

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062620\
 Data File : BF120721.D
 Acq On : 26 Jun 2020 20:58
 Operator : JU/CG
 Sample : L2810-16
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-062420

Quant Time: Jun 29 02:40:20 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 11 11:28:22 2020
 Response via : Initial Calibration

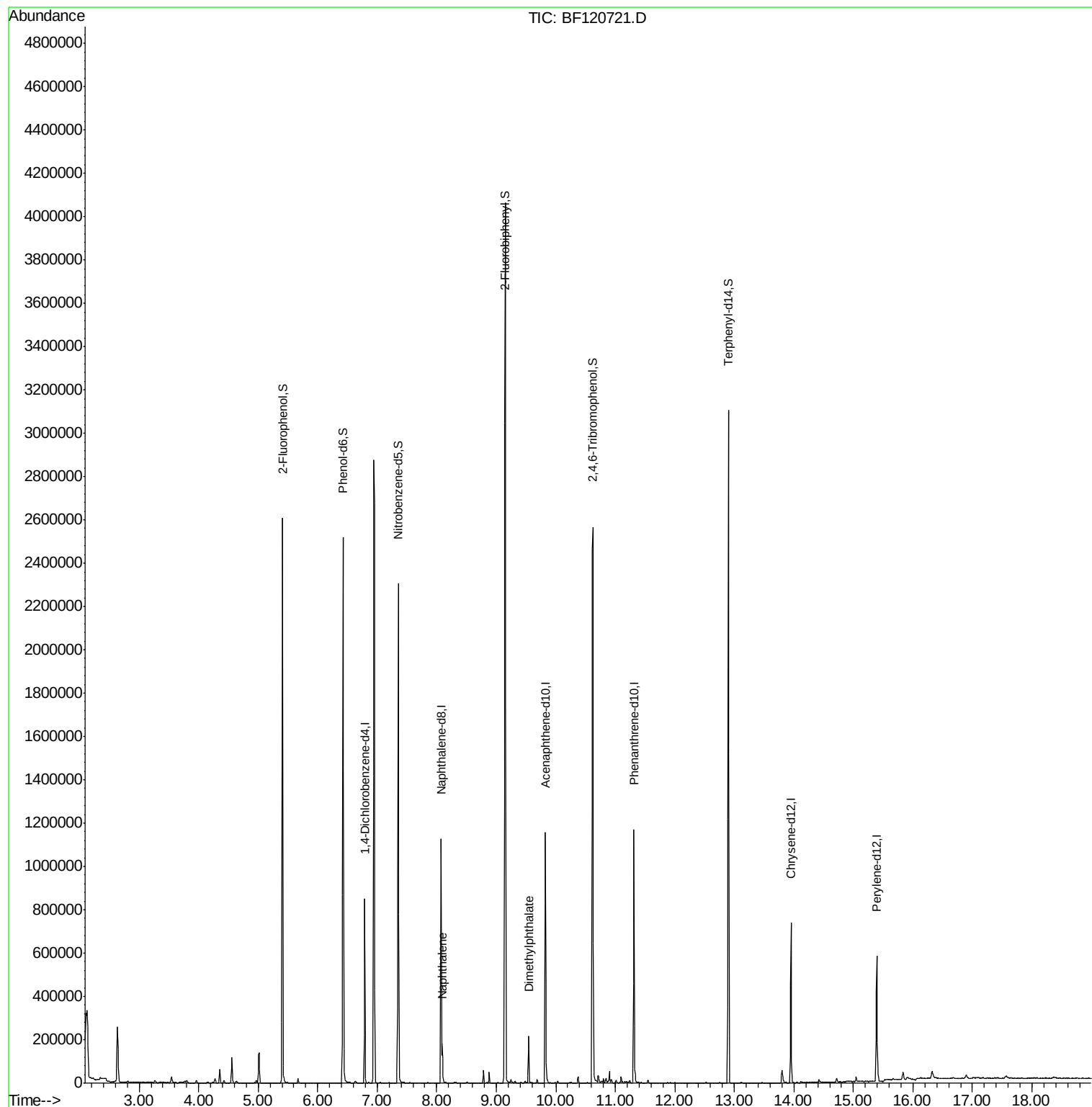
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	139025	20.00	ng	-0.01
21) Naphthalene-d8	8.07	136	532405	20.00	ng	-0.01
39) Acenaphthene-d10	9.83	164	228702	20.00	ng	-0.01
64) Phenanthrene-d10	11.31	188	463402	20.00	ng	-0.01
76) Chrysene-d12	13.95	240	263467	20.00	ng	-0.01
86) Perylene-d12	15.39	264	267836	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	768498	94.77	ng	0.00
7) Phenol-d6	6.43	99	927245	91.81	ng	-0.01
23) Nitrobenzene-d5	7.36	82	769602	80.80	ng	-0.01
42) 2,4,6-Tribromophenol	10.62	330	389781	146.59	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	1342136	89.79	ng	-0.01
79) Terphenyl-d14	12.90	244	1191913	99.93	ng	0.00
Target Compounds						
31) Naphthalene	8.09	128	70167	2.684	ng	100
50) Dimethylphthalate	9.55	163	89779	5.451	ng	98

