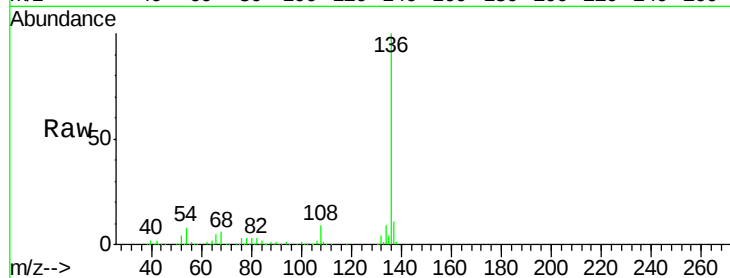




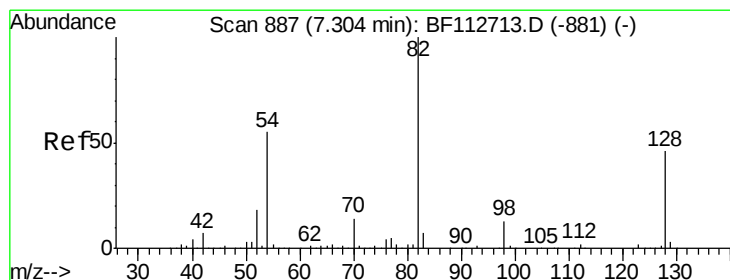
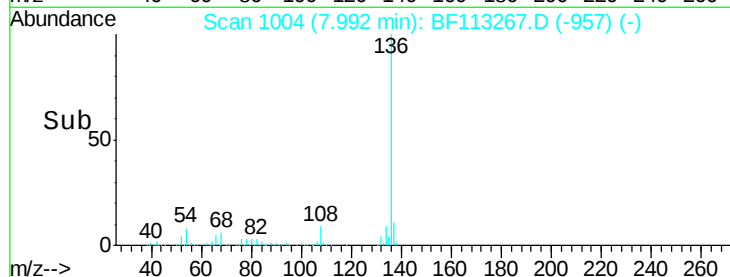
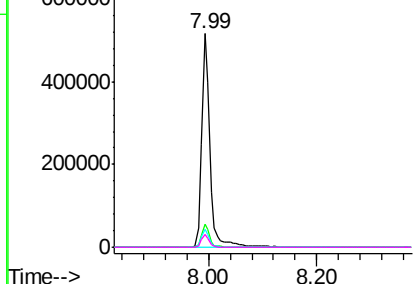
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1004
Delta R.T. -0.02 min
Lab File: BF113267.D
Acq: 24 Mar 2019 14:52

Instrument :
BNA_F
ClientSampleId :
S3B(17-25)COMP

Tot Ion:136	Resp:	544023
Ion	Ratio	Lower Upper
136	100	
137	11.0	8.9 13.3
54	8.4	7.3 10.9
68	6.0	5.4 8.2

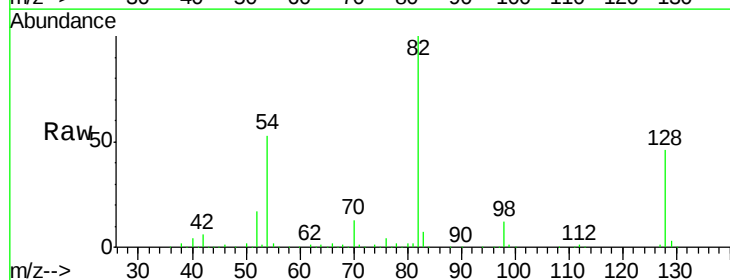


Abundance Ion 136.00 (135.70 to 136.70): E
800000
Ion 137.00 (136.70 to 137.70): E
600000
Ion 54.00 (53.70 to 54.70): BF1
400000
Ion 68.00 (67.70 to 68.70): BF1
200000
0

