

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120319\
 Data File : BP001173.D
 Acq On : 04 Dec 2019 00:07
 Operator : JU
 Sample : K6069-02
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SB-1

Quant Time: Dec 04 06:15:32 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP112719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 27 17:38:46 2019
 Response via : Initial Calibration

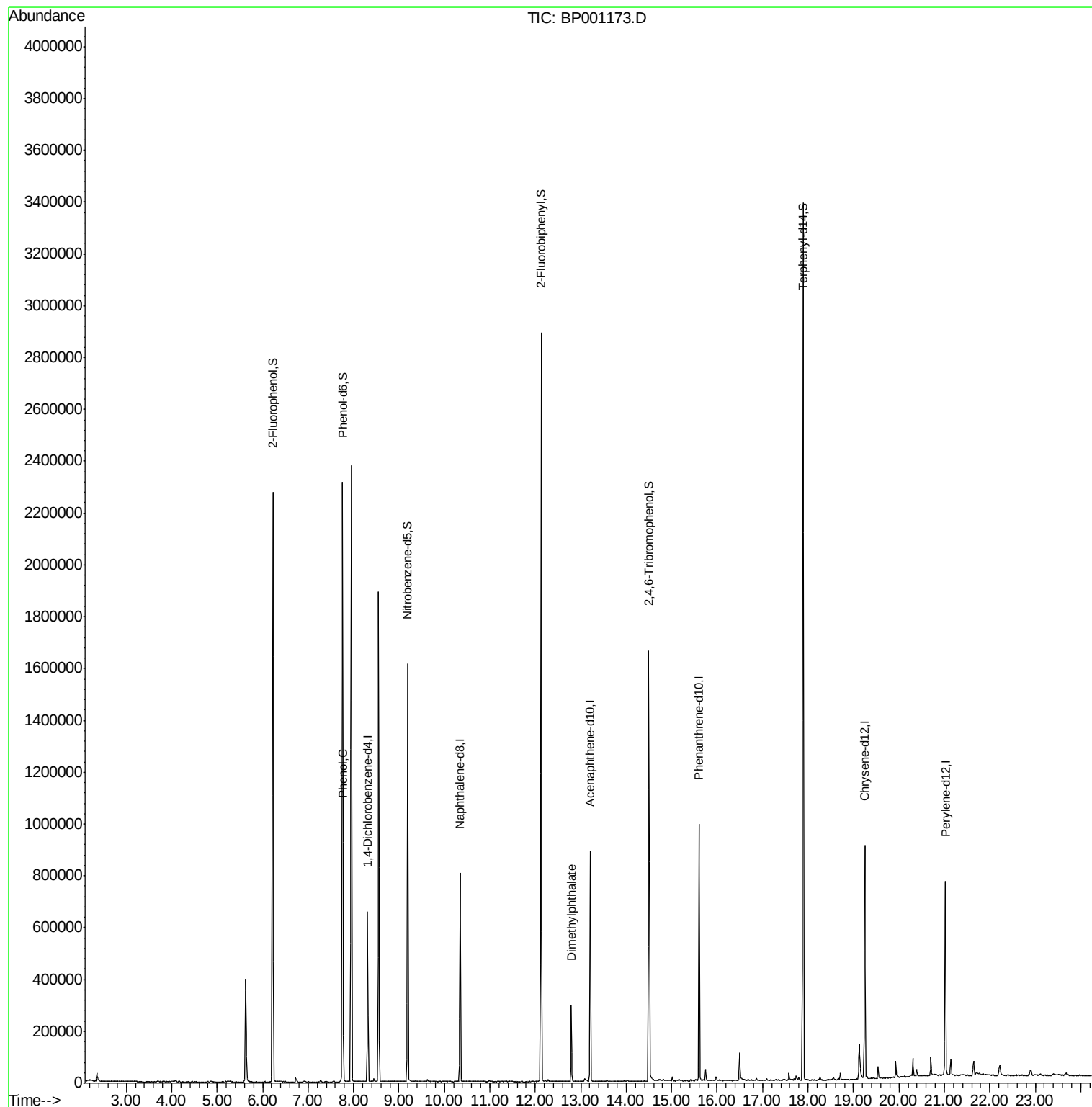
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.31	152	113455	20.00	ng	-0.02
21) Naphthalene-d8	10.35	136	411232	20.00	ng	-0.02
39) Acenaphthene-d10	13.21	164	231900	20.00	ng	-0.02
64) Phenanthrene-d10	15.60	188	452798	20.00	ng	-0.02
76) Chrysene-d12	19.25	240	356307	20.00	ng	-0.03
87) Perylene-d12	21.02	264	364693	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	6.22	112	707747	103.50	ng	0.00
7) Phenol-d6	7.76	99	966506	106.09	ng	0.00
23) Nitrobenzene-d5	9.19	82	650253	68.60	ng	-0.02
42) 2,4,6-Tribromophenol	14.50	330	236937	106.60	ng	-0.02
45) 2-Fluorobiphenyl	12.13	172	1079500	68.13	ng	-0.02
79) Terphenyl-d14	17.89	244	1296638	67.33	ng	-0.02
Target Compounds						
10) Phenol	7.78	94	24567	2.371	ng	92
50) Dimethylphthalate	12.79	163	134677	7.765	ng	99

