

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM122018\
 Data File : BM018332.D
 Acq On : 20 Dec 2018 16:19
 Operator : JU/SJ
 Sample : J6446-12
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 P001-SS022-0006-01

Quant Time: Dec 21 01:25:25 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM121518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 15 21:39:37 2018
 Response via : Initial Calibration

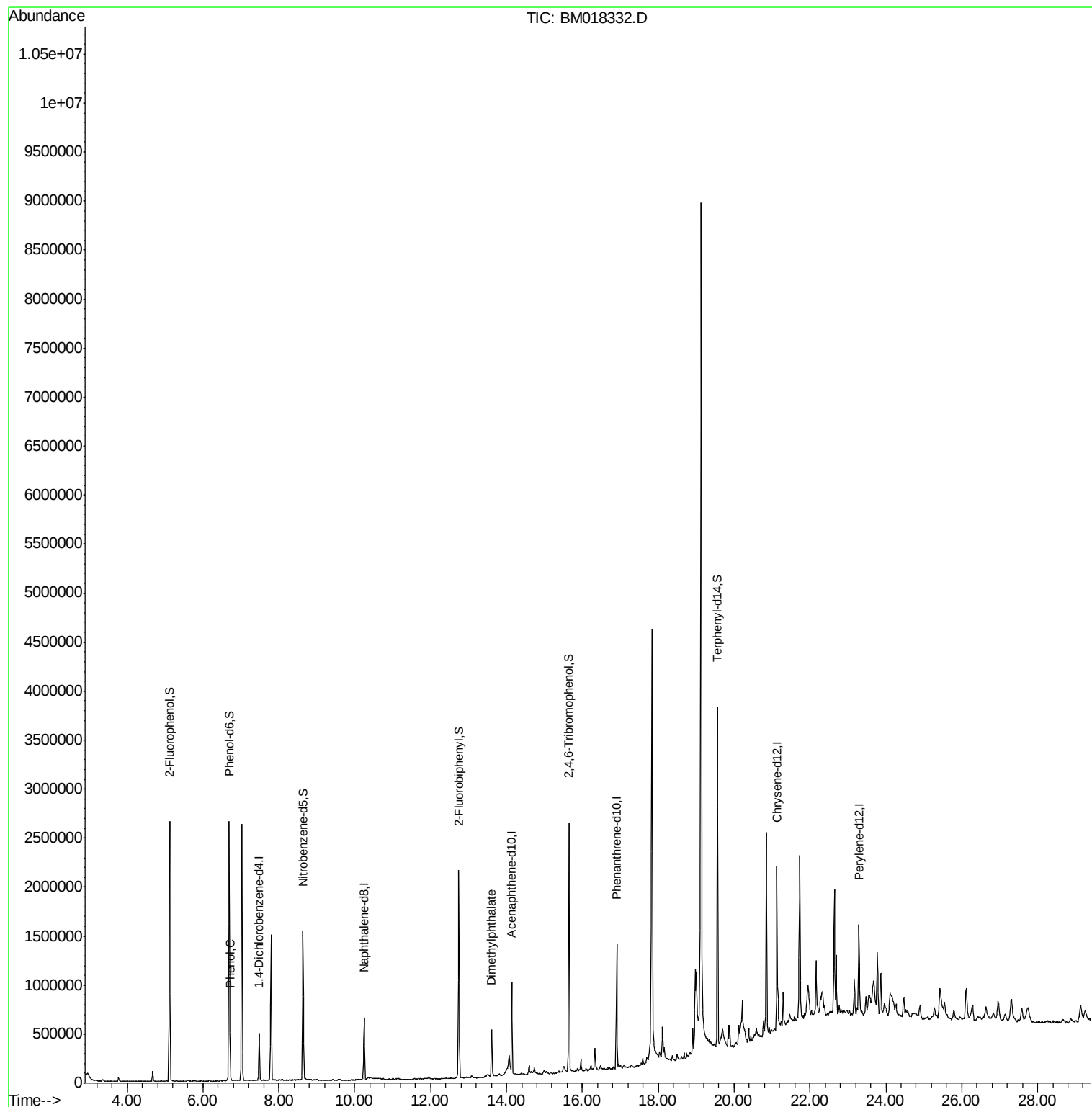
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.48	152	114056	20.00	ng	-0.02
21) Naphthalene-d8	10.25	136	475689	20.00	ng	-0.02
39) Acenaphthene-d10	14.14	164	293997	20.00	ng	-0.02
64) Phenanthrene-d10	16.90	188	687135	20.00	ng	-0.02
76) Chrysene-d12	21.13	240	715240	20.00	ng	-0.01
87) Perylene-d12	23.29	264	587186	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.12	112	1001112	146.62	ng	0.00
7) Phenol-d6	6.69	99	1414604	149.06	ng	-0.01
23) Nitrobenzene-d5	8.64	82	877625	94.63	ng	-0.02
42) 2,4,6-Tribromophenol	15.65	330	406913	94.30	ng	-0.02
45) 2-Fluorobiphenyl	12.75	172	983466	43.33	ng	-0.02
79) Terphenyl-d14	19.56	244	1414708	44.73	ng	-0.01
Target Compounds						
10) Phenol	6.72	94	83229	8.281	ng	93
50) Dimethylphthalate	13.61	163	273980	11.209	ng	97

