

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE051017\
 Data File : BE092982.D
 Acq On : 10 May 2017 15:11
 Operator : SJ/MA
 Sample : PB98586BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB98586BL

Quant Time: May 11 05:17:29 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE051017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 10 03:43:15 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	41913	0.40	ng	0.00
7) Naphthalene-d8	10.53	136	163239	0.40	ng	0.00
13) Acenaphthene-d10	14.39	164	76428	0.40	ng	0.00
19) Phenanthrene-d10	17.13	188	180147	0.40	ng	0.00
26) Chrysene-d12	21.28	240	199618	0.40	ng	0.00
33) Perylene-d12	23.70	264	195115	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.36	112	341594	2.90	ng	0.00
5) Phenol-d6	6.94	99	490940	3.33	ng	0.00
8) Nitrobenzene-d5	8.90	82	267904	2.10	ng	0.00
11) 2-Methylnaphthalene-d10	0.00	152	0	0.00	ng	0.00
14) 2,4,6-Tribromophenol	15.88	330	70563	3.54	ng	0.00
15) 2-Fluorobiphenyl	13.01	172	505042	1.76	ng	0.00
24) Fluoranthene-d10	0.00	212	0	0.00	ng	0.00
28) Terphenyl-d14	19.74	244	509340	1.66	ng	0.00

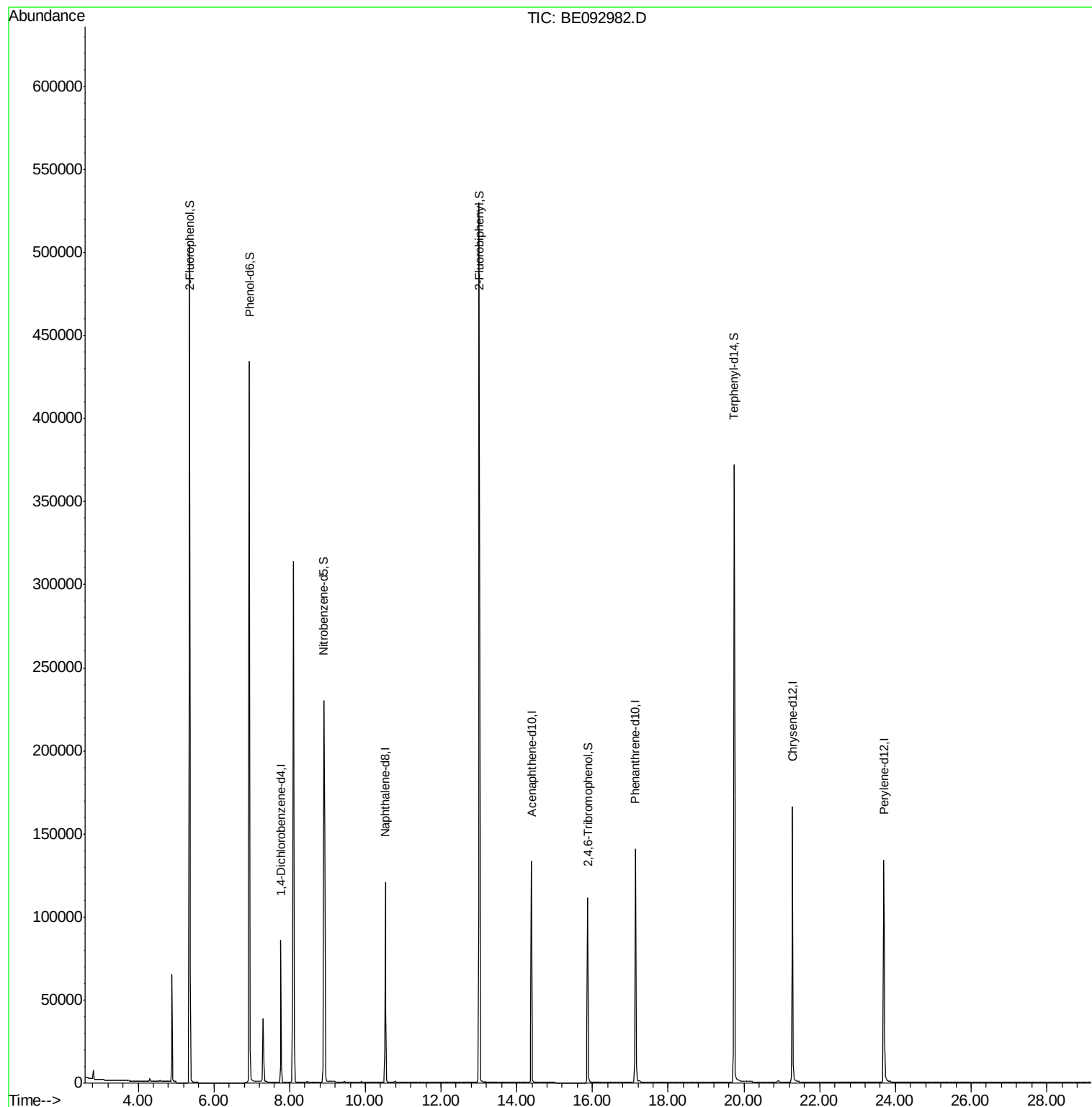
Target Compounds	Qvalue
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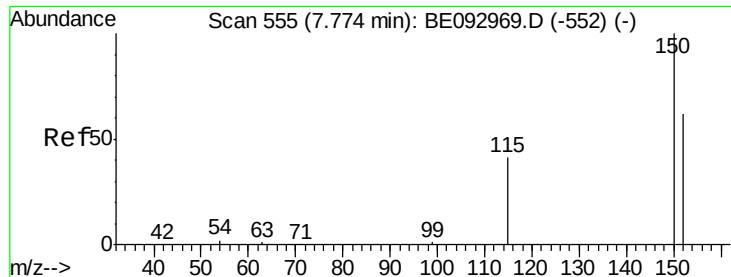
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.40 ng

