

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040417\
 Data File : BF094170.D
 Acq On : 4 Apr 2017 16:39
 Operator : SJ/MA
 Sample : PB98028BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB98028BL

Quant Time: Apr 05 00:56:08 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 31 14:38:29 2017
 Response via : Initial Calibration

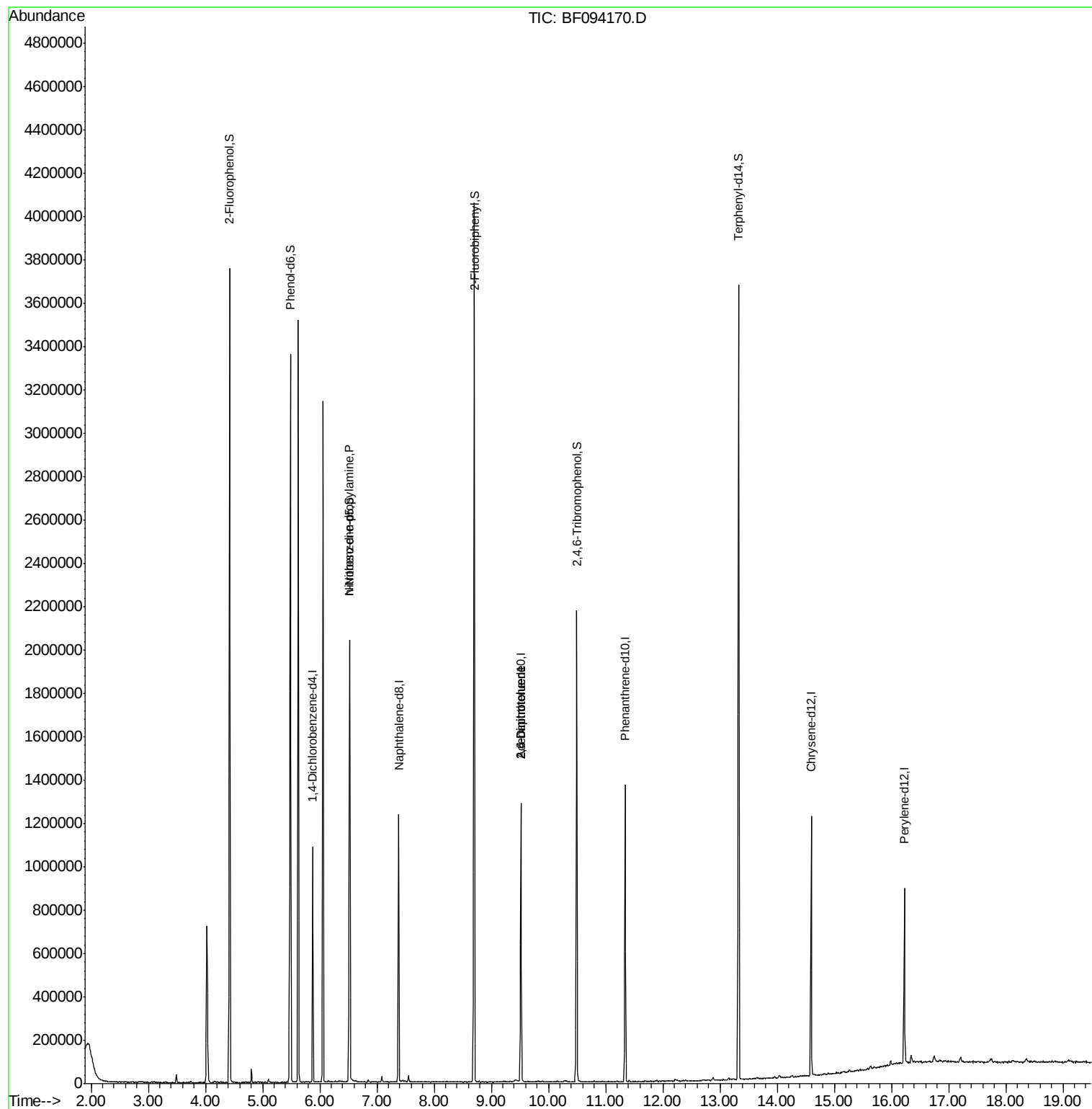
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.87	152	166967	20.00	ng	-0.03
21) Naphthalene-d8	7.38	136	673285	20.00	ng	-0.03
38) Acenaphthene-d10	9.52	164	305921	20.00	ng	-0.03
63) Phenanthrene-d10	11.35	188	553938	20.00	ng	-0.03
75) Chrysene-d12	14.60	240	459728	20.00	ng	-0.03
86) Perylene-d12	16.23	264	315758	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	4.42	112	1124805	113.78	ng	-0.01
7) Phenol-d6	5.49	99	1397106	114.24	ng	-0.02
23) Nitrobenzene-d5	6.53	82	869473	73.70	ng	-0.03
41) 2,4,6-Tribromophenol	10.50	330	312798	129.39	ng	-0.02
44) 2-Fluorobiphenyl	8.70	172	1589811	79.27	ng	-0.03
78) Terphenyl-d14	13.33	244	1441924	70.30	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	6.52	70	112679	14.34	ng	# 78
50) 2,6-Dinitrotoluene	9.52	165	39877	8.00	ng	# 33
56) 2,4-Dinitrotoluene	9.52	165	39877	6.37	ng	# 33

