

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP010820\
 Data File : BP001571.D
 Acq On : 09 Jan 2020 01:54
 Operator : JU
 Sample : L1051-06
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SB-3F-(8.5-10.5)

Quant Time: Jan 09 05:45:19 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP010820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 08 15:02:19 2020
 Response via : Initial Calibration

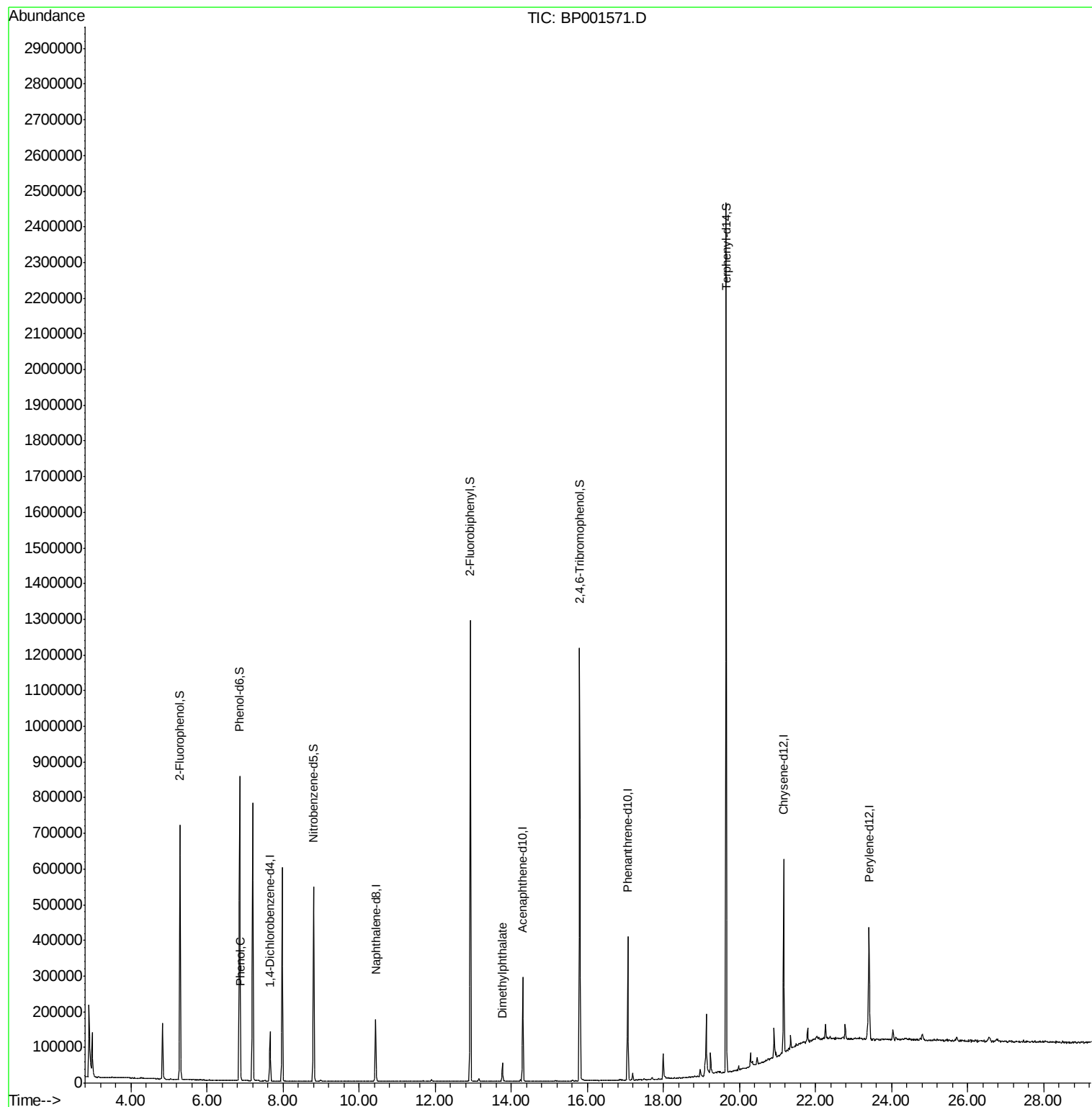
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	29731	20.00	ng	0.00
21) Naphthalene-d8	10.43	136	121076	20.00	ng	0.00
39) Acenaphthene-d10	14.30	164	91437	20.00	ng	-0.01
64) Phenanthrene-d10	17.06	188	233509	20.00	ng	0.00
76) Chrysene-d12	21.16	240	228277	20.00	ng	-0.01
87) Perylene-d12	23.41	264	235830	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	224193	147.72	ng	0.00
7) Phenol-d6	6.86	99	352154	145.18	ng	0.00
23) Nitrobenzene-d5	8.80	82	252919	91.28	ng	0.00
42) 2,4,6-Tribromophenol	15.80	330	193279	138.86	ng	0.00
45) 2-Fluorobiphenyl	12.92	172	585053	94.07	ng	0.00
79) Terphenyl-d14	19.65	244	1041091	83.42	ng	0.00
Target Compounds						
10) Phenol	6.88	94	8100	3.228	ng	Qvalue # 78
50) Dimethylphthalate	13.77	163	27558	3.659	ng	97