RT: 7.77 min Scan# 555

Delta R.T. -0.00 min

Lab File: BE092982.D

Acq: 10 May 2017 15:11

Instrument :

BNA_E

ClientSampled :

PB98586BL

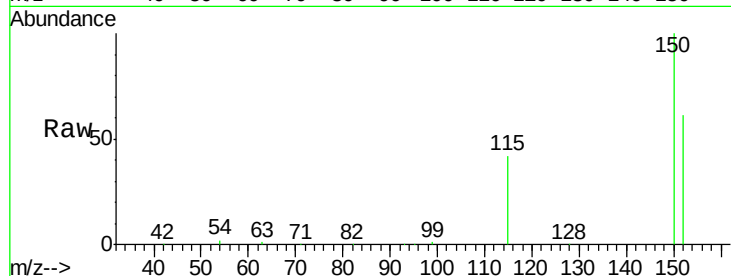
Tgt Ion:152 Resp: 41913

Ion Ratio Lower Upper

152 100

150 162.9 125.1 187.7

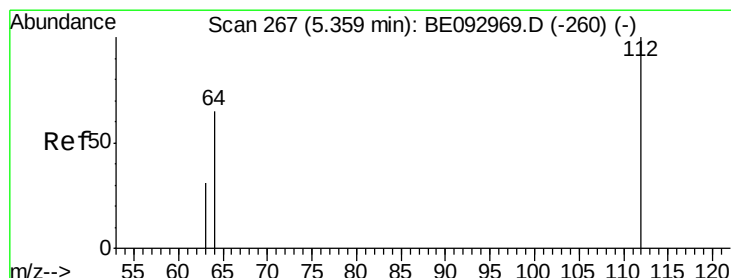
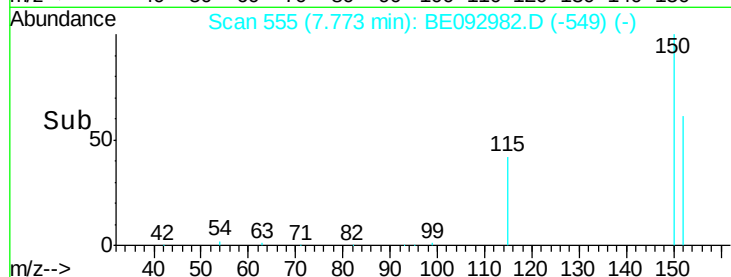
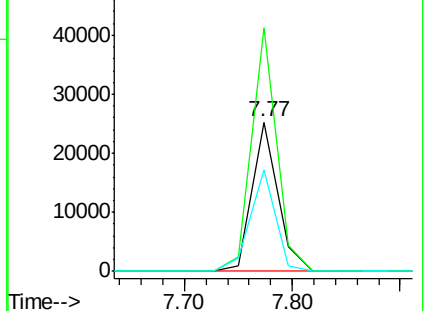
115 67.9 55.7 83.5



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



#4

2-Fluorophenol

Concen: 2.90 ng

RT: 5.36 min Scan# 267

Delta R.T. 0.00 min

Lab File: BE092982.D

Acq: 10 May 2017 15:11

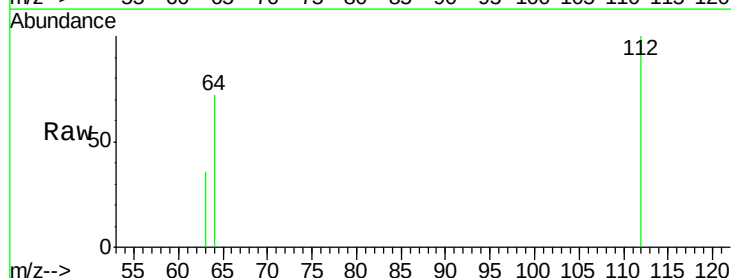
Tgt Ion:112 Resp: 341594

Ion Ratio Lower Upper

112 100

64 72.6 56.4 84.6

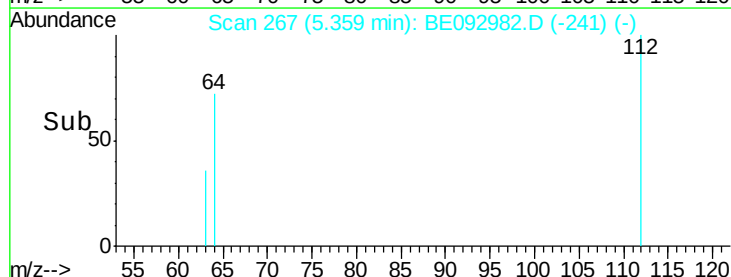
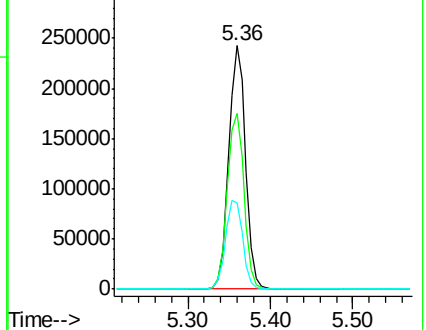
63 37.3 29.3 43.9

