

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF101918\
 Data File : BF110001.D
 Acq On : 19 Oct 2018 14:41
 Operator : JU/SJ
 Sample : J5569-08
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RLF-SW-4

Quant Time: Oct 20 00:33:48 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 16 14:58:24 2018
 Response via : Initial Calibration

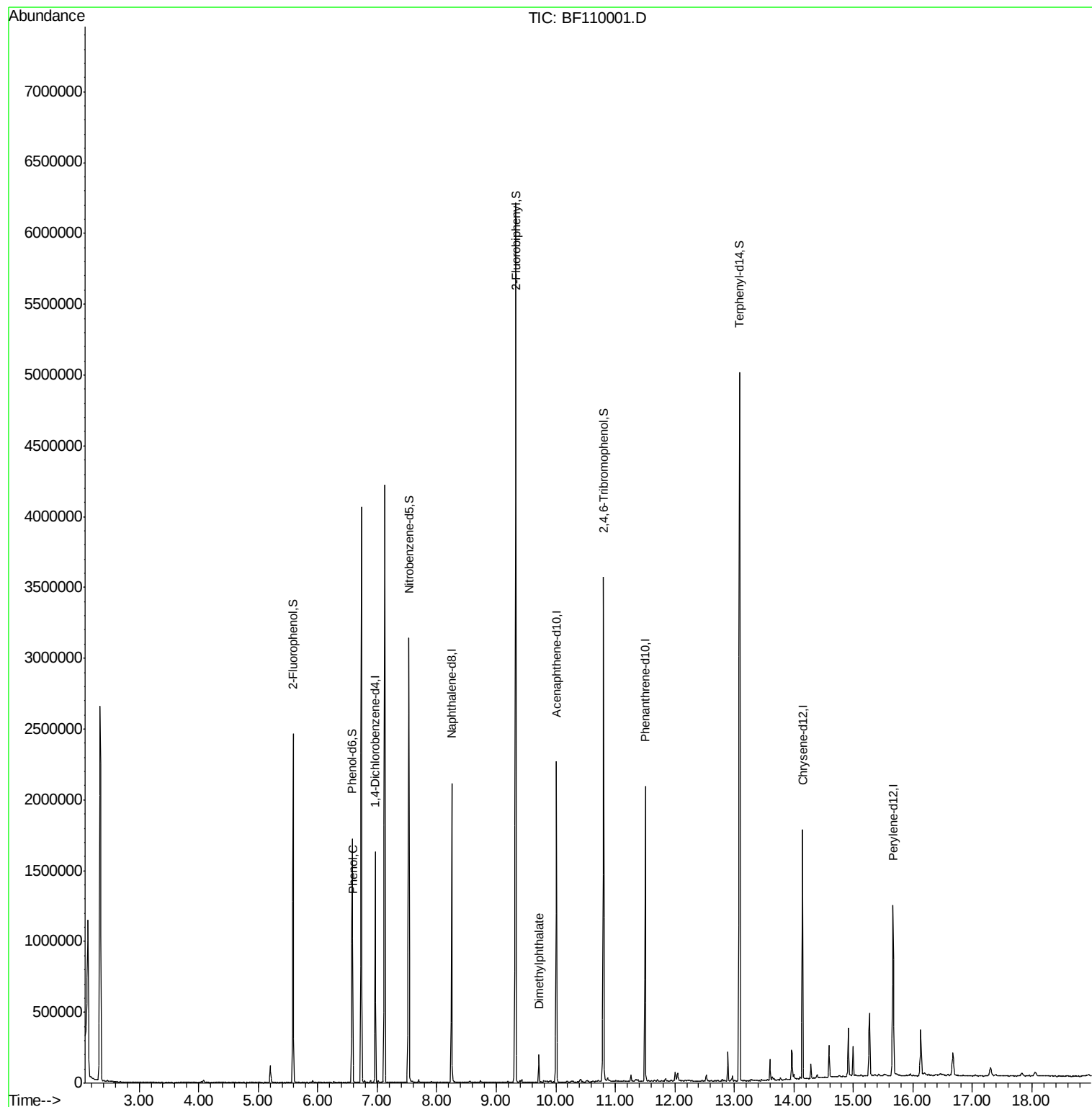
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	229504	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	913313	20.00	ng	-0.02
39) Acenaphthene-d10	10.01	164	432293	20.00	ng	-0.02
64) Phenanthrene-d10	11.50	188	779259	20.00	ng	-0.01
76) Chrysene-d12	14.14	240	553762	20.00	ng	-0.02
87) Perylene-d12	15.67	264	377427	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	673865	46.54	ng	-0.01
7) Phenol-d6	6.58	99	521191	28.99	ng	-0.02
23) Nitrobenzene-d5	7.53	82	1149418	84.78	ng	-0.02
42) 2,4,6-Tribromophenol	10.80	330	431121	115.19	ng	-0.01
45) 2-Fluorobiphenyl	9.33	172	2025012	74.75	ng	-0.01
79) Terphenyl-d14	13.09	244	1911359	72.48	ng	-0.01
Target Compounds						
10) Phenol	6.59	94	61461	3.166	ng	Qvalue # 63
50) Dimethylphthalate	9.72	163	71731	2.343	ng	99