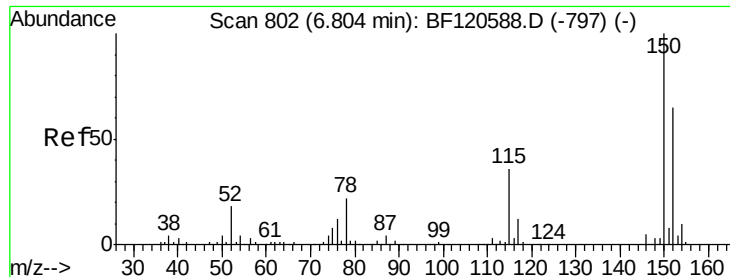
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.79 min Scan# 800

Delta R.T. -0.01 min

Lab File: BF120721.D

Acq: 26 Jun 2020 20:58

Instrument :

BNA_F

ClientSampleId :

CL-01-062420

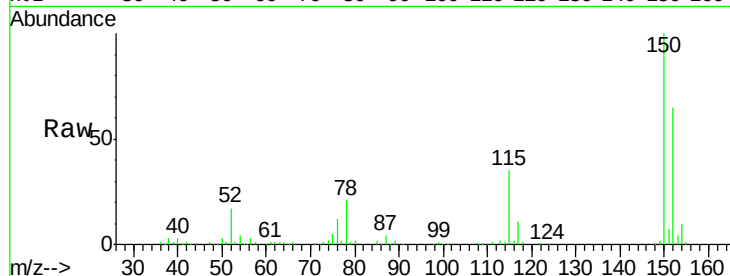
Tot Ion:152 Resp: 139025

Ion Ratio Lower Upper

152 100

150 153.5 123.2 184.8

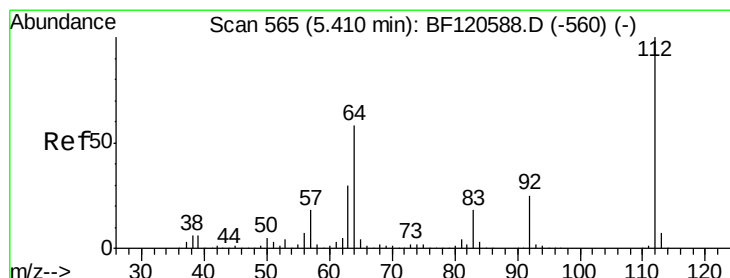
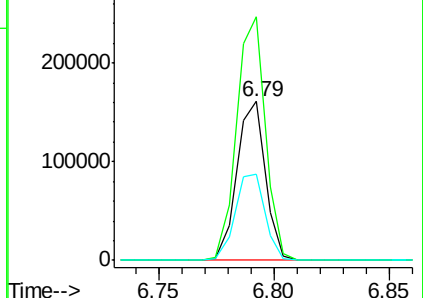
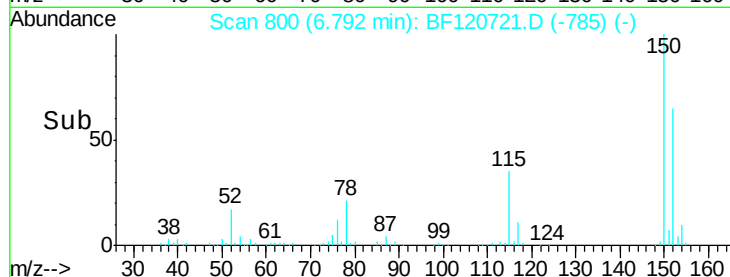
115 54.3 43.9 65.9



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: 94.771 ng

RT: 5.41 min Scan# 565

Delta R.T. -0.01 min

Lab File: BF120721.D

Acq: 26 Jun 2020 20:58

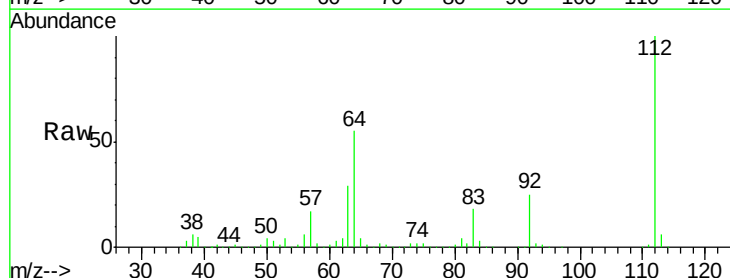
Tgt Ion:112 Resp: 768498

Ion Ratio Lower Upper

112 100

64 54.7 46.1 69.1

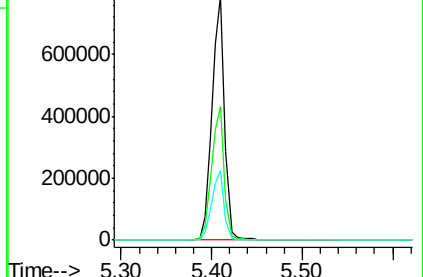
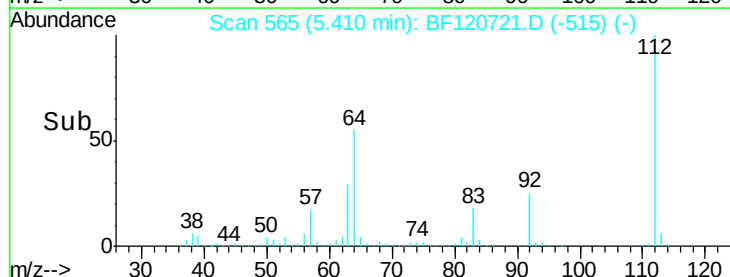
63 28.7 23.7 35.5