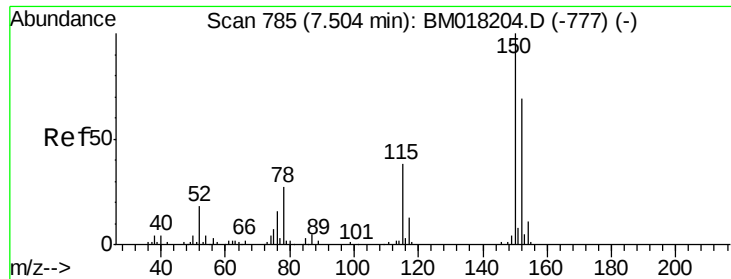
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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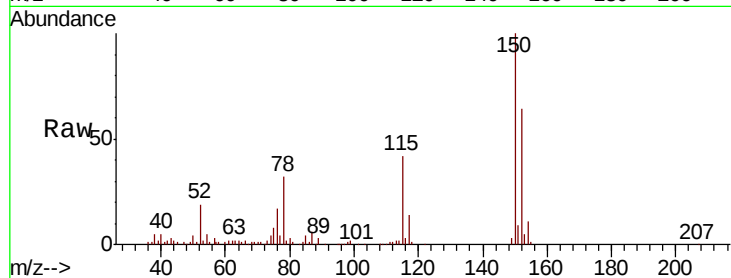


#1

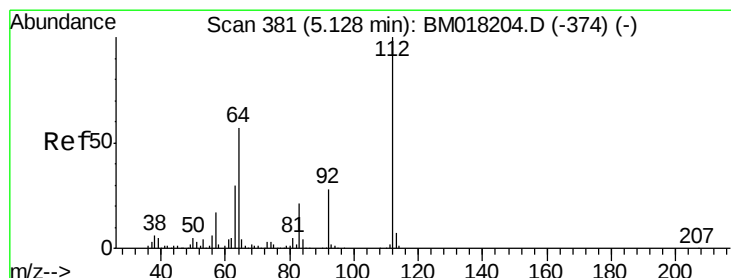
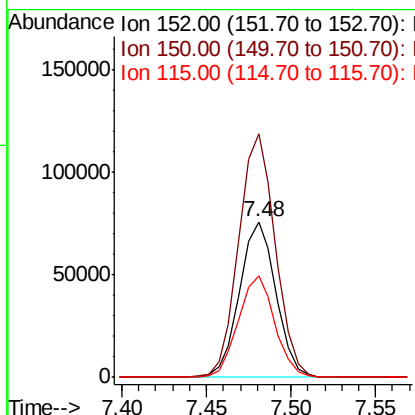
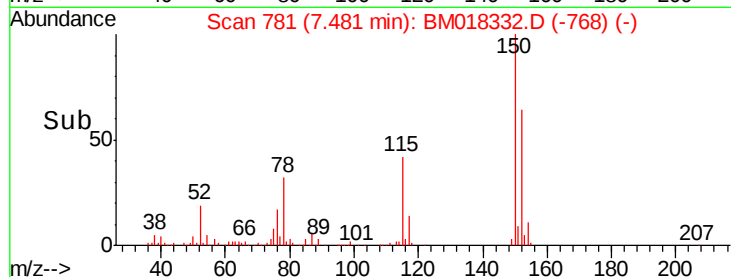
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.48 min Scan# 781
Delta R.T. -0.02 min
Lab File: BM018332.D
Acq: 20 Dec 2018 16:19

Instrument :
BNA_M
ClientSampleId :
P001-SS022-0006-01

Tgt Ion:152 Resp: 114056
Ion Ratio Lower Upper
152 100
150 156.2 116.1 174.1
115 65.5 44.6 67.0



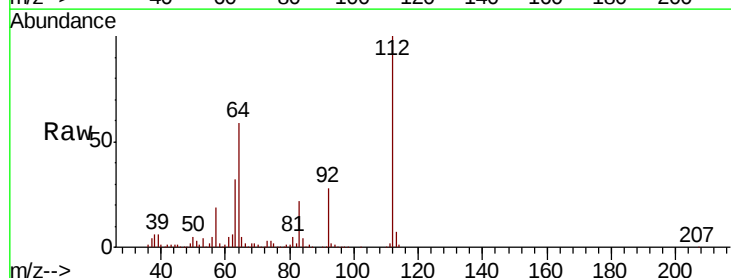
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



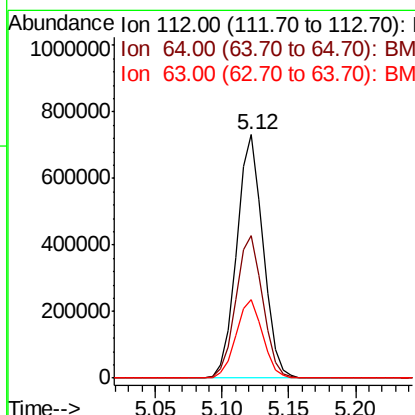
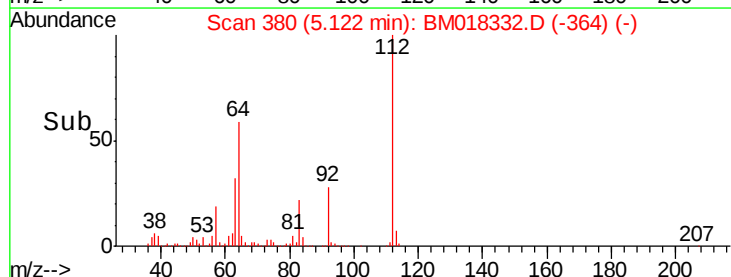
#5

2-Fluorophenol
Concen: 146.625 ng
RT: 5.12 min Scan# 380
Delta R.T. -0.01 min
Lab File: BM018332.D
Acq: 20 Dec 2018 16:19