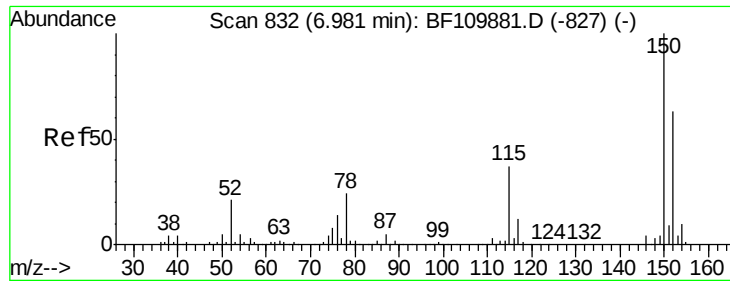
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Oct 20 00:33:48 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101518.M
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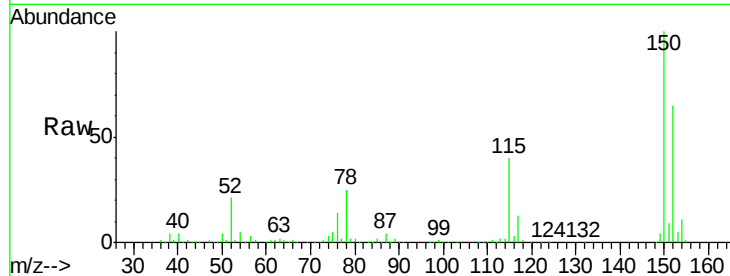


#1

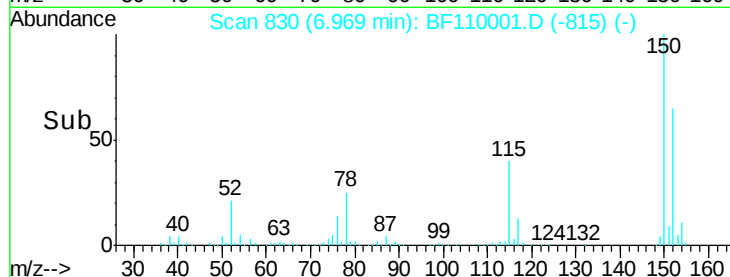
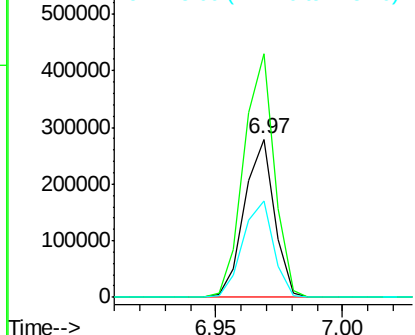
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF110001.D
Acq: 19 Oct 2018 14:41

Instrument :
BNA_F
ClientSampleId :
RLF-SW-4

Tgt Ion:152 Resp: 229504
Ion Ratio Lower Upper
152 100
150 153.7 122.7 184.1
115 61.1 49.1 73.7



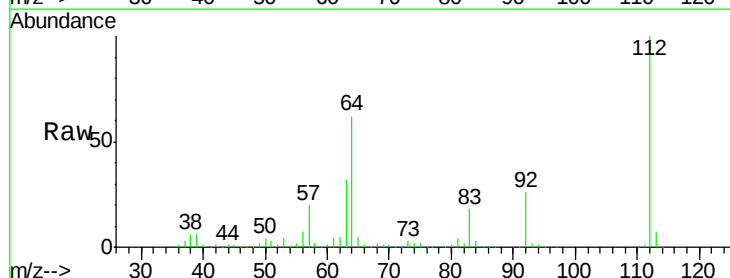
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



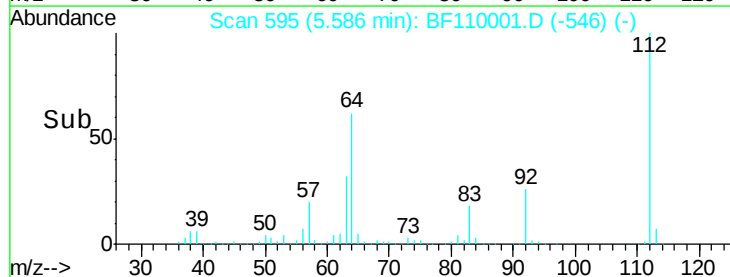
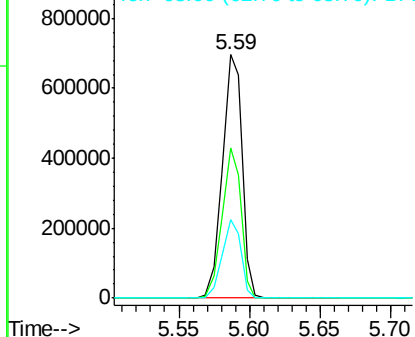
#5

2-Fluorophenol
Concen: 46.542 ng
RT: 5.59 min Scan# 595
Delta R.T. -0.01 min
Lab File: BF110001.D
Acq: 19 Oct 2018 14:41

Tgt Ion:112 Resp: 673865
Ion Ratio Lower Upper
112 100
64 61.5 44.1 66.1
63 32.0 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: 28.990 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.02 min

Lab File: BF110001.D

Acq: 19 Oct 2018 14:41

Instrument :

BNA_F

ClientSampleId :

