

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP070920\
 Data File : BP002711.D
 Acq On : 09 Jul 2020 23:03
 Operator : CG/JU
 Sample : L3217-12
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 E3-41-COMP-1-FLOOR

Quant Time: Jul 10 01:17:26 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP062920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 29 16:51:57 2020
 Response via : Initial Calibration

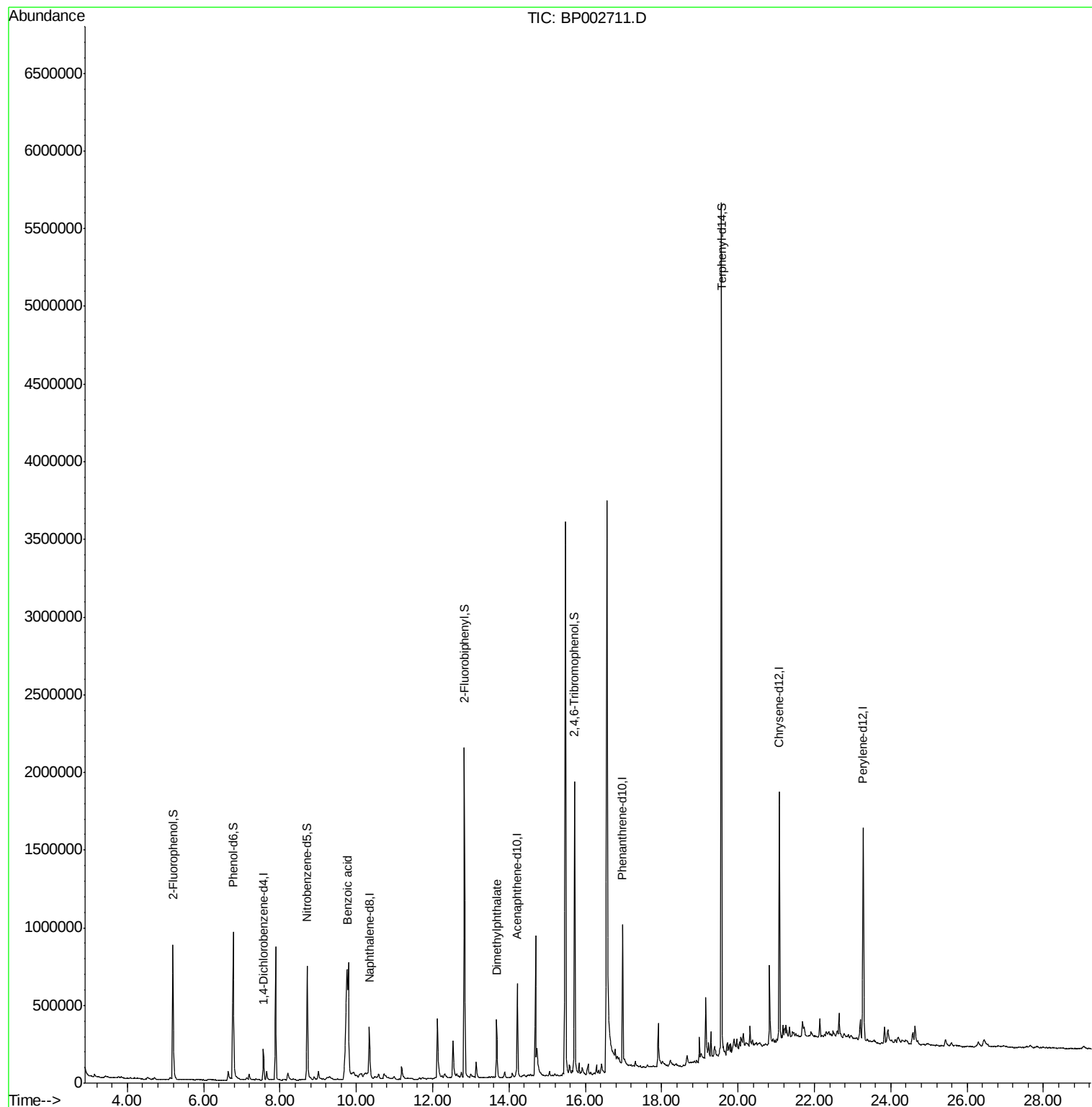
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	56778	20.00	ng	0.00
21) Naphthalene-d8	10.33	136	268952	20.00	ng	-0.01
39) Acenaphthene-d10	14.22	164	197716	20.00	ng	0.00
64) Phenanthrene-d10	16.97	188	522718	20.00	ng	0.00
76) Chrysene-d12	21.08	240	729867	20.00	ng	-0.01
86) Perylene-d12	23.27	264	923138	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	441127	131.54	ng	0.00
7) Phenol-d6	6.77	99	695549	148.60	ng	0.00
23) Nitrobenzene-d5	8.71	82	458336	87.81	ng	-0.01
42) 2,4,6-Tribromophenol	15.72	330	348921	145.09	ng	0.00
45) 2-Fluorobiphenyl	12.83	172	1136240	84.58	ng	-0.01
79) Terphenyl-d14	19.56	244	2658156	78.61	ng	-0.01
Target Compounds						
32) Benzoic acid	9.75	122	349874	104.223	ng	97
50) Dimethylphthalate	13.68	163	242322	15.604	ng	98