Tgt Ion:112 Resp: 1001112
Ion Ratio Lower Upper
112 100
64 58.6 45.4 68.2
63 32.3 24.0 36.0



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BM0
Ion 63.00 (62.70 to 63.70): BM0





#7

Phenol-d6

Concen: 149.063 ng

RT: 6.69 min Scan# 647

Delta R.T. -0.01 min

Lab File: BM018332.D

Acq: 20 Dec 2018 16:19

Instrument :

BNA_M

ClientSampleId :

P001-SS022-0006-01

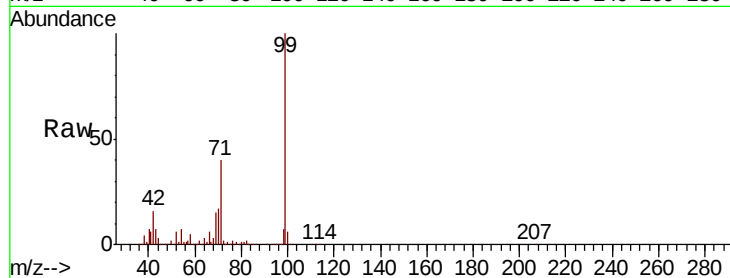
Tgt Ion: 99 Resp: 1414604

Ion Ratio Lower Upper

99 100

42 16.3 12.3 18.5

71 39.8 30.2 45.2

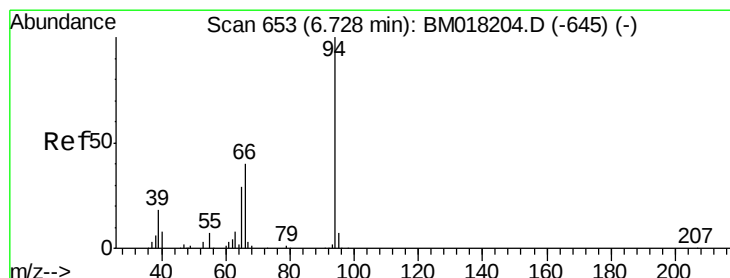
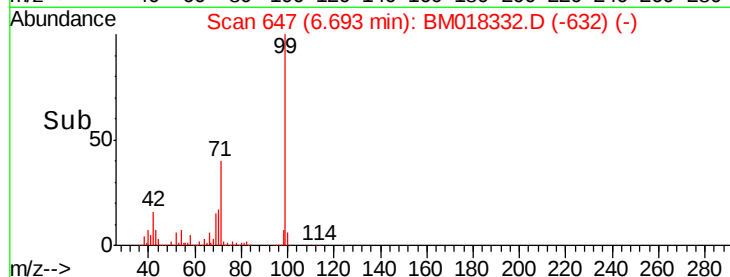
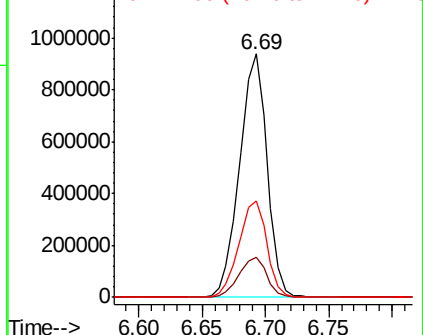


Abundance

Ion 99.00 (98.70 to 99.70): BM018332.D (-632) (-)

Ion 42.00 (41.70 to 42.70): BM018332.D (-632) (-)

Ion 71.00 (70.70 to 71.70): BM018332.D (-632) (-)



#10

Phenol

Concen: 8.281 ng

RT: 6.72 min Scan# 651

Delta R.T. -0.01 min

Lab File: BM018332.D

Acq: 20 Dec 2018 16:19

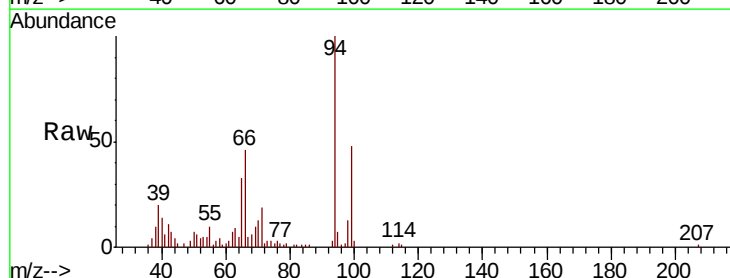
Tgt Ion: 94 Resp: 83229

Ion Ratio Lower Upper

94 100

65 32.8 9.5 49.5

66 46.3 21.3 61.3

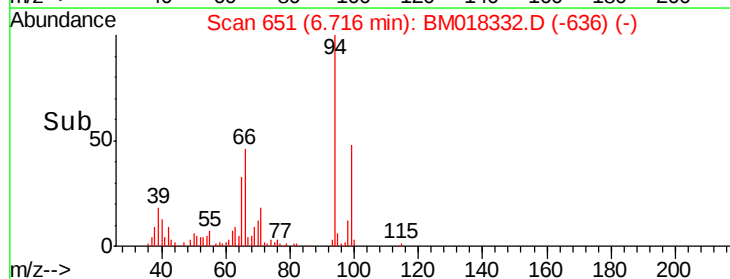
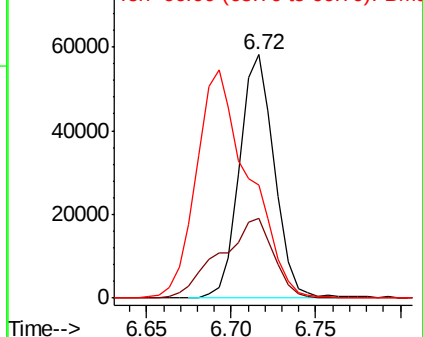


