

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031120\
 Data File : BF119364.D
 Acq On : 12 Mar 2020 00:10
 Operator : CG/JU
 Sample : L1874-17
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 C-9

Quant Time: Mar 12 07:33:47 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 06 23:38:46 2020
 Response via : Initial Calibration

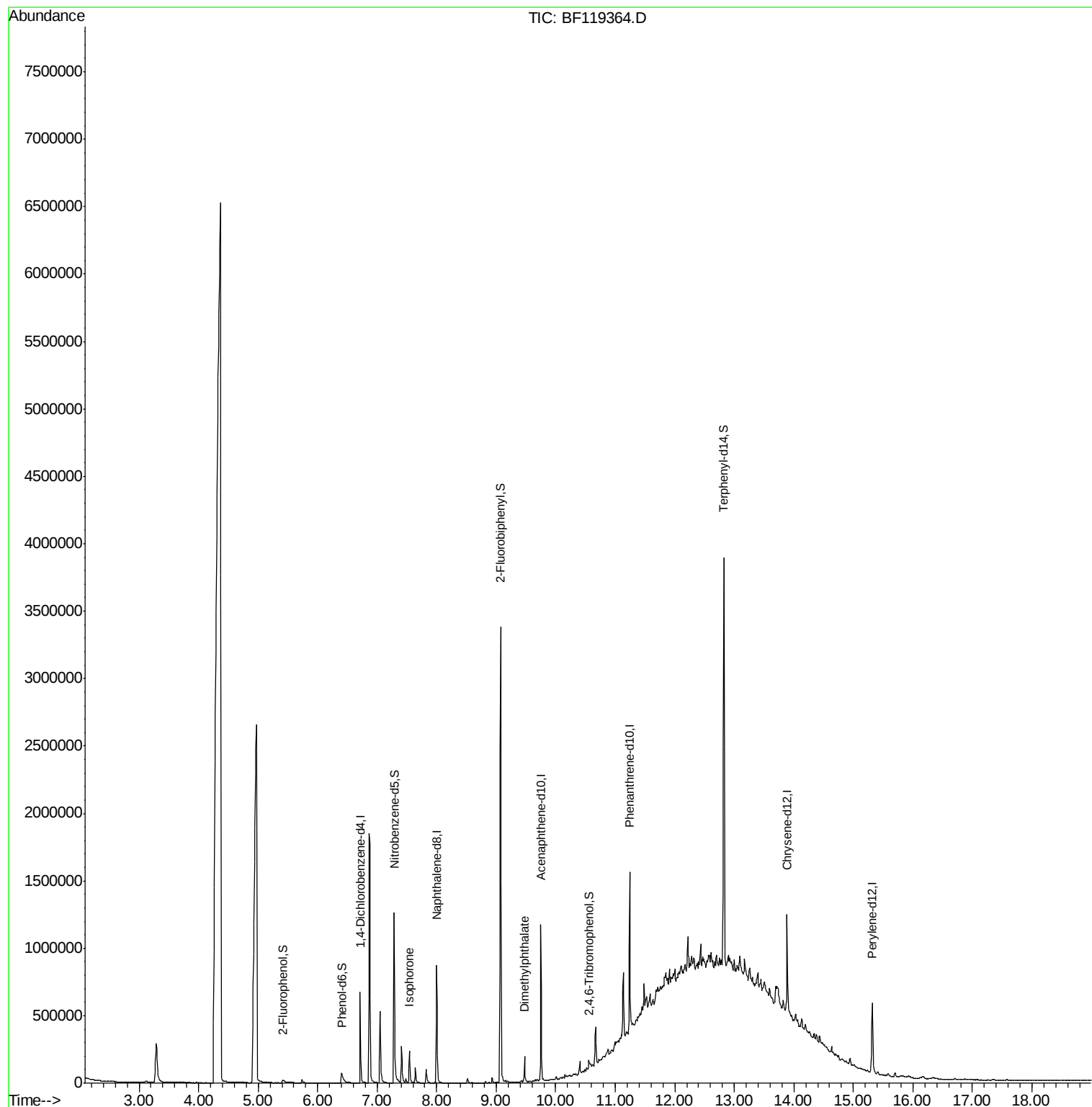
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	107448	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	425746	20.00	ng	-0.01
39) Acenaphthene-d10	9.75	164	235506	20.00	ng	-0.01
64) Phenanthrene-d10	11.24	188	420909	20.00	ng	0.00
76) Chrysene-d12	13.89	240	248875	20.00	ng	0.00
87) Perylene-d12	15.32	264	257082	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	27012	4.20	ng	0.06
7) Phenol-d6	6.40	99	72472	9.27	ng	0.02
23) Nitrobenzene-d5	7.29	82	508548	63.07	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	10184	3.31	ng	0.00
45) 2-Fluorobiphenyl	9.07	172	1063354	66.52	ng	-0.01
79) Terphenyl-d14	12.83	244	1195280	82.69	ng	0.00
Target Compounds						
25) Isophorone	7.54	82	112059	8.002	ng	97
50) Dimethylphthalate	9.47	163	83991	4.664	ng	100

