

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070517\
 Data File : BF096495.D
 Acq On : 5 Jul 2017 20:23
 Operator : SJ/MA
 Sample : I4049-01
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RO-72-12000

Quant Time: Jul 06 02:24:38 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF070117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 05 13:27:10 2017
 Response via : Initial Calibration

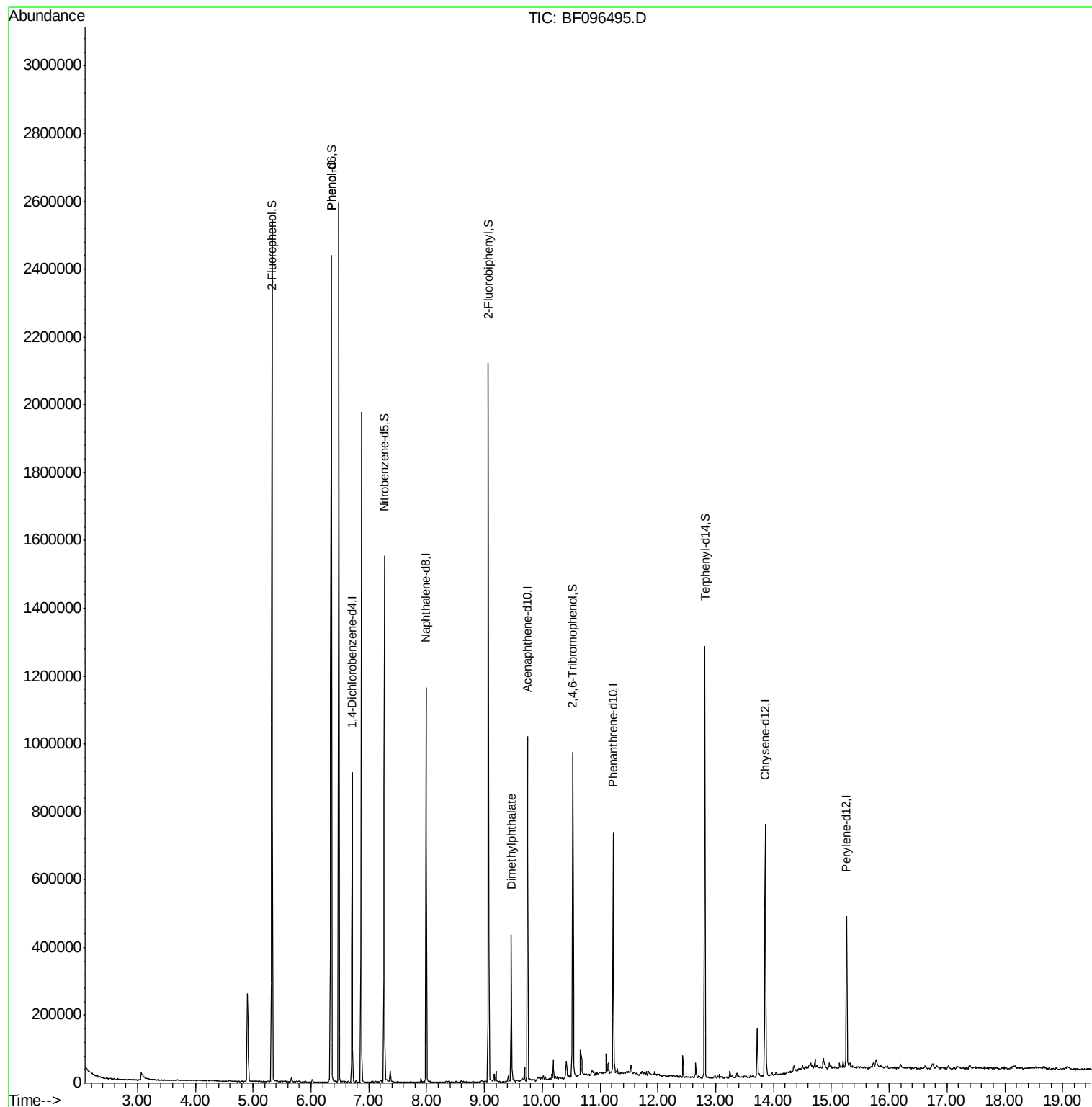
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	120398	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	484738	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	189485	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	245557	20.00	ng	0.00
75) Chrysene-d12	13.86	240	224100	20.00	ng	-0.01
86) Perylene-d12	15.27	264	193369	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	694185	85.10	ng	0.00
7) Phenol-d6	6.35	99	804738	80.25	ng	0.00
23) Nitrobenzene-d5	7.27	82	475019	58.89	ng	-0.01
41) 2,4,6-Tribromophenol	10.53	330	111510	75.34	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	703647	63.49	ng	0.00
78) Terphenyl-d14	12.81	244	362714	34.59	ng	0.00
Target Compounds						
10) Phenol	6.36	94	27212	2.38	ng	82
49) Dimethylphthalate	9.46	163	156340	11.05	ng	100

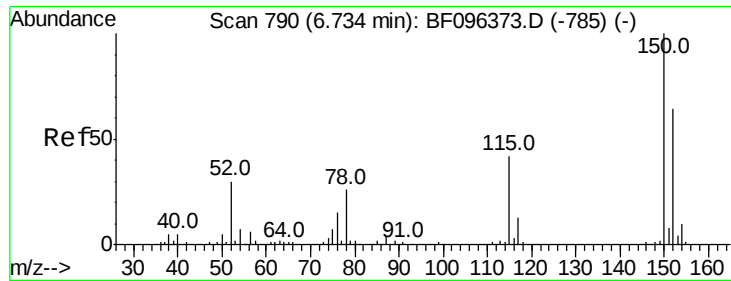
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.71 min Scan# 786

