

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011619\
 Data File : BM018586.D
 Acq On : 16 Jan 2019 16:50
 Operator : JU/SJ
 Sample : K1147-22
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP-8

Quant Time: Jan 17 01:17:22 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 10 05:57:41 2019
 Response via : Initial Calibration

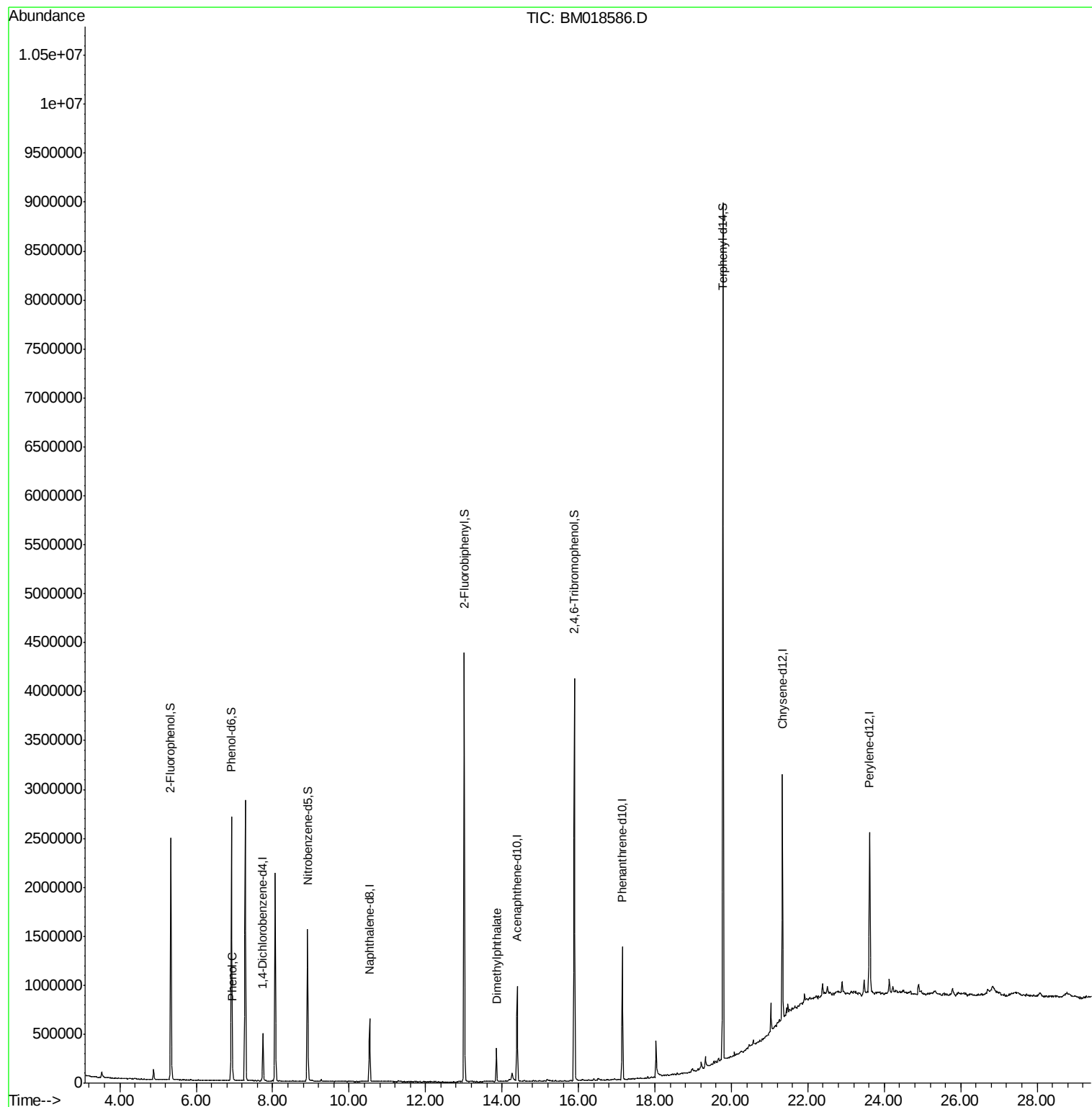
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	129616	20.00	ng	-0.02
21) Naphthalene-d8	10.54	136	546176	20.00	ng	-0.01
39) Acenaphthene-d10	14.39	164	324603	20.00	ng	-0.02
64) Phenanthrene-d10	17.14	188	785340	20.00	ng	-0.01
76) Chrysene-d12	21.34	240	1098041	20.00	ng	-0.01
87) Perylene-d12	23.61	264	1226434	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	1120400	159.61	ng	-0.01
7) Phenol-d6	6.92	99	1477792	165.75	ng	-0.01
23) Nitrobenzene-d5	8.91	82	874354	92.80	ng	-0.01
42) 2,4,6-Tribromophenol	15.89	330	758254	183.46	ng	-0.01
45) 2-Fluorobiphenyl	13.01	172	2280212	91.66	ng	-0.01
79) Terphenyl-d14	19.78	244	4134391	79.37	ng	0.00
Target Compounds						
10) Phenol	6.95	94	71595	7.902	ng	99
50) Dimethylphthalate	13.86	163	232492	8.721	ng	99

