

Data Path : Z:\HPCHEM1\BNA E\DATA\BE101217\
 Data File : BE094315.D
 Acq On : 12 Oct 2017 16:33
 Operator : SJ/JU
 Sample : PB103201BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Oct 12 22:40:47 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE100617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 06 15:16:13 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	75358	0.40	ng	0.02
7) Naphthalene-d8	10.71	136	373219	0.40	ng	0.02
13) Acenaphthene-d10	14.53	164	198258	0.40	ng	0.02
19) Phenanthrene-d10	17.27	188	281790	0.40	ng	0.03
27) Chrysene-d12	21.43	240	427290	0.40	ng	0.02
34) Perylene-d12	23.96	264	419190	0.40	ng	0.05
System Monitoring Compounds						
4) 2-Fluorophenol	5.52	112	798491	3.18	ng	0.02
5) Phenol-d6	7.12	99	1187100	3.26	ng	0.03
8) Nitrobenzene-d5	9.06	82	749031	2.41	ng	0.00
11) 2-Methylnaphthalene-d10	12.30	152	27	0.00	ng	0.02
14) 2,4,6-Tribromophenol	16.03	330	291041	3.38	ng	0.03
15) 2-Fluorobiphenyl	13.15	172	1455207	2.14	ng	0.02
25) Fluoranthene-d10	19.33	212	36	0.00	ng	0.07
29) Terphenyl-d14	19.87	244	1623098	2.01	ng	0.02

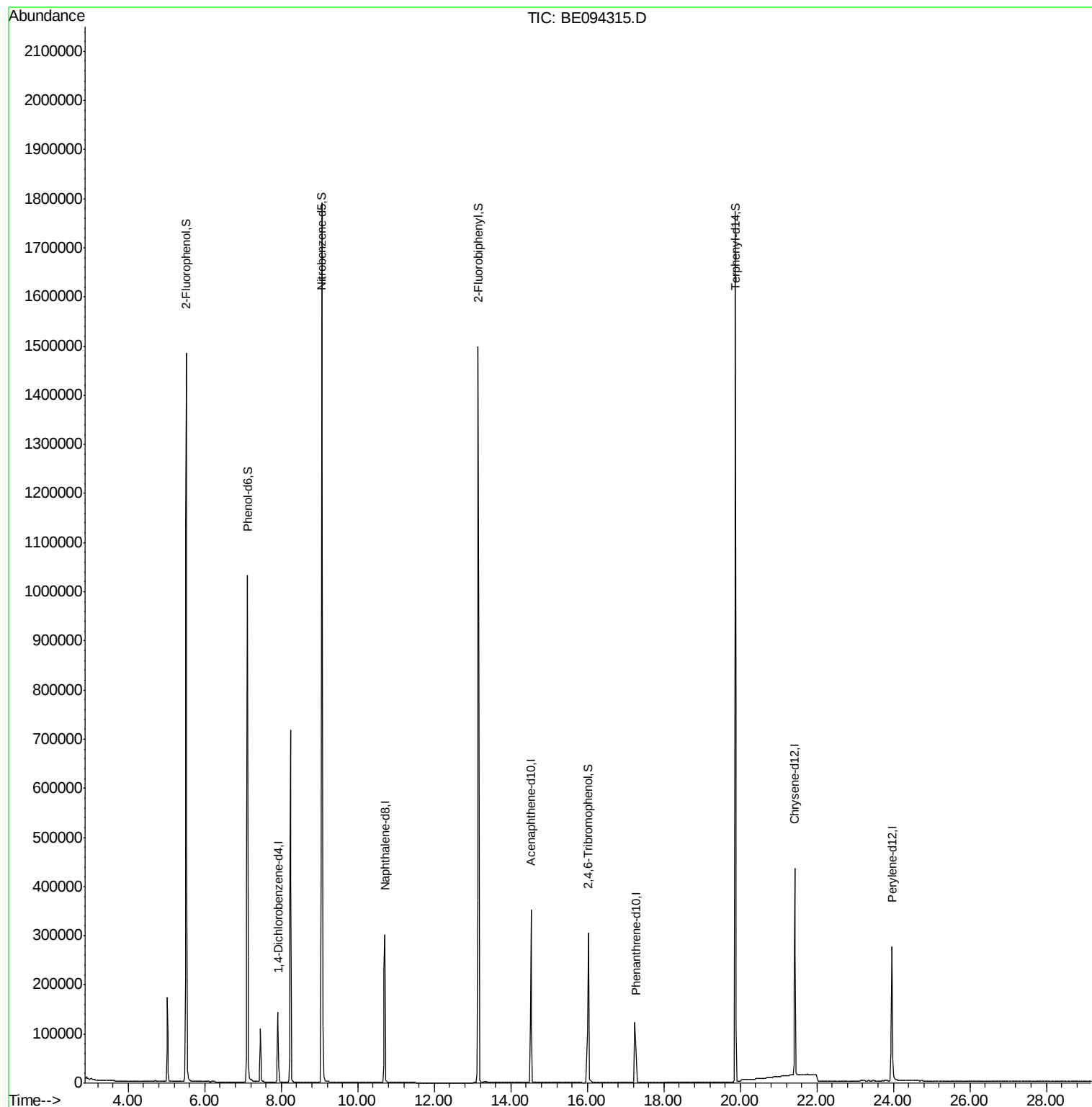
Target Compounds Qvalue

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

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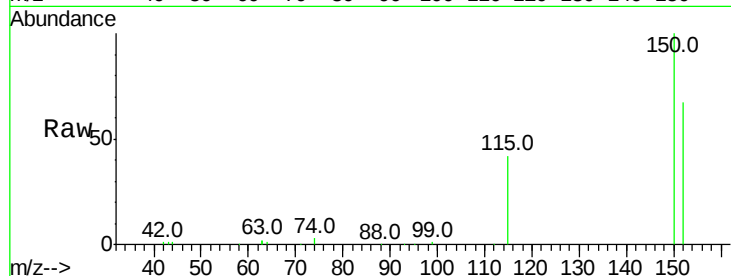


