

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121518\
 Data File : BE098472.D
 Acq On : 15 Dec 2018 14:59
 Operator : SJ/JU
 Sample : PB115689BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB115689BL

Quant Time: Dec 16 02:48:53 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE121018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 10 14:59:55 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	647	0.40	ng	0.00
7) Naphthalene-d8	10.67	136	2589	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	1672	0.40	ng	0.00
19) Phenanthrene-d10	17.28	188	4593	0.40	ng	0.00
27) Chrysene-d12	21.46	240	5562	0.40	ng	0.00
34) Perylene-d12	24.01	264	5123	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.46	112	850	0.56	ng	0.01
5) Phenol-d6	7.06	99	971	0.45	ng	0.01
8) Nitrobenzene-d5	9.05	82	703	0.30	ng	0.04
11) 2-Methylnaphthalene-d10	12.28	152	1455	0.35	ng	0.01
14) 2,4,6-Tribromophenol	16.03	330	283	0.46	ng	0.01
15) 2-Fluorobiphenyl	13.16	172	2211	0.31	ng	0.01
25) Fluoranthene-d10	19.30	212	24452	0.41	ng	0.00
29) Terphenyl-d14	19.90	244	3813	0.28	ng	0.00

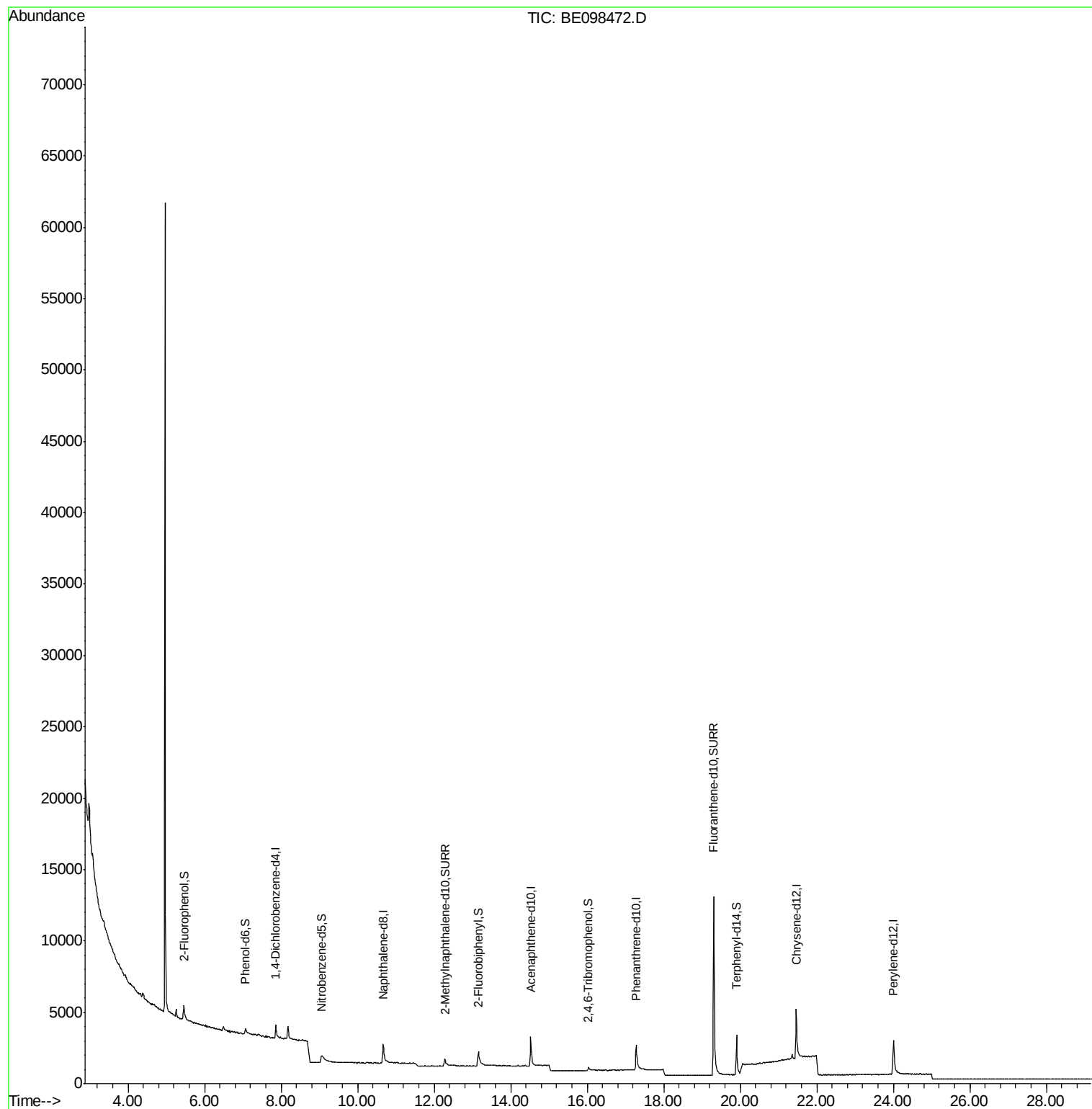
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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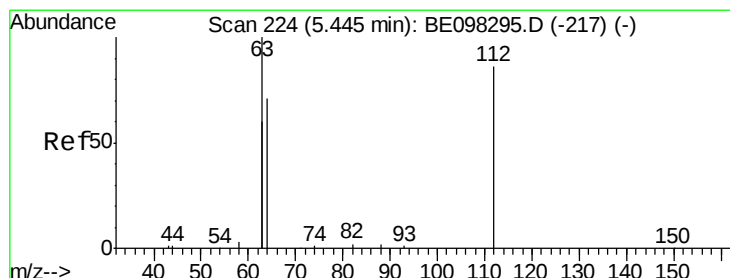
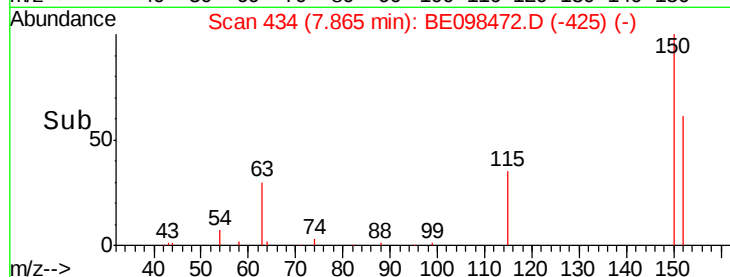
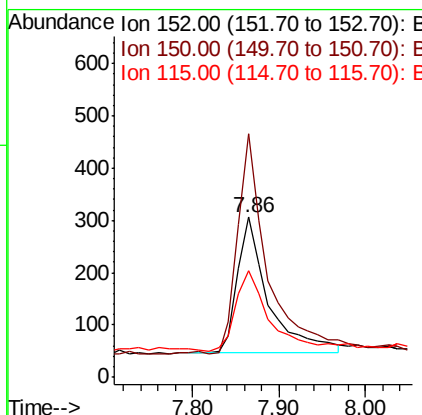
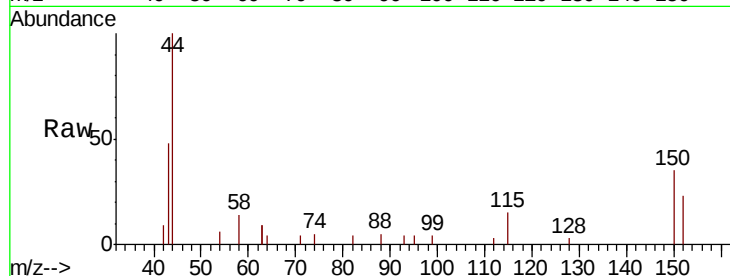