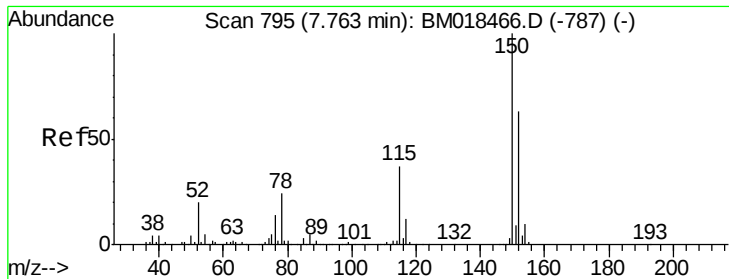
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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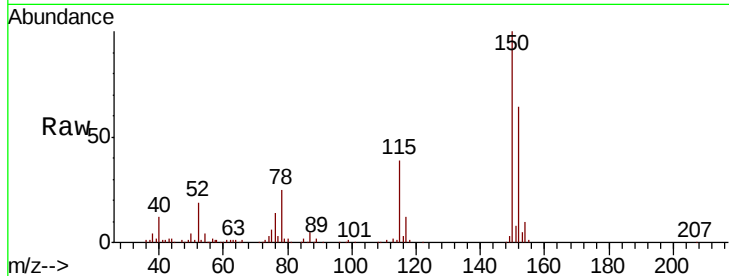


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.75 min Scan# 792
Delta R.T. -0.02 min
Lab File: BM018586.D
Acq: 16 Jan 2019 16:50

Instrument :
BNA_M
ClientSampleId :
TP-8

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.2	126.9	190.3
115	59.8	45.5	68.3

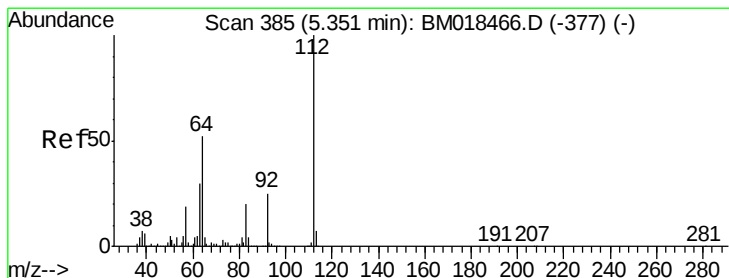
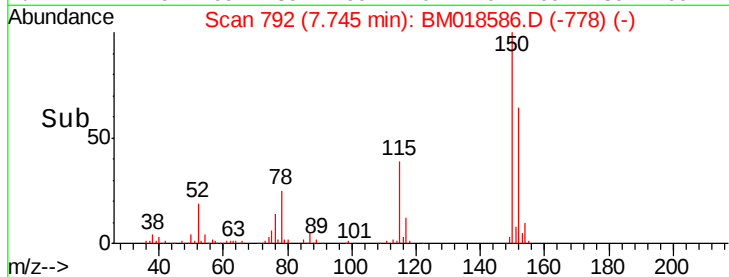
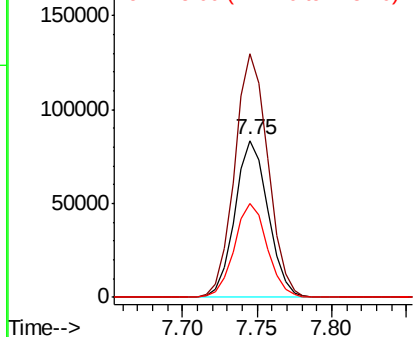


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

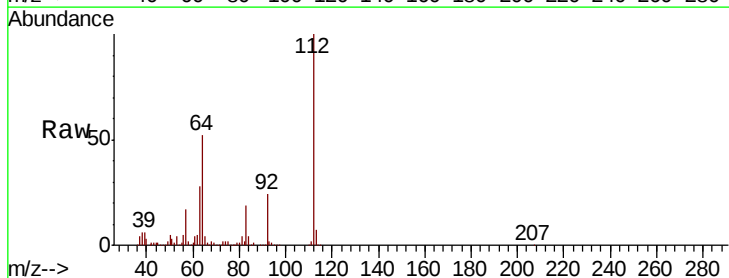
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 159.611 ng
RT: 5.34 min Scan# 383
Delta R.T. -0.01 min
Lab File: BM018586.D
Acq: 16 Jan 2019 16:50

Tgt Ion	Ratio	Lower	Upper
112	100		
64	51.7	46.5	69.7
63	28.3	25.2	37.8

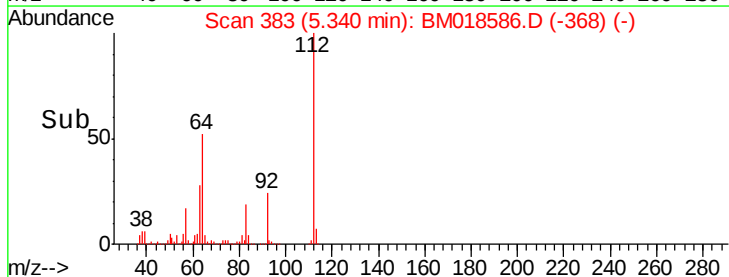
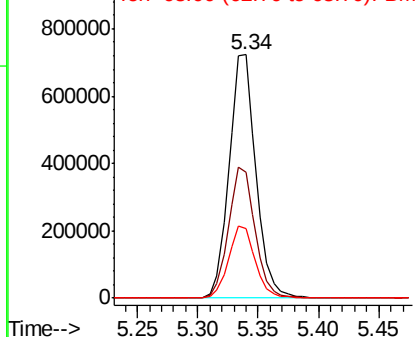


