

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020916\
 Data File : BF084971.D
 Acq On : 10 Feb 2016 00:07
 Operator : SJ/IZ
 Sample : H1377-06
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB04-0-1

Quant Time: Feb 10 05:05:02 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 03 14:16:01 2016
 Response via : Initial Calibration

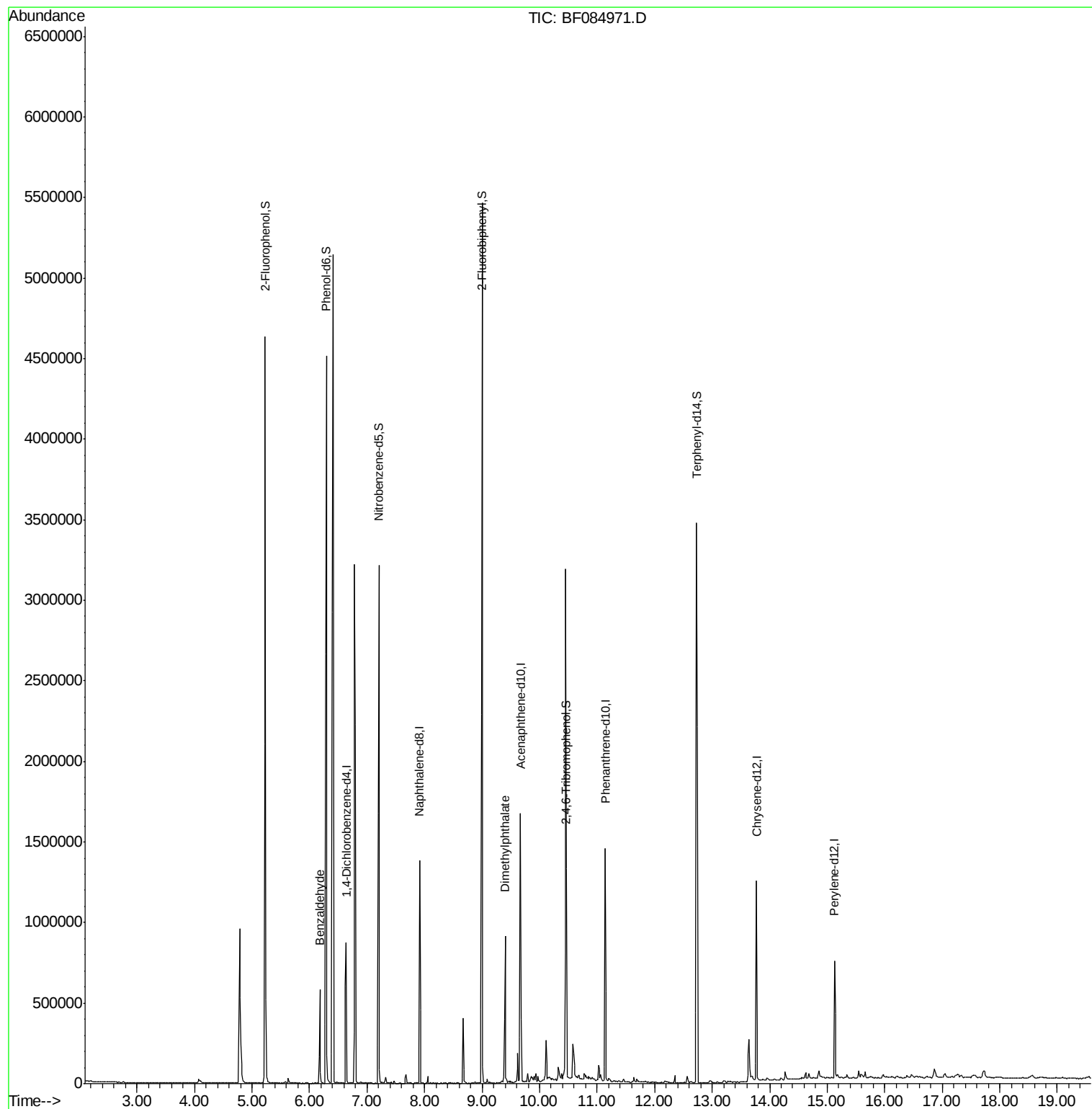
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	165118	20.00	ng	-0.05
21) Naphthalene-d8	7.92	136	698506	20.00	ng	-0.06
38) Acenaphthene-d10	9.66	164	334413	20.00	ng	-0.07
63) Phenanthrene-d10	11.14	188	568273	20.00	ng	-0.07
75) Chrysene-d12	13.77	240	413699	20.00	ng	-0.07
86) Perylene-d12	15.13	264	328499	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	1396727	131.76	ng	-0.05
7) Phenol-d6	6.29	99	1801463	137.08	ng	-0.05
23) Nitrobenzene-d5	7.21	82	1198217	96.63	ng	-0.06
41) 2,4,6-Tribromophenol	10.46	330	483147	138.51	ng	-0.06
44) 2-Fluorobiphenyl	9.00	172	1857068	98.97	ng	-0.06
78) Terphenyl-d14	12.73	244	1434529	78.58	ng	-0.07
Target Compounds						Qvalue
9) Benzaldehyde	6.18	77	116750	15.04	ng	93
49) Dimethylphthalate	9.40	163	427358	16.78	ng	# 91