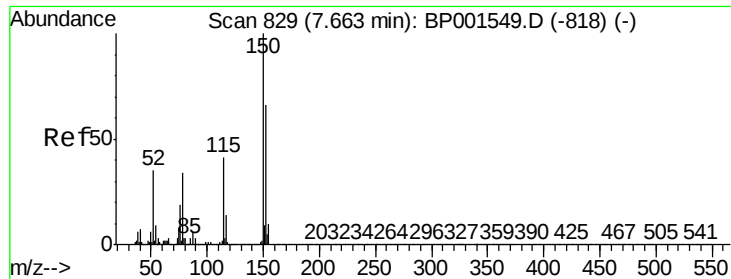
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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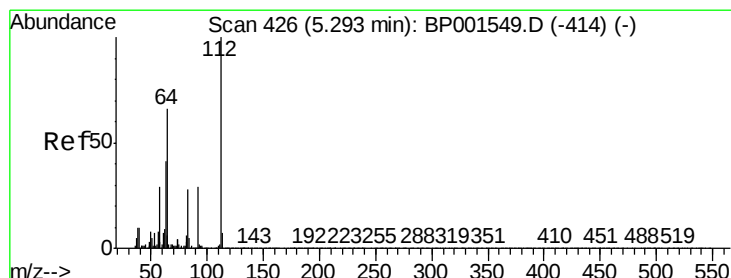
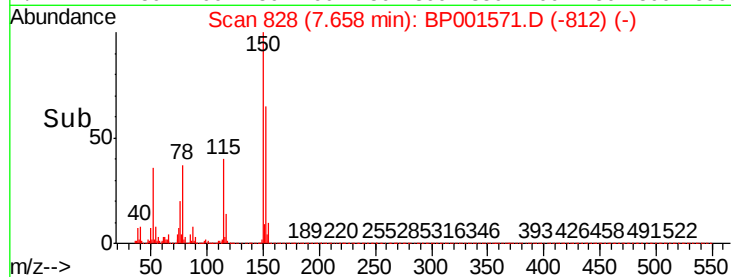
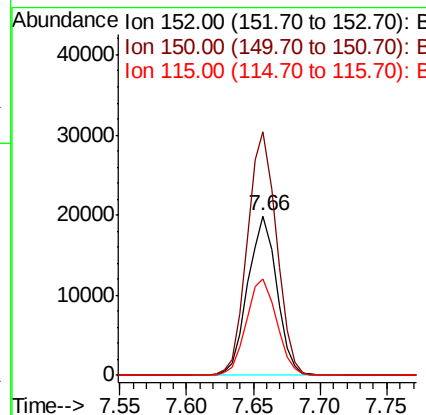
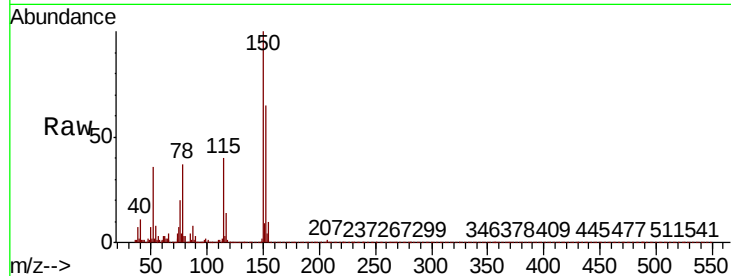


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.66 min Scan# 828
Delta R.T. -0.01 min
Lab File: BP001571.D
Acq: 09 Jan 2020 01:54

Instrument :
BNA_P
ClientSampleId :
SB-3F-(8.5-10.5)

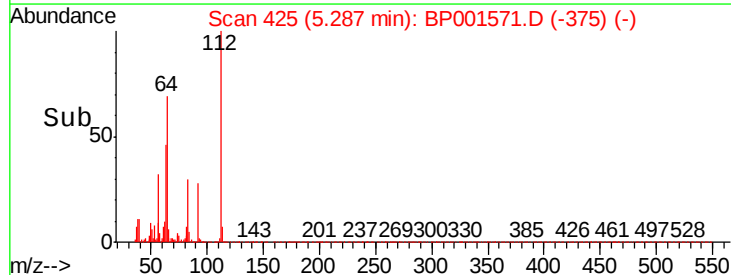
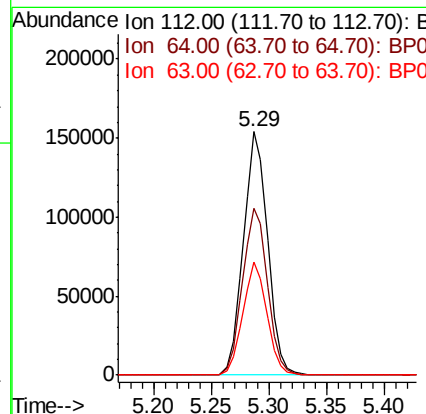
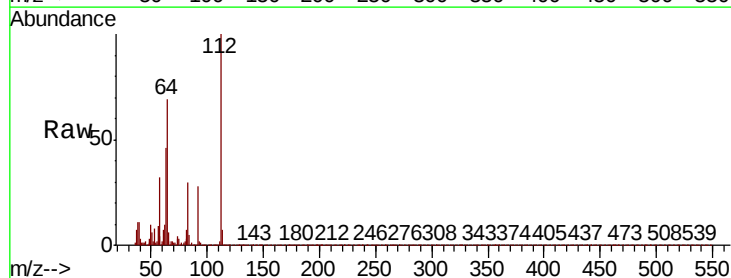
Tot Ion	Ratio	Lower	Upper
152	100		
150	152.9	122.0	183.0
115	60.7	50.7	76.1