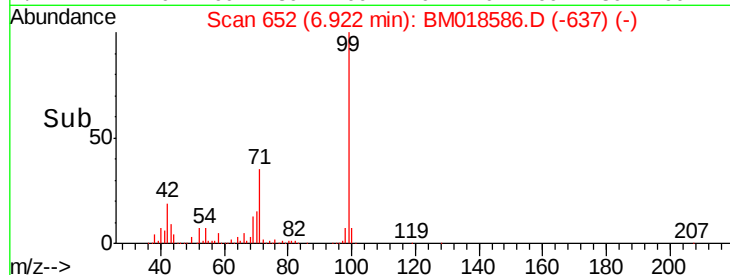
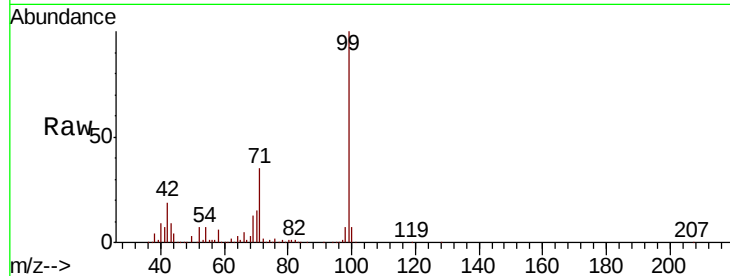
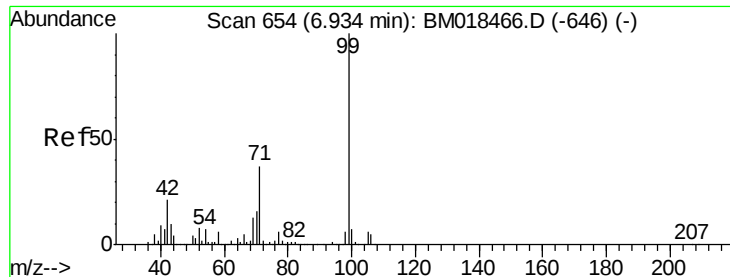
Abundance

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: 165.752 ng

RT: 6.92 min Scan# 652

Delta R.T. -0.01 min

Lab File: BM018586.D

Acq: 16 Jan 2019 16:50

Instrument :

BNA_M

ClientSampleId :

TP-8

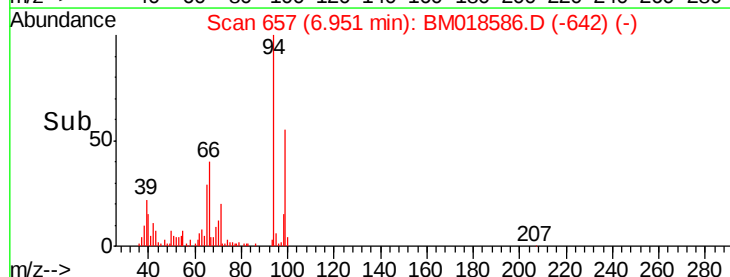
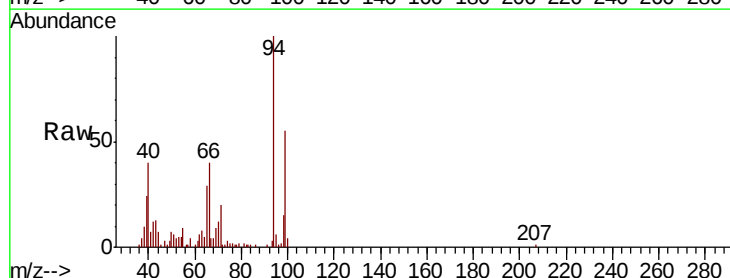
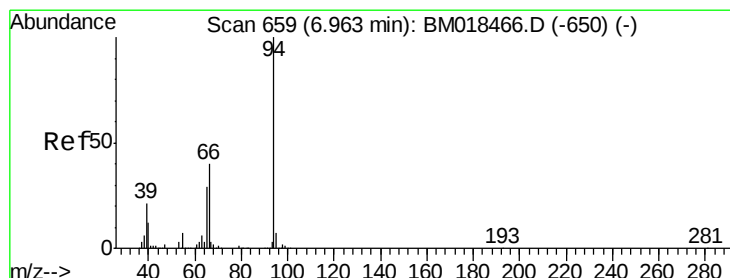
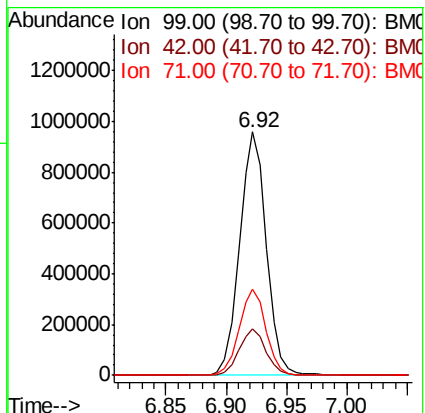
Tot Ion: 99 Resp: 1477792