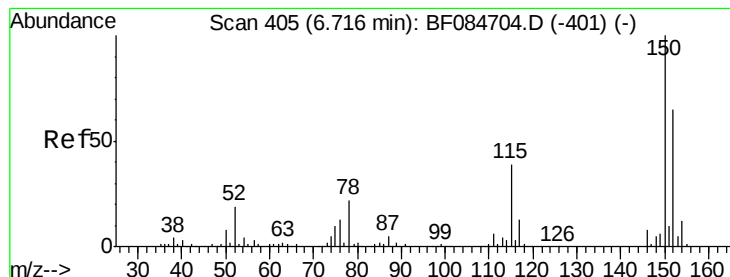
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.64 min Scan# 398

Delta R.T. -0.05 min

Lab File: BF084971.D

Acq: 10 Feb 2016 00:07

Instrument :

BNA_F

ClientSampleId :

SB04-0-1

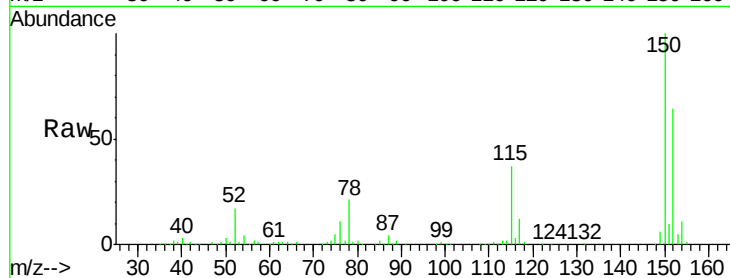
Tot Ion:152 Resp: 165118

Ion Ratio Lower Upper

152 100

150 157.0 123.0 184.4

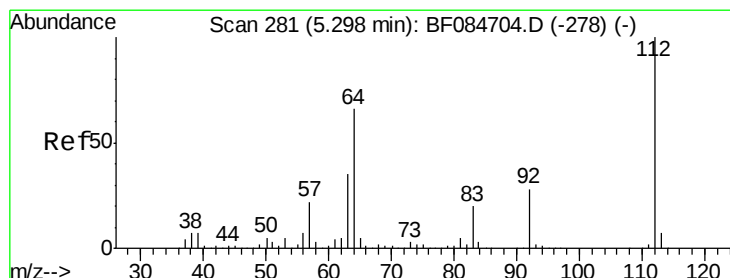
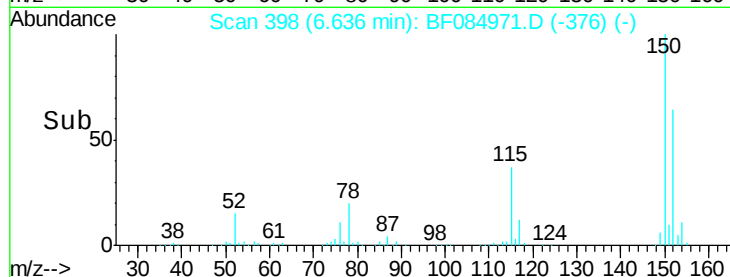
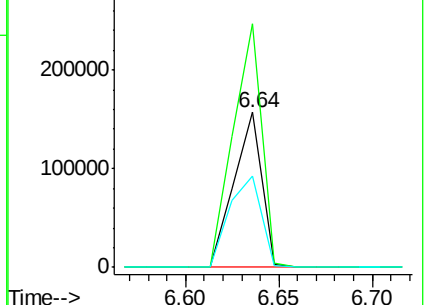
115 58.5 51.4 77.2



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: 131.76 ng

RT: 5.23 min Scan# 275

Delta R.T. -0.05 min

Lab File: BF084971.D

Acq: 10 Feb 2016 00:07

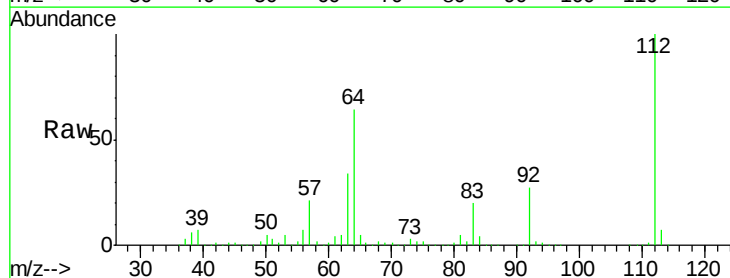
Tgt Ion:112 Resp: 1396727

Ion Ratio Lower Upper

112 100

64 63.6 36.6 55.0#

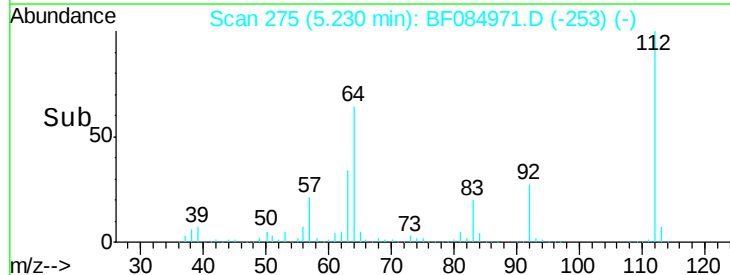
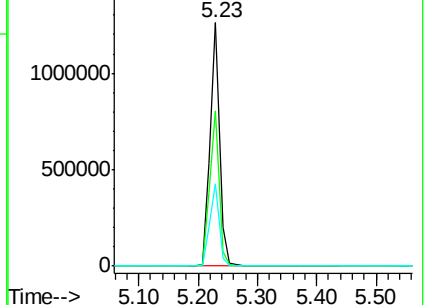
63 34.0 19.4 29.0#

