

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092718\
 Data File : BF109423.D
 Acq On : 28 Sep 2018 9:38
 Operator : JU/SJ
 Sample : J5133-03
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 092618-SIDI-F-D-S

Quant Time: Sep 28 12:01:34 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF092218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 22 13:32:18 2018
 Response via : Initial Calibration

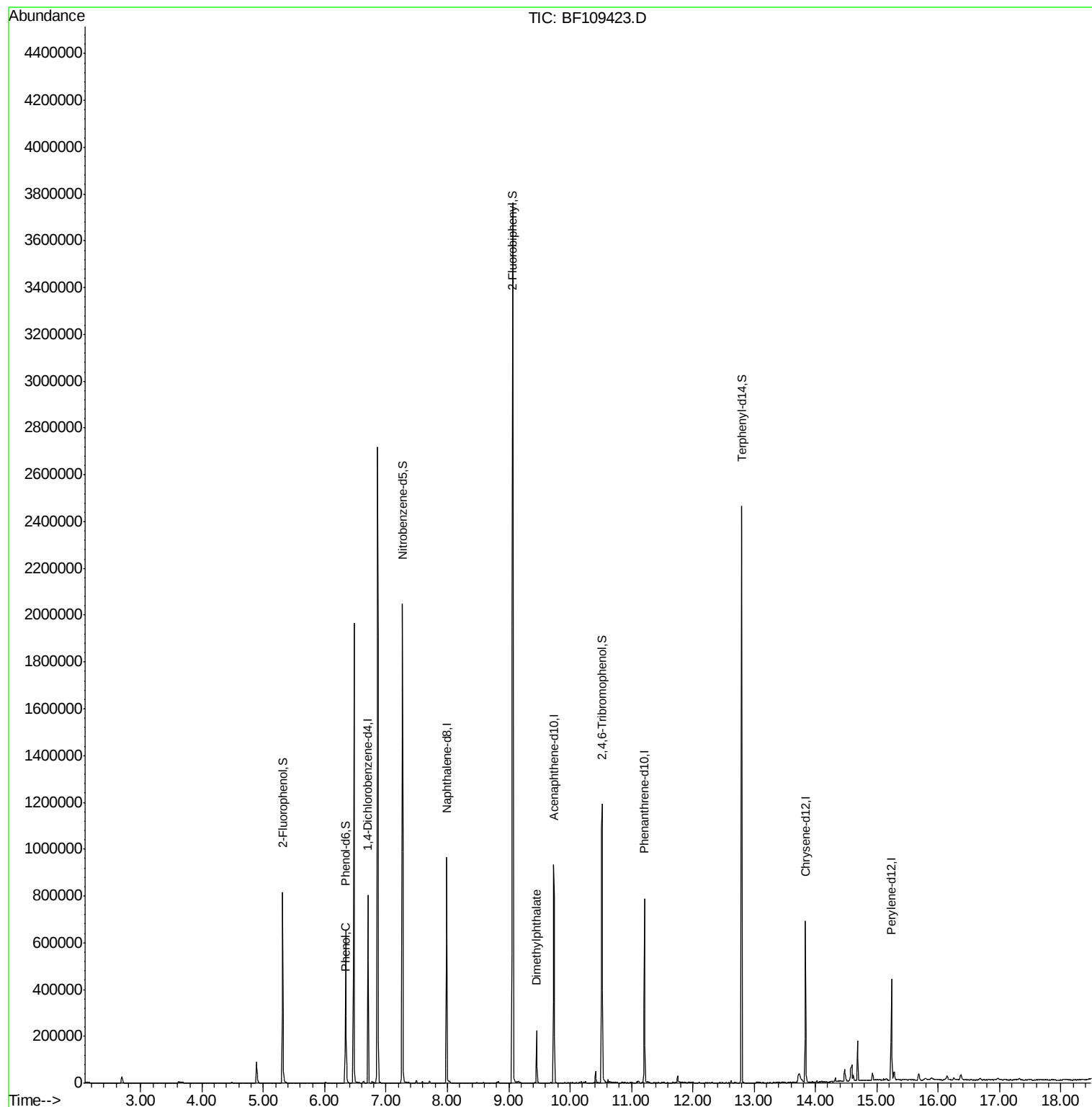
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	107934	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	396119	20.00	ng	0.00
38) Acenaphthene-d10	9.73	164	180713	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	289543	20.00	ng	0.00
75) Chrysene-d12	13.84	240	236472	20.00	ng	0.00
86) Perylene-d12	15.24	264	194987	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	243576	37.17	ng	0.00
7) Phenol-d6	6.34	99	203050	24.28	ng	-0.02
23) Nitrobenzene-d5	7.27	82	688756	102.64	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	150852	84.68	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	1219519	101.78	ng	-0.01
78) Terphenyl-d14	12.80	244	870117	90.30	ng	0.00
Target Compounds						
10) Phenol	6.35	94	44642	4.714	ng	98
49) Dimethylphthalate	9.46	163	97895	7.448	ng	98

