

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092818\
 Data File : BF109443.D
 Acq On : 28 Sep 2018 21:10
 Operator : JU/SJ
 Sample : J4771-05
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NB-08-092718

Quant Time: Sep 29 05:15:32 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

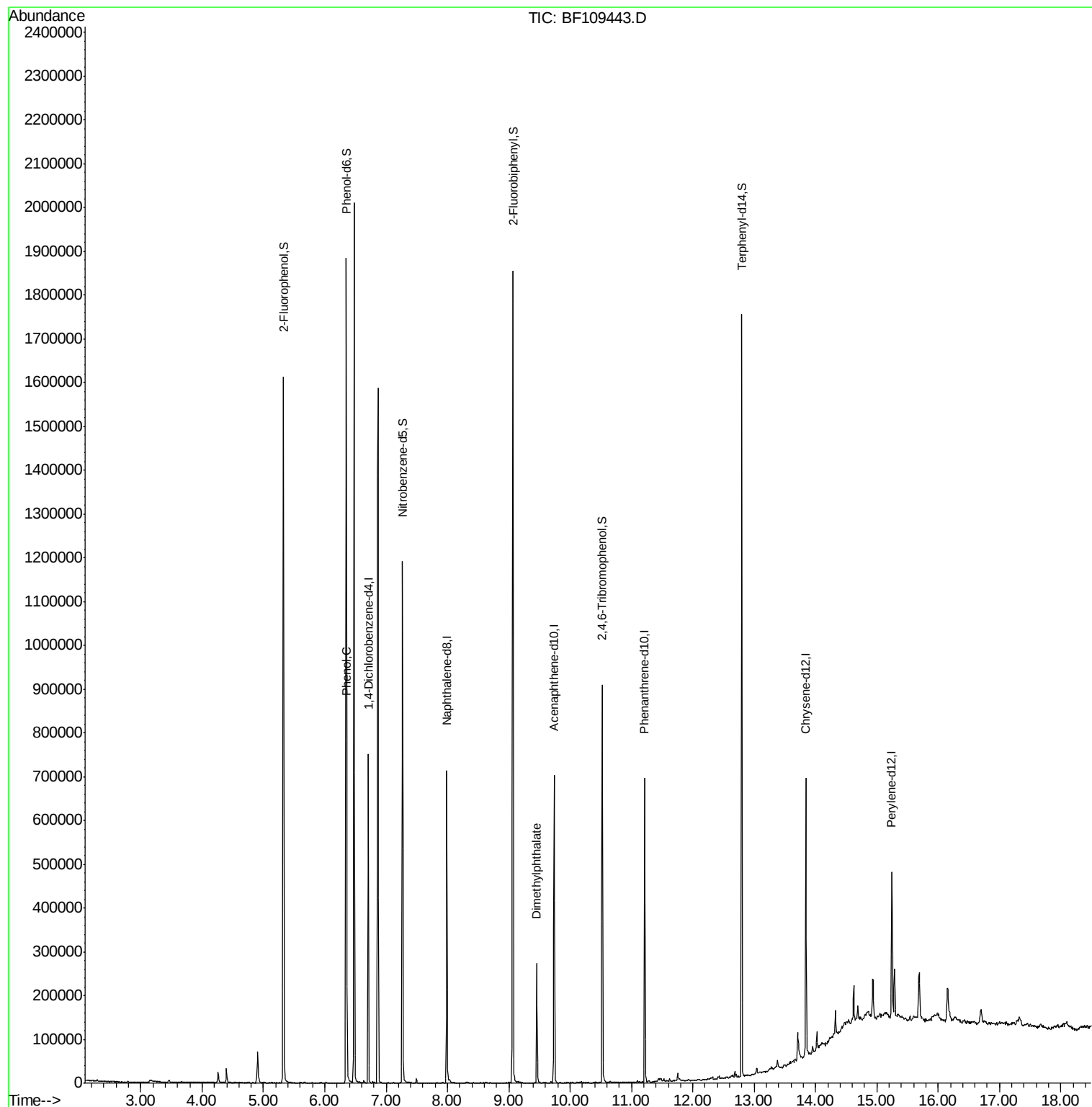
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	101365	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	314783	20.00	ng	0.00
38) Acenaphthene-d10	9.74	164	125053	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	237652	20.00	ng	0.00
75) Chrysene-d12	13.84	240	199545	20.00	ng	0.00
86) Perylene-d12	15.24	264	150059	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	493354	80.16	ng	0.01
7) Phenol-d6	6.35	99	606782	77.27	ng	0.00
23) Nitrobenzene-d5	7.27	82	358614	67.25	ng	-0.01
41) 2,4,6-Tribromophenol	10.53	330	111144	90.16	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	604533	72.91	ng	0.00
78) Terphenyl-d14	12.80	244	593593	73.00	ng	0.00
Target Compounds						
10) Phenol	6.36	94	38252	4.301	ng	99
49) Dimethylphthalate	9.46	163	105311	11.578	ng	99