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 5.87 min Scan# 678

Delta R.T. -0.03 min

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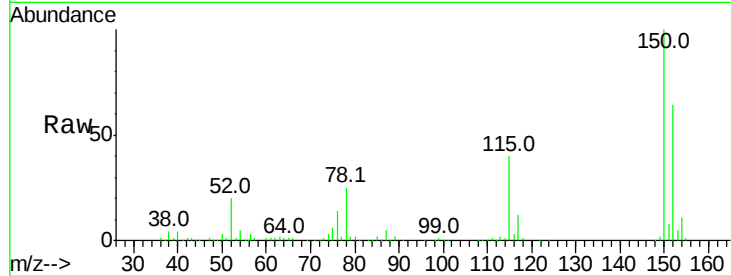
Tot Ion:152 Resp: 166967

Ion Ratio Lower Upper

152 100

150 155.7 126.2 189.2

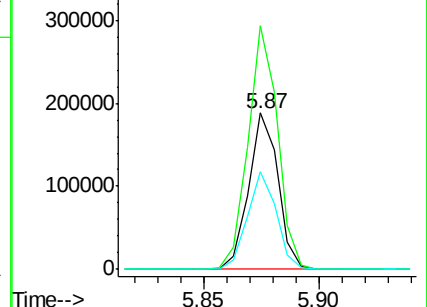
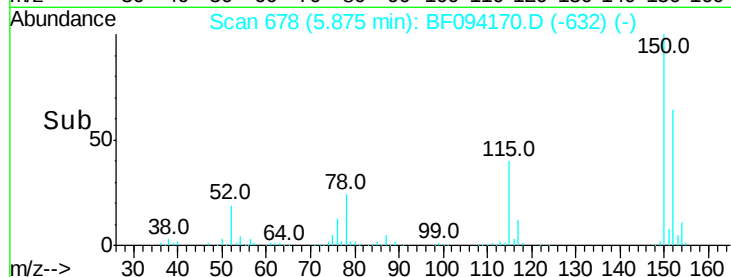
115 62.6 52.2 78.2



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: 113.78 ng

RT: 4.42 min Scan# 431

Delta R.T. -0.01 min

Lab File: BF094170.D

Acq: 4 Apr 2017 16:39

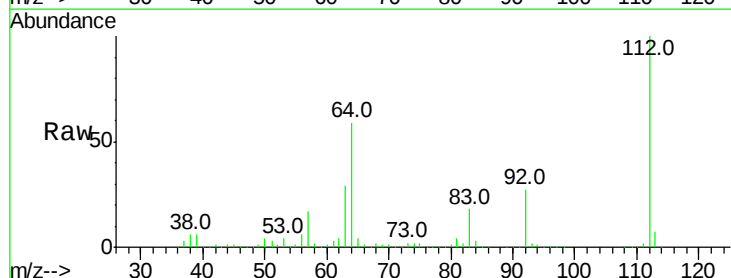
Tgt Ion:112 Resp: 1124805

Ion Ratio Lower Upper

112 100

64 58.7 46.0 69.0

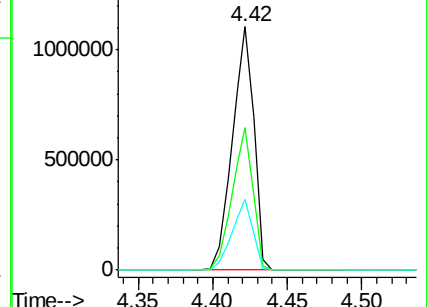
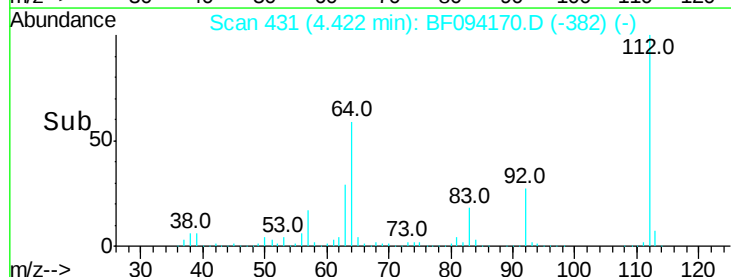
63 29.3 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 114.24 ng

RT: 5.49 min Scan# 612

Delta R.T. -0.02 min

Lab File: BF094170.D

Acq: 4 Apr 2017 16:39

Instrument :

BNA_F

ClientSampleId :

PB98028BL

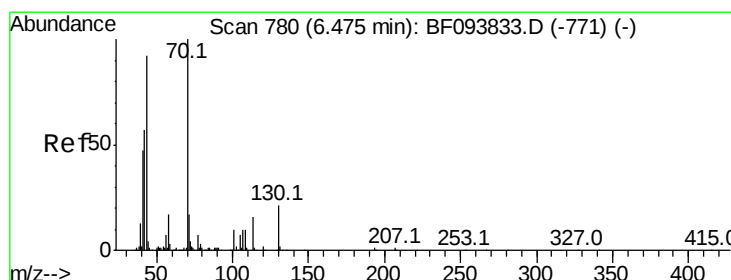
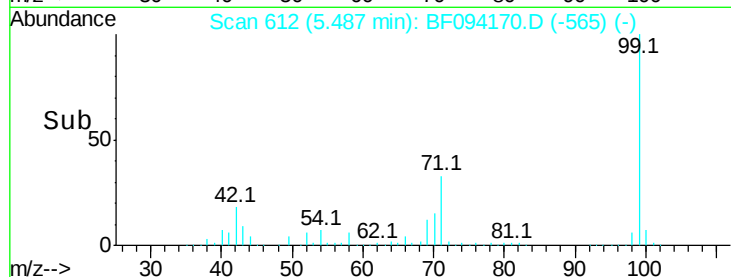
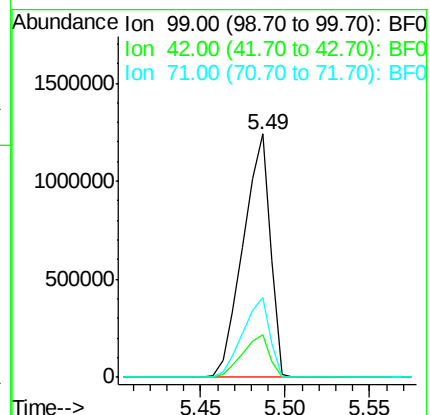
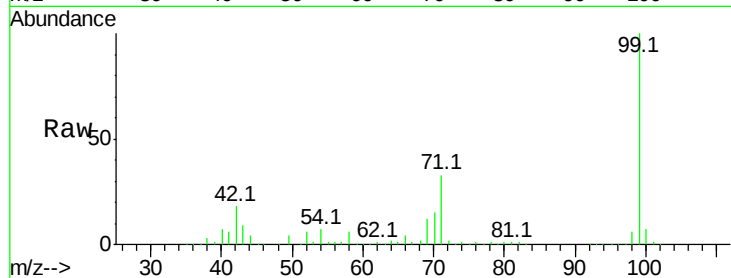
Tot Ion: 99 Resp: 1397106