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

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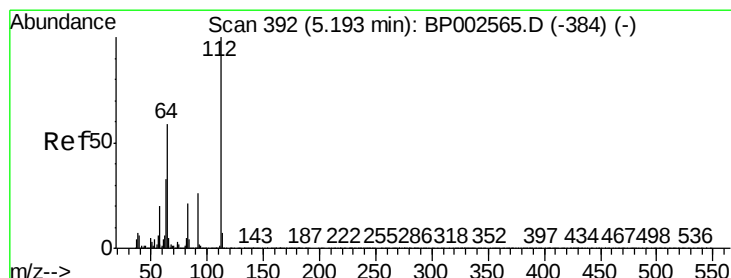
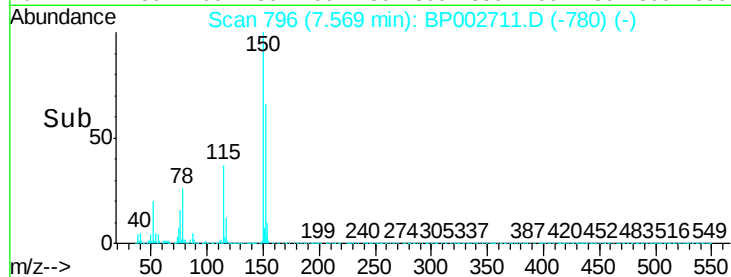
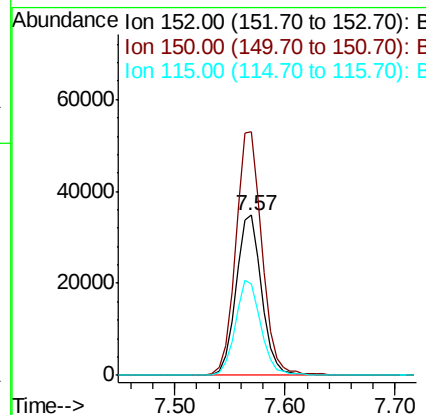
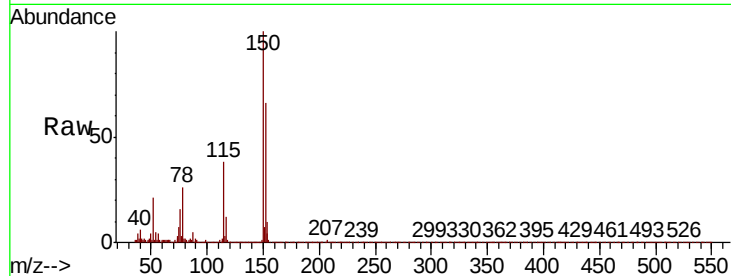


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.57 min Scan# 796
Delta R.T. -0.01 min
Lab File: BP002711.D
Acq: 09 Jul 2020 23:03

Instrument :
BNA_P
ClientSampleId :
E3-41-COMP-1-FLOOR

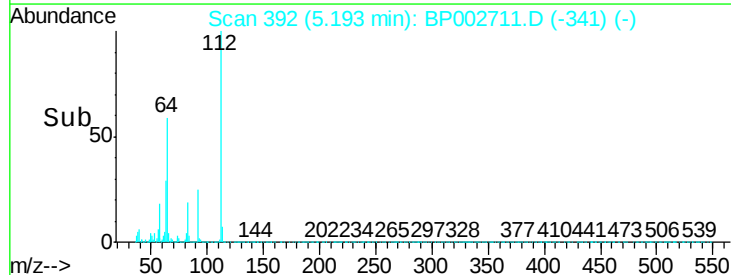
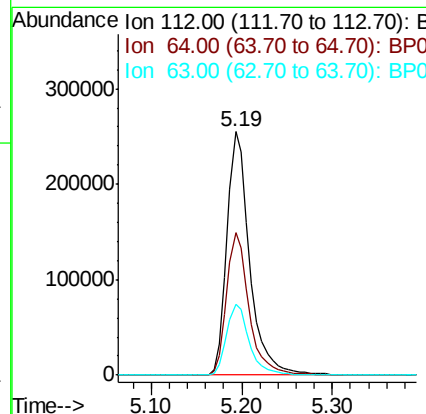
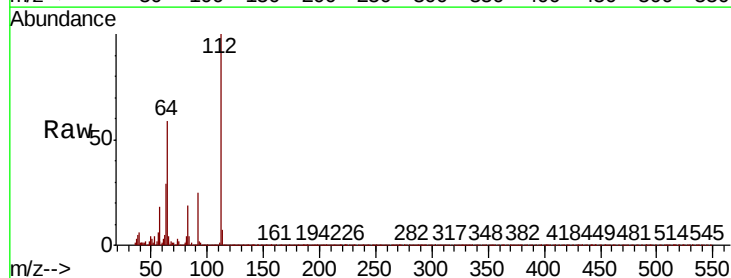
Tot Ion	Ratio	Lower	Upper
152	100		
150	152.0	124.2	186.2
115	57.1	47.1	70.7

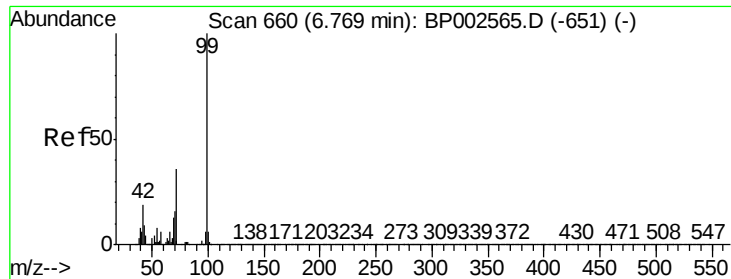


#5

2-Fluorophenol
Concen: 131.544 ng
RT: 5.19 min Scan# 392
Delta R.T. -0.00 min
Lab File: BP002711.D
Acq: 09 Jul 2020 23:03