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

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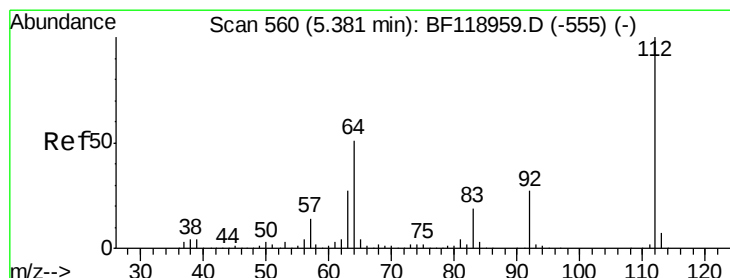
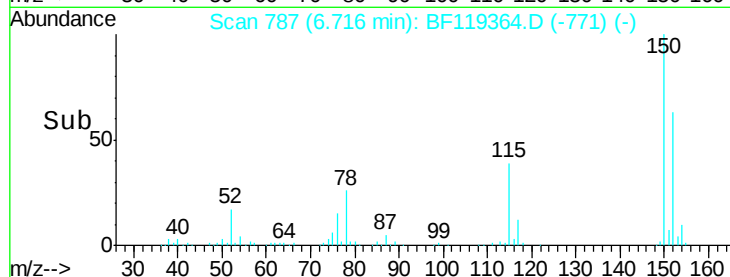
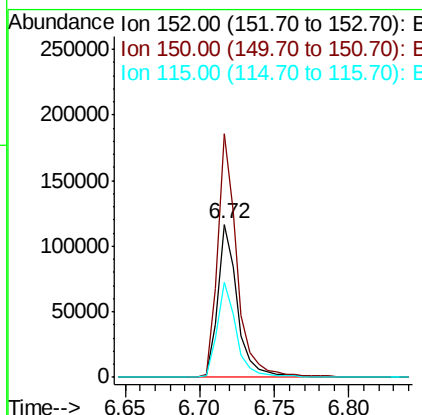
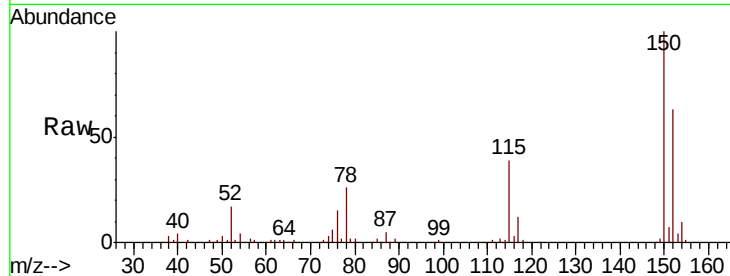


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. -0.01 min
Lab File: BF119364.D
Acq: 12 Mar 2020 00:10

Instrument :
BNA_F
ClientSampleId :
C-9

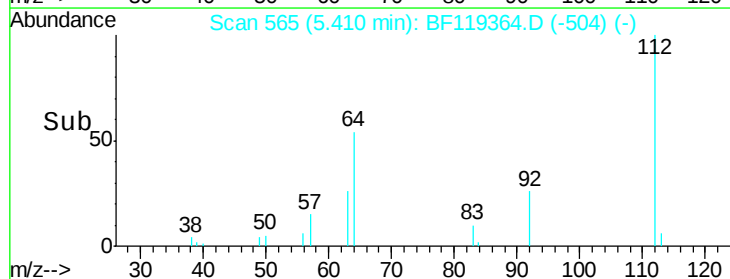
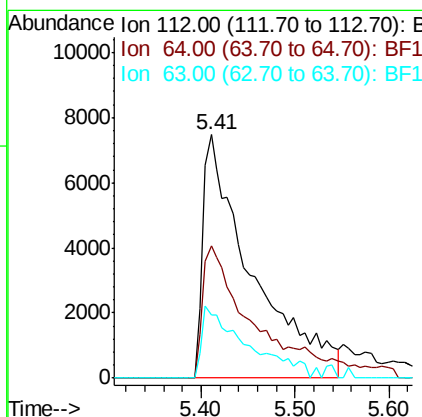
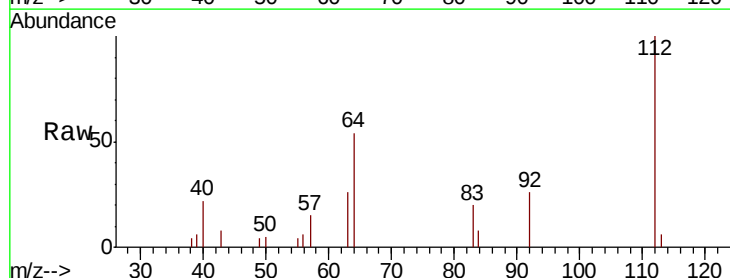
Tot Ion:152 Resp: 107448
Ion Ratio Lower Upper
152 100
150 159.4 123.0 184.6
115 62.5 49.5 74.3