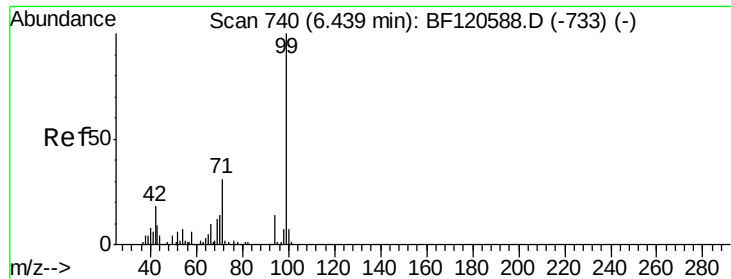


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 91.809 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF120721.D

Acq: 26 Jun 2020 20:58

Instrument :

BNA_F

ClientSampleId :

CL-01-062420

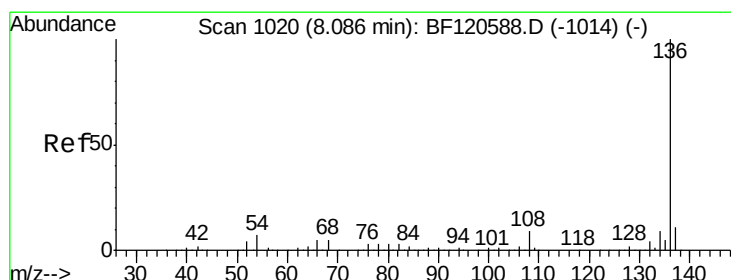
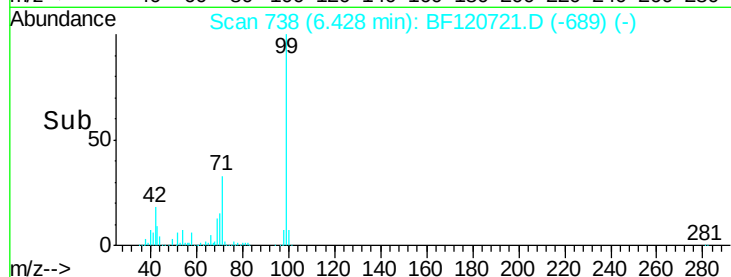
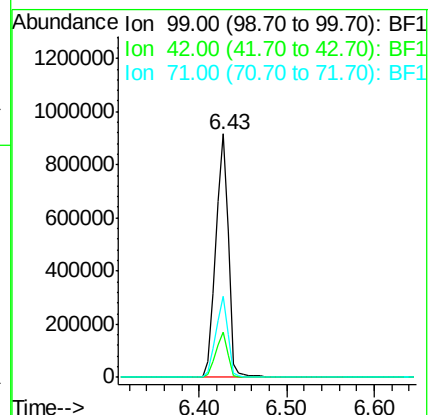
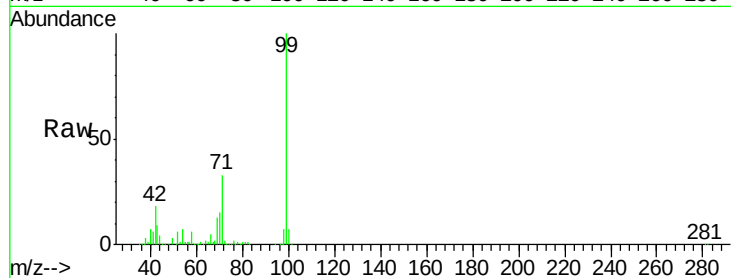
Tot Ion: 99 Resp: 927245

Ion Ratio Lower Upper

99 100

42 18.4 14.0 21.0

71 33.1 24.9 37.3



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1018

Delta R.T. -0.01 min

Lab File: BF120721.D

Acq: 26 Jun 2020 20:58

Tgt Ion: 136 Resp: 532405

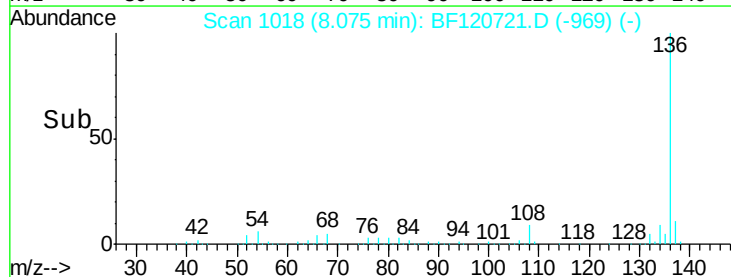
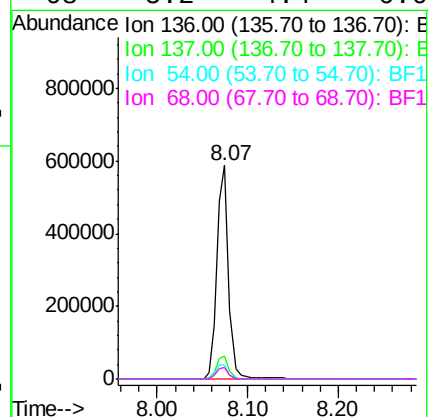
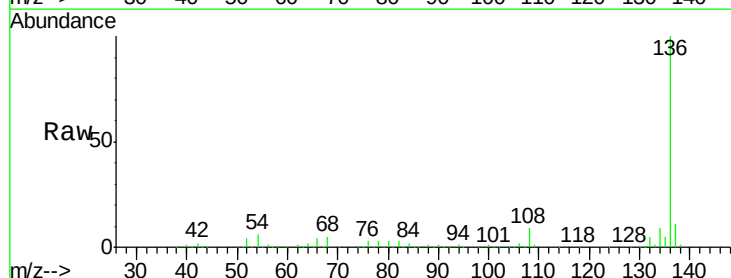
Ion Ratio Lower Upper