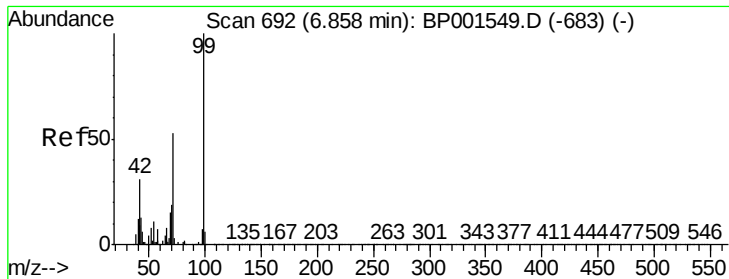


#5

2-Fluorophenol
Concen: 147.715 ng
RT: 5.29 min Scan# 425
Delta R.T. -0.01 min
Lab File: BP001571.D
Acq: 09 Jan 2020 01:54

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.6	52.8	79.2
63	46.2	33.1	49.7





#7

Phenol-d6

Concen: 145.180 ng

RT: 6.86 min Scan# 692

Delta R.T. 0.00 min

Lab File: BP001571.D

Acq: 09 Jan 2020 01:54

Instrument :

BNA_P

ClientSampleId :

SB-3F-(8.5-10.5)

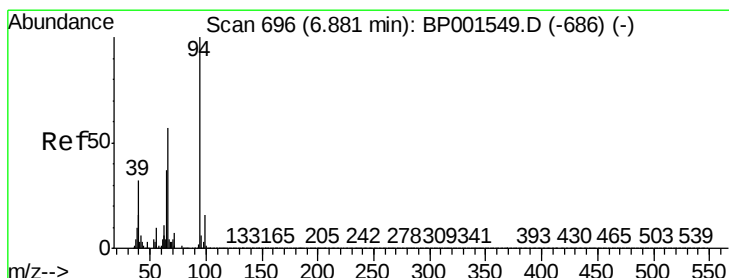
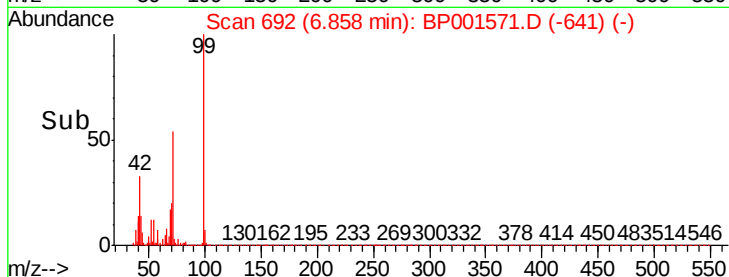
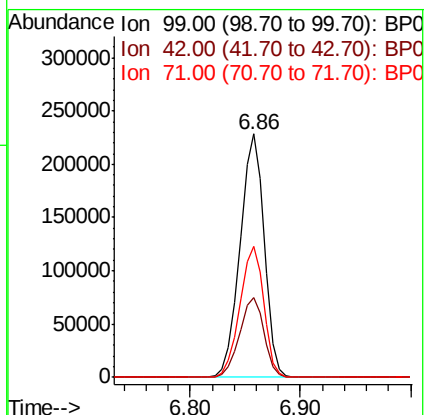
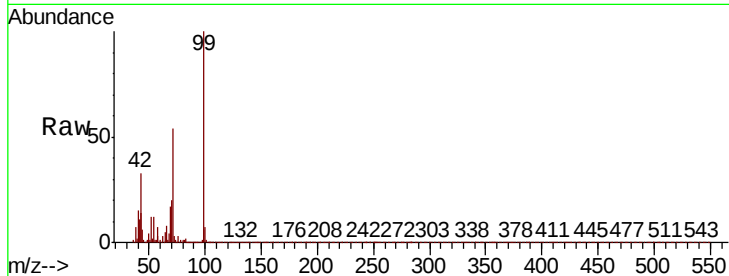
Tot Ion: 99 Resp: 352154

Ion Ratio Lower Upper

99 100

42 32.9 24.5 36.7

71 53.7 42.4 63.6



#10

Phenol

Concen: 3.228 ng

RT: 6.88 min Scan# 696

Delta R.T. 0.00 min

Lab File: BP001571.D

Acq: 09 Jan 2020 01:54

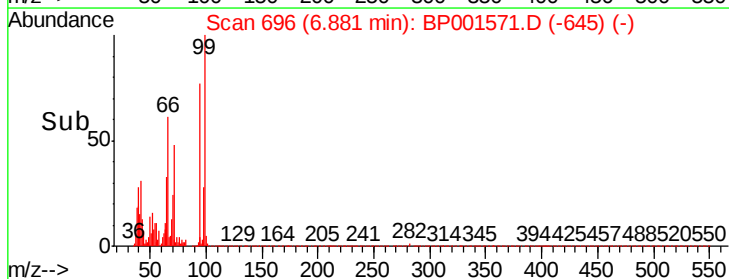
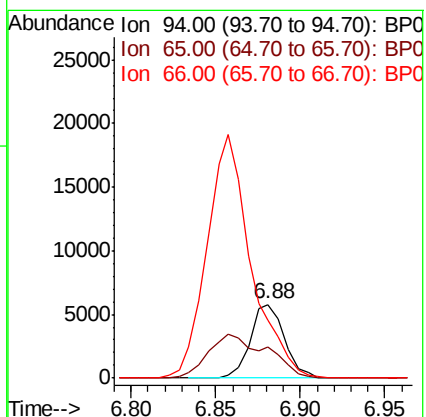
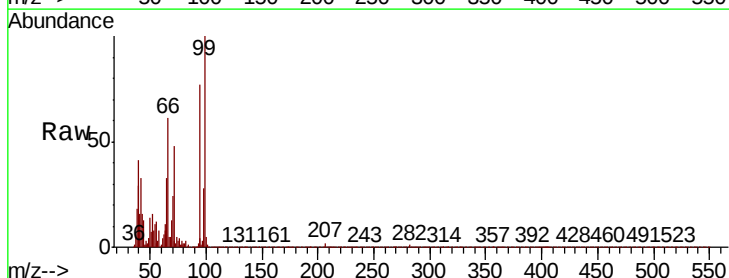
Tgt Ion: 94 Resp: 8100