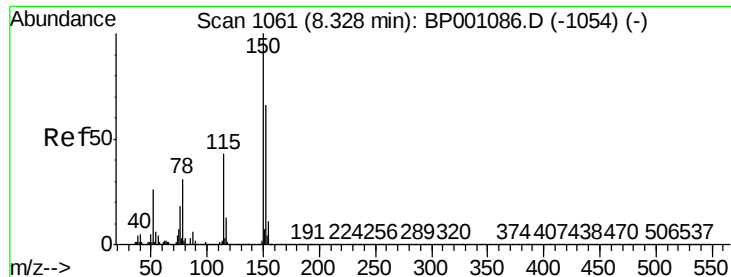
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.31 min Scan# 1058

Delta R.T. -0.02 min

Lab File: BP001173.D

Acq: 04 Dec 2019 00:07

Instrument :

BNA_P

ClientSampleId :

SB-1

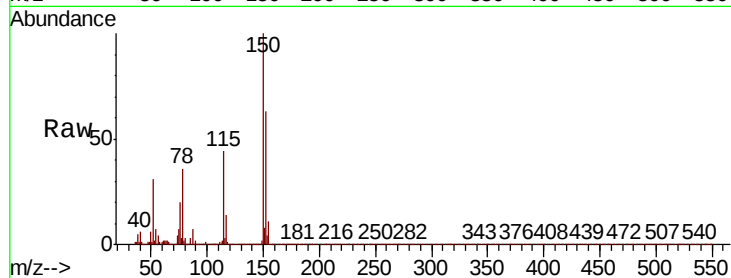
Tot Ion:152 Resp: 113455

Ion Ratio Lower Upper

152 100

150 157.9 120.6 181.0

115 69.2 51.6 77.4

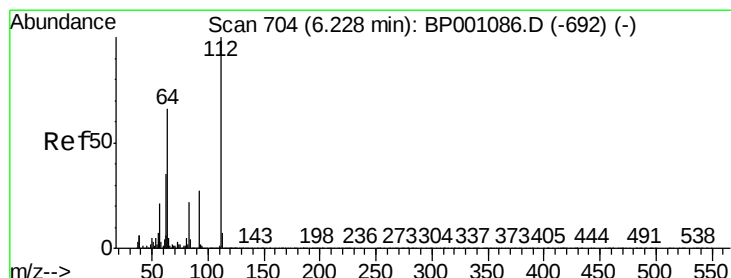
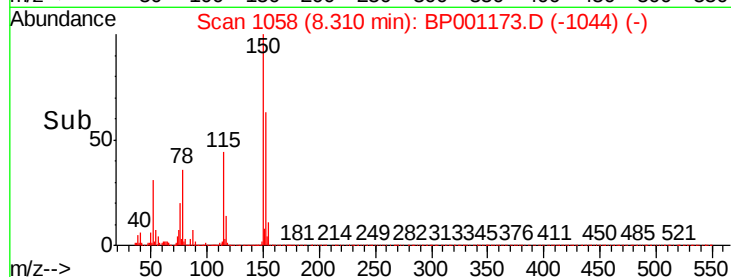
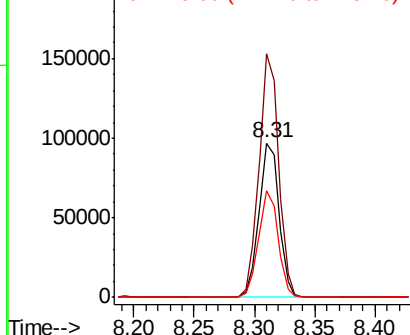


Abundance

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: 103.496 ng

RT: 6.22 min Scan# 703

Delta R.T. -0.01 min

Lab File: BP001173.D

Acq: 04 Dec 2019 00:07

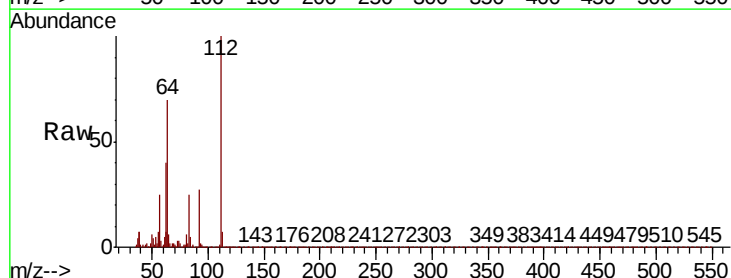
Tgt Ion:112 Resp: 707747

Ion Ratio Lower Upper

112 100

64 69.7 52.8 79.2

63 39.5 28.2 42.2

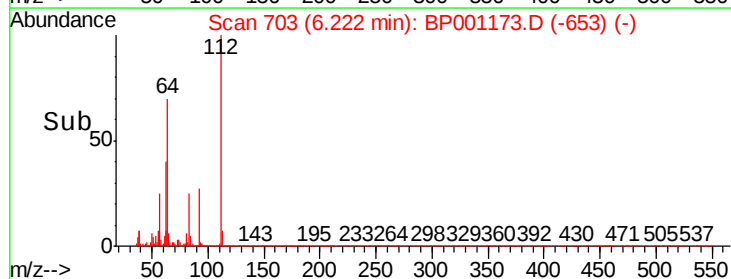
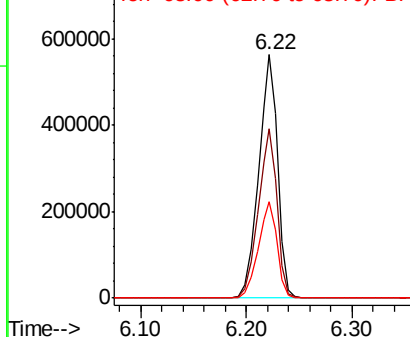