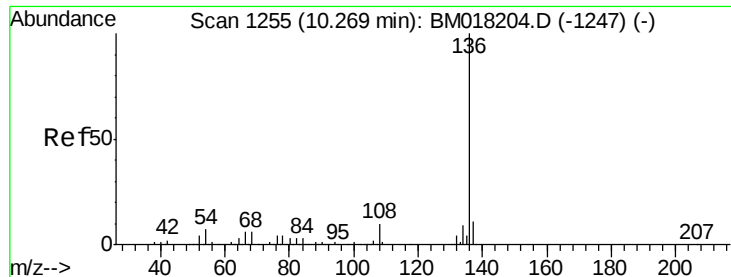
Abundance

Ion 94.00 (93.70 to 94.70): BM018332.D (-636) (-)

Ion 65.00 (64.70 to 65.70): BM018332.D (-636) (-)

Ion 66.00 (65.70 to 66.70): BM018332.D (-636) (-)

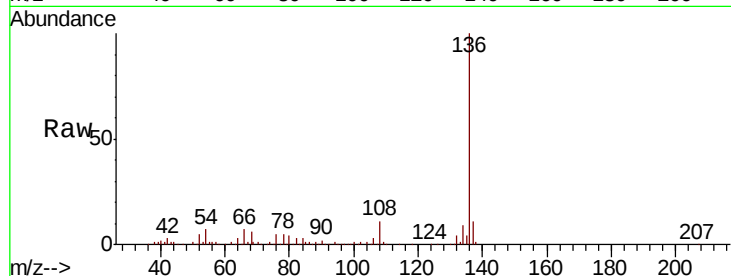




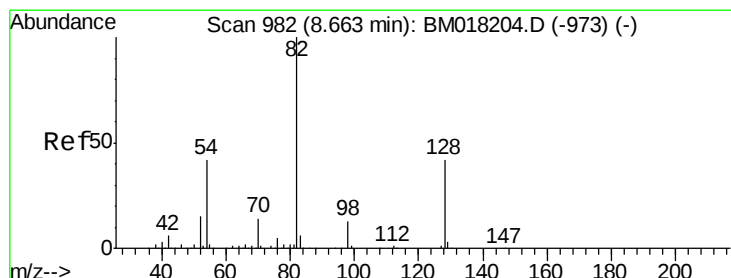
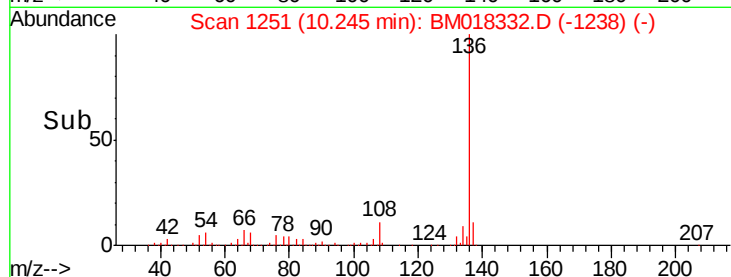
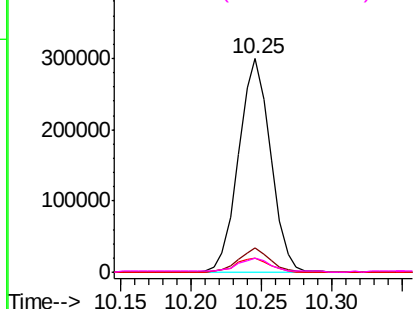
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.25 min Scan# 1251
Delta R.T. -0.02 min
Lab File: BM018332.D
Acq: 20 Dec 2018 16:19

Instrument :
BNA_M
ClientSampleId :
P001-SS022-0006-01

Tgt Ion:	136	Resp:	475689
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.2	13.8
54	6.6	5.2	7.8
68	6.4	5.0	7.6

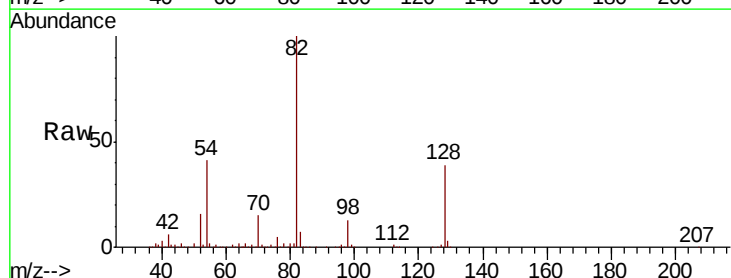


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM
Ion 68.00 (67.70 to 68.70): BM

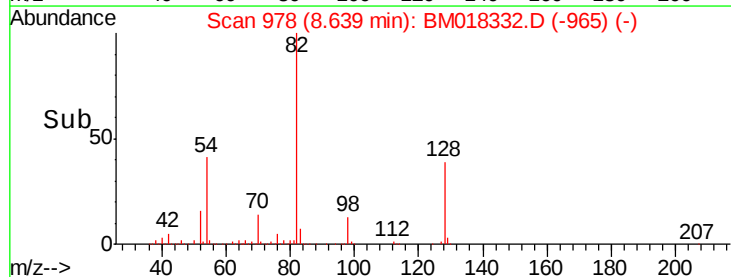
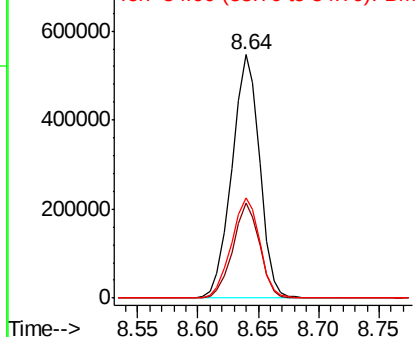