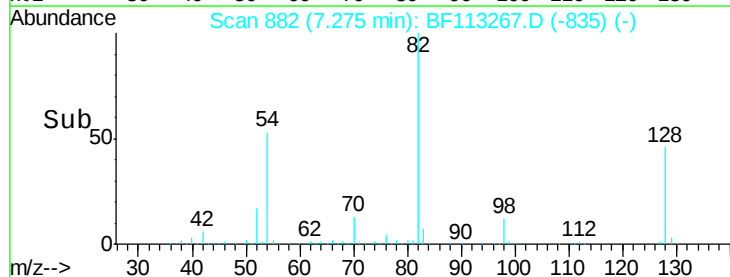
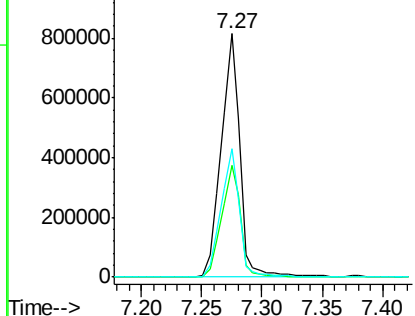


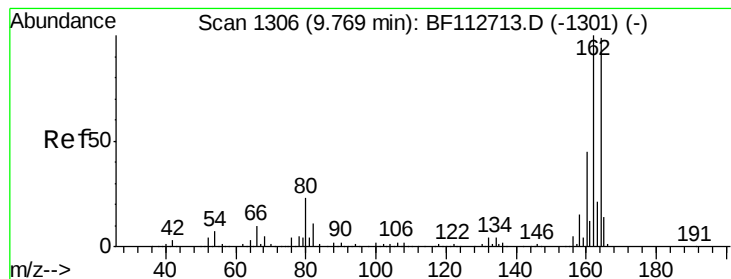
#23
Nitrobenzene-d5
Concen: 95.606 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.02 min
Lab File: BF113267.D
Acq: 24 Mar 2019 14:52

Tgt Ion: 82	Resp:	869211
Ion	Ratio	Lower Upper
82	100	
128	46.1	36.3 54.5
54	53.0	43.7 65.5



Abundance Ion 82.00 (81.70 to 82.70): BF1
1000000
Ion 128.00 (127.70 to 128.70): E
800000
Ion 54.00 (53.70 to 54.70): BF1
600000
400000
200000
0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.75 min Scan# 1302

Delta R.T. -0.02 min

Lab File: BF113267.D

Acq: 24 Mar 2019 14:52

Instrument :

BNA_F

ClientSampleId :