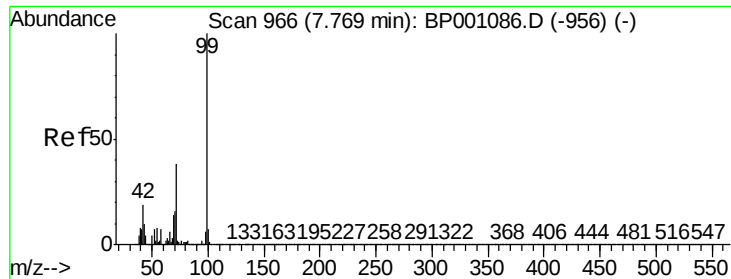
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0





#7

Phenol-d6

Concen: 106.087 ng

RT: 7.76 min Scan# 965

Delta R.T. -0.01 min

Lab File: BP001173.D

Acq: 04 Dec 2019 00:07

Instrument :

BNA_P

ClientSampleId :

SB-1

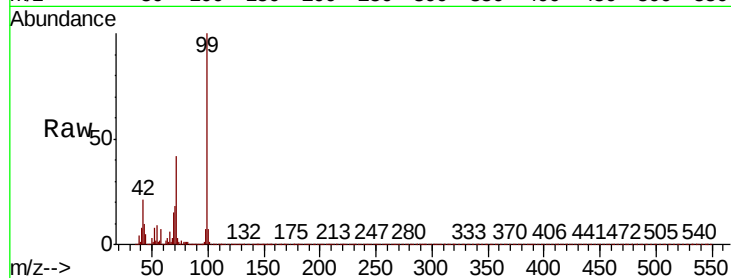
Tot Ion: 99 Resp: 966506

Ion Ratio Lower Upper

99 100

42 21.1 15.4 23.0

71 42.3 30.8 46.2



Abundance Ion 99.00 (98.70 to 99.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

Ion 71.00 (70.70 to 71.70): BP0

1000000

800000

600000

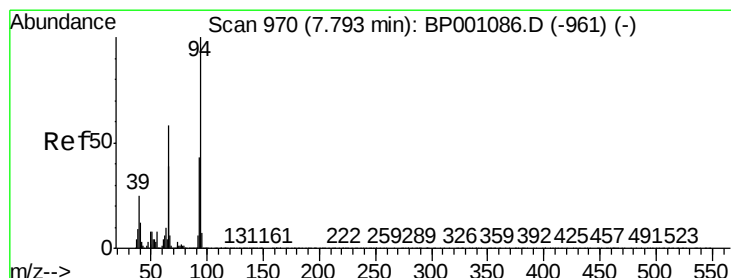
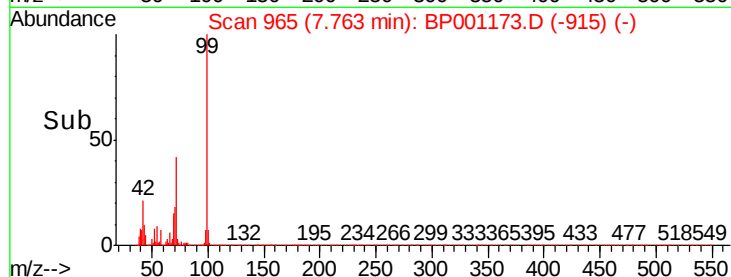
400000

200000

0

7.76

Time-->



#10

Phenol

Concen: 2.371 ng

RT: 7.78 min Scan# 967

Delta R.T. -0.02 min

Lab File: BP001173.D

Acq: 04 Dec 2019 00:07

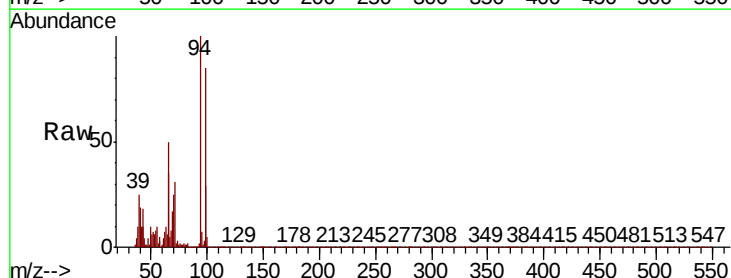
Tgt Ion: 94 Resp: 24567

Ion Ratio Lower Upper

94 100

65 34.9 18.6 58.6

66 50.2 37.6 77.6



Abundance Ion 94.00 (93.70 to 94.70): BP0

Ion 65.00 (64.70 to 65.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

60000

50000

40000

30000

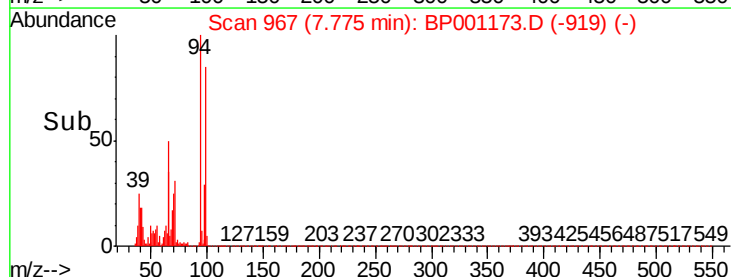
20000

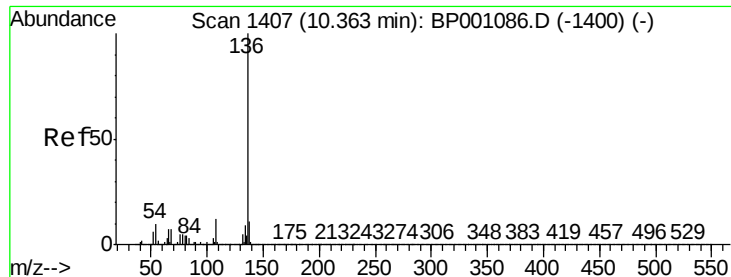
10000

0

7.78

Time-->





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.35 min Scan# 1404

Delta R.T. -0.02 min

Lab File: BP001173.D

Acq: 04 Dec 2019 00:07

Instrument :