Ion Ratio Lower Upper

99 100

42 17.6 13.5 20.3

71 32.9 24.5 36.7



#19

n-Nitroso-di-n-propylamine

Concen: 14.34 ng

RT: 6.52 min Scan# 788

Delta R.T. 0.13 min

Lab File: BF094170.D

Acq: 4 Apr 2017 16:39

Tgt Ion: 70 Resp: 112679

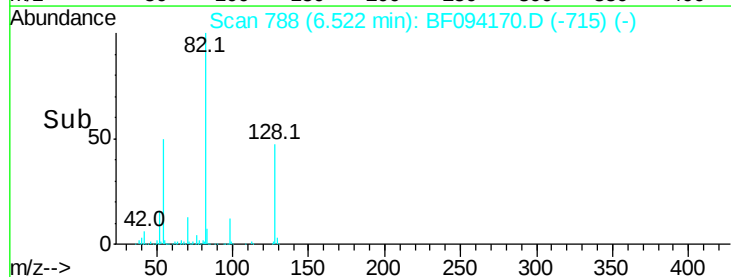
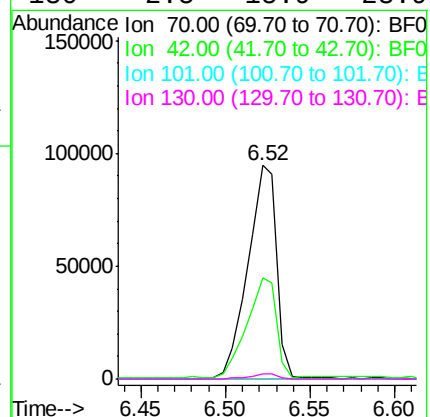
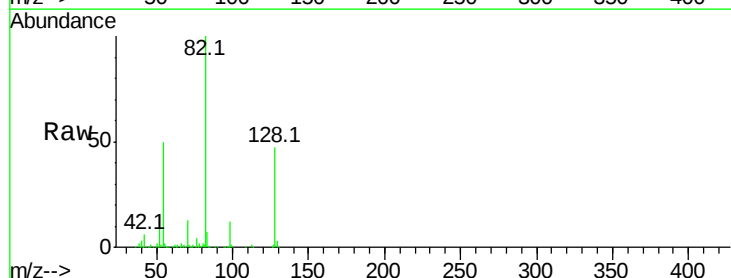
Ion Ratio Lower Upper

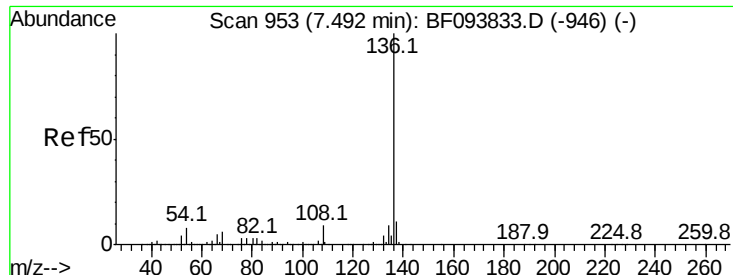
70 100

42 47.1 47.2 70.8#

101 0.0 7.2 10.8#

130 2.5 15.9 23.9#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.38 min Scan# 934

Delta R.T. -0.03 min

Lab File: BF094170.D

Acq: 4 Apr 2017 16:39

Instrument :

BNA_F

ClientSampleId :

