

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE061919\
 Data File : BE100087.D
 Acq On : 19 Jun 2019 18:02
 Operator : JU/SJ
 Sample : PB120491BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB120491BL

Quant Time: Jun 20 03:54:18 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE061919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 19 15:07:24 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	493	0.40	ng	0.01
7) Naphthalene-d8	10.58	136	1697	0.40	ng	0.04
13) Acenaphthene-d10	14.43	164	1283	0.40	ng	0.01
19) Phenanthrene-d10	17.19	188	3650	0.40	ng	0.03
27) Chrysene-d12	21.35	240	5297	0.40	ng	0.01
34) Perylene-d12	23.85	264	6906	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.32	112	325	0.32	ng	0.01
5) Phenol-d6	7.02	99	429	0.31	ng	0.09
8) Nitrobenzene-d5	9.00	82	378	0.23	ng	0.09
11) 2-Methylnaphthalene-d10	12.21	152	861	0.27	ng	0.06
14) 2,4,6-Tribromophenol	15.97	330	63	0.09	ng	0.05
15) 2-Fluorobiphenyl	13.07	172	1631	0.32	ng	0.03
25) Fluoranthene-d10	19.21	212	14277	0.27	ng	0.02
29) Terphenyl-d14	19.81	244	3551	0.34	ng	0.00

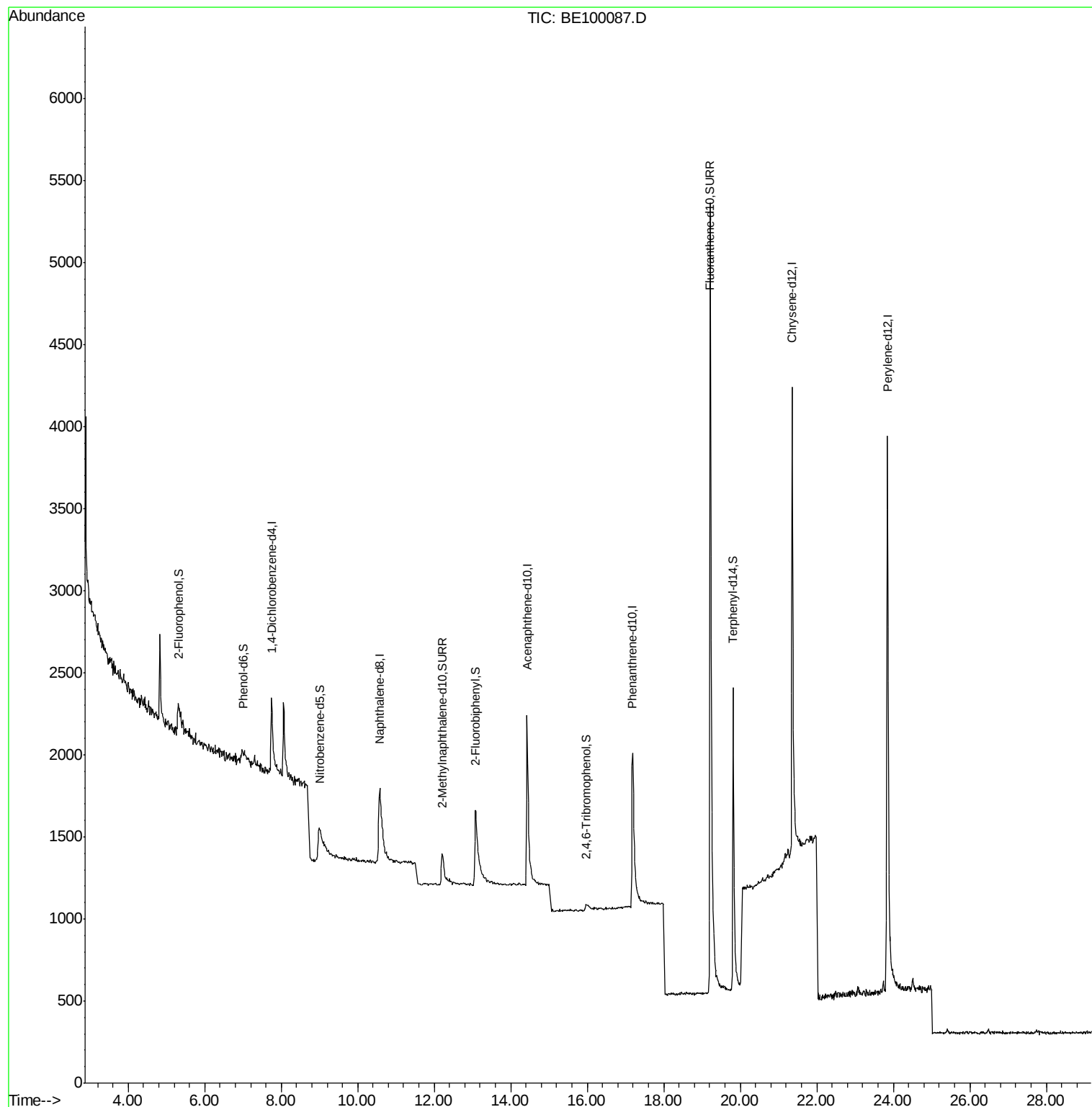
Target Compounds	Qvalue
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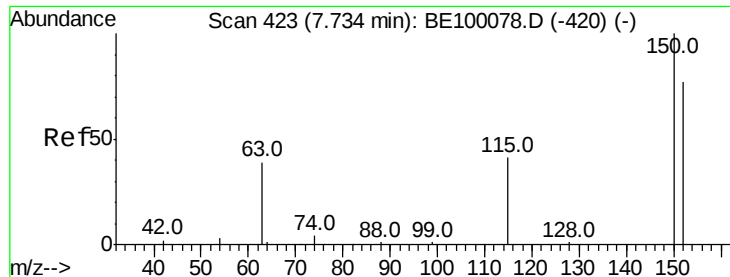
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.75 min Scan# 424