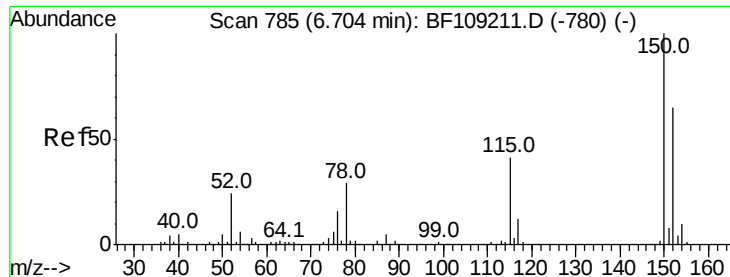
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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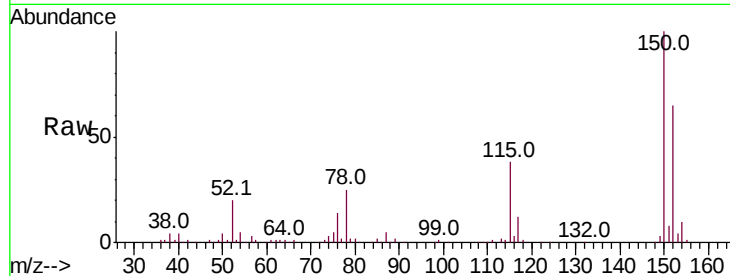


#1

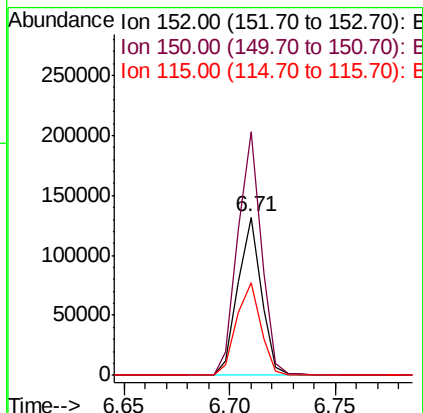
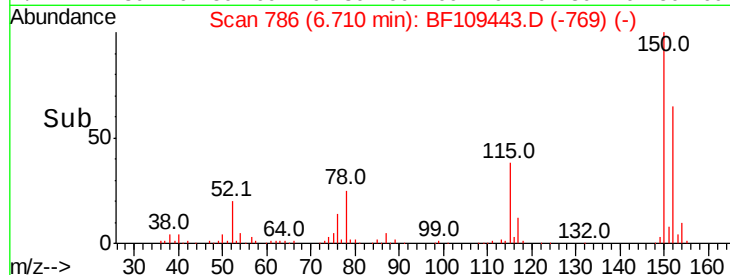
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.71 min Scan# 786
 Delta R.T. -0.00 min
 Lab File: BF109443.D
 Acq: 28 Sep 2018 21:10

Instrument :
 BNA_F
 ClientSampleId :
 NB-08-092718

Tot Ion:152 Resp: 101365
 Ion Ratio Lower Upper
 152 100
 150 154.1 124.6 186.8
 115 59.0 50.1 75.1



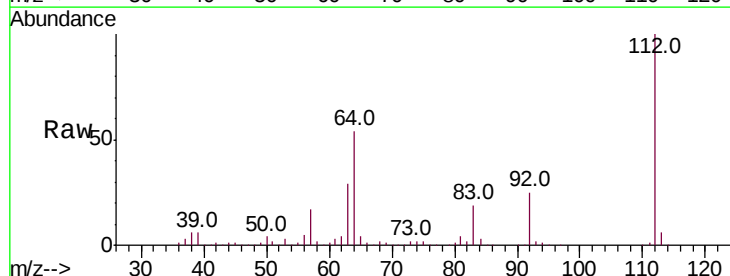
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



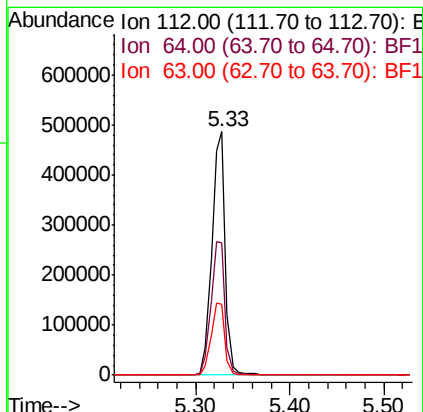
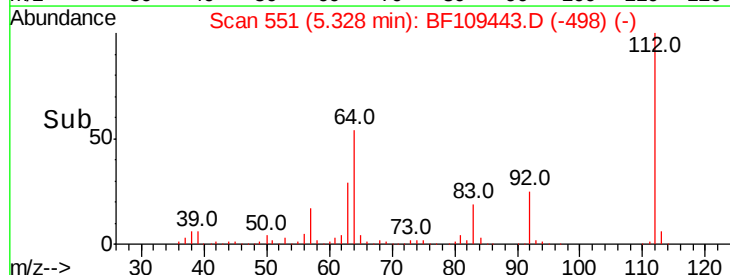
#5

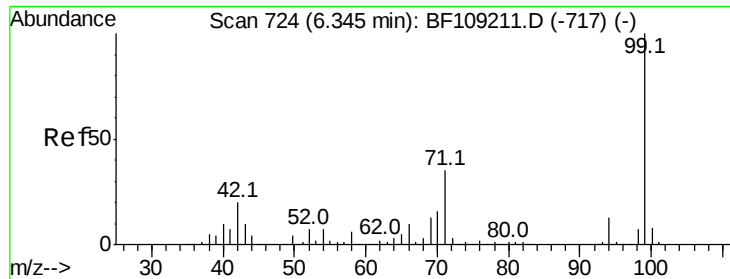
2-Fluorophenol
 Concen: 80.165 ng
 RT: 5.33 min Scan# 551
 Delta R.T. 0.01 min
 Lab File: BF109443.D
 Acq: 28 Sep 2018 21:10