Ion Ratio Lower Upper

99 100

42 19.1 17.3 25.9

71 35.3 28.0 42.0



#10

Phenol

Concen: 7.902 ng

RT: 6.95 min Scan# 657

Delta R.T. -0.01 min

Lab File: BM018586.D

Acq: 16 Jan 2019 16:50

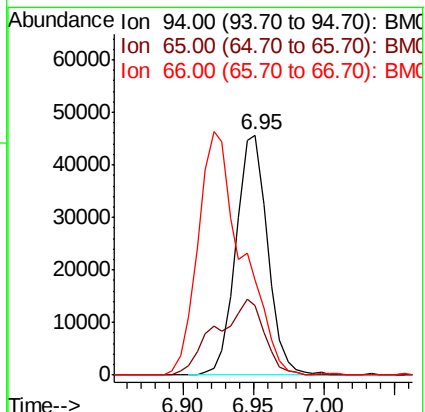
Tgt Ion: 94 Resp: 71595

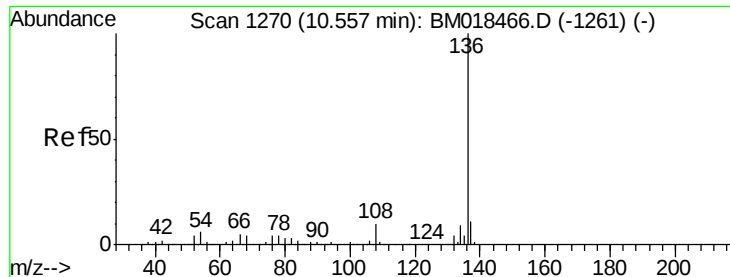
Ion Ratio Lower Upper

94 100

65 29.0 9.4 49.4

66 39.7 19.1 59.1

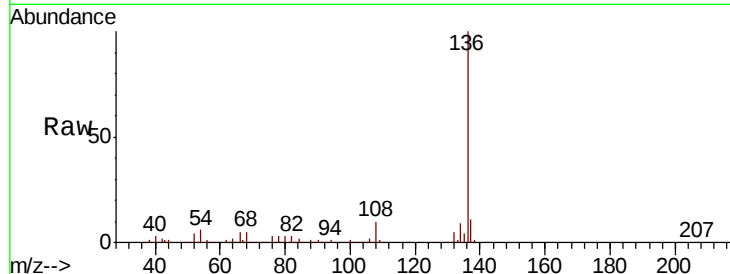




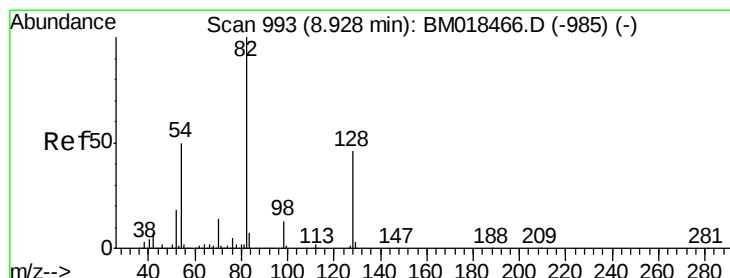
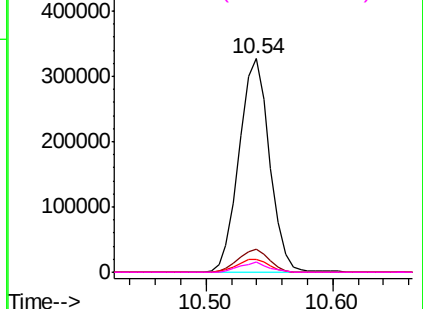
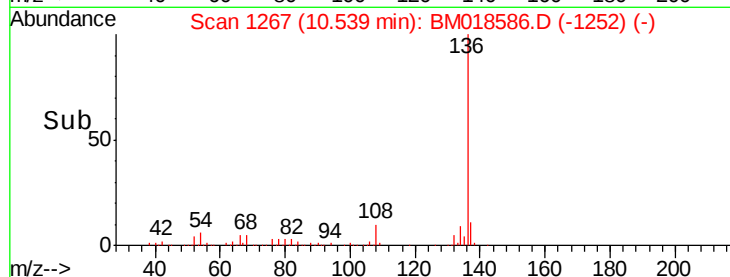
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.54 min Scan# 1267
Delta R.T. -0.01 min
Lab File: BM018586.D
Acq: 16 Jan 2019 16:50

Instrument :
BNA_M
ClientSampled :
TP-8

Tot Ion:136	Resp:	546176
Ion Ratio	Lower	Upper
136	100	
137	10.7	8.5 12.7
54	6.1	6.0 9.0
68	4.5	4.5 6.7

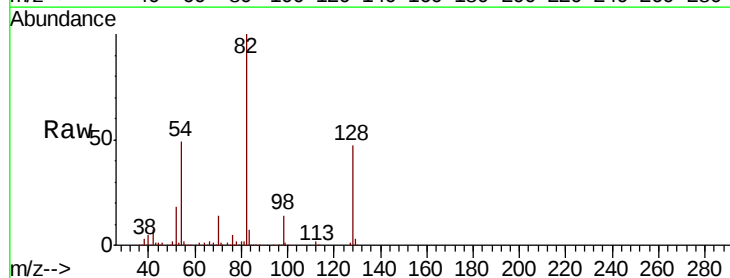


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM
Ion 68.00 (67.70 to 68.70): BM

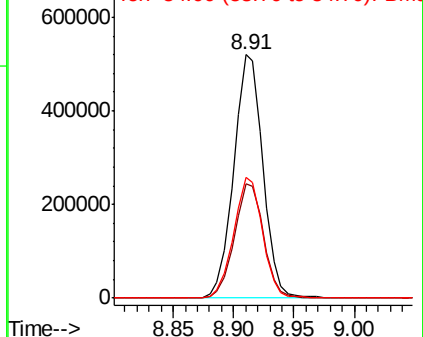
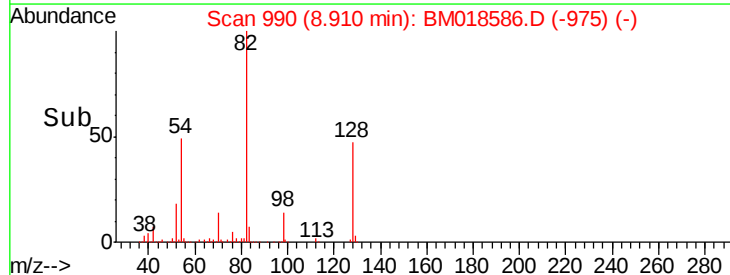