BNA_P

ClientSampleId :

SB-1

Tot Ion:136 Resp: 411232

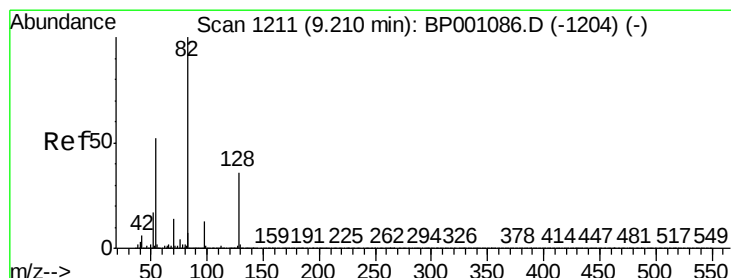
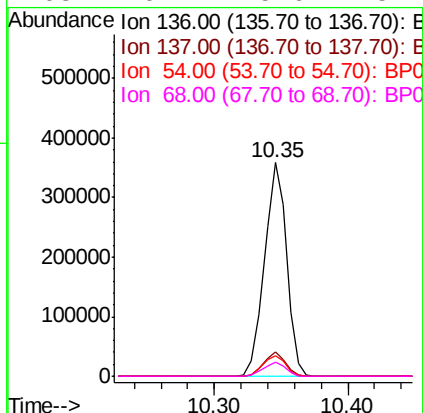
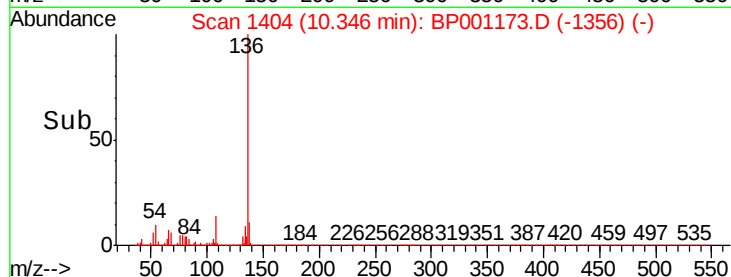
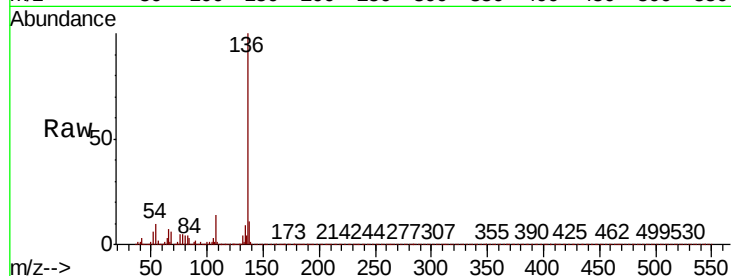
Ion Ratio Lower Upper

136 100

137 11.3 8.8 13.2

54 9.9 7.9 11.9

68 6.4 5.6 8.4



#23

Nitrobenzene-d5

Concen: 68.603 ng

RT: 9.19 min Scan# 1208

Delta R.T. -0.02 min

Lab File: BP001173.D

Acq: 04 Dec 2019 00:07

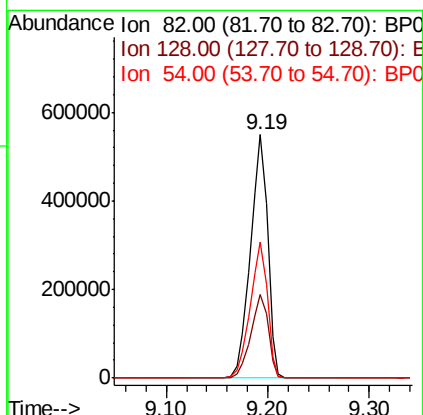
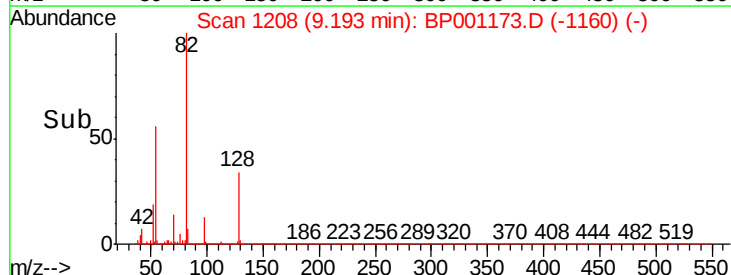
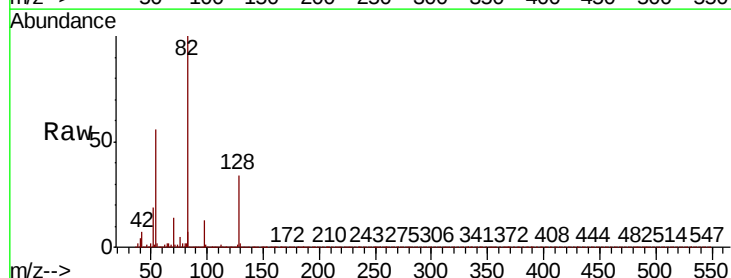
Tgt Ion: 82 Resp: 650253