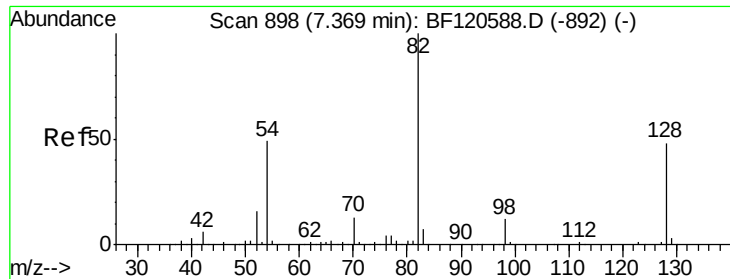
136 100

137 11.0 8.6 13.0

54 6.5 5.8 8.6

68 5.2 4.4 6.6

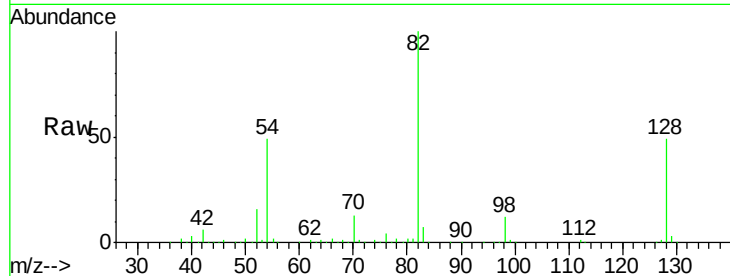




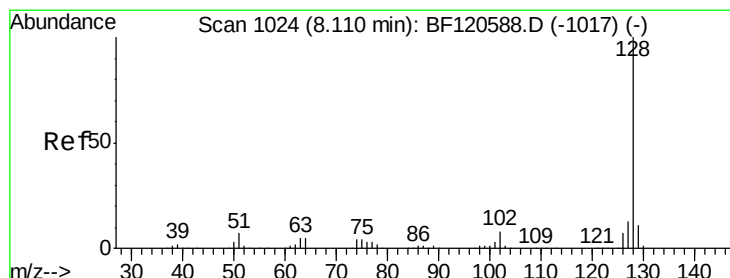
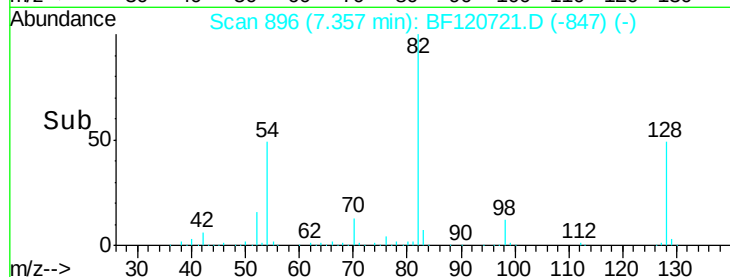
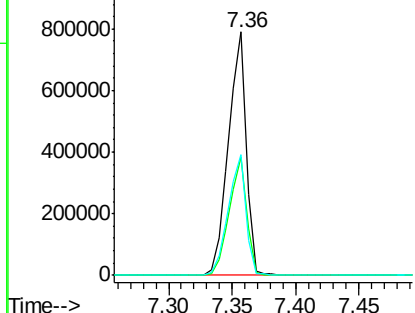
#23
Nitrobenzene-d5
Concen: 80.800 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF120721.D
Acq: 26 Jun 2020 20:58

Instrument :
BNA_F
ClientSampleId :
CL-01-062420

Tot Ion: 82 Resp: 769602
Ion Ratio Lower Upper
82 100
128 48.7 38.0 57.0
54 49.4 38.8 58.2

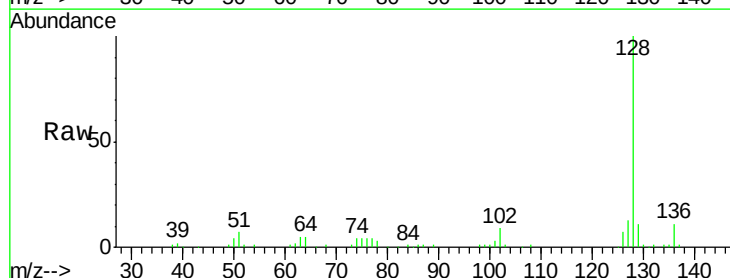


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

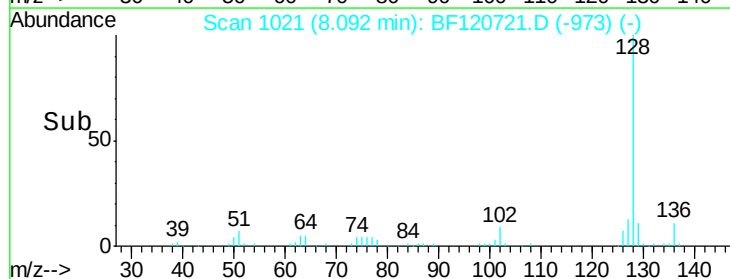
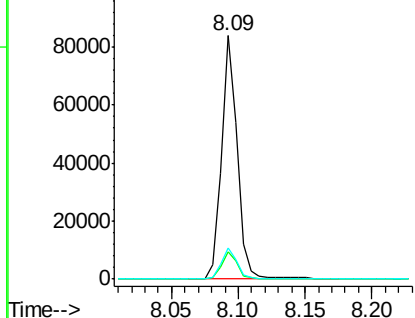