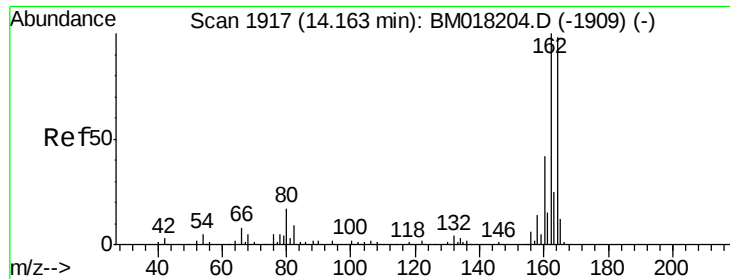
#23
Nitrobenzene-d5
Concen: 94.634 ng
RT: 8.64 min Scan# 978
Delta R.T. -0.02 min
Lab File: BM018332.D
Acq: 20 Dec 2018 16:19

Tgt Ion:	82	Resp:	877625
Ion	Ratio	Lower	Upper
82	100		
128	39.0	33.4	50.2
54	41.4	33.4	50.2



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.14 min Scan# 1913

Delta R.T. -0.02 min

Lab File: BM018332.D

Acq: 20 Dec 2018 16:19

Instrument :

BNA_M

ClientSampleId :

P001-SS022-0006-01

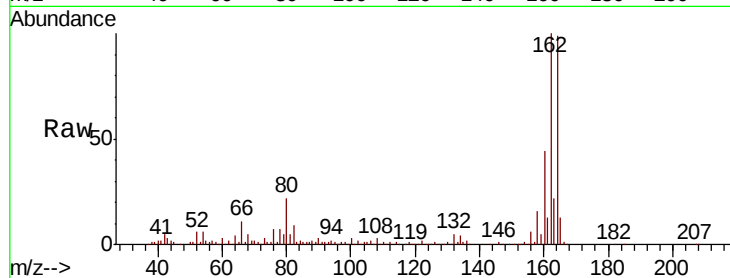
Tgt Ion:164 Resp: 293997

Ion Ratio Lower Upper

164 100

162 100.6 81.8 122.6

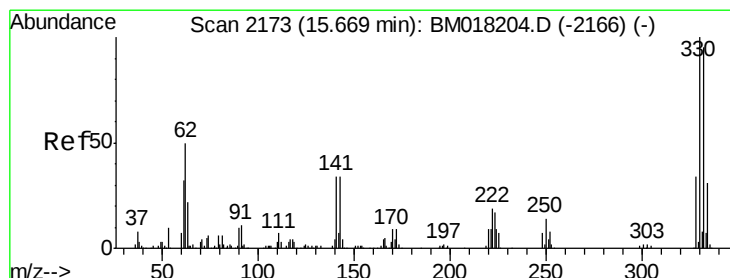
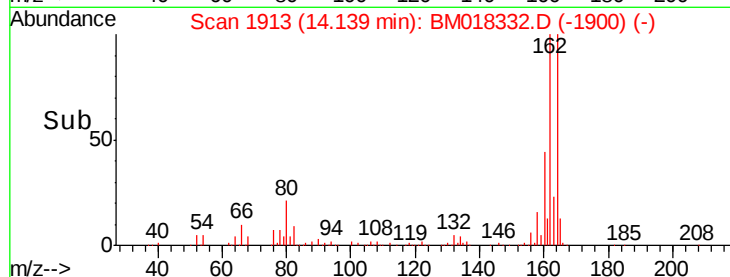
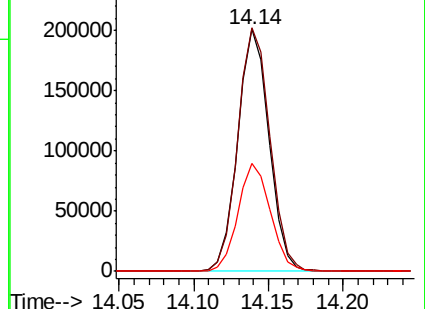
160 44.6 34.6 51.8