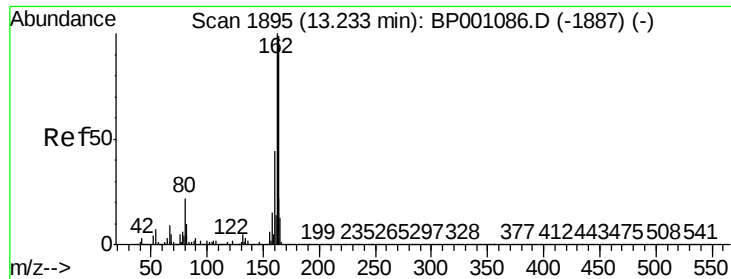
Ion Ratio Lower Upper

82 100

128 34.1 28.9 43.3

54 55.9 41.9 62.9

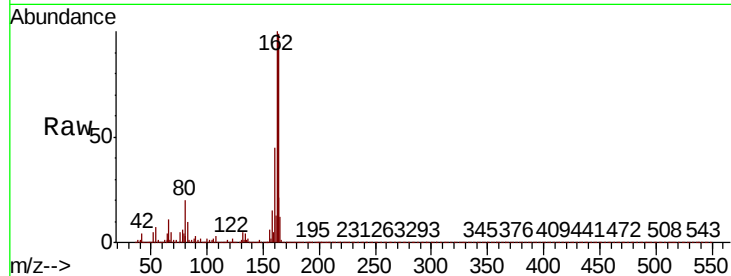




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 13.21 min Scan# 1891
Delta R.T. -0.02 min
Lab File: BP001173.D
Acq: 04 Dec 2019 00:07

Instrument :
BNA_P
ClientSampled :
SB-1

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.3	80.6	120.8
160	45.6	35.4	53.2

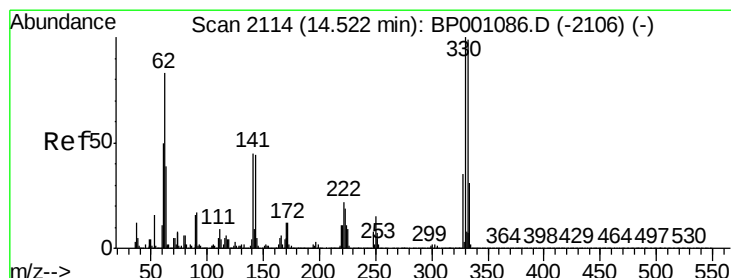
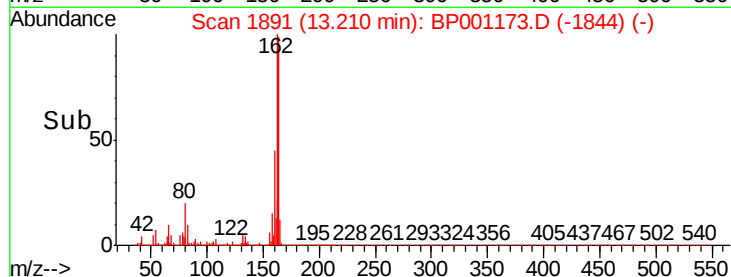
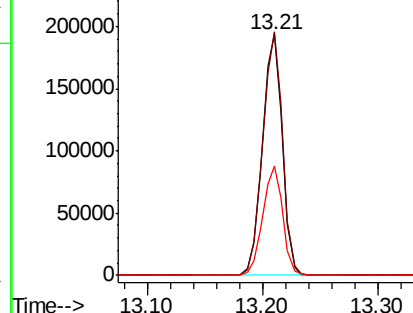


Abundance

Ion 164.00 (163.70 to 164.70): E

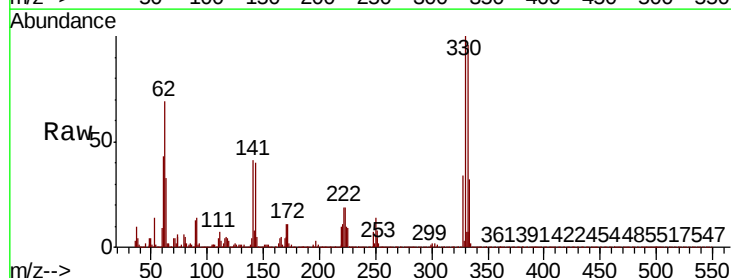
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42
2,4,6-Tribromophenol
Concen: 106.596 ng
RT: 14.50 min Scan# 2111
Delta R.T. -0.02 min
Lab File: BP001173.D
Acq: 04 Dec 2019 00:07

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.6	116.4
141	44.5	34.2	51.2

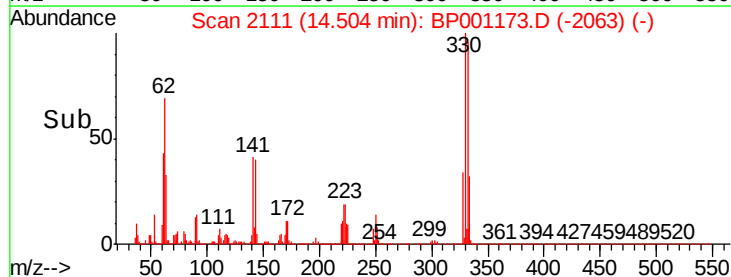
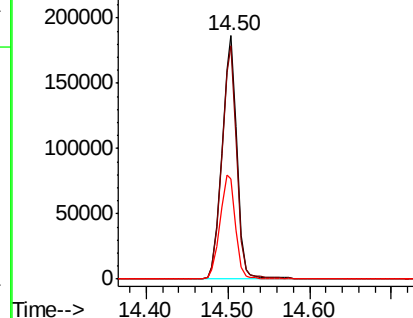