PB98028BL

Tot Ion:136 Resp: 673285

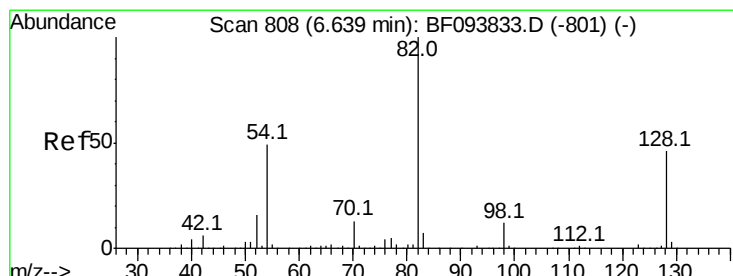
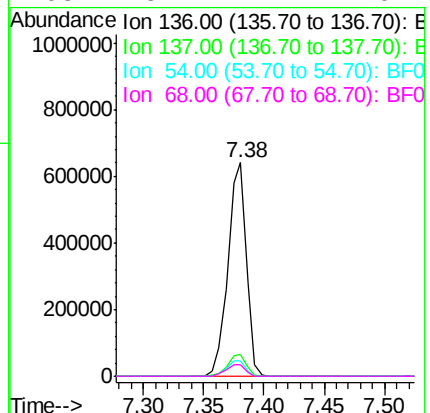
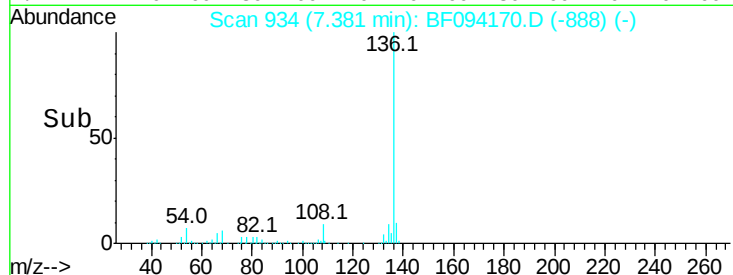
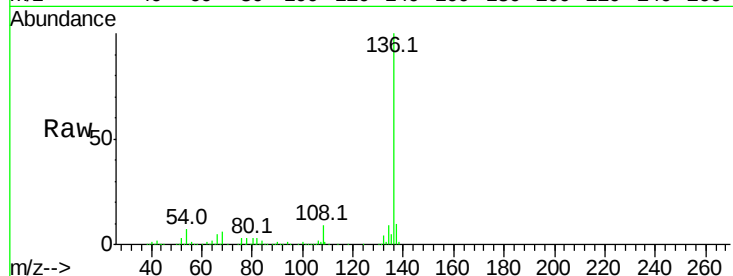
Ion Ratio Lower Upper

136 100

137 10.5 8.5 12.7

54 7.1 4.9 7.3

68 5.7 4.1 6.1



#23

Nitrobenzene-d5

Concen: 73.70 ng

RT: 6.53 min Scan# 789

Delta R.T. -0.03 min

Lab File: BF094170.D

Acq: 4 Apr 2017 16:39

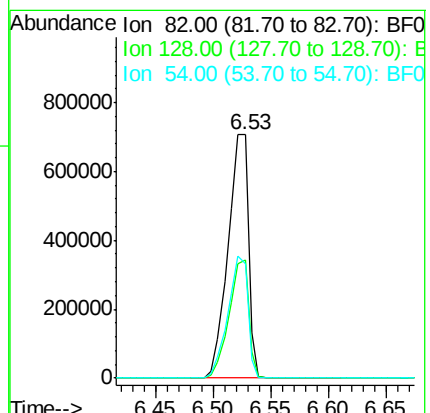
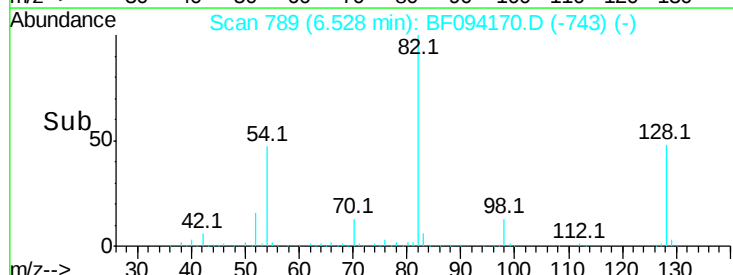
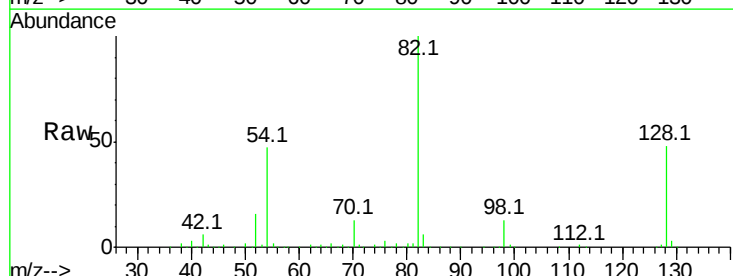
Tgt Ion: 82 Resp: 869473