S3B(17-25)COMP

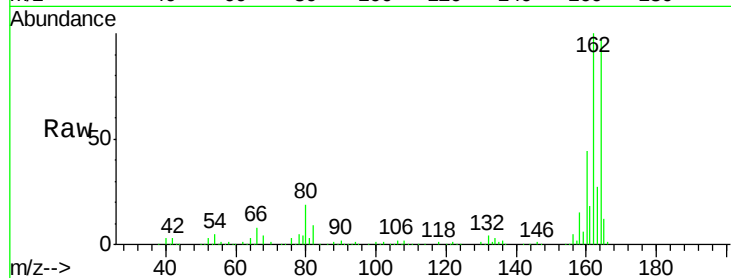
Tot Ion:164 Resp: 270852

Ion Ratio Lower Upper

164 100

162 102.7 80.6 120.8

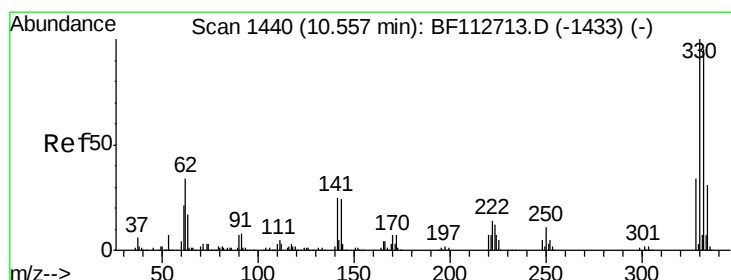
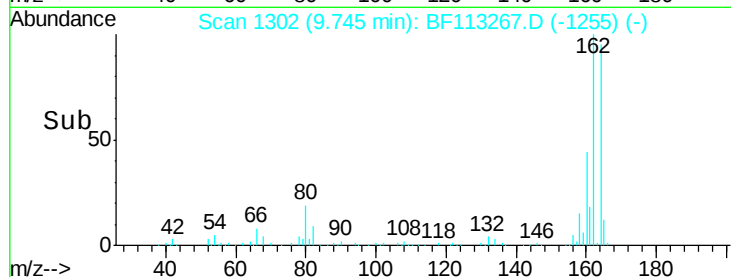
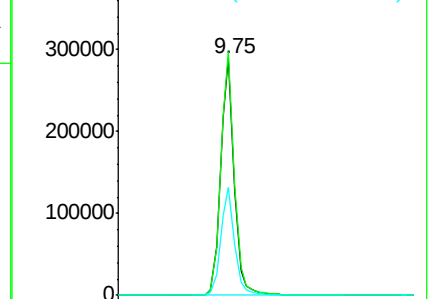
160 45.3 36.0 54.0



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: 167.129 ng

RT: 10.53 min Scan# 1436

Delta R.T. -0.02 min

Lab File: BF113267.D

Acq: 24 Mar 2019 14:52

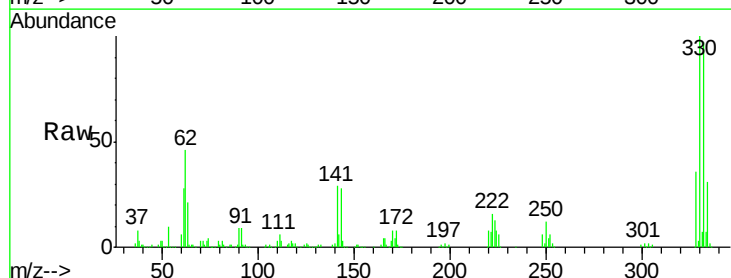
Tgt Ion:330 Resp: 480567

Ion Ratio Lower Upper

330 100

332 96.7 76.2 114.4

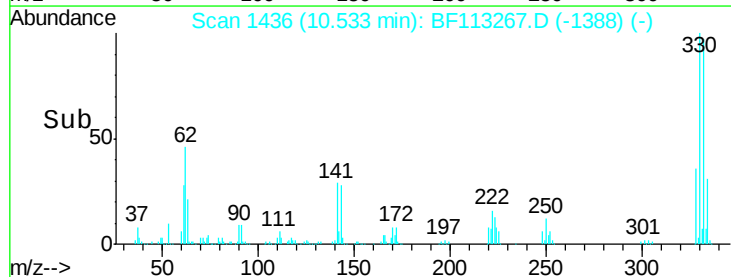
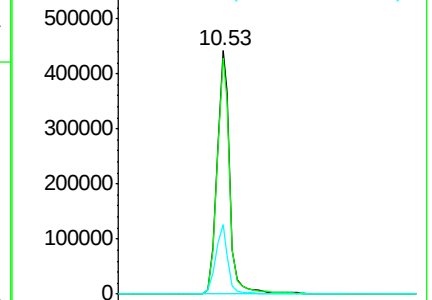
141 27.6 27.0 40.6