Tgt Ion:112 Resp: 493354
 Ion Ratio Lower Upper
 112 100
 64 54.1 47.9 71.9
 63 29.3 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: 77.267 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF109443.D

Acq: 28 Sep 2018 21:10

Instrument :

BNA_F

ClientSampleId :

NB-08-092718

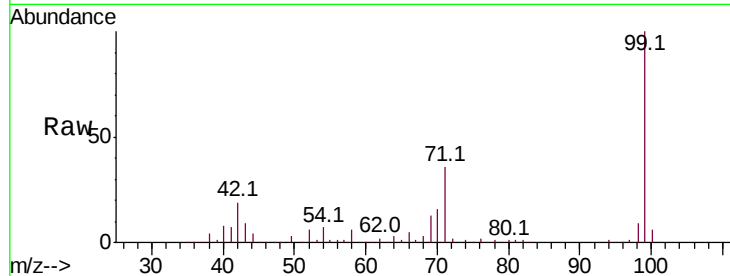
Tot Ion: 99 Resp: 606782

Ion Ratio Lower Upper

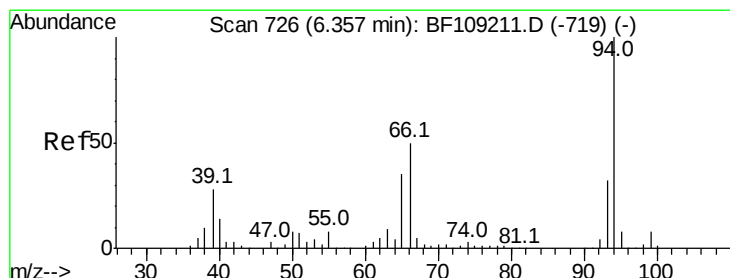
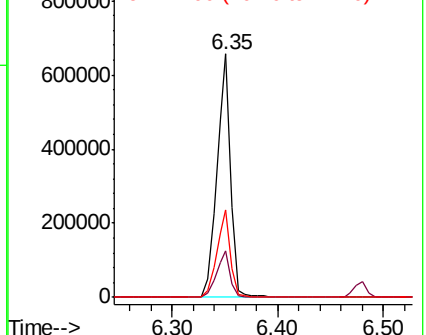
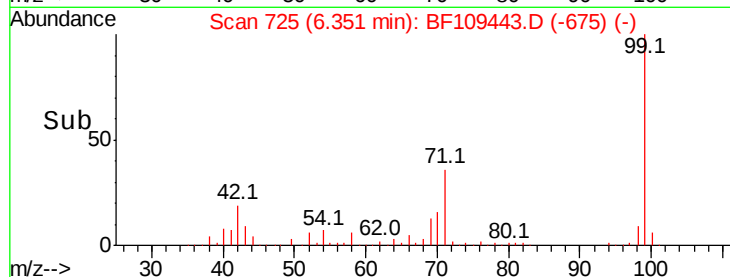
99 100

42 19.3 14.5 21.7

71 35.8 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: 4.301 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF109443.D

Acq: 28 Sep 2018 21:10

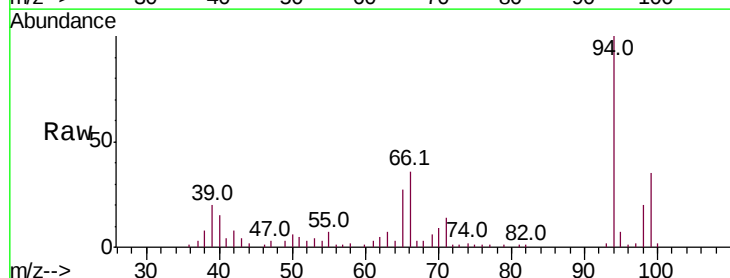
Tgt Ion: 94 Resp: 38252

Ion Ratio Lower Upper

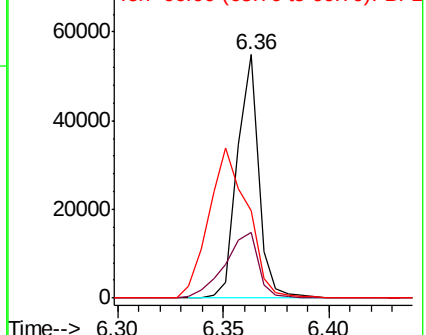
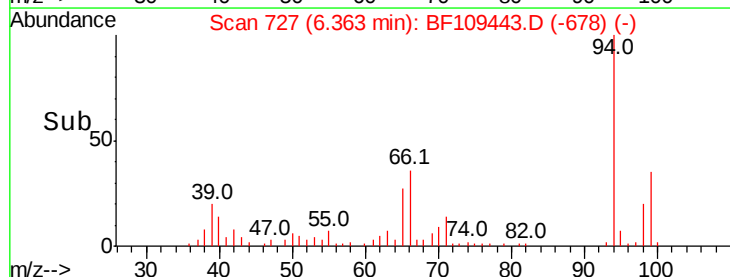
94 100

65 26.8 7.9 47.9

66 35.9 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# 1004

Delta R.T. -0.00 min

Lab File: BF109443.D

Acq: 28 Sep 2018 21:10

Instrument :

BNA_F

ClientSampleId :