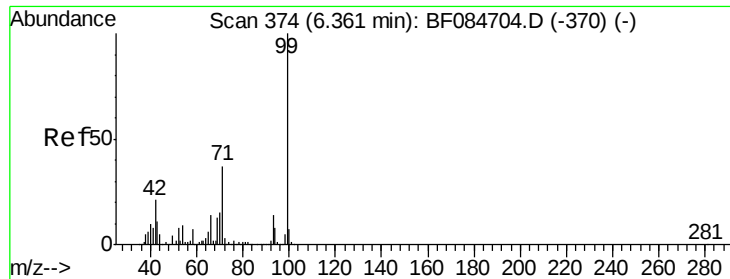


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 137.08 ng

RT: 6.29 min Scan# 368

Delta R.T. -0.05 min

Lab File: BF084971.D

Acq: 10 Feb 2016 00:07

Instrument :

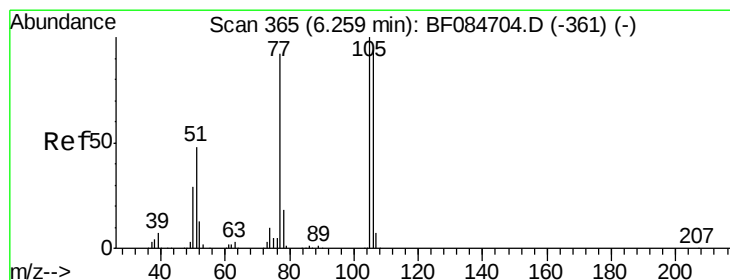
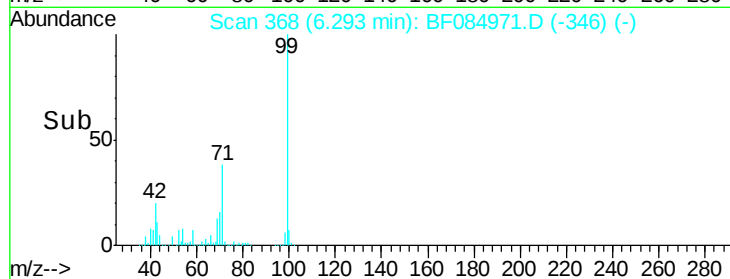
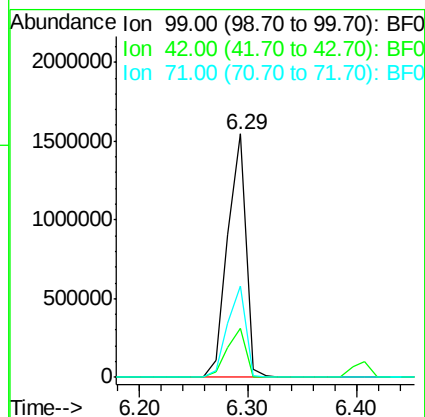
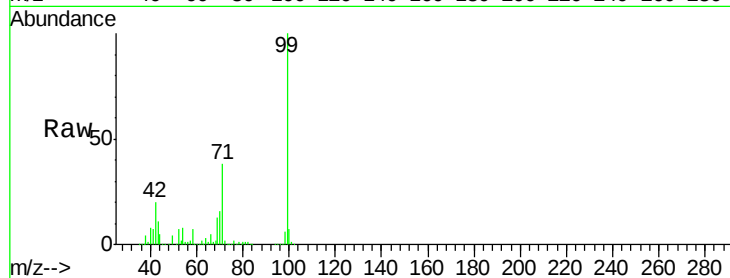
BNA_F

ClientSampleId :

SB04-0-1

Tot Ion: 99 Resp: 1801463

Ion	Ratio	Lower	Upper
99	100		
42	20.2	12.8	19.2#
71	37.6	30.9	46.3



#9

Benzaldehyde

Concen: 15.04 ng

RT: 6.18 min Scan# 358

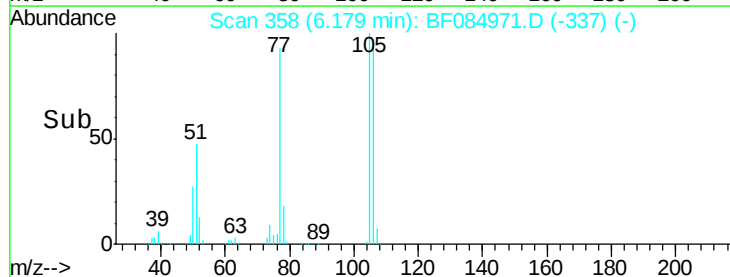
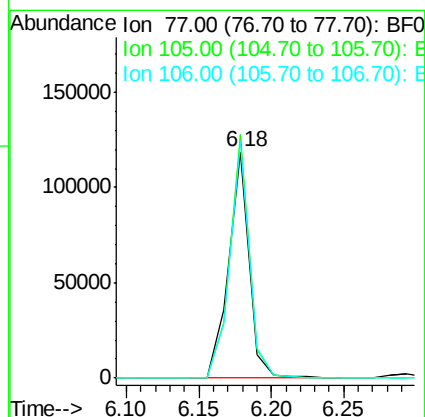
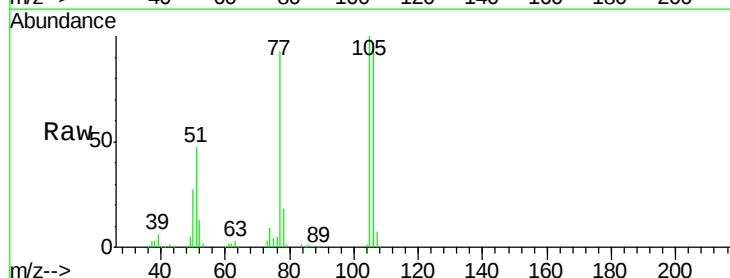
Delta R.T. -0.06 min

