

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082420\
 Data File : BF121412.D
 Acq On : 24 Aug 2020 22:01
 Operator : JU/CG
 Sample : L3719-03
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20200509-COMPOSITE-A

Quant Time: Aug 25 04:43:52 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF081920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 20 04:56:10 2020
 Response via : Initial Calibration

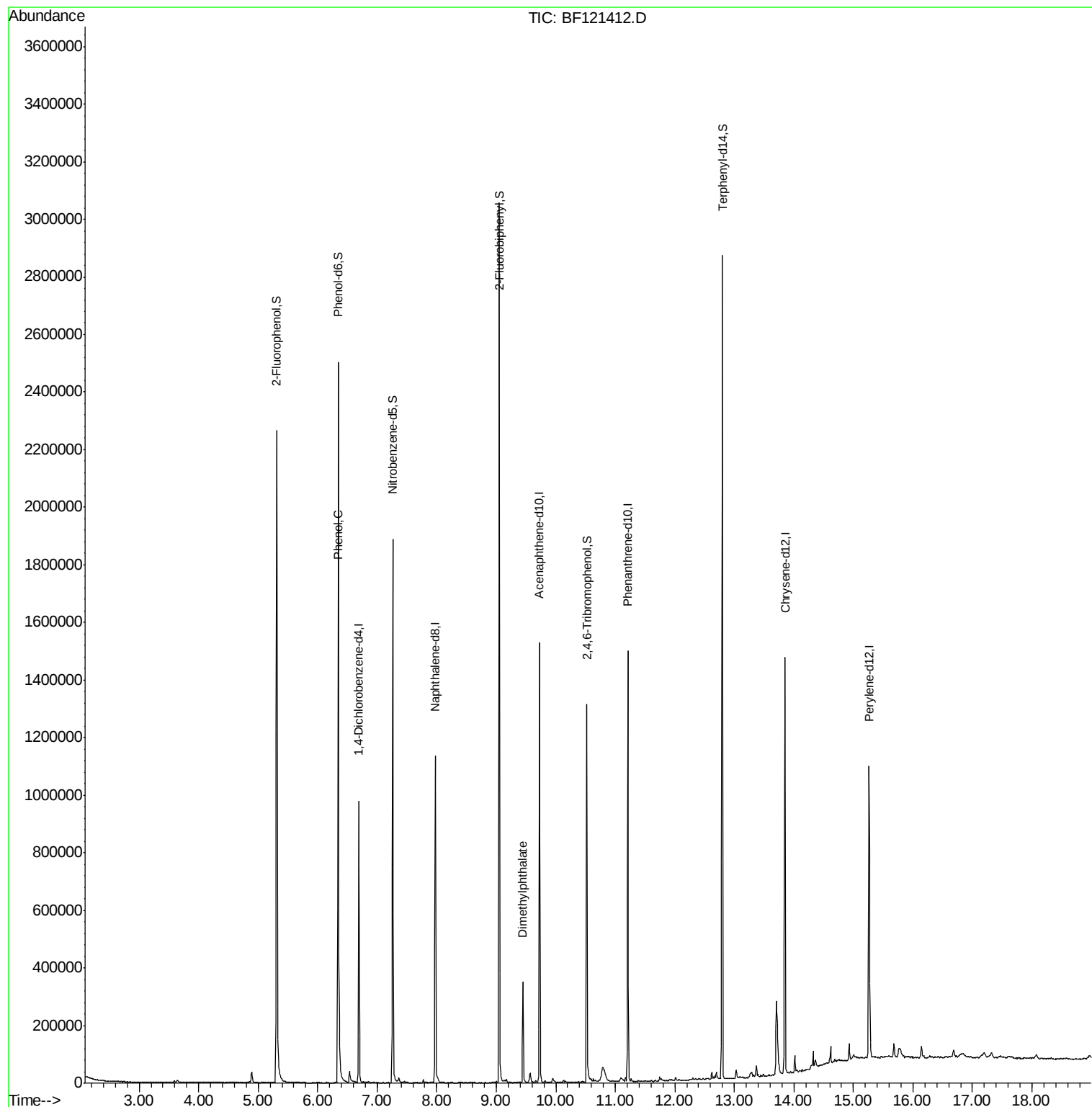
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	143115	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	570236	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	301677	20.00	ng	0.00
64) Phenanthrene-d10	11.21	188	594033	20.00	ng	0.00
76) Chrysene-d12	13.85	240	489873	20.00	ng	0.00
86) Perylene-d12	15.26	264	448983	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	800468	91.71	ng	0.01
7) Phenol-d6	6.35	99	966142	86.71	ng	0.00
23) Nitrobenzene-d5	7.26	82	626111	62.10	ng	0.00
42) 2,4,6-Tribromophenol	10.52	330	192790	54.84	ng	0.00
45) 2-Fluorobiphenyl	9.05	172	1030243	62.07	ng	0.00
79) Terphenyl-d14	12.80	244	987547	39.39	ng	0.00
Target Compounds						
10) Phenol	6.36	94	37645	3.222	ng	86
50) Dimethylphthalate	9.45	163	154973	7.061	ng	98