NB-08-092718

Tot Ion:136 Resp: 314783

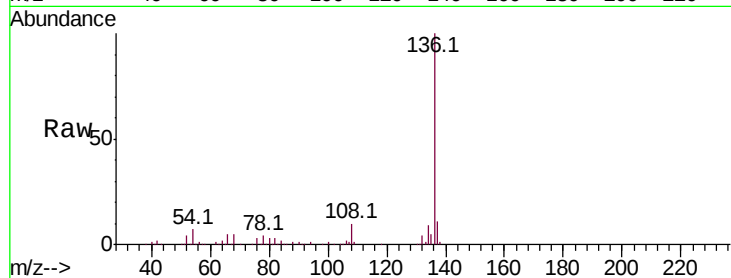
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 6.6 6.6 9.8

68 5.4 5.0 7.4

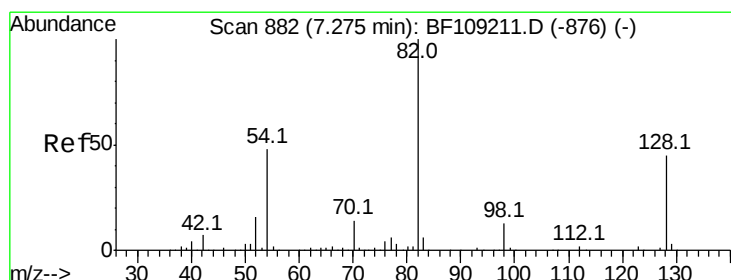
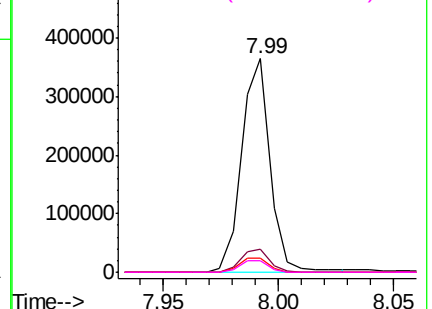
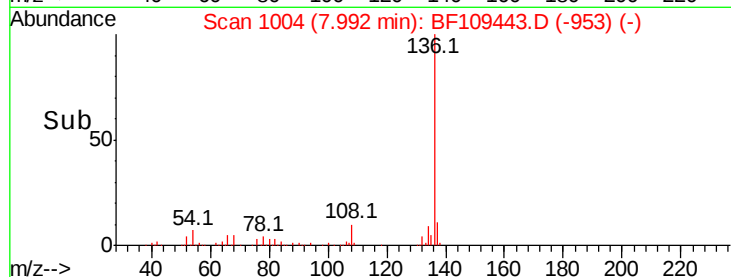


Abundance Ion 136.00 (135.70 to 136.70): E

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: 67.251 ng

RT: 7.27 min Scan# 881

Delta R.T. -0.01 min

Lab File: BF109443.D

Acq: 28 Sep 2018 21:10

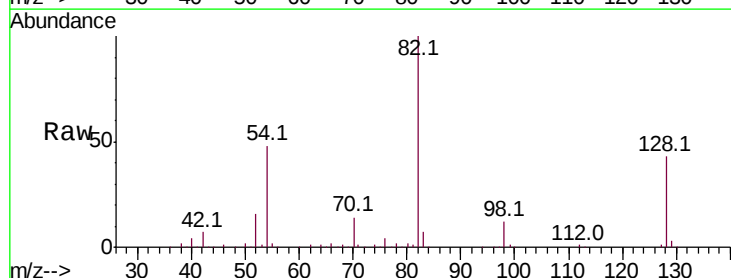
Tgt Ion: 82 Resp: 358614

Ion Ratio Lower Upper

82 100

128 43.1 36.1 54.1

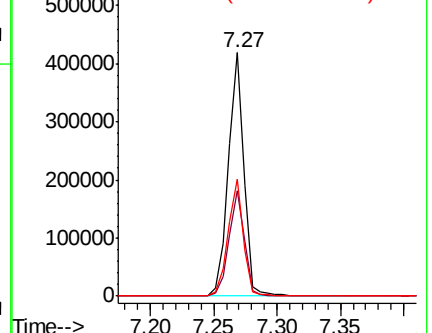
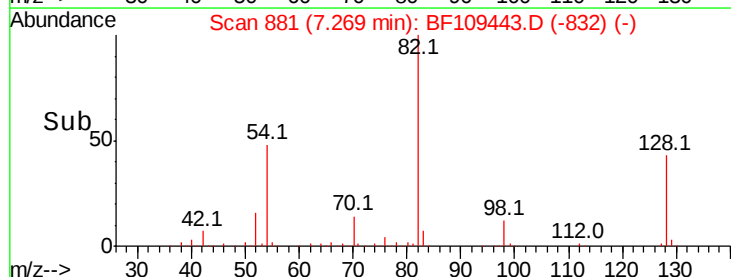
54 47.9 41.4 62.2