#5

2-Fluorophenol
Concen: 4.201 ng
RT: 5.41 min Scan# 565
Delta R.T. 0.06 min
Lab File: BF119364.D
Acq: 12 Mar 2020 00:10

Tgt Ion:112 Resp: 27012
Ion Ratio Lower Upper
112 100
64 54.2 45.0 67.4
63 26.0 24.2 36.4





#7

Phenol-d6

Concen: 9.268 ng

RT: 6.40 min Scan# 734

Delta R.T. 0.02 min

Lab File: BF119364.D

Acq: 12 Mar 2020 00:10

Instrument :

BNA_F

ClientSampleId :

C-9

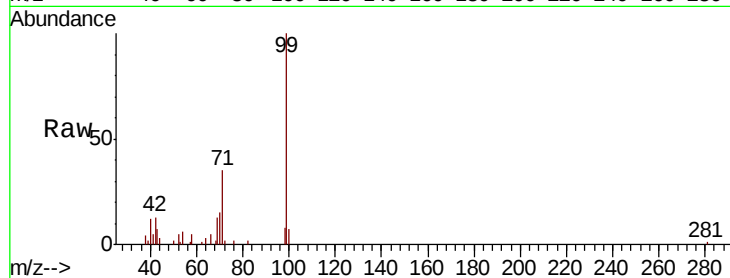
Tot Ion: 99 Resp: 72472

Ion Ratio Lower Upper

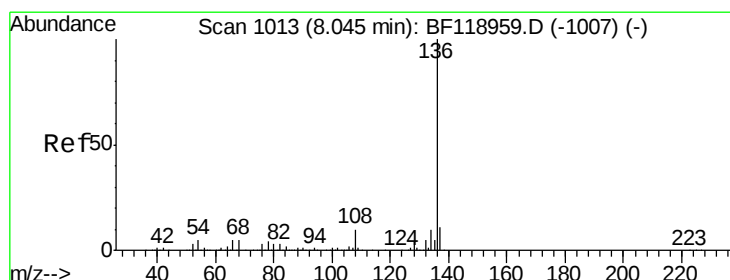
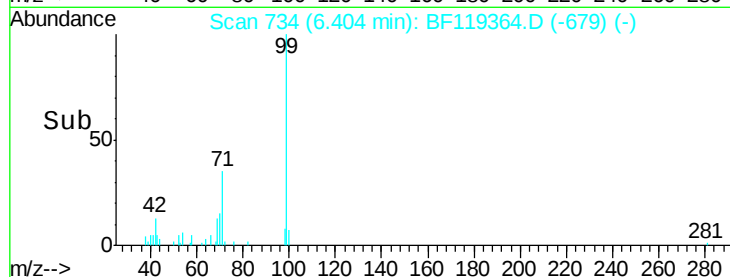
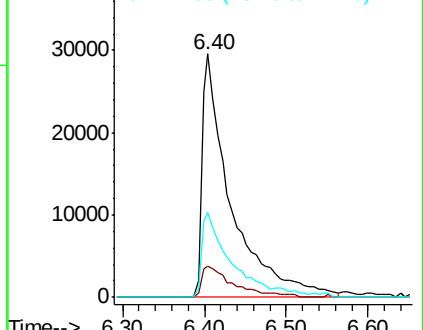
99 100

42 12.8 12.6 18.8

71 34.9 31.0 46.4



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.00 min Scan# 1005

Delta R.T. -0.01 min

Lab File: BF119364.D

Acq: 12 Mar 2020 00:10

Tgt Ion: 136 Resp: 425746

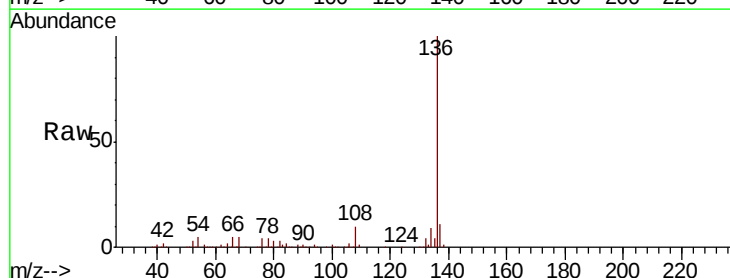
Ion Ratio Lower Upper

136 100

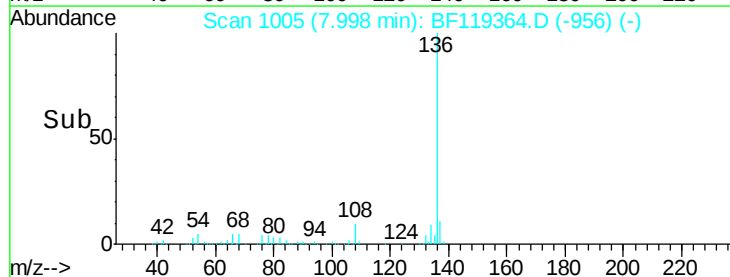
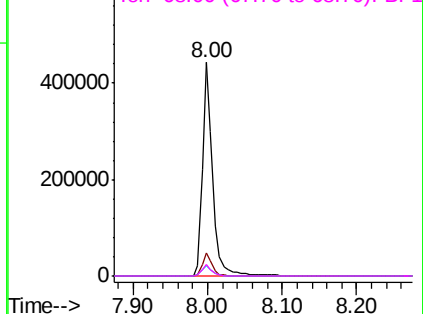
137 10.9 8.8 13.2

