

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE082018\
 Data File : BE097340.D
 Acq On : 20 Aug 2018 20:04
 Operator : SJ/JU
 Sample : PB112113BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB112113BL

Quant Time: Aug 21 05:22:18 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE082018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 20 18:32:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	936	0.40	ng	0.00
7) Naphthalene-d8	10.15	136	3910	0.40	ng	0.01
13) Acenaphthene-d10	14.03	164	1954	0.40	ng	0.01
19) Phenanthrene-d10	16.78	188	5783	0.40	ng	0.01
27) Chrysene-d12	20.98	240	4638	0.40	ng	0.00
34) Perylene-d12	23.23	264	3715	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.06	112	1082	0.50	ng	0.01
5) Phenol-d6	6.61	99	1079	0.34	ng	0.01
8) Nitrobenzene-d5	8.53	82	818	0.49	ng	0.01
11) 2-Methylnaphthalene-d10	11.75	152	2404	0.45	ng	0.03
14) 2,4,6-Tribromophenol	15.55	330	89	0.30	ng	0.02
15) 2-Fluorobiphenyl	12.66	172	3415	0.43	ng	0.02
25) Fluoranthene-d10	18.82	212	26202	0.51	ng	0.01
29) Terphenyl-d14	19.44	244	4123	0.44	ng	0.00

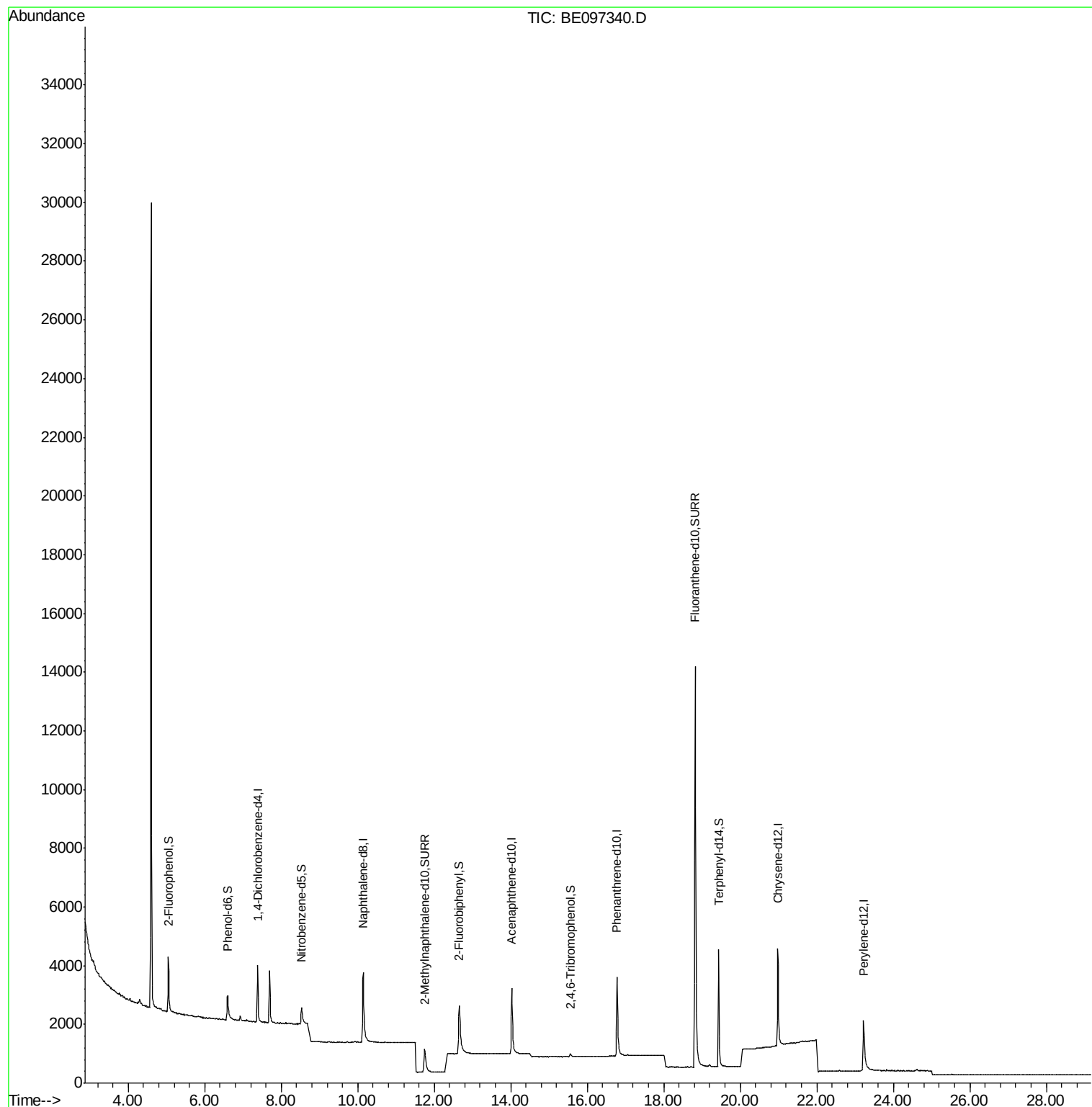
Target Compounds	Qvalue
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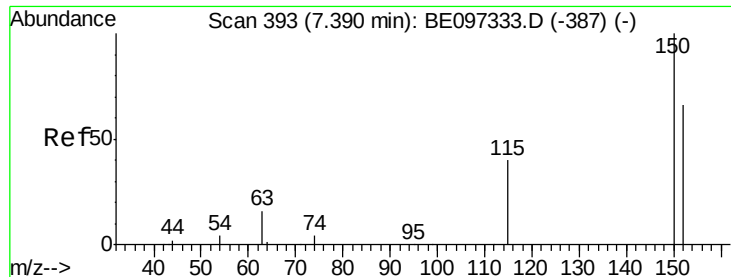
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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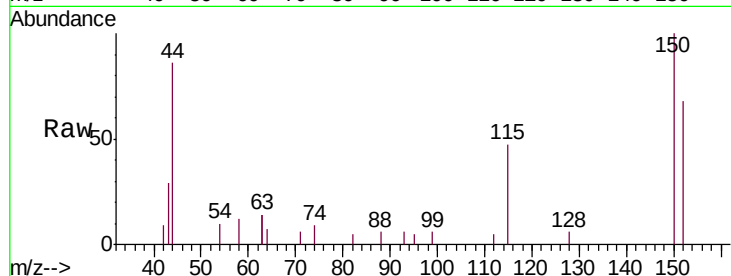


