

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030817\
 Data File : BF093439.D
 Acq On : 8 Mar 2017 20:12
 Operator : SJ/MA
 Sample : I2137-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 38D-9-11

Quant Time: Mar 09 00:12:40 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 07 15:55:22 2017
 Response via : Initial Calibration

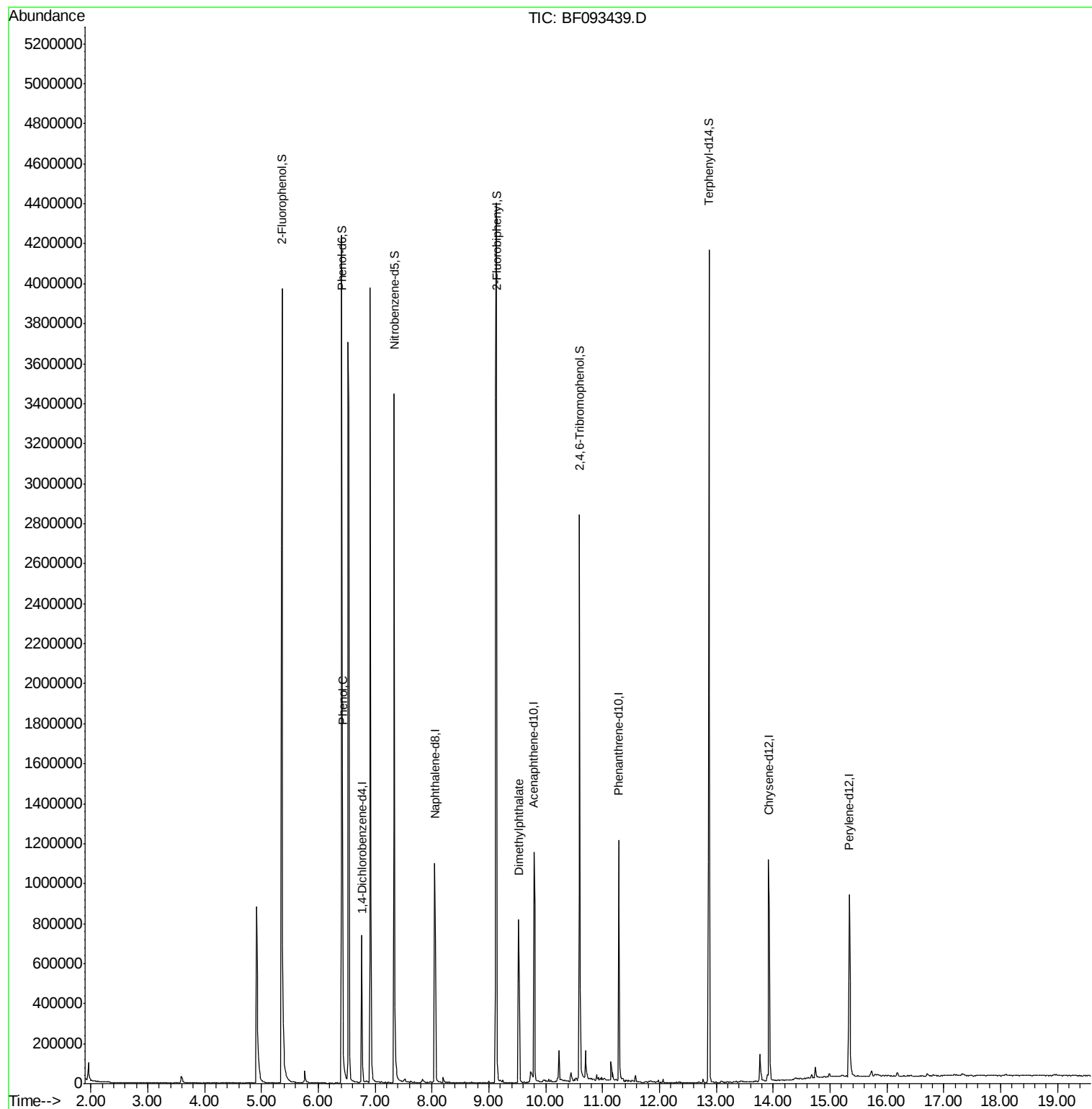
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	161488	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	645889	20.00	ng	-0.01
38) Acenaphthene-d10	9.80	164	304768	20.00	ng	-0.01
63) Phenanthrene-d10	11.28	188	583272	20.00	ng	0.00
75) Chrysene-d12	13.92	240	532294	20.00	ng	0.00
86) Perylene-d12	15.34	264	429882	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	1552390	159.99	ng	0.01
7) Phenol-d6	6.41	99	1776011	145.15	ng	0.00
23) Nitrobenzene-d5	7.34	82	1258818	108.14	ng	0.00
41) 2,4,6-Tribromophenol	10.60	330	328419	165.40	ng	0.00
44) 2-Fluorobiphenyl	9.13	172	1978410	120.74	ng	0.00
78) Terphenyl-d14	12.87	244	1628129	79.52	ng	0.00
Target Compounds						
10) Phenol	6.42	94	47675	3.18	ng	Qvalue # 73
49) Dimethylphthalate	9.52	163	421872	20.88	ng	98