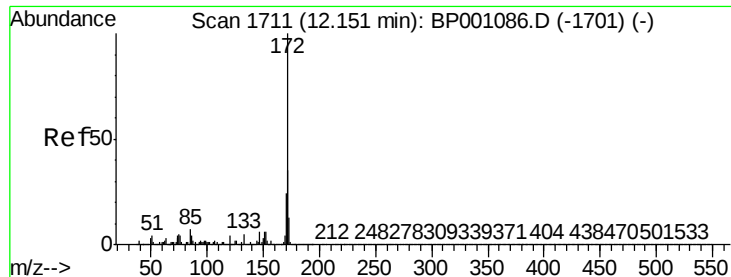
Abundance

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

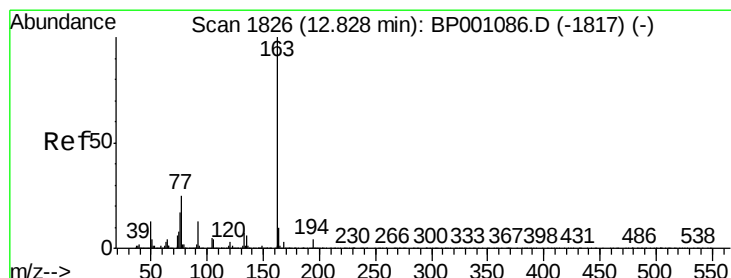
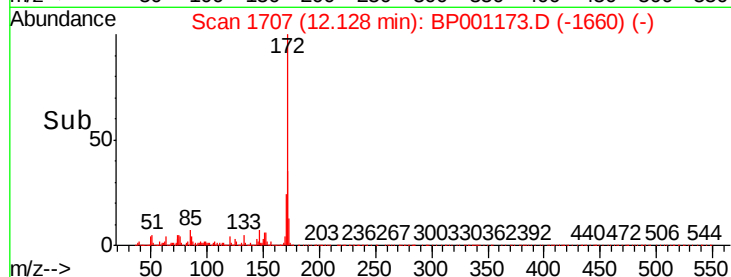
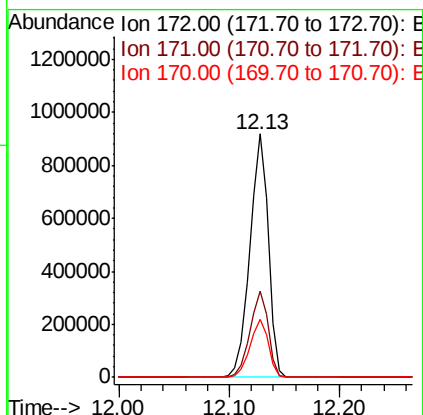
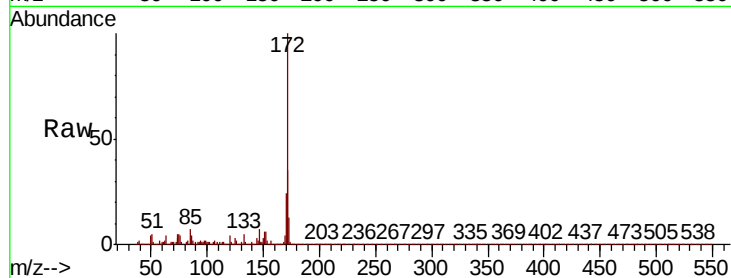




#45
2-Fluorobiphenyl
Concen: 68.130 ng
RT: 12.13 min Scan# 1707
Delta R.T. -0.02 min
Lab File: BP001173.D
Acq: 04 Dec 2019 00:07

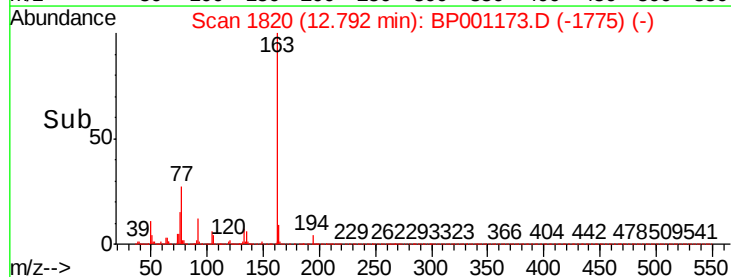
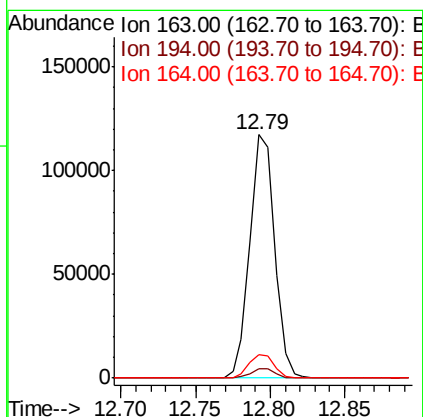
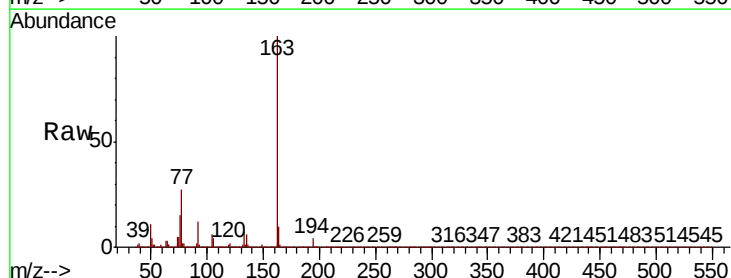
Instrument :
BNA_P
ClientSampleId :
SB-1