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.86 min Scan# 434
 Delta R.T. 0.00 min
 Lab File: BE098472.D
 Acq: 15 Dec 2018 14:59

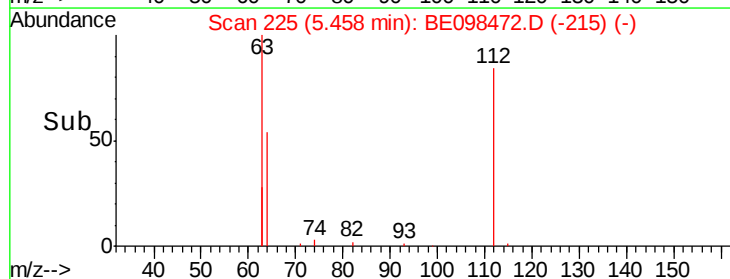
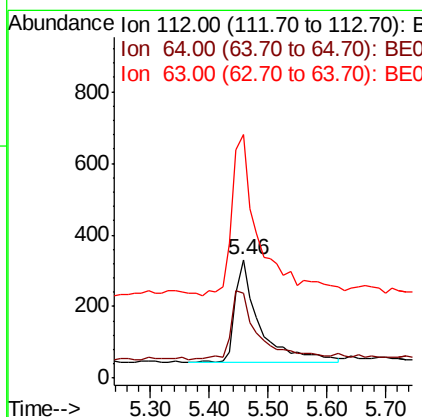
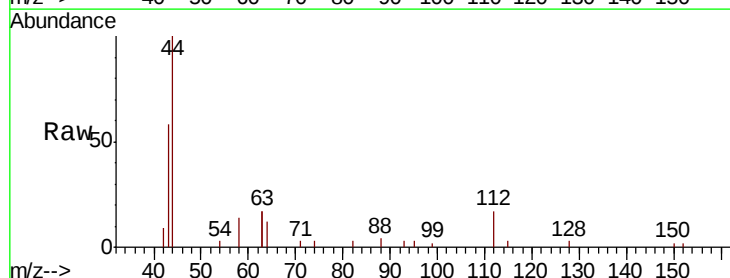
Instrument :
 BNA_E
 ClientSampleId :
 PB115689BL

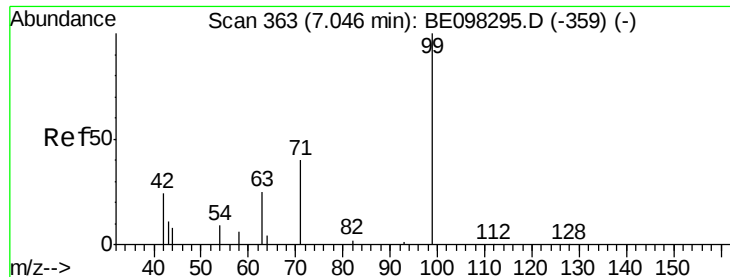
Tot Ion:152 Resp: 647
 Ion Ratio Lower Upper
 152 100
 150 152.3 124.2 186.4
 115 66.7 53.9 80.9