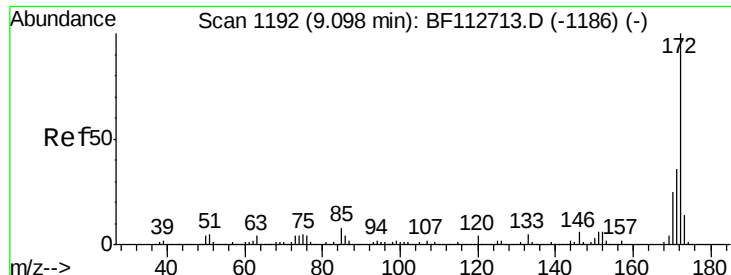


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

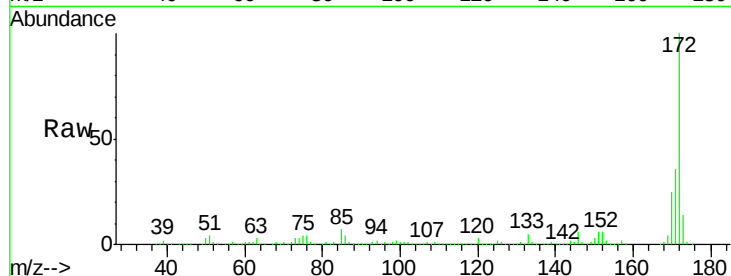




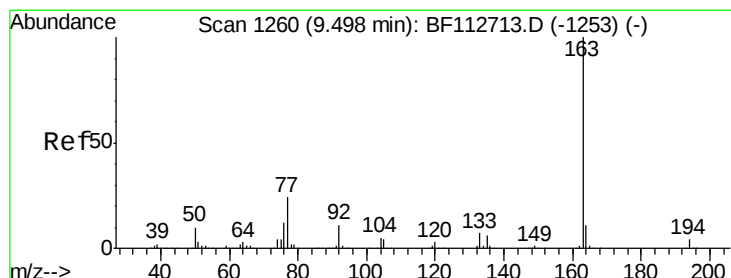
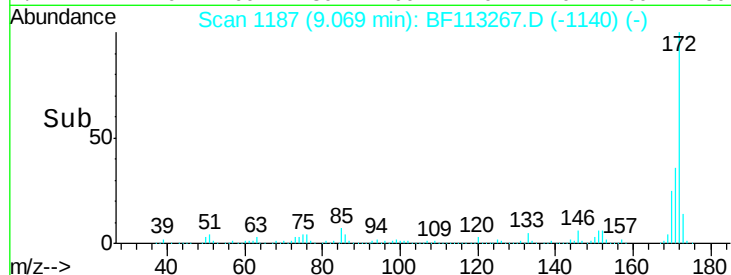
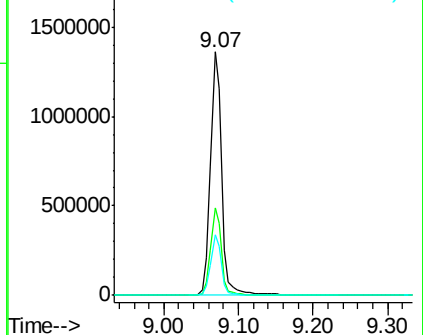
#45
 2-Fluorobiphenyl
 Concen: 86.915 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. -0.02 min
 Lab File: BF113267.D
 Acq: 24 Mar 2019 14:52

Instrument :
 BNA_F
 ClientSampleId :
 S3B(17-25)COMP

Tot Ion:172 Resp: 1412364
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.0 43.4
 170 24.8 20.0 30.0