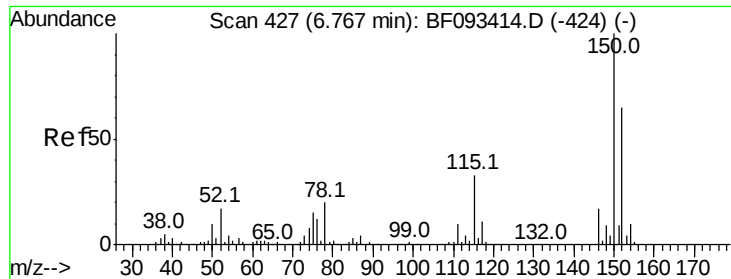
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.77 min Scan# 427

Delta R.T. -0.00 min

Lab File: BF093439.D

Acq: 8 Mar 2017 20:12

Instrument :

BNA_F

ClientSampleId :

38D-9-11

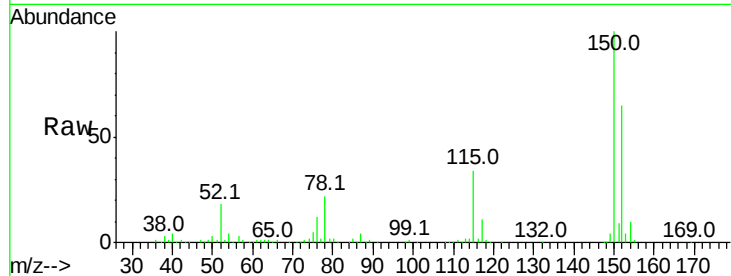
Tot Ion:152 Resp: 161488

Ion Ratio Lower Upper

152 100

150 153.8 124.9 187.3

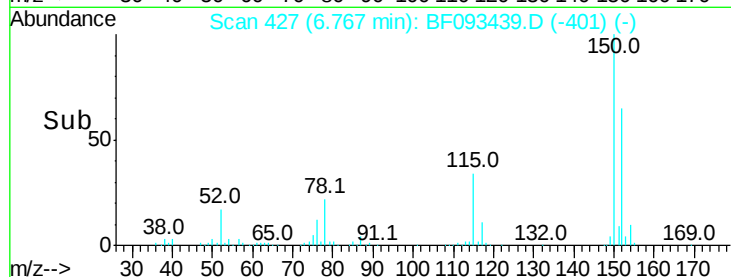
115 52.8 46.0 69.0



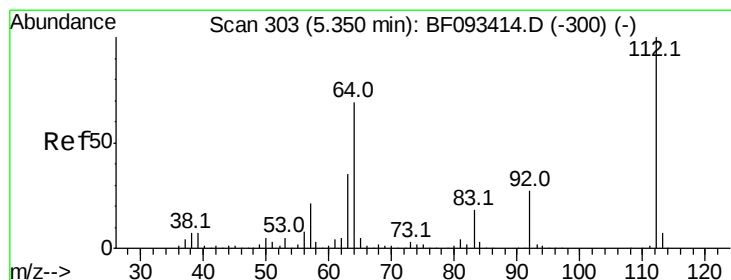
Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



Time-->



#5

2-Fluorophenol

Concen: 159.99 ng

RT: 5.36 min Scan# 304

Delta R.T. 0.01 min

Lab File: BF093439.D

Acq: 8 Mar 2017 20:12

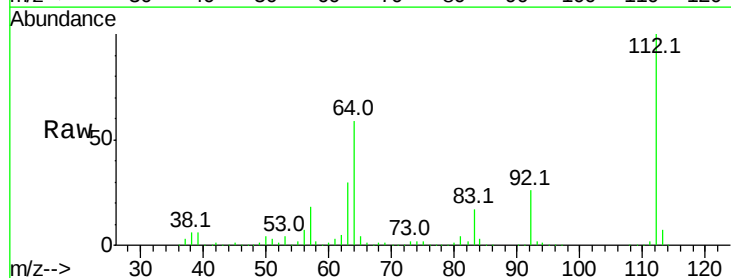
Tgt Ion:112 Resp: 1552390

Ion Ratio Lower Upper

112 100

64 58.7 46.1 69.1

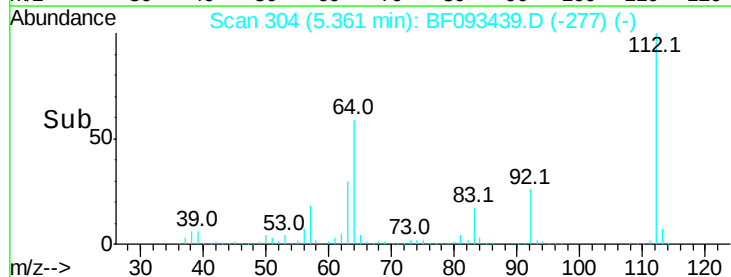
63 30.2 23.8 35.6



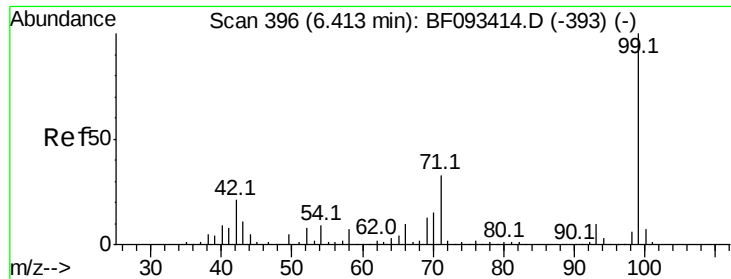
Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



Time-->



#7

Phenol-d6

Concen: 145.15 ng

RT: 6.41 min Scan# 396

Delta R.T. -0.00 min

Lab File: BF093439.D

Acq: 8 Mar 2017 20:12

Instrument :

BNA_F

ClientSampleId :