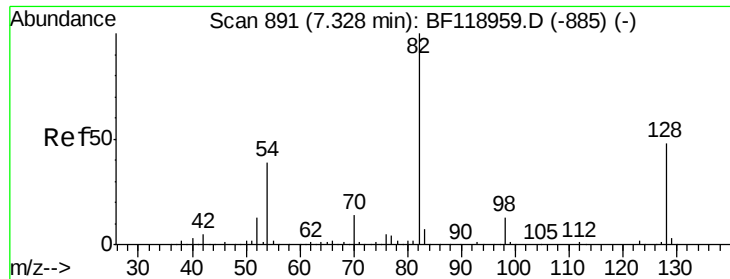
54 5.1 3.8 5.6

68 5.2 3.9 5.9



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): BF1
Ion 68.00 (67.70 to 68.70): BF1

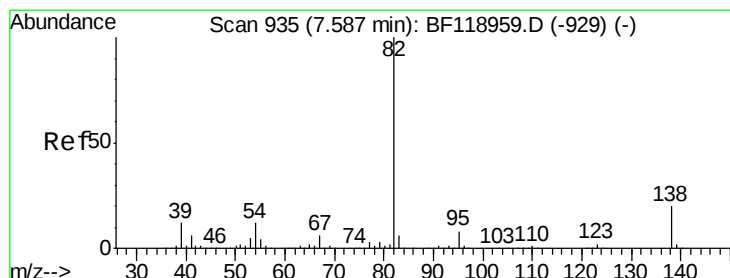
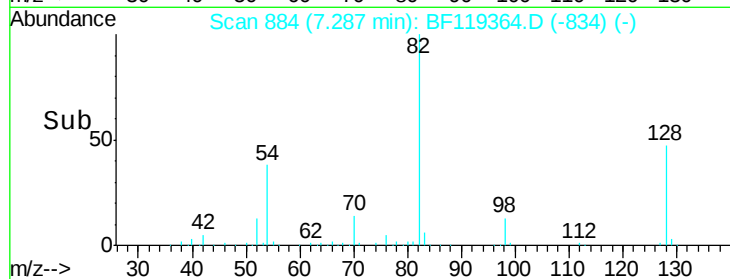
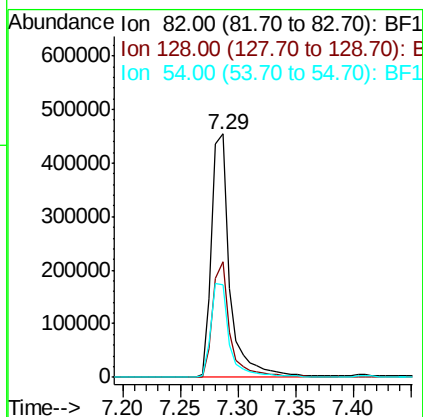
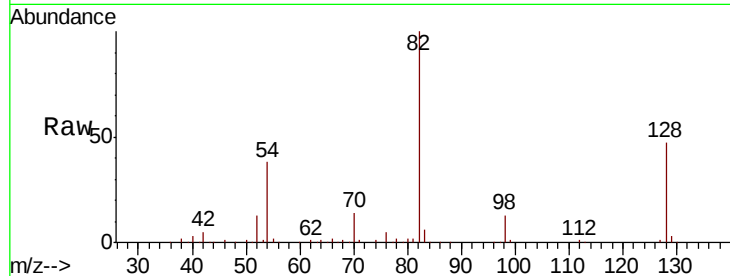




#23
Nitrobenzene-d5
Concen: 63.069 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF119364.D
Acq: 12 Mar 2020 00:10