Delta R.T. 0.01 min

Lab File: BE100087.D

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Instrument :

BNA_E

ClientSampleId :

PB120491BL

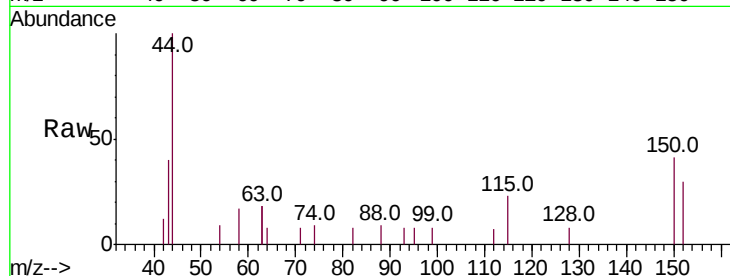
Tot Ion:152 Resp: 493

Ion Ratio Lower Upper

152 100

150 135.5 99.8 149.8

115 76.5 51.3 76.9



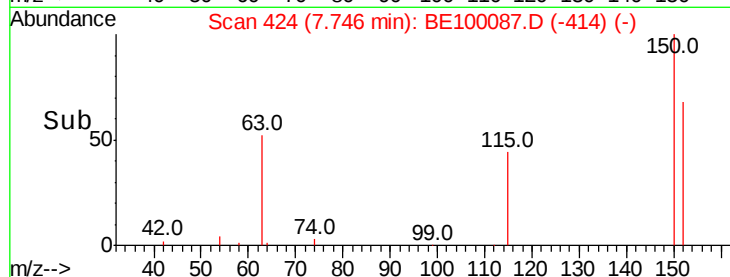
Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

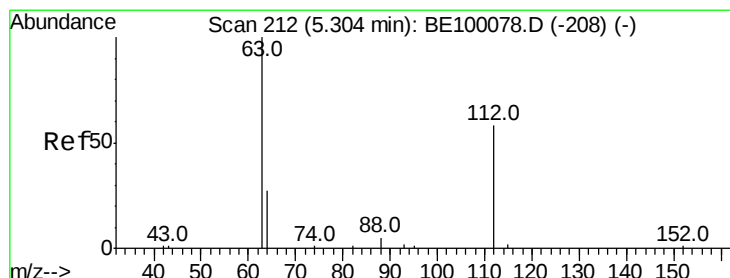
Ion 115.00 (114.70 to 115.70): E

7.75

Time-->



Time-->



#4

2-Fluorophenol

Concen: 0.318 ng

RT: 5.32 min Scan# 213

Delta R.T. 0.01 min

Lab File: BE100087.D

Acq: 19 Jun 2019 18:02

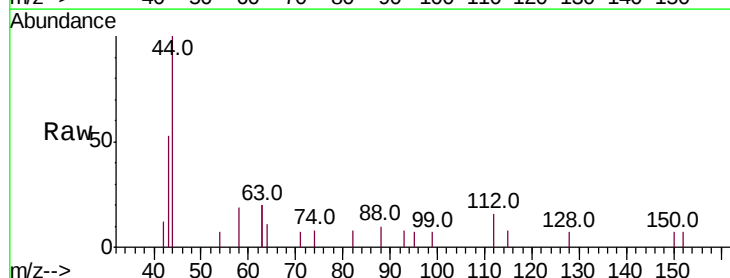
Tgt Ion:112 Resp: 325

Ion Ratio Lower Upper

112 100

64 32.6 22.0 33.0

63 151.7 121.8 182.6



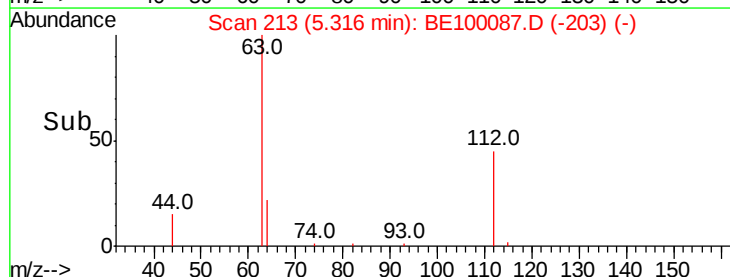
Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE1

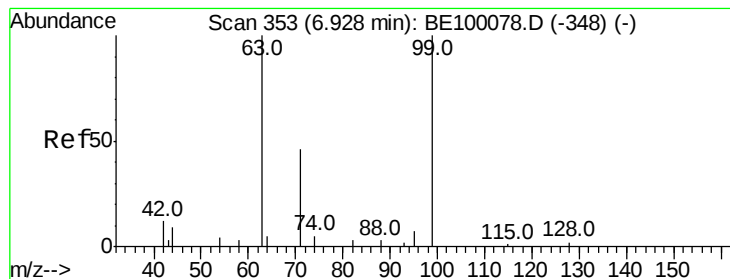
Ion 63.00 (62.70 to 63.70): BE1

5.32

Time-->



Time-->



#5

Phenol-d6

Concen: 0.305 ng

RT: 7.02 min Scan# 361

Delta R.T. 0.09 min

Lab File: BE100087.D

Acq: 19 Jun 2019 18:02

Instrument :