Delta R.T. -0.01 min

Lab File: BF096495.D

Acq: 5 Jul 2017 20:23

Instrument :

BNA_F

ClientSampleId :

RO-72-12000

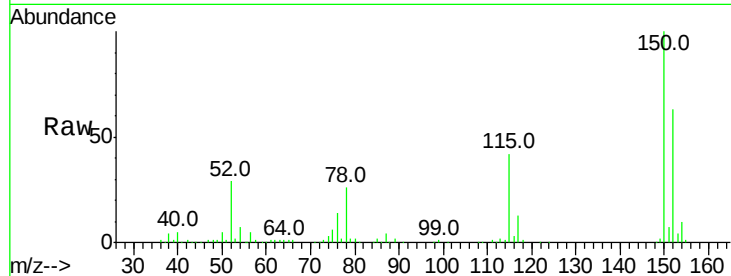
Tot Ion:152 Resp: 120398

Ion Ratio Lower Upper

152 100

150 157.8 126.2 189.2

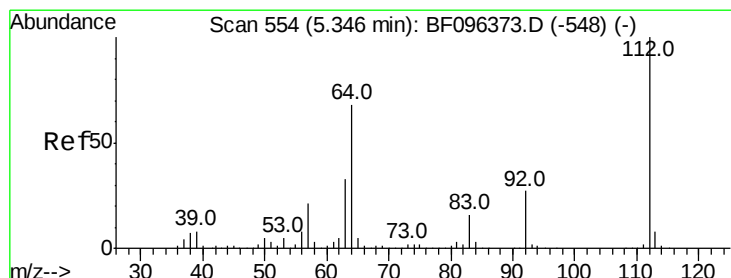
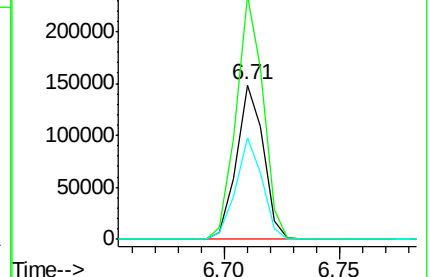
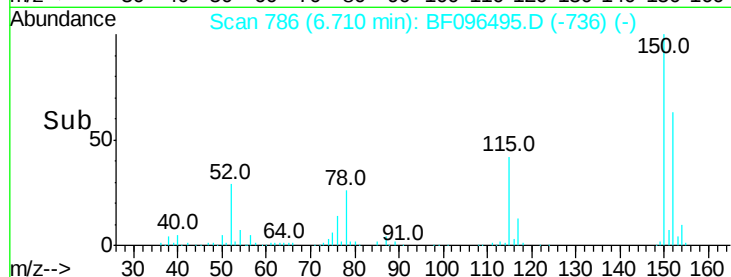
115 65.5 52.2 78.2



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: 85.10 ng

RT: 5.33 min Scan# 551

Delta R.T. 0.01 min

Lab File: BF096495.D

Acq: 5 Jul 2017 20:23

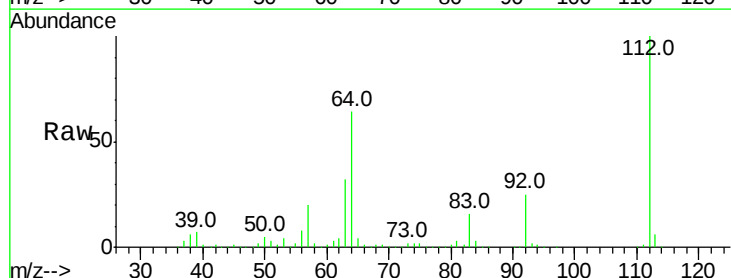
Tgt Ion:112 Resp: 694185

Ion Ratio Lower Upper

112 100

64 64.2 46.0 69.0

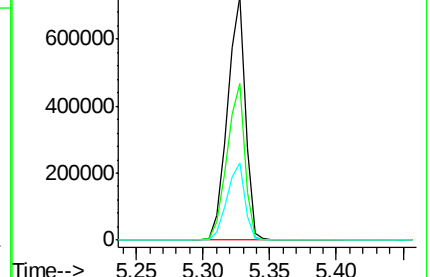
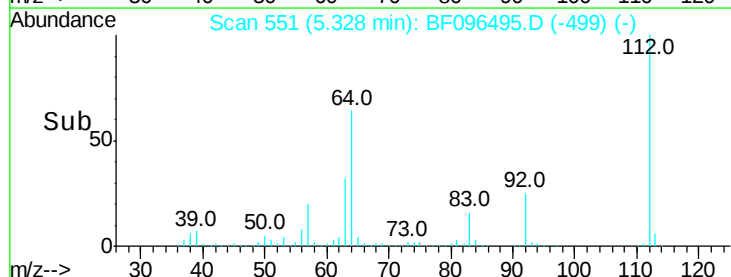
63 31.7 23.4 35.0