#4
 2-Fluorophenol
 Concen: 0.561 ng
 RT: 5.46 min Scan# 225
 Delta R.T. 0.01 min
 Lab File: BE098472.D
 Acq: 15 Dec 2018 14:59

Tgt Ion:112 Resp: 850
 Ion Ratio Lower Upper
 112 100
 64 70.9 59.8 89.8
 63 160.5 133.7 200.5





#5

Phenol-d6

Concen: 0.453 ng

RT: 7.06 min Scan# 364

Delta R.T. 0.01 min

Lab File: BE098472.D

Acq: 15 Dec 2018 14:59

Instrument :

BNA_E

ClientSampleId :

PB115689BL

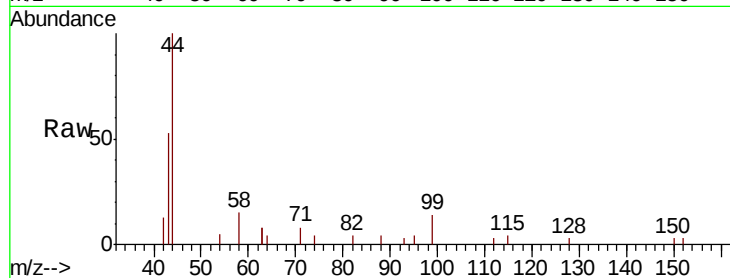
Tot Ion: 99 Resp: 971

Ion Ratio Lower Upper

99 100

42 25.7 26.3 39.5#

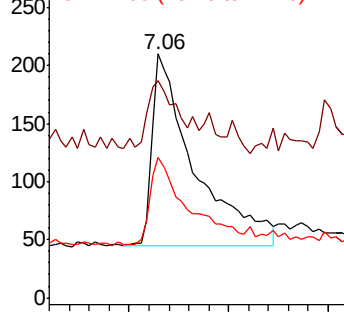
71 40.7 33.6 50.4



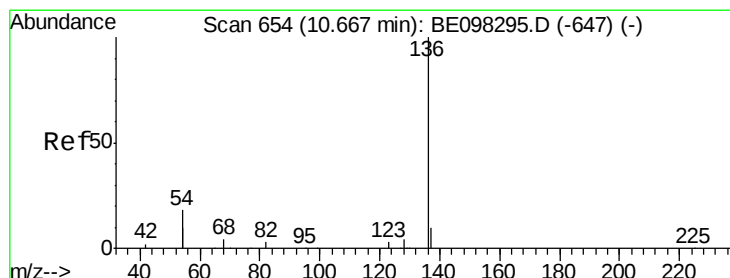
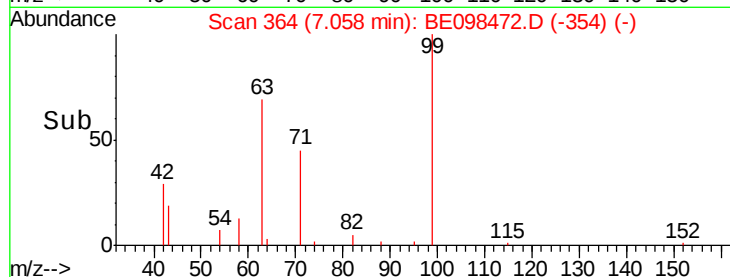
Abundance Ion 99.00 (98.70 to 99.70): BE0

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: 10.67 min Scan# 654

Delta R.T. -0.00 min

Lab File: BE098472.D

Acq: 15 Dec 2018 14:59

Tgt Ion:136 Resp: 2589

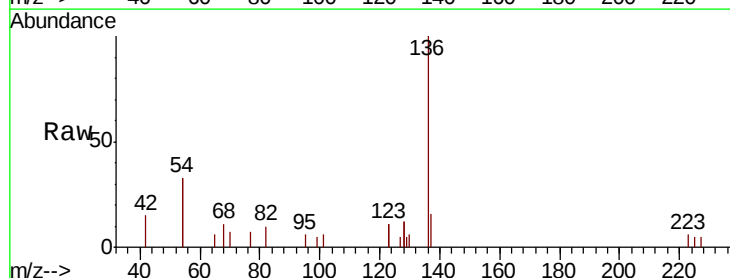
Ion Ratio Lower Upper

136 100

137 16.3 9.2 13.8#

54 65.5 28.4 42.6#

68 11.1 5.4 8.0#

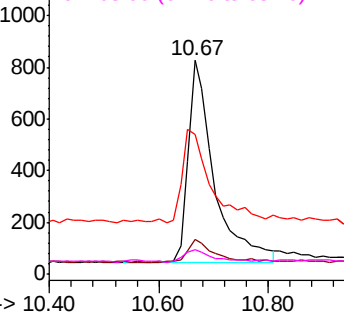


Abundance Ion 136.00 (135.70 to 136.70): E

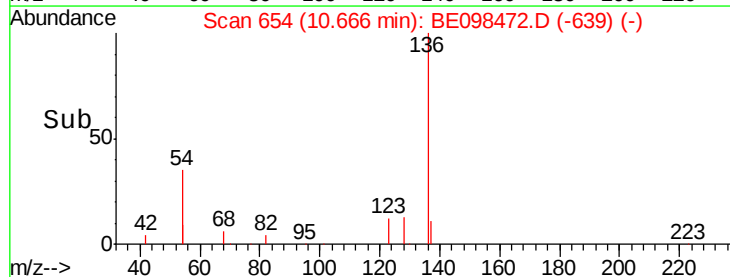
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