#1

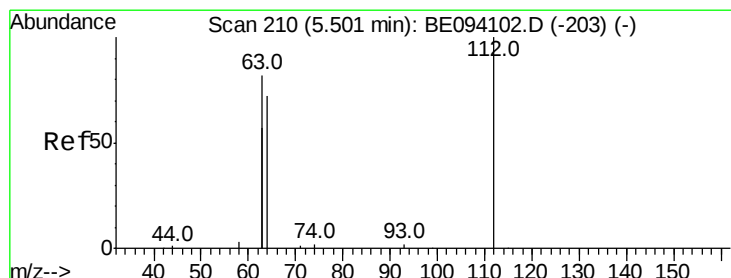
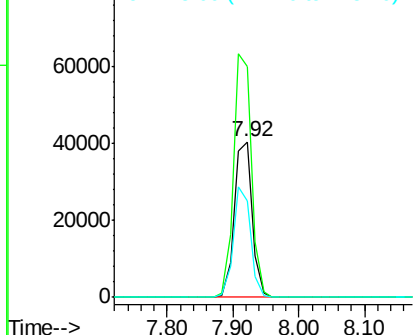
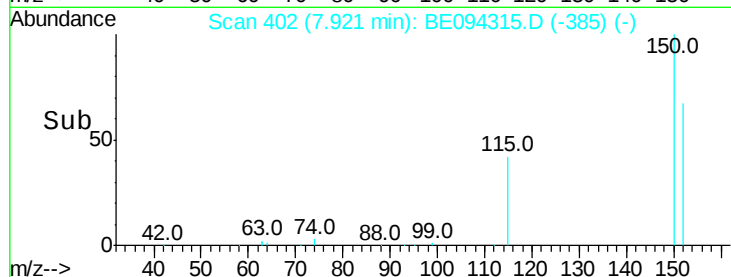
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.92 min Scan# 402
Delta R.T. 0.02 min
Lab File: BE094315.D
Acq: 12 Oct 2017 16:33

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 75358
Ion Ratio Lower Upper
152 100
150 148.7 117.2 175.8
115 62.4 57.0 85.6



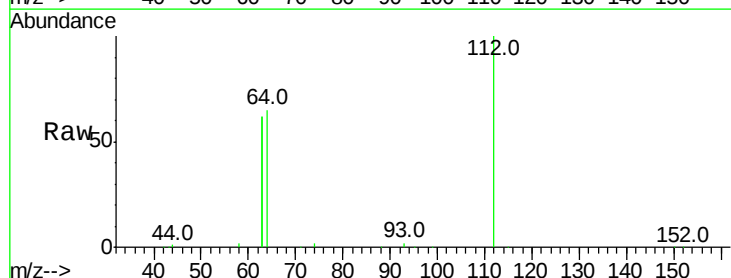
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



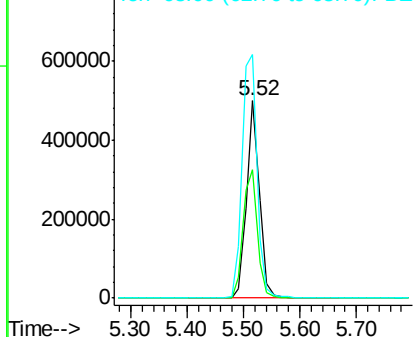
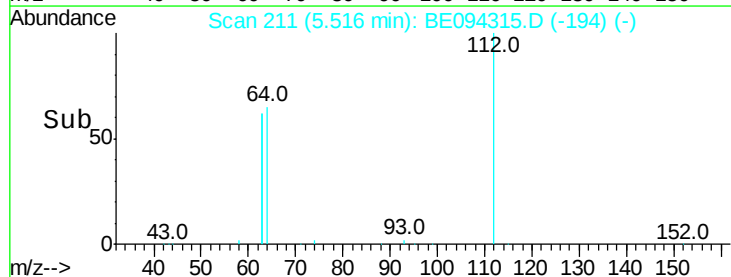
#4

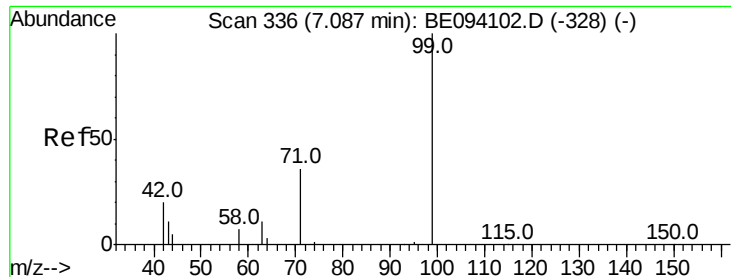
2-Fluorophenol
Concen: 3.180 ng
RT: 5.52 min Scan# 211
Delta R.T. 0.02 min
Lab File: BE094315.D
Acq: 12 Oct 2017 16:33

Tgt Ion:112 Resp: 798491
Ion Ratio Lower Upper
112 100
64 72.6 60.1 90.1
63 144.9 116.8 175.2