RLF-SW-4

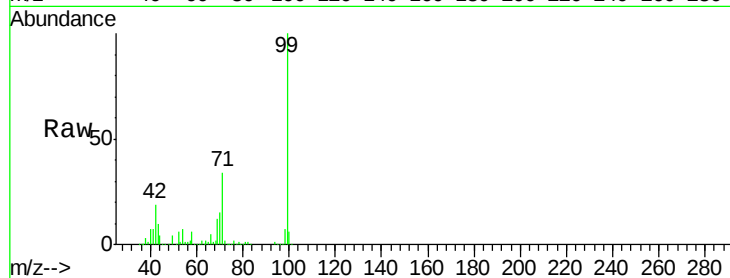
Tgt Ion: 99 Resp: 521191

Ion Ratio Lower Upper

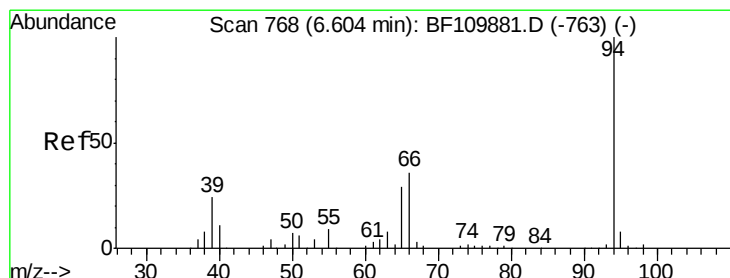
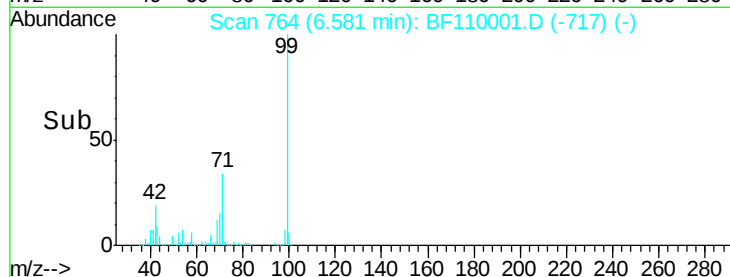
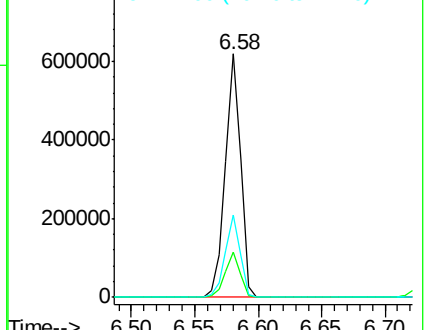
99 100

42 18.8 15.8 23.6

71 33.7 28.0 42.0



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: 3.166 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.02 min

Lab File: BF110001.D

Acq: 19 Oct 2018 14:41

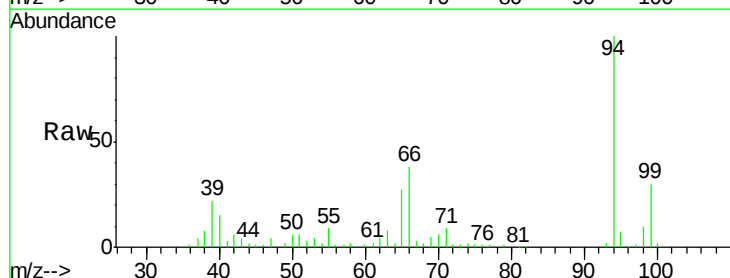
Tgt Ion: 94 Resp: 61461

Ion Ratio Lower Upper

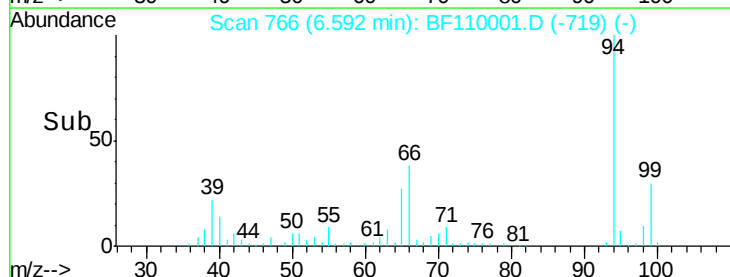
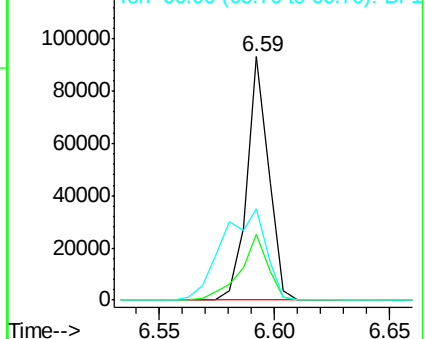
94 100

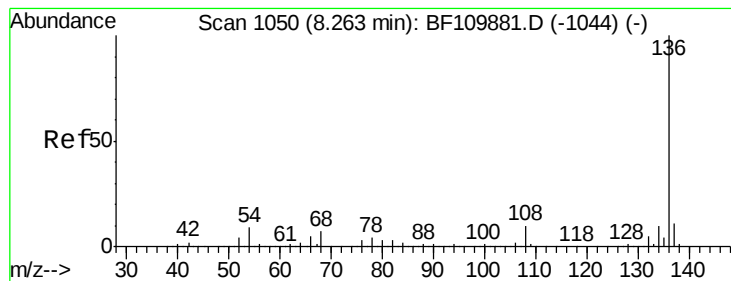
65 27.0 25.3 65.3

66 37.7 54.5 94.5#



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: 8.25 min Scan# 1048

Delta R.T. -0.02 min

Lab File: BF110001.D

Acq: 19 Oct 2018 14:41

Instrument :

BNA_F

ClientSampleId :