#23
Nitrobenzene-d5
Concen: 92.804 ng
RT: 8.91 min Scan# 990
Delta R.T. -0.01 min
Lab File: BM018586.D
Acq: 16 Jan 2019 16:50

Tgt Ion: 82	Resp:	874354
Ion Ratio	Lower	Upper
82	100	
128	47.0	36.3 54.5
54	49.5	41.7 62.5



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

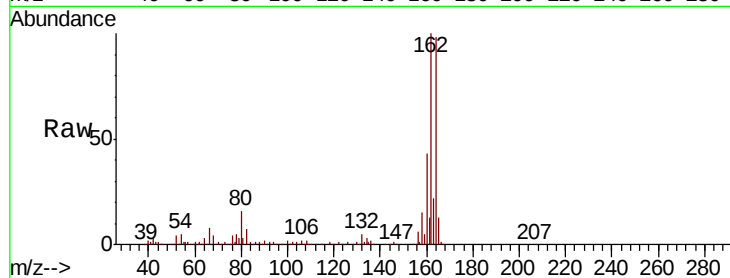




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.39 min Scan# 1922
Delta R.T. -0.02 min
Lab File: BM018586.D
Acq: 16 Jan 2019 16:50

Instrument :
BNA_M
ClientSampleId :
TP-8

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.8	83.0	124.4
160	44.3	37.1	55.7

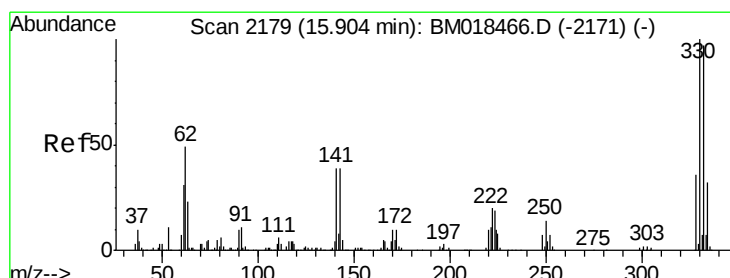
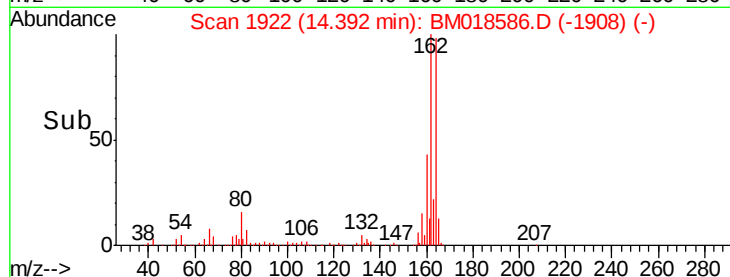
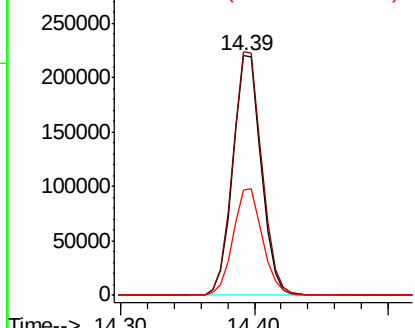


Abundance

Ion 164.00 (163.70 to 164.70): E

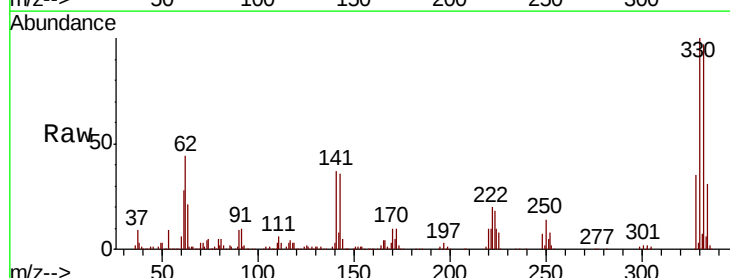
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42
2,4,6-Tribromophenol
Concen: 183.459 ng
RT: 15.89 min Scan# 2177
Delta R.T. -0.01 min
Lab File: BM018586.D
Acq: 16 Jan 2019 16:50

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.6	116.4
141	37.3	31.7	47.5

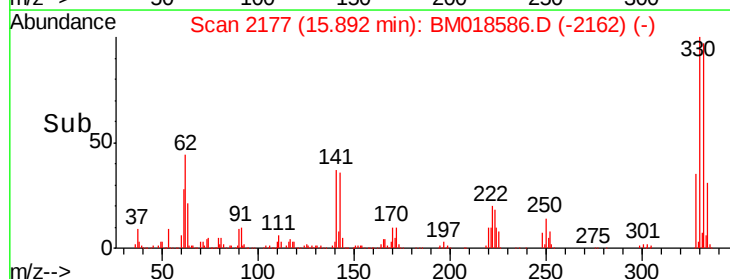
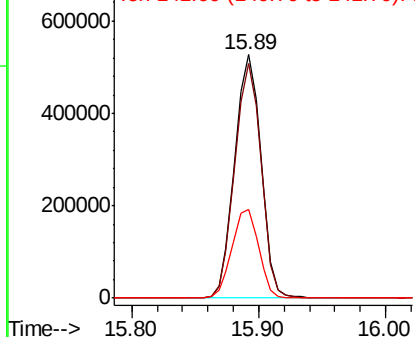