#1

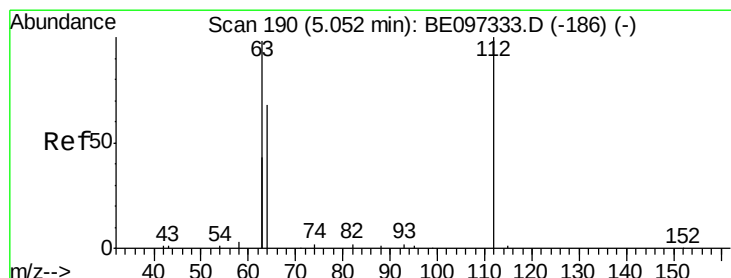
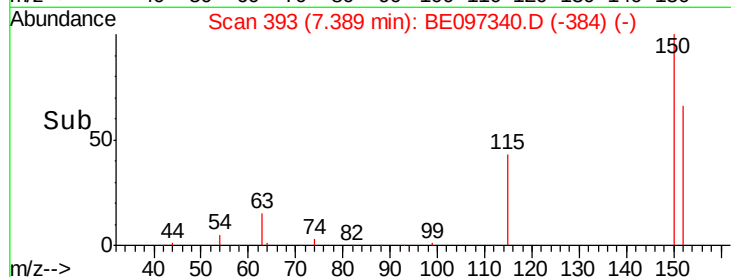
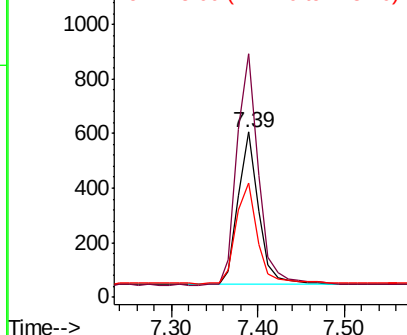
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.39 min Scan# 393
Delta R.T. -0.00 min
Lab File: BE097340.D
Acq: 20 Aug 2018 20:04

Instrument :
BNA_E
ClientSampleId :
PB112113BL

Tgt Ion:152 Resp: 936
Ion Ratio Lower Upper
152 100
150 147.2 117.2 175.8
115 68.8 57.0 85.6



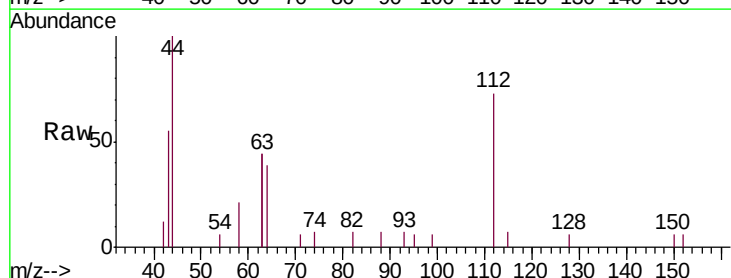
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



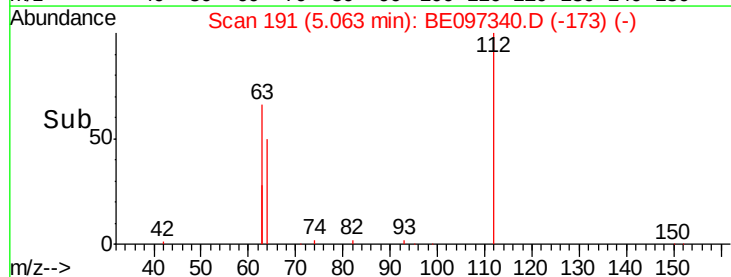
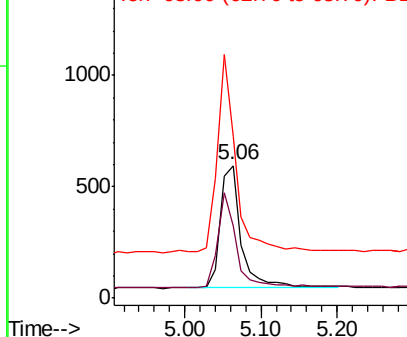
#4