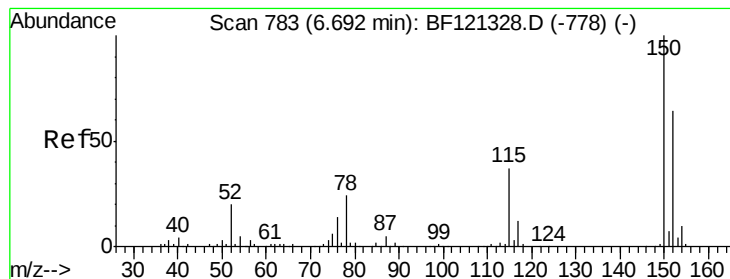
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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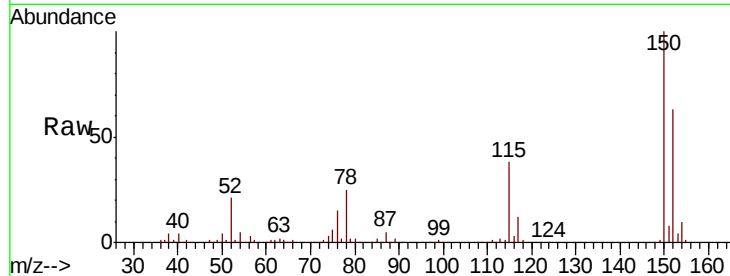


#1

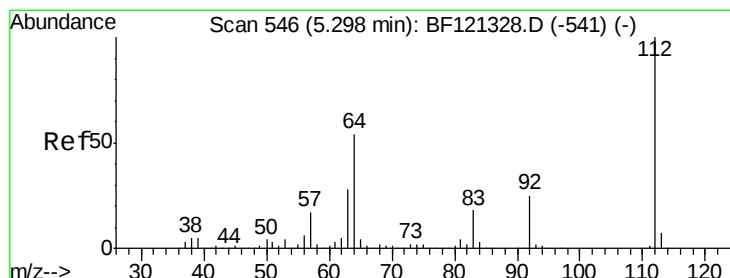
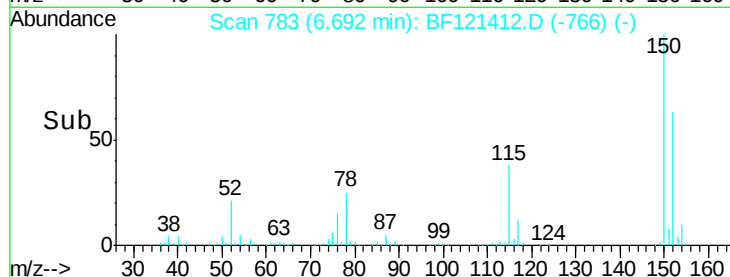
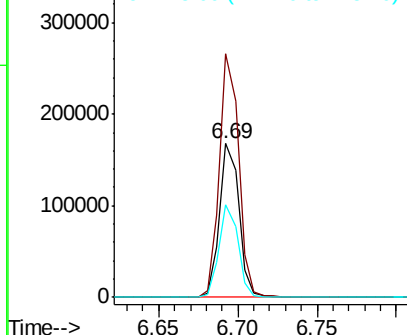
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 783
Delta R.T. 0.00 min
Lab File: BF121412.D
Acq: 24 Aug 2020 22:01

Instrument :
BNA_F
ClientSampleId :
20200509-COMPOSITE-A

Tot Ion:152 Resp: 143115
Ion Ratio Lower Upper
152 100
150 158.1 124.8 187.2
115 60.3 46.1 69.1



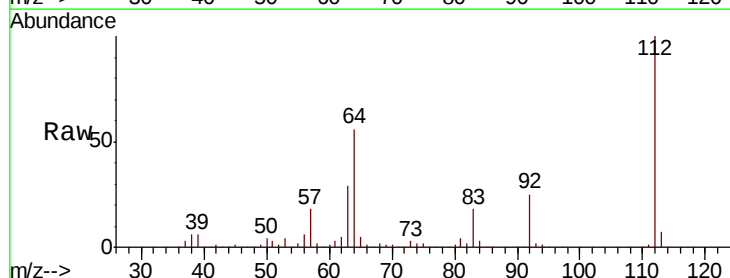
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



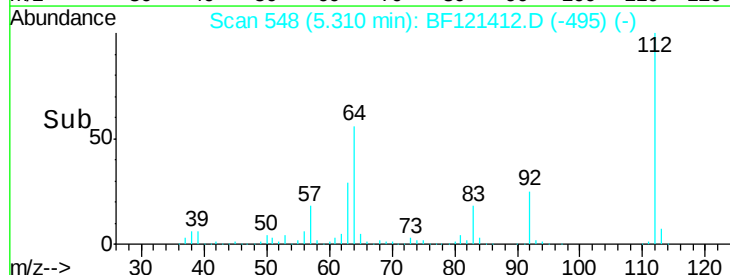
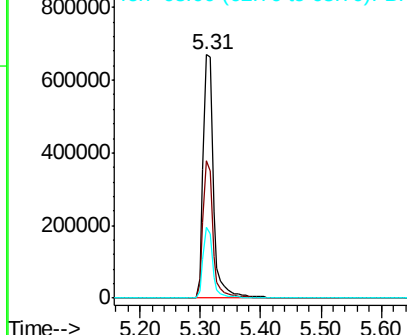
#5

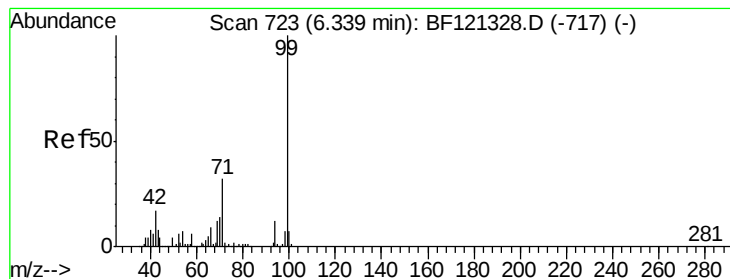
2-Fluorophenol
Concen: 91.713 ng
RT: 5.31 min Scan# 548
Delta R.T. 0.01 min
Lab File: BF121412.D
Acq: 24 Aug 2020 22:01