Time-->





#8

Nitrobenzene-d5

Concen: 0.298 ng

RT: 9.05 min Scan# 530

Delta R.T. 0.04 min

Lab File: BE098472.D

Acq: 15 Dec 2018 14:59

Instrument :

BNA_E

ClientSampleId :

PB115689BL

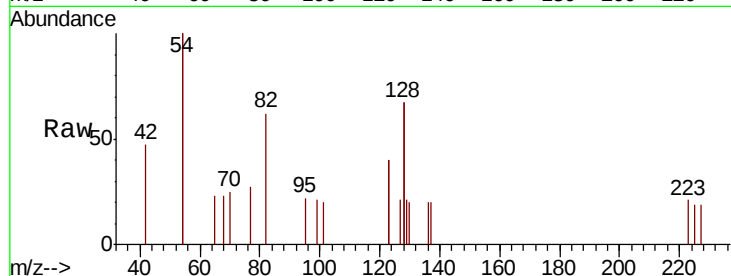
Tot Ion: 82 Resp: 703

Ion Ratio Lower Upper

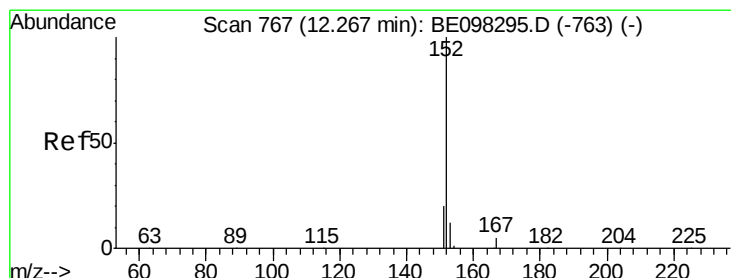
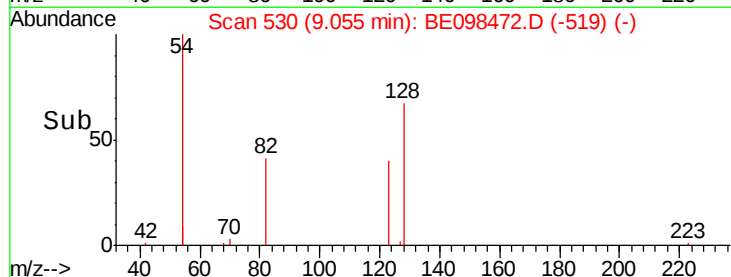
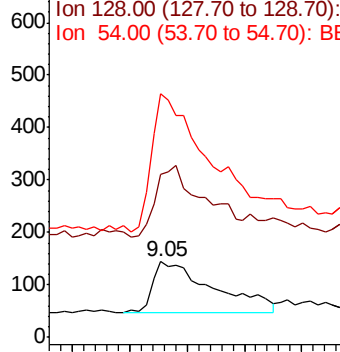
82 100

128 215.3 102.4 153.6#

54 322.2 221.8 332.8



Abundance Ion 82.00 (81.70 to 82.70): BE0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BE0



#11

2-Methylnaphthalene-d10

Concen: 0.346 ng

RT: 12.28 min Scan# 768

Delta R.T. 0.01 min

Lab File: BE098472.D

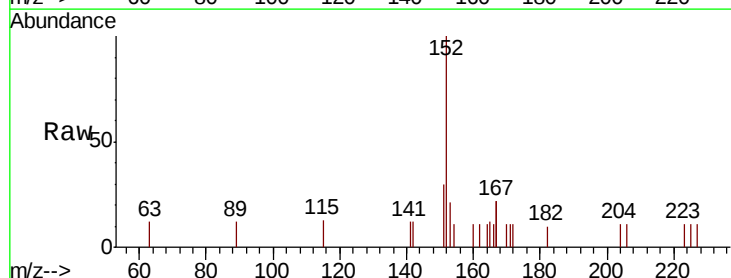
Acq: 15 Dec 2018 14:59

Tgt Ion:152 Resp: 1455

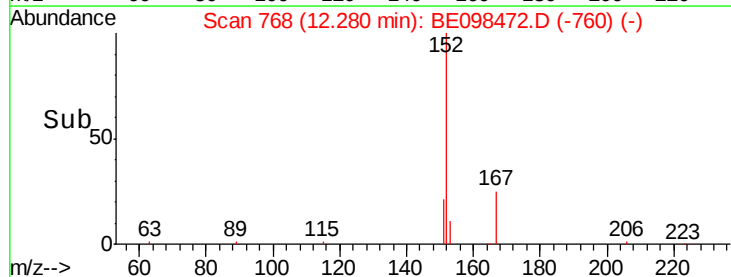
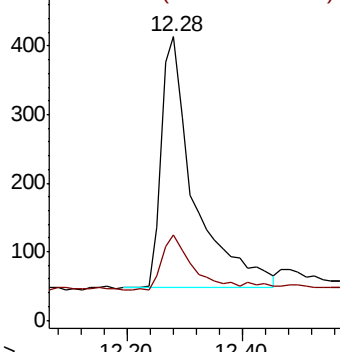
Ion Ratio Lower Upper