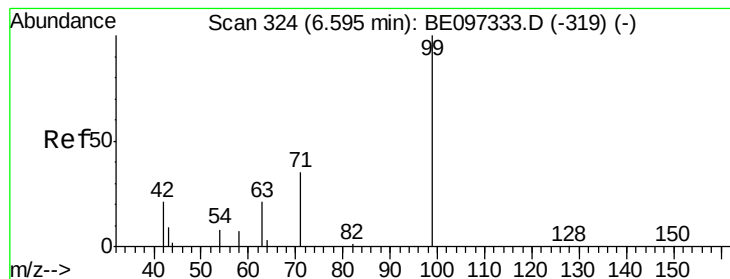
2-Fluorophenol
Concen: 0.504 ng
RT: 5.06 min Scan# 191
Delta R.T. 0.01 min
Lab File: BE097340.D
Acq: 20 Aug 2018 20:04

Tgt Ion:112 Resp: 1082
Ion Ratio Lower Upper
112 100
64 70.3 60.1 90.1
63 142.5 116.8 175.2



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: 0.339 ng

RT: 6.61 min Scan# 325

Delta R.T. 0.01 min

Lab File: BE097340.D

Acq: 20 Aug 2018 20:04

Instrument :

BNA_E

ClientSampleId :

PB112113BL

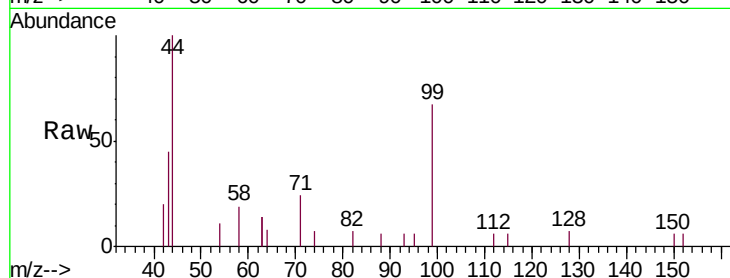
Tgt Ion: 99 Resp: 1079

Ion Ratio Lower Upper

99 100

42 21.2 20.2 30.2

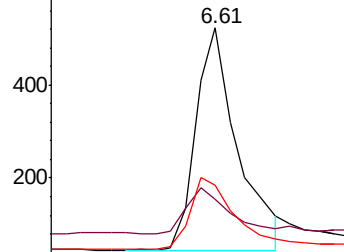
71 35.3 28.4 42.6



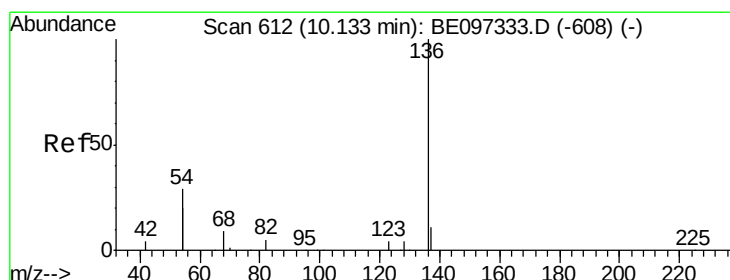
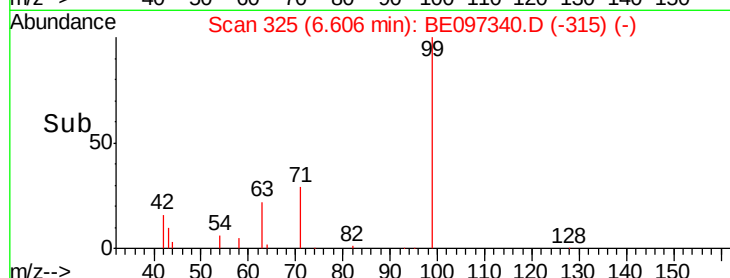
Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.15 min Scan# 613