BNA_E

ClientSampleId :

PB120491BL

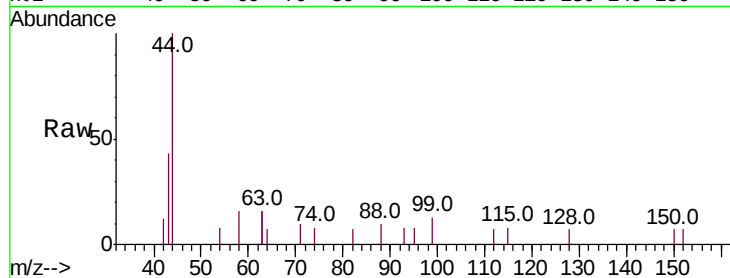
Tot Ion: 99 Resp: 429

Ion Ratio Lower Upper

99 100

42 1.9 0.0 0.0#

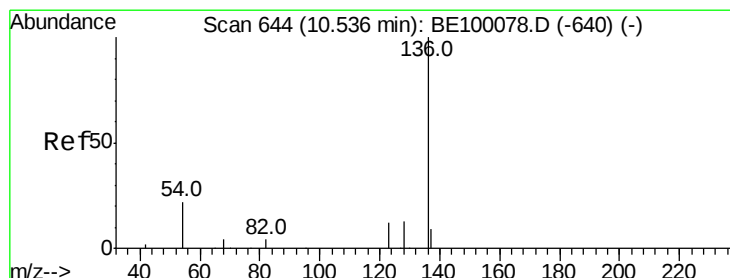
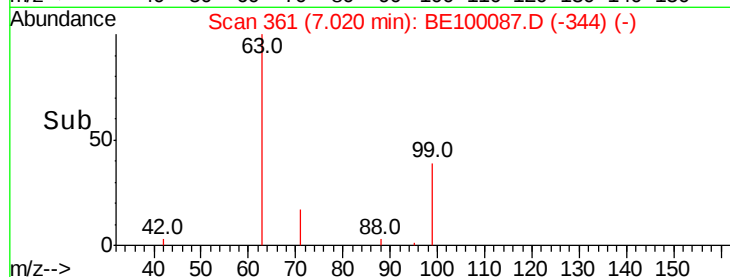
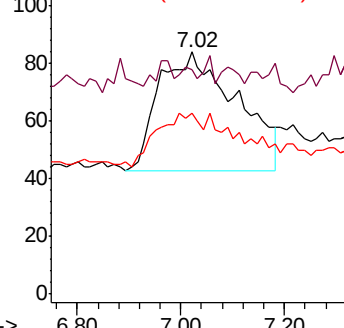
71 0.0 37.6 56.4#



Abundance Ion 99.00 (98.70 to 99.70): BE1

Ion 42.00 (41.70 to 42.70): BE1

Ion 71.00 (70.70 to 71.70): BE1



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.58 min Scan# 647

Delta R.T. 0.04 min

Lab File: BE100087.D

Acq: 19 Jun 2019 18:02

Tgt Ion: 136 Resp: 1697

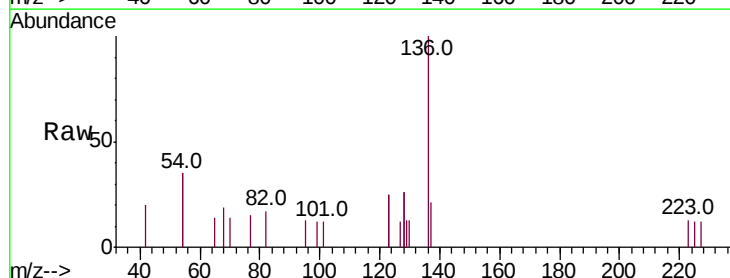
Ion Ratio Lower Upper

136 100

137 21.2 11.6 17.4#

54 70.8 33.9 50.9#

68 18.7 7.8 11.8#

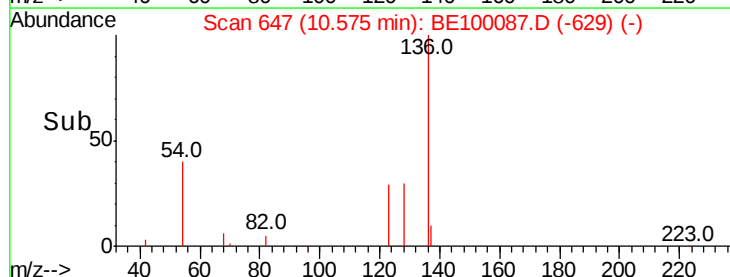
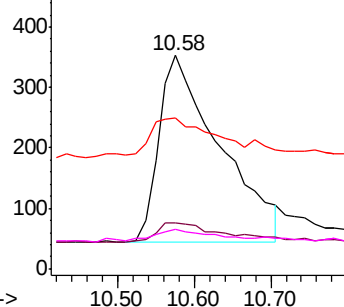


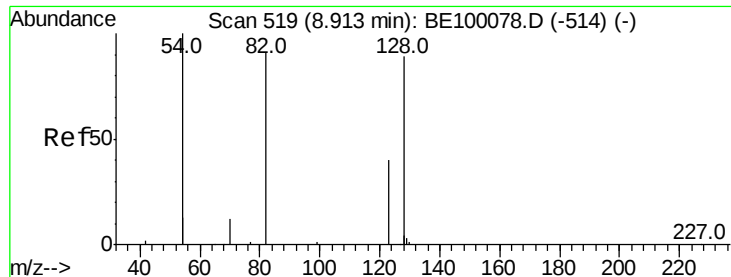
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE1