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: 3.261 ng

RT: 7.12 min Scan# 338

Delta R.T. 0.03 min

Lab File: BE094315.D

Acq: 12 Oct 2017 16:33

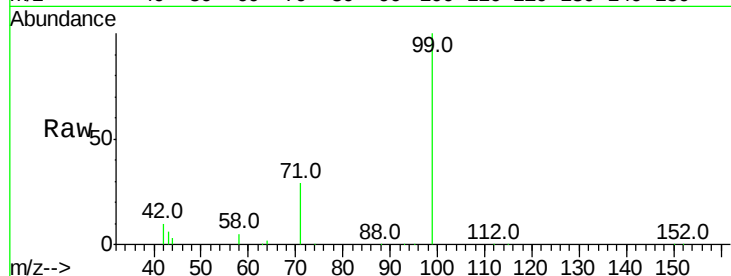
Instrument :

BNA_E

ClientSampleId :

Tot Ion: 99 Resp: 1187100

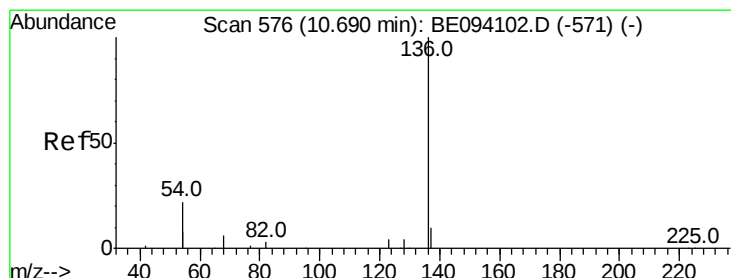
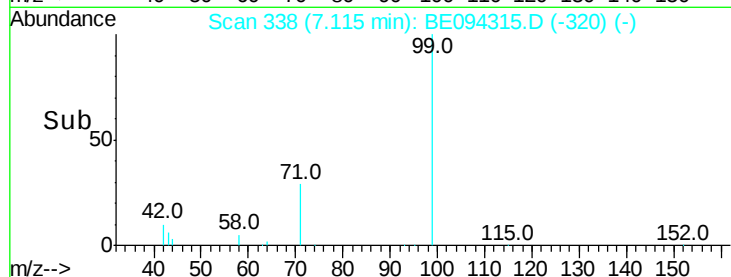
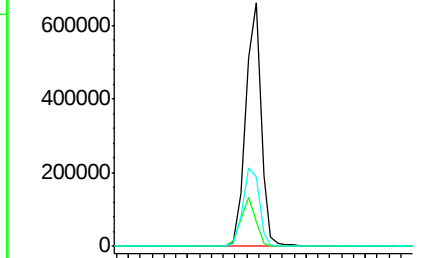
Ion	Ratio	Lower	Upper
99	100		
42	19.4	20.2	30.2#
71	34.4	28.4	42.6



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



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.71 min Scan# 577

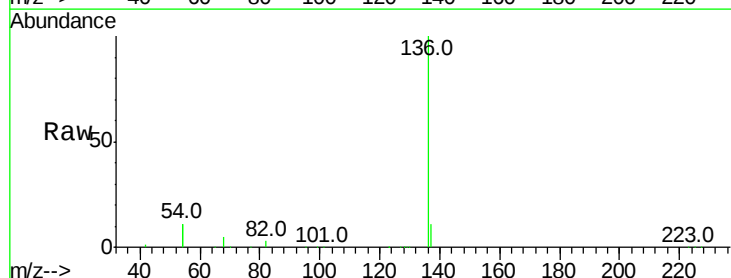
Delta R.T. 0.02 min

Lab File: BE094315.D

Acq: 12 Oct 2017 16:33

Tgt Ion: 136 Resp: 373219

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.5	14.3
54	21.1	29.1	43.7#
68	4.5	6.2	9.2#

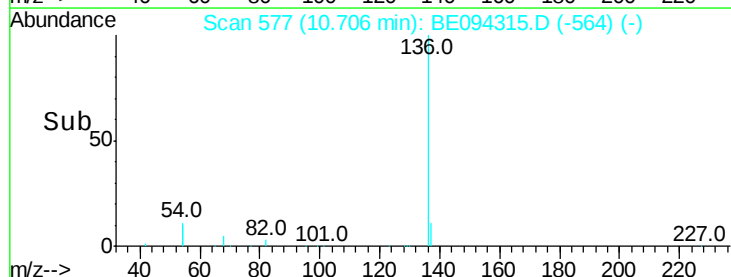
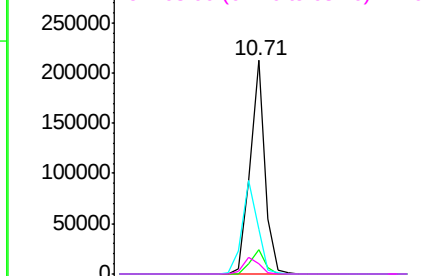


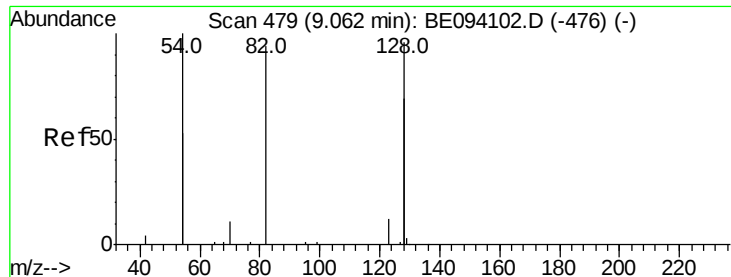
Abundance Ion 136.00 (135.70 to 136.70): E