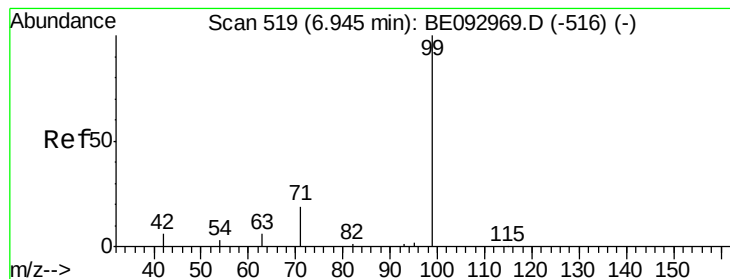


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 3.33 ng

RT: 6.94 min Scan# 519

Delta R.T. -0.00 min

Lab File: BE092982.D

Acq: 10 May 2017 15:11

Instrument :

BNA_E

ClientSampleId :

PB98586BL

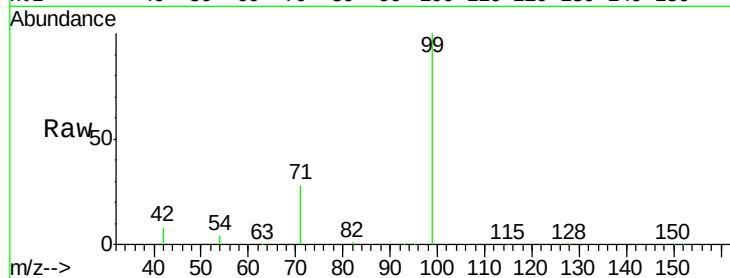
Tgt Ion: 99 Resp: 490940

Ion Ratio Lower Upper

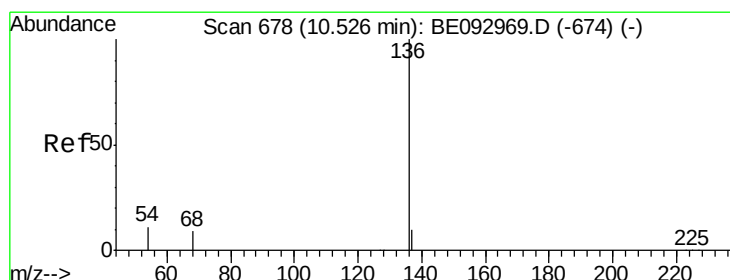
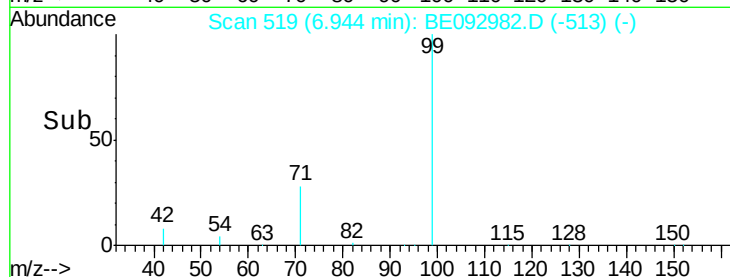
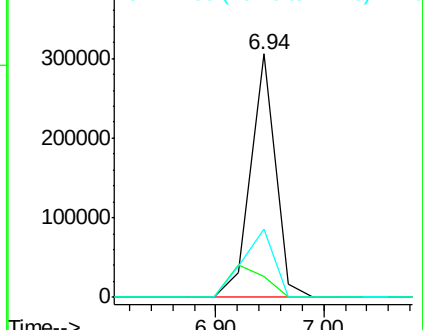
99 100

42 0.0 0.0 0.0

71 35.3 0.0 0.0#



Abundance Ion 99.00 (98.70 to 99.70): BE0
Ion 42.00 (41.70 to 42.70): BE0
Ion 71.00 (70.70 to 71.70): BE0



#7

Naphthalene-d8

Concen: 0.40 ng

RT: 10.53 min Scan# 678

Delta R.T. -0.00 min

Lab File: BE092982.D

Acq: 10 May 2017 15:11

Tgt Ion: 136 Resp: 163239

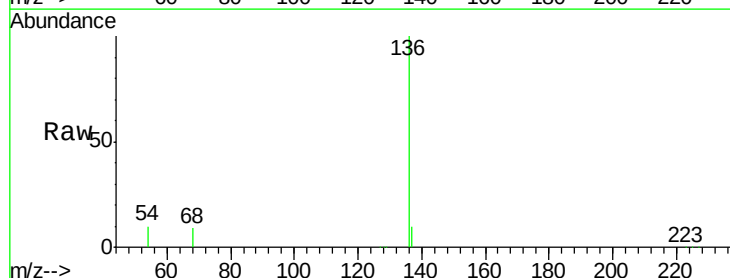
Ion Ratio Lower Upper

136 100

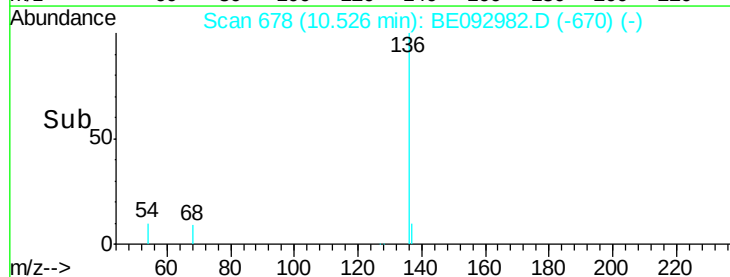
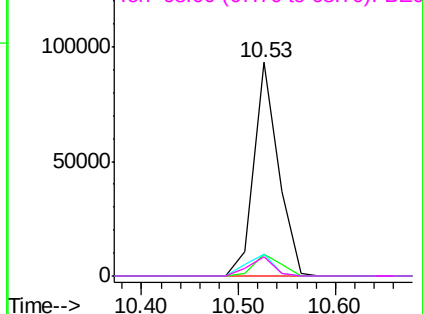
137 10.4 9.8 14.8