Delta R.T. 0.01 min

Lab File: BE097340.D

Acq: 20 Aug 2018 20:04

Tgt Ion: 136 Resp: 3910

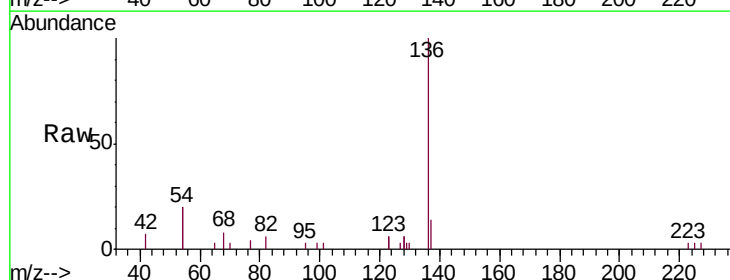
Ion Ratio Lower Upper

136 100

137 13.5 9.5 14.3

54 40.4 29.1 43.7

68 8.3 6.2 9.2

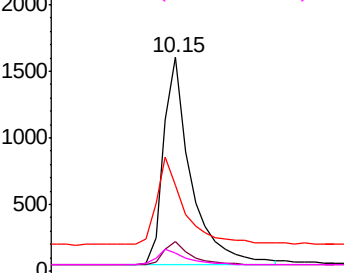


Abundance Ion 136.00 (135.70 to 136.70): E

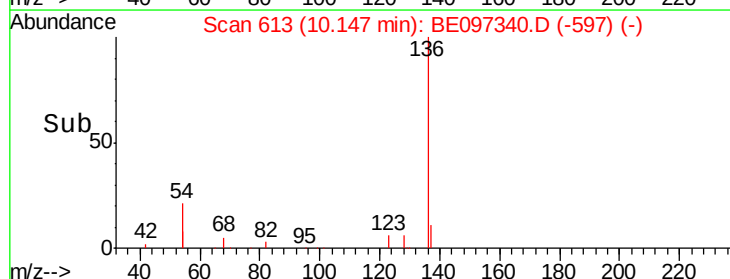
Ion 137.00 (136.70 to 137.70): E

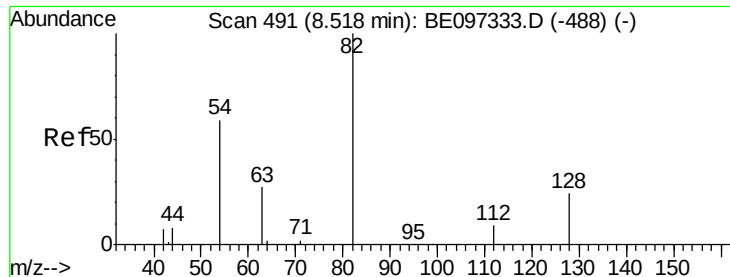
Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



Time-->





#8

Nitrobenzene-d5

Concen: 0.489 ng

RT: 8.53 min Scan# 492

Delta R.T. 0.01 min

Lab File: BE097340.D

Acq: 20 Aug 2018 20:04

Instrument :

BNA_E

ClientSampleId :

PB112113BL

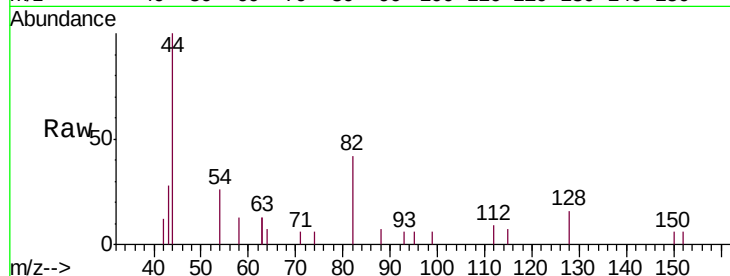
Tgt Ion: 82 Resp: 818

Ion Ratio Lower Upper

82 100

128 38.2 24.0 36.0#

54 61.8 40.0 60.0#



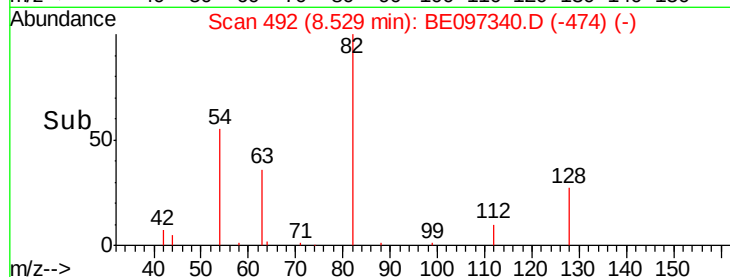
Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): BE0

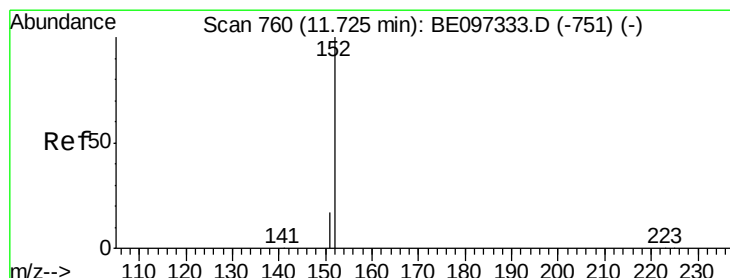
Ion 54.00 (53.70 to 54.70): BE0

8.53

Time-->



Time-->



#11

2-Methylnaphthalene-d10

Concen: 0.455 ng

RT: 11.75 min Scan# 766

Delta R.T. 0.03 min

Lab File: BE097340.D

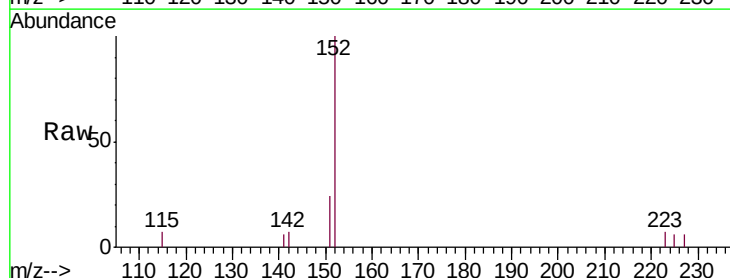
Acq: 20 Aug 2018 20:04

Tgt Ion: 152 Resp: 2404

Ion Ratio Lower Upper

152 100

151 19.3 15.4 23.0

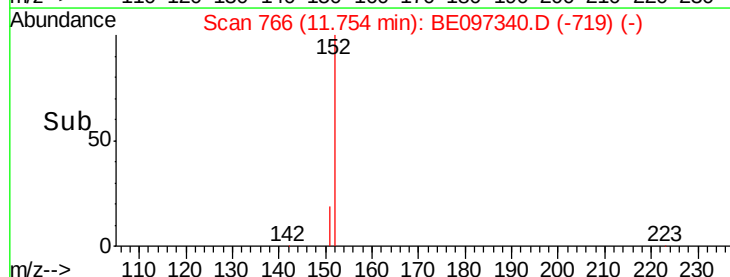


Abundance Ion 152.00 (151.70 to 152.70): E

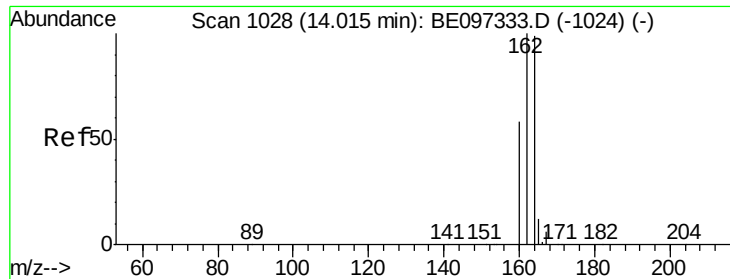
Ion 151.00 (150.70 to 151.70): E

11.75

Time-->



Time-->



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.03 min Scan# 1028

Delta R.T. 0.01 min

Lab File: BE097340.D

Acq: 20 Aug 2018 20:04

Instrument :