RLF-SW-4

Tgt Ion: 136 Resp: 913313

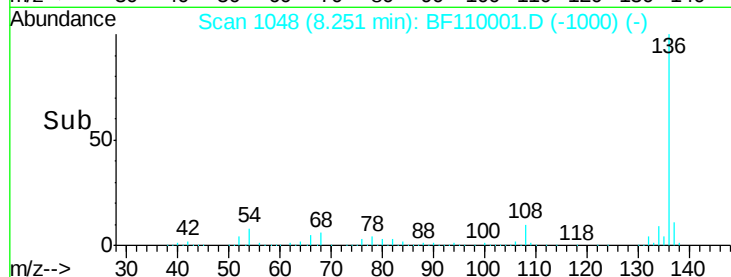
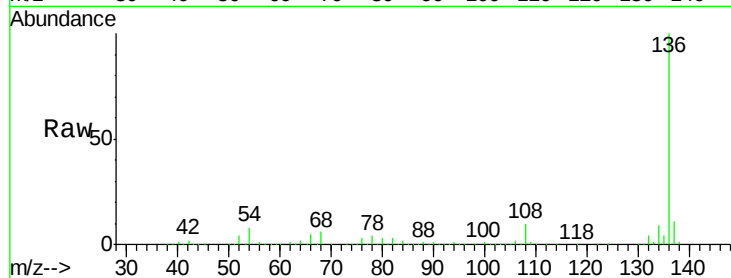
Ion Ratio Lower Upper

136 100

137 11.1 8.8 13.2

54 8.4 5.4 8.2#

68 5.8 4.2 6.2

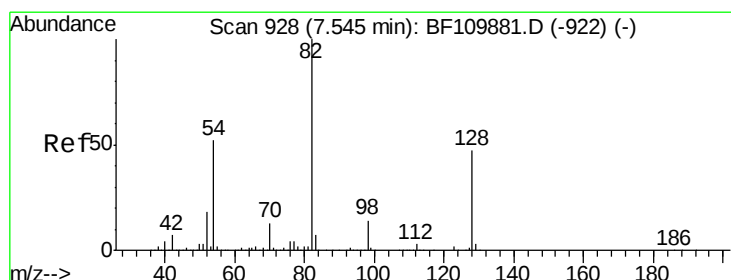
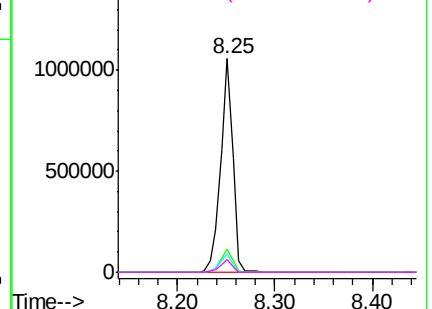


Abundance Ion 136.00 (135.70 to 136.70): E

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: 84.778 ng

RT: 7.53 min Scan# 926

Delta R.T. -0.02 min

Lab File: BF110001.D

Acq: 19 Oct 2018 14:41

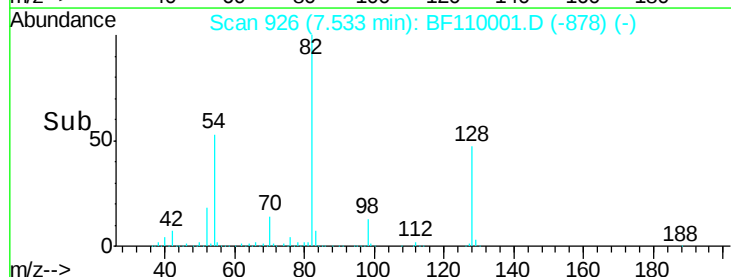
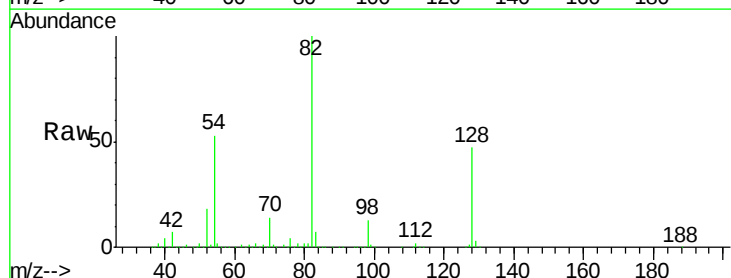
Tgt Ion: 82 Resp: 1149418