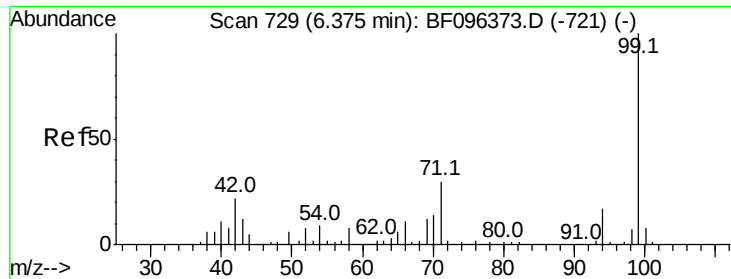


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 80.25 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF096495.D

Acq: 5 Jul 2017 20:23

Instrument :

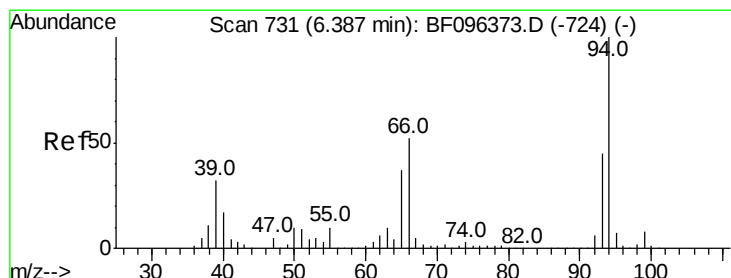
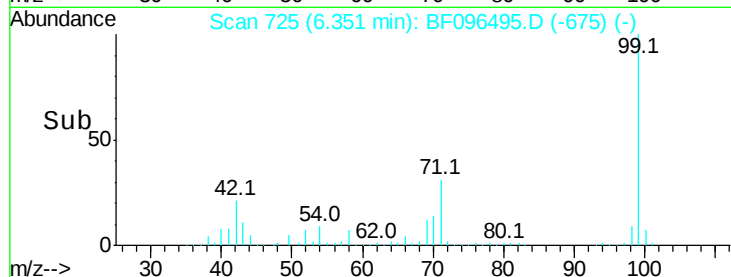
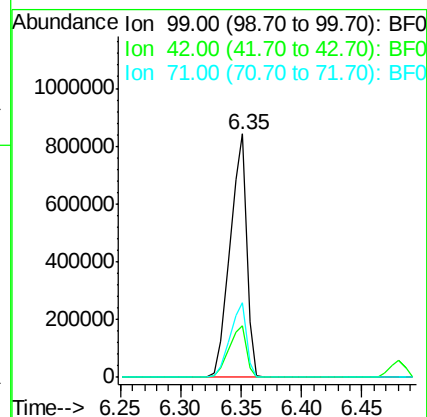
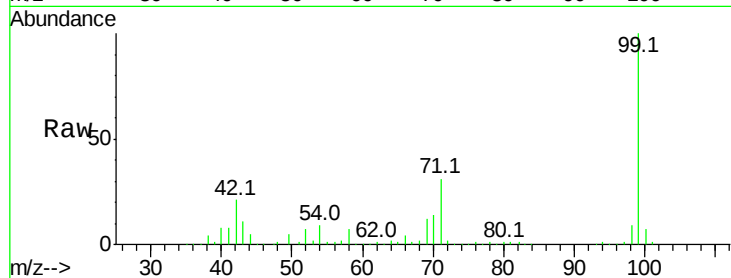
BNA_F

ClientSampled :

RO-72-12000

Tot Ion: 99 Resp: 804738

Ion	Ratio	Lower	Upper
99	100		
42	21.4	13.5	20.3#
71	30.7	24.5	36.7



#10

Phenol

Concen: 2.38 ng

RT: 6.36 min Scan# 726

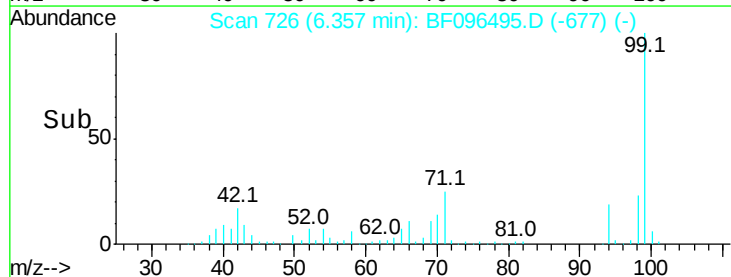
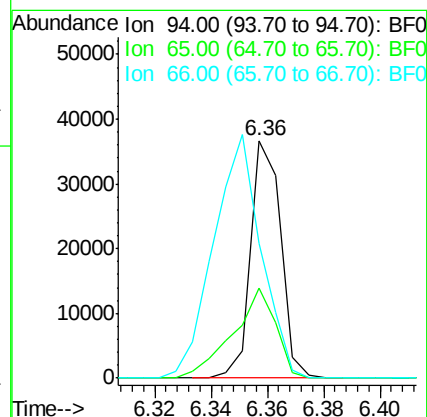
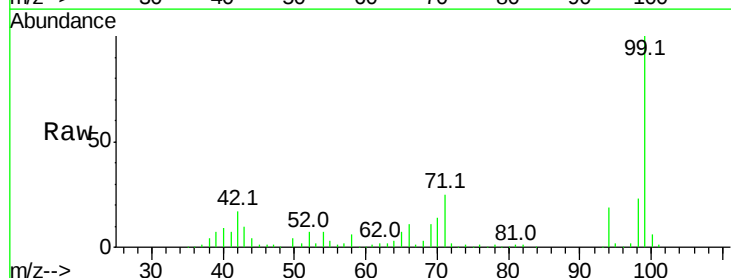
Delta R.T. -0.01 min