38D-9-11

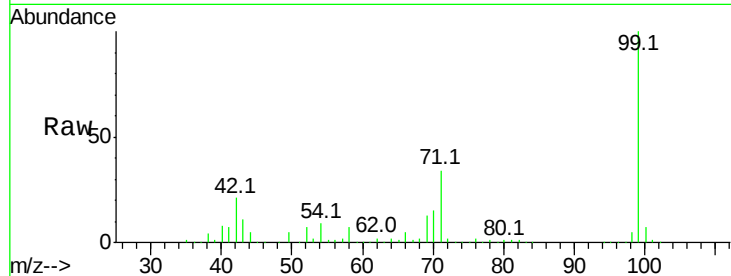
Tot Ion: 99 Resp: 1776011

Ion Ratio Lower Upper

99 100

42 21.3 15.6 23.4

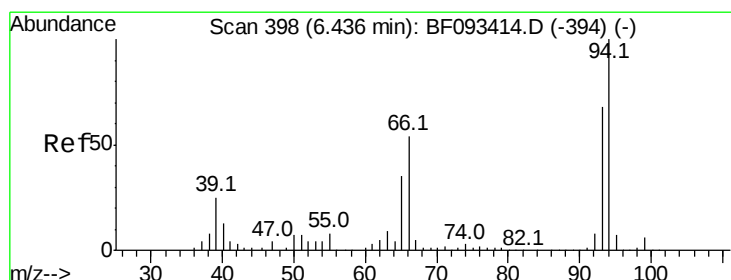
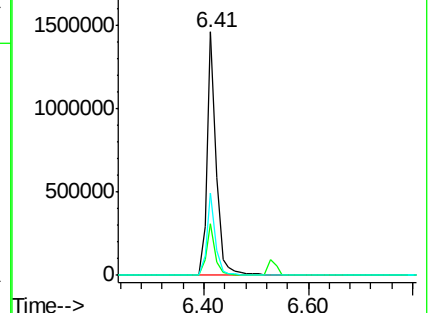
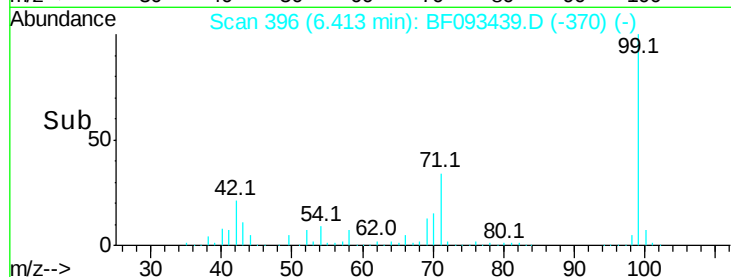
71 34.0 27.5 41.3



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#10

Phenol

Concen: 3.18 ng

RT: 6.42 min Scan# 397

Delta R.T. -0.01 min

Lab File: BF093439.D

Acq: 8 Mar 2017 20:12

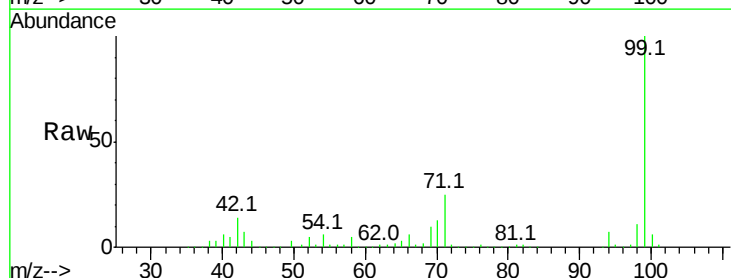
Tgt Ion: 94 Resp: 47675

Ion Ratio Lower Upper

94 100

65 43.0 21.4 61.4

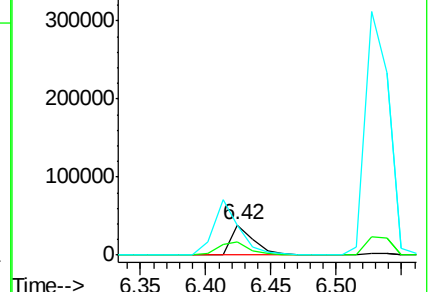
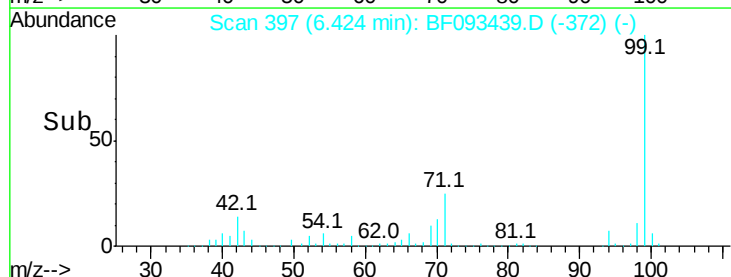
66 97.2 44.0 84.0#