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





#8

Nitrobenzene-d5

Concen: 2.410 ng

RT: 9.06 min Scan# 479

Delta R.T. -0.00 min

Lab File: BE094315.D

Acq: 12 Oct 2017 16:33

Instrument :

BNA_E

ClientSampleId :

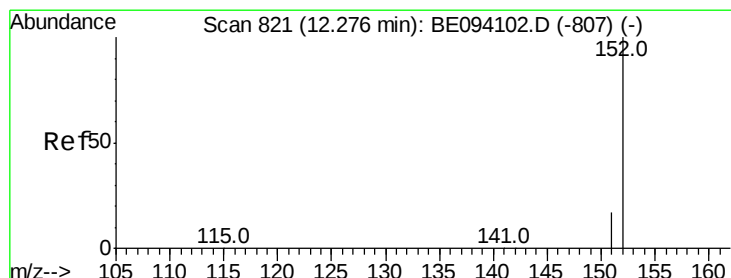
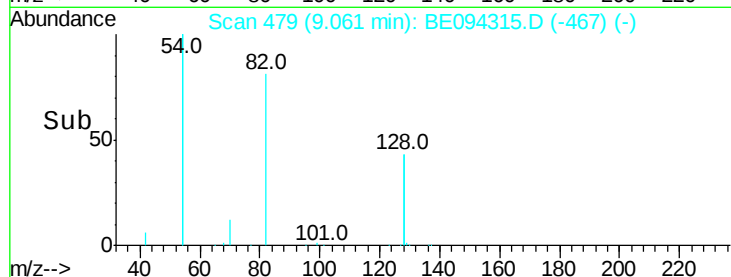
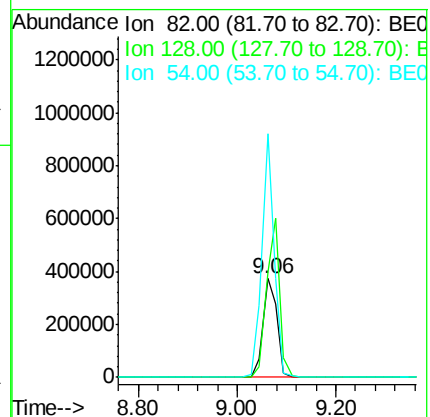
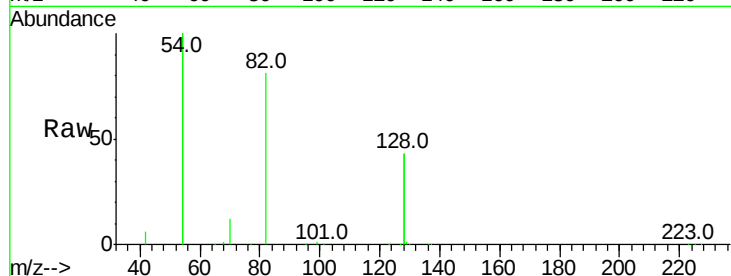
Tot Ion: 82 Resp: 749031

Ion Ratio Lower Upper

82 100

128 107.5 150.0 225.0#

54 247.5 154.2 231.4#



#11

2-Methylnaphthalene-d10

Concen: 0.000 ng

RT: 12.30 min Scan# 827

Delta R.T. 0.02 min

Lab File: BE094315.D

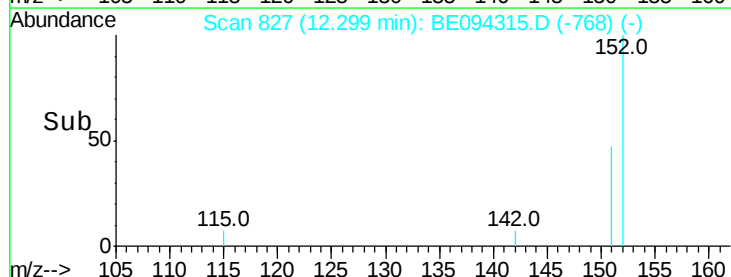
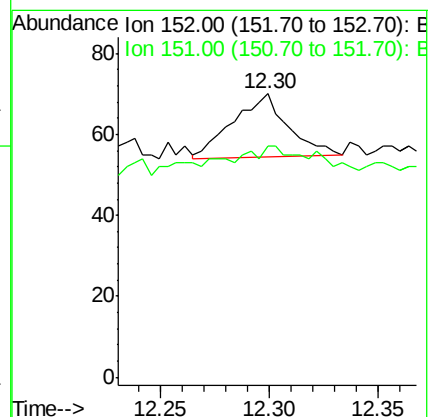
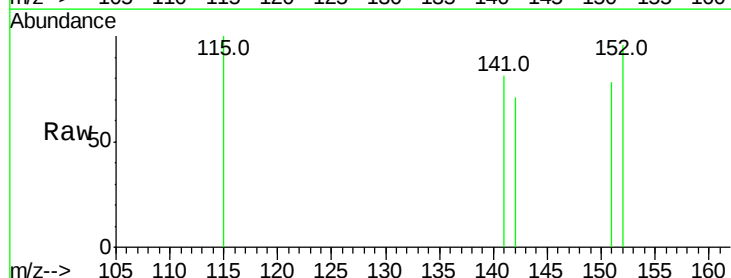
Acq: 12 Oct 2017 16:33