BNA_E

ClientSampleId :

PB112113BL

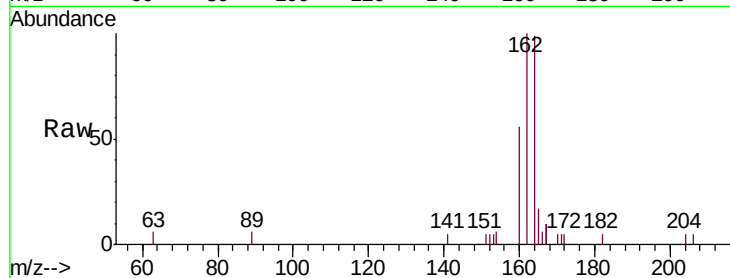
Tgt Ion:164 Resp: 1954

Ion Ratio Lower Upper

164 100

162 100.6 83.1 124.7

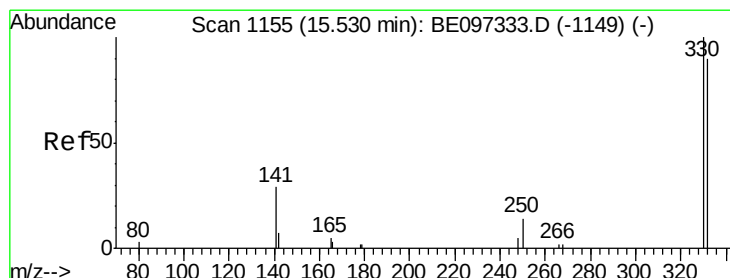
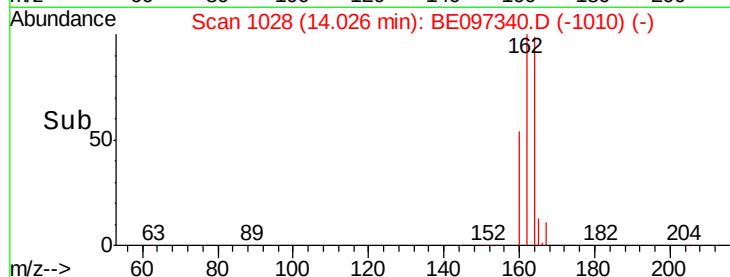
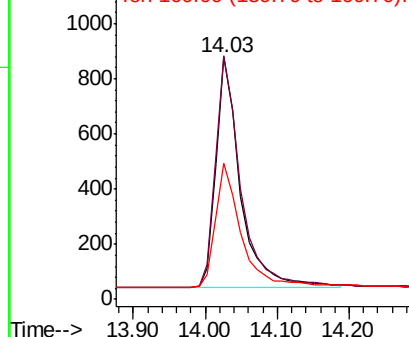
160 56.4 37.1 55.7#



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: 0.299 ng

RT: 15.55 min Scan# 1156

Delta R.T. 0.02 min

Lab File: BE097340.D

Acq: 20 Aug 2018 20:04

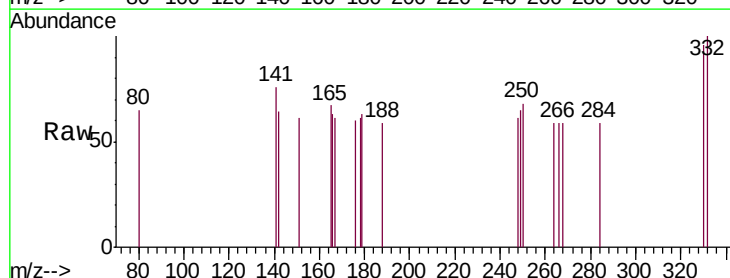
Tgt Ion:330 Resp: 89

Ion Ratio Lower Upper

330 100

332 101.1 152.7 229.1#

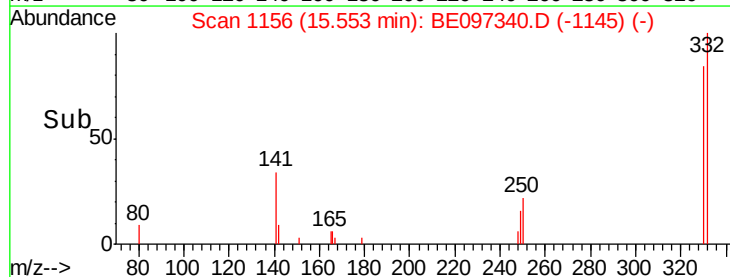
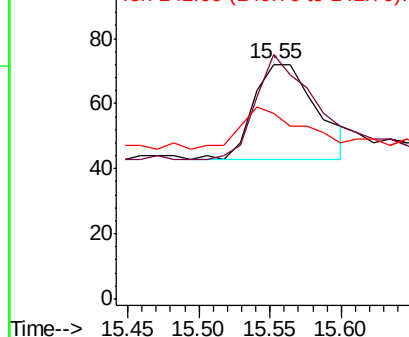
141 42.7 33.7 50.5