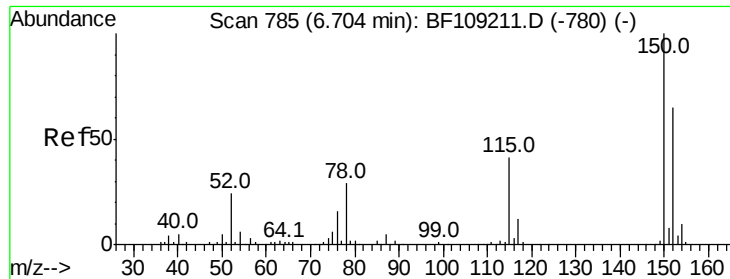
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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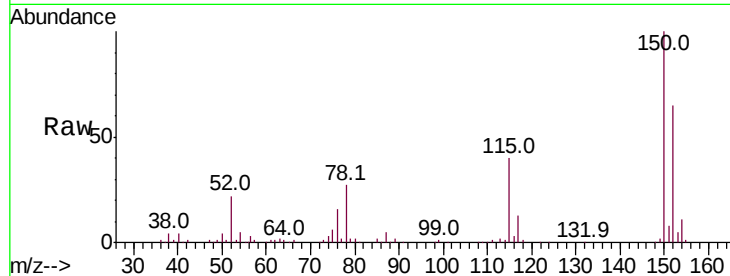


#1

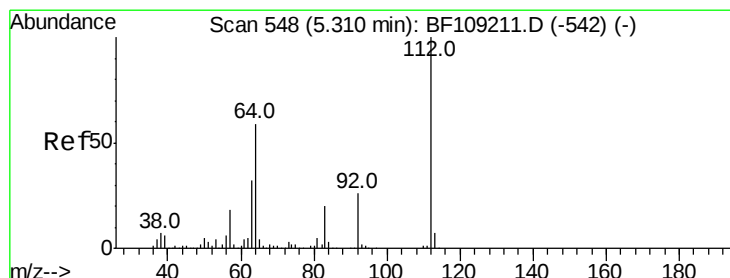
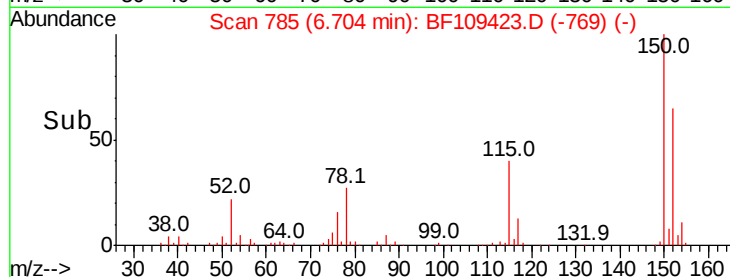
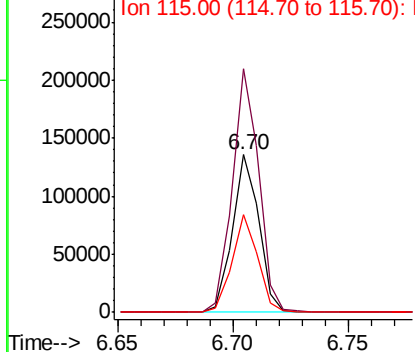
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.70 min Scan# 785
 Delta R.T. -0.01 min
 Lab File: BF109423.D
 Acq: 28 Sep 2018 9:38

Instrument :
 BNA_F
 ClientSampleId :
 092618-SIDI-F-D-S

Tot Ion:152 Resp: 107934
 Ion Ratio Lower Upper
 152 100
 150 154.7 124.6 186.8
 115 62.5 50.1 75.1



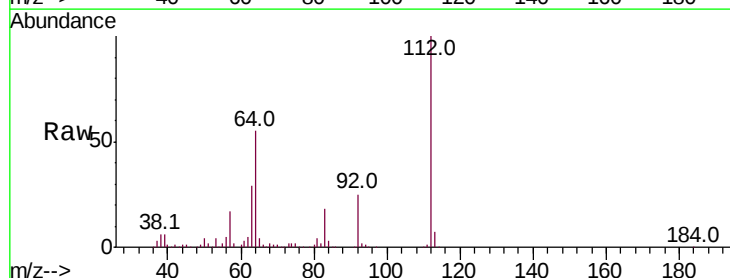
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



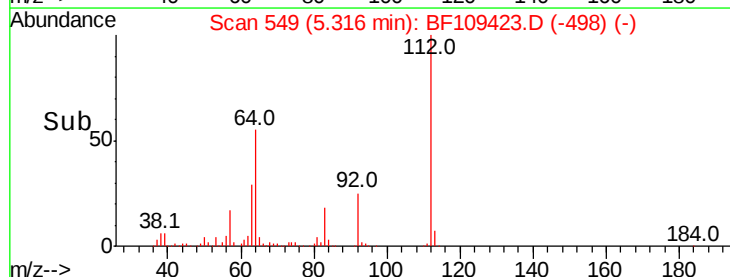
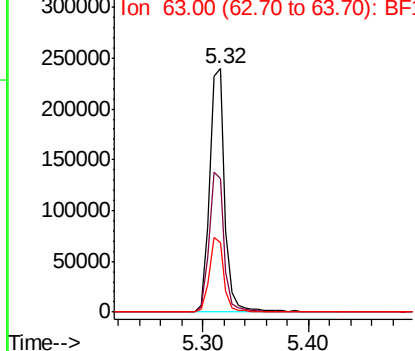
#5