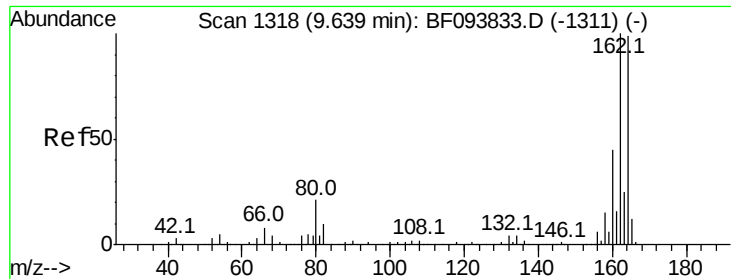
Ion Ratio Lower Upper

82 100

128 48.3 34.0 51.0

54 47.2 42.2 63.2

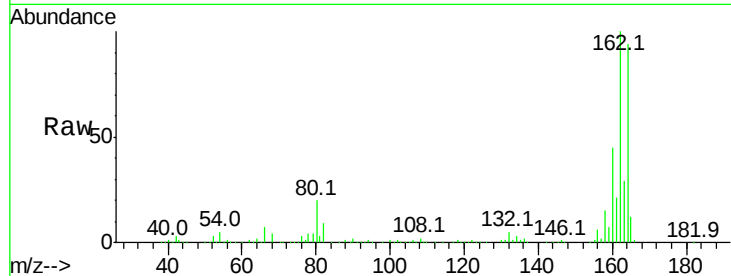




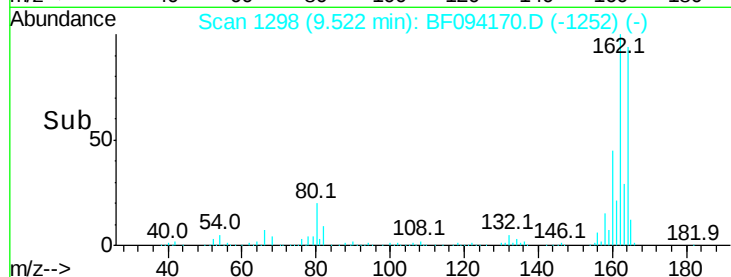
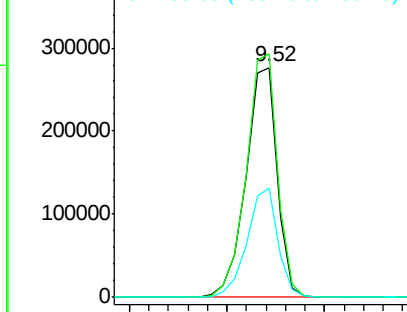
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.52 min Scan# 1298
Delta R.T. -0.03 min
Lab File: BF094170.D
Acq: 4 Apr 2017 16:39

Instrument :
BNA_F
ClientSampleId :
PB98028BL

Tot Ion:164 Resp: 305921
Ion Ratio Lower Upper
164 100
162 106.1 82.6 123.8
160 47.4 36.2 54.2

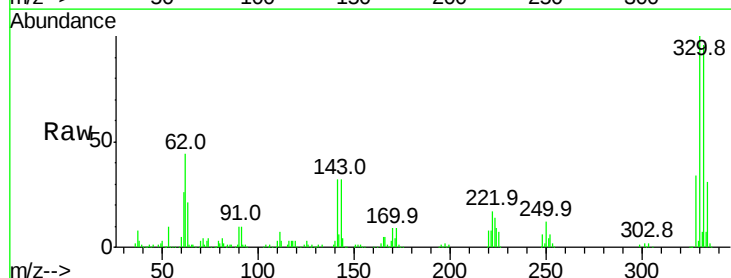


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

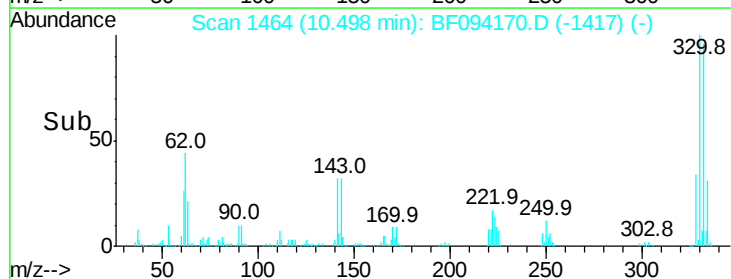
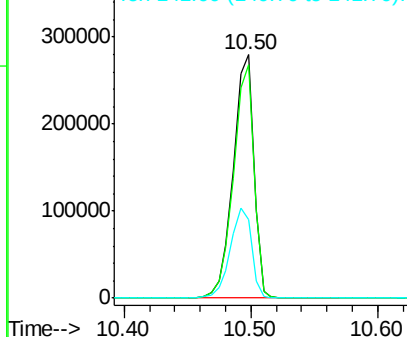


#41
2,4,6-Tribromophenol
Concen: 129.39 ng
RT: 10.50 min Scan# 1464
Delta R.T. -0.02 min
Lab File: BF094170.D
Acq: 4 Apr 2017 16:39

Tgt Ion:330 Resp: 312798
Ion Ratio Lower Upper
330 100
332 95.7 76.6 115.0
141 38.4 31.4 47.2



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



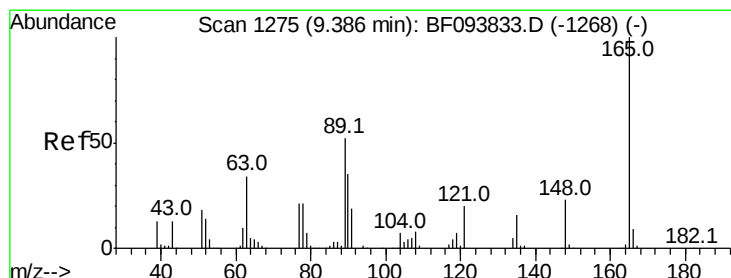
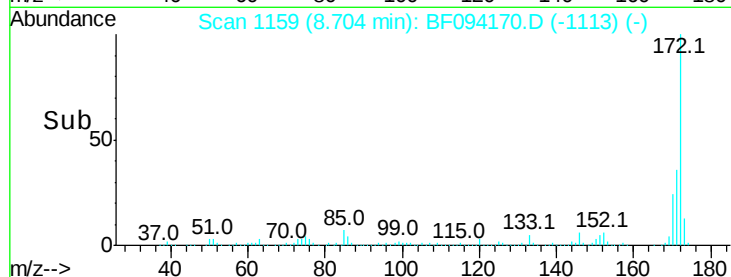
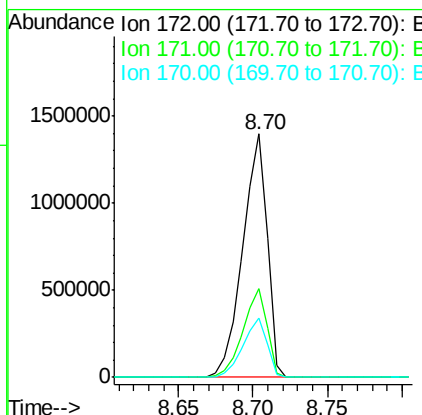
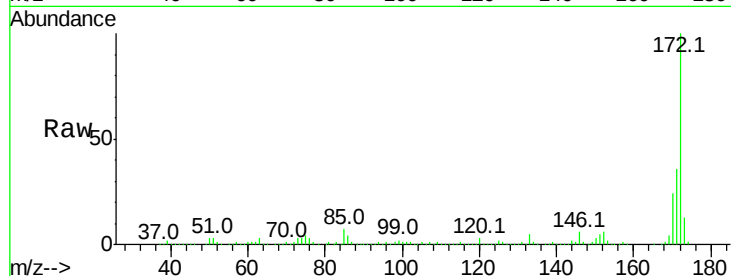