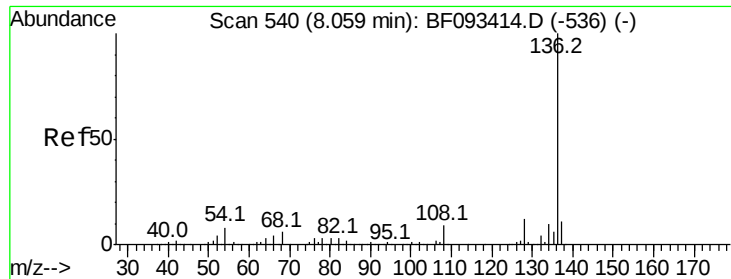


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

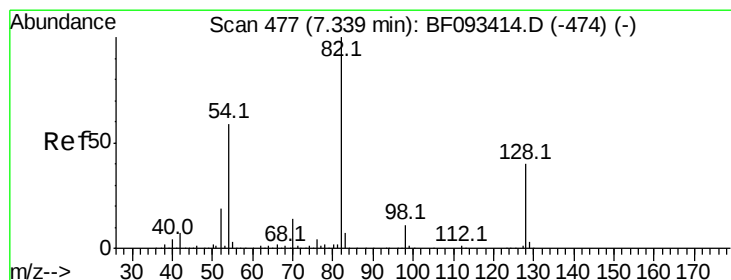
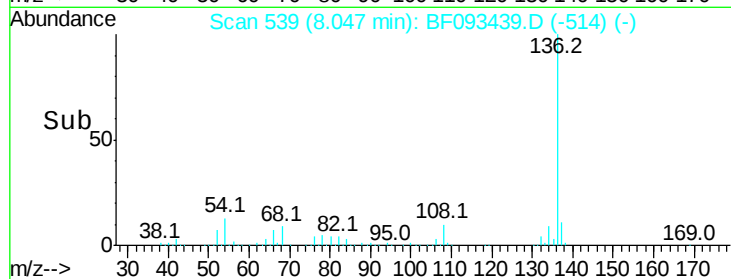
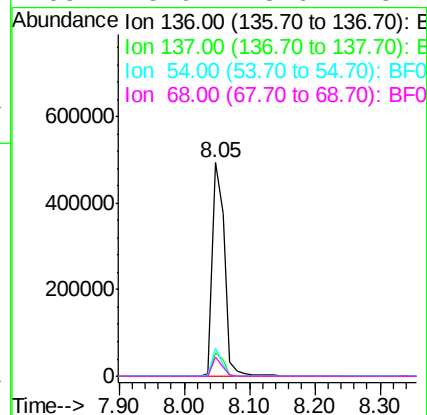
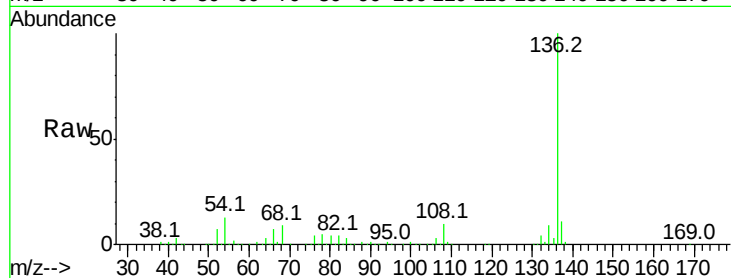




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.05 min Scan# 539
Delta R.T. -0.01 min
Lab File: BF093439.D
Acq: 8 Mar 2017 20:12

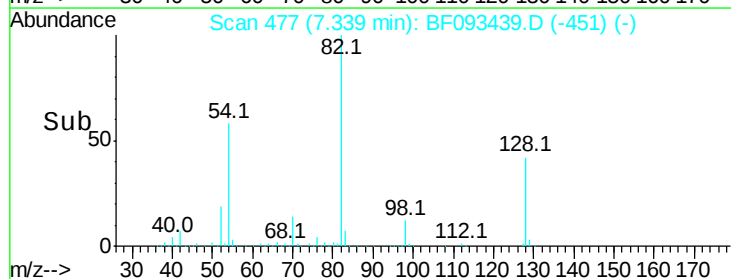
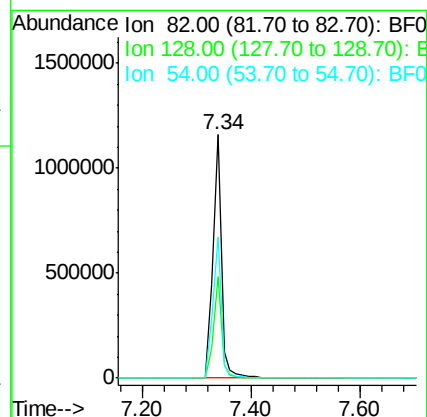
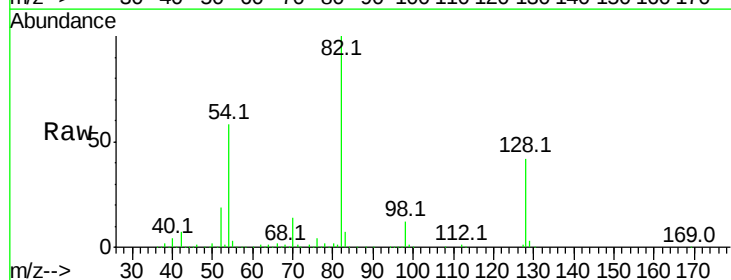
Instrument :
BNA_F
ClientSampleId :
38D-9-11

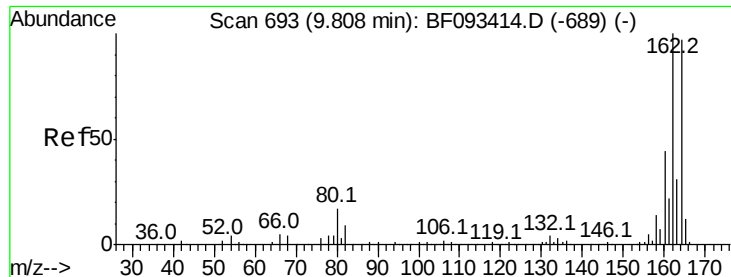
Tot Ion:136	Resp:	645889
Ion	Ratio	Lower Upper
136	100	
137	11.1	8.4 12.6
54	13.0	4.5 6.7#
68	8.9	3.6 5.4#