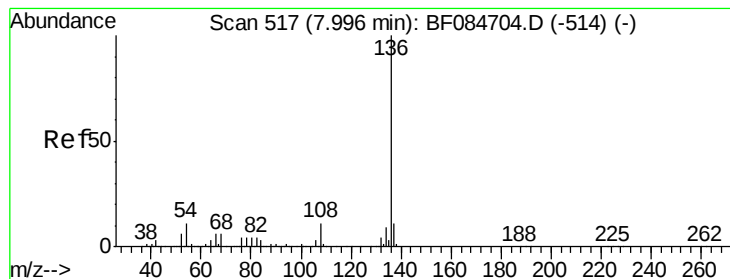
Lab File: BF084971.D

Acq: 10 Feb 2016 00:07

Tgt Ion: 77 Resp: 116750

Ion	Ratio	Lower	Upper
77	100		
105	107.8	83.0	123.0
106	104.6	74.6	114.6





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.92 min Scan# 510

Delta R.T. -0.06 min

Lab File: BF084971.D

Acq: 10 Feb 2016 00:07

Instrument :

BNA_F

ClientSampleId :

SB04-0-1

Tot Ion:136 Resp: 698506

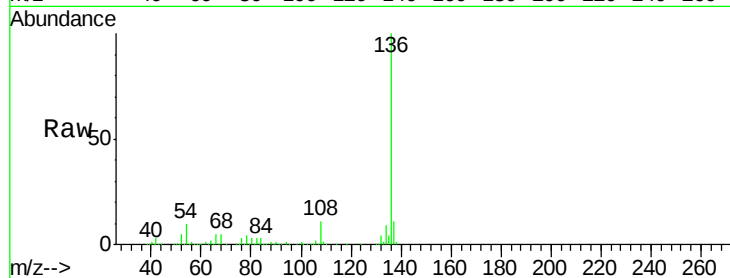
Ion Ratio Lower Upper

136 100

137 11.1 8.7 13.1

54 9.8 5.8 8.8#

68 5.4 4.2 6.2

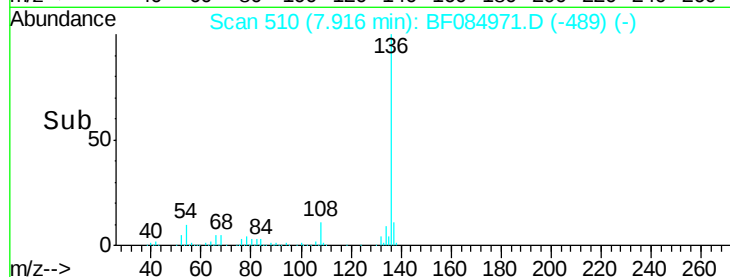


Abundance Ion 136.00 (135.70 to 136.70): E

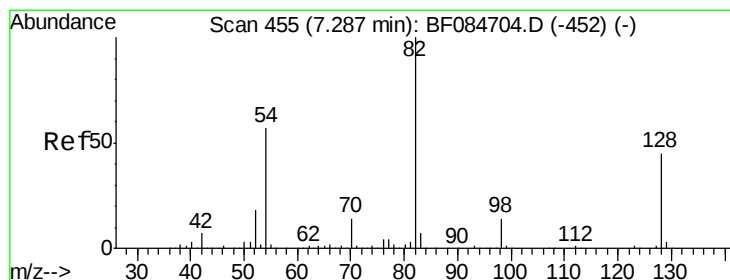
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#23

Nitrobenzene-d5

Concen: 96.63 ng

RT: 7.21 min Scan# 448

Delta R.T. -0.06 min

Lab File: BF084971.D

Acq: 10 Feb 2016 00:07

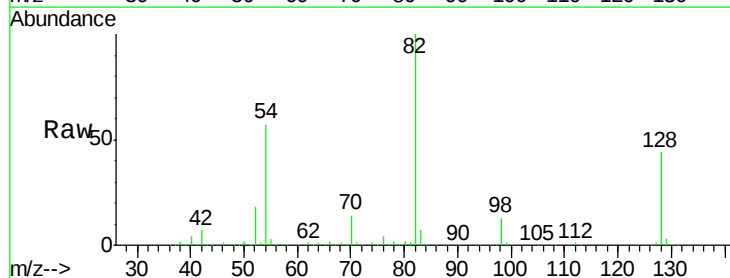
Tgt Ion: 82 Resp: 1198217

Ion Ratio Lower Upper

82 100

128 43.8 34.6 51.8

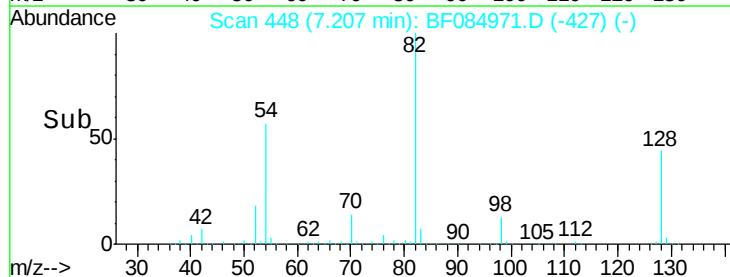
54 56.6 38.4 57.6



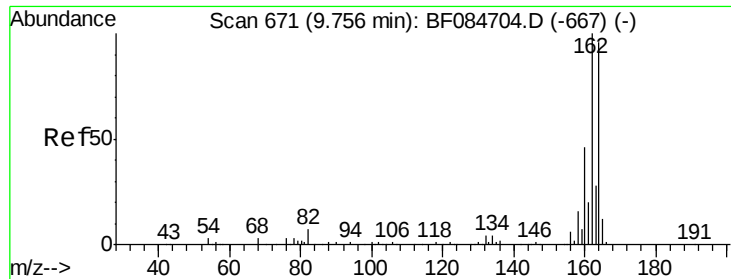
Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



