

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF103116\
 Data File : BF090943.D
 Acq On : 31 Oct 2016 22:05
 Operator : UM/SJ
 Sample : H5475-01
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WOOLSTON-TS-004

Quant Time: Nov 01 14:05:17 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 01 11:53:50 2016
 Response via : Initial Calibration

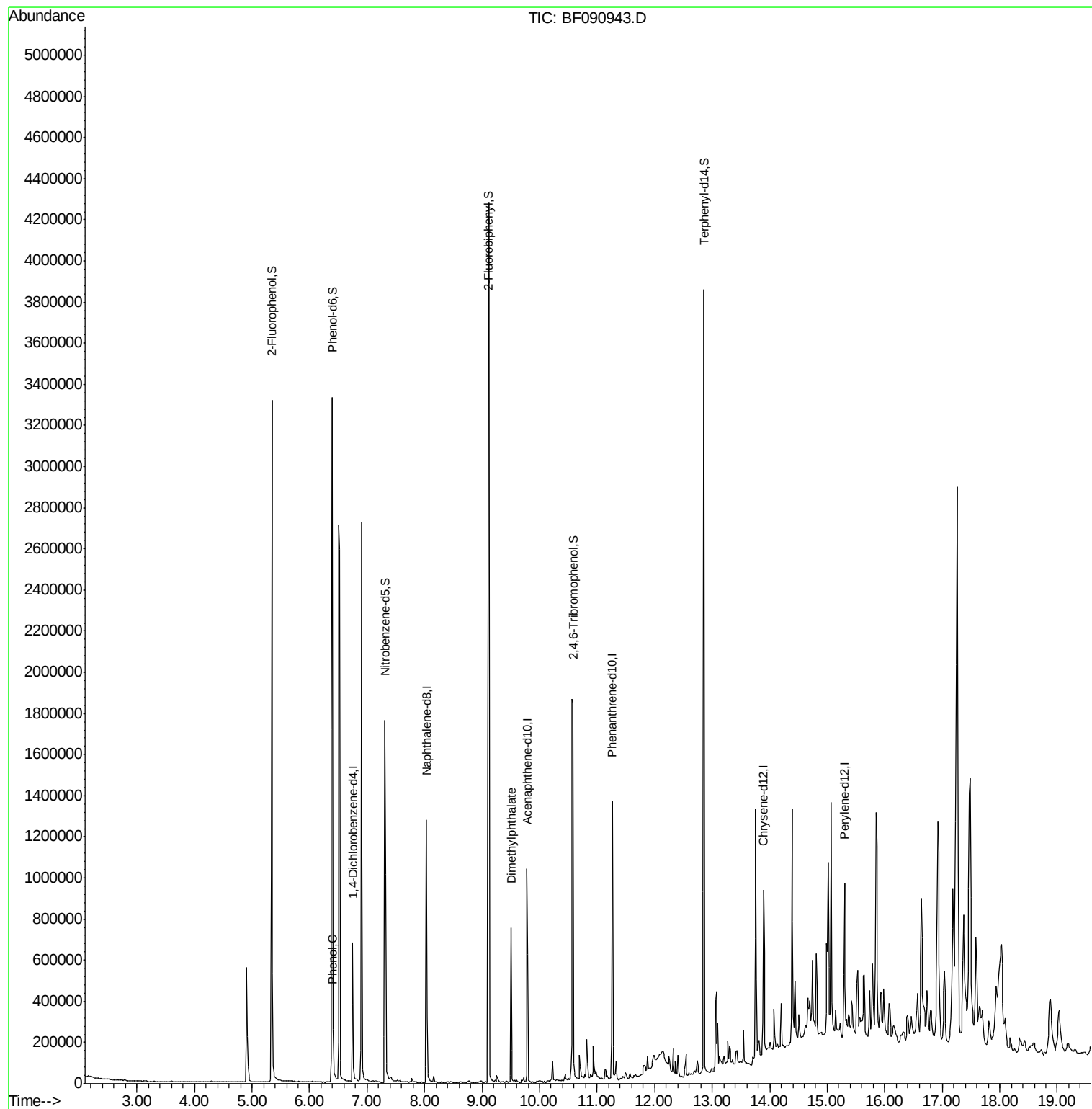
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	144614	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	596635	20.00	ng	-0.01
38) Acenaphthene-d10	9.78	164	282486	20.00	ng	-0.01
63) Phenanthrene-d10	11.26	188	495001	20.00	ng	0.00
75) Chrysene-d12	13.89	240	329327	20.00	ng	-0.01
86) Perylene-d12	15.30	264	324296	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	1061268	128.31	ng	0.01
7) Phenol-d6	6.40	99	1472558	131.96	ng	0.00
23) Nitrobenzene-d5	7.31	82	835326	91.65	ng	-0.01
41) 2,4,6-Tribromophenol	10.58	330	388705	133.90	ng	0.00
44) 2-Fluorobiphenyl	9.12	172	1644958	102.25	ng	0.00
78) Terphenyl-d14	12.85	244	1228635	93.99	ng	0.00
Target Compounds						
10) Phenol	6.41	94	32738	2.66	ng	Qvalue 78
49) Dimethylphthalate	9.50	163	298633	15.82	ng	# 97

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.75 min Scan# 408

Delta R.T. -0.00 min

Lab File: BF090943.D

Acq: 31 Oct 2016 22:05

Instrument :

BNA_F

ClientSampleId :