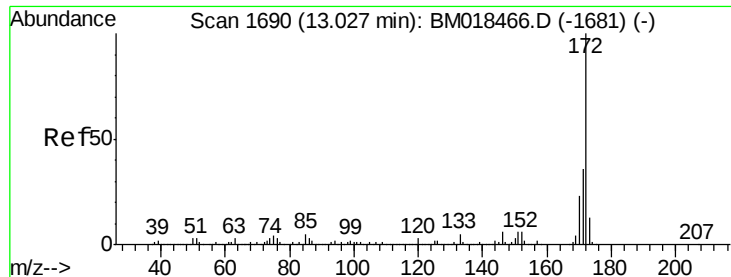
Abundance

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



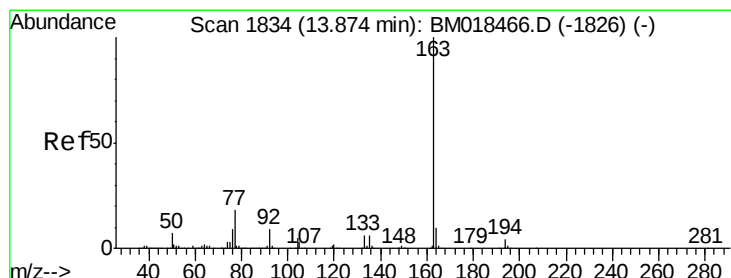
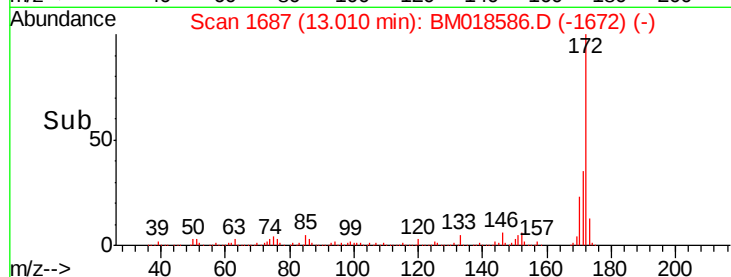
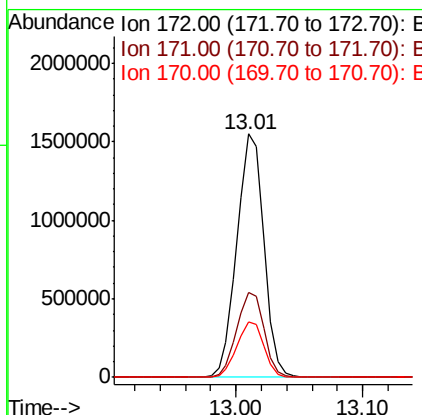
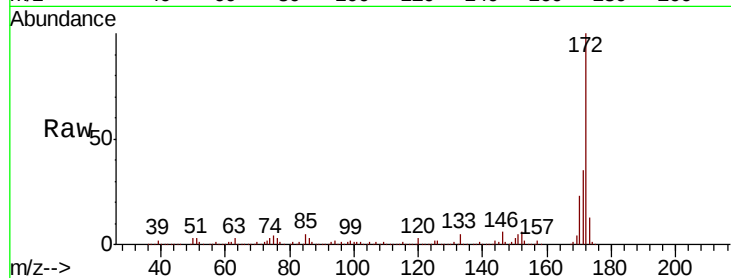


#45
2-Fluorobiphenyl
Concen: 91.662 ng
RT: 13.01 min Scan# 1687
Delta R.T. -0.01 min
Lab File: BM018586.D
Acq: 16 Jan 2019 16:50

Instrument :
BNA_M
ClientSampleId :
TP-8

Tot Ion:172 Resp: 2280212

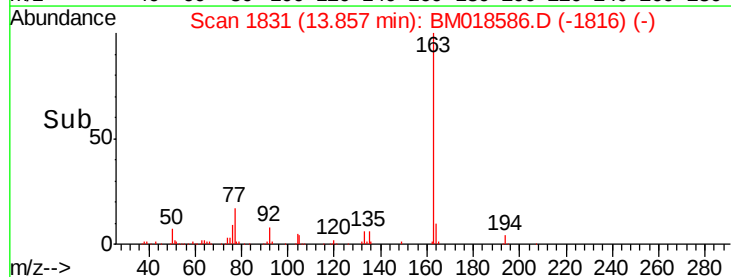
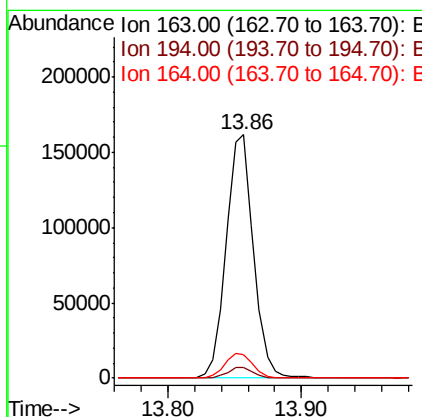
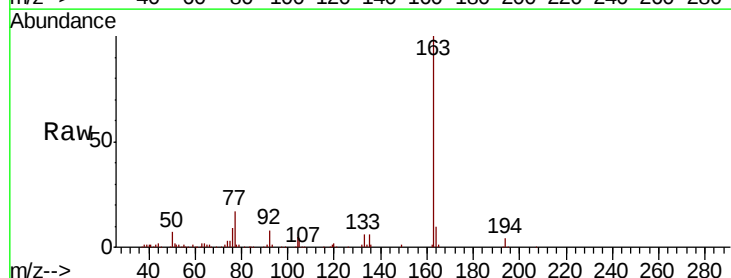
Ion	Ratio	Lower	Upper
172	100		
171	34.6	28.2	42.4
170	22.9	18.9	28.3