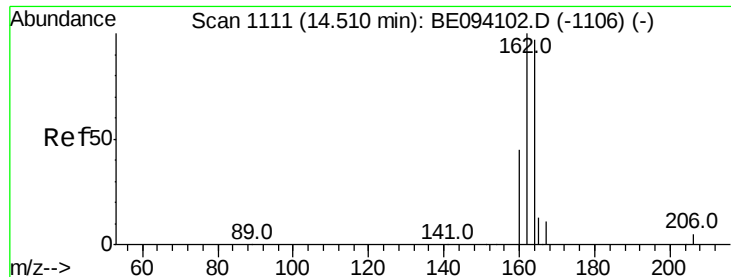
Tgt Ion: 152 Resp: 27

Ion Ratio Lower Upper

152 100

151 44.4 15.4 23.0#

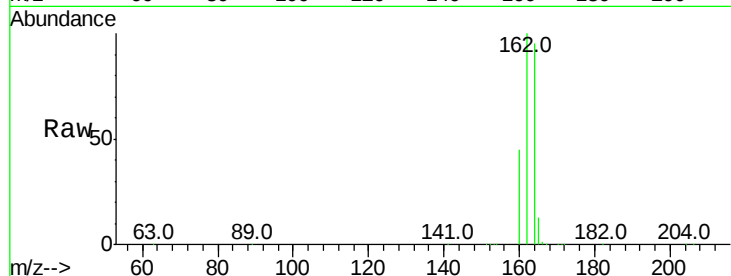




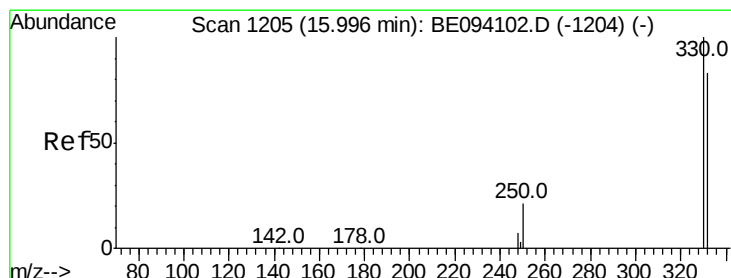
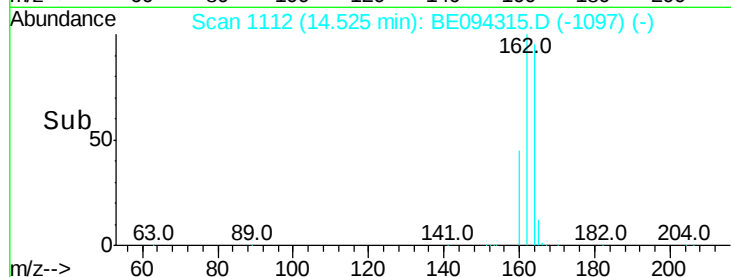
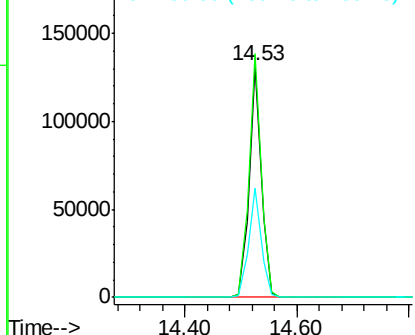
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.53 min Scan# 1112
Delta R.T. 0.02 min
Lab File: BE094315.D
Acq: 12 Oct 2017 16:33

Instrument :
BNA_E
ClientSampleId :

Tot Ion:164 Resp: 198258
Ion Ratio Lower Upper
164 100
162 105.3 83.1 124.7
160 47.3 37.1 55.7

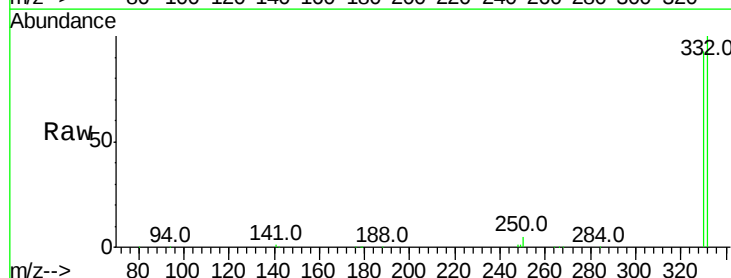


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

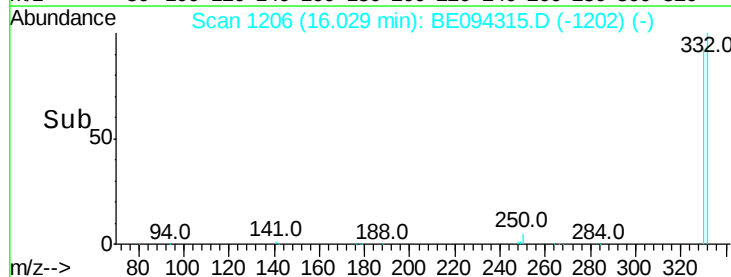
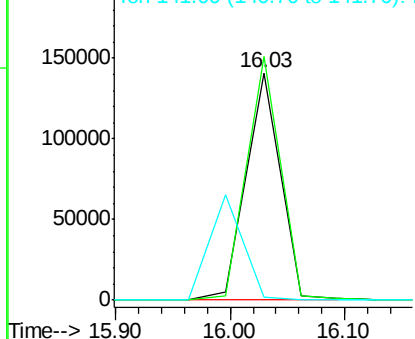