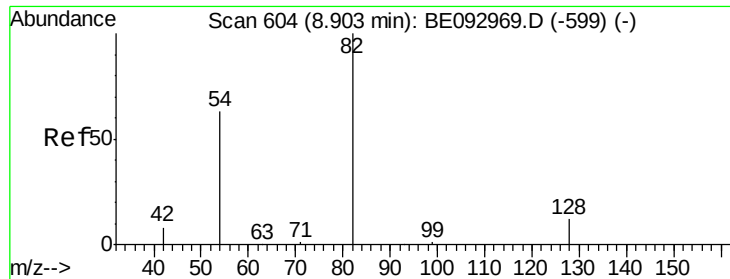
54 10.3 10.3 15.5

68 9.0 9.0 13.4



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): BE0
Ion 68.00 (67.70 to 68.70): BE0





#8

Nitrobenzene-d5

Concen: 2.10 ng

RT: 8.90 min Scan# 604

Delta R.T. -0.00 min

Lab File: BE092982.D

Acq: 10 May 2017 15:11

Instrument :

BNA_E

ClientSampleId :

PB98586BL

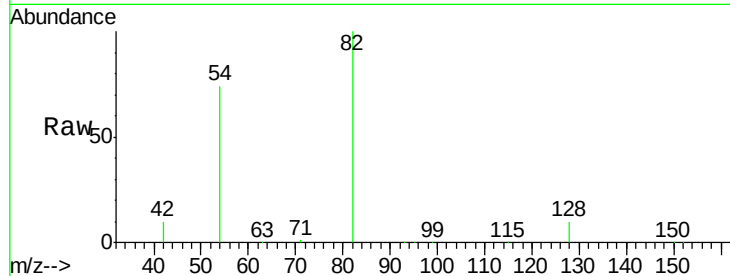
Tgt Ion: 82 Resp: 267904

Ion Ratio Lower Upper

82 100

128 9.9 17.0 25.4#

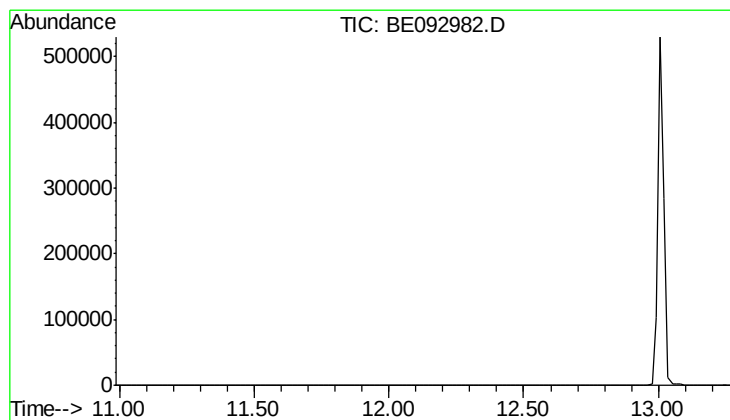
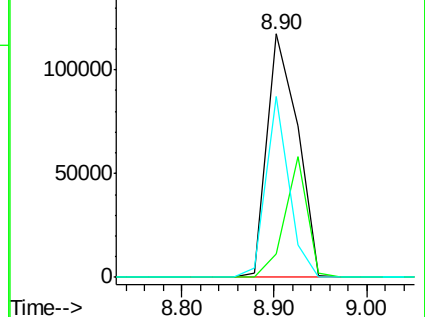
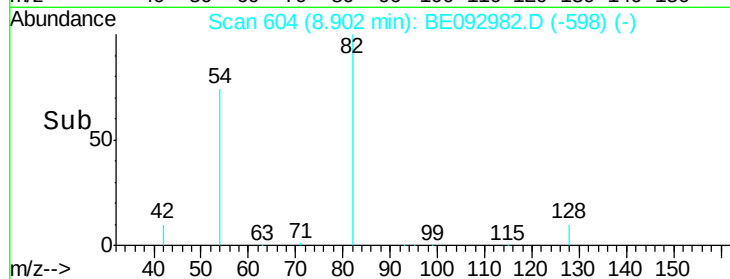
54 74.2 53.8 80.6



Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): BE0

Ion 54.00 (53.70 to 54.70): BE0



#11

2-Methylnaphthalene-d10

Concen: 0.00 ng

Expected RT: 12.13 min

Lab File: BE092982.D

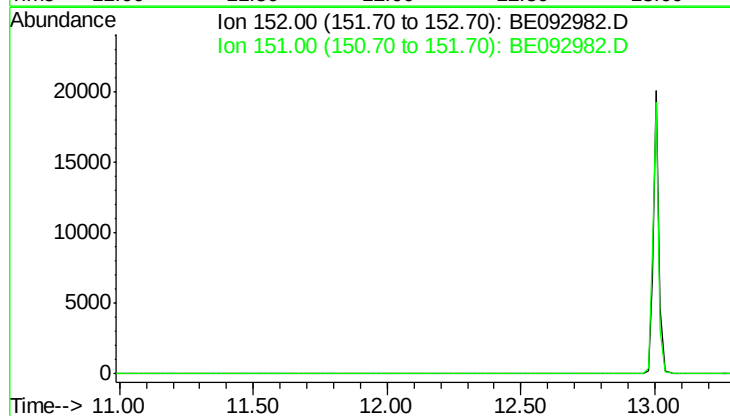
Acq: 10 May 2017 15:11

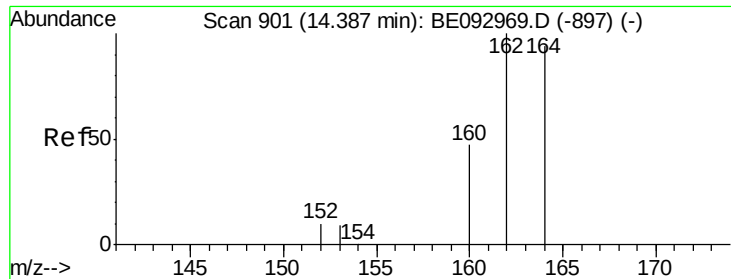
Tgt Ion: 152

Sig Exp Ratio

152 100

151 18.9





#13

Acenaphthene-d10

Concen: 0.40 ng

RT: 14.39 min Scan# 901

Delta R.T. -0.00 min

Lab File: BE092982.D

Acq: 10 May 2017 15:11

Instrument :

BNA_E

ClientSampleId :

PB98586BL

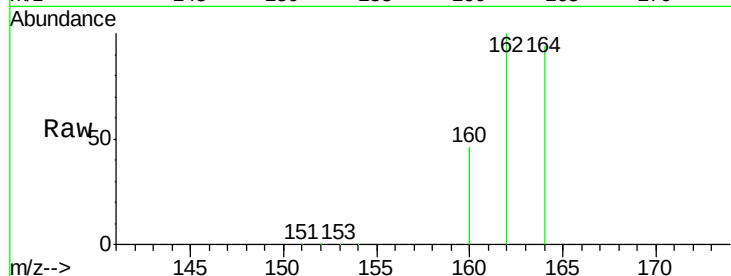
Tgt Ion:164 Resp: 76428

Ion Ratio Lower Upper

164 100

162 105.9 84.6 127.0

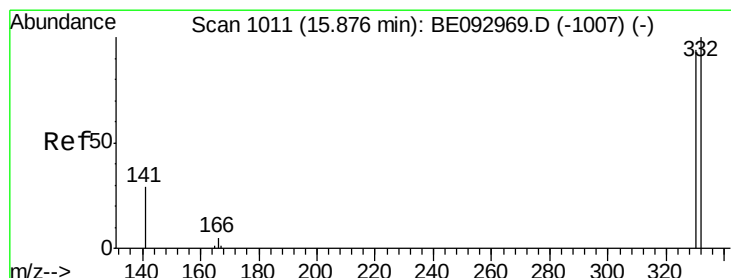
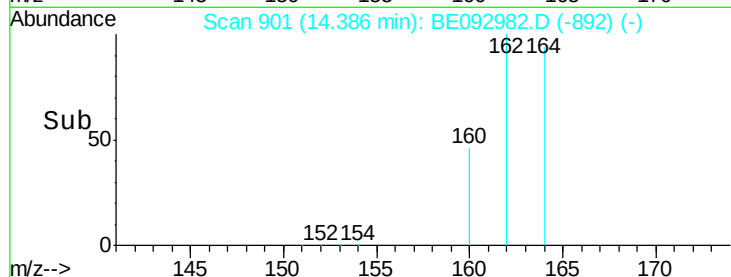
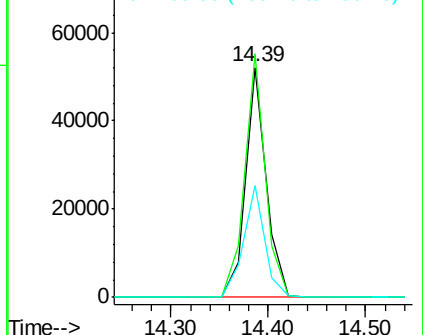
160 48.8 41.8 62.6



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



#14

2,4,6-Tribromophenol

Concen: 3.54 ng

RT: 15.88 min Scan# 1011

Delta R.T. 0.00 min

Lab File: BE092982.D

Acq: 10 May 2017 15:11

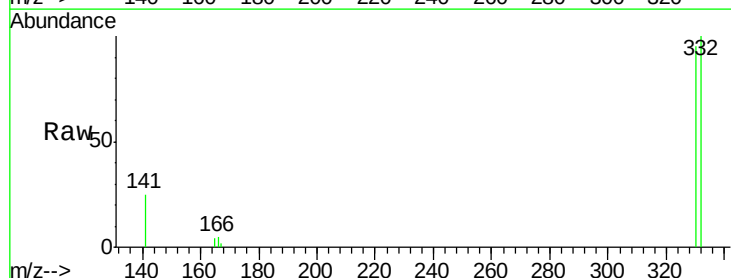
Tgt Ion:330 Resp: 70563

Ion Ratio Lower Upper

330 100

332 96.4 77.7 116.5

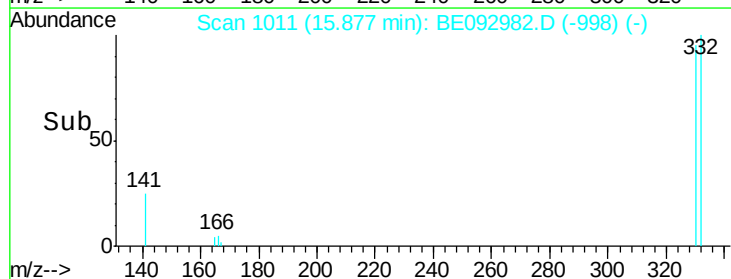
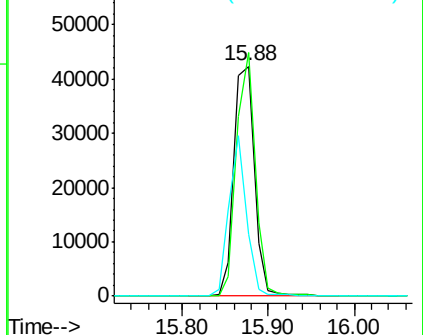
141 59.3 56.2 84.4