Time-->



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.66 min Scan# 663

Delta R.T. -0.07 min

Lab File: BF084971.D

Acq: 10 Feb 2016 00:07

Instrument :

BNA_F

ClientSampleId :

SB04-0-1

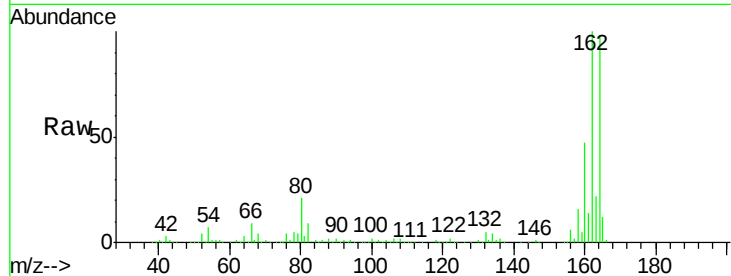
Tot Ion:164 Resp: 334413

Ion Ratio Lower Upper

164 100

162 102.5 85.1 127.7

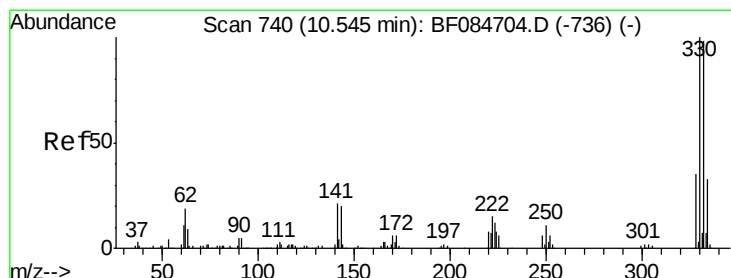
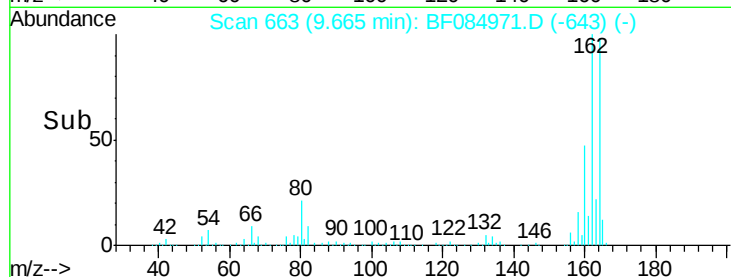
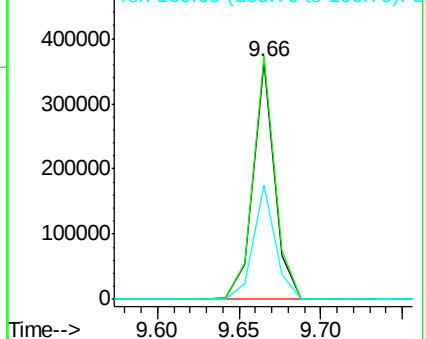
160 48.0 37.5 56.3



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: 138.51 ng

RT: 10.46 min Scan# 733

Delta R.T. -0.06 min

Lab File: BF084971.D

Acq: 10 Feb 2016 00:07

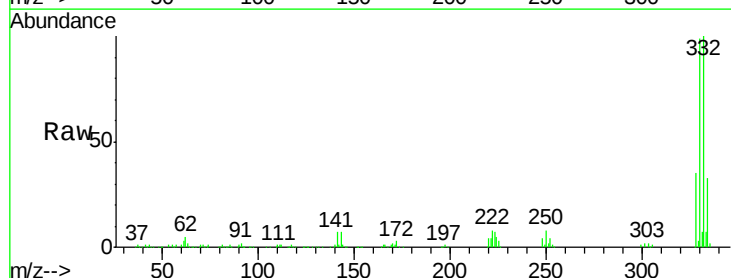
Tgt Ion:330 Resp: 483147

Ion Ratio Lower Upper

330 100

332 99.7 76.6 114.8

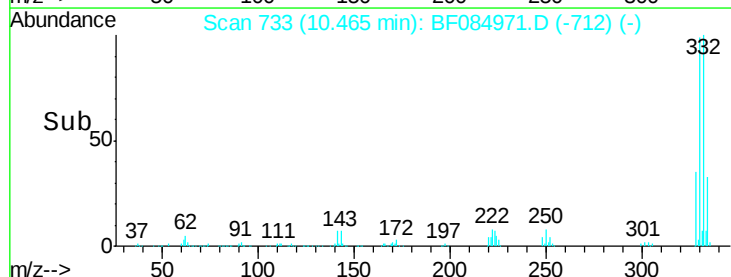
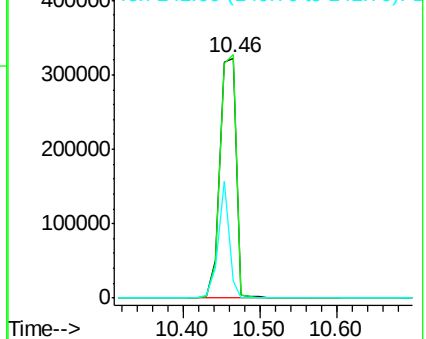
141 32.4 27.8 41.6