WOOLSTON-TS-004

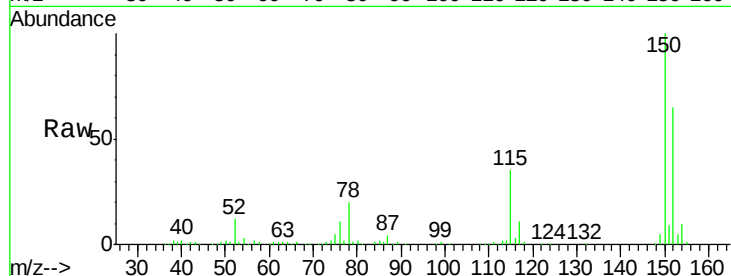
Tgt Ion:152 Resp: 144614

Ion Ratio Lower Upper

152 100

150 154.6 124.7 187.1

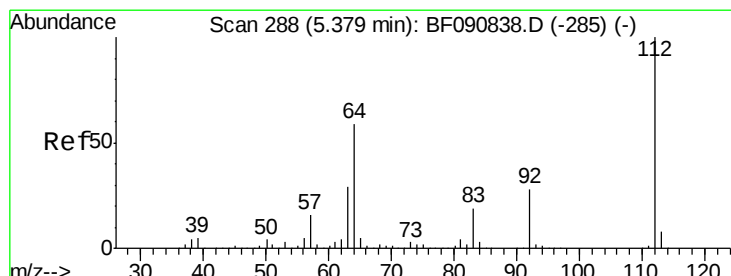
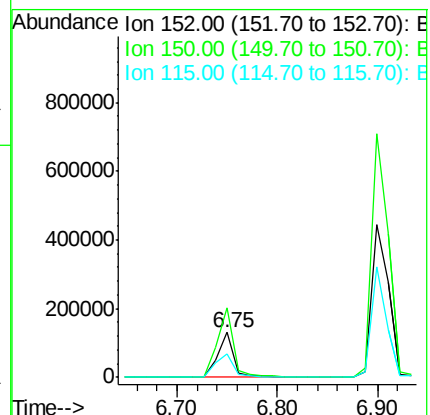
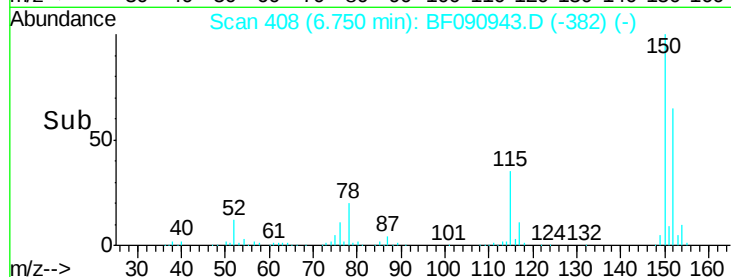
115 53.7 39.0 58.4



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: 128.31 ng

RT: 5.34 min Scan# 285

Delta R.T. 0.01 min

Lab File: BF090943.D

Acq: 31 Oct 2016 22:05

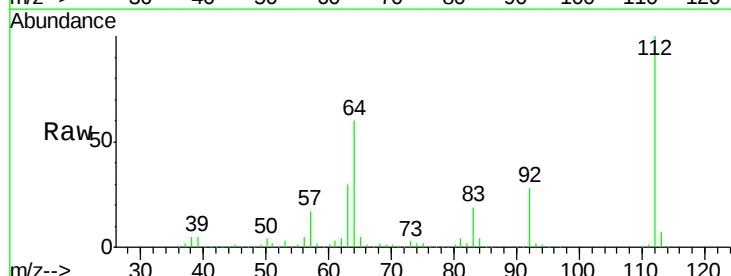
Tgt Ion:112 Resp: 1061268

Ion Ratio Lower Upper

112 100

64 60.4 39.7 59.5#

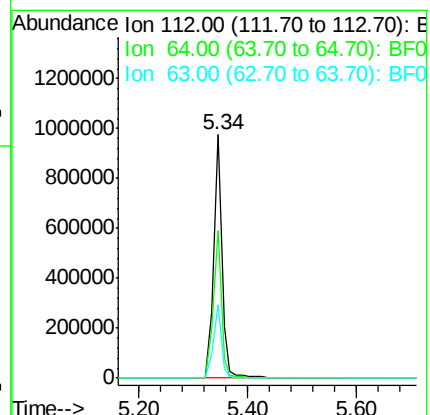
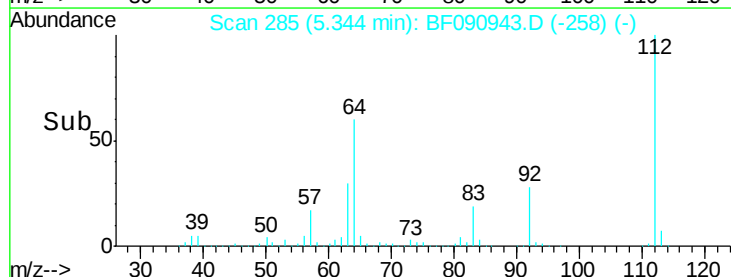
63 30.0 17.4 26.0#



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: 131.96 ng

RT: 6.40 min Scan# 377

Delta R.T. -0.00 min

Lab File: BF090943.D

Acq: 31 Oct 2016 22:05

Instrument :

BNA_F

ClientSampleId :