#23
Nitrobenzene-d5
Concen: 108.14 ng
RT: 7.34 min Scan# 477
Delta R.T. -0.00 min
Lab File: BF093439.D
Acq: 8 Mar 2017 20:12

Tgt Ion: 82	Resp:	1258818
Ion	Ratio	Lower Upper
82	100	
128	41.6	34.6 52.0
54	58.1	39.5 59.3

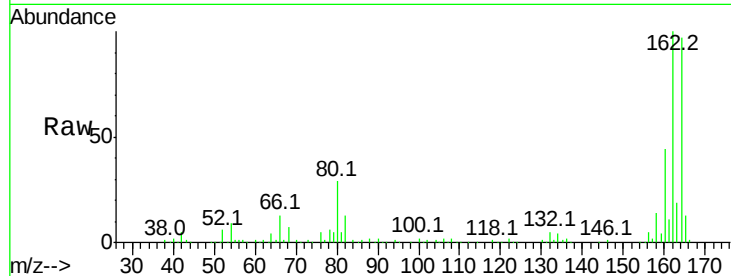




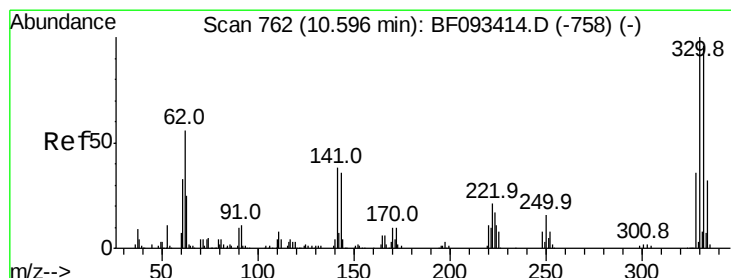
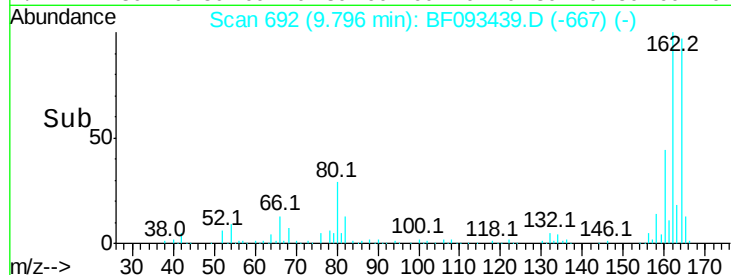
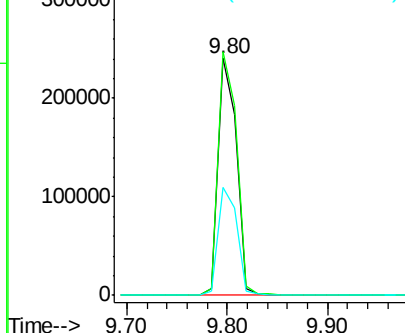
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.80 min Scan# 692
Delta R.T. -0.01 min
Lab File: BF093439.D
Acq: 8 Mar 2017 20:12

Instrument :
BNA_F
ClientSampleId :
38D-9-11

Tot Ion:164 Resp: 304768
Ion Ratio Lower Upper
164 100
162 102.7 80.2 120.2
160 45.3 36.9 55.3

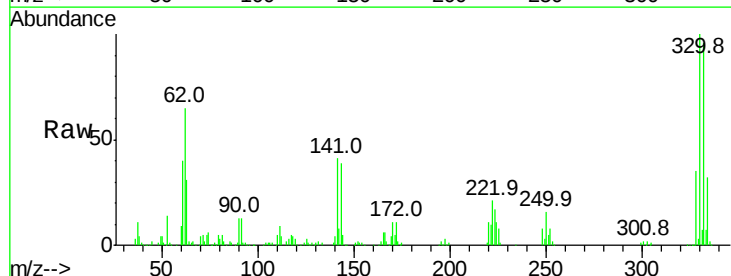


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

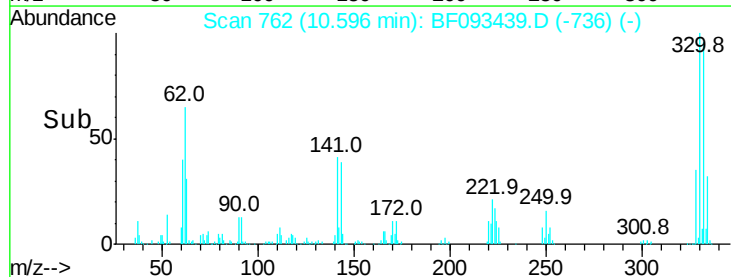
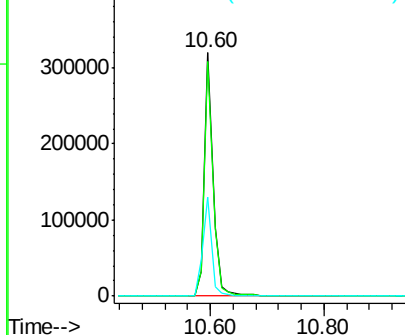