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: 94.301 ng

RT: 15.65 min Scan# 2170

Delta R.T. -0.02 min

Lab File: BM018332.D

Acq: 20 Dec 2018 16:19

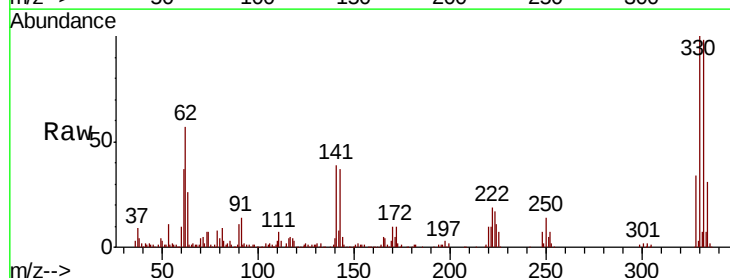
Tgt Ion:330 Resp: 406913

Ion Ratio Lower Upper

330 100

332 97.7 78.6 118.0

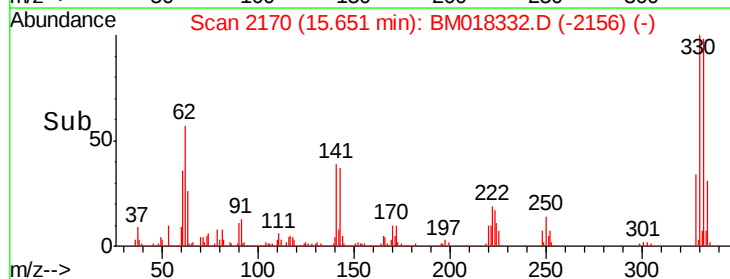
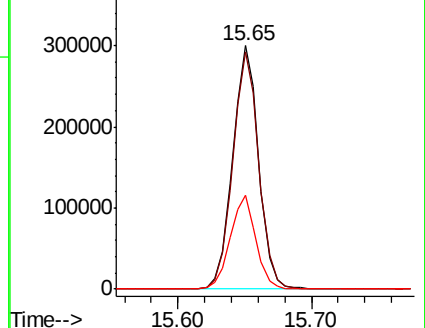
141 38.3 27.1 40.7

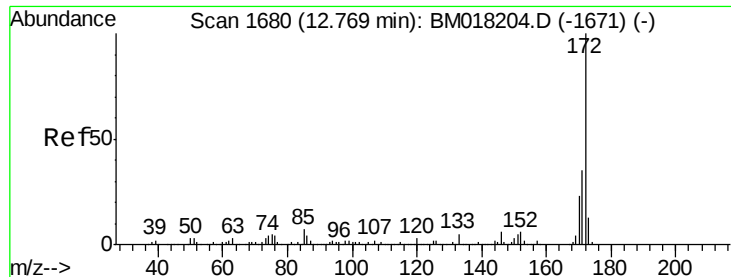


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

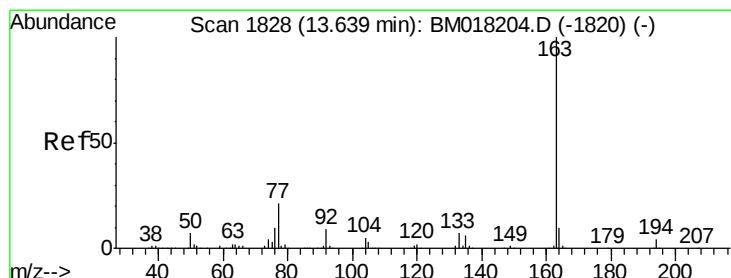
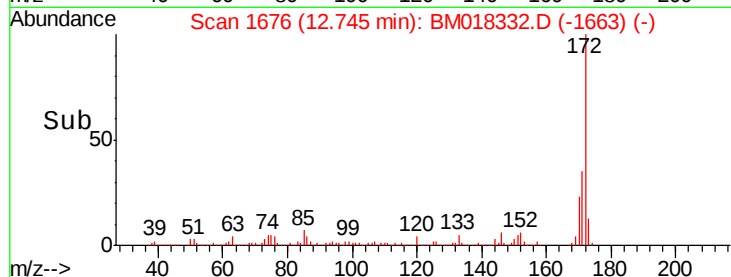
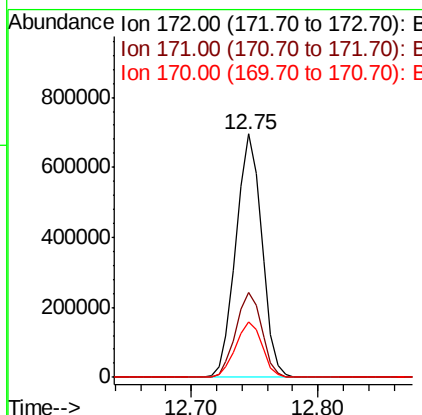
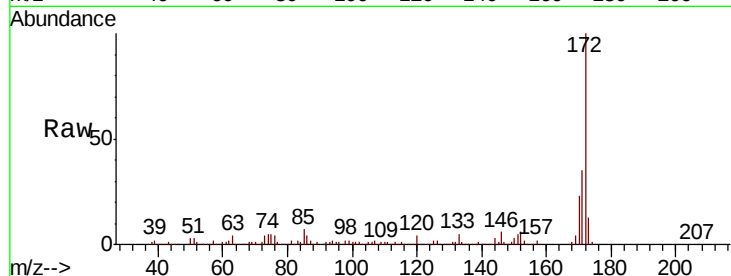




#45
 2-Fluorobiphenyl
 Concen: 43.328 ng
 RT: 12.75 min Scan# 1676
 Delta R.T. -0.02 min
 Lab File: BM018332.D
 Acq: 20 Dec 2018 16:19