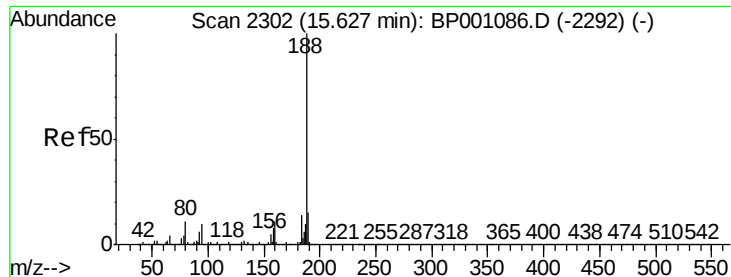
Tot Ion:172 Resp: 1079500
Ion Ratio Lower Upper
172 100
171 35.4 27.9 41.9
170 23.6 19.0 28.4



#50
Dimethylphthalate
Concen: 7.765 ng
RT: 12.79 min Scan# 1820
Delta R.T. -0.04 min
Lab File: BP001173.D
Acq: 04 Dec 2019 00:07

Tgt Ion:163 Resp: 134677
Ion Ratio Lower Upper
163 100
194 3.9 3.1 4.7
164 9.5 8.1 12.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 15.60 min Scan# 2298

Delta R.T. -0.02 min

Lab File: BP001173.D

Acq: 04 Dec 2019 00:07

Instrument :

BNA_P

Client Sampled :

SB-1

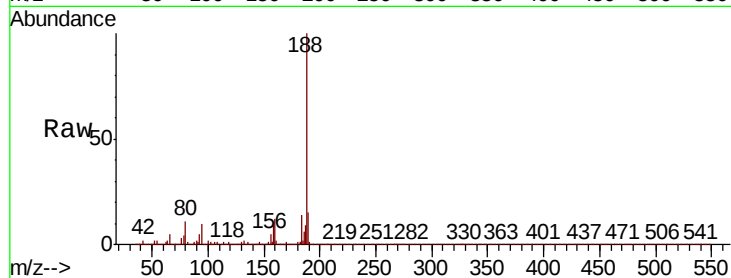
Tot Ion:188 Resp: 452798

Ion Ratio Lower Upper

188 100

94 9.6 7.9 11.9

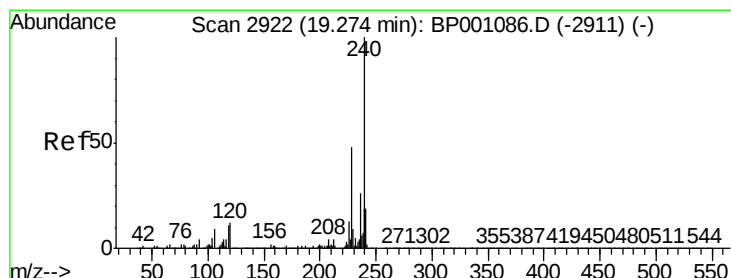
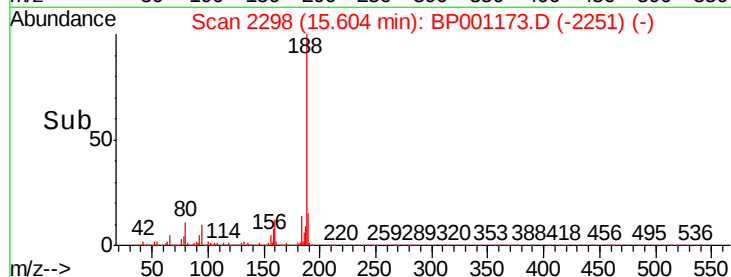
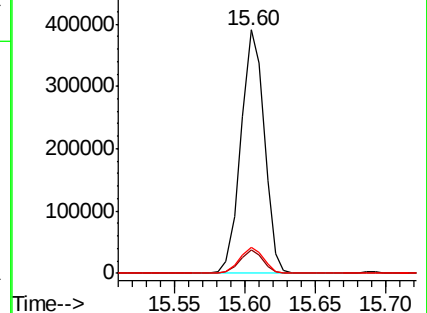
80 10.6 8.8 13.2