WOOLSTON-TS-004

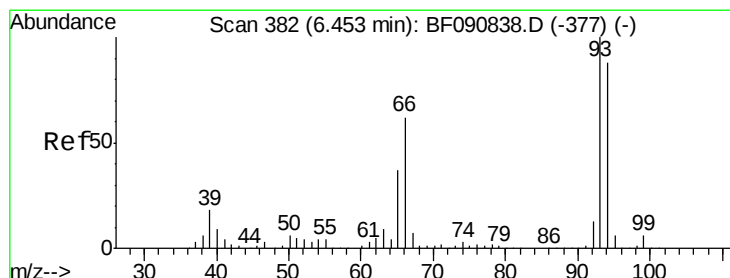
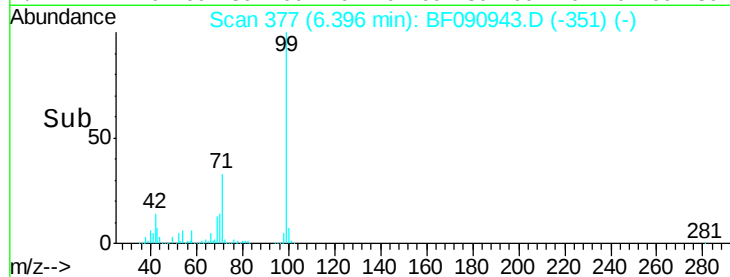
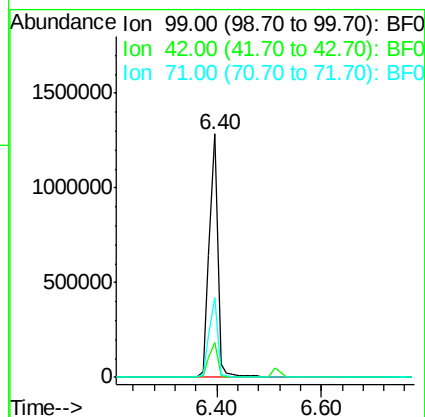
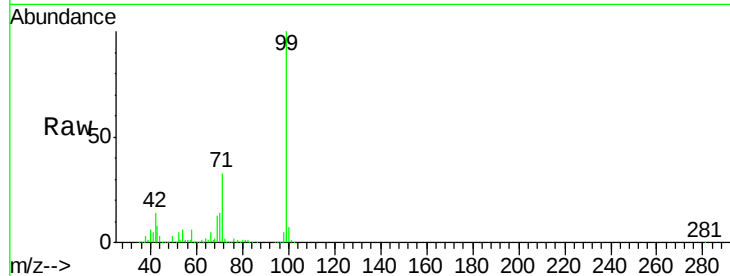
Tgt Ion: 99 Resp: 1472558

Ion Ratio Lower Upper

99 100

42 14.5 13.7 20.5

71 32.9 14.2 21.2#



#10

Phenol

Concen: 2.66 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.00 min

Lab File: BF090943.D

Acq: 31 Oct 2016 22:05

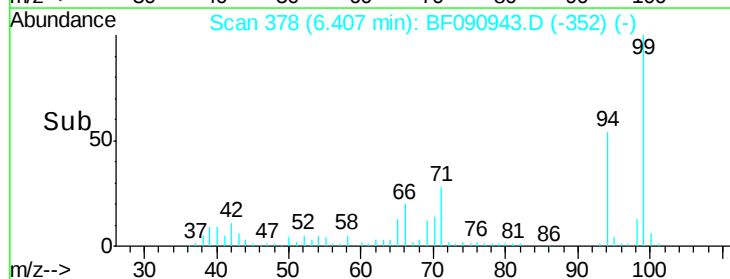
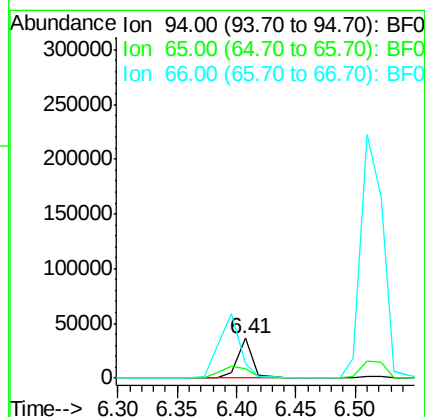
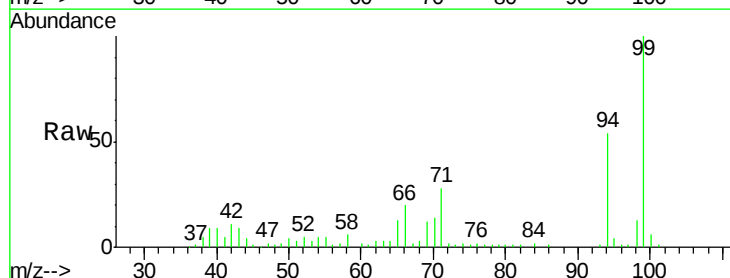
Tgt Ion: 94 Resp: 32738

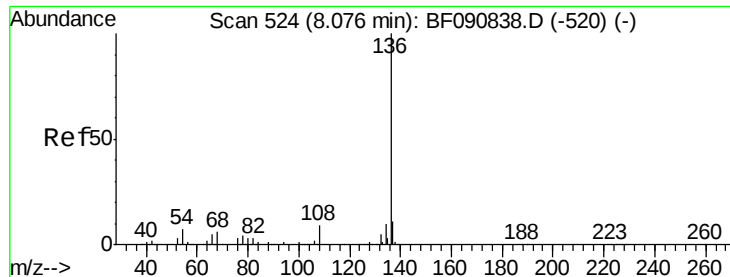
Ion Ratio Lower Upper

94 100

65 24.4 0.7 40.7

66 37.6 0.8 40.8





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.03 min Scan# 520

Delta R.T. -0.01 min

Lab File: BF090943.D

Acq: 31 Oct 2016 22:05

Instrument :