Tgt Ion:112 Resp: 800468
Ion Ratio Lower Upper
112 100
64 56.4 43.5 65.3
63 29.2 22.0 33.0



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: 86.712 ng

RT: 6.35 min Scan# 724

Delta R.T. 0.01 min

Lab File: BF121412.D

Acq: 24 Aug 2020 22:01

Instrument :

BNA_F

ClientSampleId :

20200509-COMPOSITE-A

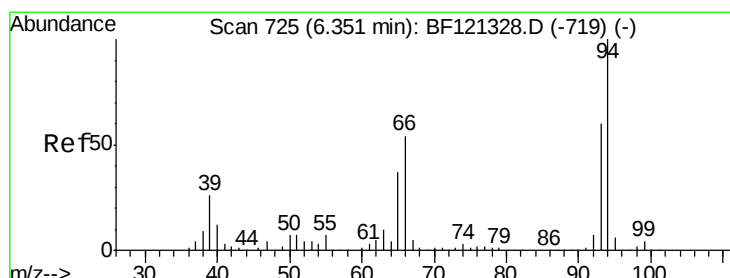
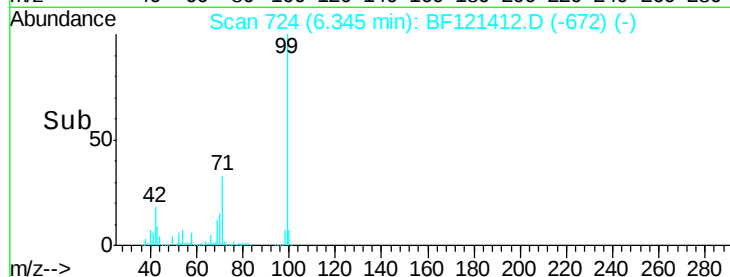
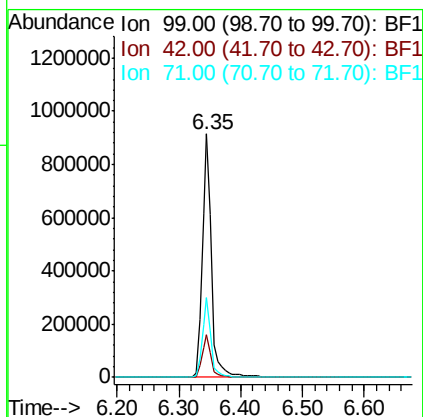
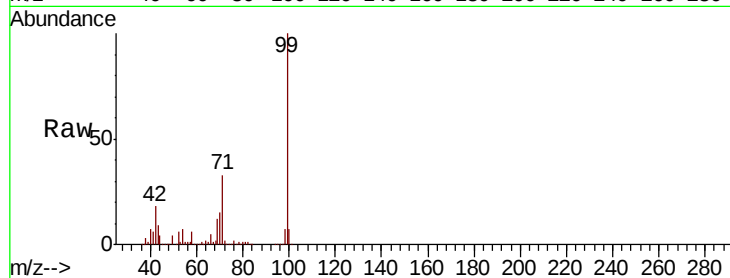
Tot Ion: 99 Resp: 966142

Ion Ratio Lower Upper

99 100

42 17.8 13.5 20.3

71 33.0 25.2 37.8



#10

Phenol

Concen: 3.222 ng

RT: 6.36 min Scan# 726

Delta R.T. 0.01 min

Lab File: BF121412.D

Acq: 24 Aug 2020 22:01

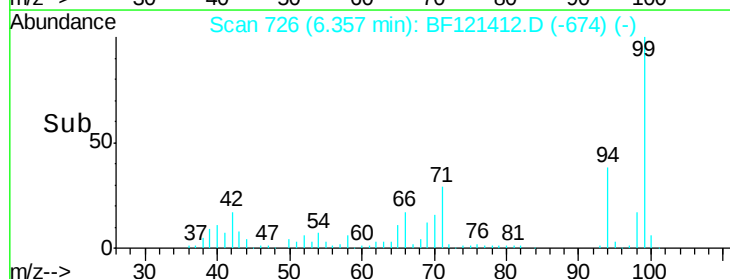
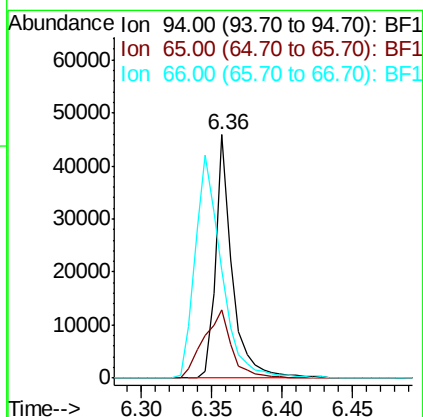
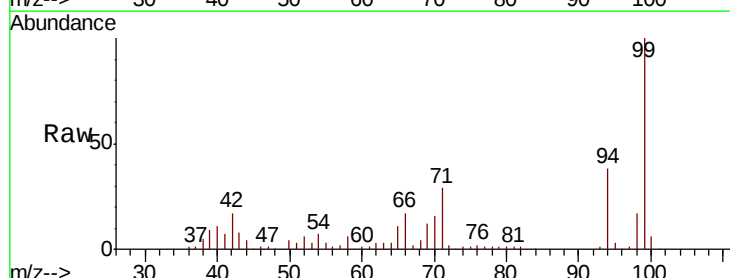
Tgt Ion: 94 Resp: 37645