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.6	47.0	70.6
63	29.2	26.1	39.1





#7

Phenol-d6

Concen: 148.603 ng

RT: 6.77 min Scan# 660

Delta R.T. -0.00 min

Lab File: BP002711.D

Acq: 09 Jul 2020 23:03

Instrument :

BNA_P

ClientSampleId :

E3-41-COMP-1-FLOOR

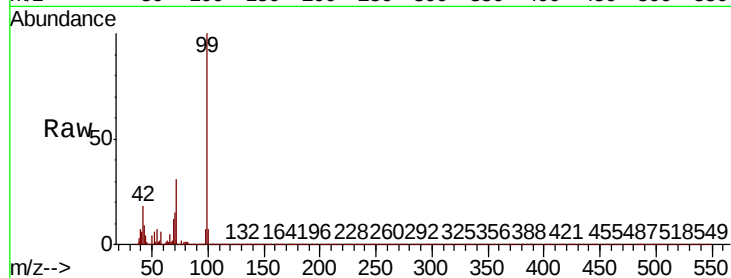
Tot Ion: 99 Resp: 695549

Ion Ratio Lower Upper

99 100

42 17.8 15.5 23.3

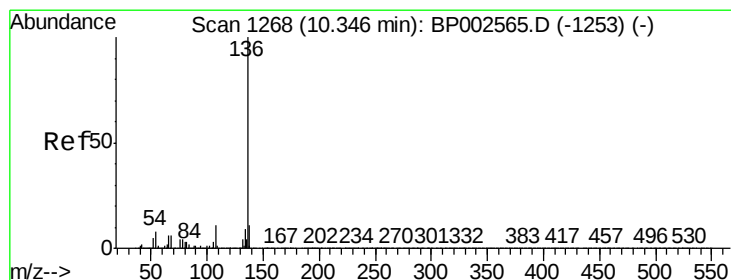
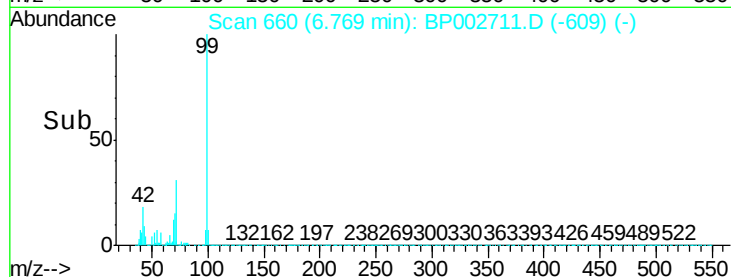
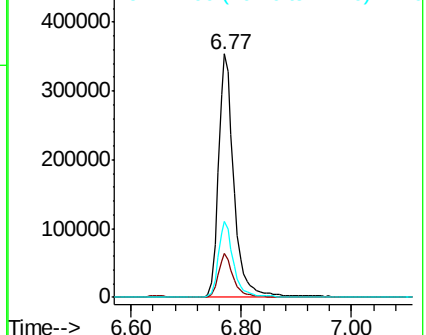
71 31.0 28.9 43.3



Abundance Ion 99.00 (98.70 to 99.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

Ion 71.00 (70.70 to 71.70): BP0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.33 min Scan# 1266

Delta R.T. -0.01 min

Lab File: BP002711.D

Acq: 09 Jul 2020 23:03

Tgt Ion: 136 Resp: 268952

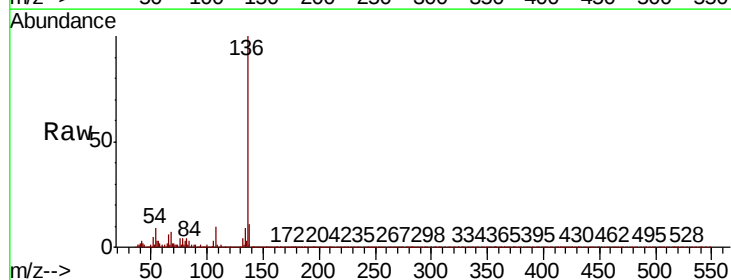
Ion Ratio Lower Upper

136 100

137 10.7 8.8 13.2

54 8.5 6.4 9.6

68 7.3 5.1 7.7

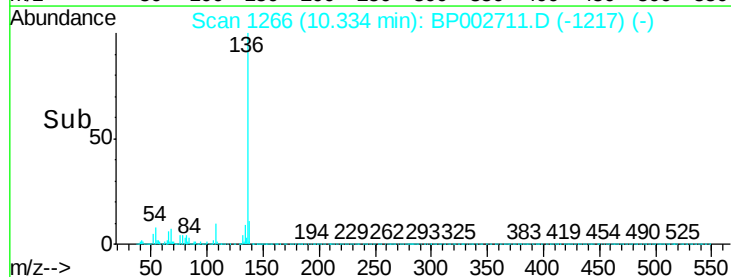
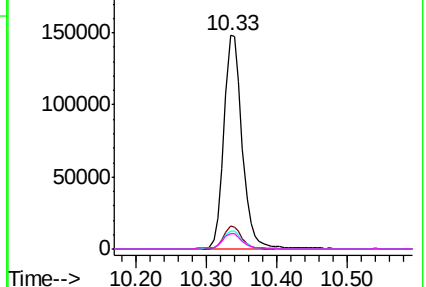