BNA_F

ClientSampleId :

WOOLSTON-TS-004

Tgt Ion:136 Resp: 596635

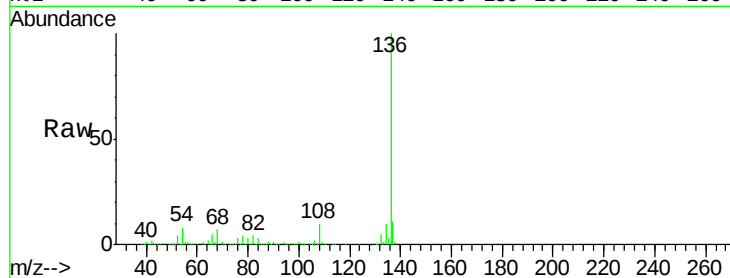
Ion Ratio Lower Upper

136 100

137 11.4 9.0 13.6

54 7.7 8.2 12.2#

68 7.1 5.8 8.6

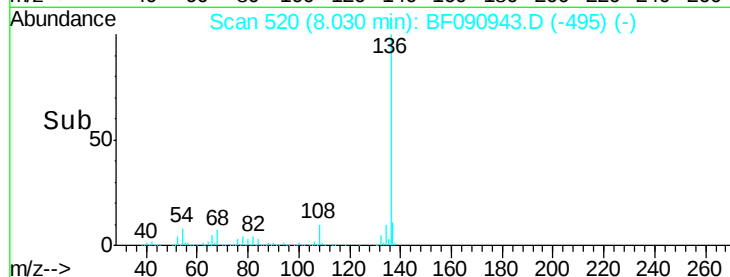


Abundance Ion 136.00 (135.70 to 136.70): E

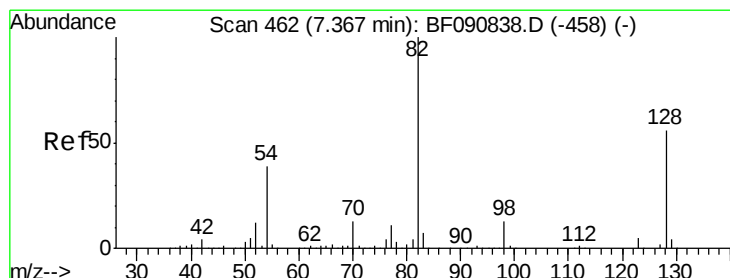
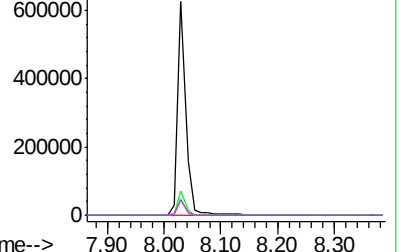
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#23

Nitrobenzene-d5

Concen: 91.65 ng

RT: 7.31 min Scan# 457

Delta R.T. -0.01 min

Lab File: BF090943.D

Acq: 31 Oct 2016 22:05

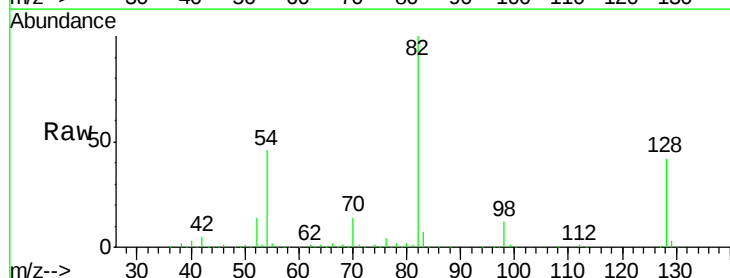
Tgt Ion: 82 Resp: 835326

Ion Ratio Lower Upper

82 100

128 42.0 51.0 76.6#

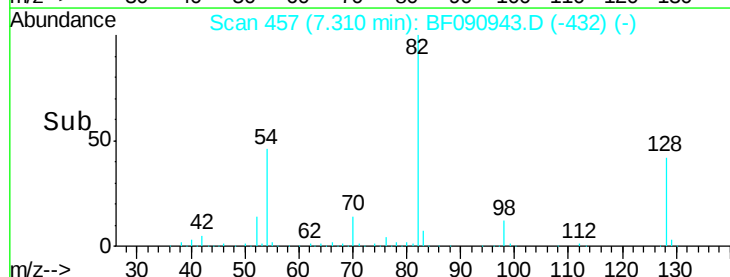
54 46.4 47.5 71.3#



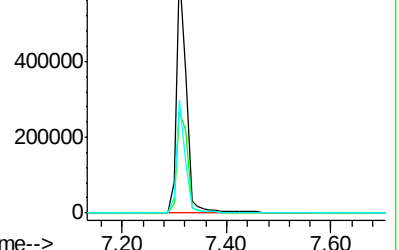
Abundance Ion 82.00 (81.70 to 82.70): BF0