2-Fluorophenol
 Concen: 37.170 ng
 RT: 5.32 min Scan# 549
 Delta R.T. 0.00 min
 Lab File: BF109423.D
 Acq: 28 Sep 2018 9:38

Tgt Ion:112 Resp: 243576
 Ion Ratio Lower Upper
 112 100
 64 54.8 47.9 71.9
 63 28.8 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF1
 Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 24.283 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF109423.D

Acq: 28 Sep 2018 9:38

Instrument :

BNA_F

ClientSampleId :

092618-SIDI-F-D-S

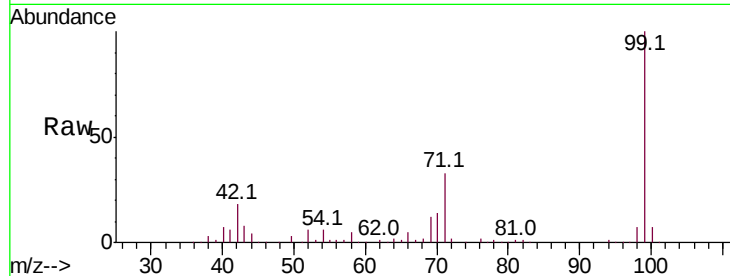
Tot Ion: 99 Resp: 203050

Ion Ratio Lower Upper

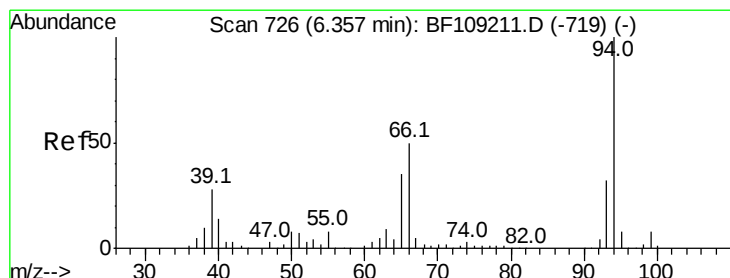
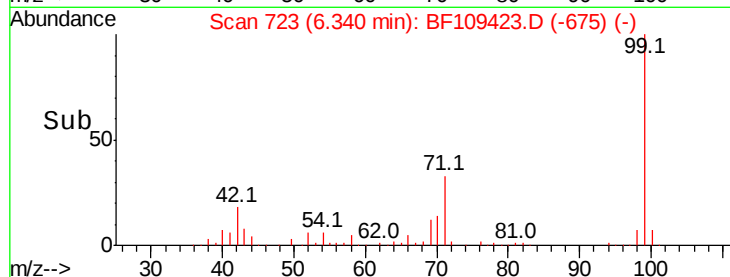
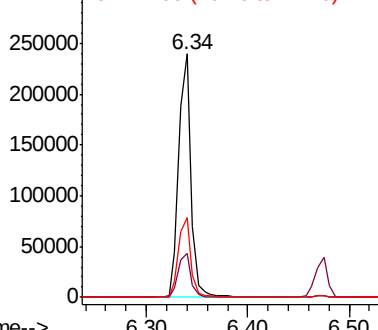
99 100

42 17.9 14.5 21.7

71 32.8 25.4 38.0



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: 4.714 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.02 min

Lab File: BF109423.D

Acq: 28 Sep 2018 9:38

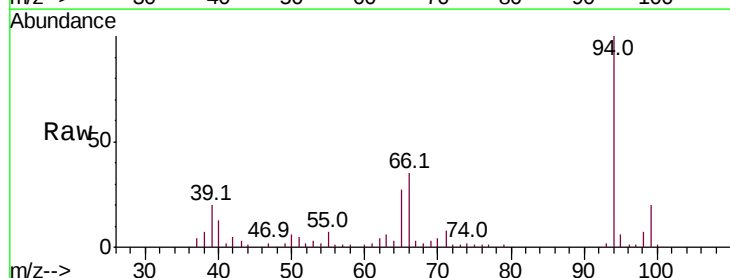
Tgt Ion: 94 Resp: 44642

Ion Ratio Lower Upper

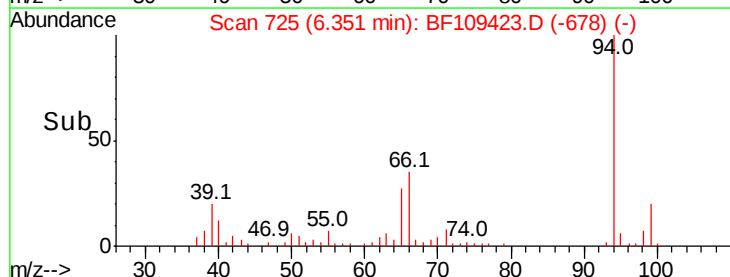
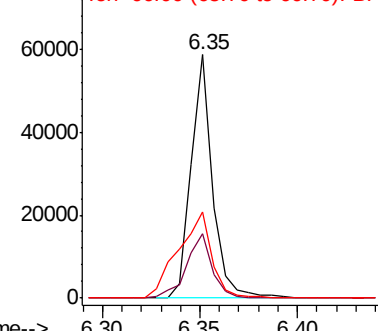
94 100

65 26.5 7.9 47.9

66 35.2 16.2 56.2



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# 1003

Delta R.T. -0.01 min

Lab File: BF109423.D

Acq: 28 Sep 2018 9:38

Instrument :