Ion Ratio Lower Upper

82 100

128 46.8 34.2 51.2

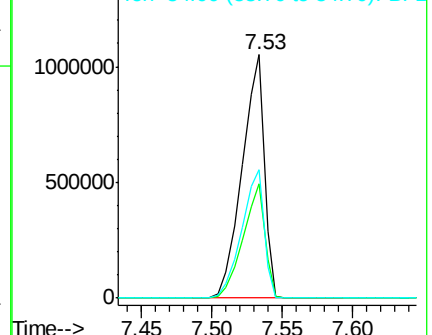
54 52.8 38.6 58.0

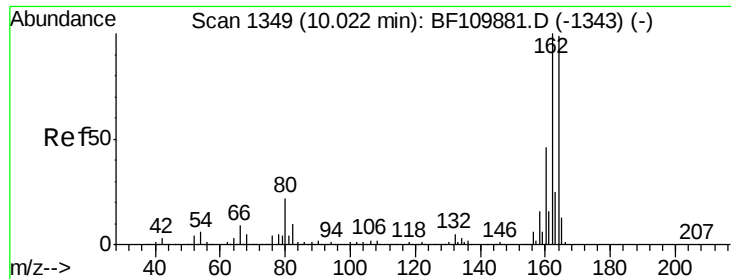


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

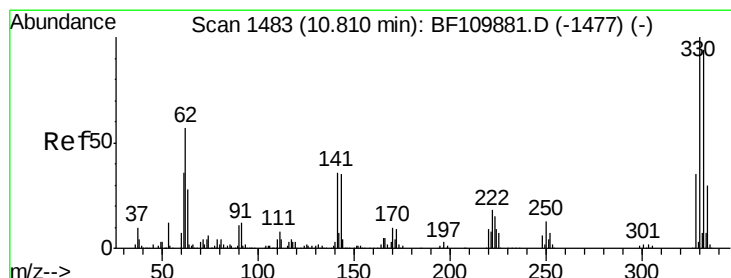
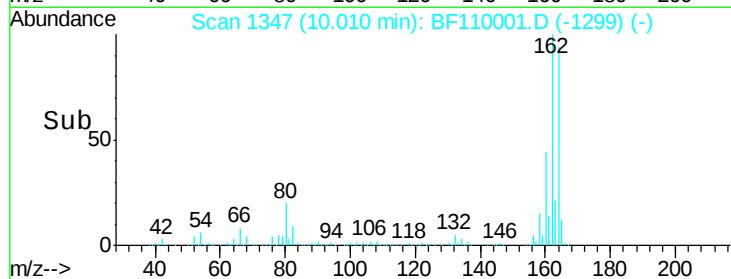
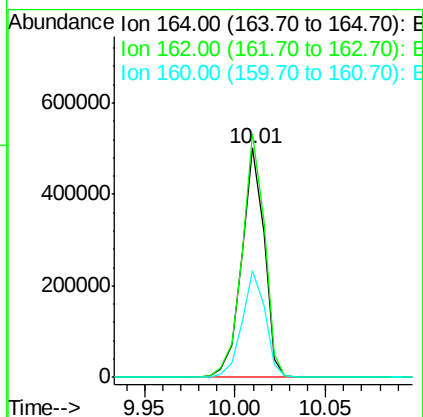
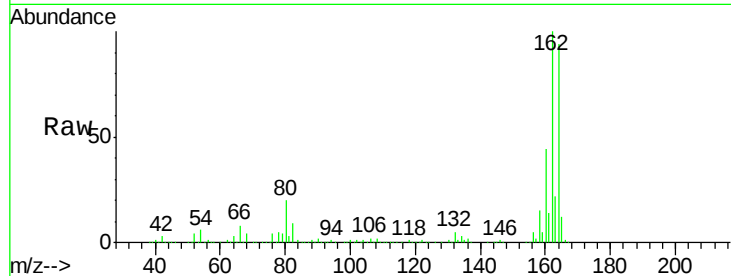




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.02 min
Lab File: BF110001.D
Acq: 19 Oct 2018 14:41

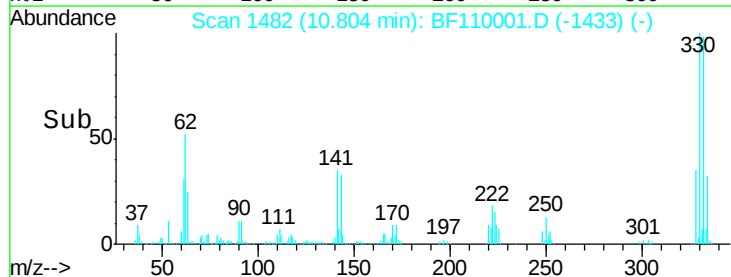
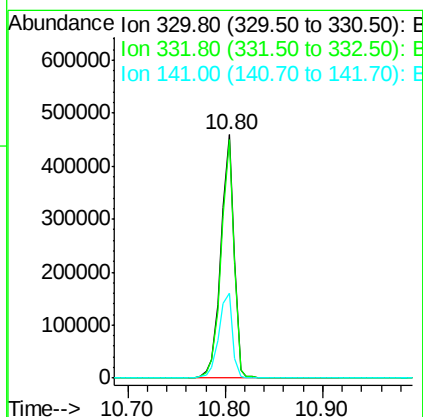
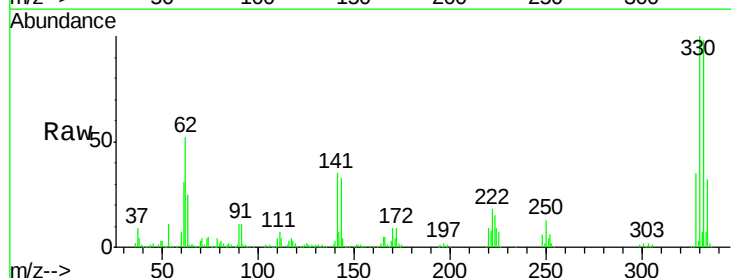
Instrument :
BNA_F
ClientSampleId :
RLF-SW-4

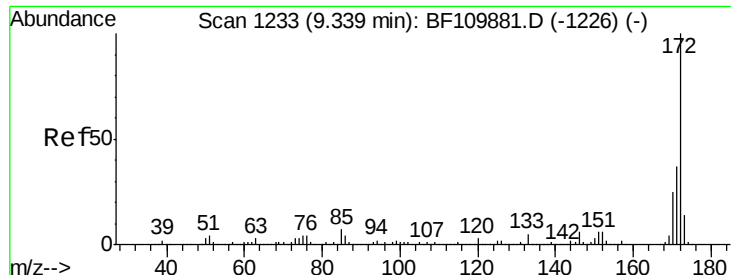
Tgt Ion:164 Resp: 432293
Ion Ratio Lower Upper
164 100
162 106.3 83.0 124.6
160 46.4 37.0 55.6