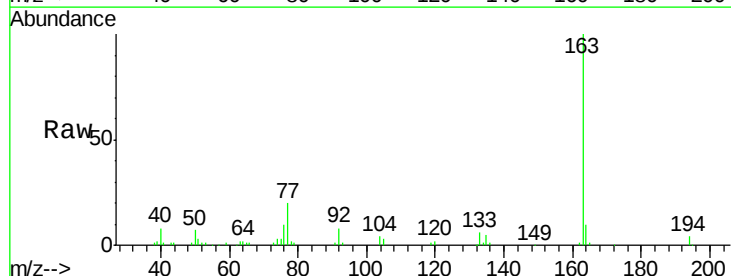


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

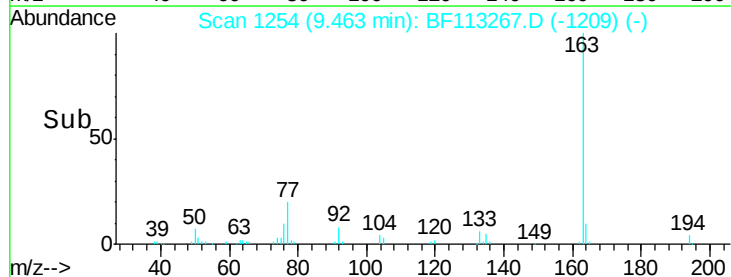
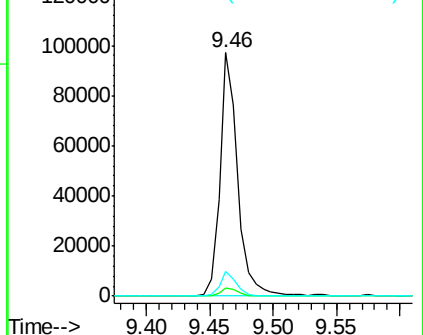


#50
 Dimethylphthalate
 Concen: 4.784 ng
 RT: 9.46 min Scan# 1254
 Delta R.T. -0.04 min
 Lab File: BF113267.D
 Acq: 24 Mar 2019 14:52

Tgt Ion:163 Resp: 95536
 Ion Ratio Lower Upper
 163 100
 194 3.5 3.0 4.4
 164 10.0 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

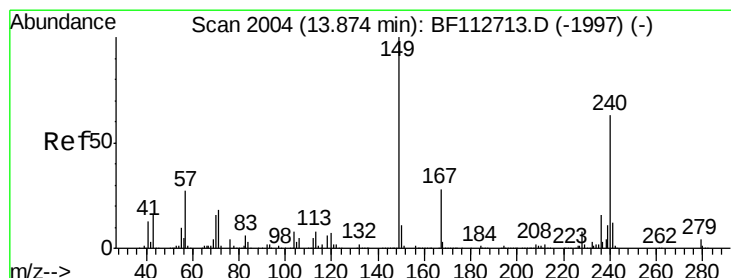
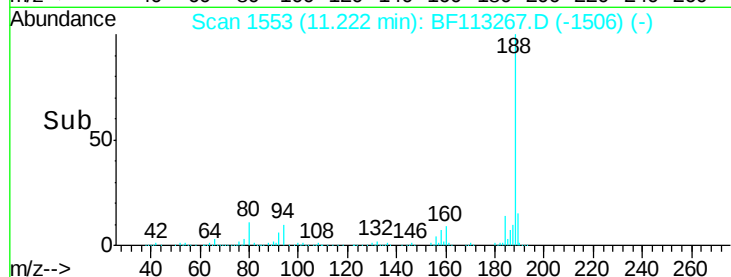
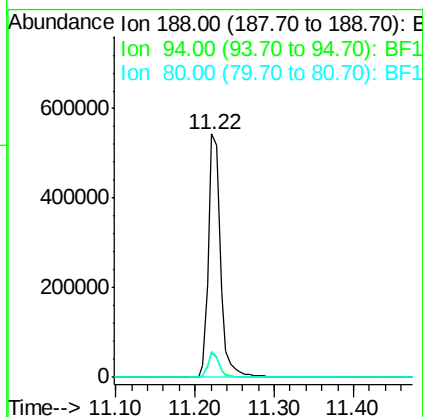
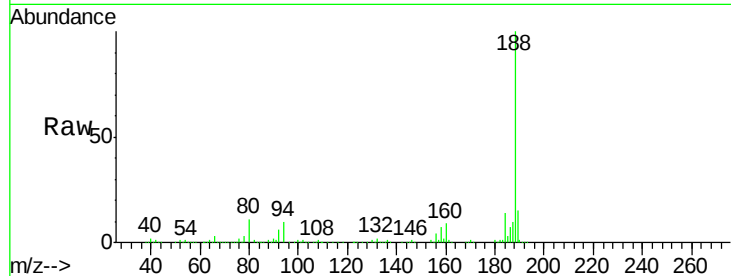