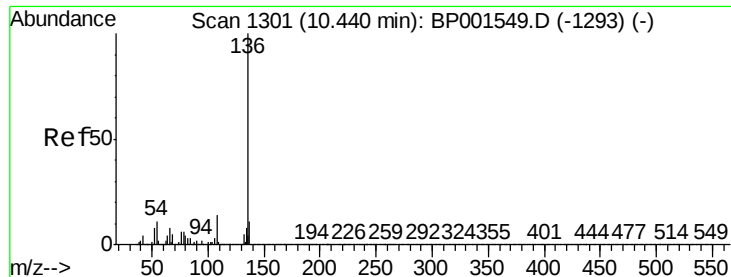
Ion Ratio Lower Upper

94 100

65 42.5 17.5 57.5

66 79.2 36.7 76.7#

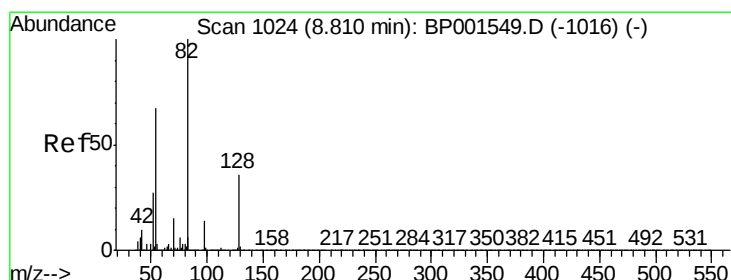
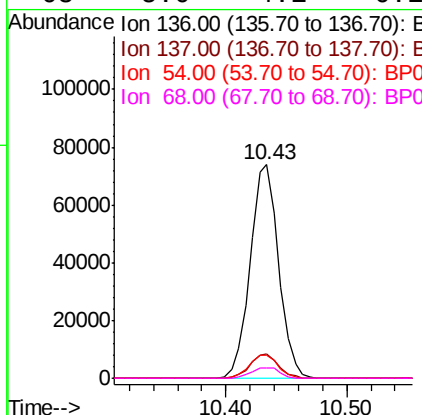
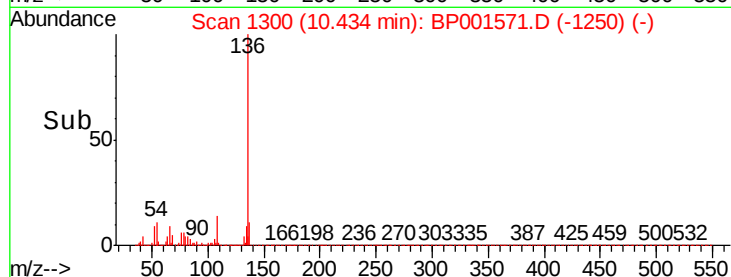
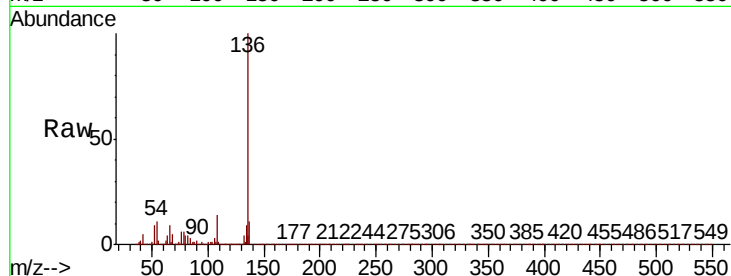




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.43 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BP001571.D
Acq: 09 Jan 2020 01:54

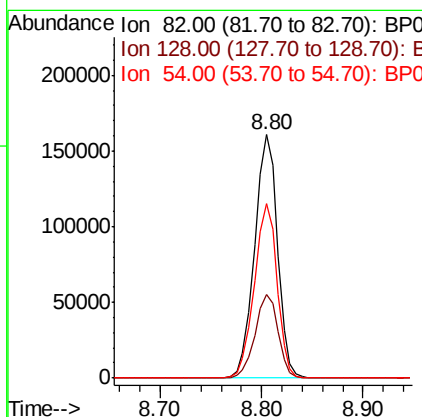
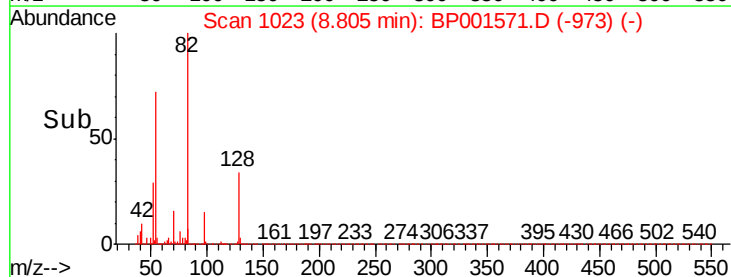
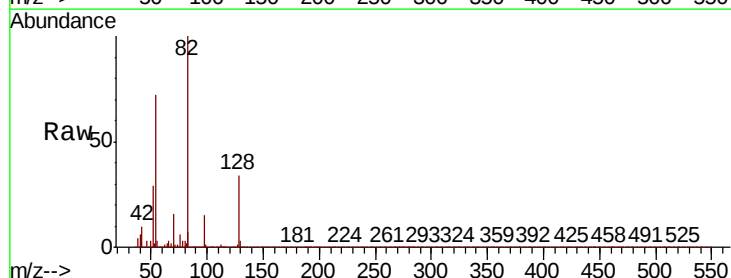
Instrument :
BNA_P
ClientSampleId :
SB-3F-(8.5-10.5)