#42
2,4,6-Tribromophenol
Concen: 115.191 ng
RT: 10.80 min Scan# 1482
Delta R.T. -0.01 min
Lab File: BF110001.D
Acq: 19 Oct 2018 14:41

Tgt Ion:330 Resp: 431121
Ion Ratio Lower Upper
330 100
332 96.3 77.1 115.7
141 36.6 27.0 40.4

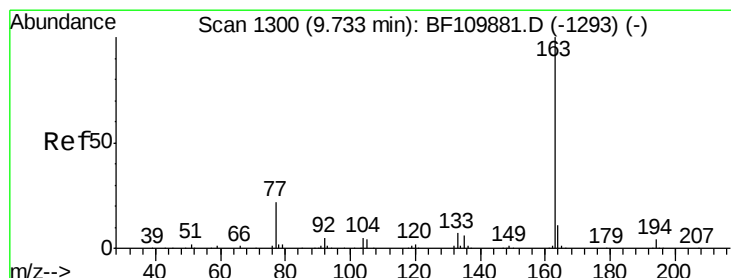
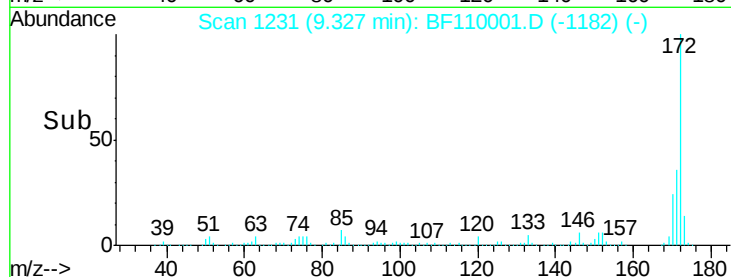
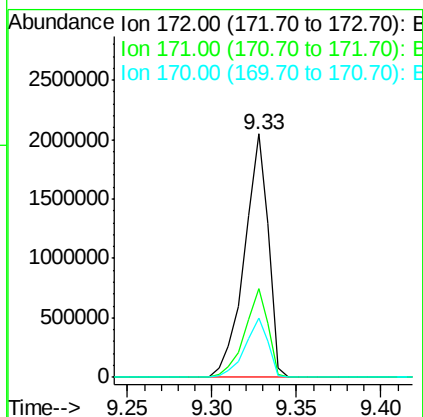
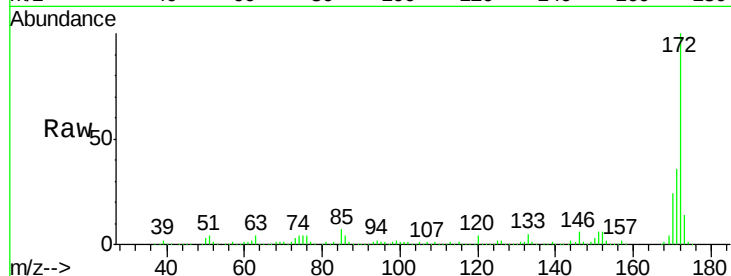




#45
 2-Fluorobiphenyl
 Concen: 74.746 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. -0.01 min
 Lab File: BF110001.D
 Acq: 19 Oct 2018 14:41

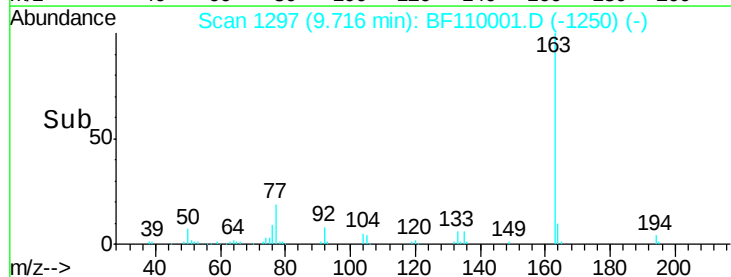
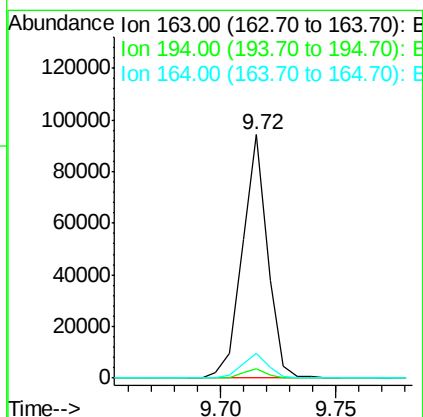
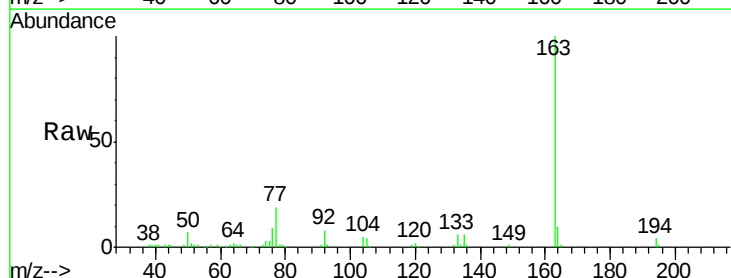
Instrument :
 BNA_F
 ClientSampleId :
 RLF-SW-4