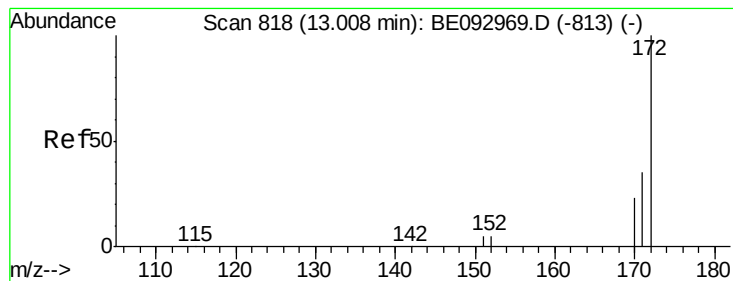


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 1.76 ng

RT: 13.01 min Scan# 818

Delta R.T. -0.00 min

Lab File: BE092982.D

Acq: 10 May 2017 15:11

Instrument :

BNA_E

ClientSampleId :

PB98586BL

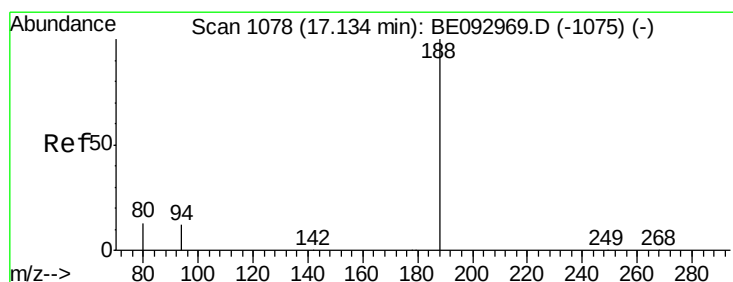
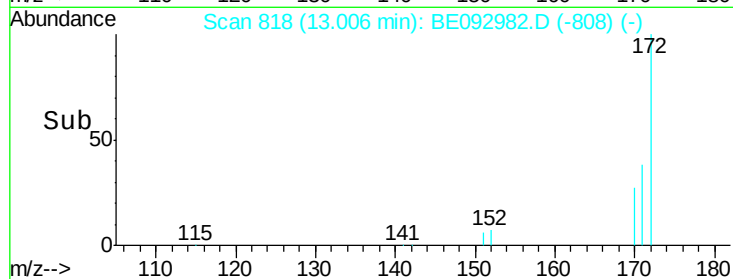
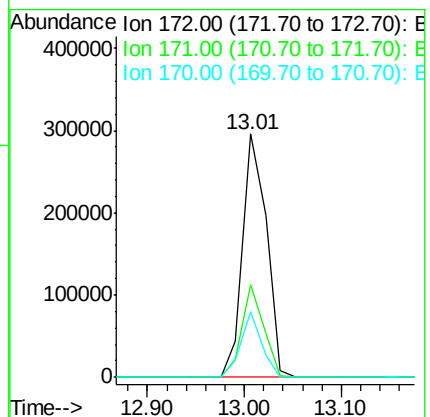
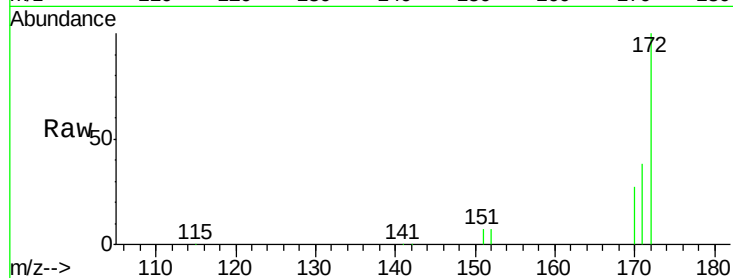
Tgt Ion:172 Resp: 505042

Ion Ratio Lower Upper

172 100

171 38.0 29.8 44.6

170 27.2 20.7 31.1



#19

Phenanthrene-d10

Concen: 0.40 ng

RT: 17.13 min Scan# 1078

Delta R.T. 0.00 min

Lab File: BE092982.D

Acq: 10 May 2017 15:11

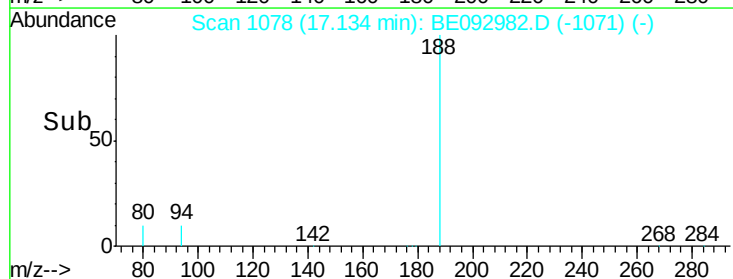
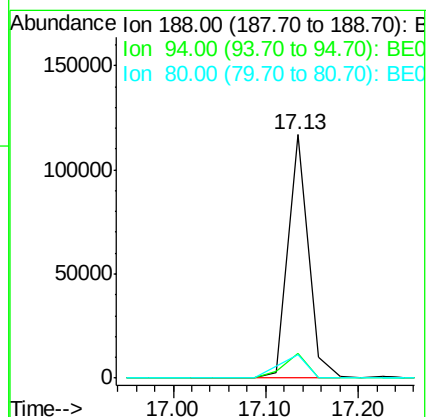
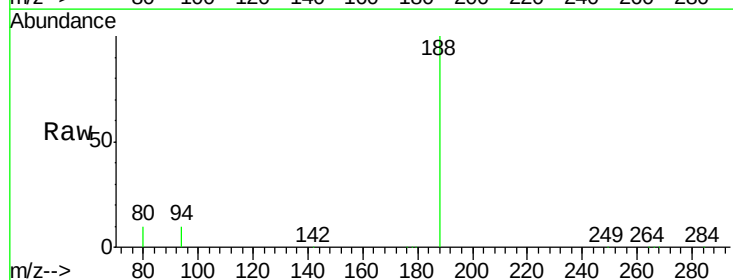
Tgt Ion:188 Resp: 180147