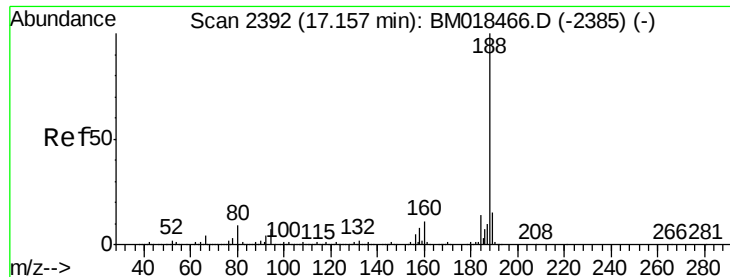


#50
Dimethylphthalate
Concen: 8.721 ng
RT: 13.86 min Scan# 1831
Delta R.T. -0.01 min
Lab File: BM018586.D
Acq: 16 Jan 2019 16:50

Tgt Ion:163 Resp: 232492

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.0	4.6
164	9.7	7.8	11.8

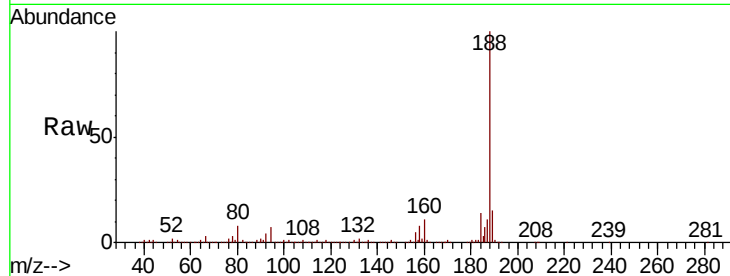




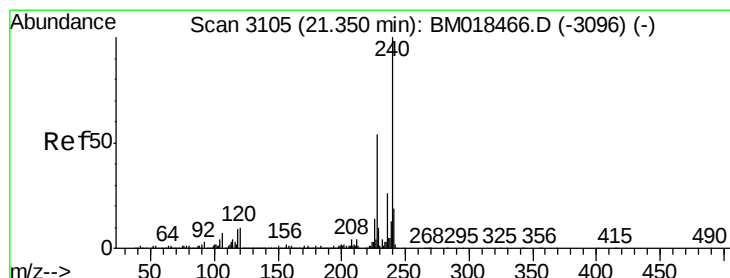
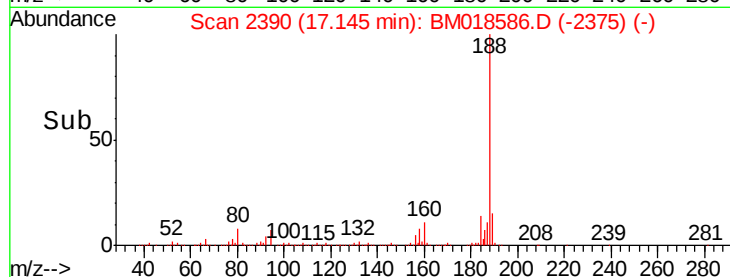
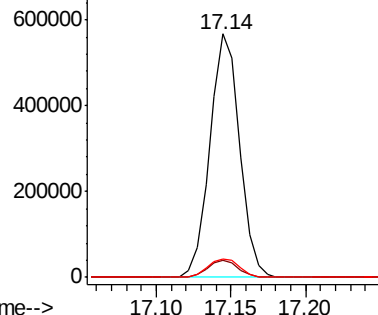
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.14 min Scan# 2390
Delta R.T. -0.01 min
Lab File: BM018586.D
Acq: 16 Jan 2019 16:50

Instrument :
BNA_M
ClientSampleId :
TP-8

Tot Ion	Ratio	Lower	Upper
188	100		
94	7.1	7.1	10.7
80	7.6	7.6	11.4

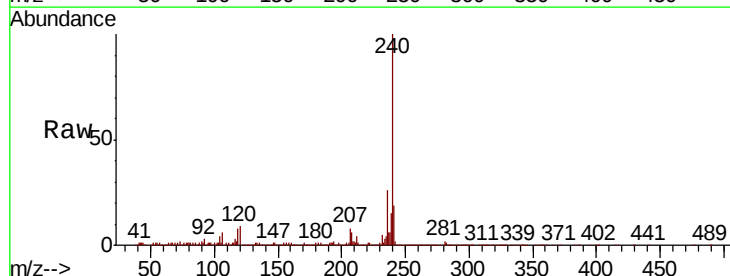


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM
Ion 80.00 (79.70 to 80.70): BM