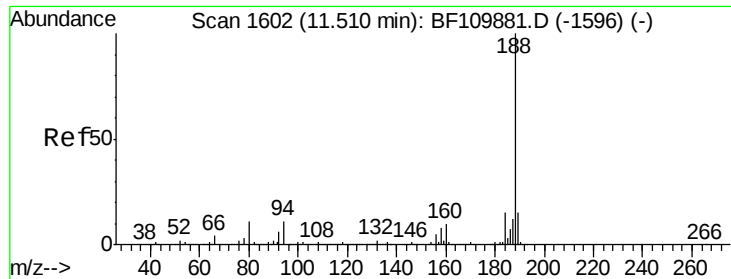
Tgt Ion:172 Resp: 2025012
 Ion Ratio Lower Upper
 172 100
 171 36.5 28.6 43.0
 170 24.4 19.7 29.5



#50
 Dimethylphthalate
 Concen: 2.343 ng
 RT: 9.72 min Scan# 1297
 Delta R.T. -0.02 min
 Lab File: BF110001.D
 Acq: 19 Oct 2018 14:41

Tgt Ion:163 Resp: 71731
 Ion Ratio Lower Upper
 163 100
 194 3.6 3.2 4.8
 164 10.3 8.1 12.1

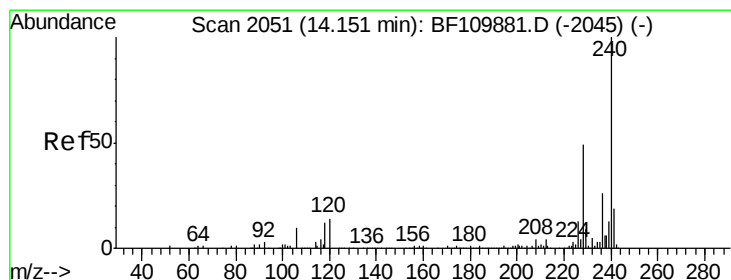
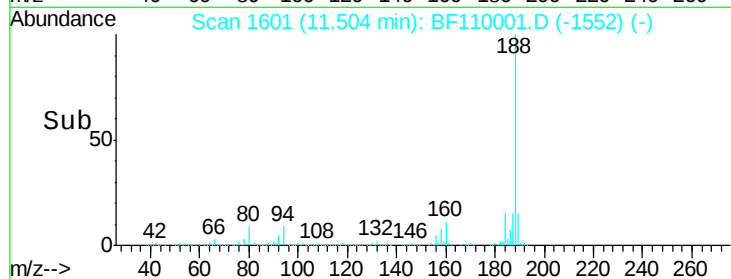
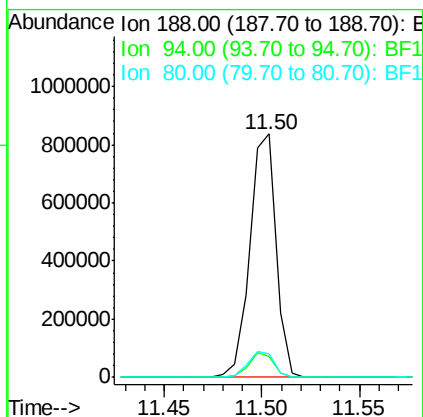
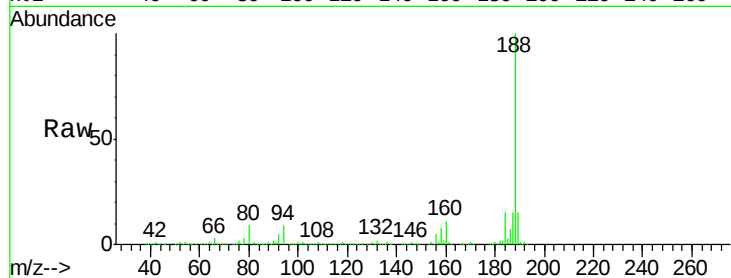




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: BF110001.D
Acq: 19 Oct 2018 14:41

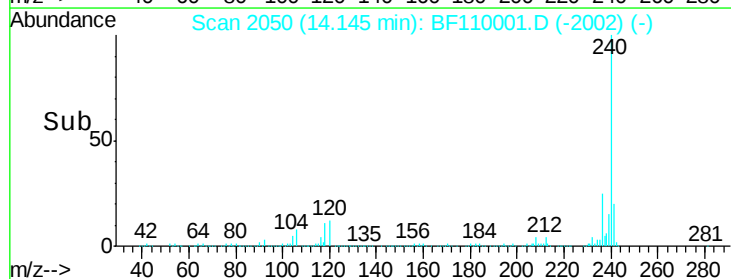
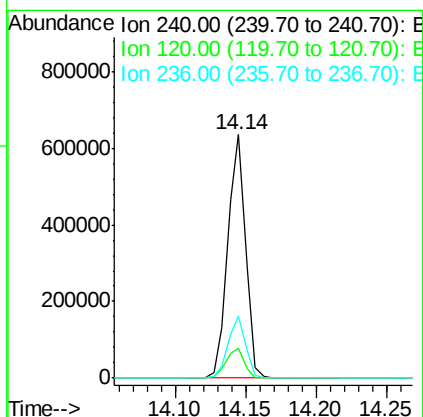
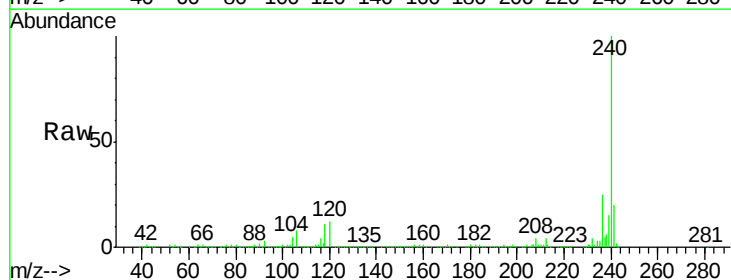
Instrument :
BNA_F
ClientSampled :
RLF-SW-4