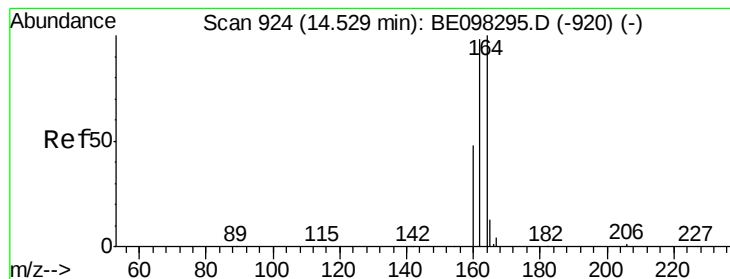
152 100

151 19.8 16.2 24.4



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.53 min Scan# 924

Delta R.T. -0.00 min

Lab File: BE098472.D

Acq: 15 Dec 2018 14:59

Instrument :

BNA_E

ClientSampleId :

PB115689BL

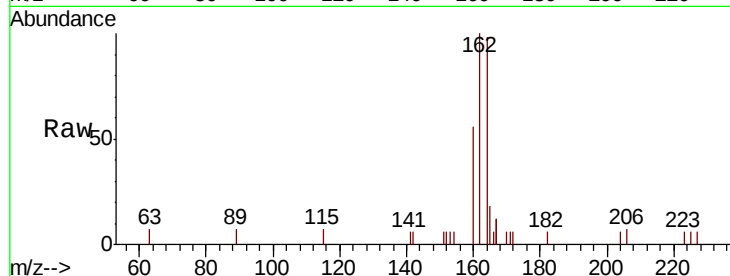
Tot Ion:164 Resp: 1672

Ion Ratio Lower Upper

164 100

162 101.7 77.6 116.4

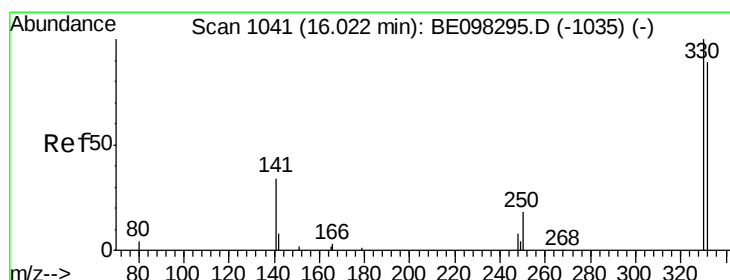
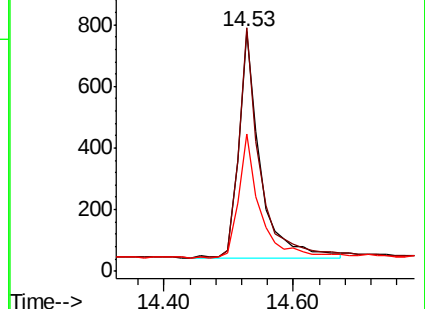
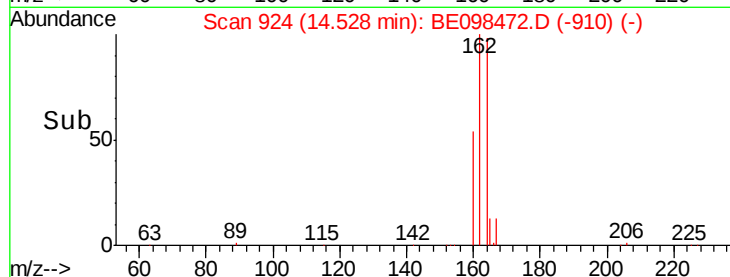
160 57.3 36.0 54.0#



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: 0.461 ng

RT: 16.03 min Scan# 1042

Delta R.T. 0.01 min

Lab File: BE098472.D

Acq: 15 Dec 2018 14:59

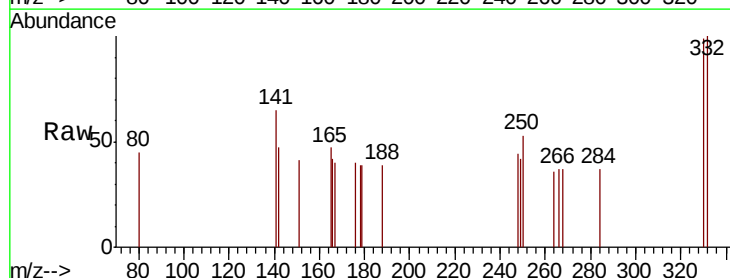
Tgt Ion:330 Resp: 283

Ion Ratio Lower Upper

330 100

332 96.8 76.2 114.4

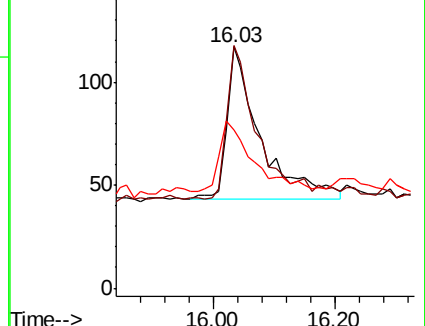
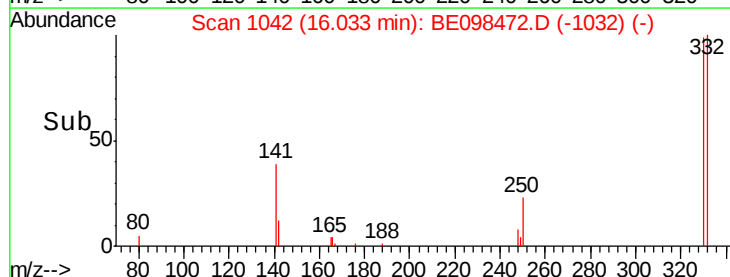
141 46.3 39.0 58.4