Lab File: BF096495.D

Acq: 5 Jul 2017 20:23

Tgt Ion: 94 Resp: 27212

Ion	Ratio	Lower	Upper
94	100		
65	37.7	9.9	49.9
66	56.7	23.1	63.1





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.99 min Scan# 1004

Delta R.T. -0.01 min

Lab File: BF096495.D

Acq: 5 Jul 2017 20:23

Instrument :

BNA_F

ClientSampleId :

RO-72-12000

Tot Ion:136 Resp: 484738

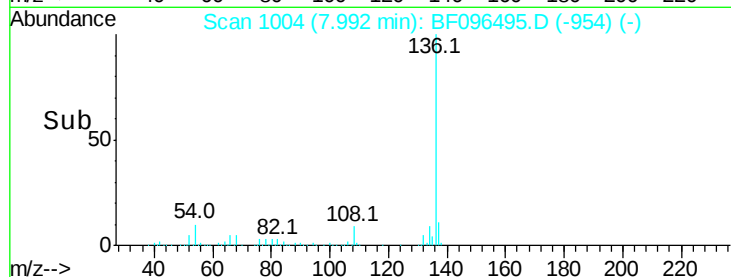
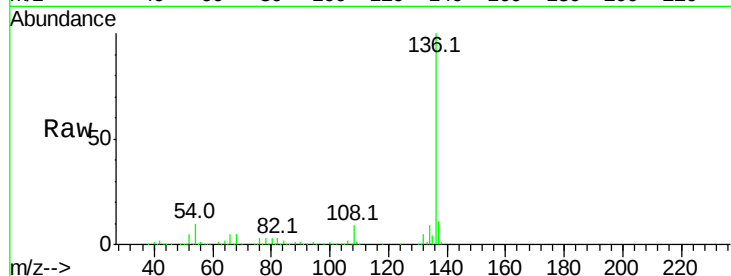
Ion Ratio Lower Upper

136 100

137 11.4 8.5 12.7

54 10.4 4.9 7.3#

68 5.2 4.1 6.1

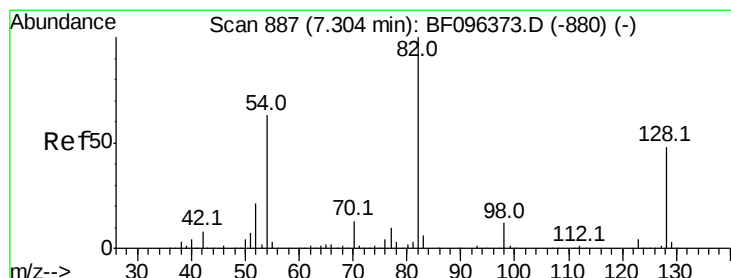
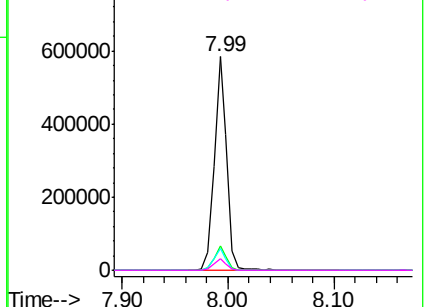


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#23

Nitrobenzene-d5

Concen: 58.89 ng

RT: 7.27 min Scan# 881

Delta R.T. -0.01 min

Lab File: BF096495.D

Acq: 5 Jul 2017 20:23

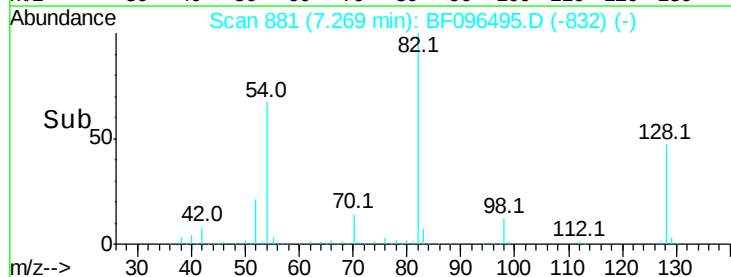
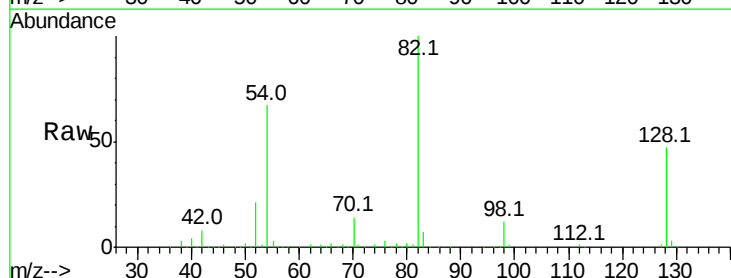
Tgt Ion: 82 Resp: 475019