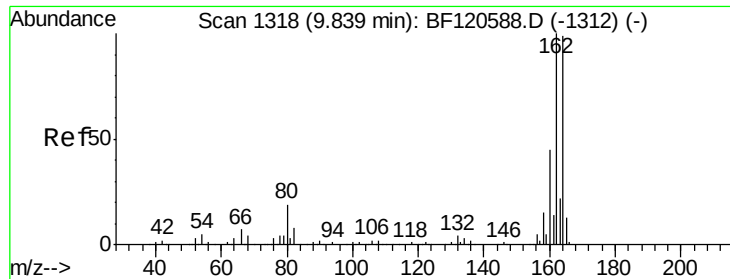
#31
Naphthalene
Concen: 2.684 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.02 min
Lab File: BF120721.D
Acq: 26 Jun 2020 20:58

Tgt Ion: 128 Resp: 70167
Ion Ratio Lower Upper
128 100
129 11.0 8.8 13.2
127 12.9 10.6 15.8



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

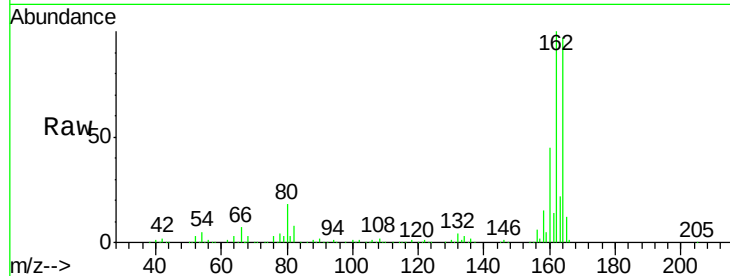




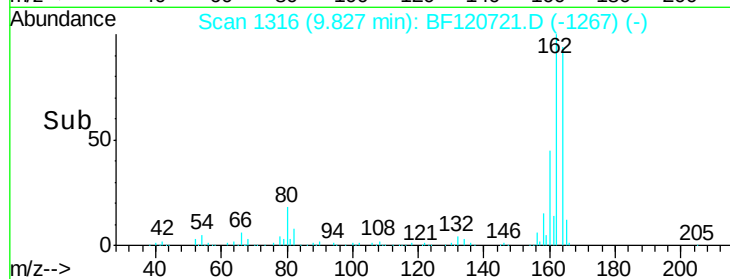
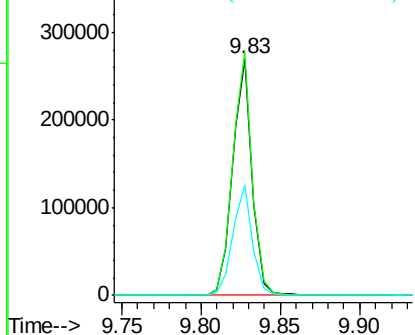
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF120721.D
Acq: 26 Jun 2020 20:58

Instrument :
BNA_F
ClientSampleId :
CL-01-062420

Tot Ion:164 Resp: 228702
Ion Ratio Lower Upper
164 100
162 103.2 80.6 120.8
160 46.7 36.2 54.2

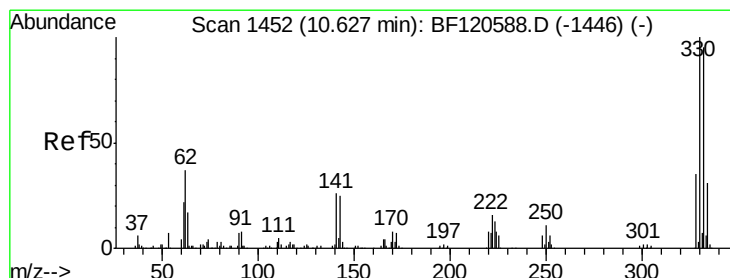


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

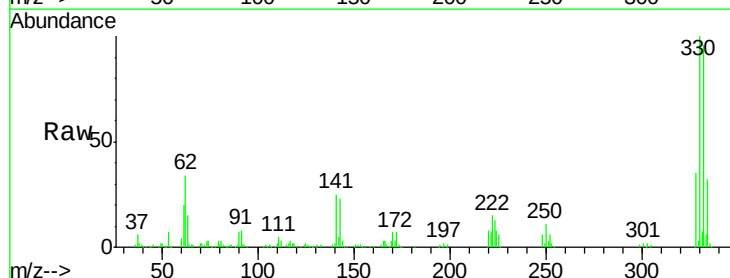
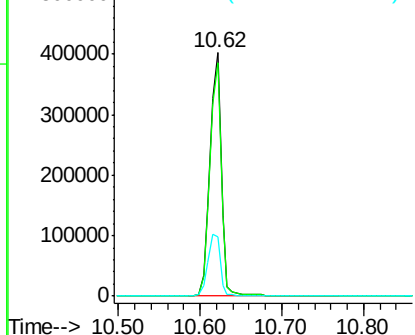