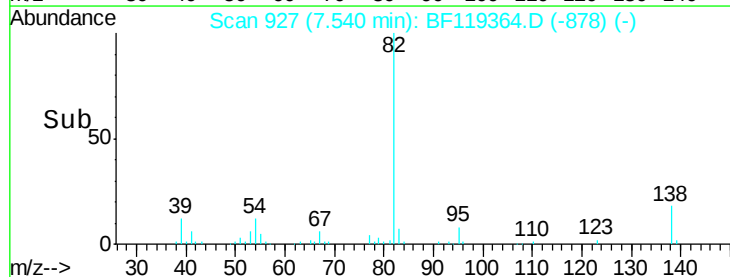
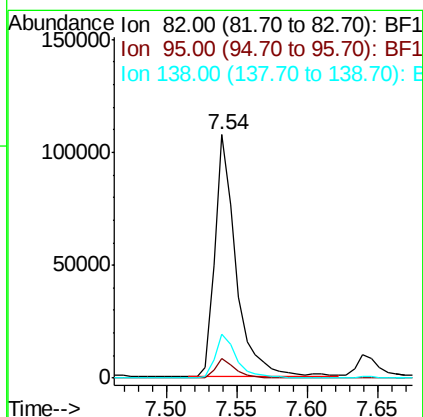
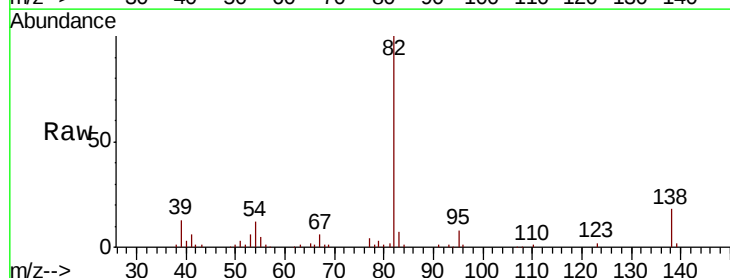
Instrument :
BNA_F
ClientSampleId :
C-9

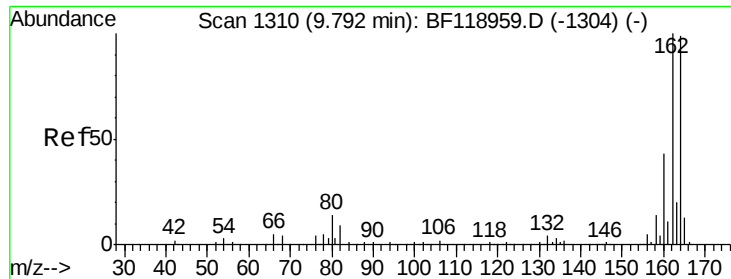
Tot Ion: 82 Resp: 508548
Ion Ratio Lower Upper
82 100
128 47.5 37.9 56.9
54 38.3 33.4 50.2



#25
Isophorone
Concen: 8.002 ng
RT: 7.54 min Scan# 927
Delta R.T. -0.01 min
Lab File: BF119364.D
Acq: 12 Mar 2020 00:10

Tgt Ion: 82 Resp: 112059
Ion Ratio Lower Upper
82 100
95 7.9 6.4 9.6
138 17.9 15.7 23.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.75 min Scan# 1303

Delta R.T. -0.01 min

Lab File: BF119364.D

Acq: 12 Mar 2020 00:10

Instrument :

BNA_F

ClientSampleId :

C-9

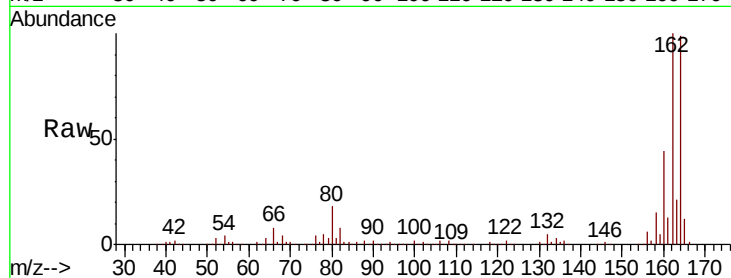
Tot Ion:164 Resp: 235506

Ion Ratio Lower Upper

164 100

162 101.5 81.8 122.8

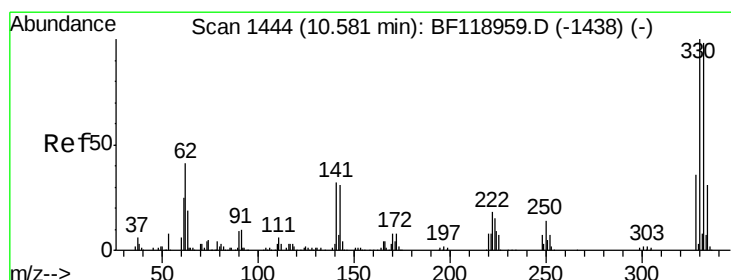
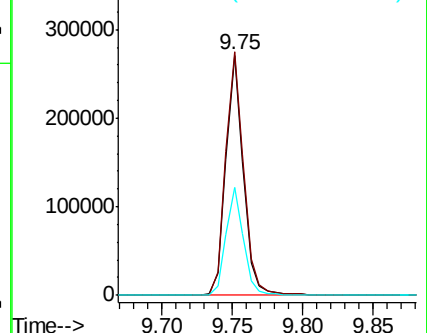
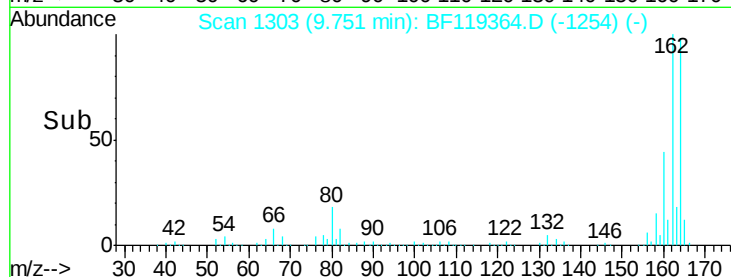
160 44.9 36.0 54.0