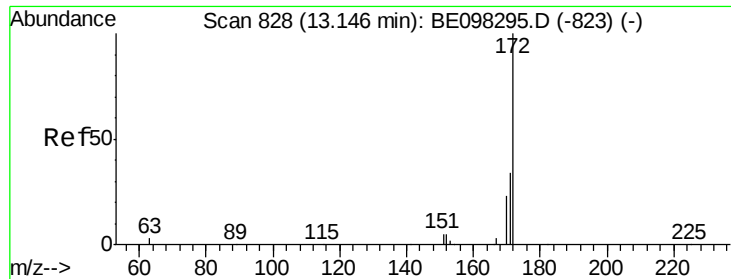


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

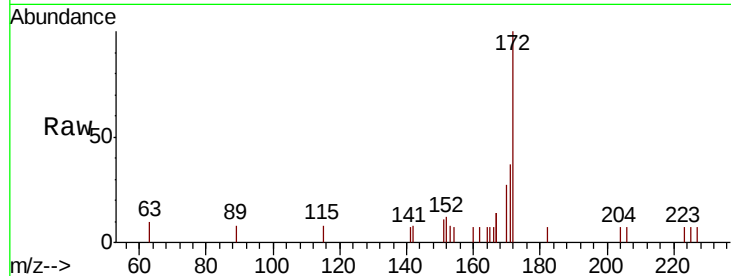




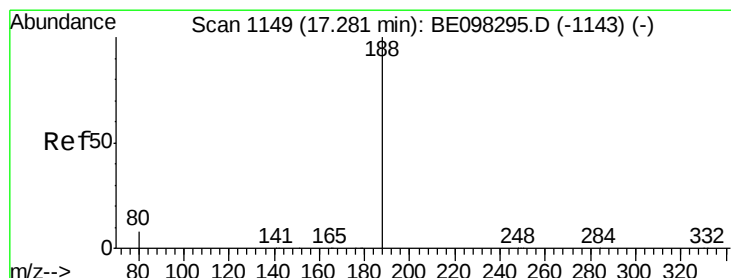
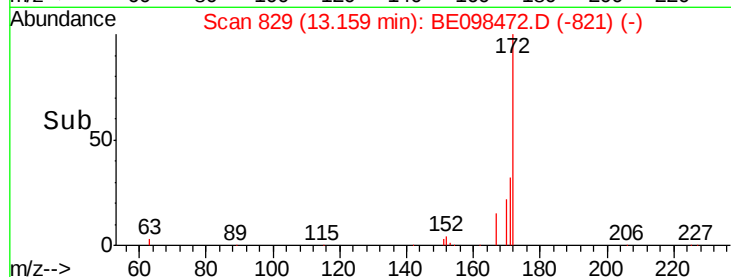
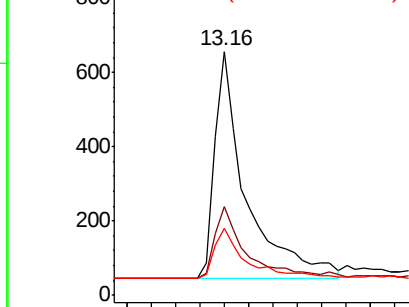
#15
2-Fluorobiphenyl
Concen: 0.314 ng
RT: 13.16 min Scan# 829
Delta R.T. 0.01 min
Lab File: BE098472.D
Acq: 15 Dec 2018 14:59

Instrument :
BNA_E
ClientSampleId :
PB115689BL

Tot Ion:172 Resp: 2211
Ion Ratio Lower Upper
172 100
171 36.6 27.5 41.3
170 27.4 19.6 29.4

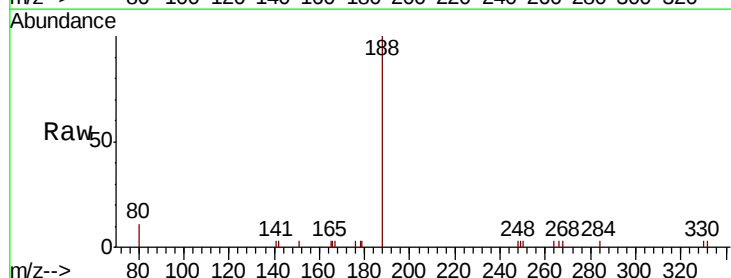


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

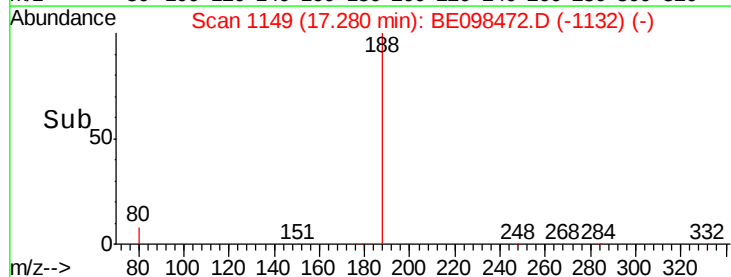
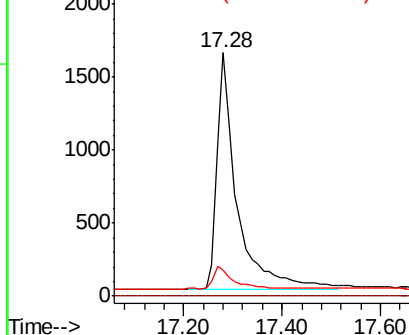