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BP0

Ion 68.00 (67.70 to 68.70): BP0

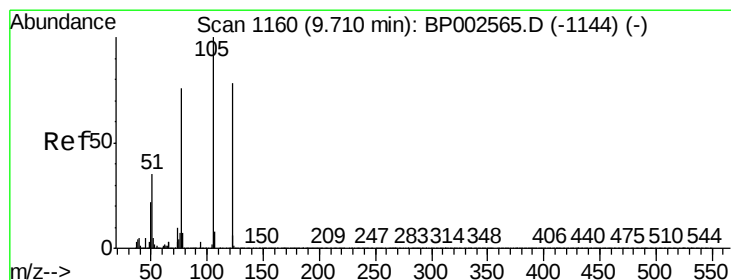
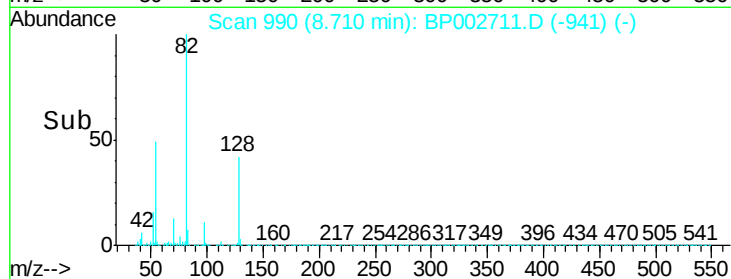
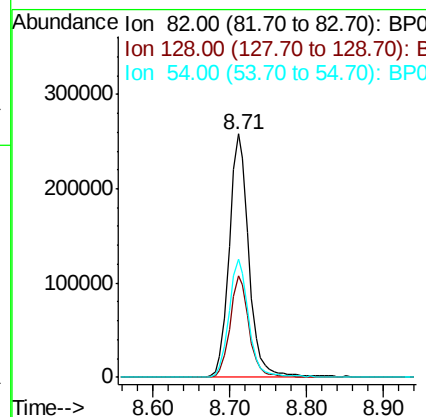
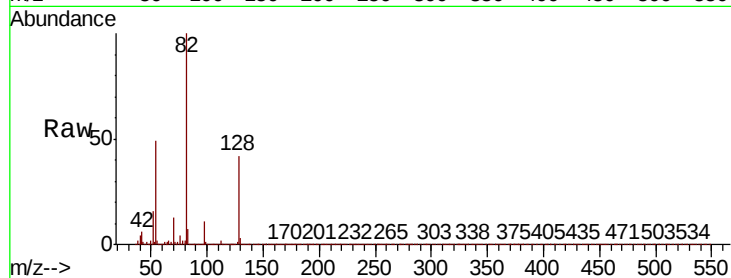




#23
 Nitrobenzene-d5
 Concen: 87.807 ng
 RT: 8.71 min Scan# 990
 Delta R.T. -0.01 min
 Lab File: BP002711.D
 Acq: 09 Jul 2020 23:03

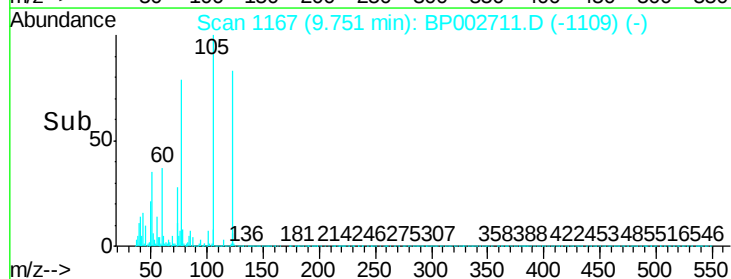
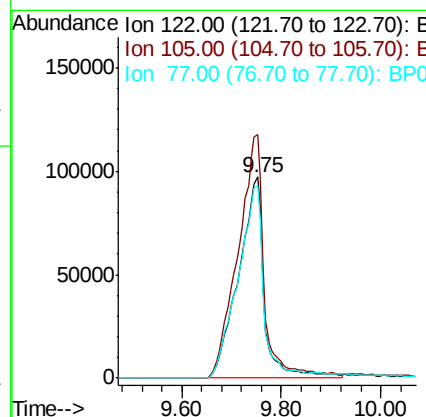
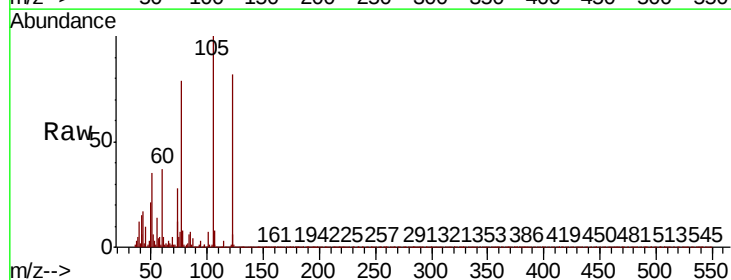
Instrument :
 BNA_P
 ClientSampleId :
 E3-41-COMP-1-FLOOR

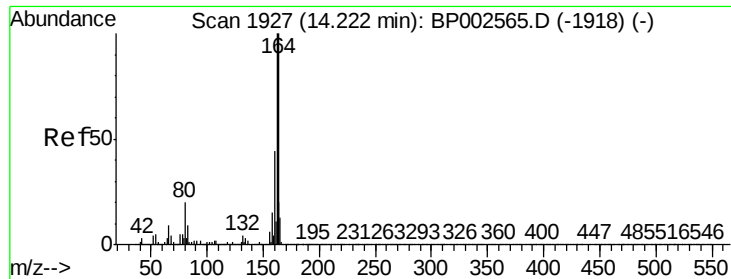
Tot Ion	82	Resp	458336
Ion Ratio	Lower	Upper	
82	100		
128	41.7	33.4	50.2
54	48.7	40.1	60.1