Ion Ratio Lower Upper

82 100

128 47.0 34.0 51.0

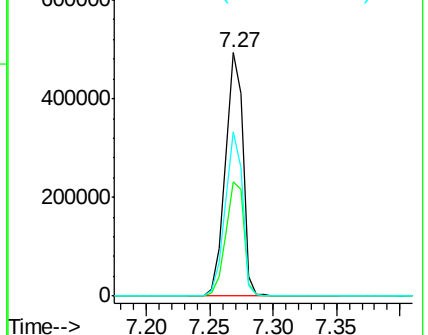
54 67.2 42.2 63.2#

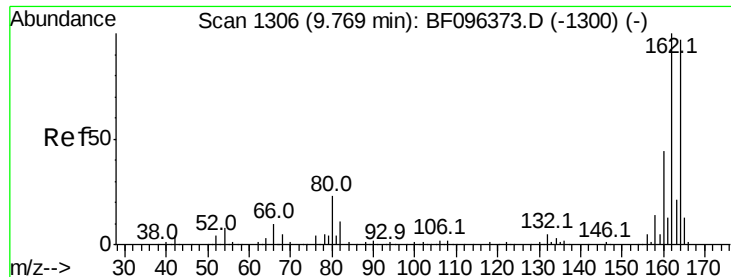


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

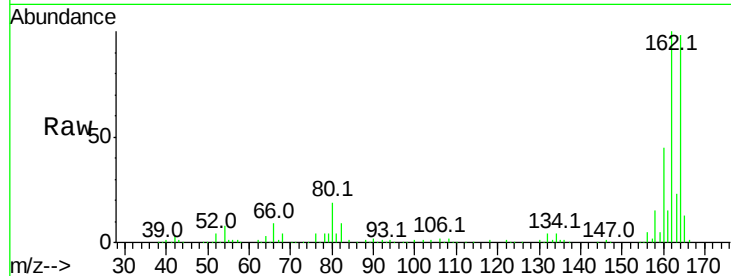




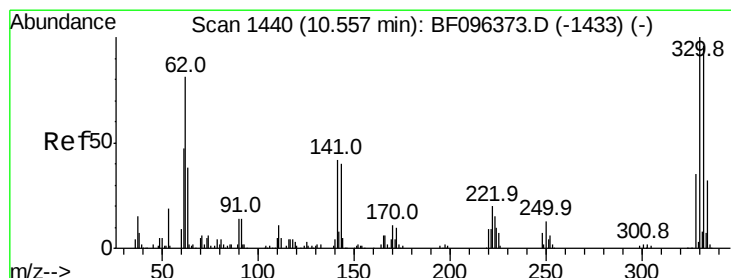
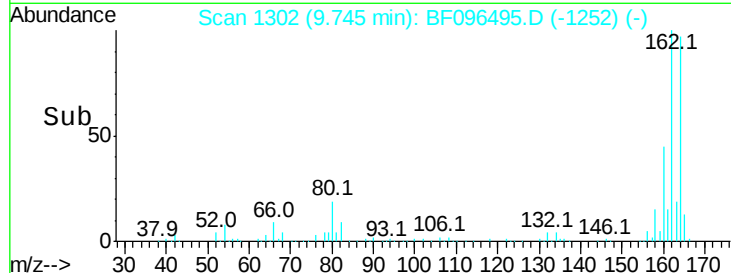
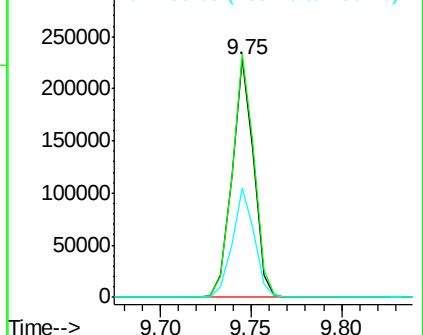
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.75 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BF096495.D
Acq: 5 Jul 2017 20:23

Instrument :
BNA_F
ClientSampleId :
RO-72-12000

Tot Ion:164 Resp: 189485
Ion Ratio Lower Upper
164 100
162 102.2 82.6 123.8
160 45.9 36.2 54.2

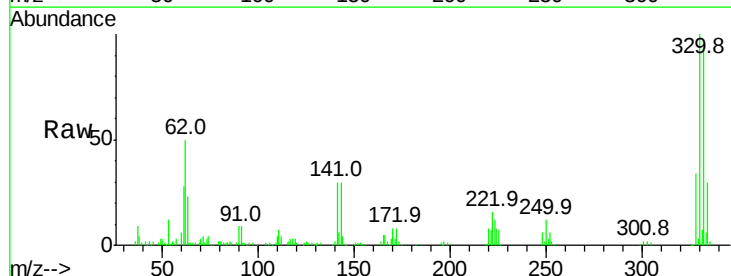


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

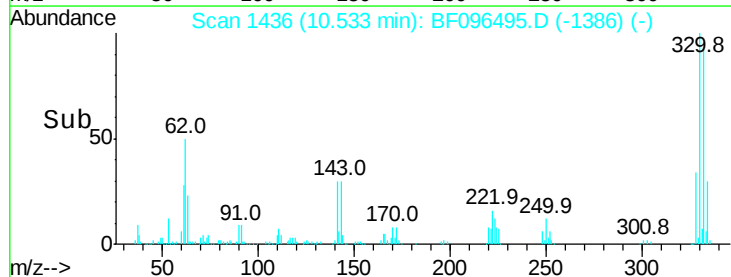
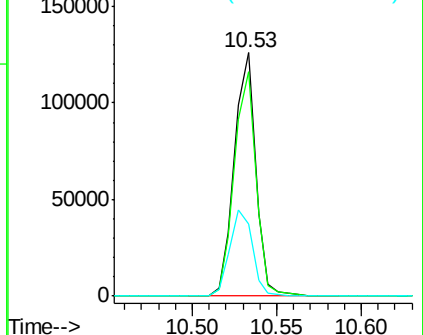