Ion 68.00 (67.70 to 68.70): BE1





#8

Nitrobenzene-d5

Concen: 0.230 ng

RT: 9.00 min Scan# 526

Delta R.T. 0.09 min

Lab File: BE100087.D

Acq: 19 Jun 2019 18:02

Instrument :

BNA_E

ClientSampleId :

PB120491BL

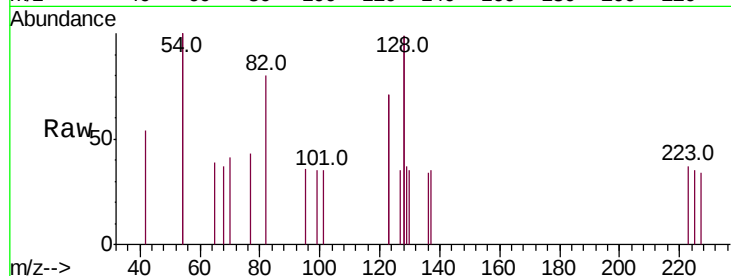
Tot Ion: 82 Resp: 378

Ion Ratio Lower Upper

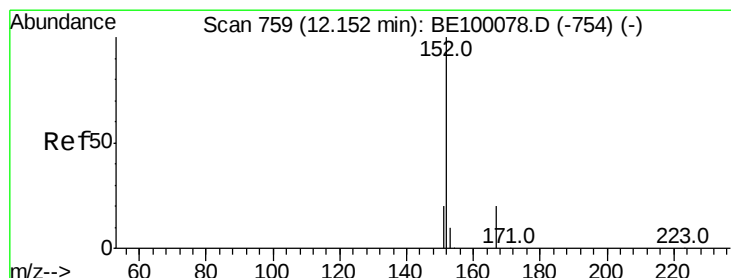
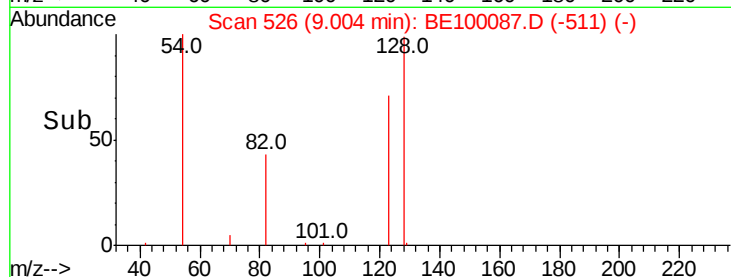
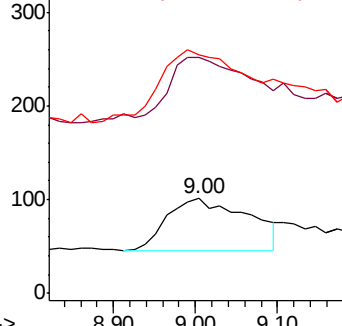
82 100

128 249.5 128.0 192.0#

54 251.5 143.4 215.0#



Abundance Ion 82.00 (81.70 to 82.70): BE1
Ion 128.00 (127.70 to 128.70): BE1
Ion 54.00 (53.70 to 54.70): BE1



#11

2-Methylnaphthalene-d10

Concen: 0.267 ng

RT: 12.21 min Scan# 763

Delta R.T. 0.06 min

Lab File: BE100087.D

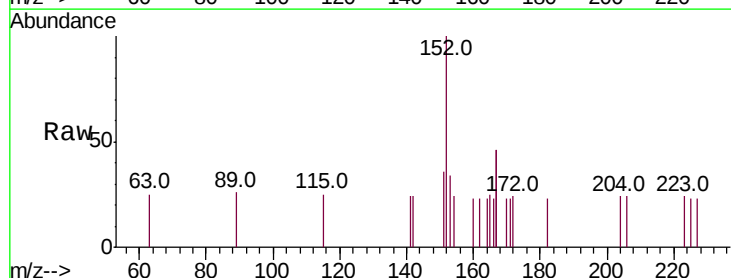
Acq: 19 Jun 2019 18:02

Tgt Ion: 152 Resp: 861

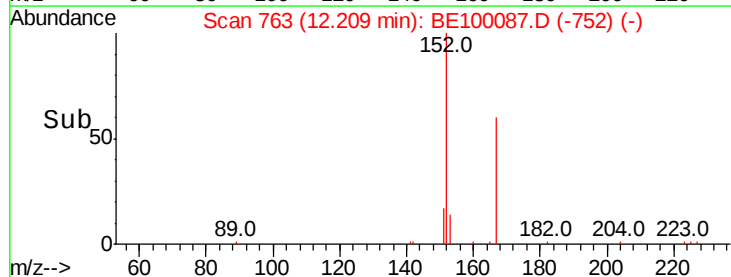
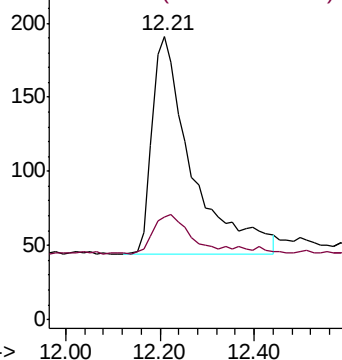
Ion Ratio Lower Upper