#32
 Benzoic acid
 Concen: 104.223 ng
 RT: 9.75 min Scan# 1167
 Delta R.T. 0.04 min
 Lab File: BP002711.D
 Acq: 09 Jul 2020 23:03

Tgt Ion	122	Resp	349874
Ion Ratio	Lower	Upper	
122	100		
105	121.3	106.6	146.6
77	95.6	76.5	116.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.22 min Scan# 1926

Delta R.T. -0.01 min

Lab File: BP002711.D

Acq: 09 Jul 2020 23:03

Instrument :

BNA_P

ClientSampleId :

E3-41-COMP-1-FLOOR

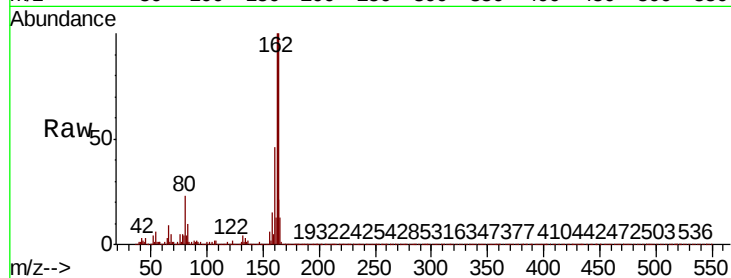
Tot Ion:164 Resp: 197716

Ion Ratio Lower Upper

164 100

162 100.4 80.3 120.5

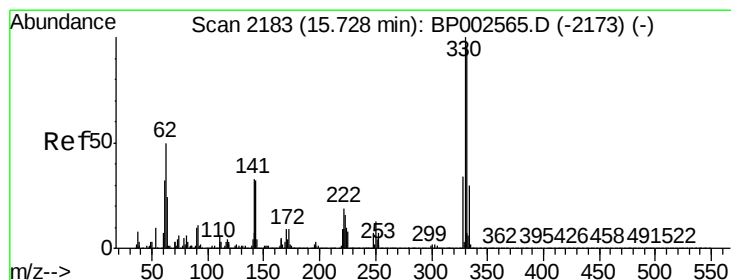
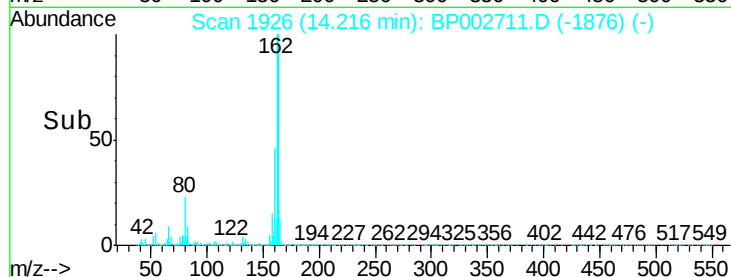
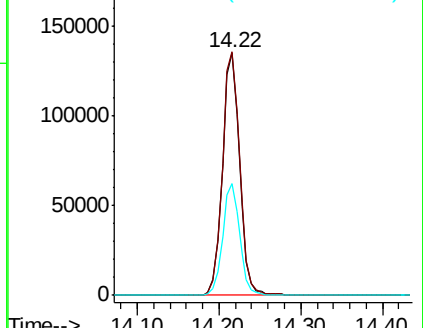
160 46.4 35.0 52.6



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



#42

2,4,6-Tribromophenol

Concen: 145.095 ng

RT: 15.72 min Scan# 2182

Delta R.T. -0.01 min

Lab File: BP002711.D

Acq: 09 Jul 2020 23:03

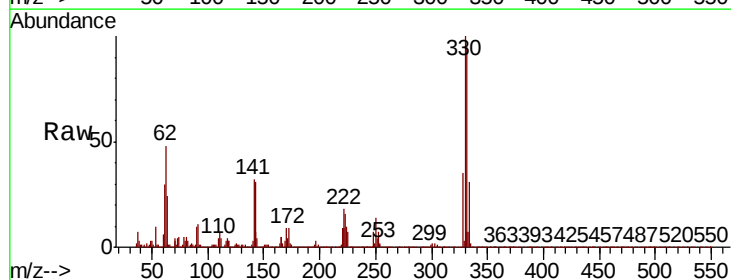
Tgt Ion:330 Resp: 348921

Ion Ratio Lower Upper

330 100

332 96.4 77.7 116.5

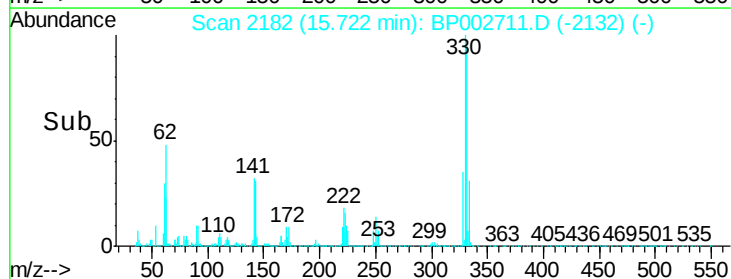
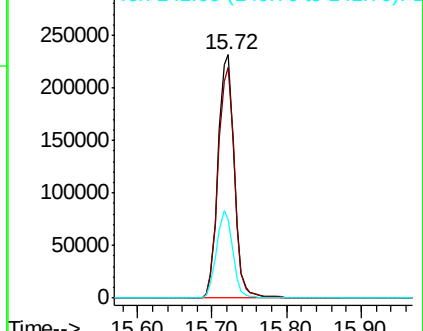
141 36.0 29.0 43.6