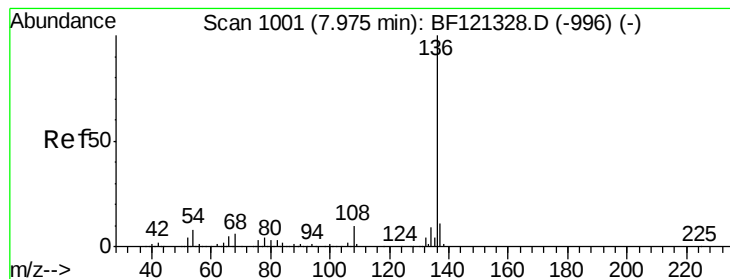
Ion Ratio Lower Upper

94 100

65 28.3 16.6 56.6

66 44.4 34.3 74.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.97 min Scan# 1001

Delta R.T. 0.00 min

Lab File: BF121412.D

Acq: 24 Aug 2020 22:01

Instrument :

BNA_F

ClientSampleId :

20200509-COMPOSITE-A

Tot Ion:136 Resp: 570236

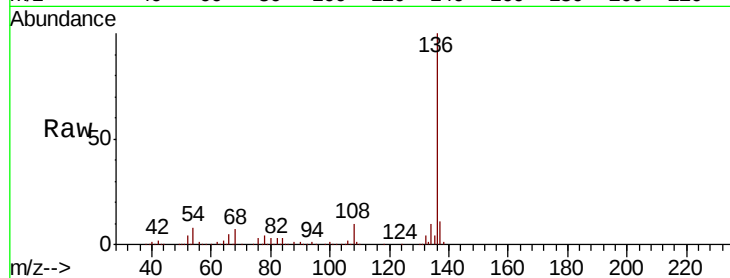
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 7.9 6.1 9.1

68 6.5 5.0 7.4

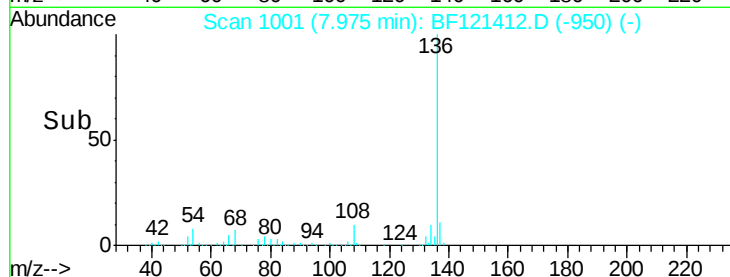


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

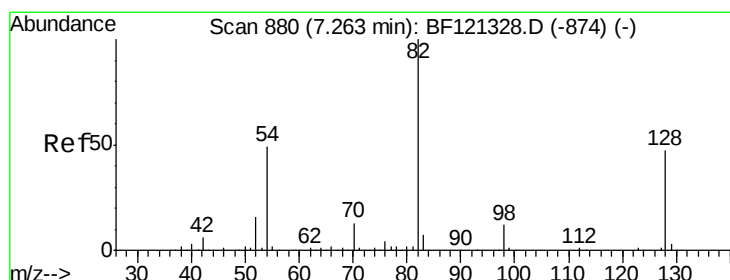
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



Time-->

7.97



#23

Nitrobenzene-d5

Concen: 62.098 ng

RT: 7.26 min Scan# 880

Delta R.T. 0.00 min

Lab File: BF121412.D

Acq: 24 Aug 2020 22:01

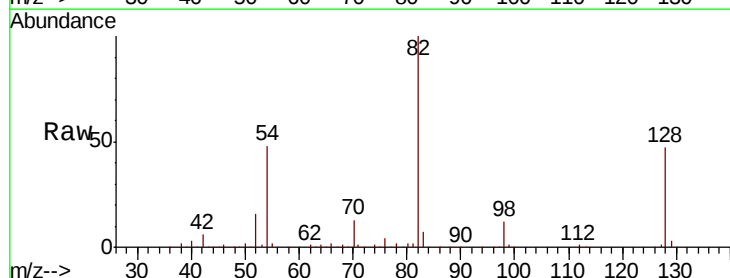
Tgt Ion: 82 Resp: 626111

Ion Ratio Lower Upper

82 100

128 47.1 37.9 56.9

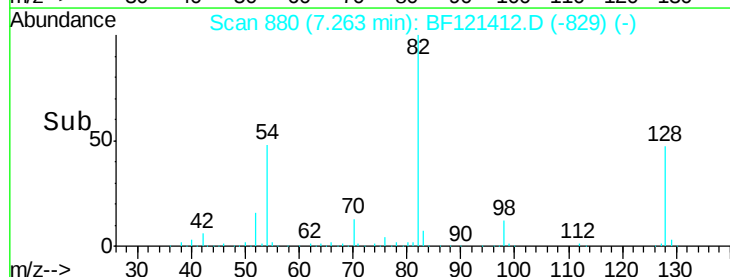
54 48.0 39.0 58.4



Abundance Ion 82.00 (81.70 to 82.70): BF1

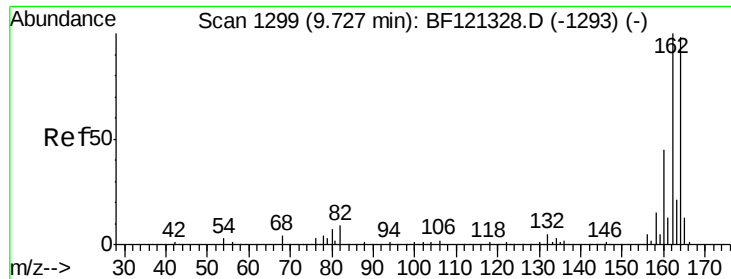
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1