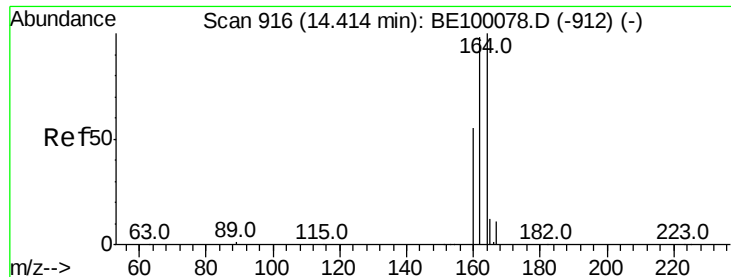
152 100

151 16.6 16.3 24.5



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

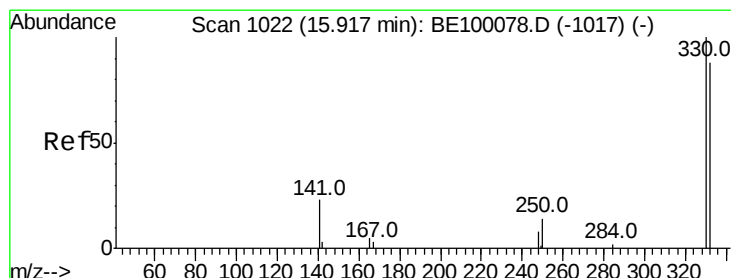
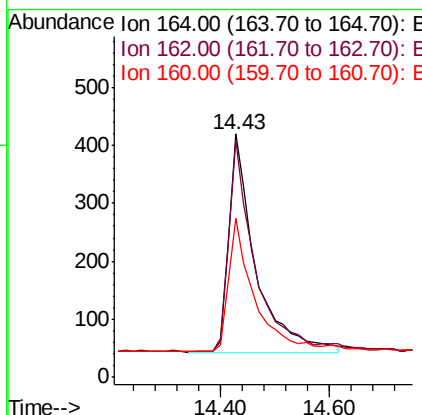
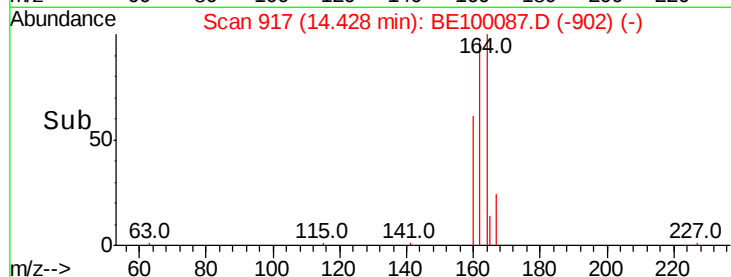
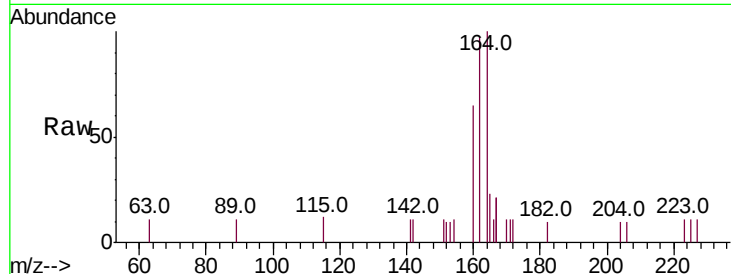




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.43 min Scan# 917
 Delta R.T. 0.01 min
 Lab File: BE100087.D
 Acq: 19 Jun 2019 18:02

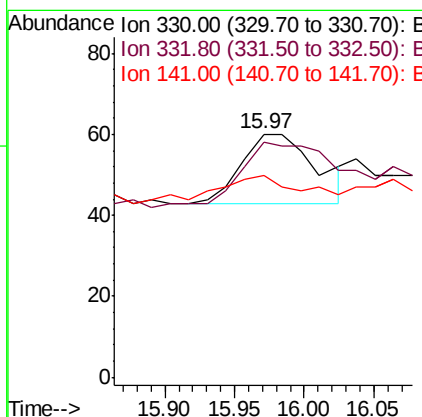
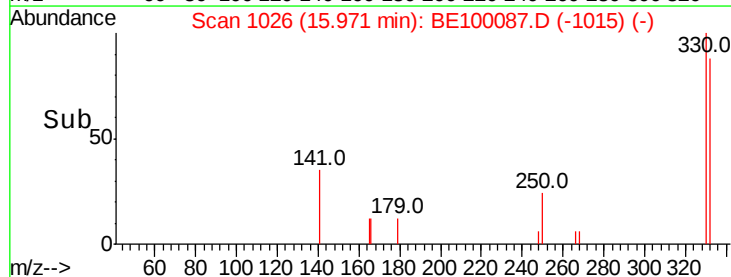
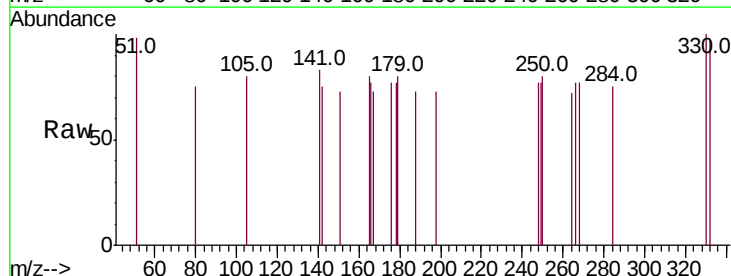
Instrument :
 BNA_E
 ClientSampleId :
 PB120491BL