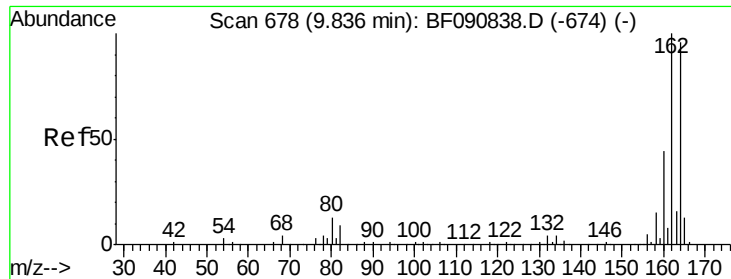
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



Time-->

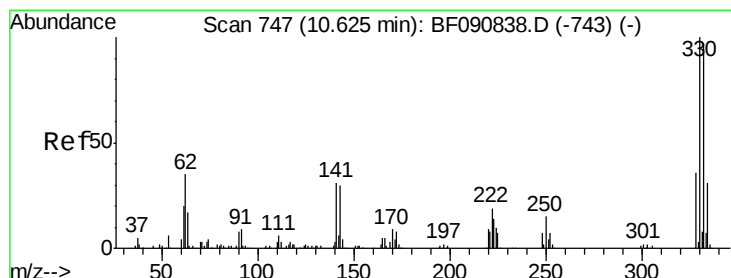
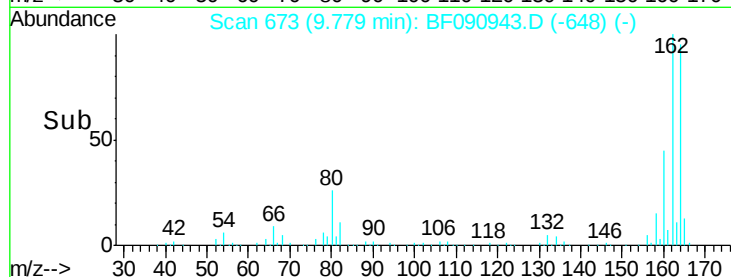
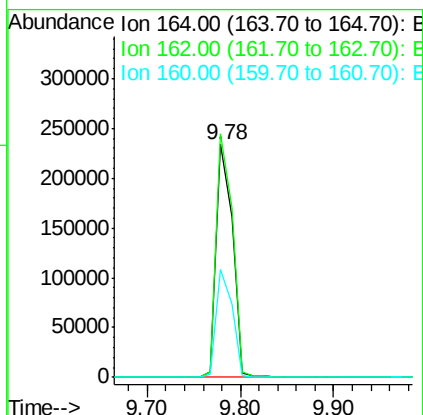
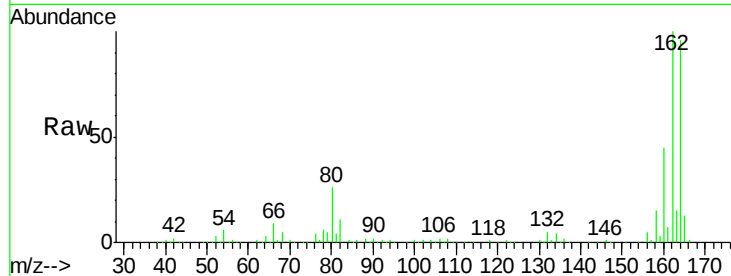




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.78 min Scan# 673
 Delta R.T. -0.01 min
 Lab File: BF090943.D
 Acq: 31 Oct 2016 22:05

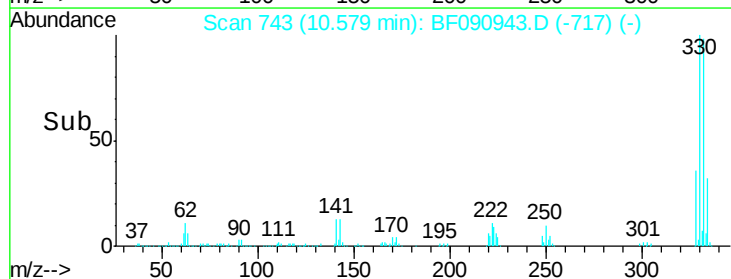
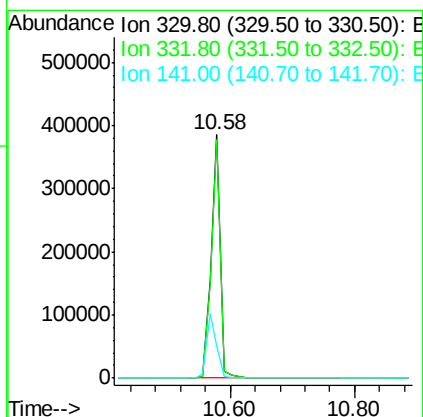
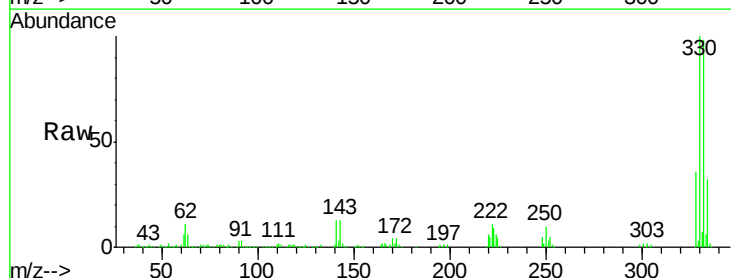
Instrument :
 BNA_F
 ClientSampleId :
 WOOLSTON-TS-004