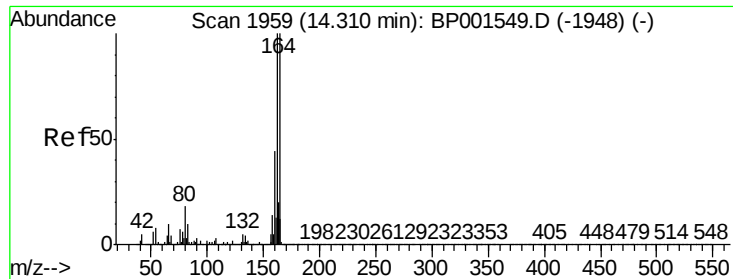
Tot Ion:136	Resp:	121076
Ion	Ratio	Lower Upper
136	100	
137	11.2	8.6 12.8
54	10.7	9.2 13.8
68	5.0	4.1 6.1



#23
Nitrobenzene-d5
Concen: 91.281 ng
RT: 8.80 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BP001571.D
Acq: 09 Jan 2020 01:54

Tgt Ion: 82	Resp:	252919
Ion	Ratio	Lower Upper
82	100	
128	34.5	28.4 42.6
54	71.9	53.4 80.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.30 min Scan# 1957

Delta R.T. -0.01 min

Lab File: BP001571.D

Acq: 09 Jan 2020 01:54

Instrument :

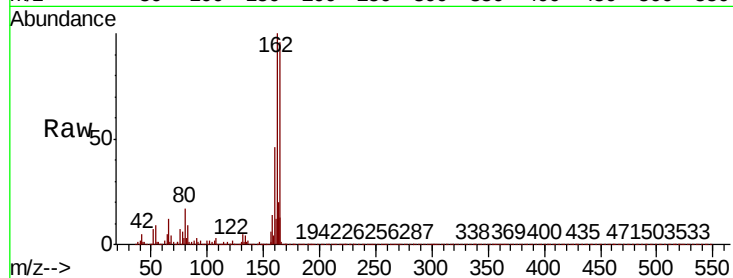
BNA_P

ClientSampleId :

SB-3F-(8.5-10.5)

Tot Ion:164 Resp: 91437

Ion	Ratio	Lower	Upper
164	100		
162	104.4	79.8	119.6
160	47.6	35.0	52.6

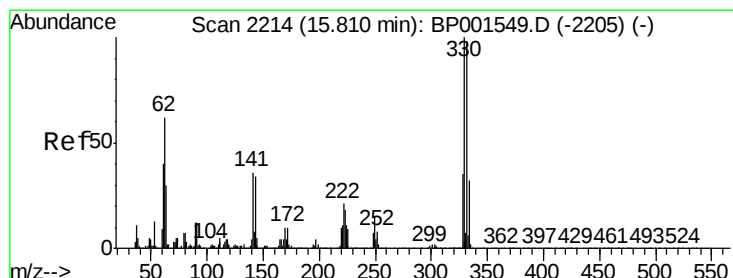
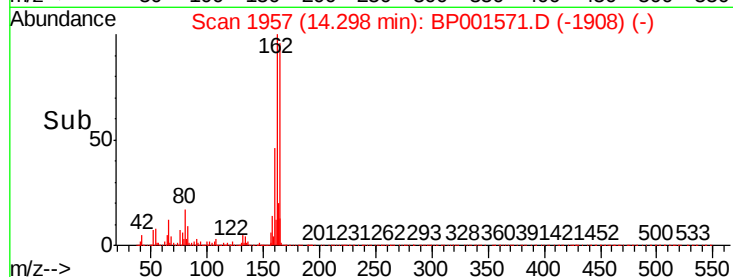
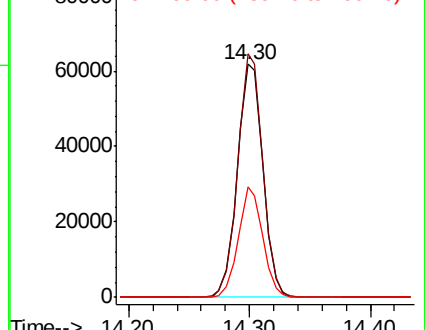


Abundance

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: 138.865 ng

RT: 15.80 min Scan# 2213

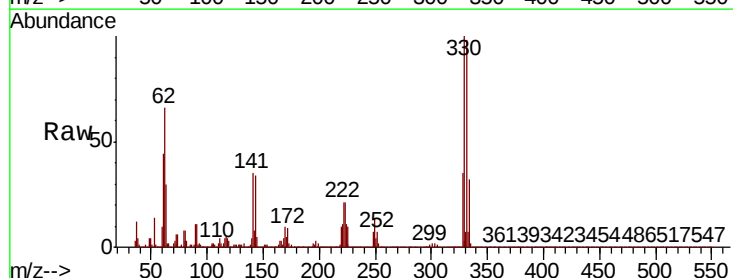
Delta R.T. -0.01 min

Lab File: BP001571.D

Acq: 09 Jan 2020 01:54

Tgt Ion:330 Resp: 193279

Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.8	116.6
141	37.8	28.7	43.1

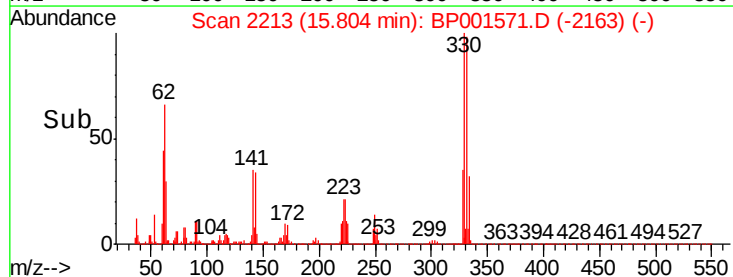
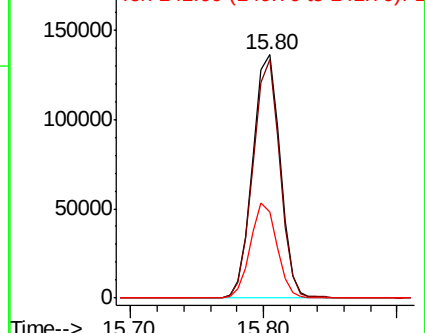