Time-->

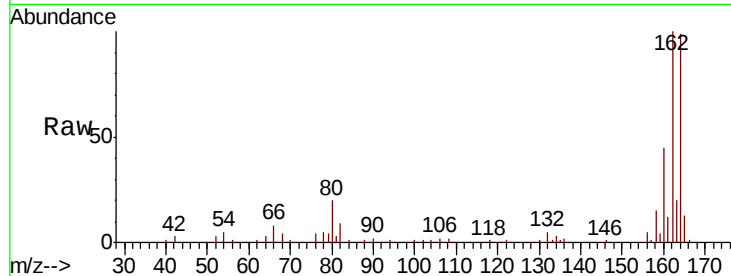
7.26



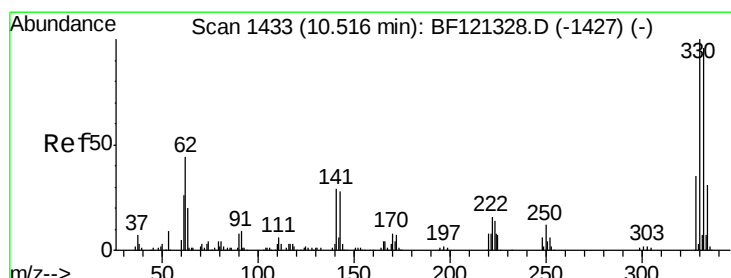
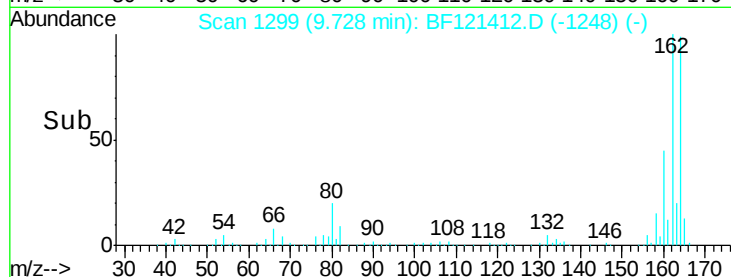
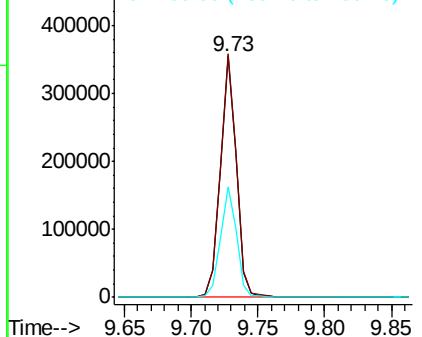
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.73 min Scan# 1299
Delta R.T. 0.00 min
Lab File: BF121412.D
Acq: 24 Aug 2020 22:01

Instrument :
BNA_F
ClientSampleId :
20200509-COMPOSITE-A

Tot Ion:164 Resp: 301677
Ion Ratio Lower Upper
164 100
162 101.1 81.7 122.5
160 46.0 37.0 55.4

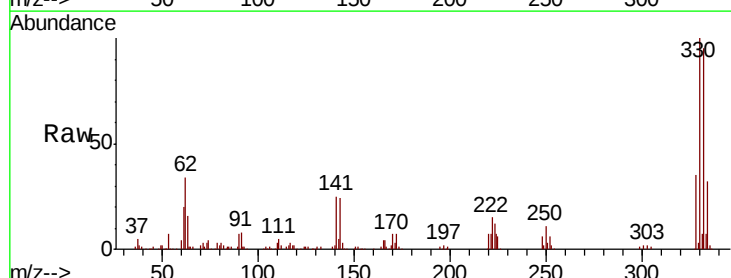


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

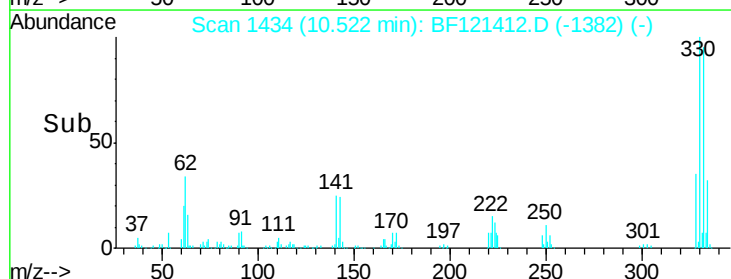
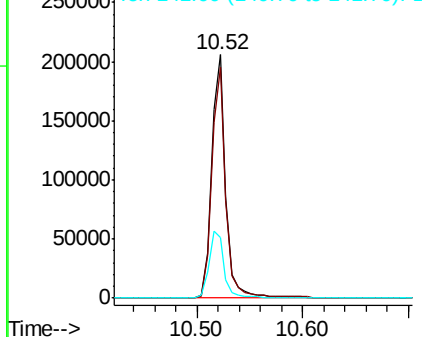