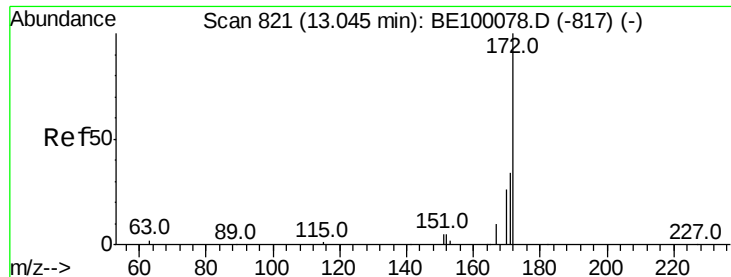
Tot Ion:164 Resp: 1283
 Ion Ratio Lower Upper
 164 100
 162 97.1 78.2 117.2
 160 65.5 45.6 68.4



#14
 2,4,6-Tribromophenol
 Concen: 0.089 ng
 RT: 15.97 min Scan# 1026
 Delta R.T. 0.05 min
 Lab File: BE100087.D
 Acq: 19 Jun 2019 18:02

Tgt Ion:330 Resp: 63
 Ion Ratio Lower Upper
 330 100
 332 114.3 73.3 109.9#
 141 47.6 22.2 33.2#

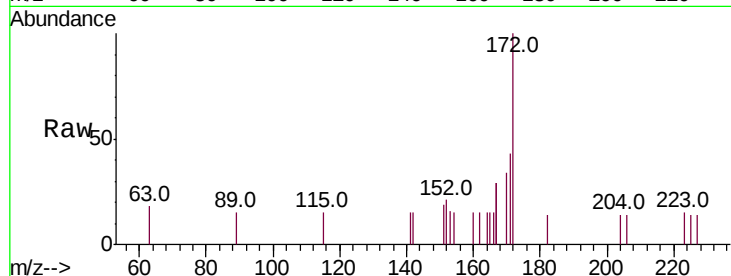




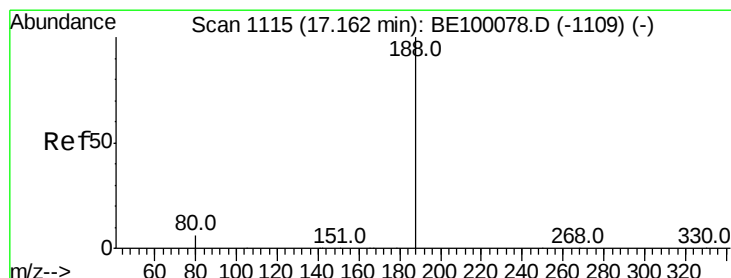
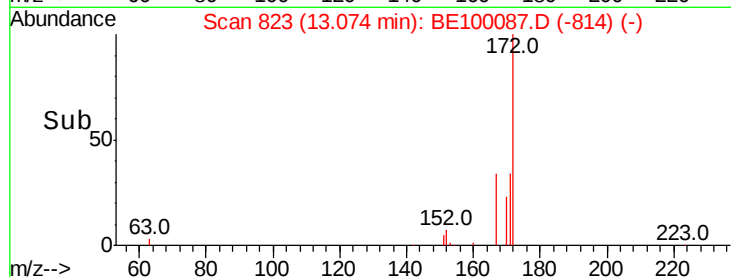
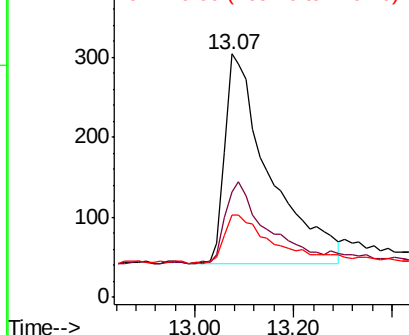
#15
2-Fluorobiphenyl
Concen: 0.323 ng
RT: 13.07 min Scan# 823
Delta R.T. 0.03 min
Lab File: BE100087.D
Acq: 19 Jun 2019 18:02

Instrument :
BNA_E
ClientSampleId :
PB120491BL

Tot Ion:172 Resp: 1631
Ion Ratio Lower Upper
172 100
171 43.4 29.8 44.8
170 33.9 23.2 34.8

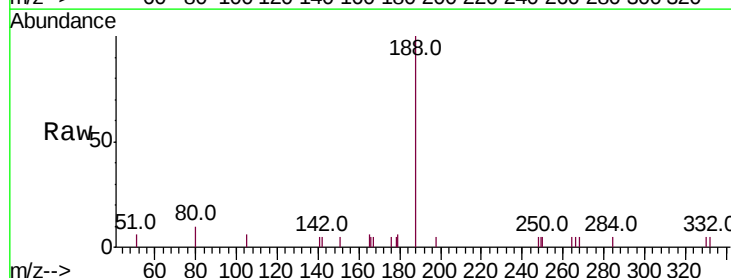


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

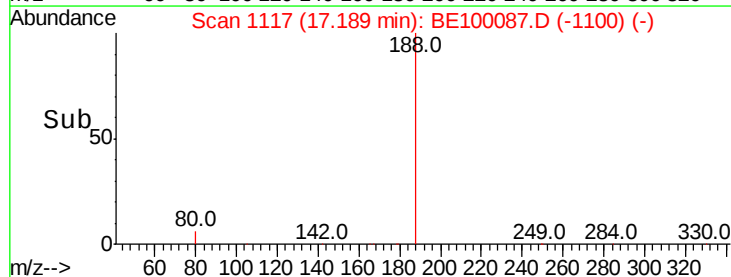
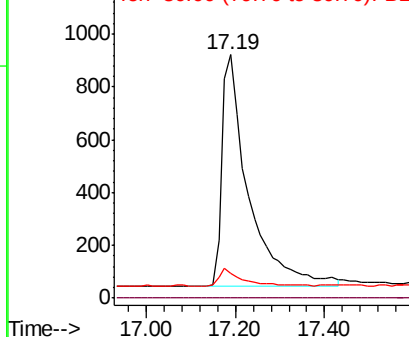