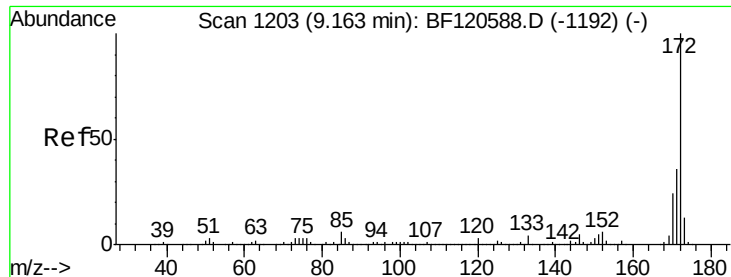
#42
2,4,6-Tribromophenol
Concen: 146.590 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.01 min
Lab File: BF120721.D
Acq: 26 Jun 2020 20:58

Tgt Ion:330 Resp: 389781
Ion Ratio Lower Upper
330 100
332 96.7 76.8 115.2
141 27.9 23.2 34.8



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

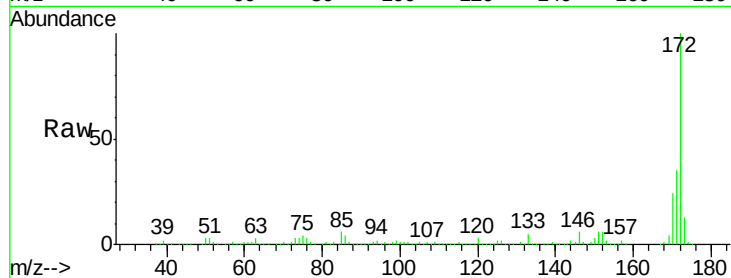




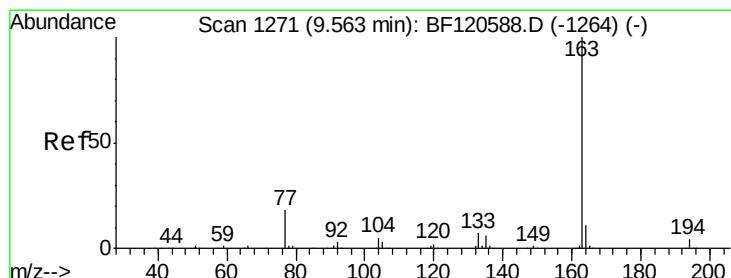
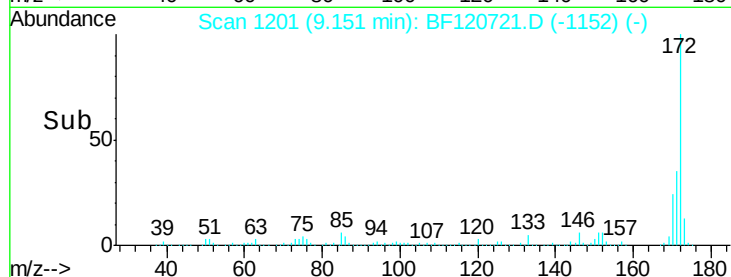
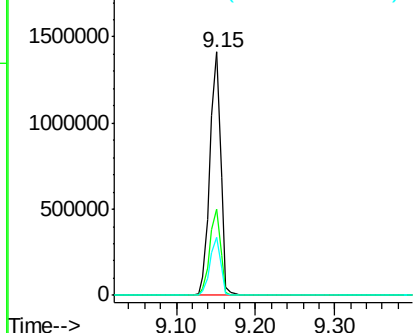
#45
2-Fluorobiphenyl
Concen: 89.787 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.01 min
Lab File: BF120721.D
Acq: 26 Jun 2020 20:58

Instrument :
BNA_F
ClientSampleId :
CL-01-062420

Tot Ion:172 Resp: 1342136
Ion Ratio Lower Upper
172 100
171 35.5 29.0 43.4
170 24.0 19.4 29.2

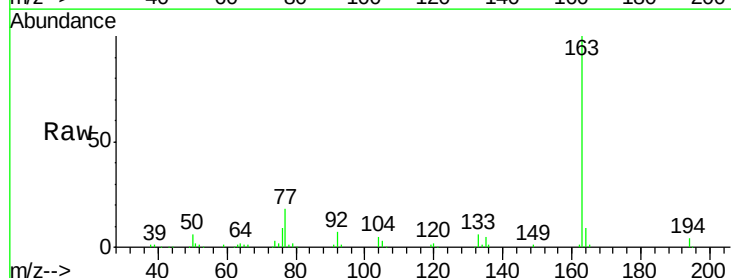


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

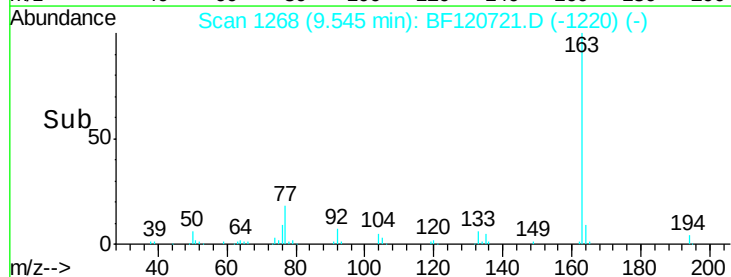
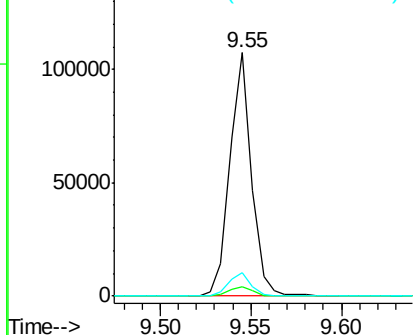