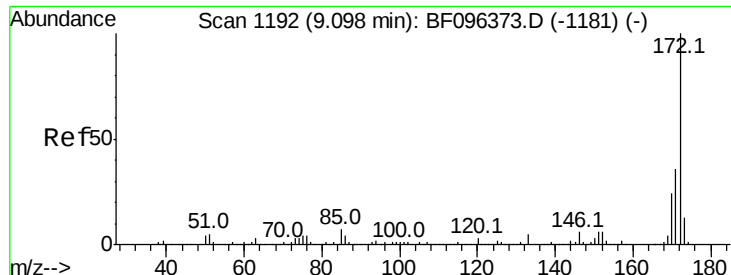
#41
2,4,6-Tribromophenol
Concen: 75.34 ng
RT: 10.53 min Scan# 1436
Delta R.T. -0.01 min
Lab File: BF096495.D
Acq: 5 Jul 2017 20:23

Tgt Ion:330 Resp: 111510
Ion Ratio Lower Upper
330 100
332 93.8 76.6 115.0
141 37.8 31.4 47.2



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

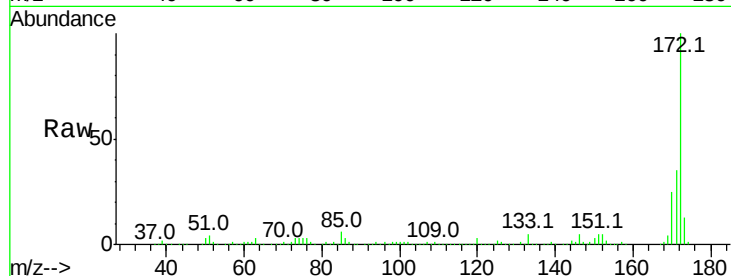




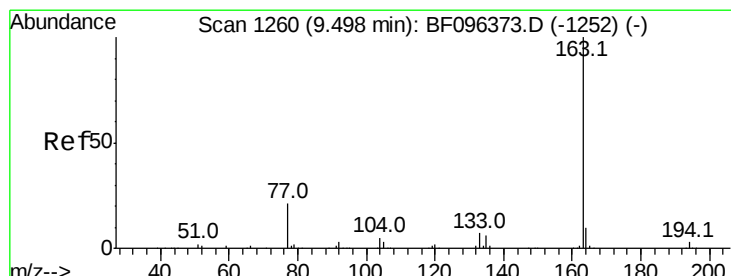
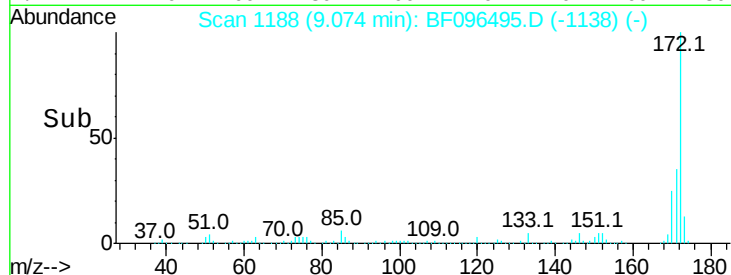
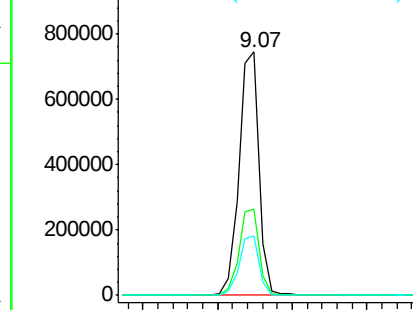
#44
 2-Fluorobiphenyl
 Concen: 63.49 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. -0.01 min
 Lab File: BF096495.D
 Acq: 5 Jul 2017 20:23

Instrument :
 BNA_F
 ClientSampleId :
 RO-72-12000

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.6	44.4
170	24.6	19.8	29.8

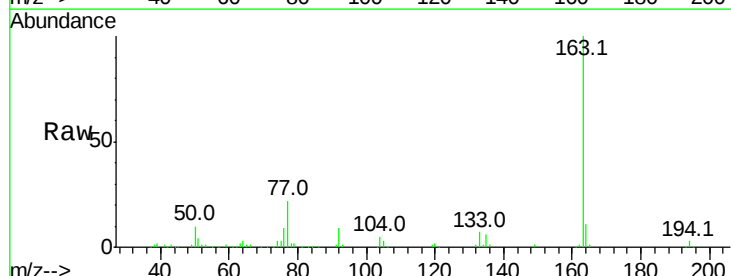


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

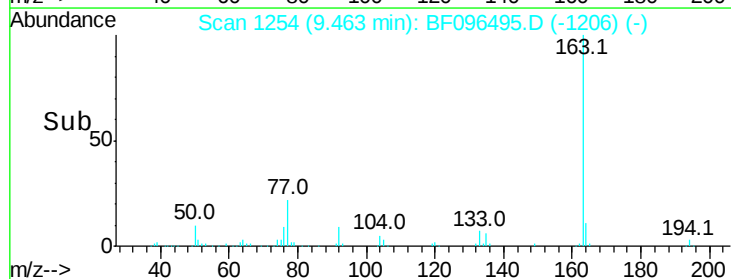
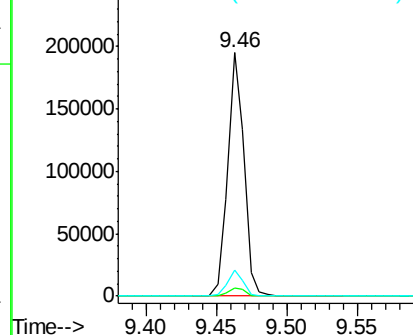