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: 3.306 ng

RT: 10.56 min Scan# 1440

Delta R.T. 0.00 min

Lab File: BF119364.D

Acq: 12 Mar 2020 00:10

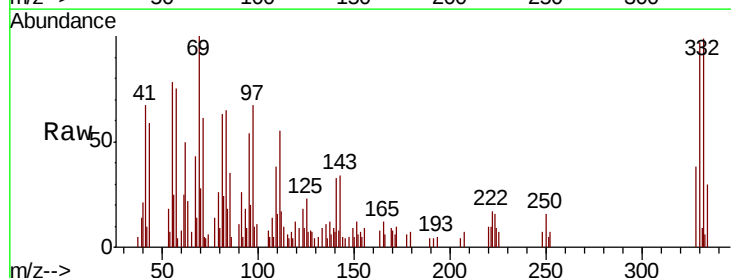
Tgt Ion:330 Resp: 10184

Ion Ratio Lower Upper

330 100

332 97.8 76.0 114.0

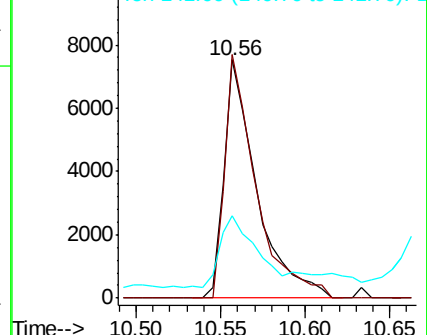
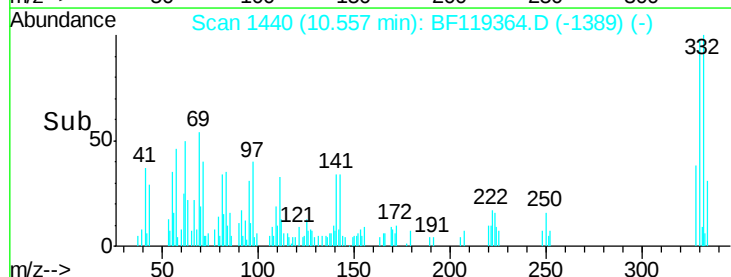
141 43.0 22.9 34.3#

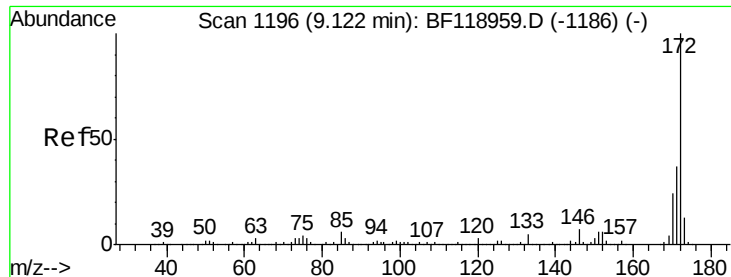


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

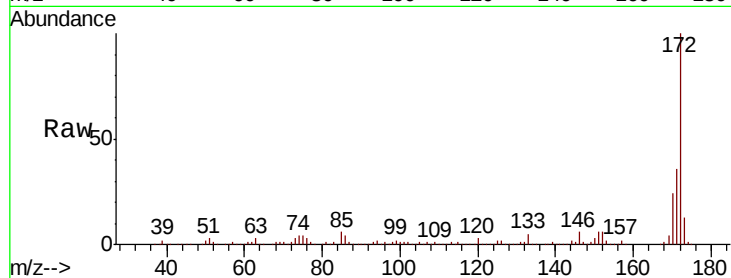




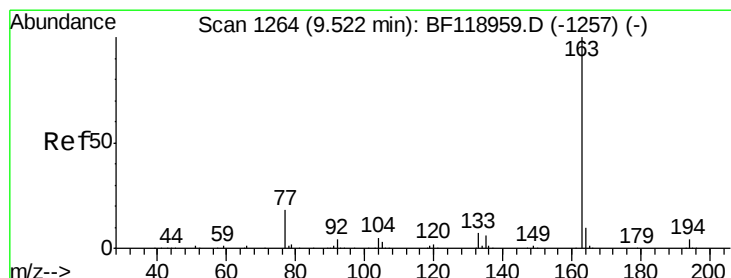
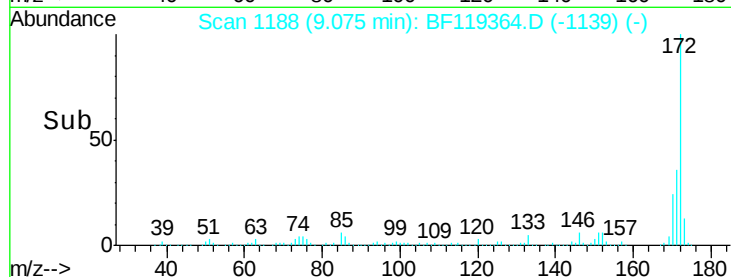
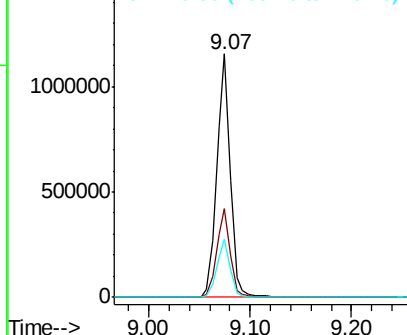
#45
2-Fluorobiphenyl
Concen: 66.517 ng
RT: 9.07 min Scan# 1188
Delta R.T. -0.01 min
Lab File: BF119364.D
Acq: 12 Mar 2020 00:10