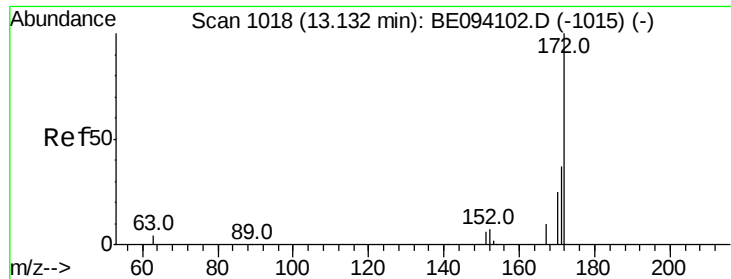
#14
2,4,6-Tribromophenol
Concen: 3.377 ng
RT: 16.03 min Scan# 1206
Delta R.T. 0.03 min
Lab File: BE094315.D
Acq: 12 Oct 2017 16:33

Tgt Ion:330 Resp: 291041
Ion Ratio Lower Upper
330 100
332 105.5 152.7 229.1#
141 0.0 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

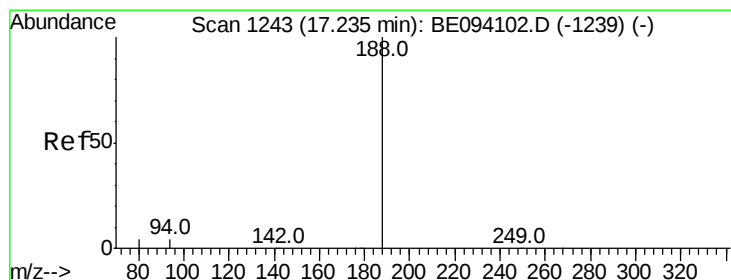
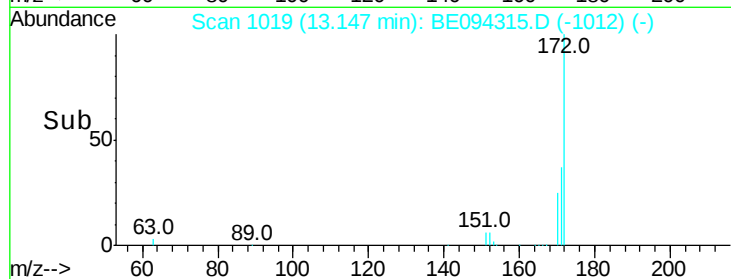
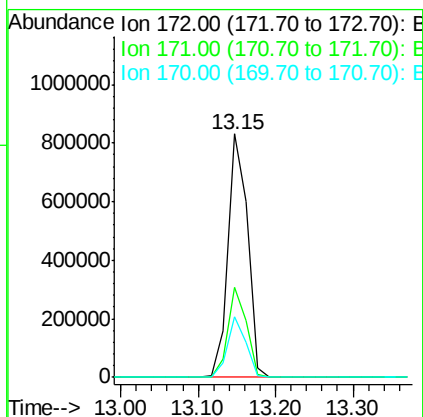
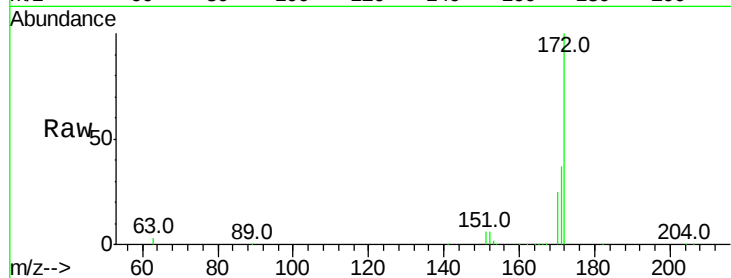




#15
2-Fluorobiphenyl
Concen: 2.143 ng
RT: 13.15 min Scan# 1019
Delta R.T. 0.02 min
Lab File: BE094315.D
Acq: 12 Oct 2017 16:33

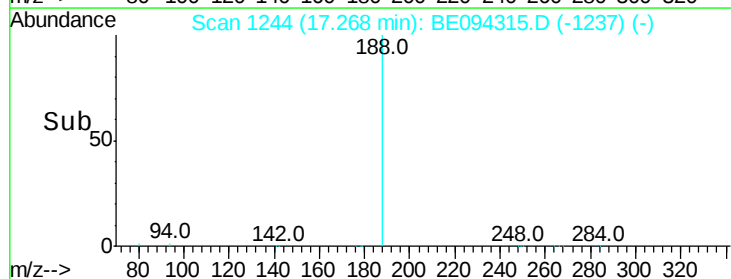
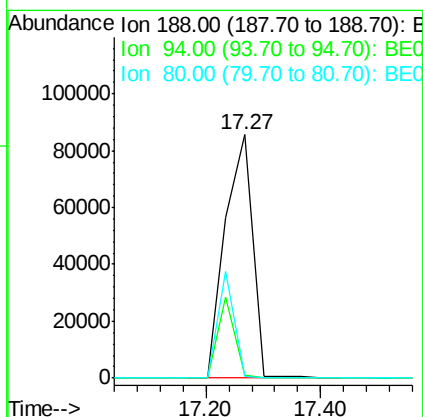
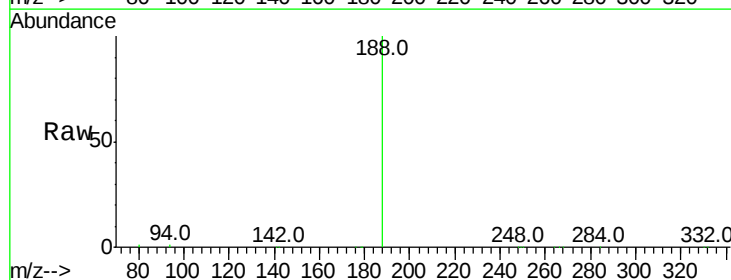
Instrument :
BNA_E
ClientSampleId :