BNA_F

ClientSampleId :

092618-SIDI-F-D-S

Tot Ion:136 Resp: 396119

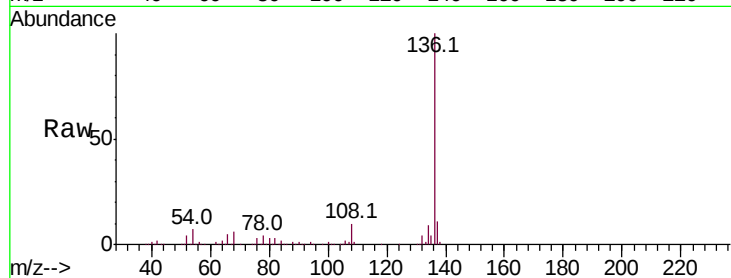
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 6.9 6.6 9.8

68 5.7 5.0 7.4

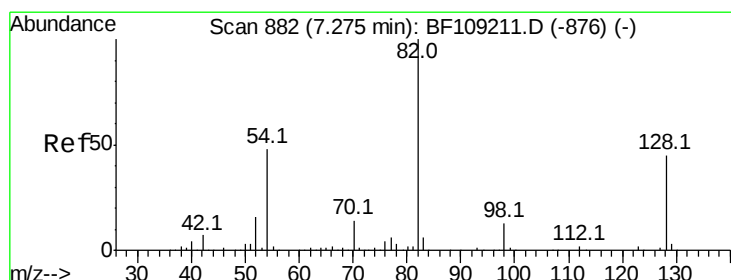
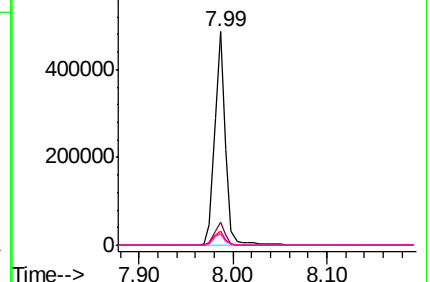
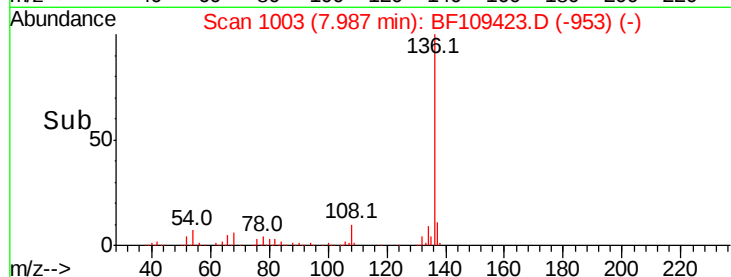


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#23

Nitrobenzene-d5

Concen: 102.642 ng

RT: 7.27 min Scan# 881

Delta R.T. -0.01 min

Lab File: BF109423.D

Acq: 28 Sep 2018 9:38

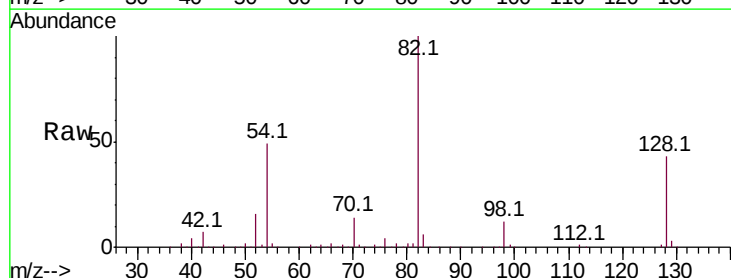
Tgt Ion: 82 Resp: 688756

Ion Ratio Lower Upper

82 100

128 42.7 36.1 54.1

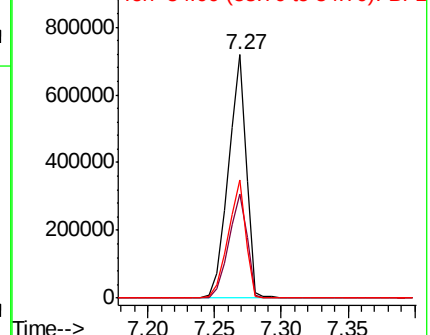
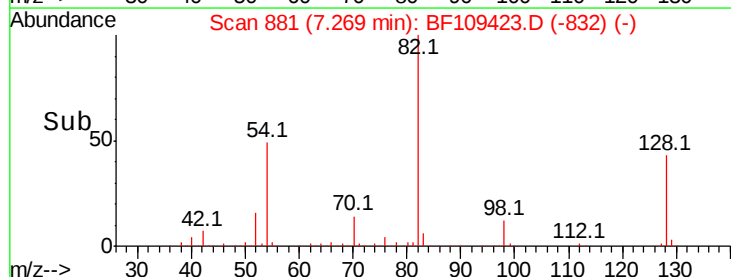
54 48.6 41.4 62.2