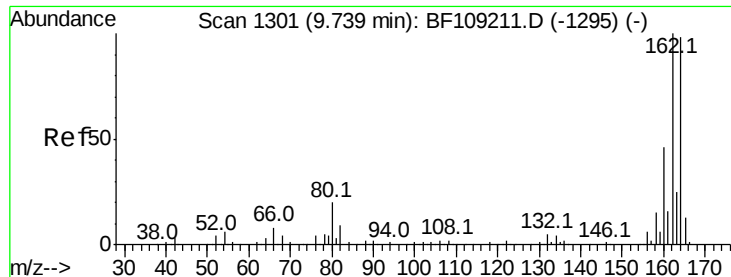


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

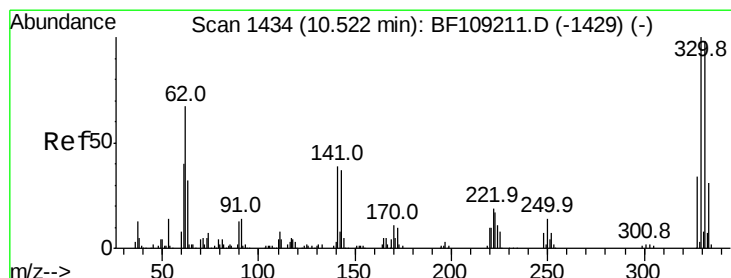
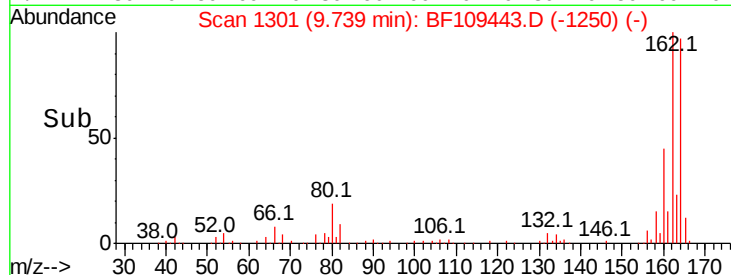
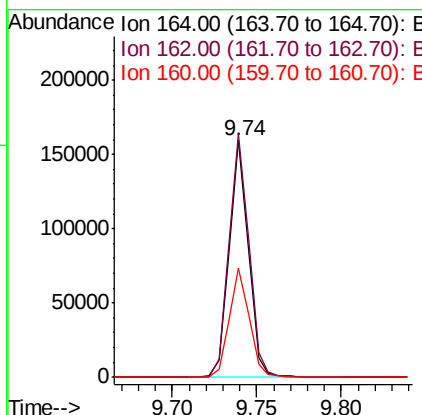
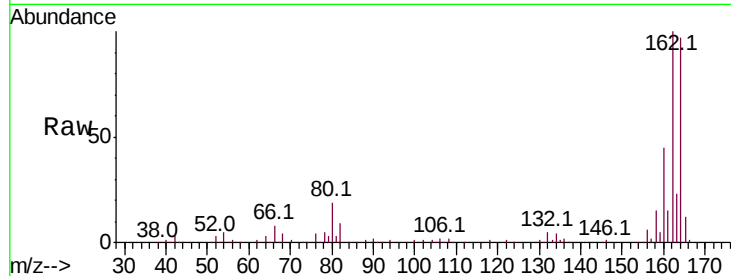




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.74 min Scan# 1301
 Delta R.T. -0.00 min
 Lab File: BF109443.D
 Acq: 28 Sep 2018 21:10

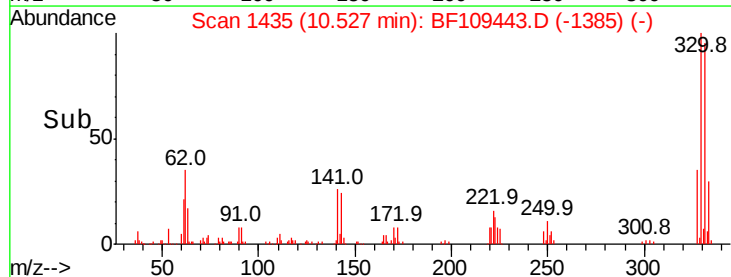
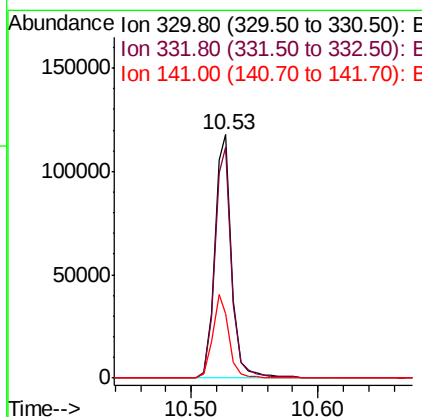
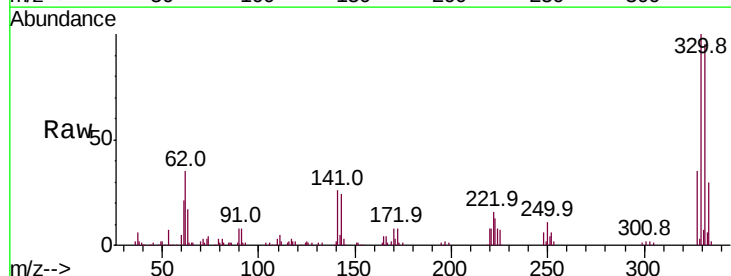
Instrument :
 BNA_F
 ClientSampleId :
 NB-08-092718