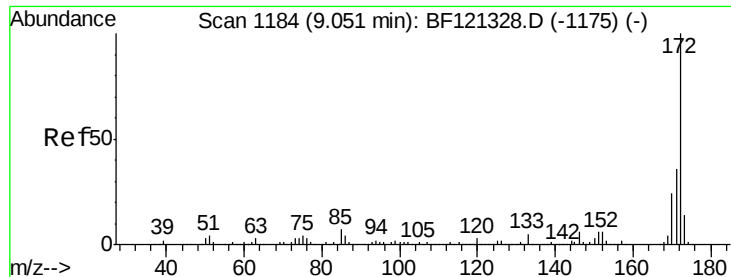
#42
2,4,6-Tribromophenol
Concen: 54.840 ng
RT: 10.52 min Scan# 1434
Delta R.T. 0.01 min
Lab File: BF121412.D
Acq: 24 Aug 2020 22:01

Tgt Ion:330 Resp: 192790
Ion Ratio Lower Upper
330 100
332 94.9 76.9 115.3
141 29.7 22.8 34.2



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

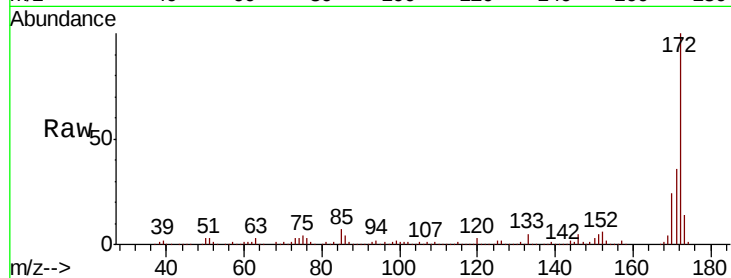




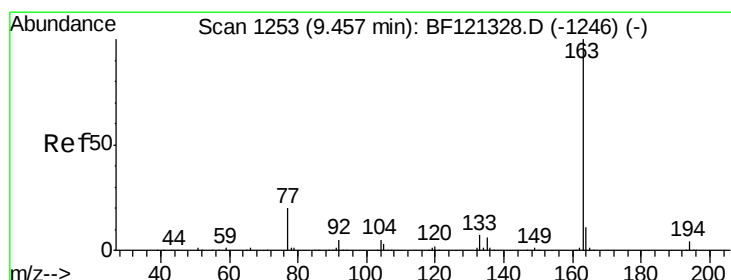
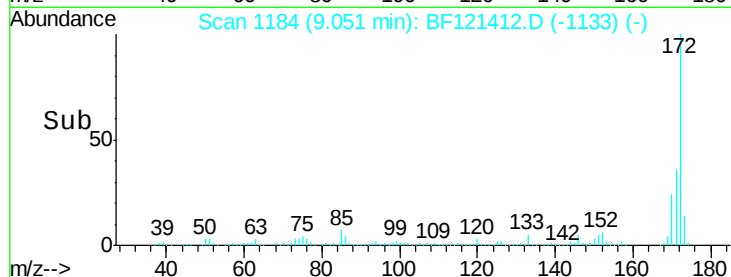
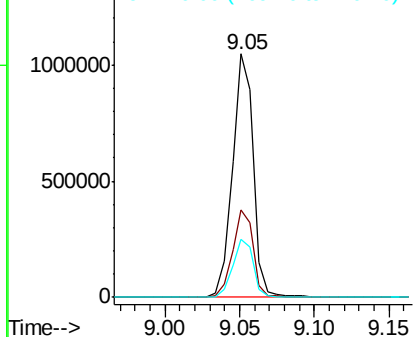
#45
2-Fluorobiphenyl
Concen: 62.072 ng
RT: 9.05 min Scan# 1184
Delta R.T. 0.00 min
Lab File: BF121412.D
Acq: 24 Aug 2020 22:01

Instrument :
BNA_F
ClientSampleId :
20200509-COMPOSITE-A

Tot Ion:172 Resp: 1030243
Ion Ratio Lower Upper
172 100
171 36.0 29.0 43.6
170 23.6 19.4 29.2

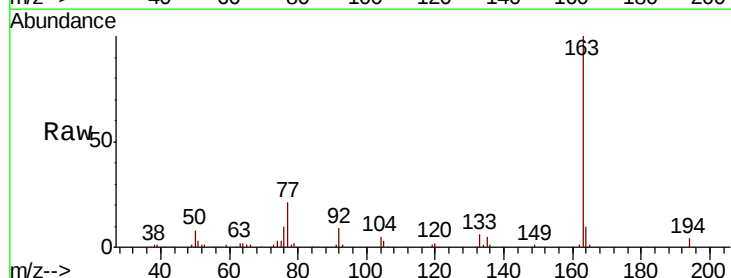


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

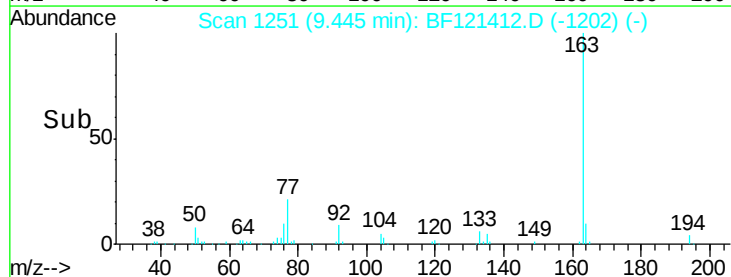
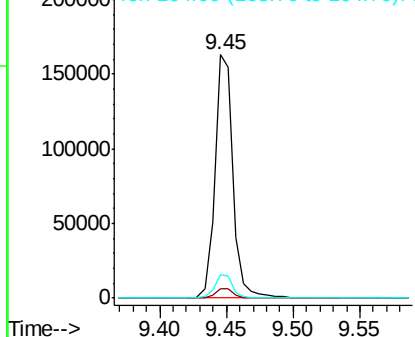