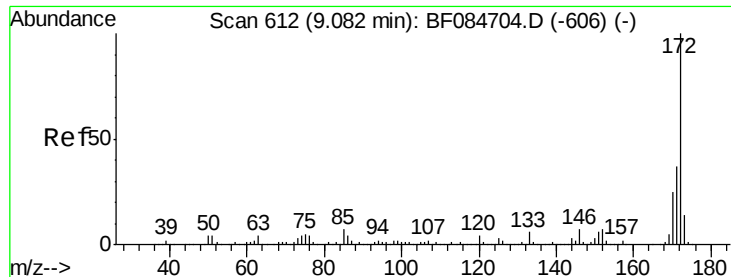


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

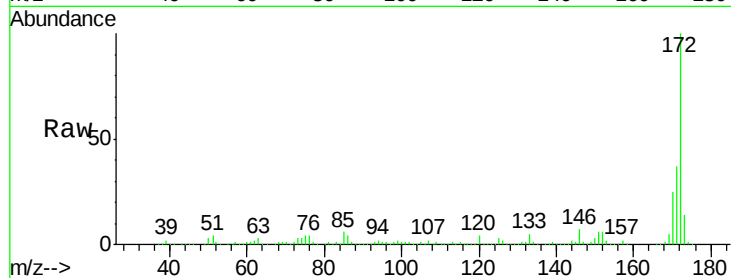




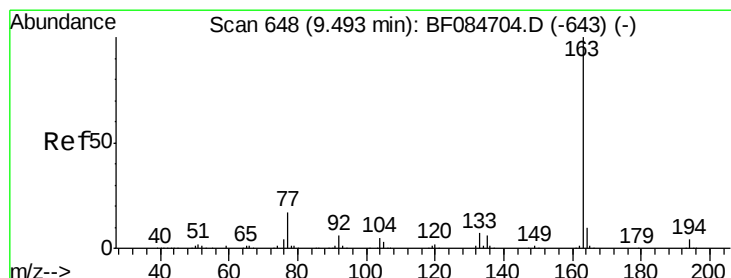
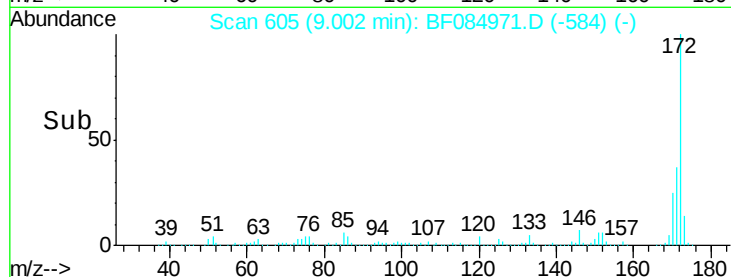
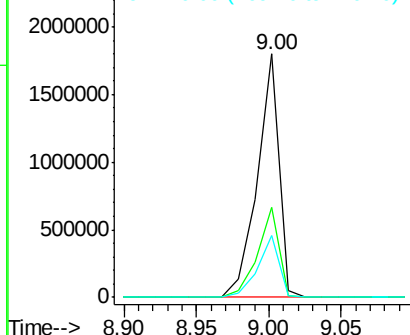
#44
2-Fluorobiphenyl
Concen: 98.97 ng
RT: 9.00 min Scan# 605
Delta R.T. -0.06 min
Lab File: BF084971.D
Acq: 10 Feb 2016 00:07

Instrument :
BNA_F
ClientSampleId :
SB04-0-1

Tot Ion:172 Resp: 1857068
Ion Ratio Lower Upper
172 100
171 37.0 28.9 43.3
170 25.2 18.6 27.8

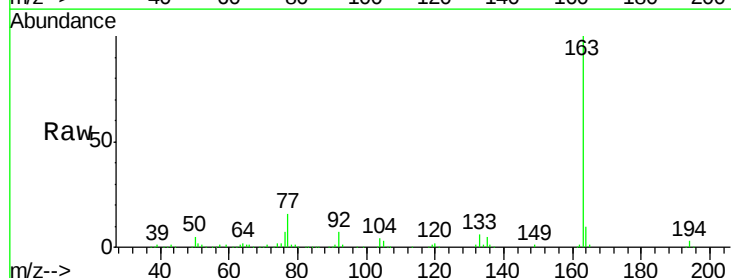


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

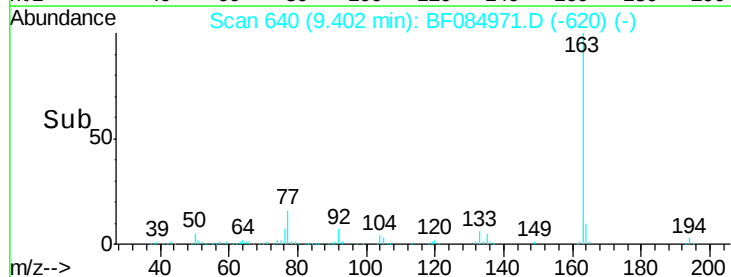
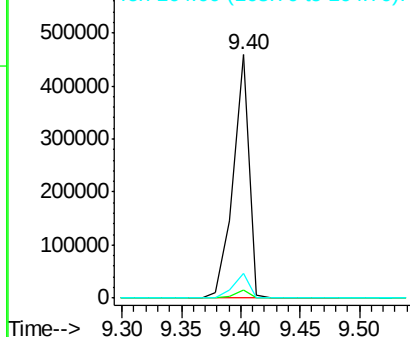