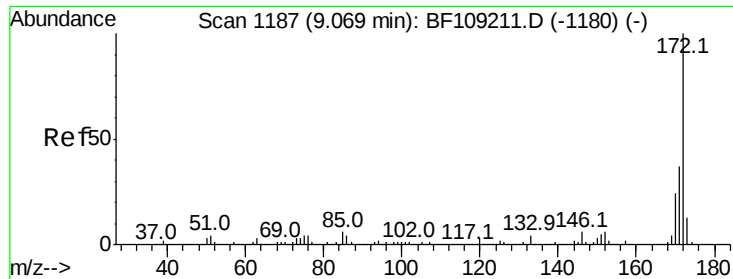
Tot Ion	Ratio	Lower	Upper
164	100		
162	102.8	86.1	129.1
160	46.1	38.3	57.5



#41
 2,4,6-Tribromophenol
 Concen: 90.158 ng
 RT: 10.53 min Scan# 1435
 Delta R.T. -0.01 min
 Lab File: BF109443.D
 Acq: 28 Sep 2018 21:10

Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.6	77.0	115.6
141	33.0	29.9	44.9

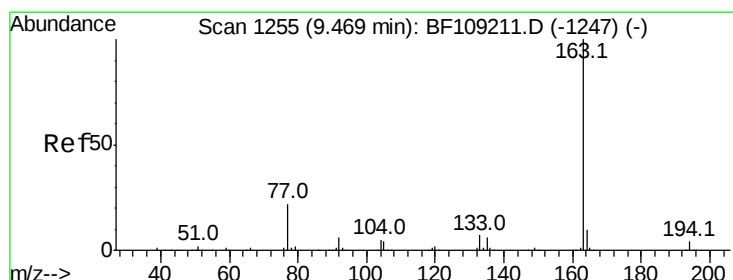
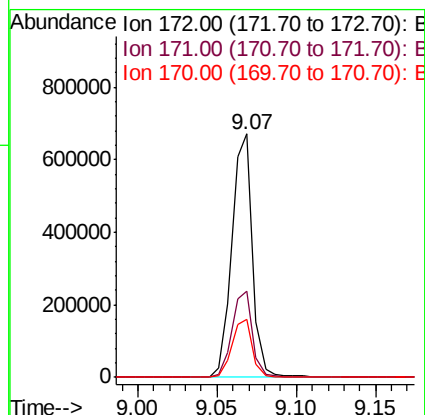
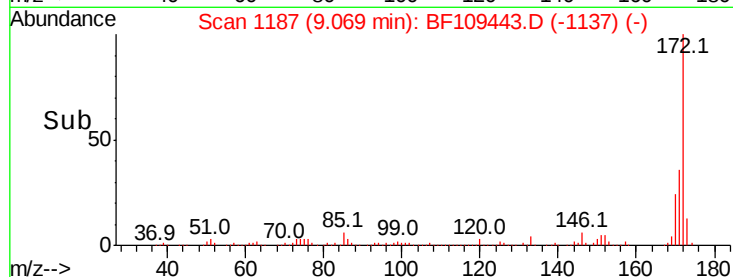
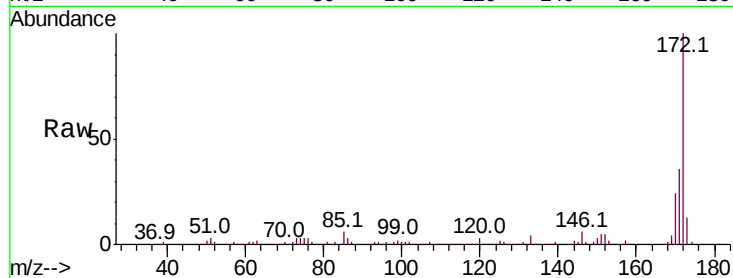




#44
 2-Fluorobiphenyl
 Concen: 72.909 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF109443.D
 Acq: 28 Sep 2018 21:10

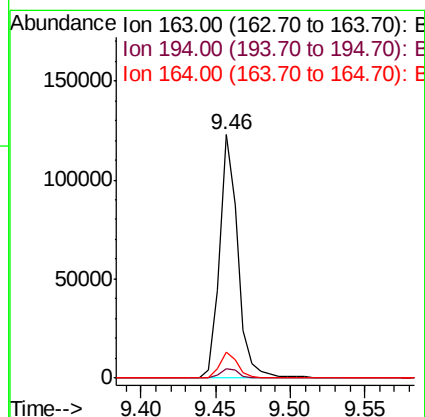
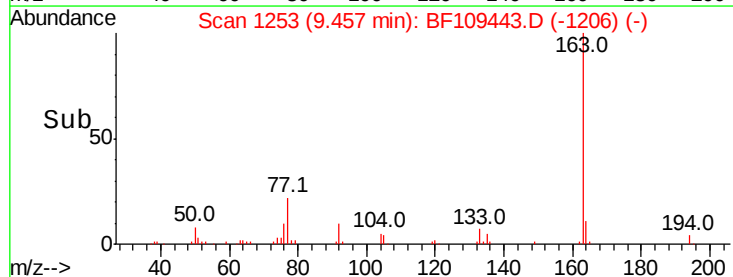
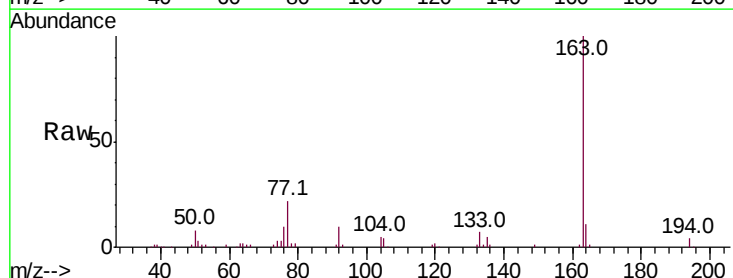
Instrument :
 BNA_F
 ClientSampleId :
 NB-08-092718