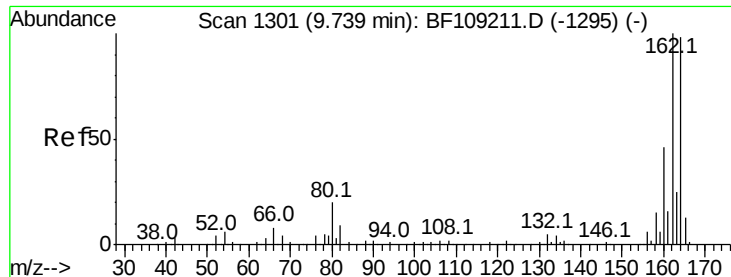


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

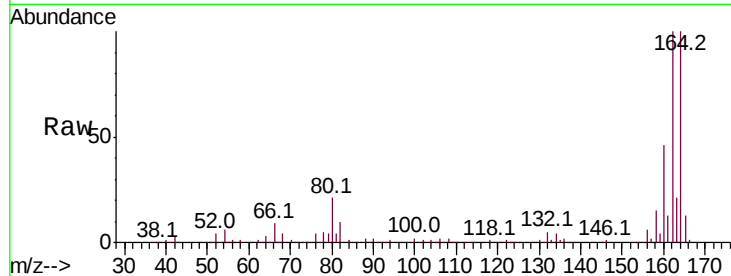




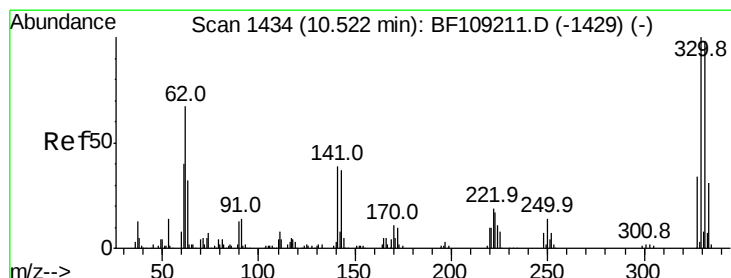
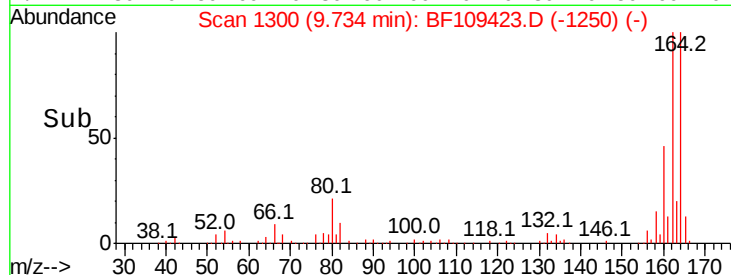
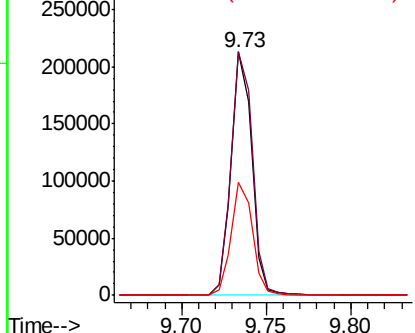
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BF109423.D
Acq: 28 Sep 2018 9:38

Instrument :
BNA_F
ClientSampleId :
092618-SIDI-F-D-S

Tot Ion	Ratio	Lower	Upper
164	100		
162	99.9	86.1	129.1
160	46.2	38.3	57.5

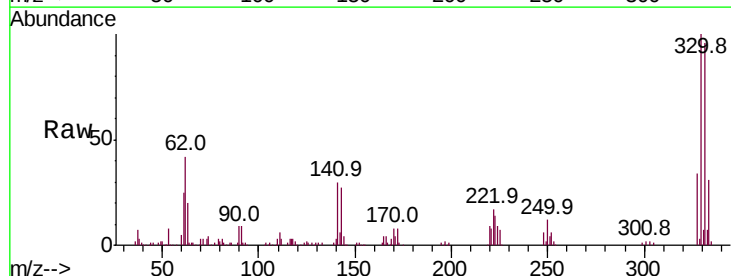


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

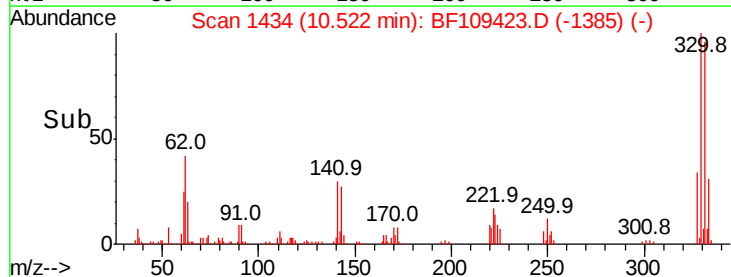
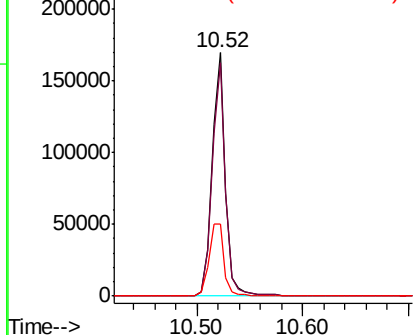