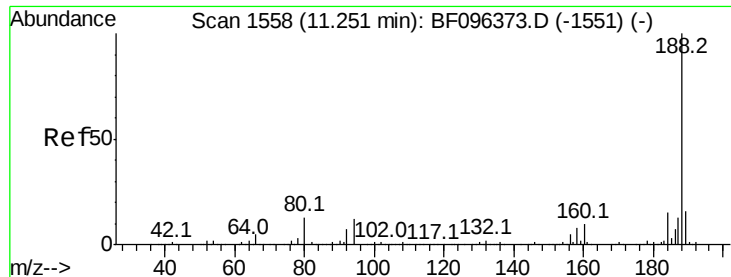
#49
 Dimethylphthalate
 Concen: 11.05 ng
 RT: 9.46 min Scan# 1254
 Delta R.T. -0.02 min
 Lab File: BF096495.D
 Acq: 5 Jul 2017 20:23

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.6	4.0
164	10.5	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

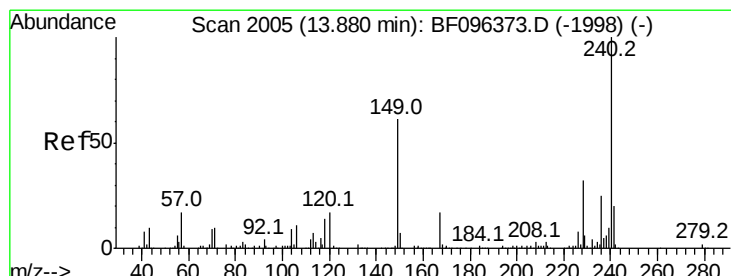
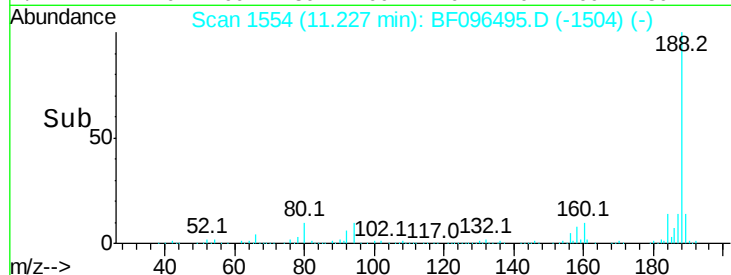
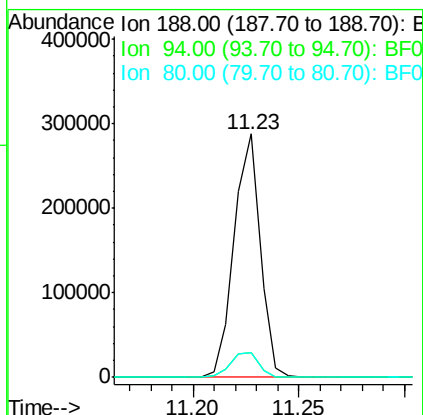
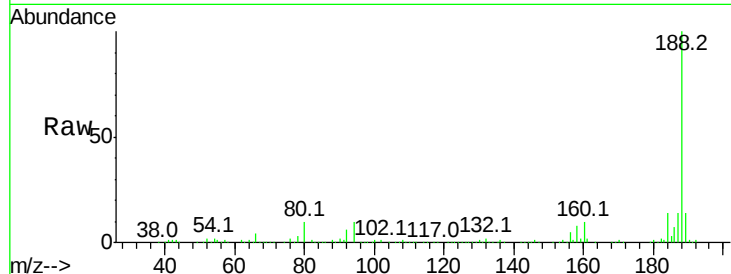




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.23 min Scan# 1554
Delta R.T. -0.01 min
Lab File: BF096495.D
Acq: 5 Jul 2017 20:23

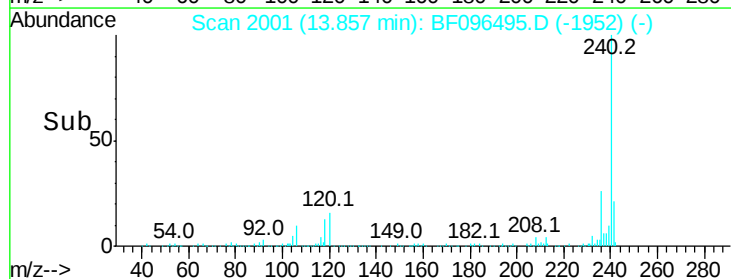
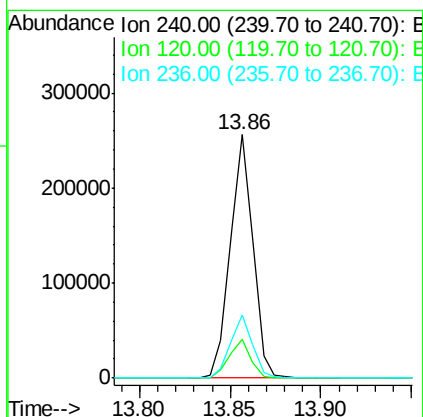
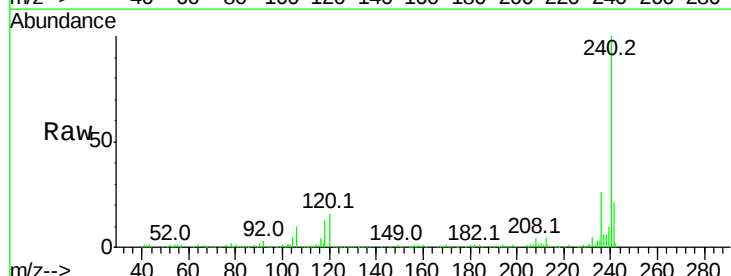
Instrument :
BNA_F
ClientSampleId :
RO-72-12000