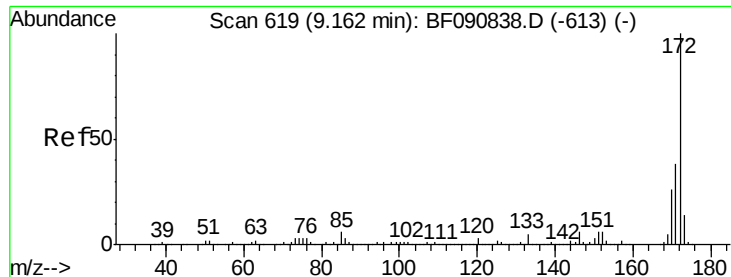
Tgt Ion:164 Resp: 282486
 Ion Ratio Lower Upper
 164 100
 162 104.5 75.2 112.8
 160 46.6 31.5 47.3



#41
 2,4,6-Tribromophenol
 Concen: 133.90 ng
 RT: 10.58 min Scan# 743
 Delta R.T. -0.00 min
 Lab File: BF090943.D
 Acq: 31 Oct 2016 22:05

Tgt Ion:330 Resp: 388705
 Ion Ratio Lower Upper
 330 100
 332 97.6 76.6 114.8
 141 29.5 29.7 44.5#

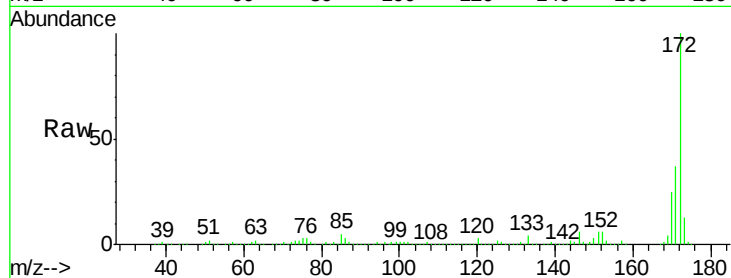




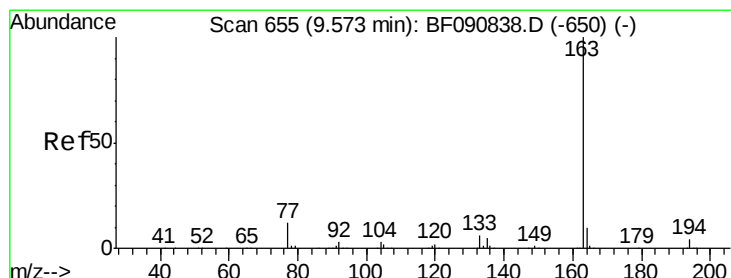
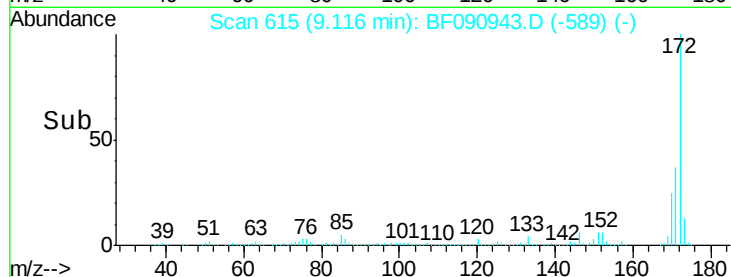
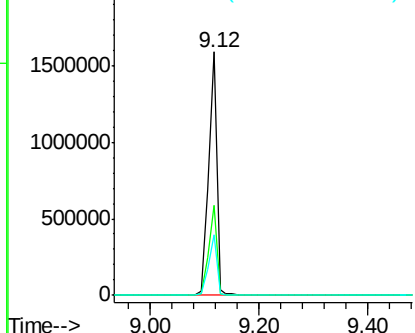
#44
 2-Fluorobiphenyl
 Concen: 102.25 ng
 RT: 9.12 min Scan# 615
 Delta R.T. -0.00 min
 Lab File: BF090943.D
 Acq: 31 Oct 2016 22:05

Instrument :
 BNA_F
 ClientSampleId :
 WOOLSTON-TS-004

Tgt Ion:172 Resp: 1644958
 Ion Ratio Lower Upper
 172 100
 171 36.7 26.1 39.1
 170 24.7 17.4 26.2

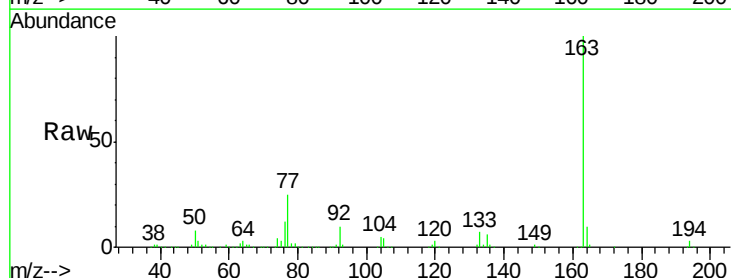


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

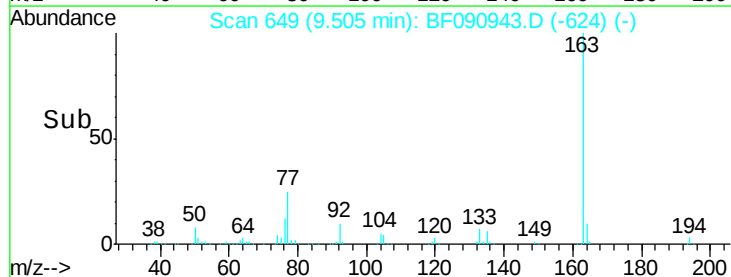
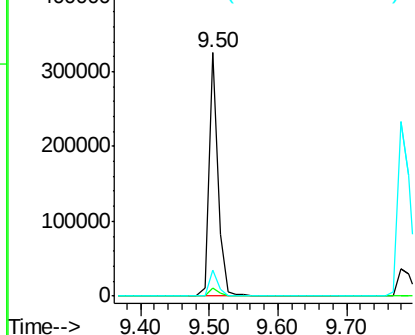