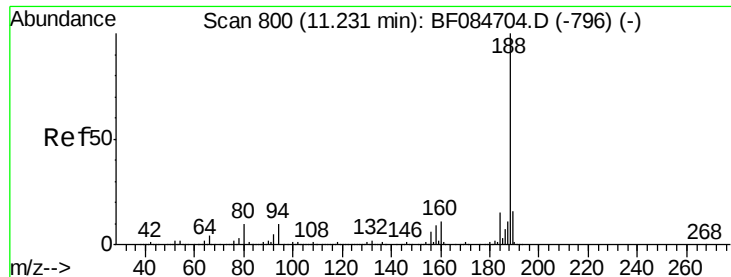
#49
Dimethylphthalate
Concen: 16.78 ng
RT: 9.40 min Scan# 640
Delta R.T. -0.07 min
Lab File: BF084971.D
Acq: 10 Feb 2016 00:07

Tgt Ion:163 Resp: 427358
Ion Ratio Lower Upper
163 100
194 3.3 8.0 12.0#
164 10.0 8.0 12.0



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





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.14 min Scan# 792

Delta R.T. -0.07 min

Lab File: BF084971.D

Acq: 10 Feb 2016 00:07

Instrument :

BNA_F

ClientSampleId :

SB04-0-1

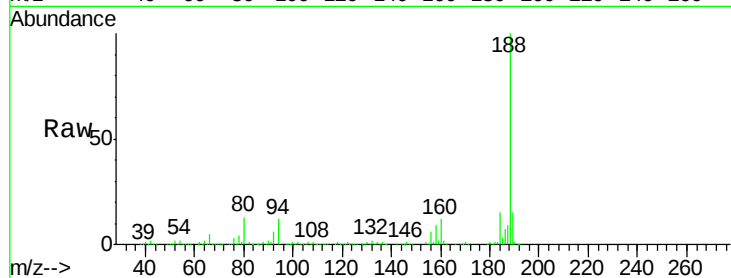
Tot Ion:188 Resp: 568273

Ion Ratio Lower Upper

188 100

94 11.9 9.0 13.4

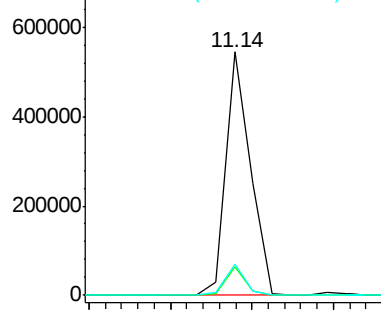
80 12.7 9.6 14.4



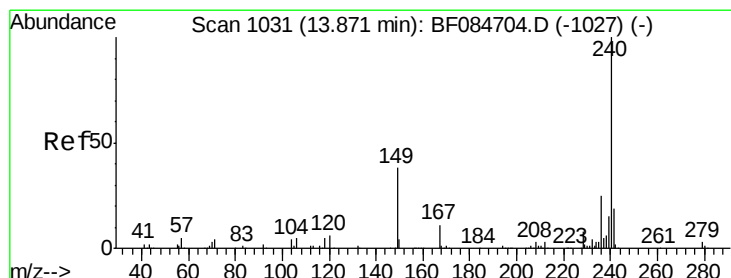
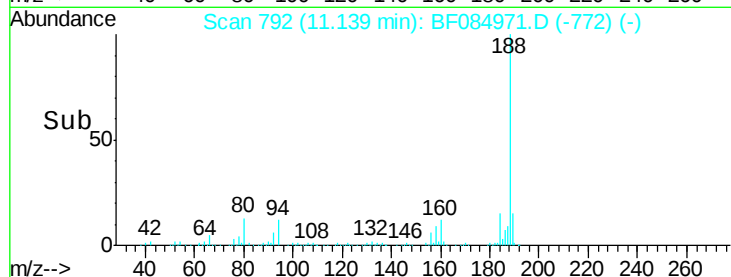
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