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 19.25 min Scan# 2917

Delta R.T. -0.03 min

Lab File: BP001173.D

Acq: 04 Dec 2019 00:07

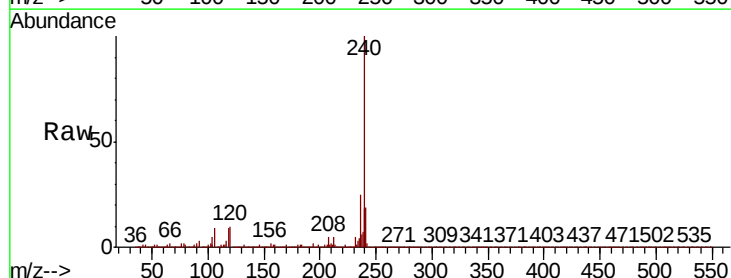
Tgt Ion:240 Resp: 356307

Ion Ratio Lower Upper

240 100

120 10.3 9.5 14.3

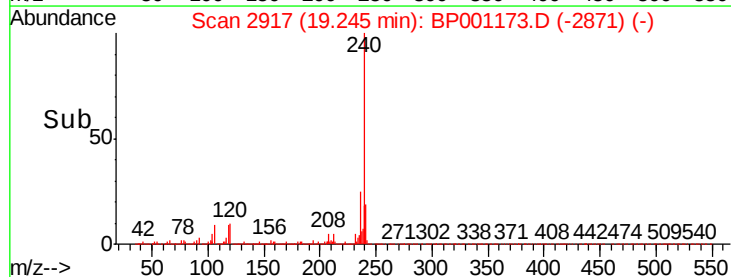
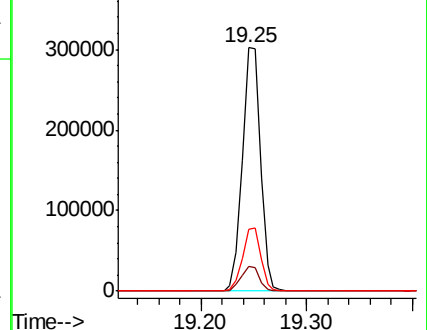
236 25.3 20.4 30.6

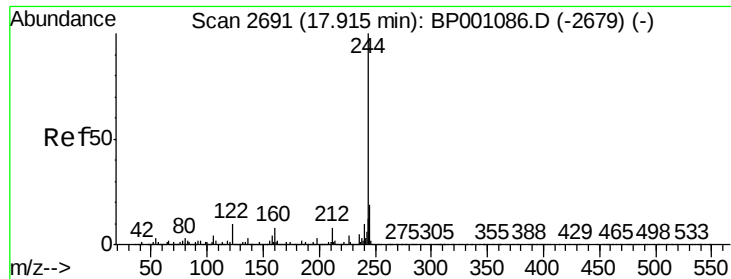


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 67.327 ng

RT: 17.89 min Scan# 2687

Delta R.T. -0.02 min

Lab File: BP001173.D

Acq: 04 Dec 2019 00:07

Instrument :

BNA_P

ClientSampleId :

SB-1

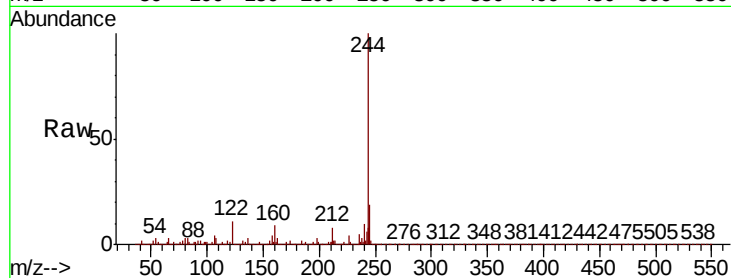
Tot Ion:244 Resp: 1296638

Ion Ratio Lower Upper

244 100

212 8.0 6.2 9.2

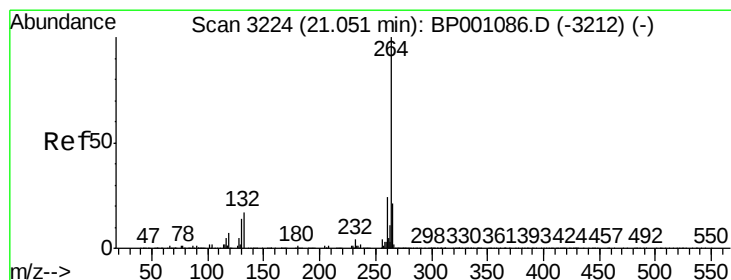
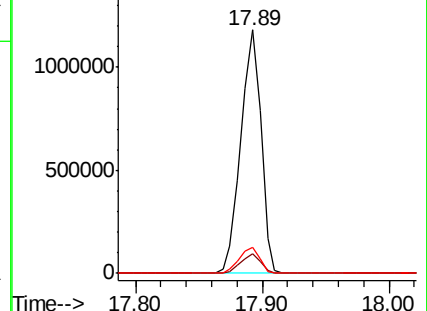
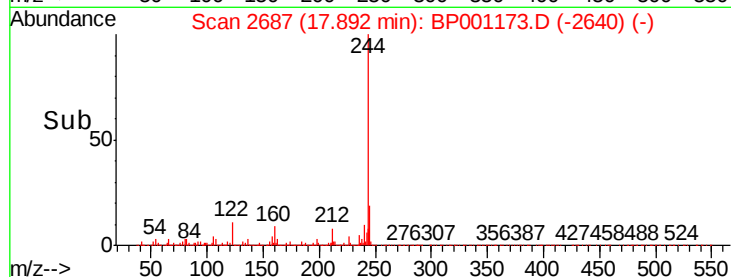
122 10.7 8.2 12.2



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 21.02 min Scan# 3219

Delta R.T. -0.03 min

Lab File: BP001173.D

Acq: 04 Dec 2019 00:07

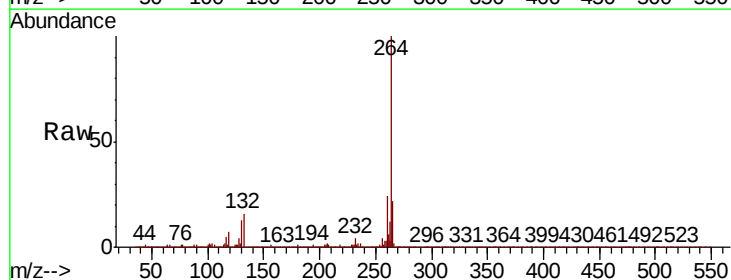
Tgt Ion:264 Resp: 364693

Ion Ratio Lower Upper

264 100

260 23.7 18.8 28.2

265 22.1 16.9 25.3



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