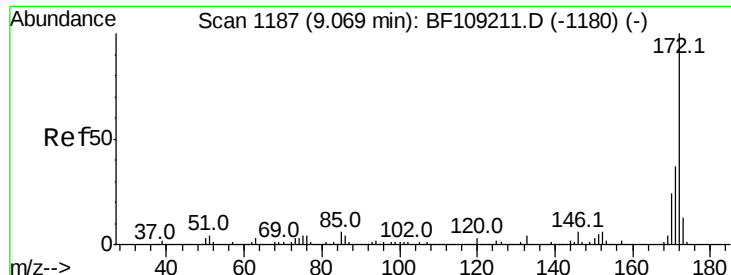
#41
2,4,6-Tribromophenol
Concen: 84.679 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.01 min
Lab File: BF109423.D
Acq: 28 Sep 2018 9:38

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.0	115.6
141	33.9	29.9	44.9



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

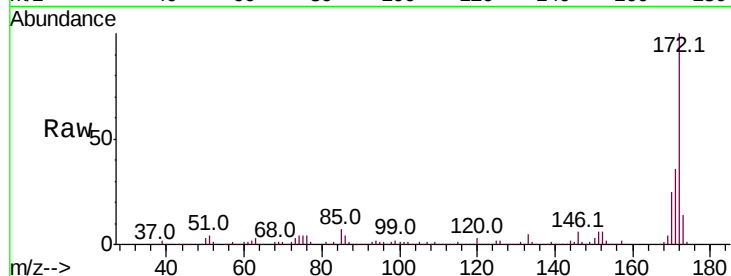




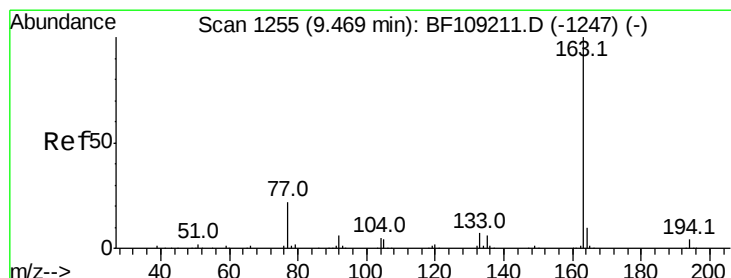
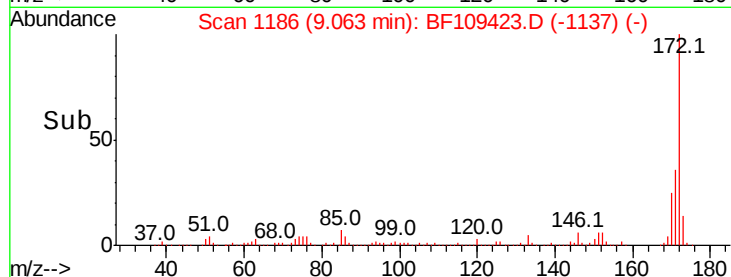
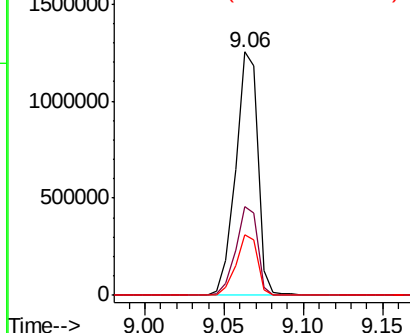
#44
2-Fluorobiphenyl
Concen: 101.778 ng
RT: 9.06 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BF109423.D
Acq: 28 Sep 2018 9:38

Instrument :
BNA_F
ClientSampleId :
092618-SIDI-F-D-S

Tot Ion:172 Resp: 1219519
Ion Ratio Lower Upper
172 100
171 36.4 29.7 44.5
170 24.8 19.6 29.4

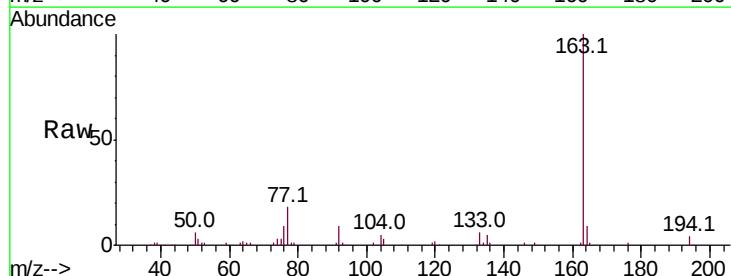


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

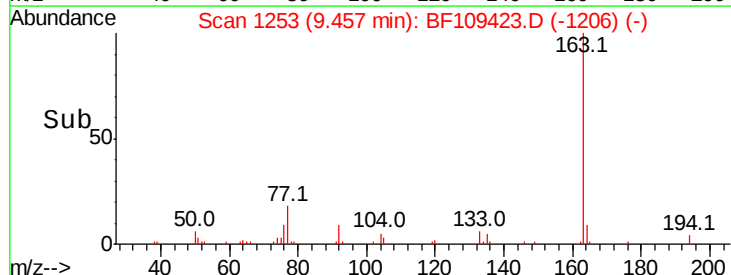
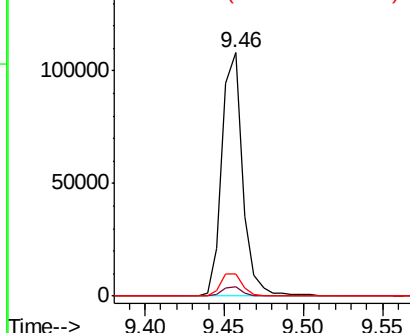