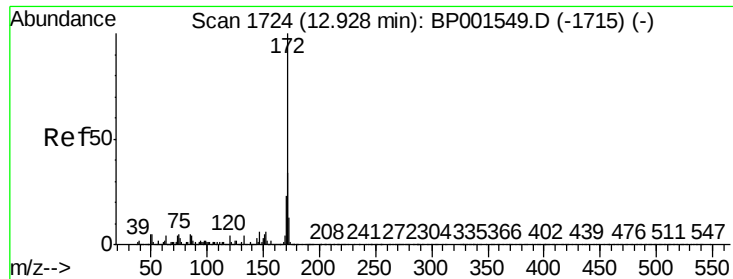
Abundance

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

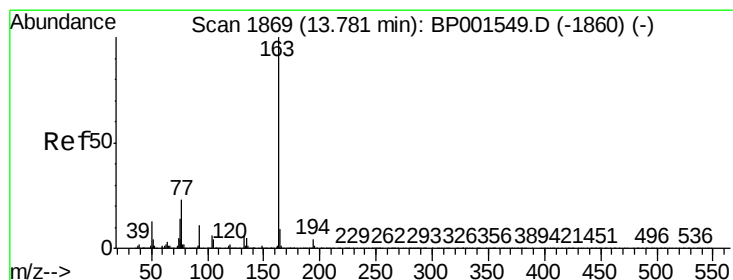
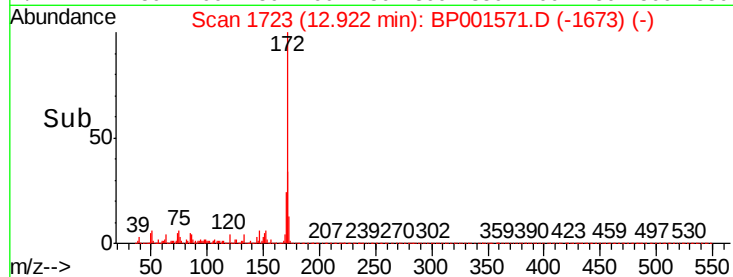
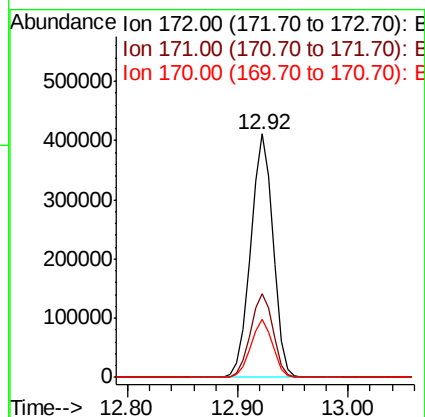
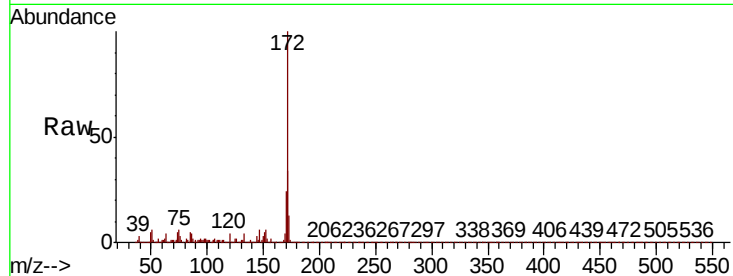




#45
2-Fluorobiphenyl
Concen: 94.074 ng
RT: 12.92 min Scan# 1723
Delta R.T. -0.01 min
Lab File: BP001571.D
Acq: 09 Jan 2020 01:54

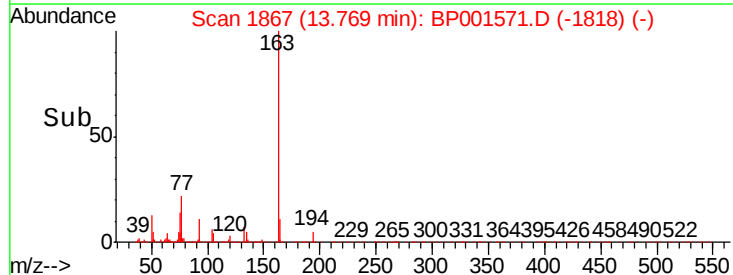
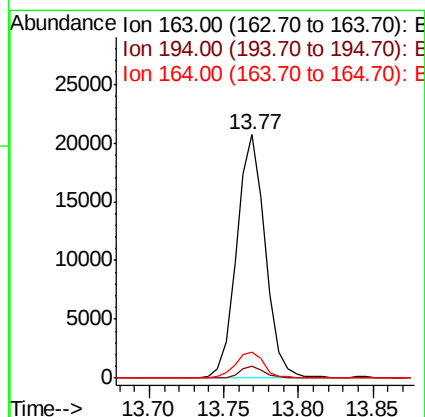
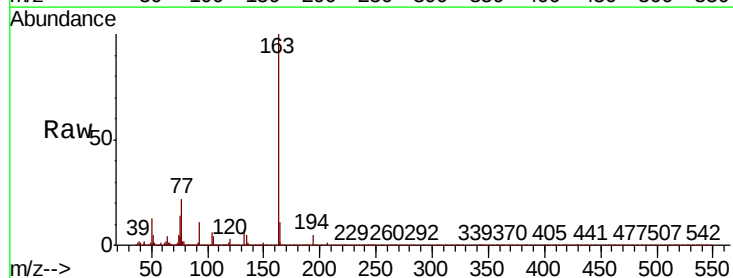
Instrument :
BNA_P
ClientSampleId :
SB-3F-(8.5-10.5)