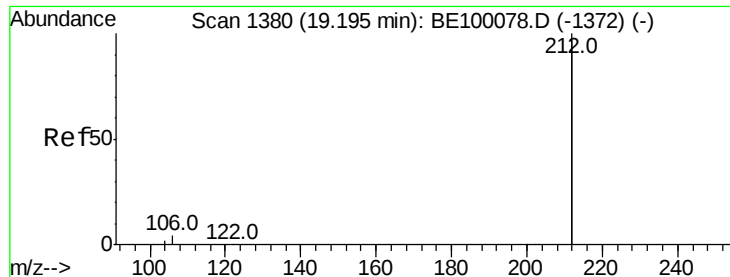
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.19 min Scan# 1117
Delta R.T. 0.03 min
Lab File: BE100087.D
Acq: 19 Jun 2019 18:02

Tgt Ion:188 Resp: 3650
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.2 6.3 9.5#



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BE1
Ion 80.00 (79.70 to 80.70): BE1





#25

Fluoranthene-d10

Concen: 0.274 ng

RT: 19.21 min Scan# 1383

Delta R.T. 0.02 min

Lab File: BE100087.D

Acq: 19 Jun 2019 18:02

Instrument :

BNA_E

ClientSampleId :

PB120491BL

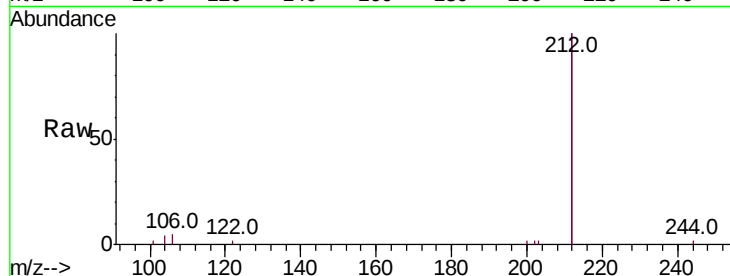
Tot Ion:212 Resp: 14277

Ion Ratio Lower Upper

212 100

106 1.7 1.4 2.0

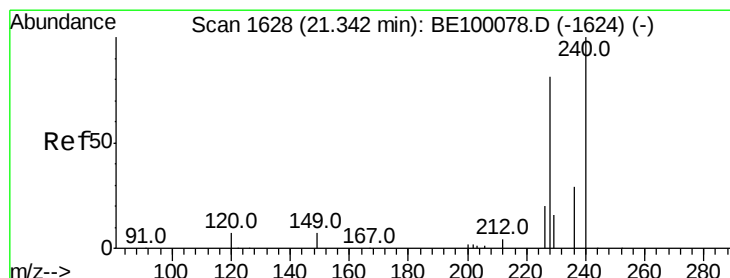
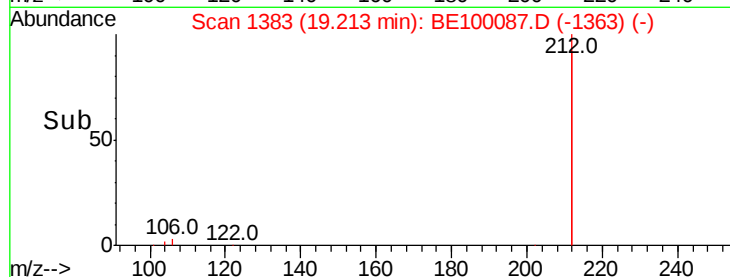
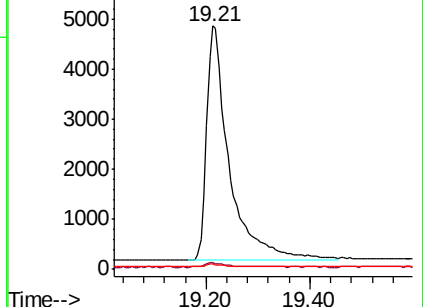
104 0.9 0.8 1.2