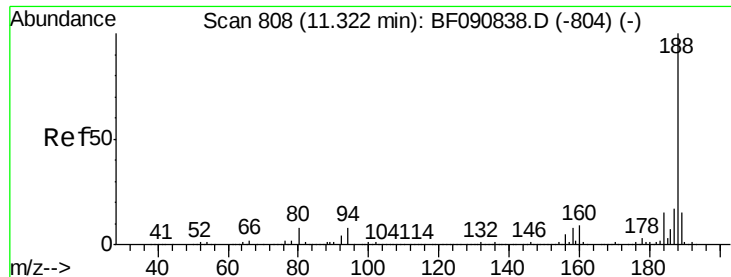
#49
 Dimethylphthalate
 Concen: 15.82 ng
 RT: 9.50 min Scan# 649
 Delta R.T. -0.01 min
 Lab File: BF090943.D
 Acq: 31 Oct 2016 22:05

Tgt Ion:163 Resp: 298633
 Ion Ratio Lower Upper
 163 100
 194 3.1 4.4 6.6#
 164 10.4 8.3 12.5



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

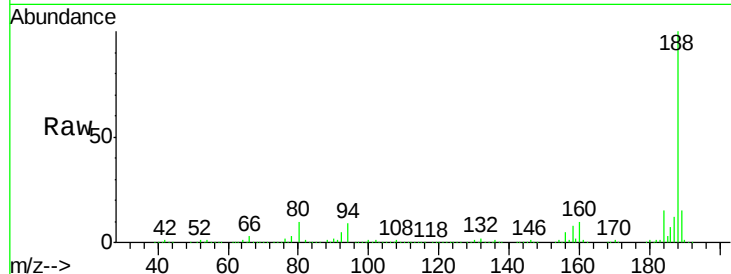




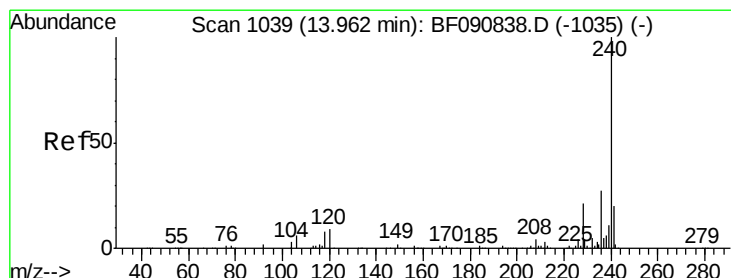
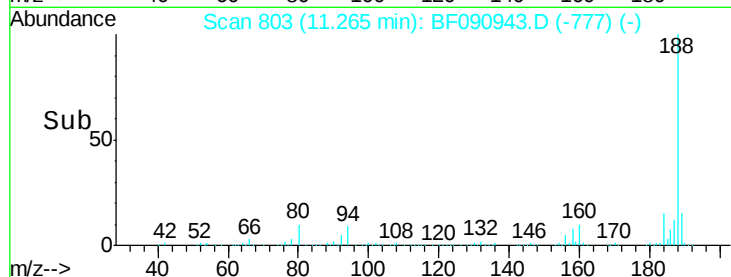
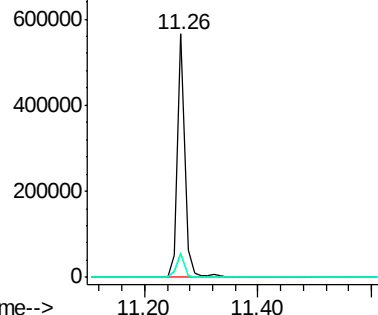
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.26 min Scan# 803
Delta R.T. -0.00 min
Lab File: BF090943.D
Acq: 31 Oct 2016 22:05

Instrument :
BNA_F
ClientSampleId :
WOOLSTON-TS-004

Tgt Ion:188 Resp: 495001
Ion Ratio Lower Upper
188 100
94 9.4 11.1 16.7#
80 10.1 11.0 16.4#

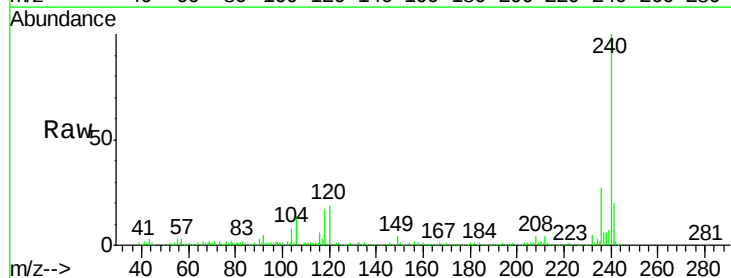


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

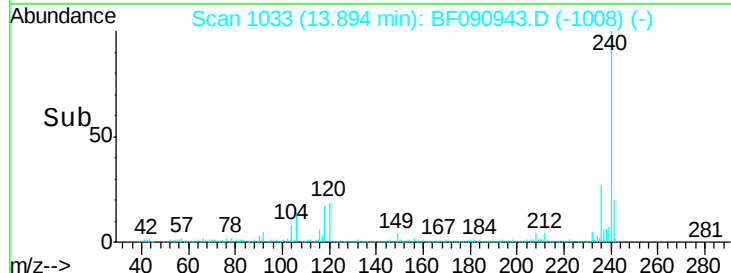
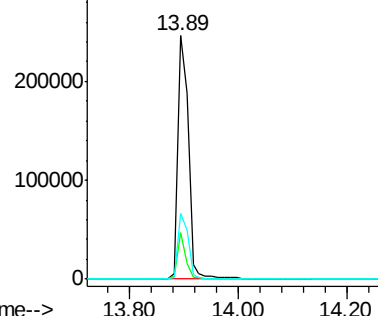