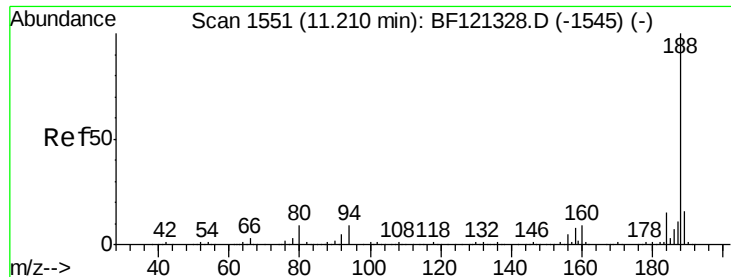
#50
Dimethylphthalate
Concen: 7.061 ng
RT: 9.45 min Scan# 1251
Delta R.T. -0.01 min
Lab File: BF121412.D
Acq: 24 Aug 2020 22:01

Tgt Ion:163 Resp: 154973
Ion Ratio Lower Upper
163 100
194 3.7 3.0 4.6
164 9.7 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

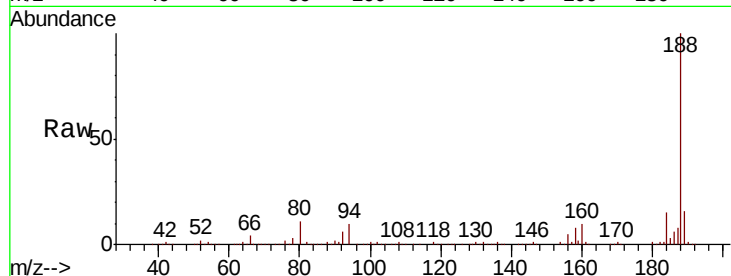




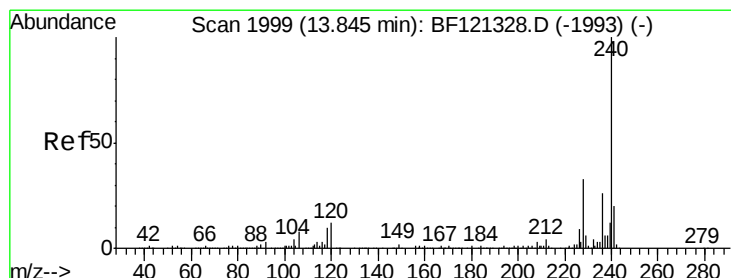
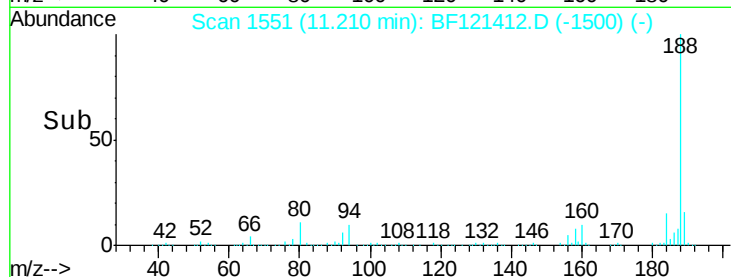
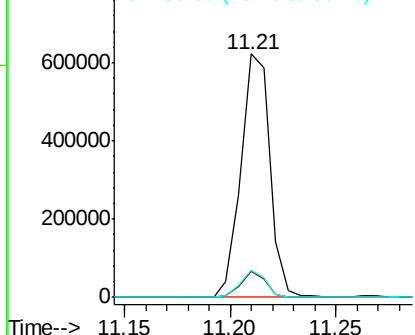
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.21 min Scan# 1551
Delta R.T. 0.00 min
Lab File: BF121412.D
Acq: 24 Aug 2020 22:01

Instrument :
BNA_F
ClientSampleId :
20200509-COMPOSITE-A

Tot Ion:188 Resp: 594033
Ion Ratio Lower Upper
188 100
94 10.4 7.2 10.8
80 11.0 7.4 11.0

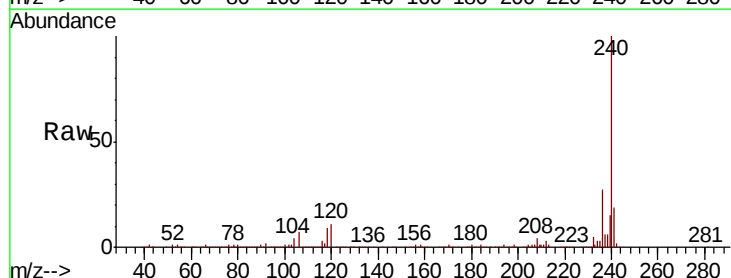


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

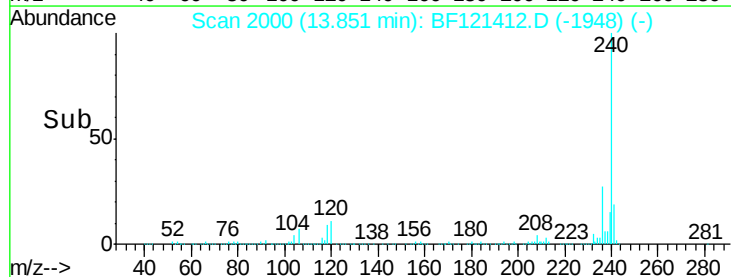
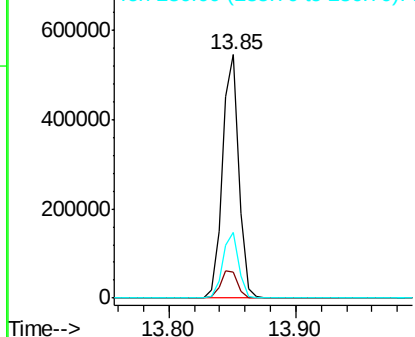