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1553
Delta R.T. -0.02 min
Lab File: BF113267.D
Acq: 24 Mar 2019 14:52

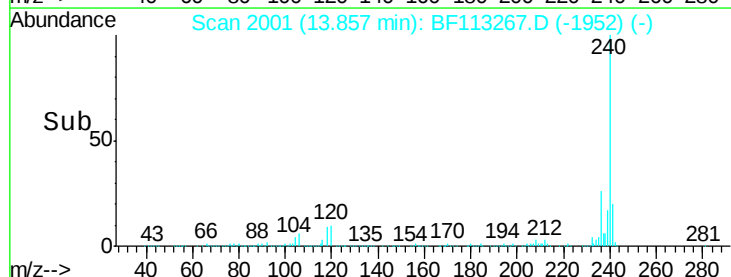
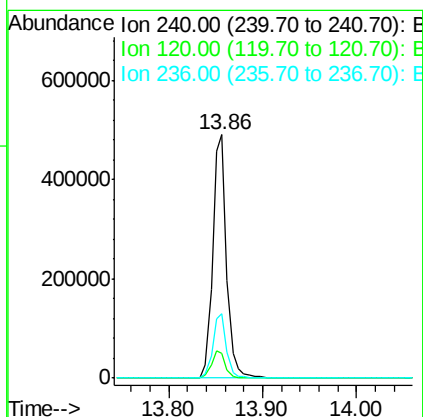
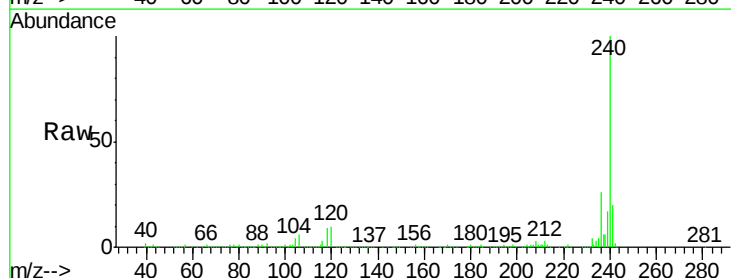
Instrument :
BNA_F
ClientSampleId :
S3B(17-25)COMP

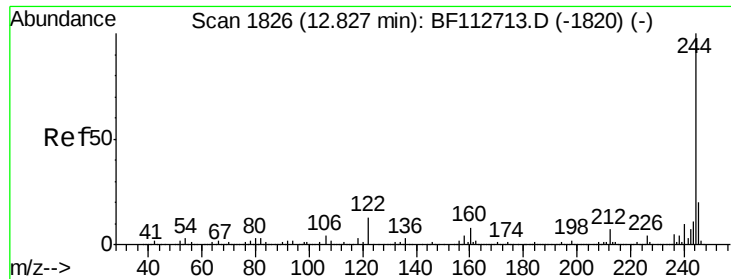
Tot Ion:188 Resp: 581925
Ion Ratio Lower Upper
188 100
94 9.9 9.0 13.4
80 10.7 9.2 13.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 2001
Delta R.T. -0.01 min
Lab File: BF113267.D
Acq: 24 Mar 2019 14:52

Tgt Ion:240 Resp: 513044
Ion Ratio Lower Upper
240 100
120 10.2 8.9 13.3
236 26.4 20.7 31.1