Instrument :
BNA_F
ClientSampleId :
C-9

Tot Ion:172 Resp: 1063354
Ion Ratio Lower Upper
172 100
171 36.5 30.6 45.8
170 23.7 20.2 30.2

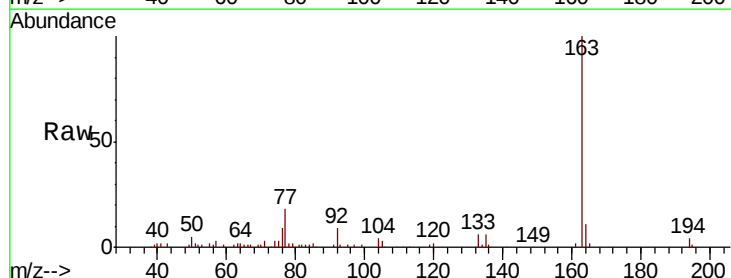


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

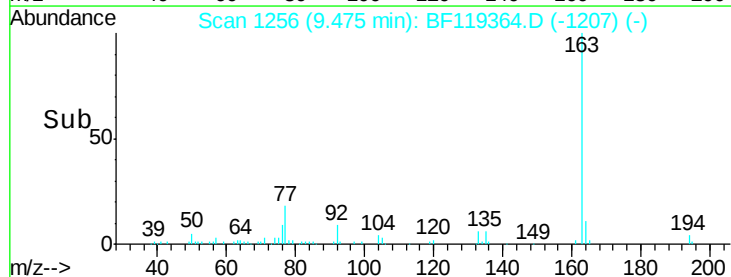
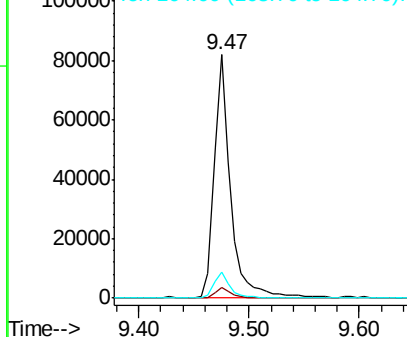


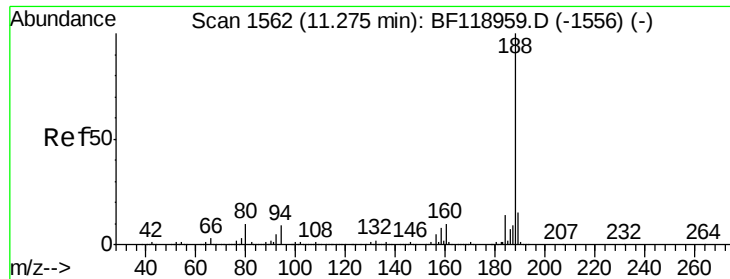
#50
Dimethylphthalate
Concen: 4.664 ng
RT: 9.47 min Scan# 1256
Delta R.T. -0.01 min
Lab File: BF119364.D
Acq: 12 Mar 2020 00:10

Tgt Ion:163 Resp: 83991
Ion Ratio Lower Upper
163 100
194 4.3 3.5 5.3
164 10.5 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