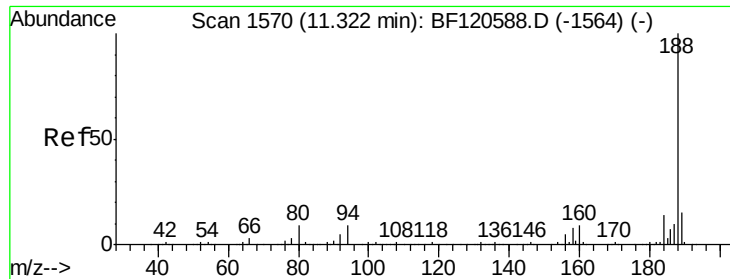
#50
Dimethylphthalate
Concen: 5.451 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.02 min
Lab File: BF120721.D
Acq: 26 Jun 2020 20:58

Tgt Ion:163 Resp: 89779
Ion Ratio Lower Upper
163 100
194 4.0 3.1 4.7
164 9.5 8.5 12.7



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

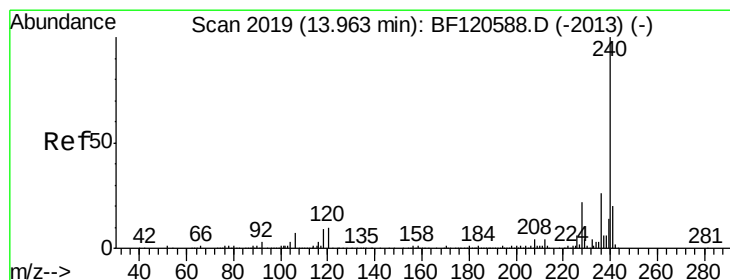
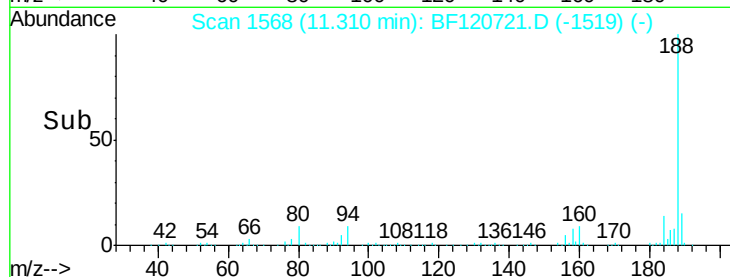
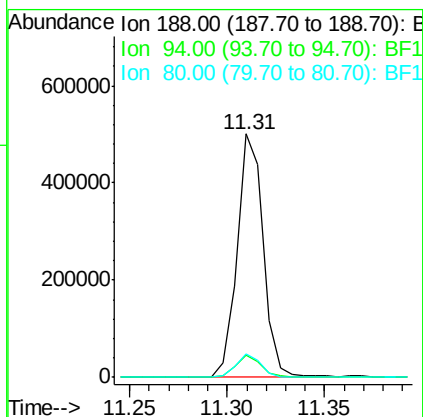
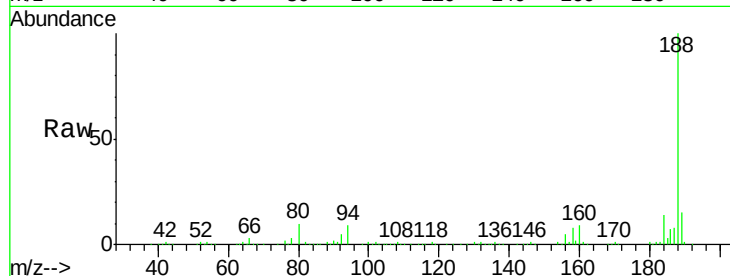




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.31 min Scan# 1568
Delta R.T. -0.01 min
Lab File: BF120721.D
Acq: 26 Jun 2020 20:58

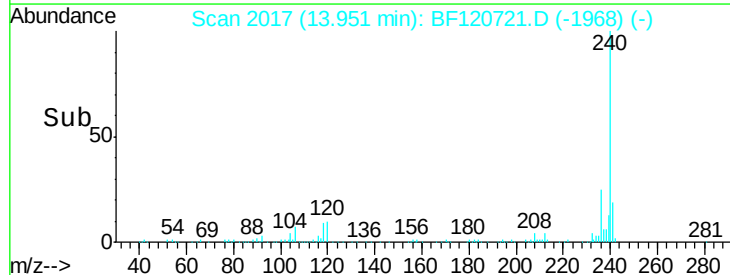
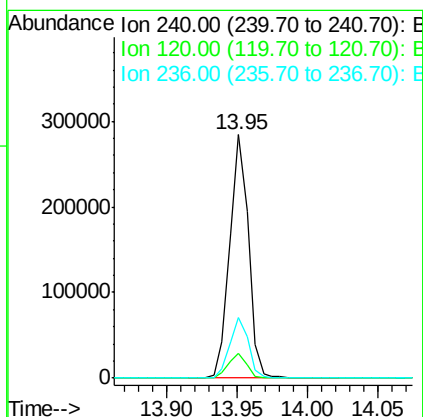
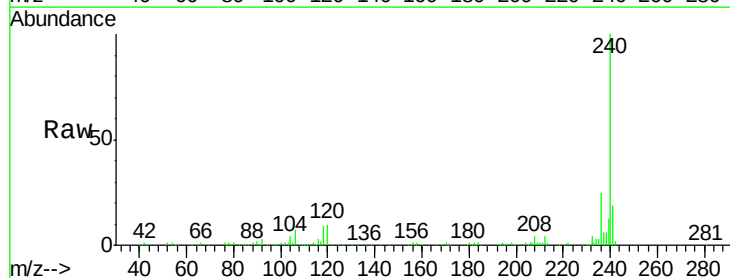
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BNA_F
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CL-01-062420