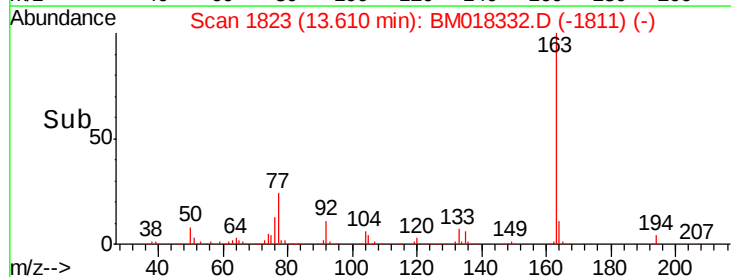
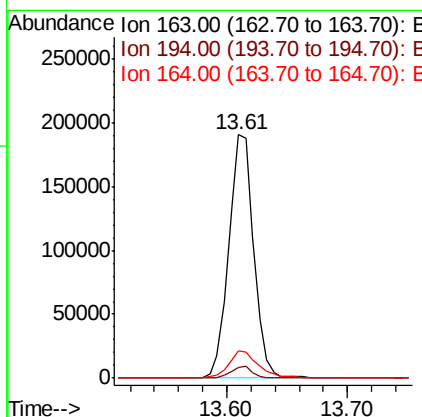
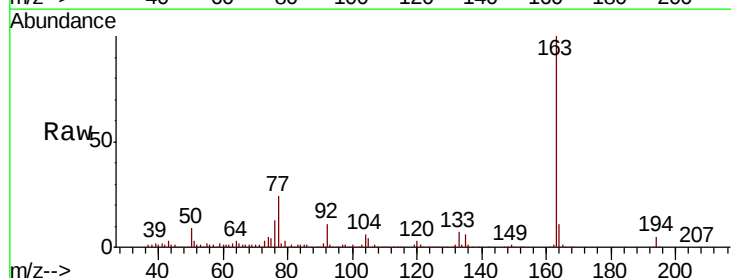
Instrument :
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 P001-SS022-0006-01

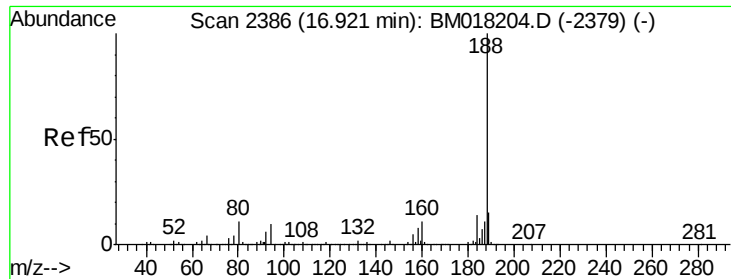
Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.7	28.3	42.5
170	22.8	18.1	27.1



#50
 Dimethylphthalate
 Concen: 11.209 ng
 RT: 13.61 min Scan# 1823
 Delta R.T. -0.03 min
 Lab File: BM018332.D
 Acq: 20 Dec 2018 16:19

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.1	4.7
164	11.0	7.9	11.9





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.90 min Scan# 2383

Delta R.T. -0.02 min

Lab File: BM018332.D

Acq: 20 Dec 2018 16:19

Instrument :

BNA_M

ClientSampleId :

P001-SS022-0006-01

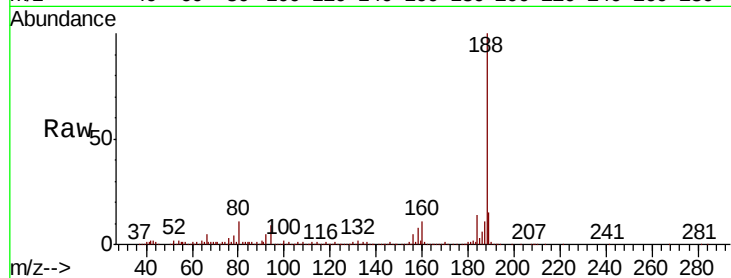
Tgt Ion:188 Resp: 687135

Ion Ratio Lower Upper

188 100

94 9.1 8.0 12.0

80 11.2 9.0 13.6



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0

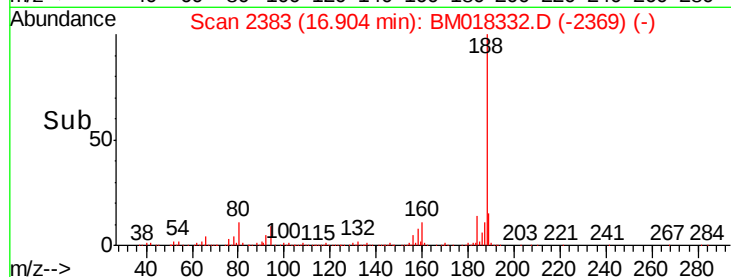
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400000