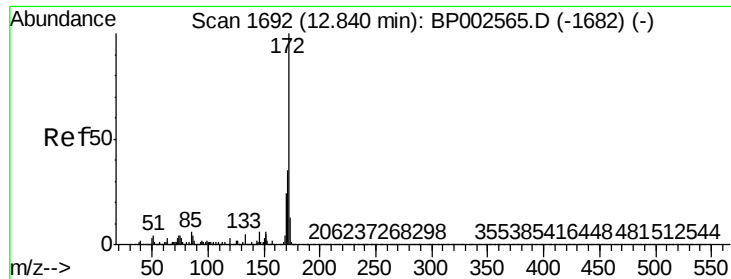


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

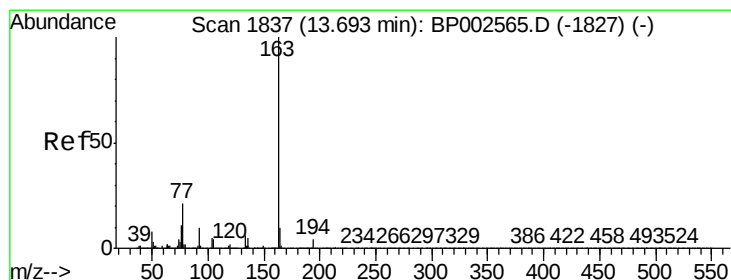
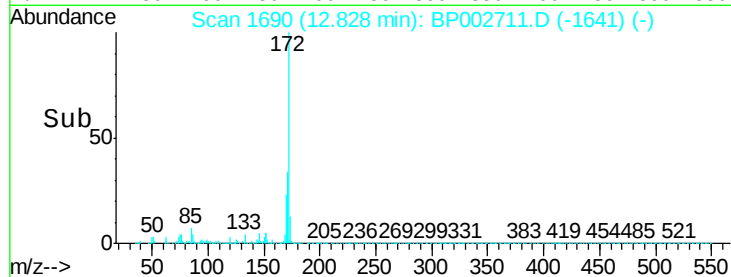
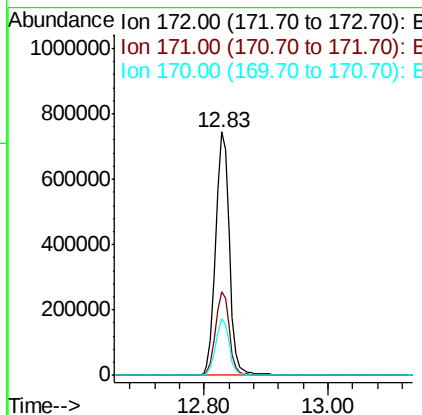
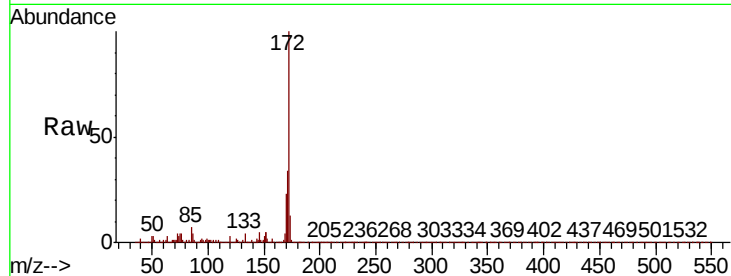




#45
2-Fluorobiphenyl
Concen: 84.584 ng
RT: 12.83 min Scan# 1690
Delta R.T. -0.01 min
Lab File: BP002711.D
Acq: 09 Jul 2020 23:03

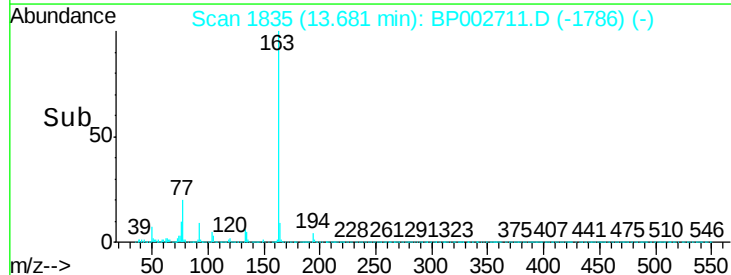
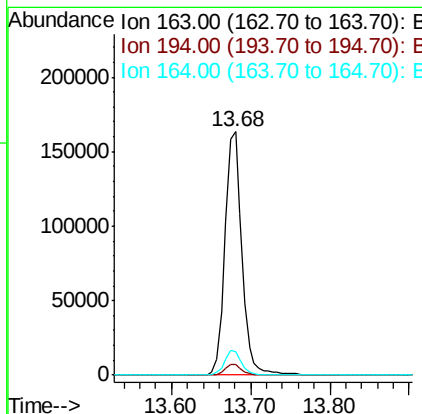
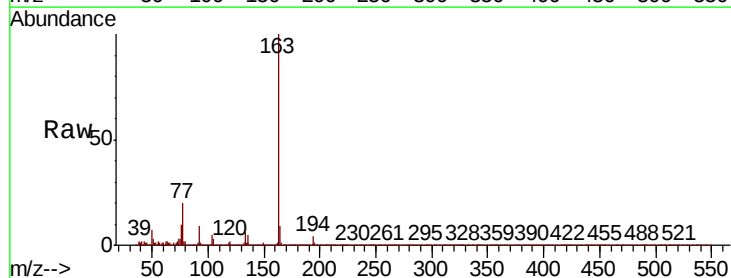
Instrument :
BNA_P
ClientSampleId :
E3-41-COMP-1-FLOOR