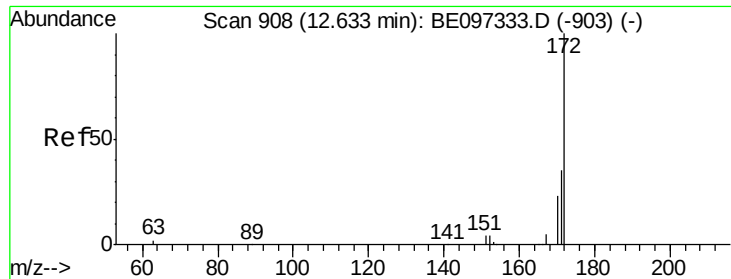


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

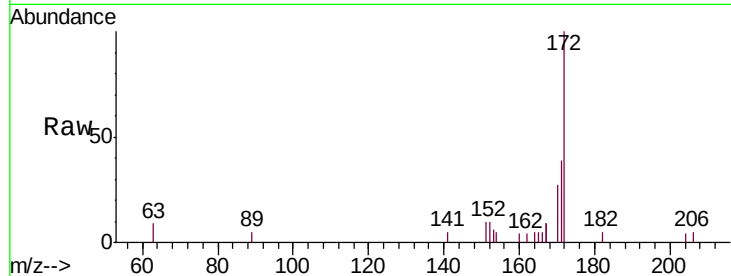




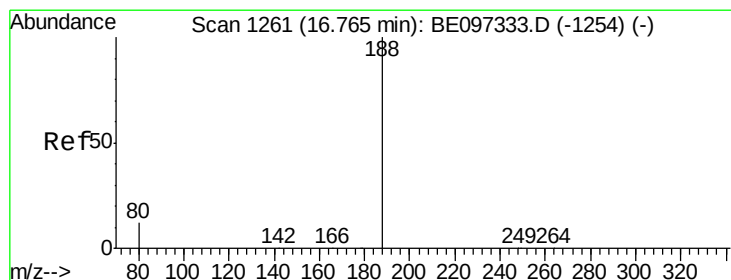
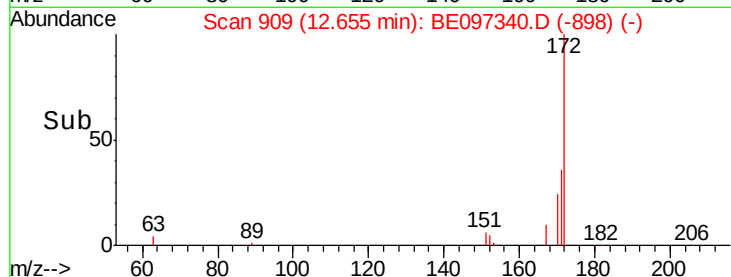
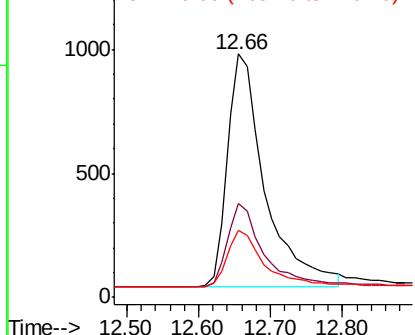
#15
2-Fluorobiphenyl
Concen: 0.426 ng
RT: 12.66 min Scan# 909
Delta R.T. 0.02 min
Lab File: BE097340.D
Acq: 20 Aug 2018 20:04

Instrument :
BNA_E
ClientSampleId :
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Tgt Ion:172 Resp: 3415
Ion Ratio Lower Upper
172 100
171 38.6 29.9 44.9
170 27.5 21.8 32.8

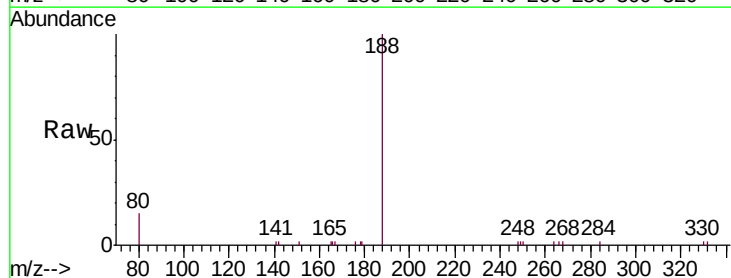


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

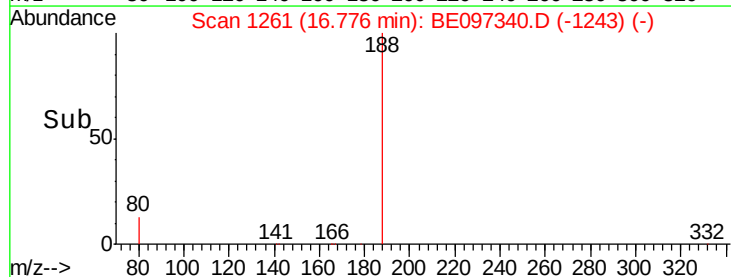
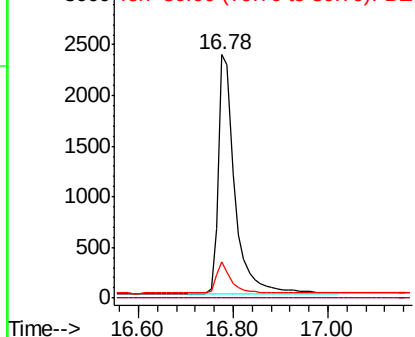