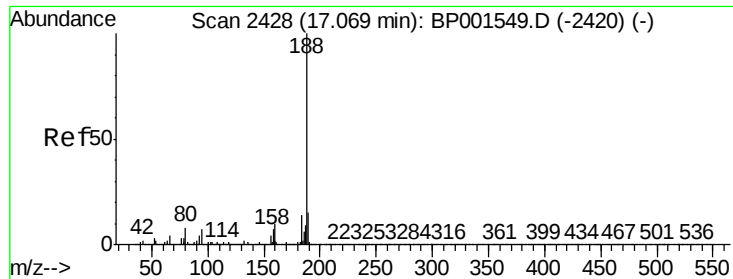
Tot Ion:172 Resp: 585053
Ion Ratio Lower Upper
172 100
171 34.2 27.6 41.4
170 23.6 18.3 27.5



#50
Dimethylphthalate
Concen: 3.659 ng
RT: 13.77 min Scan# 1867
Delta R.T. -0.01 min
Lab File: BP001571.D
Acq: 09 Jan 2020 01:54

Tgt Ion:163 Resp: 27558
Ion Ratio Lower Upper
163 100
194 4.8 3.6 5.4
164 10.7 7.5 11.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.06 min Scan# 2427

Delta R.T. -0.01 min

Lab File: BP001571.D

Acq: 09 Jan 2020 01:54

Instrument :

BNA_P

ClientSampleId :

SB-3F-(8.5-10.5)

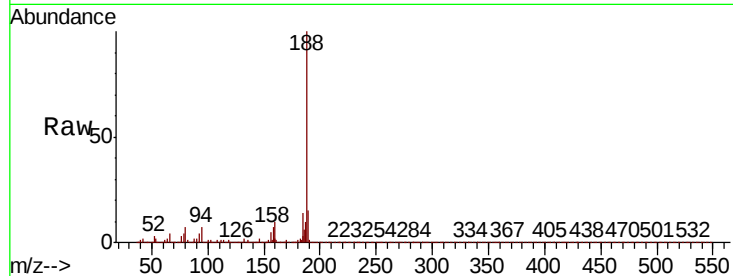
Tot Ion:188 Resp: 233509

Ion Ratio Lower Upper

188 100

94 7.3 5.9 8.9

80 7.4 6.8 10.2



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BP0

Ion 80.00 (79.70 to 80.70): BP0

200000

150000

100000

50000

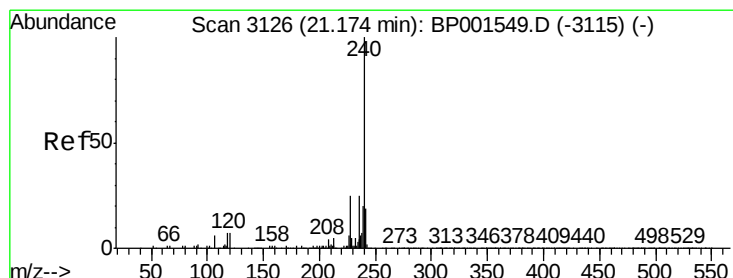
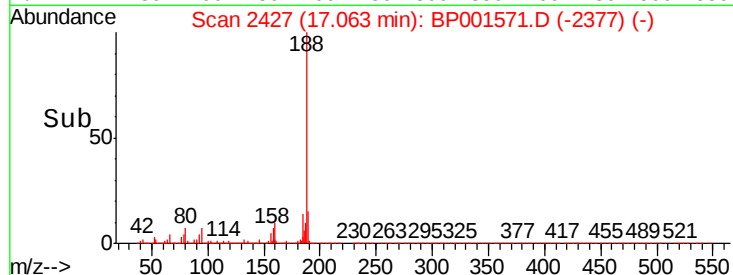
0