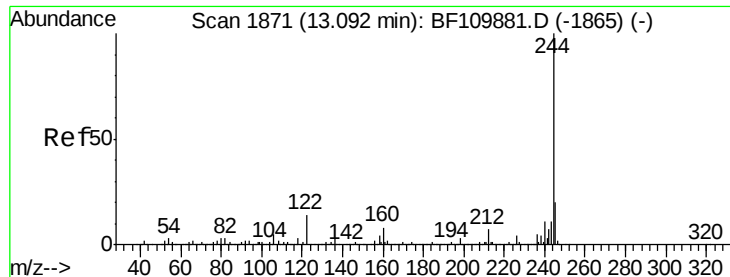
Tgt Ion:188 Resp: 779259
Ion Ratio Lower Upper
188 100
94 8.7 7.2 10.8
80 9.5 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2050
Delta R.T. -0.02 min
Lab File: BF110001.D
Acq: 19 Oct 2018 14:41

Tgt Ion:240 Resp: 553762
Ion Ratio Lower Upper
240 100
120 12.1 8.3 12.5
236 25.5 21.2 31.8





#79

Terphenyl-d14

Concen: 72.481 ng

RT: 13.09 min Scan# 1871

Delta R.T. -0.01 min

Lab File: BF110001.D

Acq: 19 Oct 2018 14:41

Instrument :

BNA_F

ClientSampleId :

RLF-SW-4

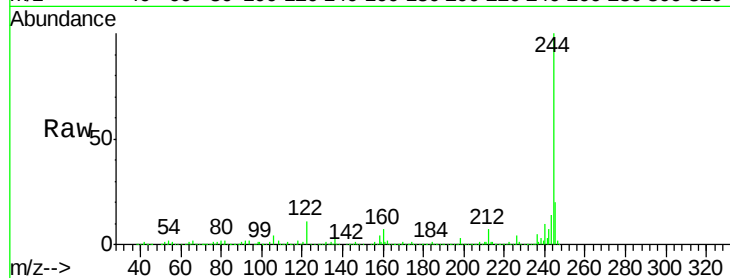
Tgt Ion:244 Resp: 1911359

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.8

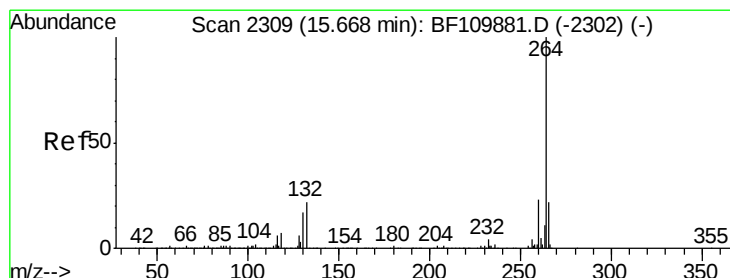
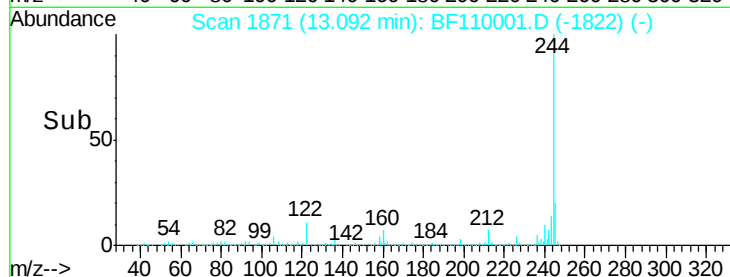
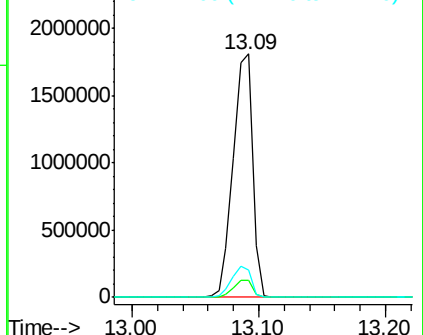
122 11.4 8.7 13.1



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.67 min Scan# 2309

Delta R.T. -0.02 min

Lab File: BF110001.D

Acq: 19 Oct 2018 14:41

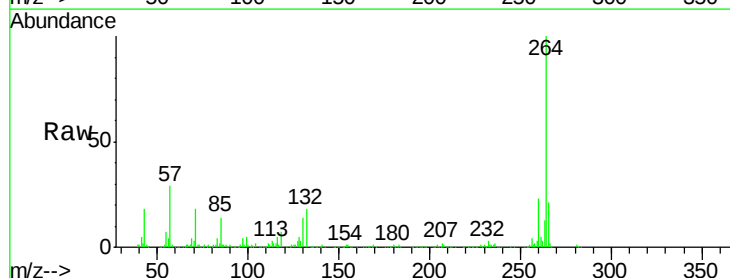
Tgt Ion:264 Resp: 377427

Ion Ratio Lower Upper

264 100

260 22.5 18.7 28.1

265 20.9 16.7 25.1



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