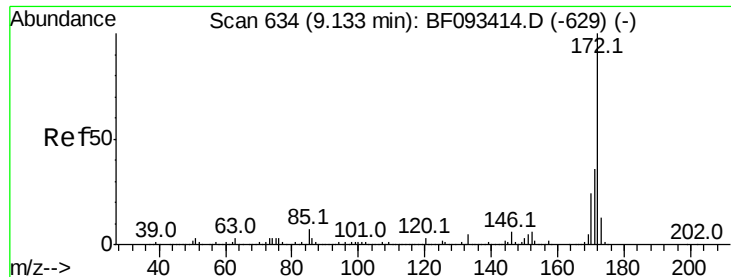
#41
2,4,6-Tribromophenol
Concen: 165.40 ng
RT: 10.60 min Scan# 762
Delta R.T. -0.00 min
Lab File: BF093439.D
Acq: 8 Mar 2017 20:12

Tgt Ion:330 Resp: 328419
Ion Ratio Lower Upper
330 100
332 96.7 77.4 116.2
141 42.6 34.1 51.1



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: 120.74 ng

RT: 9.13 min Scan# 634

Delta R.T. -0.00 min

Lab File: BF093439.D

Acq: 8 Mar 2017 20:12

Instrument :

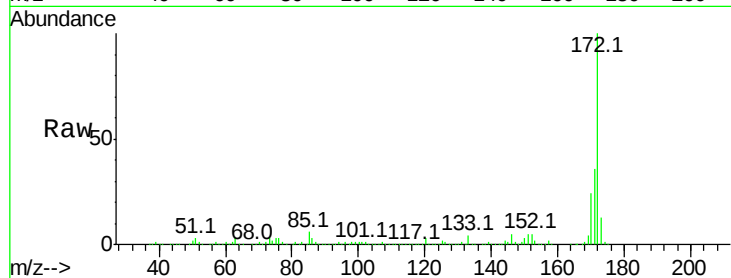
BNA_F

ClientSampleId :

38D-9-11

Tot Ion:172 Resp: 1978410

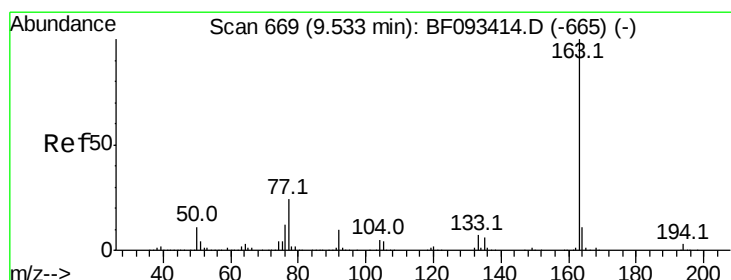
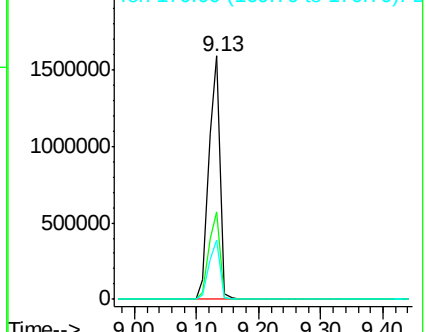
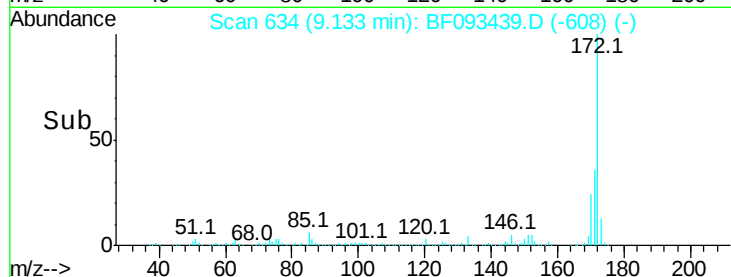
Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.4	44.0
170	24.2	20.2	30.4



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: 20.88 ng

RT: 9.52 min Scan# 668

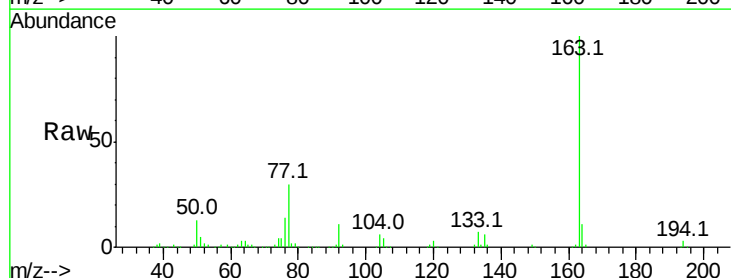
Delta R.T. -0.01 min

Lab File: BF093439.D

Acq: 8 Mar 2017 20:12

Tgt Ion:163 Resp: 421872

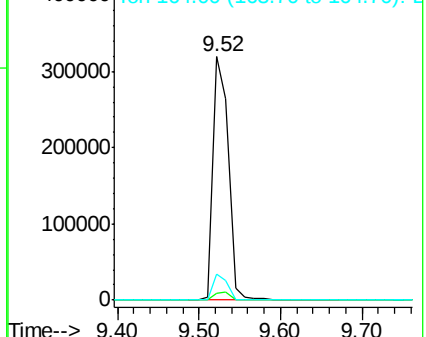
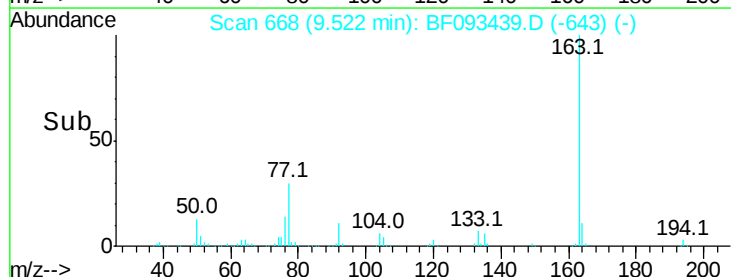
Ion	Ratio	Lower	Upper
163	100		
194	3.0	3.0	4.4
164	10.9	8.0	12.0