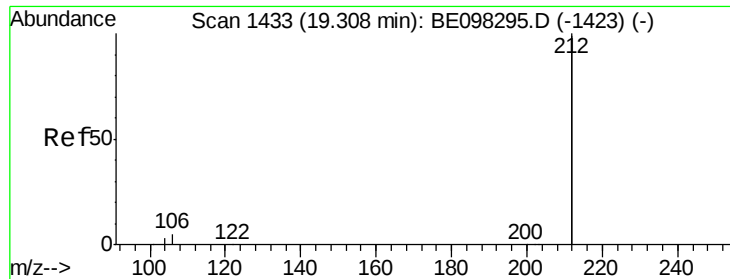
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.28 min Scan# 1149
Delta R.T. -0.00 min
Lab File: BE098472.D
Acq: 15 Dec 2018 14:59

Tgt Ion:188 Resp: 4593
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.7 7.2 10.8



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: 0.415 ng

RT: 19.30 min Scan# 1432

Delta R.T. -0.00 min

Lab File: BE098472.D

Acq: 15 Dec 2018 14:59

Instrument :

BNA_E

ClientSampleId :

PB115689BL

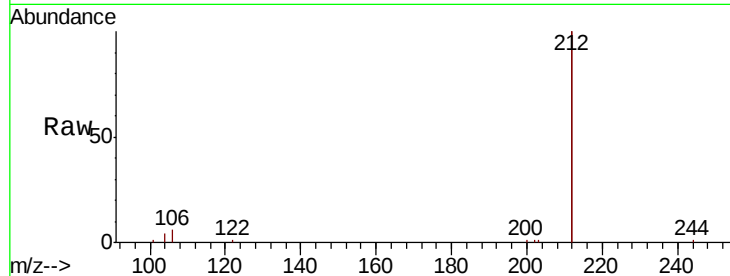
Tot Ion:212 Resp: 24452

Ion Ratio Lower Upper

212 100

106 2.4 2.2 3.2

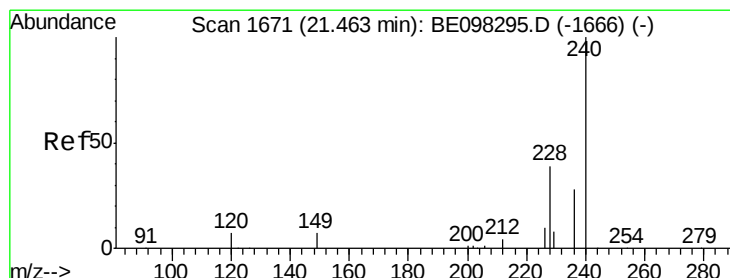
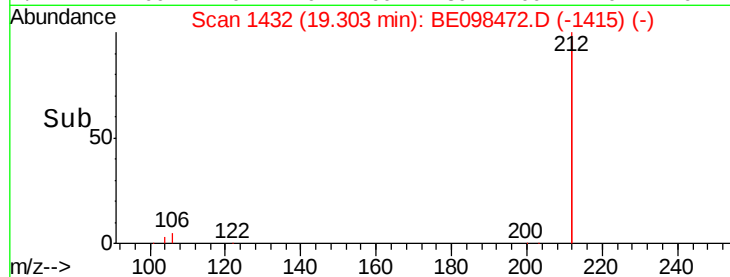
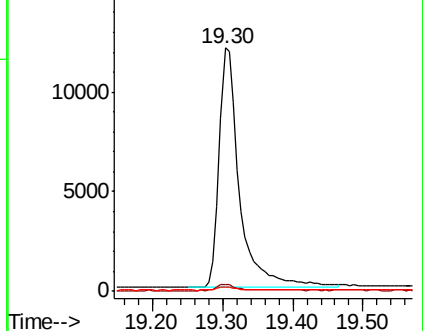
104 1.5 1.3 1.9