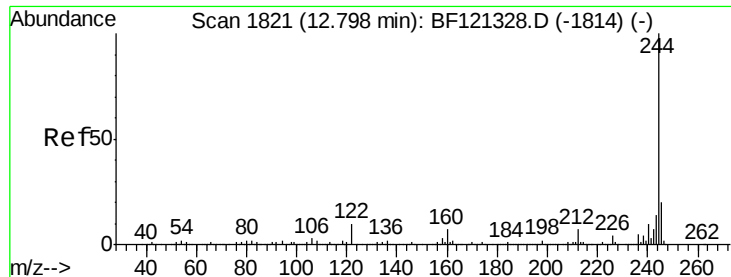
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.85 min Scan# 2000
Delta R.T. 0.01 min
Lab File: BF121412.D
Acq: 24 Aug 2020 22:01

Tgt Ion:240 Resp: 489873
Ion Ratio Lower Upper
240 100
120 10.9 9.6 14.4
236 26.7 20.6 31.0



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





#79

Terphenyl-d14

Concen: 39.394 ng

RT: 12.80 min Scan# 1821

Delta R.T. 0.00 min

Lab File: BF121412.D

Acq: 24 Aug 2020 22:01

Instrument :

BNA_F

ClientSampleId :

20200509-COMPOSITE-A

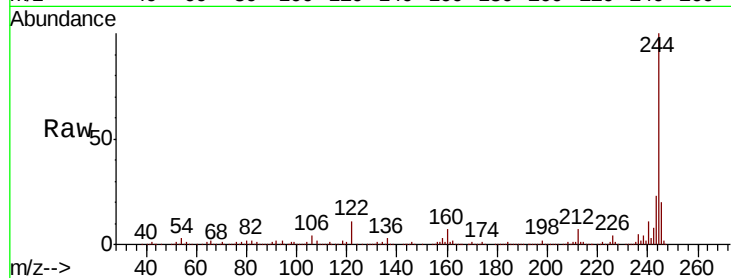
Tot Ion:244 Resp: 987547

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

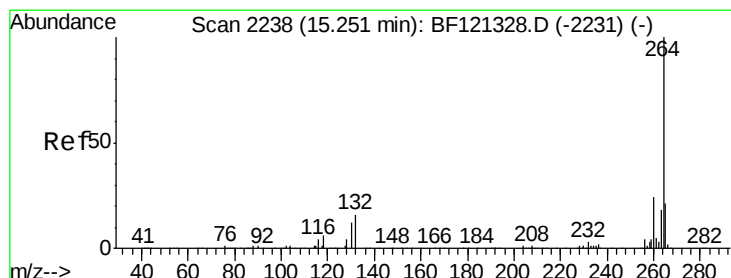
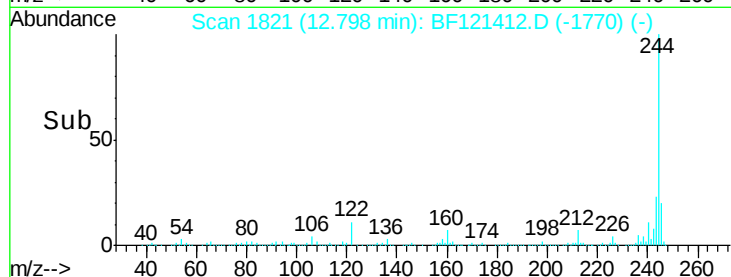
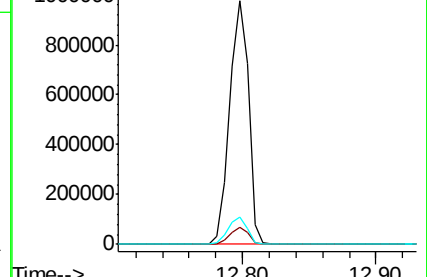
122 11.3 7.8 11.8



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: 15.26 min Scan# 2240

Delta R.T. 0.01 min

Lab File: BF121412.D

Acq: 24 Aug 2020 22:01

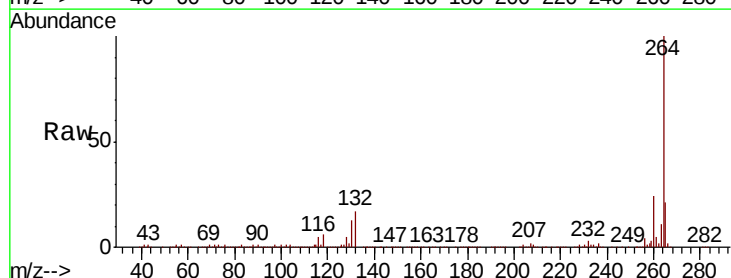
Tgt Ion:264 Resp: 448983

Ion Ratio Lower Upper

264 100

260 23.8 19.5 29.3

265 21.4 17.1 25.7



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