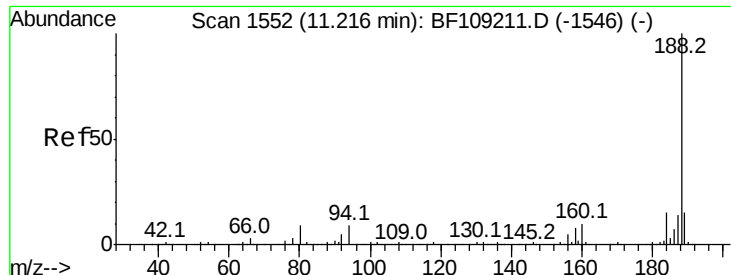
Tot Ion:172 Resp: 604533
 Ion Ratio Lower Upper
 172 100
 171 35.5 29.7 44.5
 170 23.6 19.6 29.4



#49
 Dimethylphthalate
 Concen: 11.578 ng
 RT: 9.46 min Scan# 1253
 Delta R.T. -0.02 min
 Lab File: BF109443.D
 Acq: 28 Sep 2018 21:10

Tgt Ion:163 Resp: 105311
 Ion Ratio Lower Upper
 163 100
 194 3.7 2.7 4.1
 164 10.7 8.2 12.2

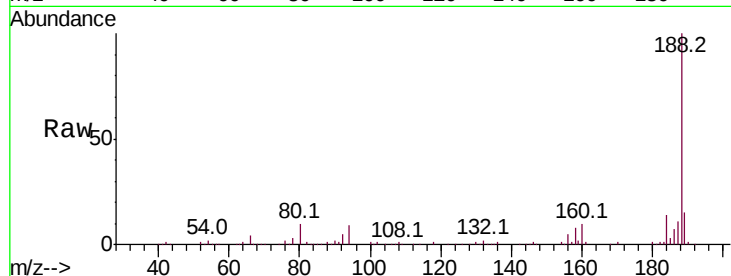




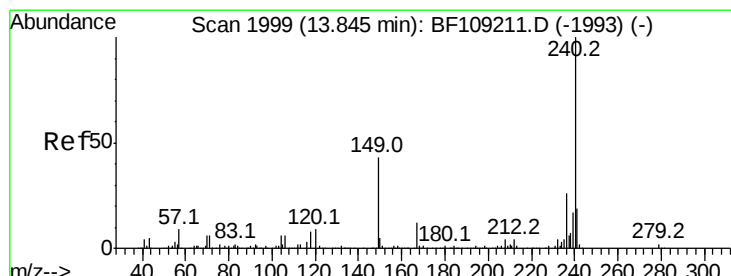
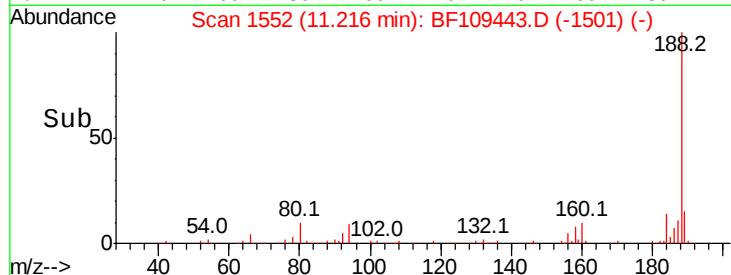
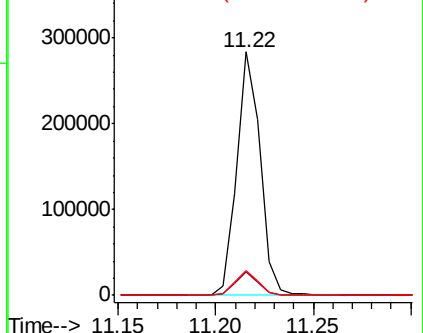
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1552
Delta R.T. -0.00 min
Lab File: BF109443.D
Acq: 28 Sep 2018 21:10

Instrument :
BNA_F
ClientSampleId :
NB-08-092718

Tot Ion	Ratio	Lower	Upper
188	100		
94	9.5	8.5	12.7
80	10.1	9.2	13.8

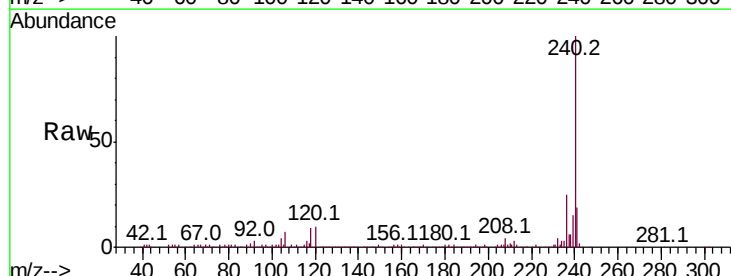


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

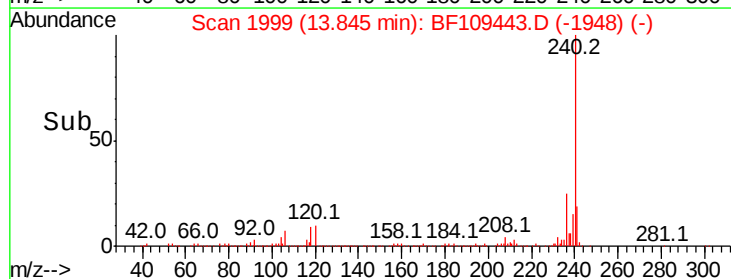
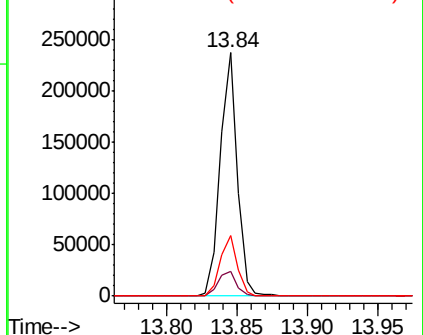