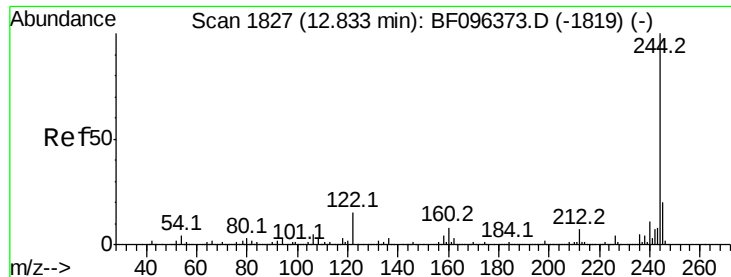
Tot Ion	Ratio	Lower	Upper
188	100		
94	10.3	9.4	14.2
80	10.3	10.2	15.2



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.86 min Scan# 2001
Delta R.T. -0.01 min
Lab File: BF096495.D
Acq: 5 Jul 2017 20:23

Tgt Ion	Ratio	Lower	Upper
240	100		
120	15.9	5.8	8.8#
236	26.2	20.5	30.7





#78

Terphenyl-d14

Concen: 34.59 ng

RT: 12.81 min Scan# 1823

Delta R.T. -0.01 min

Lab File: BF096495.D

Acq: 5 Jul 2017 20:23

Instrument :

BNA_F

ClientSampleId :

RO-72-12000

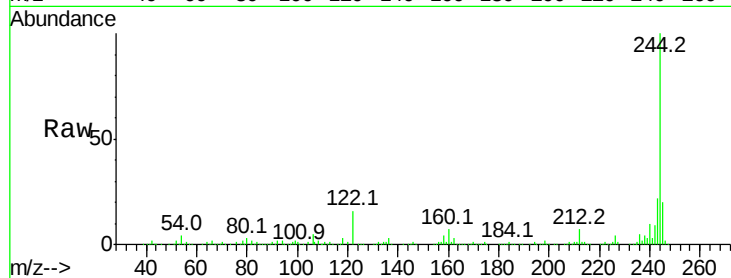
Tot Ion:244 Resp: 362714

Ion Ratio Lower Upper

244 100

212 6.8 6.0 9.0

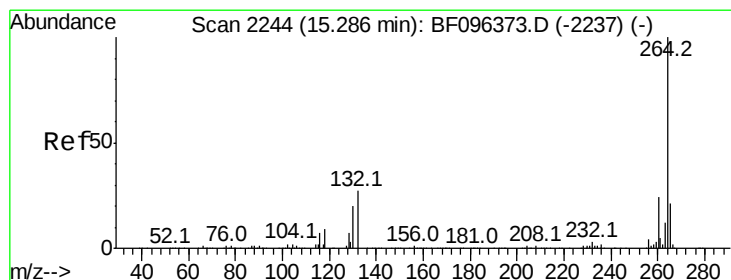
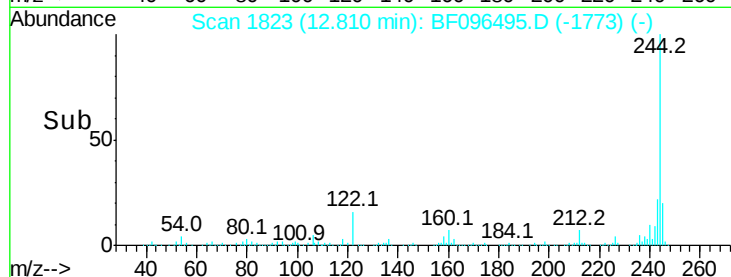
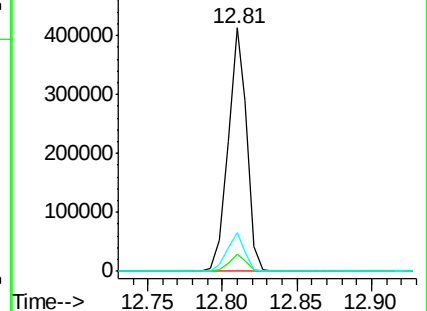
122 15.7 10.3 15.5#



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: 15.27 min Scan# 2241

Delta R.T. -0.01 min

Lab File: BF096495.D

Acq: 5 Jul 2017 20:23

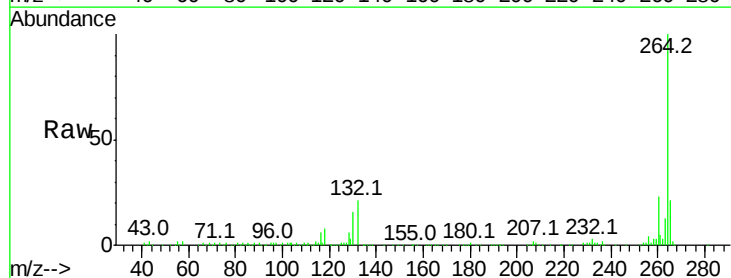
Tgt Ion:264 Resp: 193369

Ion Ratio Lower Upper

264 100

260 23.0 19.5 29.3

265 21.2 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