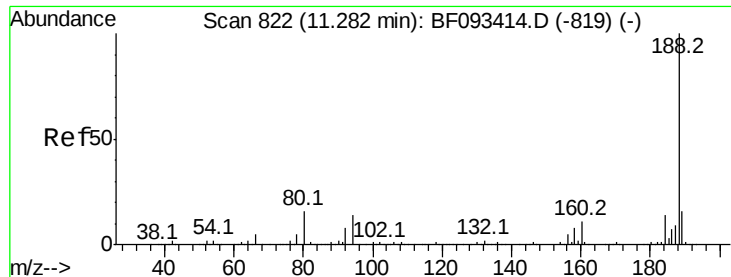


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

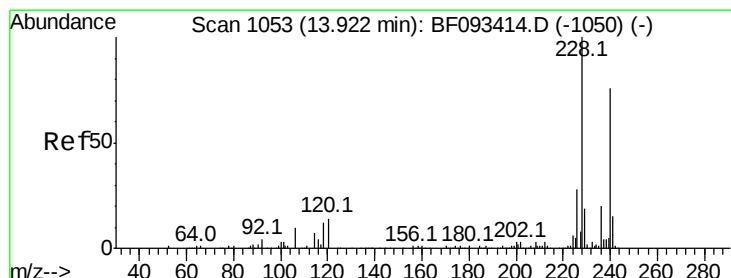
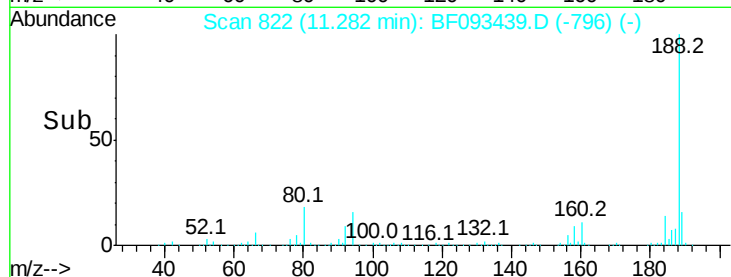
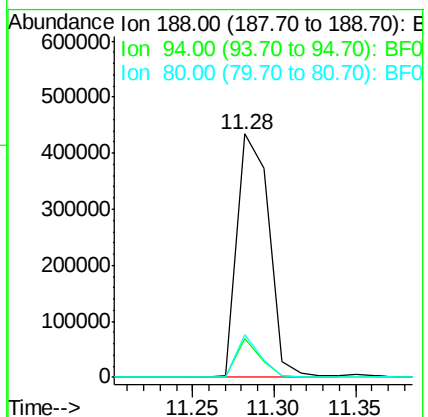
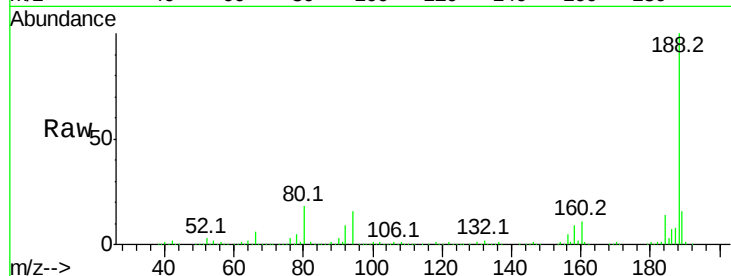




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.28 min Scan# 822
Delta R.T. -0.00 min
Lab File: BF093439.D
Acq: 8 Mar 2017 20:12

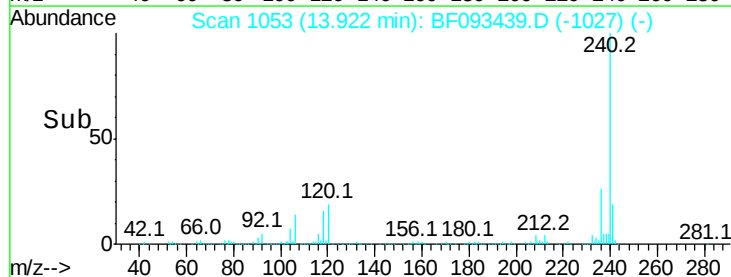
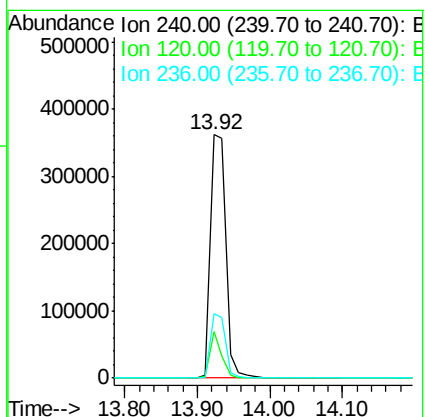
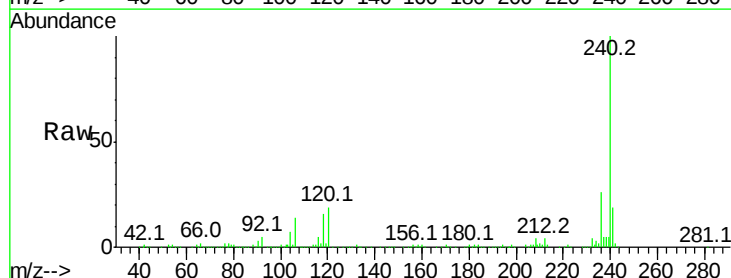
Instrument :
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38D-9-11