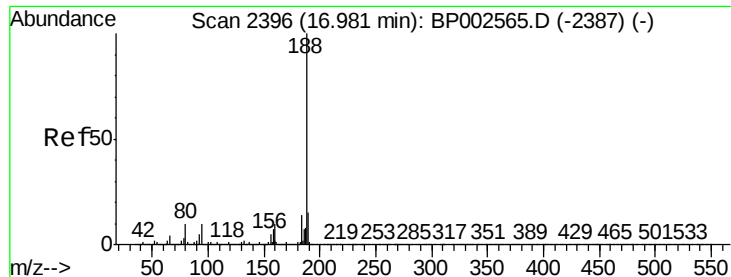
Tot Ion:172 Resp: 1136240
Ion Ratio Lower Upper
172 100
171 34.4 28.0 42.0
170 23.1 19.0 28.4



#50
Dimethylphthalate
Concen: 15.604 ng
RT: 13.68 min Scan# 1835
Delta R.T. -0.01 min
Lab File: BP002711.D
Acq: 09 Jul 2020 23:03

Tgt Ion:163 Resp: 242322
Ion Ratio Lower Upper
163 100
194 4.2 3.4 5.0
164 9.4 8.2 12.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.97 min Scan# 2395

Delta R.T. -0.01 min

Lab File: BP002711.D

Acq: 09 Jul 2020 23:03

Instrument :

BNA_P

ClientSampleId :

E3-41-COMP-1-FLOOR

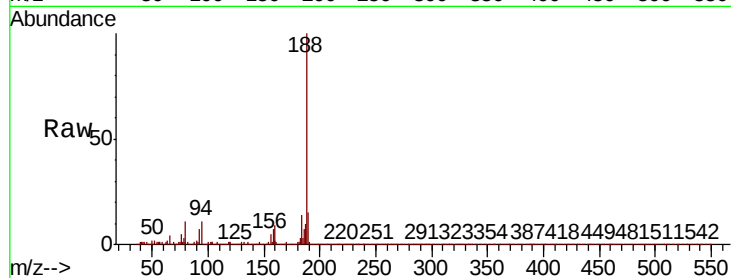
Tot Ion:188 Resp: 522718

Ion Ratio Lower Upper

188 100

94 11.1 7.8 11.6

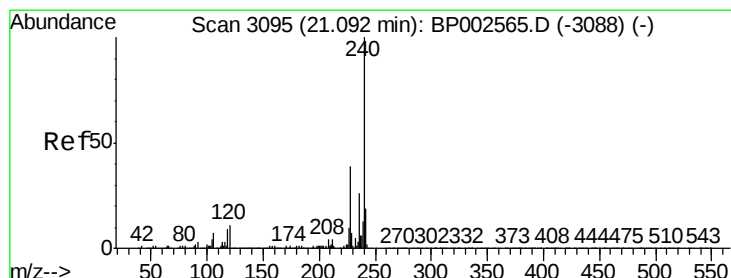
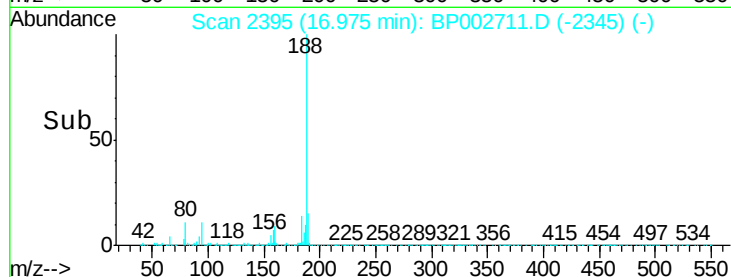
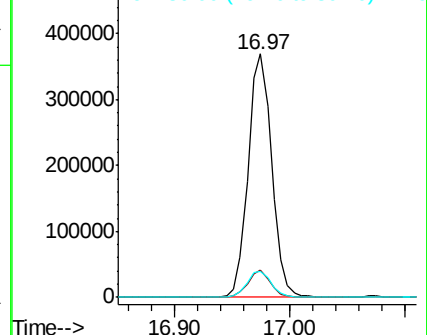
80 10.8 8.2 12.4



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BP0

Ion 80.00 (79.70 to 80.70): BP0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.08 min Scan# 3093