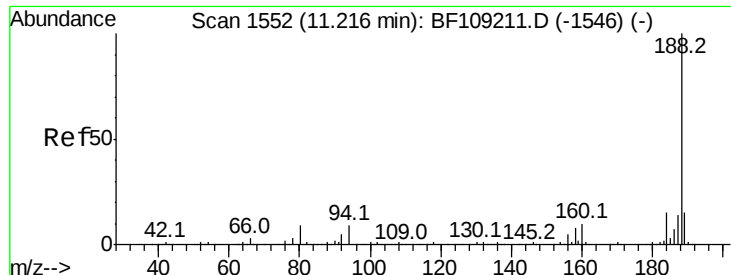
#49
Dimethylphthalate
Concen: 7.448 ng
RT: 9.46 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF109423.D
Acq: 28 Sep 2018 9:38

Tgt Ion:163 Resp: 97895
Ion Ratio Lower Upper
163 100
194 3.7 2.7 4.1
164 9.3 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

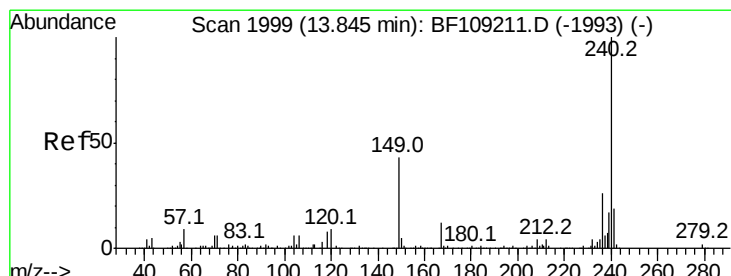
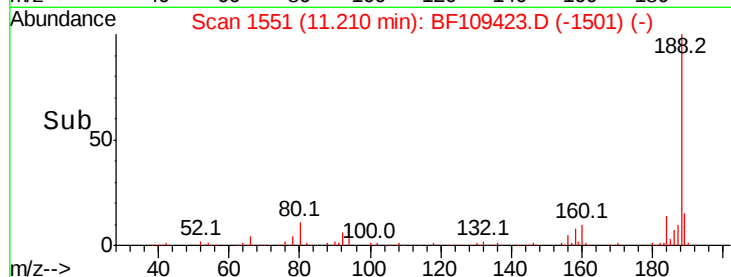
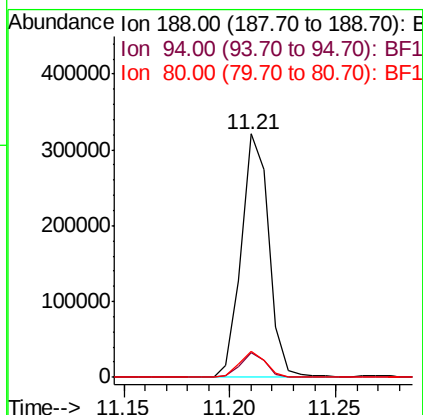
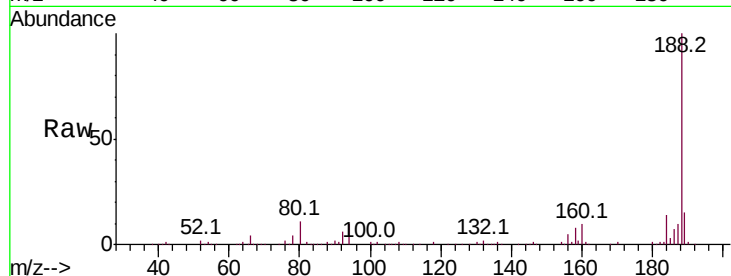




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BF109423.D
Acq: 28 Sep 2018 9:38

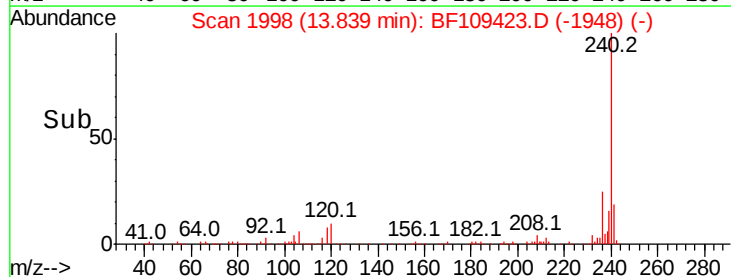
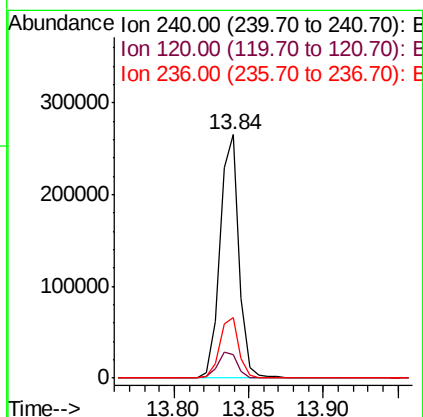
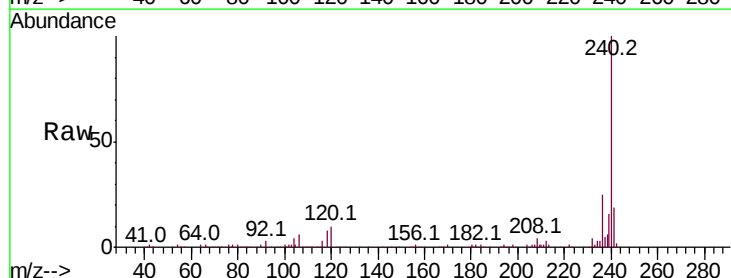
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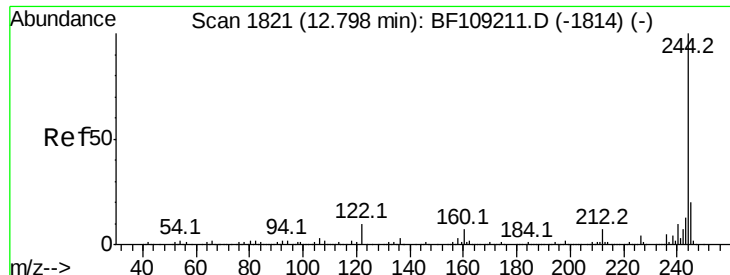
Tot Ion	Ratio	Lower	Upper
188	100		
94	10.3	8.5	12.7
80	10.9	9.2	13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.84 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BF109423.D
Acq: 28 Sep 2018 9:38