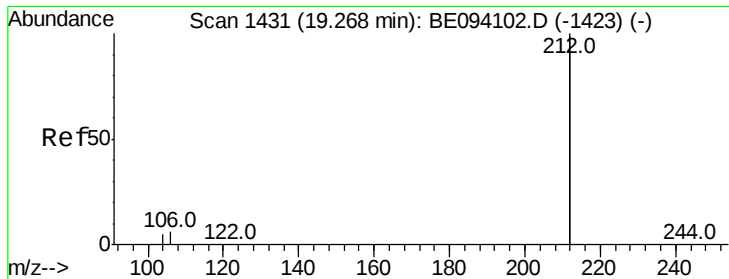
Tot Ion:172 Resp: 1455207
Ion Ratio Lower Upper
172 100
171 37.0 29.9 44.9
170 25.1 21.8 32.8



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.27 min Scan# 1244
Delta R.T. 0.03 min
Lab File: BE094315.D
Acq: 12 Oct 2017 16:33

Tgt Ion:188 Resp: 281790
Ion Ratio Lower Upper
188 100
94 1.1 3.9 5.9#
80 0.9 3.6 5.4#





#25

Fluoranthene-d10

Concen: 0.000 ng

RT: 19.33 min Scan# 1440

Delta R.T. 0.07 min

Lab File: BE094315.D

Acq: 12 Oct 2017 16:33

Instrument :

BNA_E

ClientSampleId :

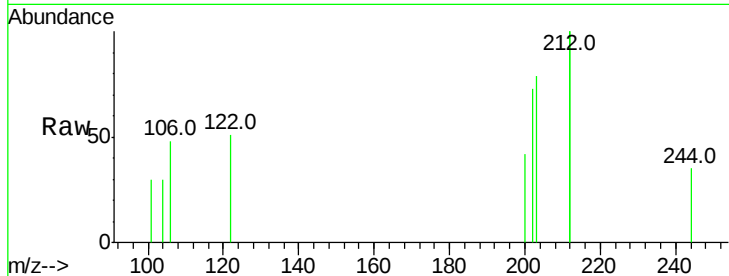
Tot Ion:212 Resp: 36

Ion Ratio Lower Upper

212 100

106 0.0 2.8 4.2#

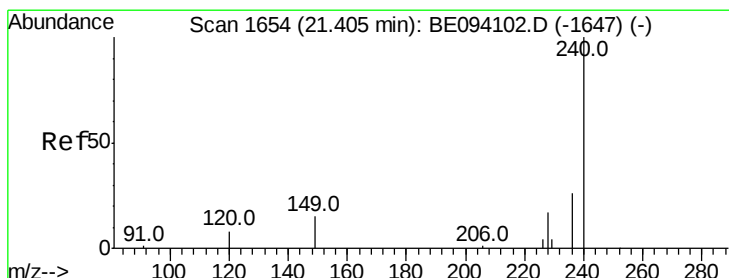
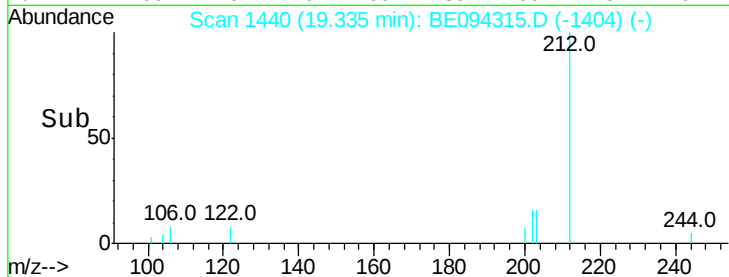
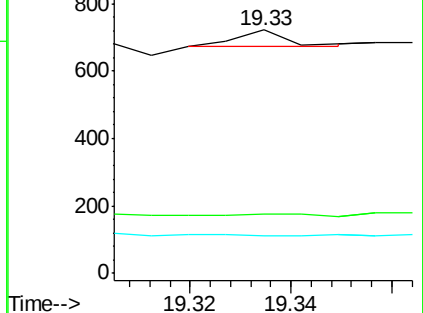
104 0.0 1.6 2.4#