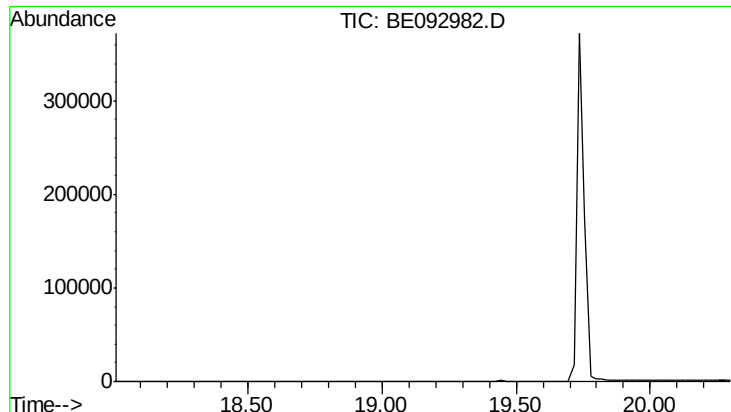
Ion Ratio Lower Upper

188 100

94 10.2 11.3 16.9#

80 9.8 11.7 17.5#



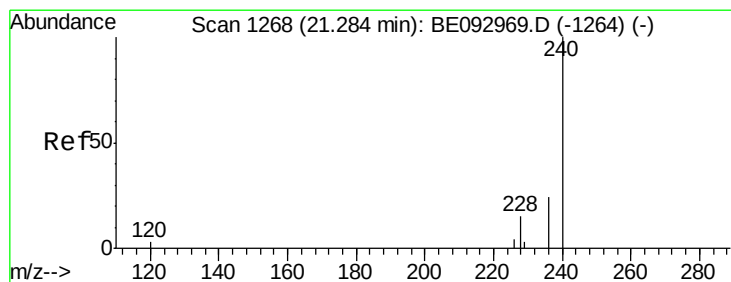
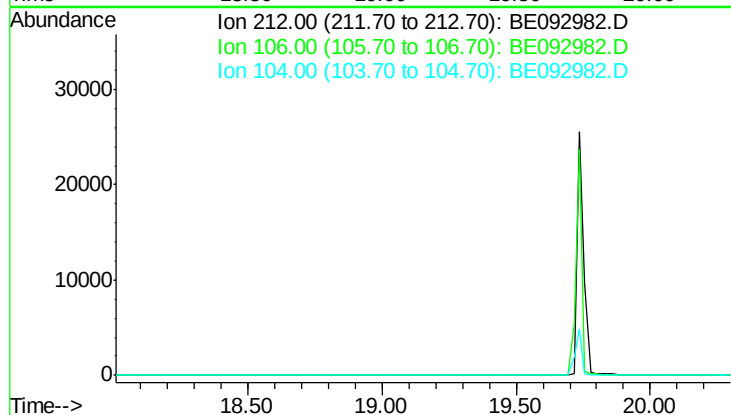


#24
 Fluoranthene-d10
 Concen: 0.00 ng
 Expected RT: 19.15 min
 Lab File: BE092982.D
 Acq: 10 May 2017 15:11

Instrument :
 BNA_E
 ClientSampleId :
 PB98586BL

Tgt Ion: 212

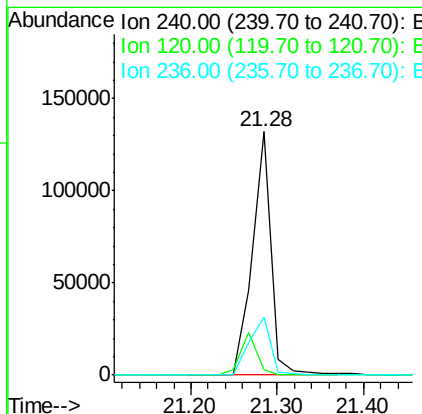
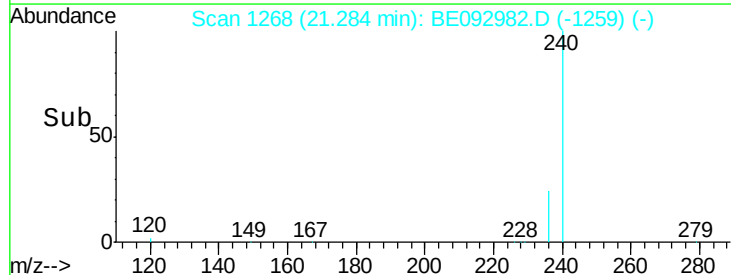
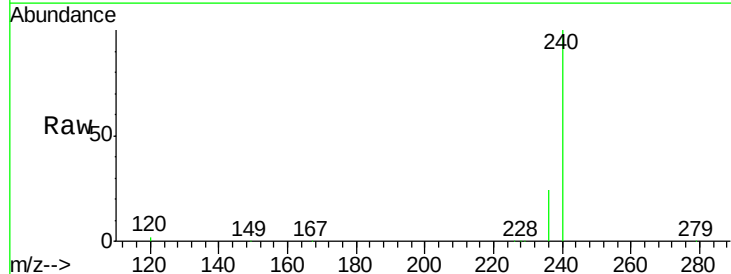
Sig	Exp Ratio
212	100
106	0.0
104	0.0