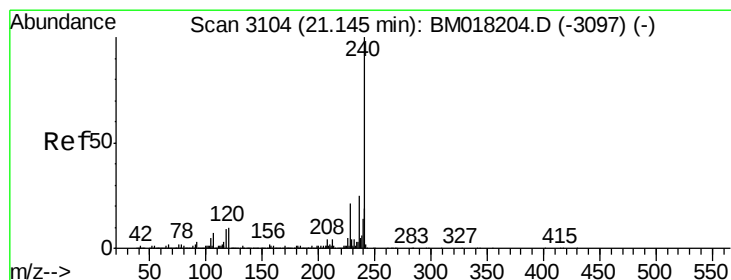
200000

0

Time-->



Time-->



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.13 min Scan# 3102

Delta R.T. -0.01 min

Lab File: BM018332.D

Acq: 20 Dec 2018 16:19

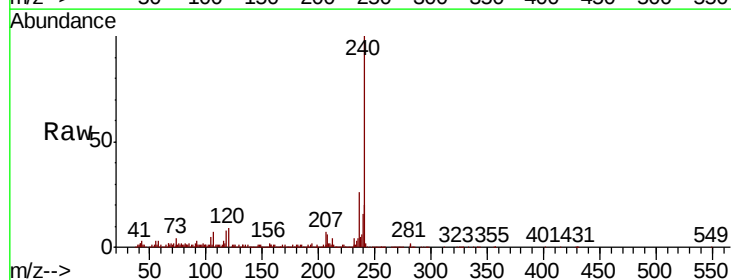
Tgt Ion:240 Resp: 715240

Ion Ratio Lower Upper

240 100

120 9.5 8.2 12.2

236 25.5 20.3 30.5



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

800000

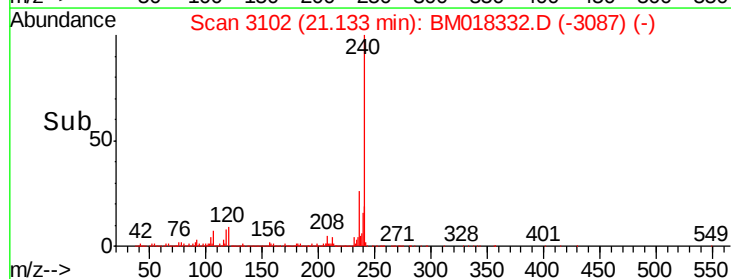
600000

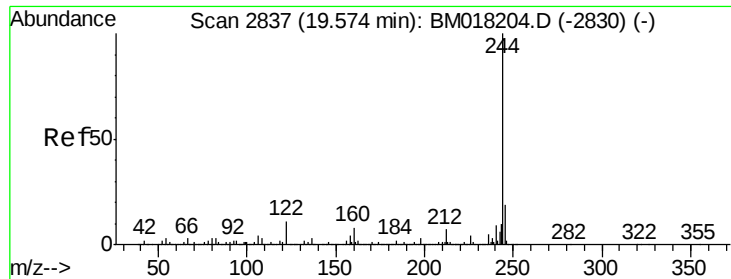
400000

200000

0

Time-->





#79

Terphenyl-d14

Concen: 44.734 ng

RT: 19.56 min Scan# 2835

Delta R.T. -0.01 min

Lab File: BM018332.D

Acq: 20 Dec 2018 16:19

Instrument :

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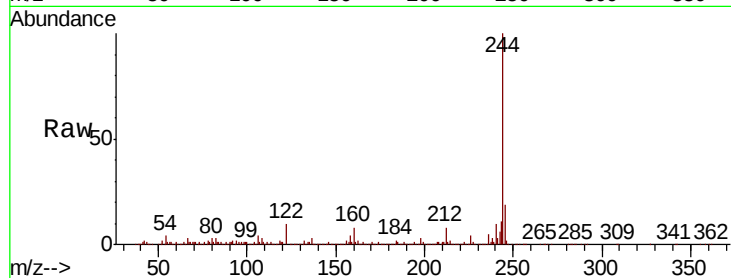
Tgt Ion:244 Resp: 1414708

Ion Ratio Lower Upper

244 100

212 7.6 5.8 8.8

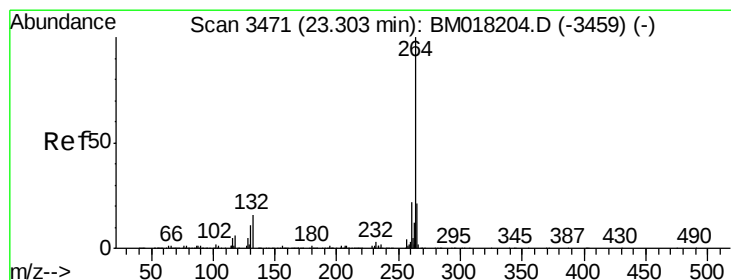
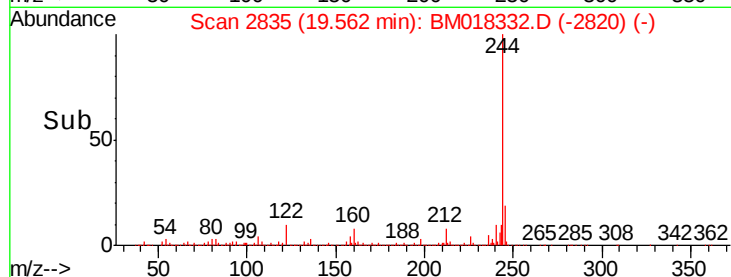
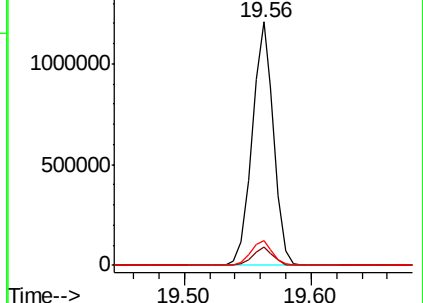
122 10.0 9.0 13.6



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 23.29 min Scan# 3469

Delta R.T. -0.01 min

Lab File: BM018332.D

Acq: 20 Dec 2018 16:19

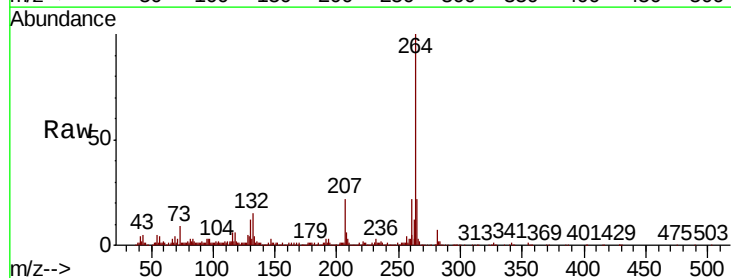
Tgt Ion:264 Resp: 587186

Ion Ratio Lower Upper

264 100

260 22.2 17.5 26.3

265 22.1 17.3 25.9



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