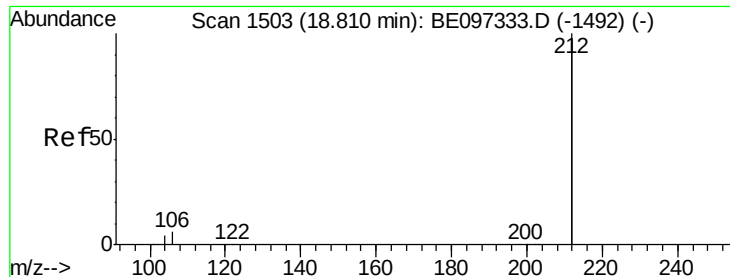
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.78 min Scan# 1261
Delta R.T. 0.01 min
Lab File: BE097340.D
Acq: 20 Aug 2018 20:04

Tgt Ion:188 Resp: 5783
Ion Ratio Lower Upper
188 100
94 0.0 3.9 5.9#
80 14.9 3.6 5.4#



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BE0
Ion 80.00 (79.70 to 80.70): BE0





#25

Fluoranthene-d10

Concen: 0.508 ng

RT: 18.82 min Scan# 1504

Delta R.T. 0.01 min

Lab File: BE097340.D

Acq: 20 Aug 2018 20:04

Instrument :

BNA_E

ClientSampleId :

PB112113BL

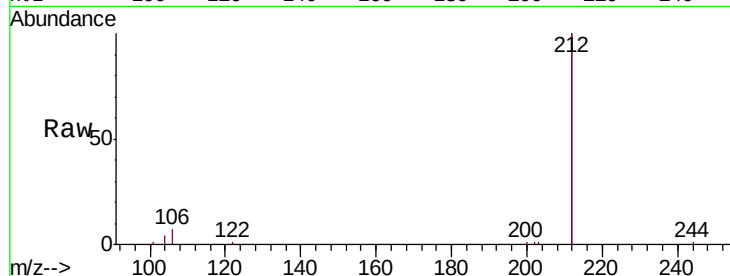
Tgt Ion:212 Resp: 26202

Ion Ratio Lower Upper

212 100

106 3.1 2.8 4.2

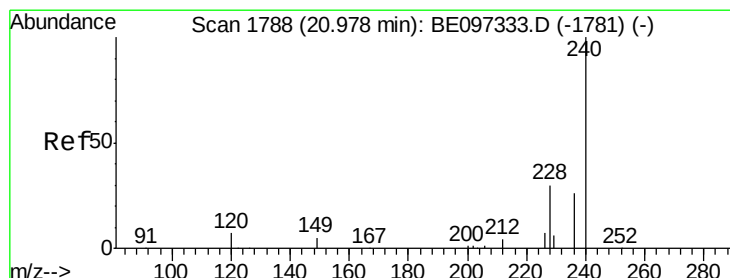
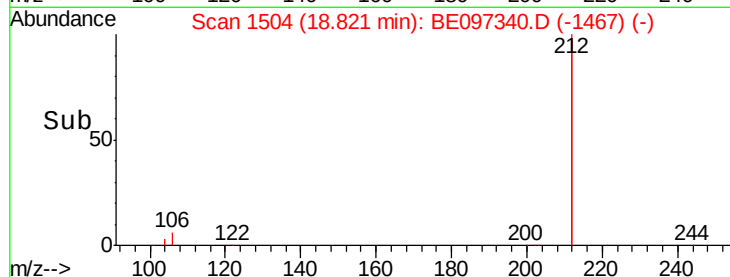
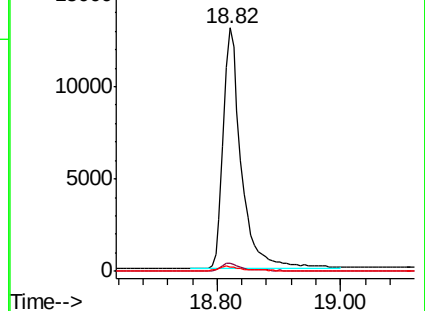
104 1.8 1.6 2.4



Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



#27

Chrysene-d12

Concen: 0.400 ng

RT: 20.98 min Scan# 1787

Delta R.T. 0.00 min

Lab File: BE097340.D

Acq: 20 Aug 2018 20:04

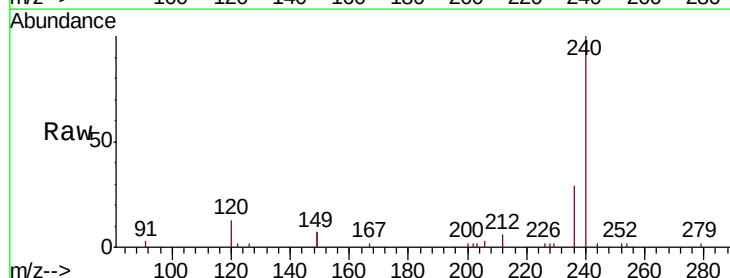
Tgt Ion:240 Resp: 4638

Ion Ratio Lower Upper

240 100

120 13.2 5.5 8.3#

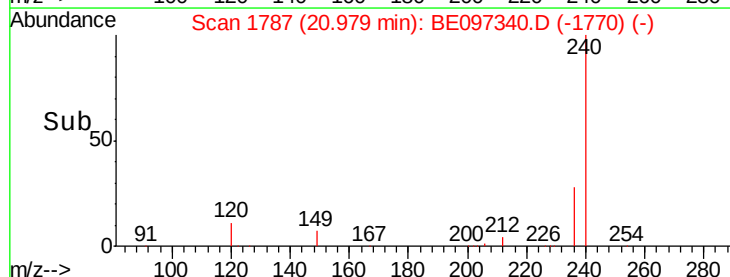
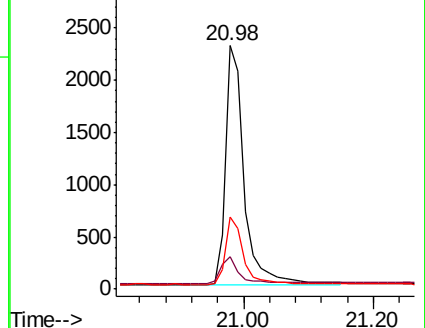
236 29.4 20.7 31.1

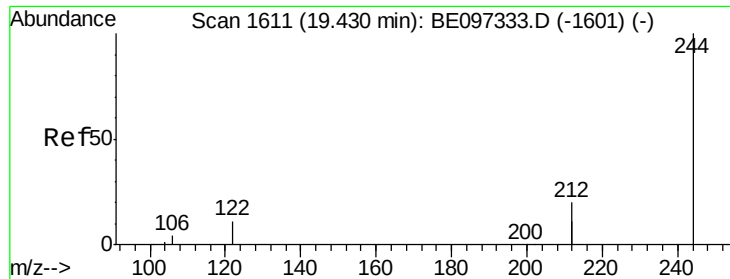


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.444 ng

RT: 19.44 min Scan# 1611

Delta R.T. 0.00 min

Lab File: BE097340.D

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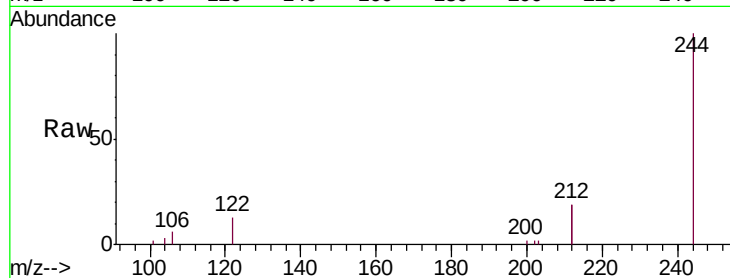
Tgt Ion:244 Resp: 4123

Ion Ratio Lower Upper

244 100

212 37.5 25.4 38.0

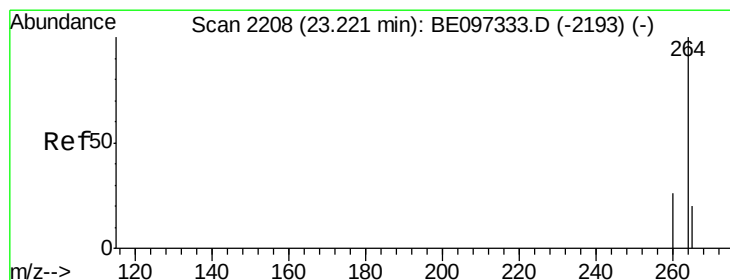
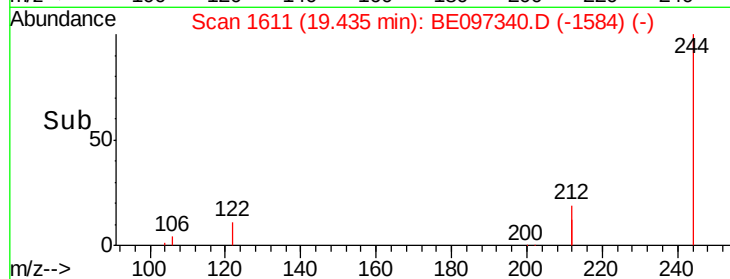
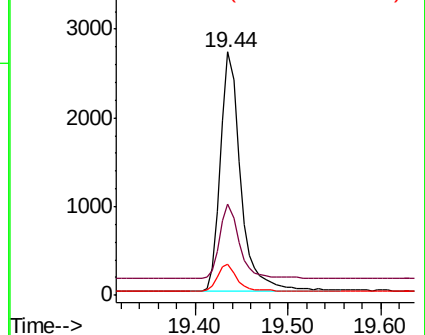
122 12.6 8.1 12.1#



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



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.23 min Scan# 2208

Delta R.T. 0.00 min

Lab File: BE097340.D

Acq: 20 Aug 2018 20:04

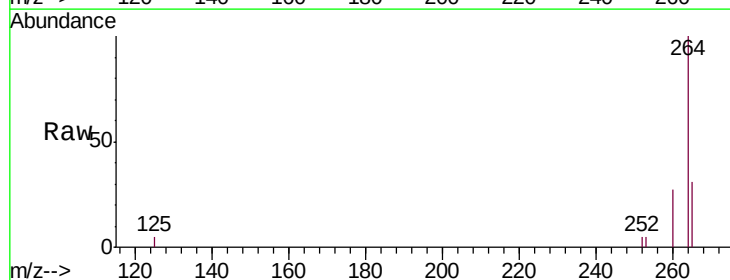
Tgt Ion:264 Resp: 3715

Ion Ratio Lower Upper

264 100

260 27.4 20.5 30.7

265 30.7 22.8 34.2



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