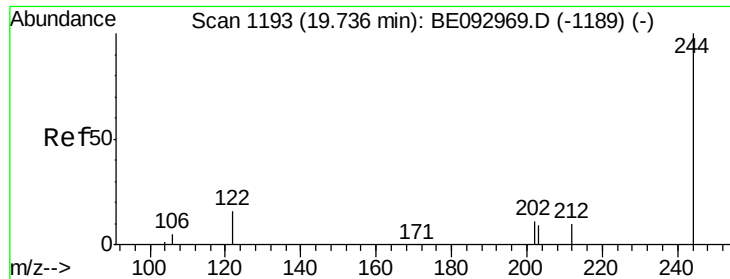


#26
 Chrysene-d12
 Concen: 0.40 ng
 RT: 21.28 min Scan# 1268
 Delta R.T. 0.00 min
 Lab File: BE092982.D
 Acq: 10 May 2017 15:11

Tgt Ion: 240 Resp: 199618

Ion	Ratio	Lower	Upper
240	100		
120	2.0	4.6	7.0#
236	23.6	20.8	31.2





#28

Terphenyl-d14

Concen: 1.66 ng

RT: 19.74 min Scan# 1193

Delta R.T. -0.00 min

Lab File: BE092982.D

Acq: 10 May 2017 15:11

Instrument :

BNA_E

ClientSampleId :

PB98586BL

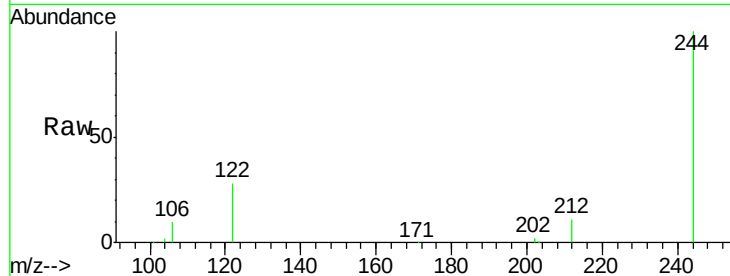
Tgt Ion:244 Resp: 509340

Ion Ratio Lower Upper

244 100

212 10.7 10.6 16.0

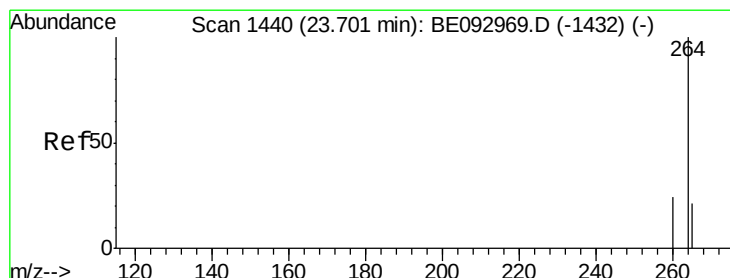
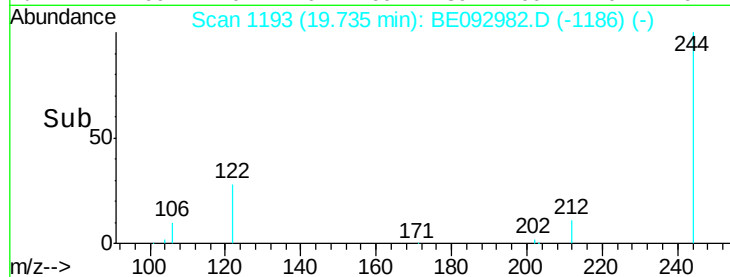
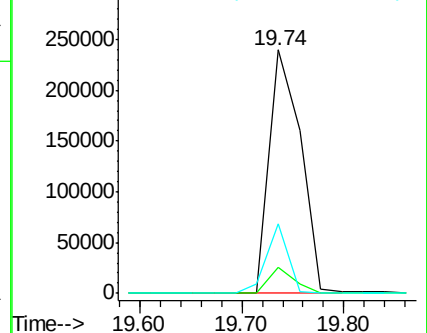
122 28.4 15.4 23.0#



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



#33

Perylene-d12

Concen: 0.40 ng

RT: 23.70 min Scan# 1440

Delta R.T. -0.00 min

Lab File: BE092982.D

Acq: 10 May 2017 15:11

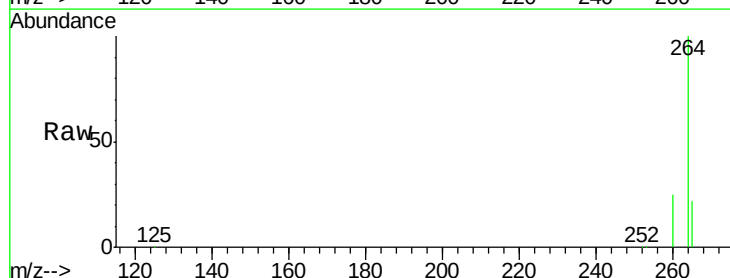
Tgt Ion:264 Resp: 195115

Ion Ratio Lower Upper

264 100

260 24.9 21.0 31.4

265 21.6 24.6 36.8#



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