#79

Terphenyl-d14

Concen: 64.525 ng

RT: 12.81 min Scan# 1823

Delta R.T. -0.01 min

Lab File: BF113267.D

Acq: 24 Mar 2019 14:52

Instrument :

BNA_F

ClientSampleId :

S3B(17-25)COMP

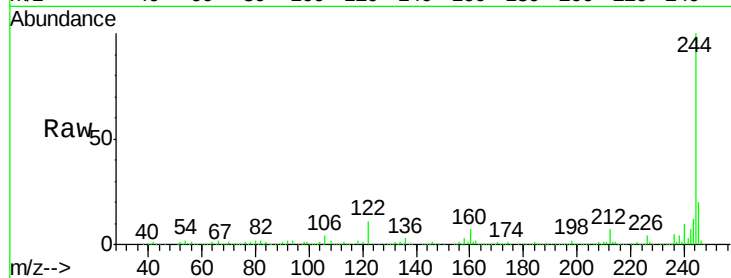
Tot Ion:244 Resp: 1707710

Ion Ratio Lower Upper

244 100

212 6.8 5.6 8.4

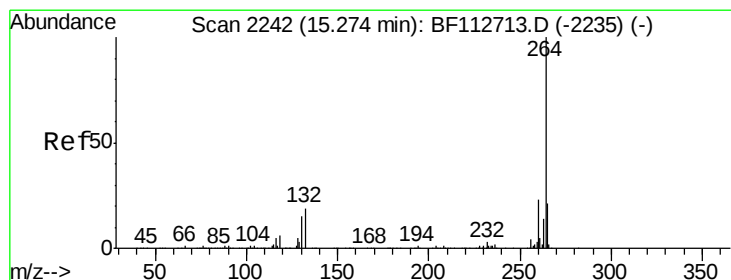
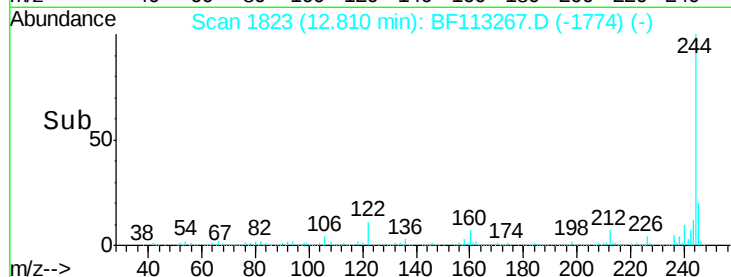
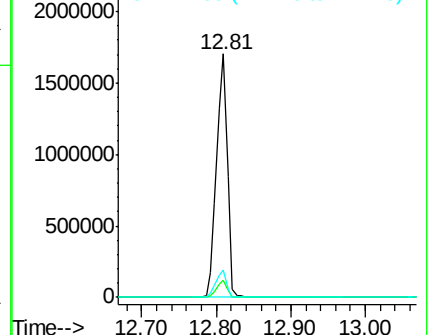
122 11.1 10.5 15.7



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: 15.26 min Scan# 2240

Delta R.T. -0.01 min

Lab File: BF113267.D

Acq: 24 Mar 2019 14:52

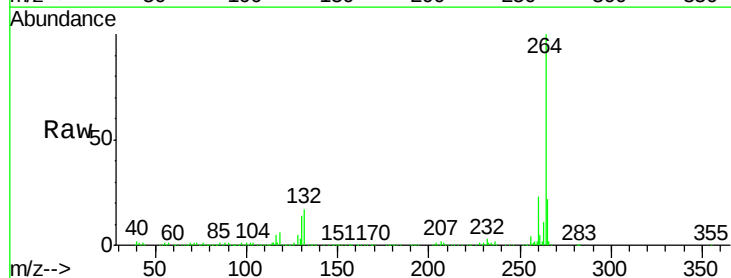
Tgt Ion:264 Resp: 447886

Ion Ratio Lower Upper

264 100

260 23.5 18.7 28.1

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