Delta R.T. -0.01 min

Lab File: BP002711.D

Acq: 09 Jul 2020 23:03

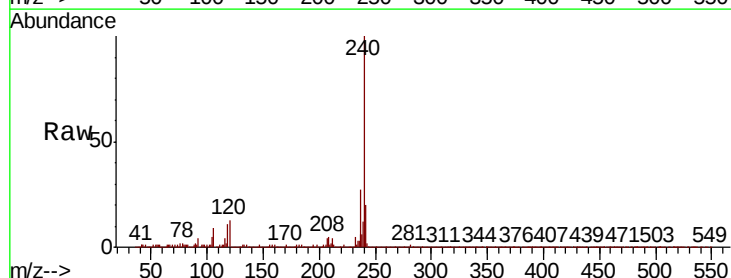
Tgt Ion:240 Resp: 729867

Ion Ratio Lower Upper

240 100

120 12.9 8.6 13.0

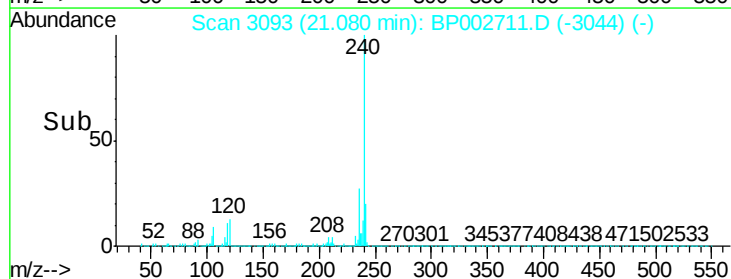
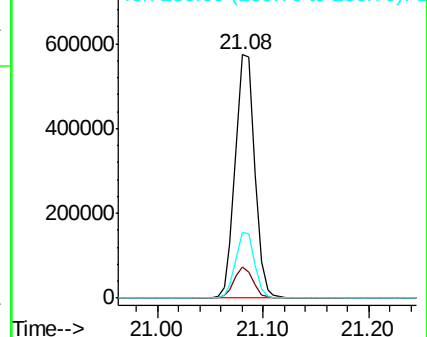
236 27.2 20.8 31.2

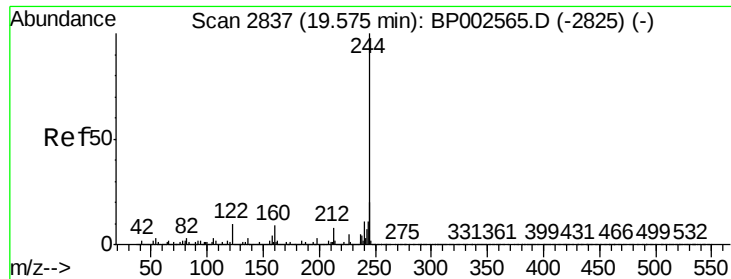


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 78.611 ng

RT: 19.56 min Scan# 2835

Delta R.T. -0.01 min

Lab File: BP002711.D

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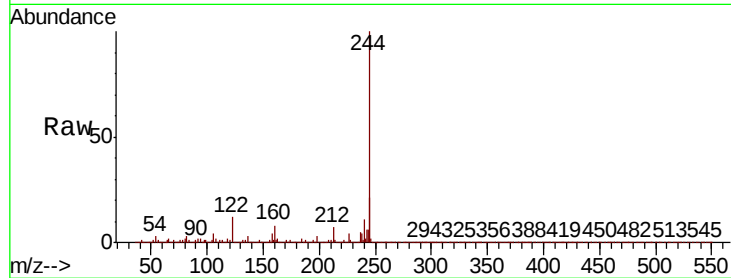
Tot Ion:244 Resp: 2658156

Ion Ratio Lower Upper

244 100

212 7.3 6.5 9.7

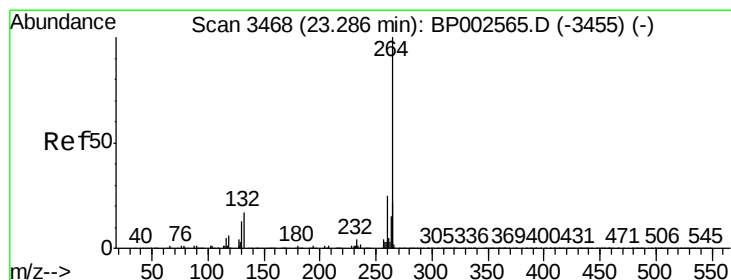
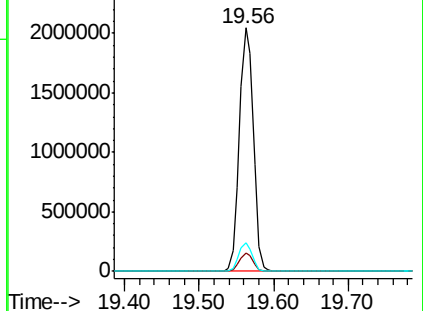
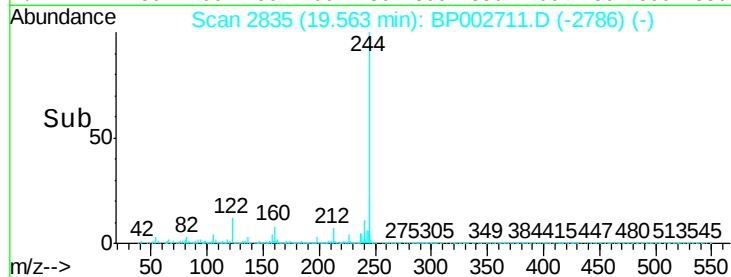
122 11.6 7.9 11.9



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.27 min Scan# 3466

Delta R.T. -0.01 min

Lab File: BP002711.D

Acq: 09 Jul 2020 23:03

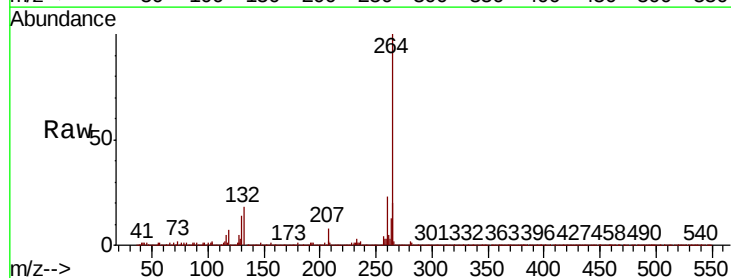
Tgt Ion:264 Resp: 923138

Ion Ratio Lower Upper

264 100

260 23.4 19.7 29.5

265 20.5 17.6 26.4



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