#44
 2-Fluorobiphenyl
 Concen: 79.27 ng
 RT: 8.70 min Scan# 1159
 Delta R.T. -0.03 min
 Lab File: BF094170.D
 Acq: 4 Apr 2017 16:39

Instrument :
 BNA_F
 ClientSampleId :
 PB98028BL

Tot Ion:172 Resp: 1589811

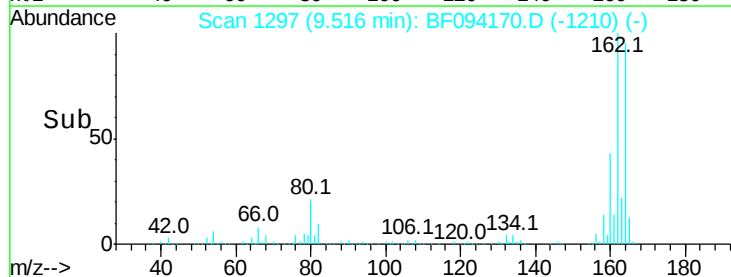
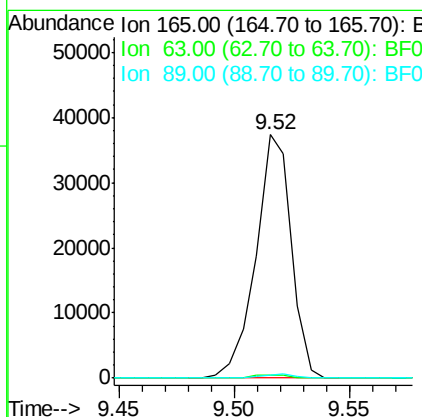
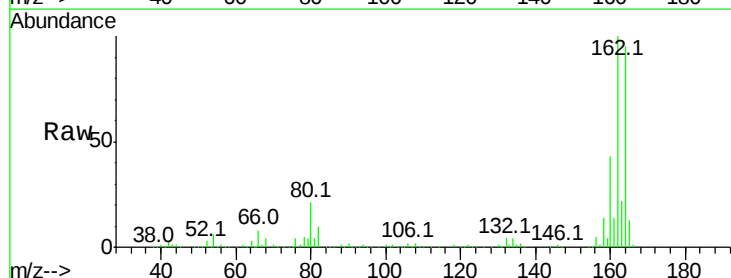
Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.6	44.4
170	24.2	19.8	29.8



#50
 2,6-Dinitrotoluene
 Concen: 8.00 ng
 RT: 9.52 min Scan# 1297
 Delta R.T. 0.21 min
 Lab File: BF094170.D
 Acq: 4 Apr 2017 16:39

Tgt Ion:165 Resp: 39877

Ion	Ratio	Lower	Upper
165	100		
63	1.3	34.3	51.5#
89	1.1	37.1	55.7#

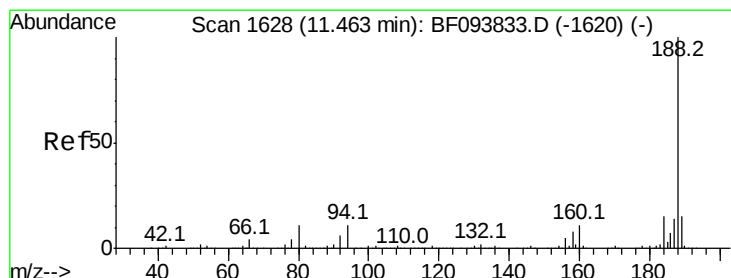
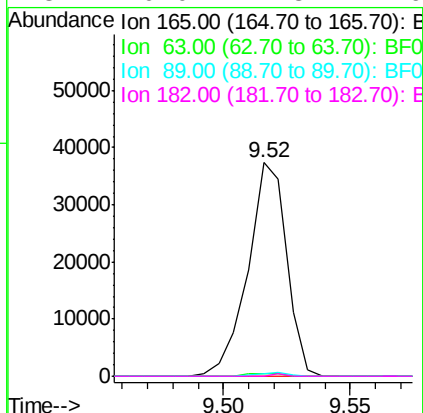
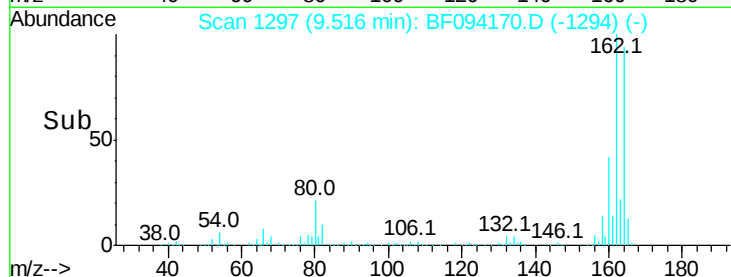
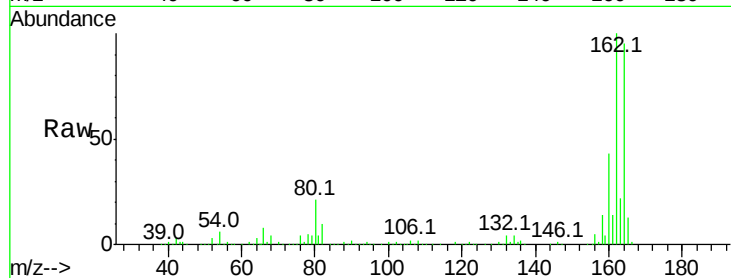