17.06

17.00

17.10

Time-->



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.16 min Scan# 3124

Delta R.T. -0.01 min

Lab File: BP001571.D

Acq: 09 Jan 2020 01:54

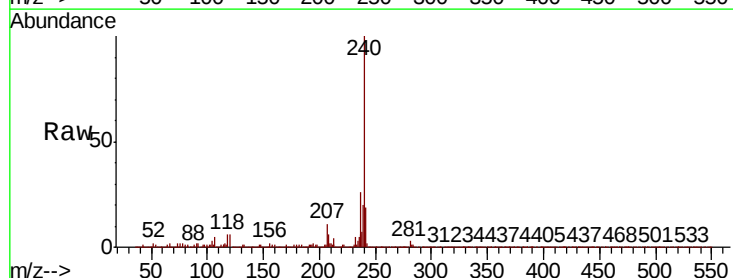
Tgt Ion:240 Resp: 228277

Ion Ratio Lower Upper

240 100

120 6.5 5.7 8.5

236 26.0 20.4 30.6



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

250000

200000

150000

100000

50000

0

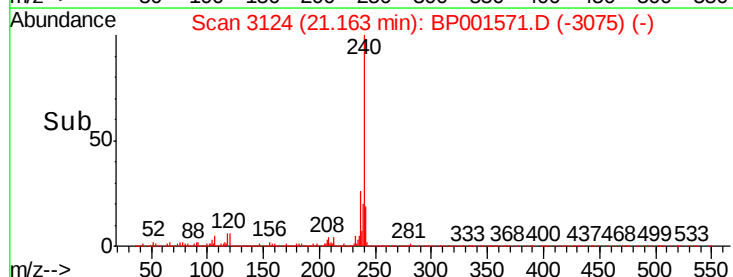
21.16

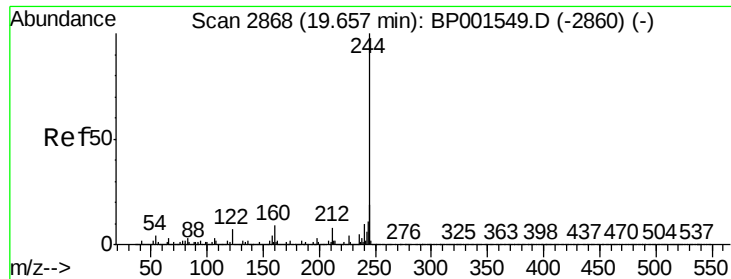
21.10

21.20

21.30

Time-->





#79

Terphenyl-d14

Concen: 83.416 ng

RT: 19.65 min Scan# 2867

Delta R.T. -0.01 min

Lab File: BP001571.D

Acq: 09 Jan 2020 01:54

Instrument :

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ClientSampleId :

SB-3F-(8.5-10.5)

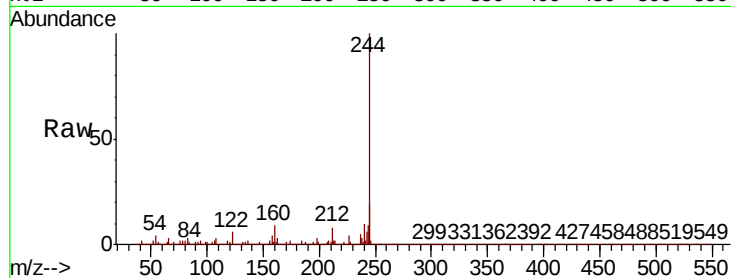
Tot Ion:244 Resp: 1041091

Ion Ratio Lower Upper

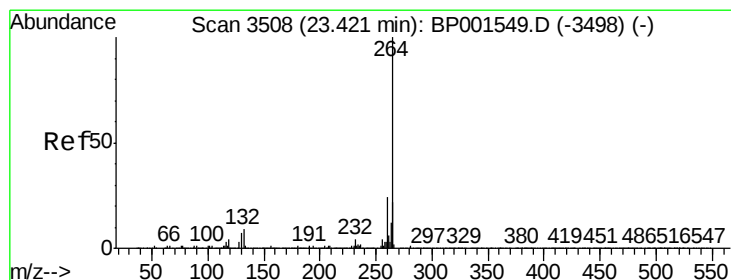
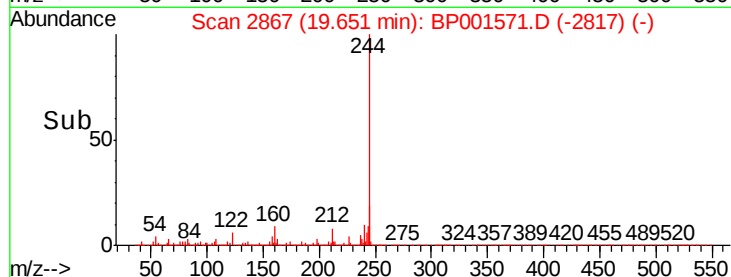
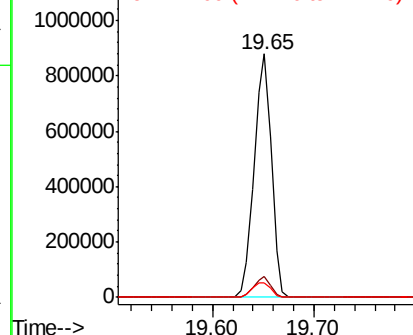
244 100

212 8.5 6.3 9.5

122 6.2 5.8 8.6



Abundance Ion 244.00 (243.70 to 244.70): E
1200000
Ion 212.00 (211.70 to 212.70): E
1000000
Ion 122.00 (121.70 to 122.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 23.41 min Scan# 3506

Delta R.T. -0.01 min

Lab File: BP001571.D

Acq: 09 Jan 2020 01:54

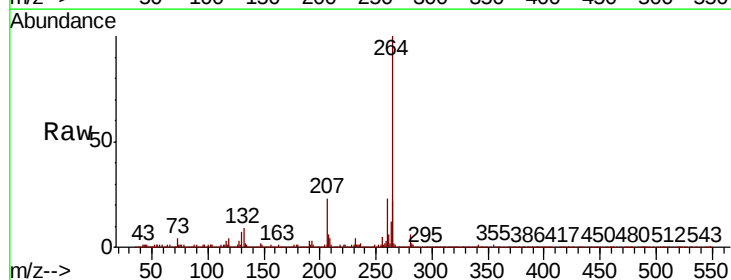
Tgt Ion:264 Resp: 235830

Ion Ratio Lower Upper

264 100

260 23.4 19.0 28.6

265 22.2 18.2 27.4



Abundance Ion 264.00 (263.70 to 264.70): E
150000
Ion 260.00 (259.70 to 260.70): E
100000
Ion 265.00 (264.70 to 265.70): E