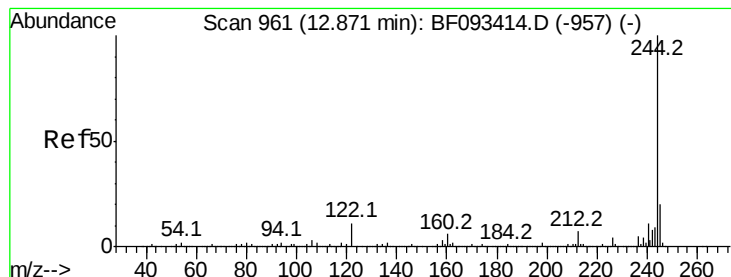
Tot Ion:188 Resp: 583272
Ion Ratio Lower Upper
188 100
94 15.9 10.0 15.0#
80 17.7 11.2 16.8#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.92 min Scan# 1053
Delta R.T. -0.00 min
Lab File: BF093439.D
Acq: 8 Mar 2017 20:12

Tgt Ion:240 Resp: 532294
Ion Ratio Lower Upper
240 100
120 19.2 12.9 19.3
236 26.4 20.9 31.3





#78

Terphenyl-d14

Concen: 79.52 ng

RT: 12.87 min Scan# 961

Delta R.T. -0.00 min

Lab File: BF093439.D

Acq: 8 Mar 2017 20:12

Instrument :

BNA_F

ClientSampleId :

38D-9-11

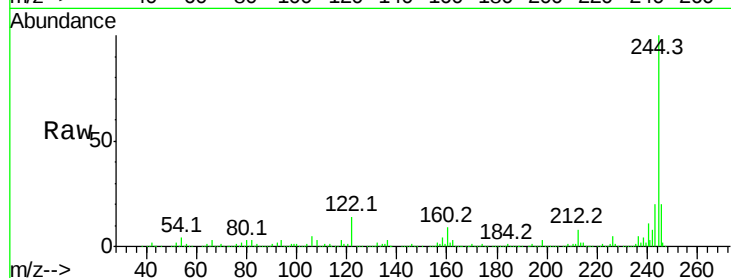
Tot Ion:244 Resp: 1628129

Ion Ratio Lower Upper

244 100

212 8.0 6.2 9.2

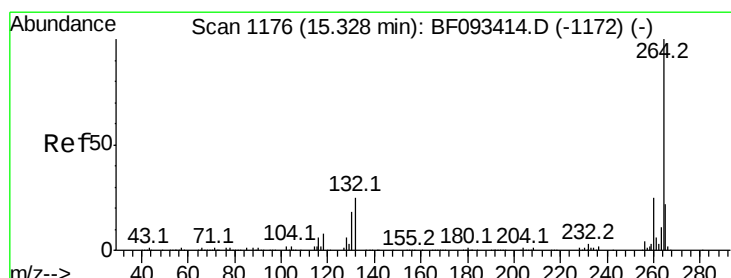
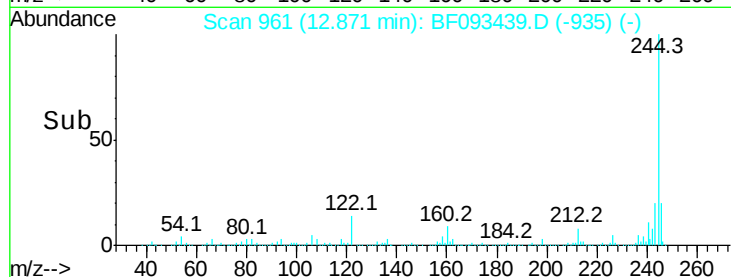
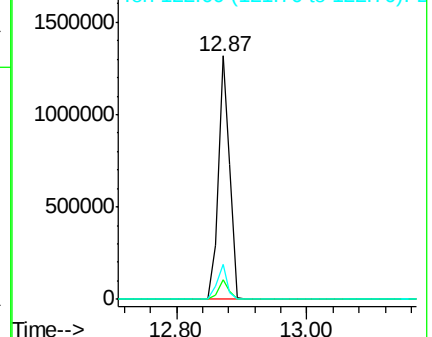
122 14.1 11.4 17.2



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: 20.00 ng

RT: 15.34 min Scan# 1177

Delta R.T. 0.01 min

Lab File: BF093439.D

Acq: 8 Mar 2017 20:12

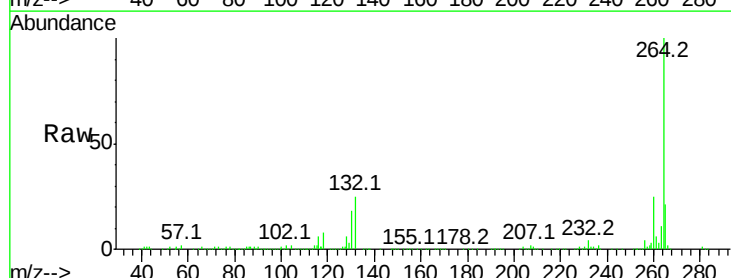
Tgt Ion:264 Resp: 429882

Ion Ratio Lower Upper

264 100

260 25.2 19.2 28.8

265 21.5 17.4 26.0



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