Time--> 11.05 11.10 11.15 11.20



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.77 min Scan# 1022

Delta R.T. -0.07 min

Lab File: BF084971.D

Acq: 10 Feb 2016 00:07

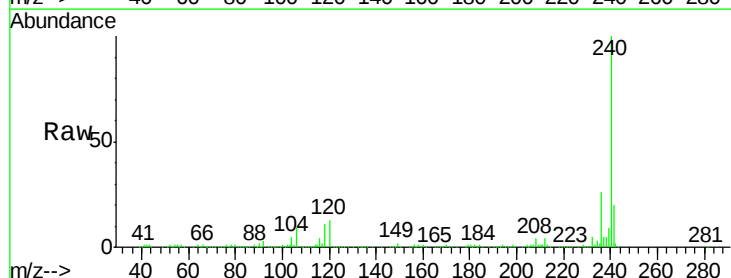
Tgt Ion:240 Resp: 413699

Ion Ratio Lower Upper

240 100

120 12.6 9.5 14.3

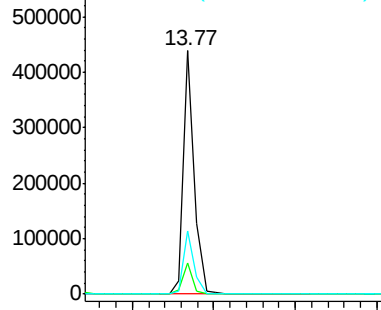
236 25.9 20.6 31.0



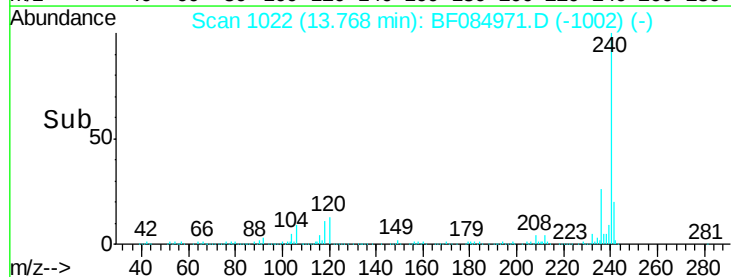
Abundance Ion 240.00 (239.70 to 240.70): E

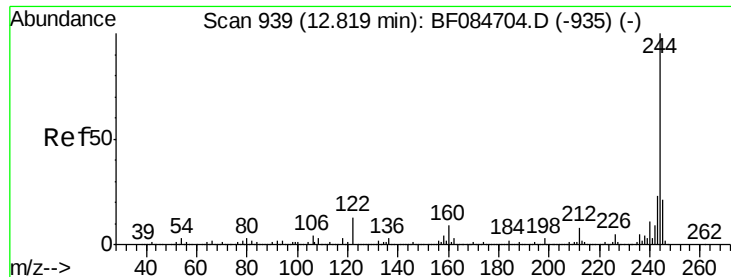
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time--> 13.70 13.80 13.90





#78

Terphenyl-d14

Concen: 78.58 ng

RT: 12.73 min Scan# 931

Delta R.T. -0.07 min

Lab File: BF084971.D

Acq: 10 Feb 2016 00:07

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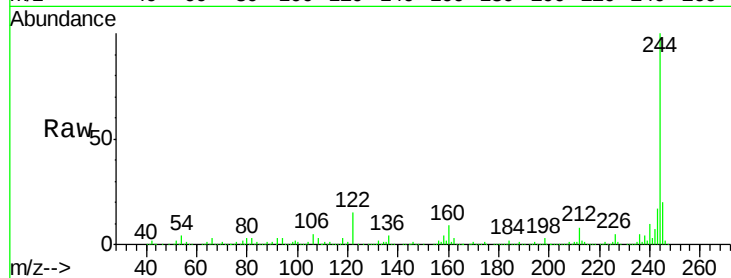
Tot Ion:244 Resp: 1434529

Ion Ratio Lower Upper

244 100

212 7.5 5.7 8.5

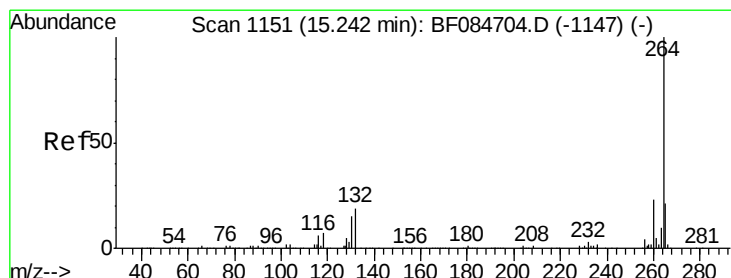
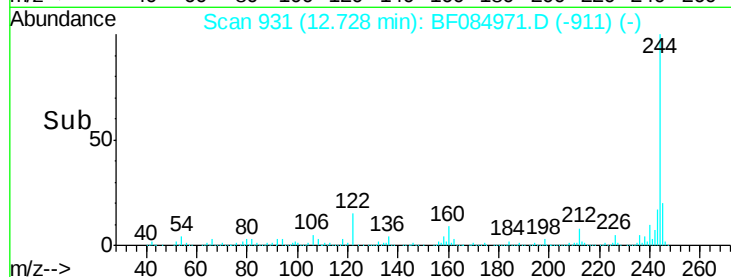
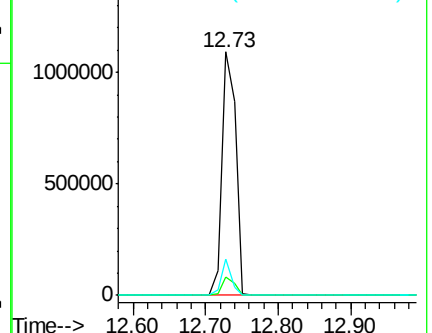
122 14.6 7.4 11.0#



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: 20.00 ng

RT: 15.13 min Scan# 1141

Delta R.T. -0.08 min

Lab File: BF084971.D

Acq: 10 Feb 2016 00:07

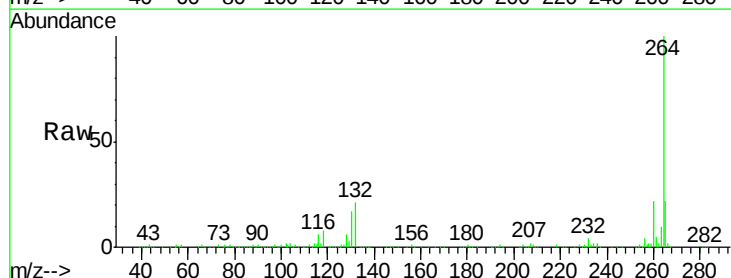
Tgt Ion:264 Resp: 328499

Ion Ratio Lower Upper

264 100

260 22.4 19.4 29.2

265 21.6 17.8 26.6



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