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: 21.46 min Scan# 1671

Delta R.T. -0.00 min

Lab File: BE098472.D

Acq: 15 Dec 2018 14:59

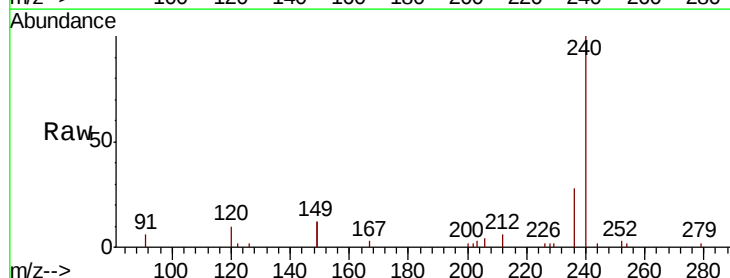
Tgt Ion:240 Resp: 5562

Ion Ratio Lower Upper

240 100

120 9.8 9.5 14.3

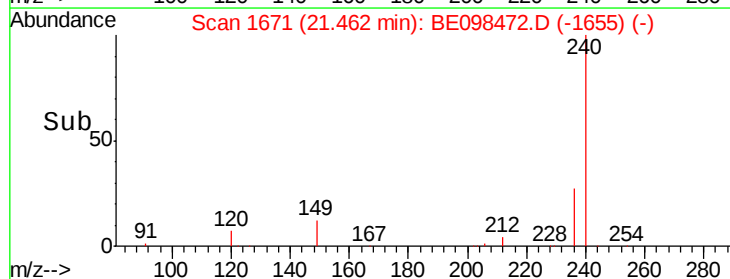
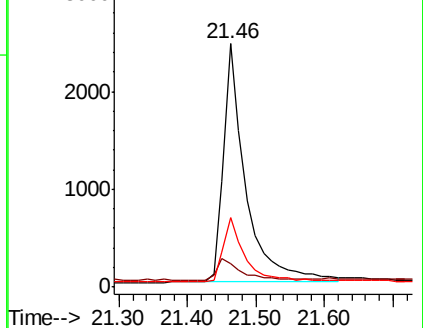
236 28.3 22.7 34.1

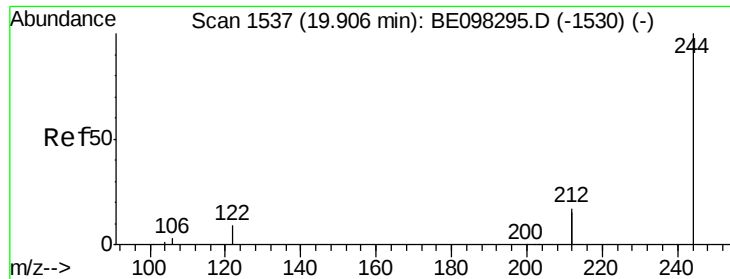


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.282 ng

RT: 19.90 min Scan# 1536

Delta R.T. -0.00 min

Lab File: BE098472.D

Acq: 15 Dec 2018 14:59

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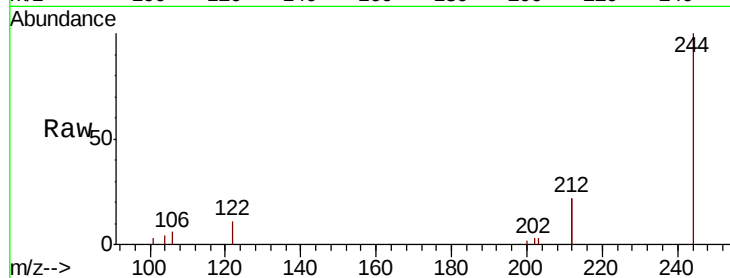
Tot Ion:244 Resp: 3813

Ion Ratio Lower Upper

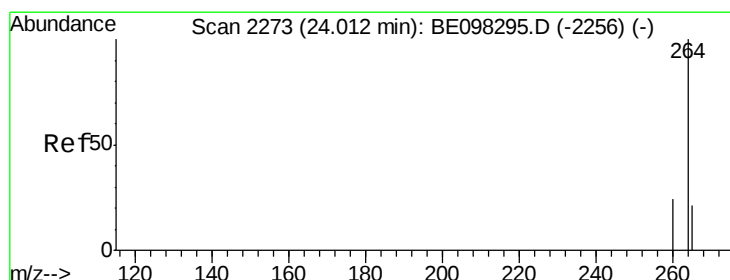
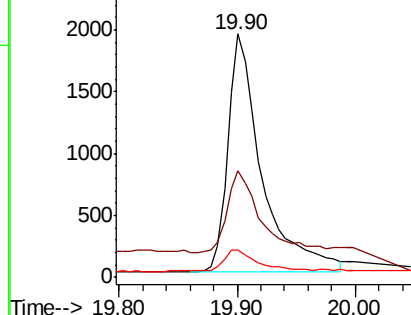
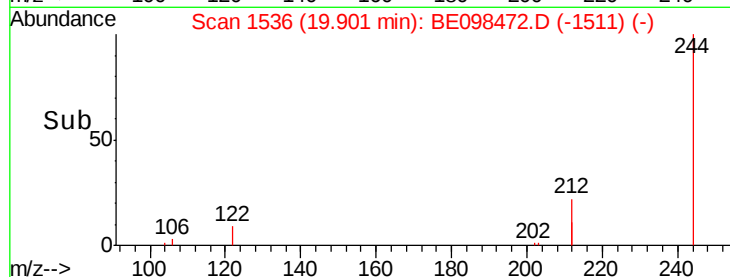
244 100

212 43.8 27.4 41.0#

122 11.2 8.3 12.5



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: 24.01 min Scan# 2272

Delta R.T. -0.00 min

Lab File: BE098472.D

Acq: 15 Dec 2018 14:59

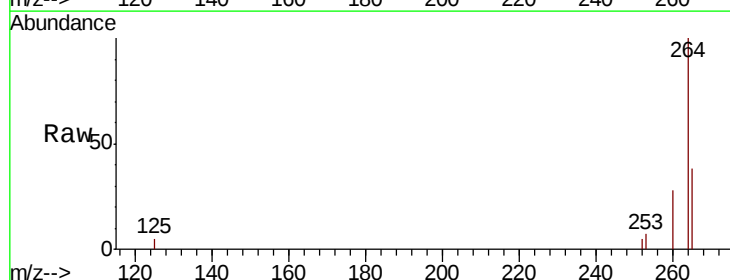
Tgt Ion:264 Resp: 5123

Ion Ratio Lower Upper

264 100

260 28.2 20.2 30.2

265 38.1 25.2 37.8#



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