#56
 2,4-Dinitrotoluene
 Concen: 6.37 ng
 RT: 9.52 min Scan# 1297
 Delta R.T. -0.28 min
 Lab File: BF094170.D
 Acq: 4 Apr 2017 16:39

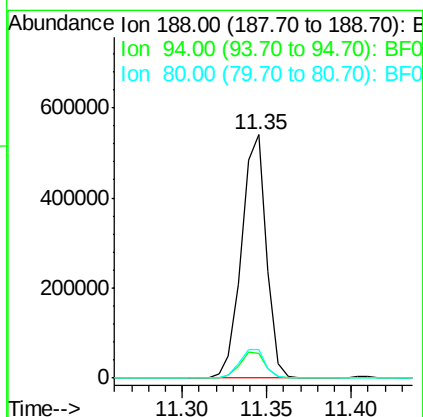
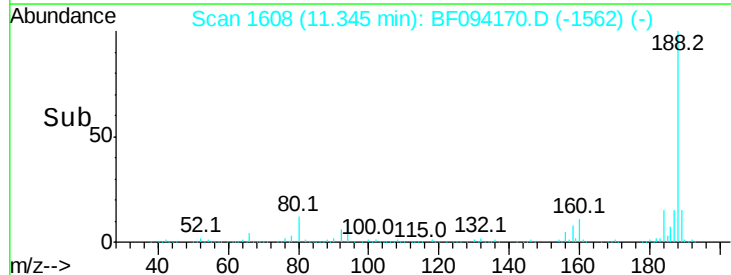
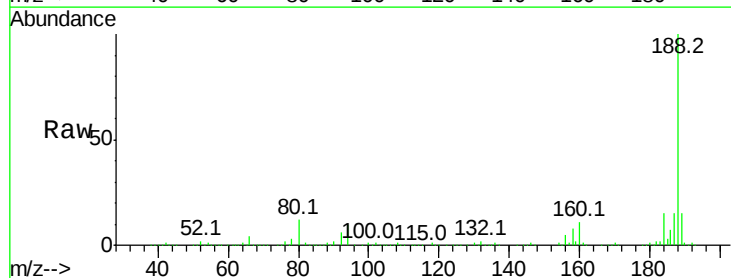
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 PB98028BL

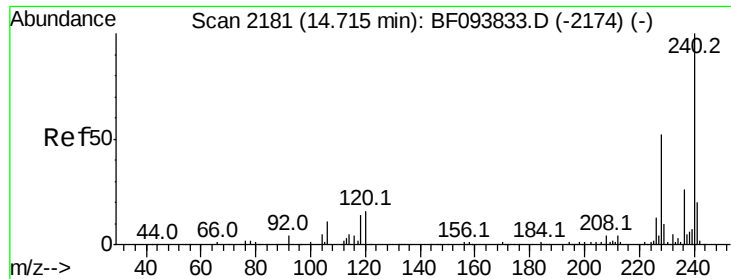
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.3	25.4	38.0#
89	1.1	46.4	69.6#
182	0.0	1.8	2.6#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.35 min Scan# 1608
 Delta R.T. -0.03 min
 Lab File: BF094170.D
 Acq: 4 Apr 2017 16:39

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.2	9.4	14.2
80	11.5	10.2	15.2

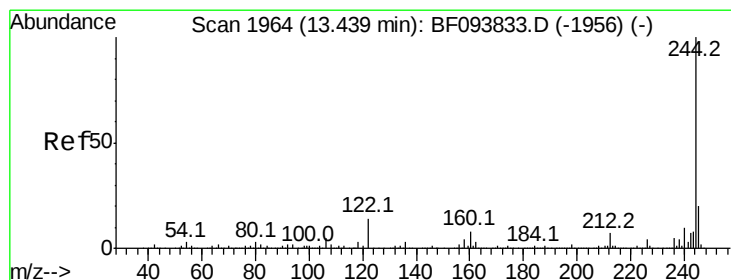
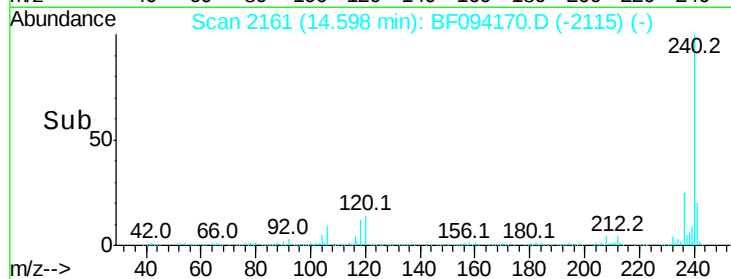
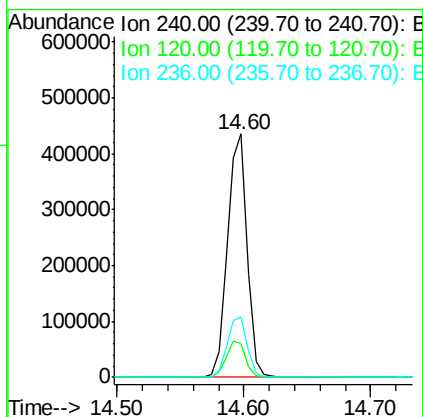
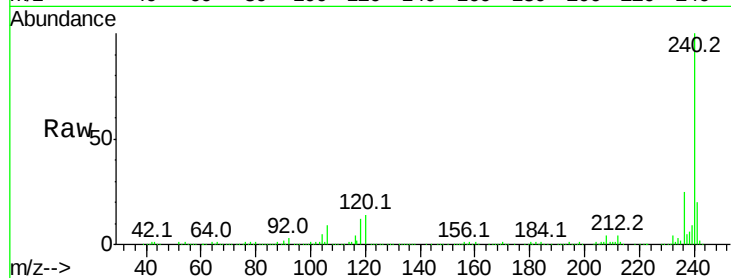