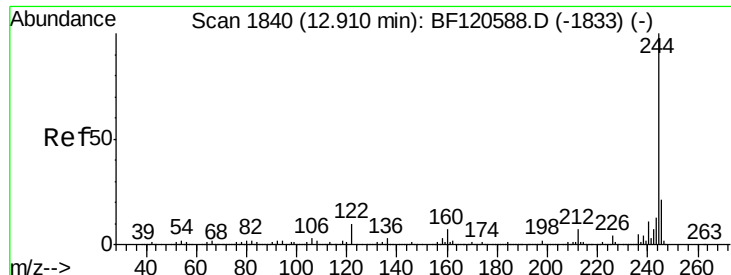
Tot Ion:188 Resp: 463402
Ion Ratio Lower Upper
188 100
94 9.2 7.2 10.8
80 9.5 7.4 11.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.95 min Scan# 2017
Delta R.T. -0.01 min
Lab File: BF120721.D
Acq: 26 Jun 2020 20:58

Tgt Ion:240 Resp: 263467
Ion Ratio Lower Upper
240 100
120 10.2 8.3 12.5
236 25.0 21.0 31.4





#79

Terphenyl-d14

Concen: 99.929 ng

RT: 12.90 min Scan# 1839

Delta R.T. -0.01 min

Lab File: BF120721.D

Acq: 26 Jun 2020 20:58

Instrument :

BNA_F

ClientSampleId :

CL-01-062420

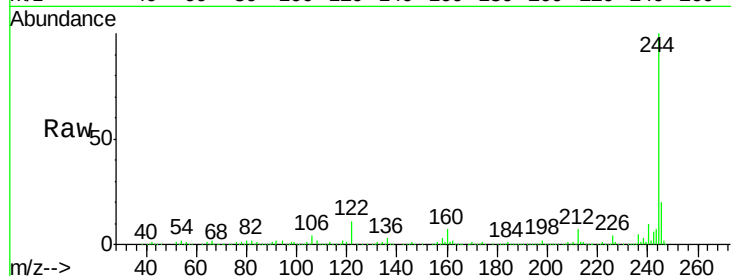
Tot Ion:244 Resp: 1191913

Ion Ratio Lower Upper

244 100

212 6.8 5.7 8.5

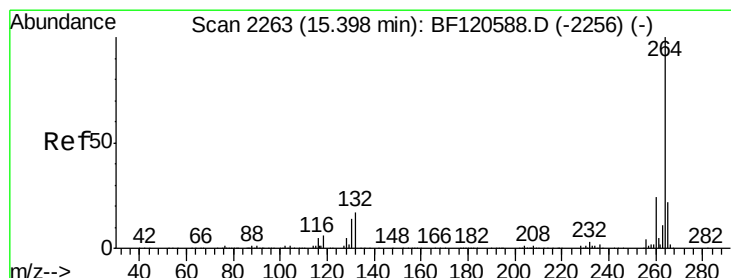
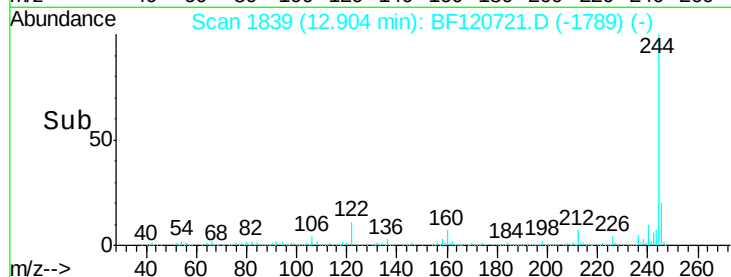
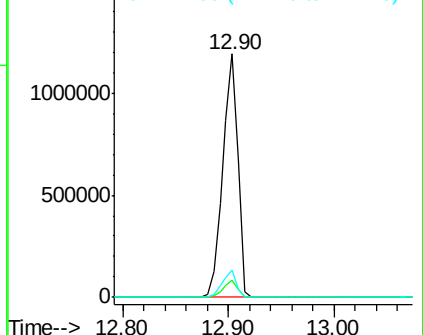
122 11.0 8.3 12.5



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: 20.000 ng

RT: 15.39 min Scan# 2262

Delta R.T. -0.01 min

Lab File: BF120721.D

Acq: 26 Jun 2020 20:58

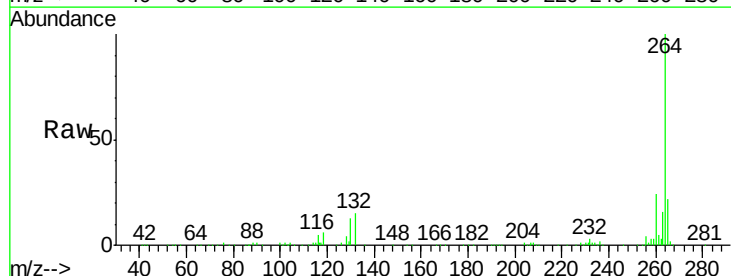
Tgt Ion:264 Resp: 267836

Ion Ratio Lower Upper

264 100

260 23.6 19.3 28.9

265 21.9 17.8 26.8



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