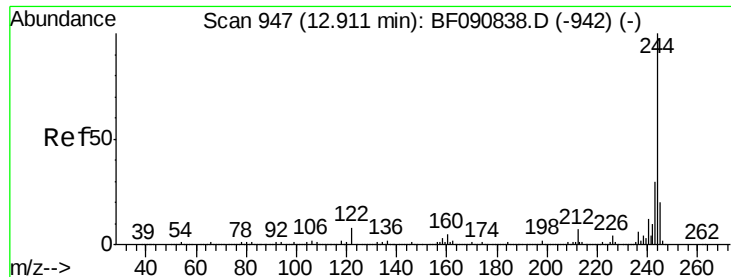
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.89 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF090943.D
Acq: 31 Oct 2016 22:05

Tgt Ion:240 Resp: 329327
Ion Ratio Lower Upper
240 100
120 19.3 16.2 24.2
236 26.8 18.4 27.6



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: 93.99 ng

RT: 12.85 min Scan# 942

Delta R.T. -0.00 min

Lab File: BF090943.D

Acq: 31 Oct 2016 22:05

Instrument :

BNA_F

ClientSampleId :

WOOLSTON-TS-004

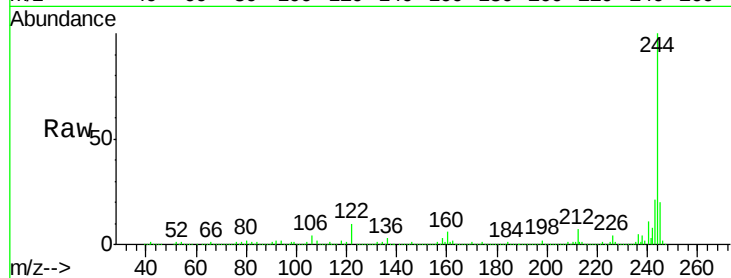
Tgt Ion:244 Resp: 1228635

Ion Ratio Lower Upper

244 100

212 6.6 4.3 6.5#

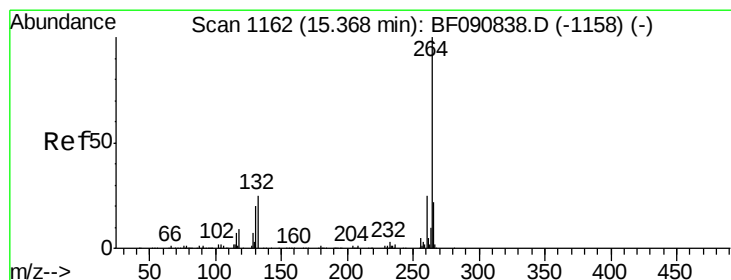
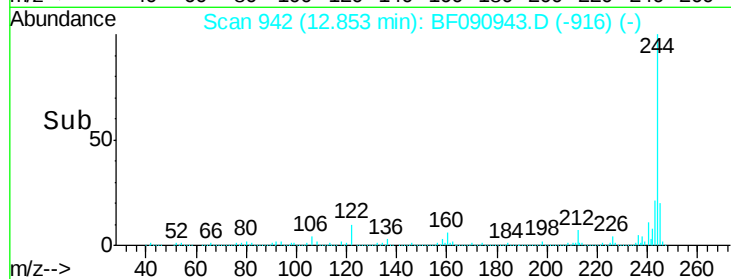
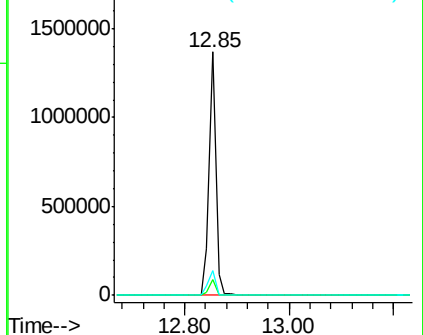
122 10.4 17.4 26.2#



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: 15.30 min Scan# 1156

Delta R.T. -0.00 min

Lab File: BF090943.D

Acq: 31 Oct 2016 22:05

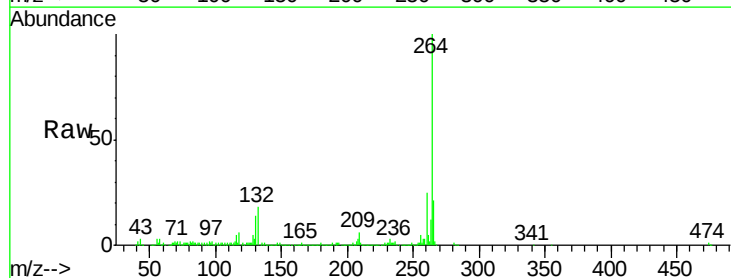
Tgt Ion:264 Resp: 324296

Ion Ratio Lower Upper

264 100

260 24.9 16.7 25.1

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