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.60 min Scan# 2161
 Delta R.T. -0.03 min
 Lab File: BF094170.D
 Acq: 4 Apr 2017 16:39

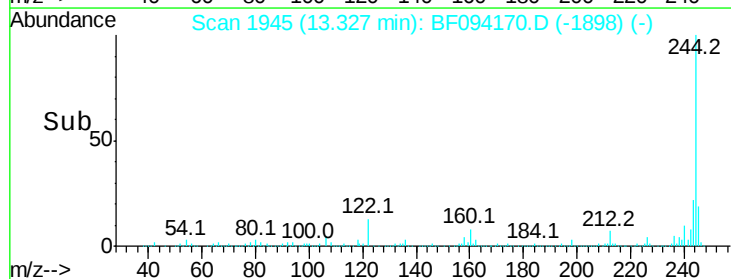
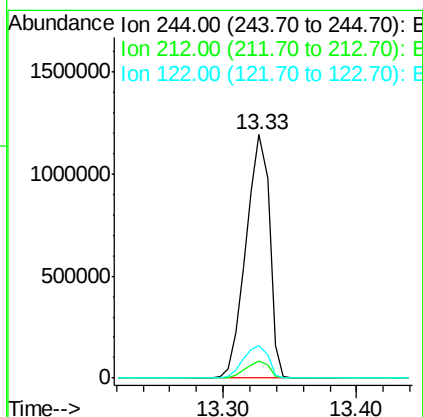
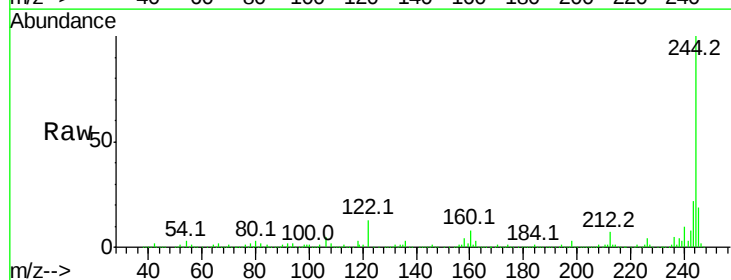
Instrument :
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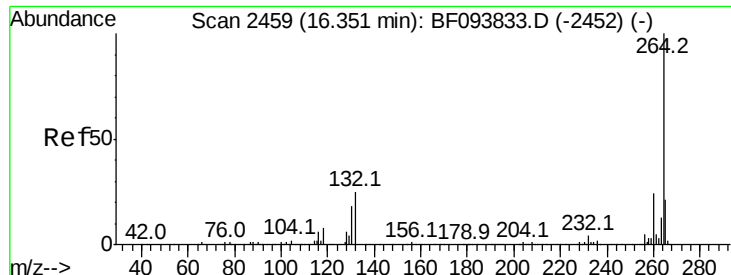
Tot Ion:240 Resp: 459728
 Ion Ratio Lower Upper
 240 100
 120 13.8 5.8 8.8#
 236 25.1 20.5 30.7



#78
 Terphenyl-d14
 Concen: 70.30 ng
 RT: 13.33 min Scan# 1945
 Delta R.T. -0.02 min
 Lab File: BF094170.D
 Acq: 4 Apr 2017 16:39

Tgt Ion:244 Resp: 1441924
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.0 9.0
 122 13.5 10.3 15.5

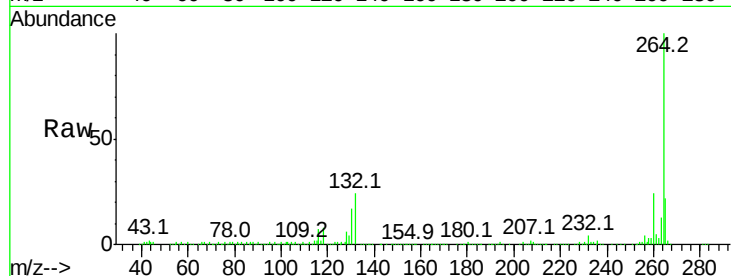




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 16.23 min Scan# 2438
 Delta R.T. -0.02 min
 Lab File: BF094170.D
 Acq: 4 Apr 2017 16:39

Instrument :
 BNA_F
 ClientSampleId :
 PB98028BL

Tot Ion:	264	Resp:	315758
Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.5	29.3
265	21.6	17.2	25.8



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