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.9	9.5	14.3
236	25.0	20.7	31.1





#78

Terphenyl-d14

Concen: 90.303 ng

RT: 12.80 min Scan# 1821

Delta R.T. -0.01 min

Lab File: BF109423.D

Acq: 28 Sep 2018 9:38

Instrument :

BNA_F

ClientSampleId :

092618-SIDI-F-D-S

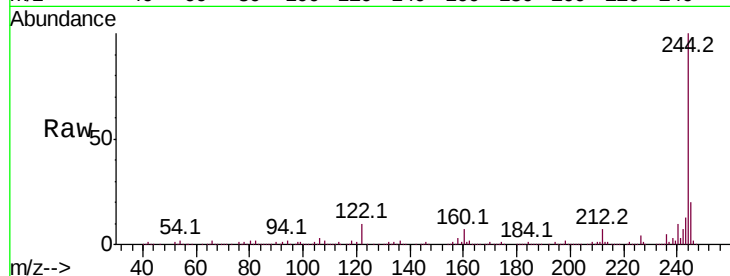
Tot Ion:244 Resp: 870117

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

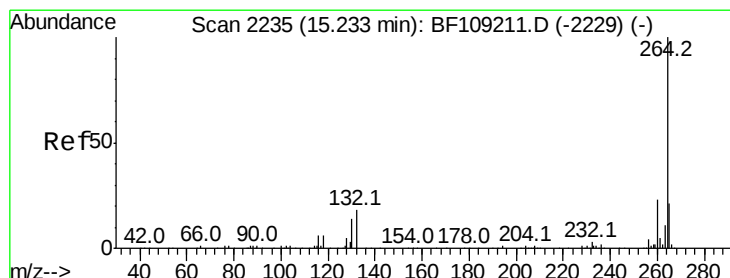
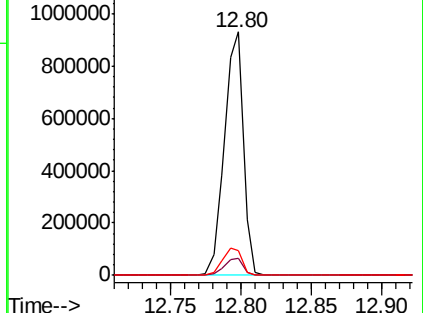
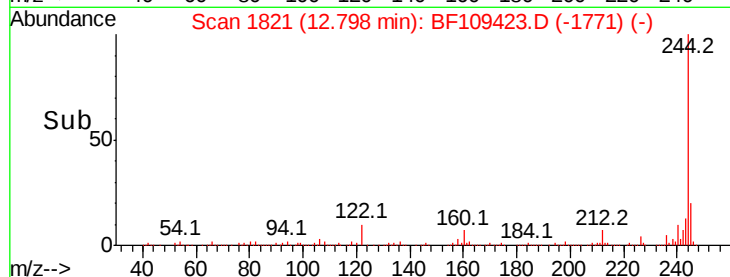
122 10.1 11.0 16.4#



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: 15.24 min Scan# 2236

Delta R.T. 0.00 min

Lab File: BF109423.D

Acq: 28 Sep 2018 9:38

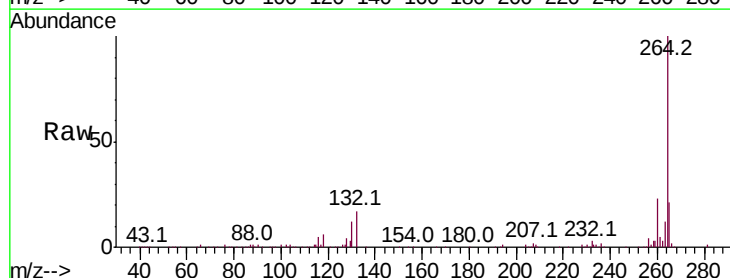
Tgt Ion:264 Resp: 194987

Ion Ratio Lower Upper

264 100

260 23.5 19.2 28.8

265 21.0 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