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: 21.43 min Scan# 1656

Delta R.T. 0.02 min

Lab File: BE094315.D

Acq: 12 Oct 2017 16:33

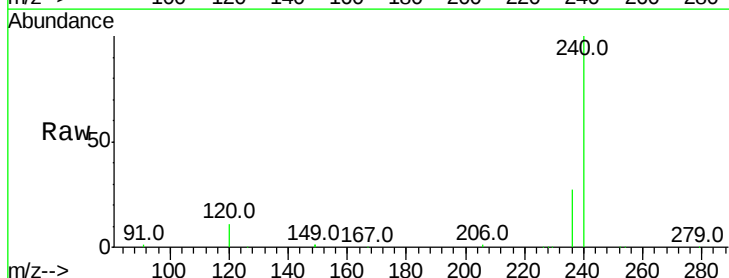
Tgt Ion:240 Resp: 427290

Ion Ratio Lower Upper

240 100

120 11.1 5.5 8.3#

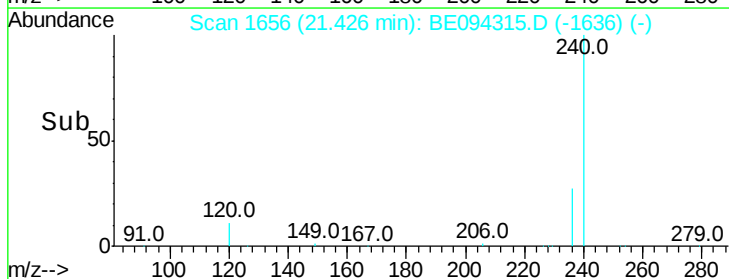
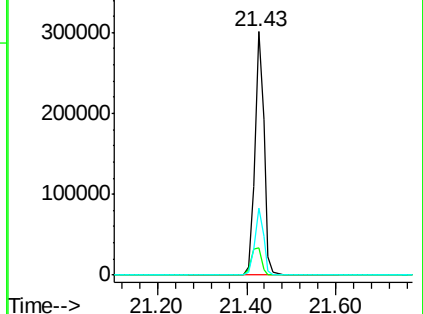
236 27.4 20.7 31.1

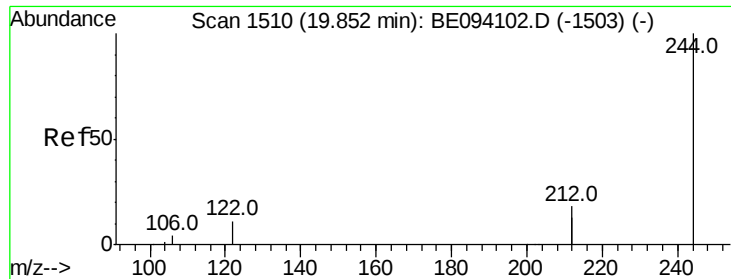


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 2.012 ng

RT: 19.87 min Scan# 1513

Delta R.T. 0.02 min

Lab File: BE094315.D

Acq: 12 Oct 2017 16:33

Instrument :

BNA_E

ClientSampleId :

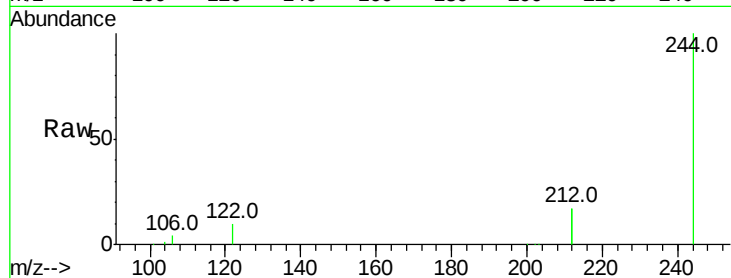
Tot Ion:244 Resp: 1623098

Ion Ratio Lower Upper

244 100

212 34.0 25.4 38.0

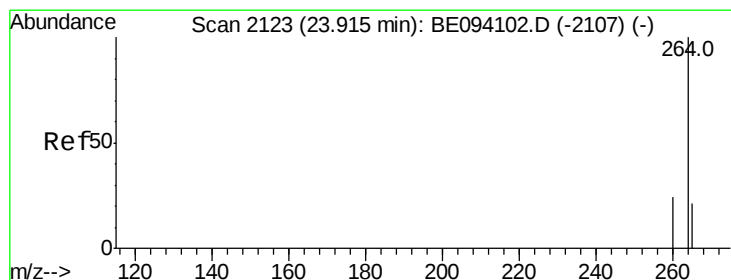
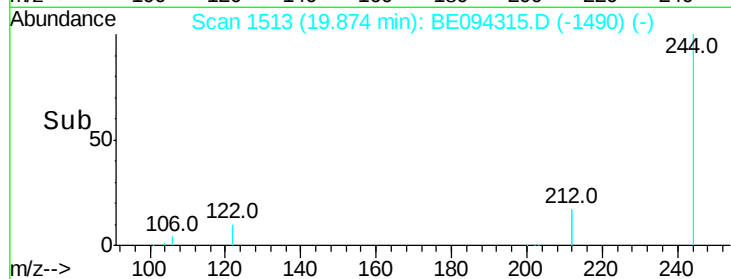
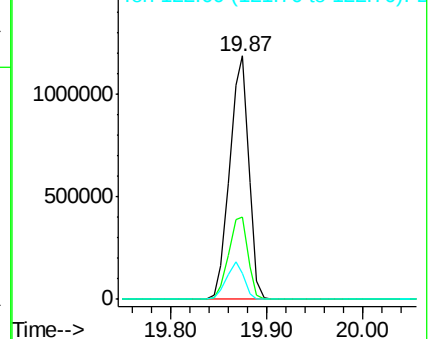
122 10.5 8.1 12.1



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: 23.96 min Scan# 2133

Delta R.T. 0.05 min

Lab File: BE094315.D

Acq: 12 Oct 2017 16:33

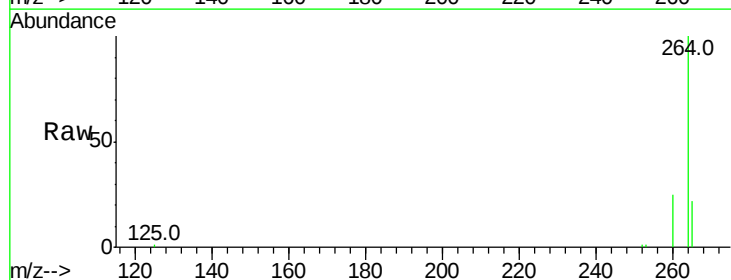
Tgt Ion:264 Resp: 419190

Ion Ratio Lower Upper

264 100

260 24.8 20.5 30.7

265 21.8 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