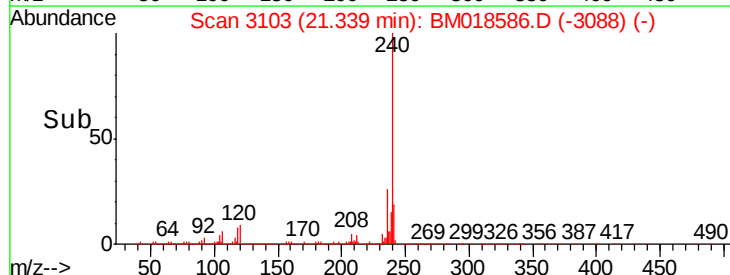
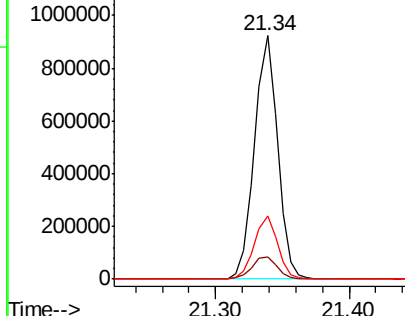


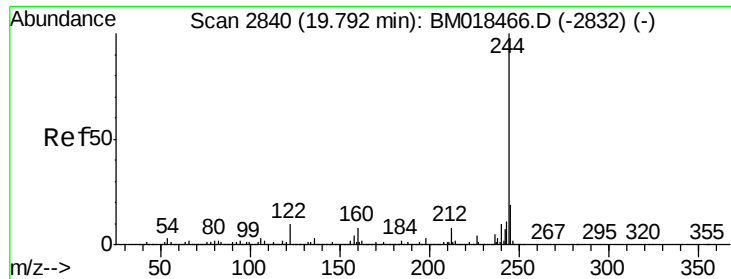
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.34 min Scan# 3103
Delta R.T. -0.01 min
Lab File: BM018586.D
Acq: 16 Jan 2019 16:50

Tgt Ion	Ratio	Lower	Upper
240	100		
120	8.9	8.4	12.6
236	26.0	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





#79

Terphenyl-d14

Concen: 79.373 ng

RT: 19.78 min Scan# 2838

Delta R.T. -0.01 min

Lab File: BM018586.D

Acq: 16 Jan 2019 16:50

Instrument :

BNA_M

ClientSampleId :

TP-8

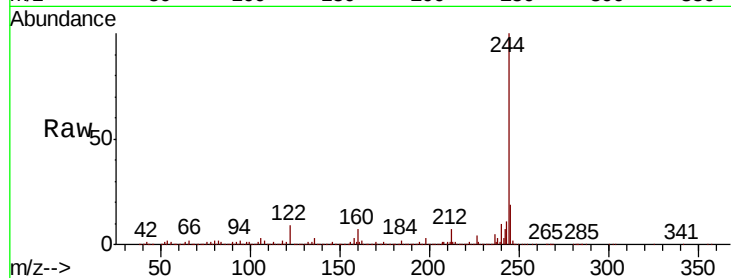
Tot Ion:244 Resp: 4134391

Ion Ratio Lower Upper

244 100

212 7.4 5.9 8.9

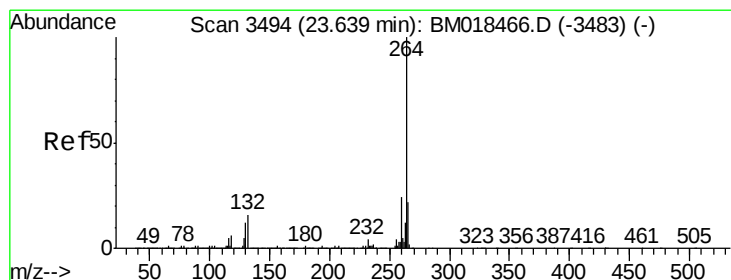
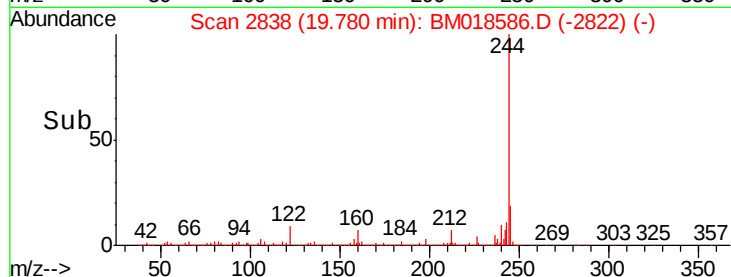
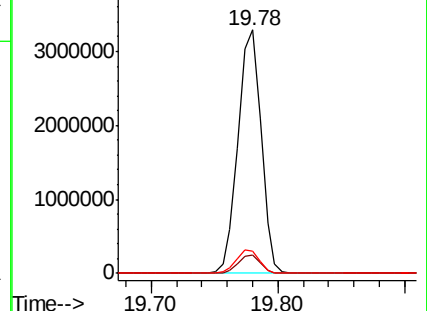
122 8.9 9.0 13.4#



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: 23.61 min Scan# 3490

Delta R.T. -0.02 min

Lab File: BM018586.D

Acq: 16 Jan 2019 16:50

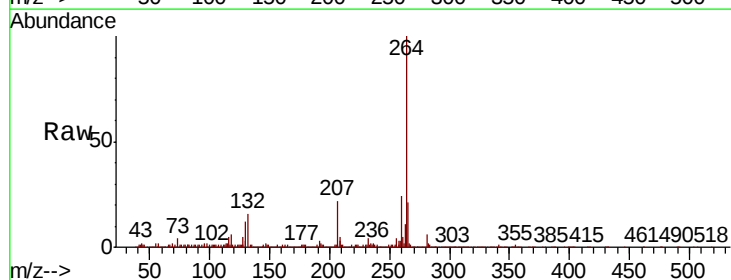
Tgt Ion:264 Resp: 1226434

Ion Ratio Lower Upper

264 100

260 23.7 18.9 28.3

265 21.4 16.8 25.2



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