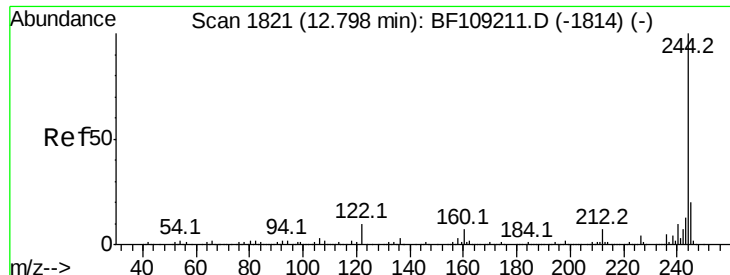
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.84 min Scan# 1999
Delta R.T. -0.00 min
Lab File: BF109443.D
Acq: 28 Sep 2018 21:10

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.0	9.5	14.3
236	24.7	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: 73.005 ng

RT: 12.80 min Scan# 1821

Delta R.T. -0.01 min

Lab File: BF109443.D

Acq: 28 Sep 2018 21:10

Instrument :

BNA_F

ClientSampleId :

NB-08-092718

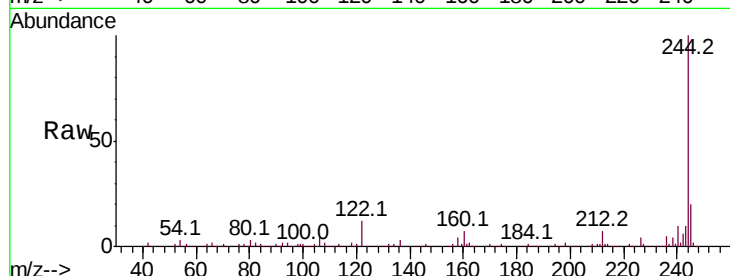
Tot Ion:244 Resp: 593593

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

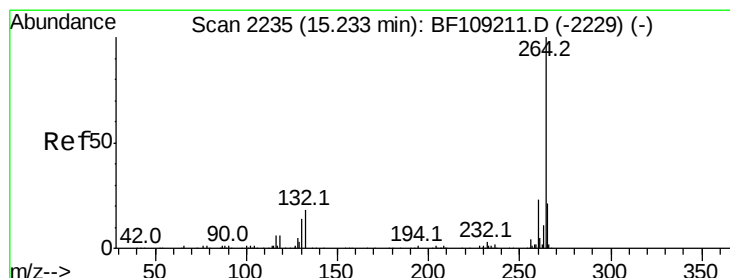
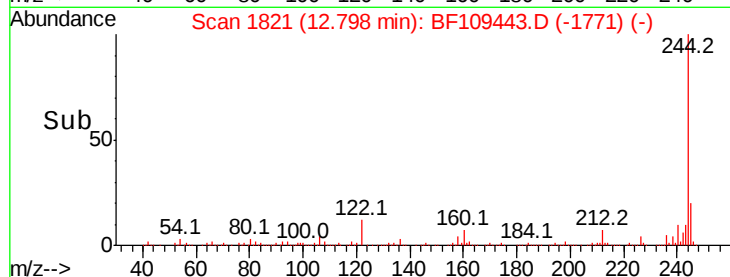
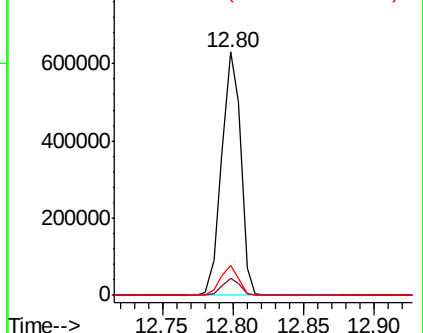
122 12.2 11.0 16.4



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# 2237

Delta R.T. 0.01 min

Lab File: BF109443.D

Acq: 28 Sep 2018 21:10

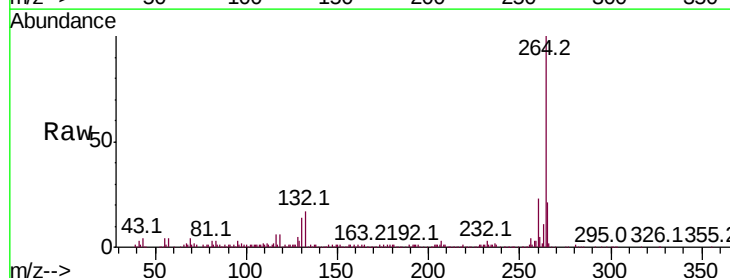
Tgt Ion:264 Resp: 150059

Ion Ratio Lower Upper

264 100

260 23.0 19.2 28.8

265 21.2 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