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: 21.35 min Scan# 1629

Delta R.T. 0.01 min

Lab File: BE100087.D

Acq: 19 Jun 2019 18:02

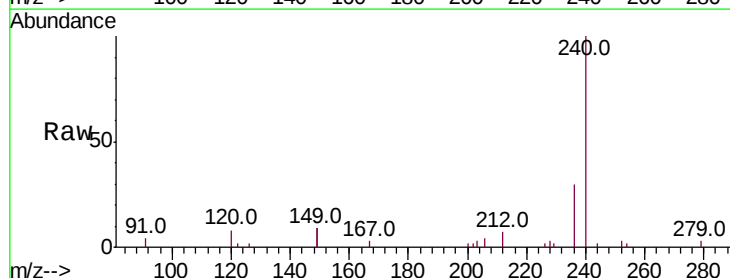
Tgt Ion:240 Resp: 5297

Ion Ratio Lower Upper

240 100

120 8.1 6.6 10.0

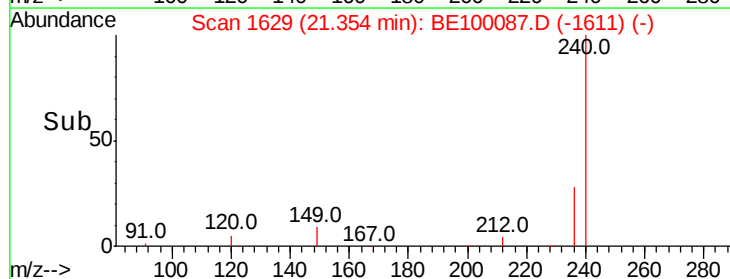
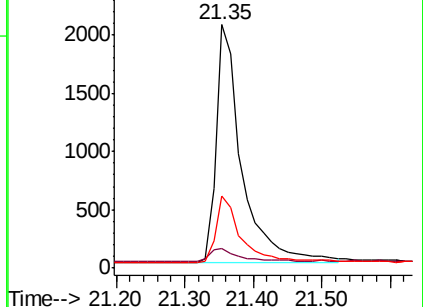
236 29.6 23.8 35.6

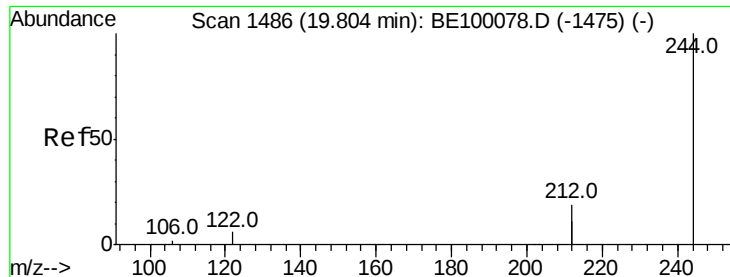


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.335 ng

RT: 19.81 min Scan# 1487

Delta R.T. 0.01 min

Lab File: BE100087.D

Acq: 19 Jun 2019 18:02

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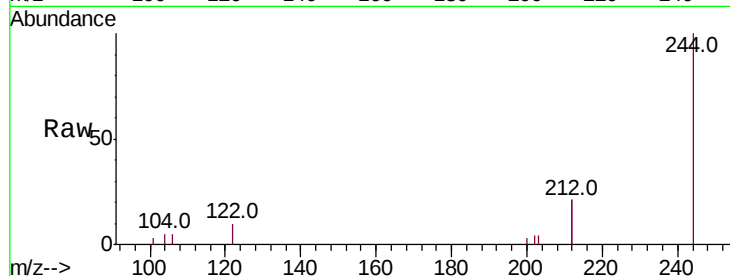
Tot Ion:244 Resp: 3551

Ion Ratio Lower Upper

244 100

212 41.8 29.8 44.8

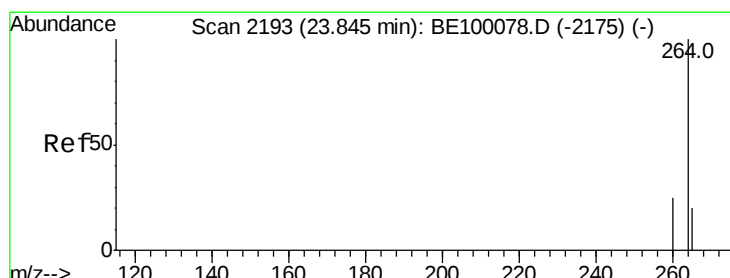
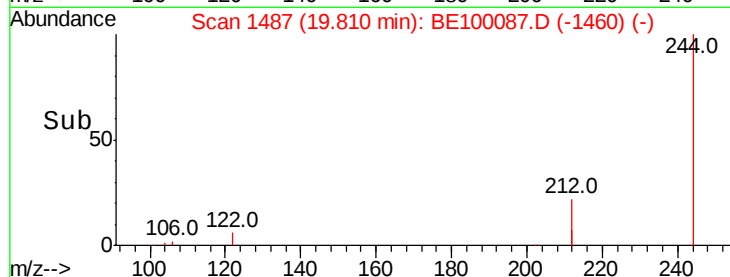
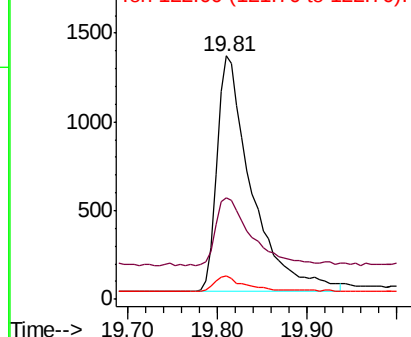
122 9.5 6.1 9.1#



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: 23.85 min Scan# 2194

Delta R.T. 0.00 min

Lab File: BE100087.D

Acq: 19 Jun 2019 18:02

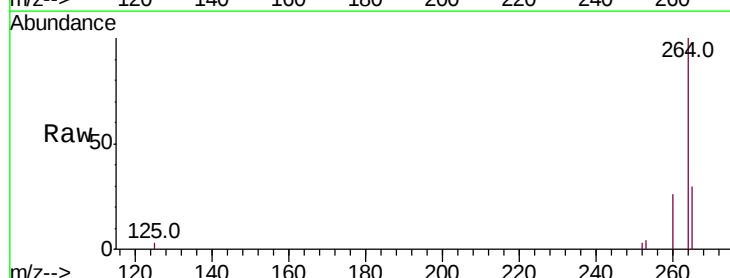
Tgt Ion:264 Resp: 6906

Ion Ratio Lower Upper

264 100

260 26.0 20.8 31.2

265 29.7 23.2 34.8



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