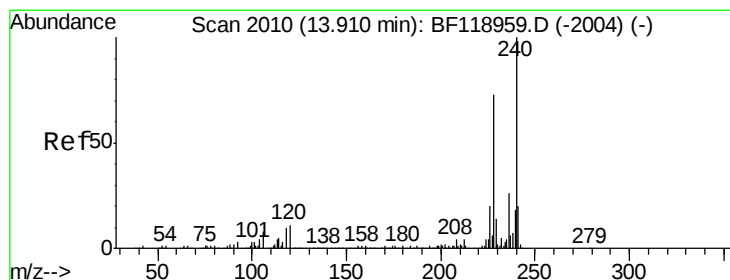
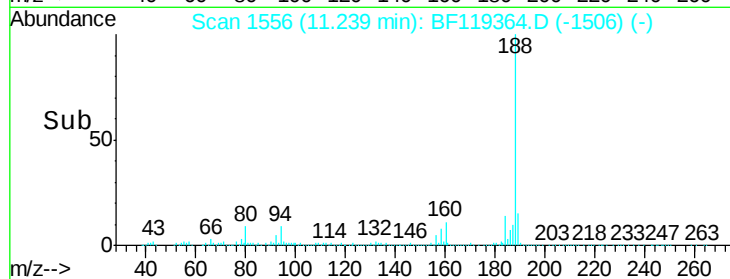
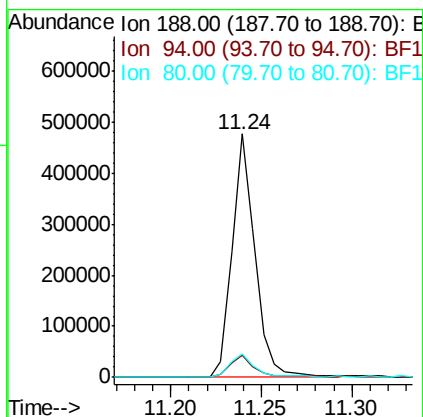
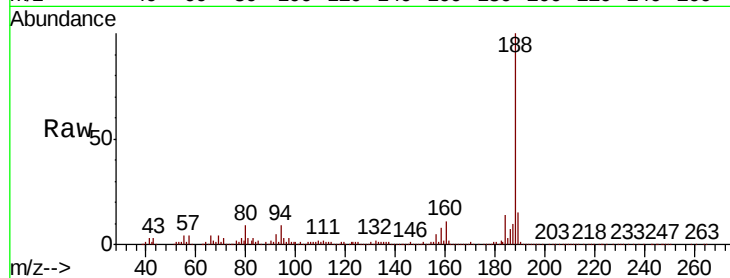




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF119364.D
Acq: 12 Mar 2020 00:10

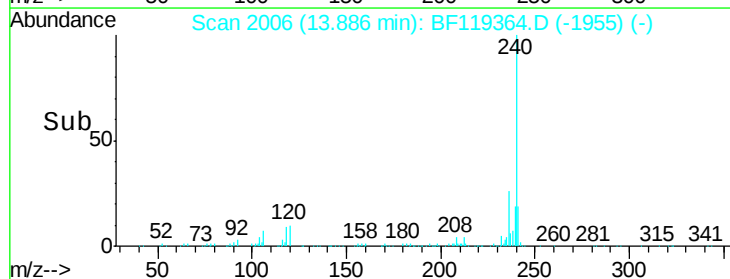
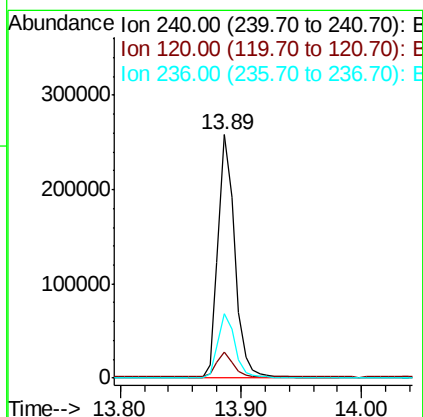
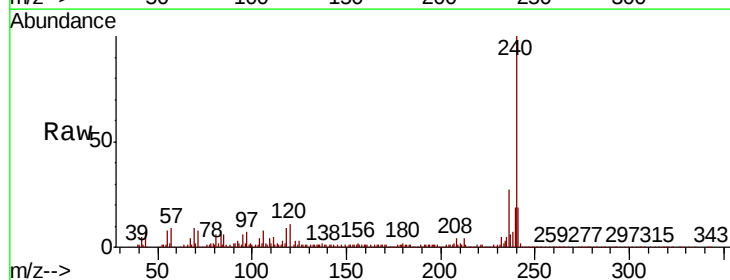
Instrument :
BNA_F
ClientSampleId :
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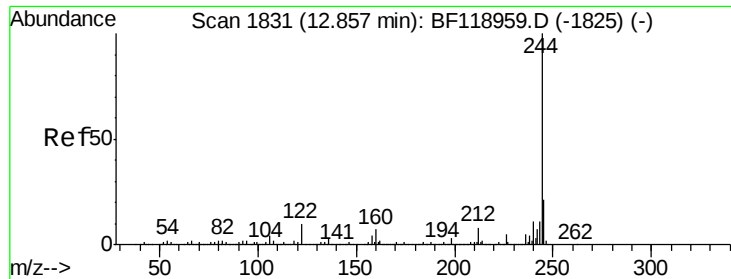
Tot Ion:188 Resp: 420909
Ion Ratio Lower Upper
188 100
94 8.9 7.1 10.7
80 9.5 7.8 11.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.89 min Scan# 2006
Delta R.T. 0.00 min
Lab File: BF119364.D
Acq: 12 Mar 2020 00:10

Tgt Ion:240 Resp: 248875
Ion Ratio Lower Upper
240 100
120 10.9 8.4 12.6
236 26.6 21.0 31.4





#79

Terphenyl-d14

Concen: 82.687 ng

RT: 12.83 min Scan# 1826

Delta R.T. 0.00 min

Lab File: BF119364.D

Acq: 12 Mar 2020 00:10

Instrument :

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ClientSampleId :

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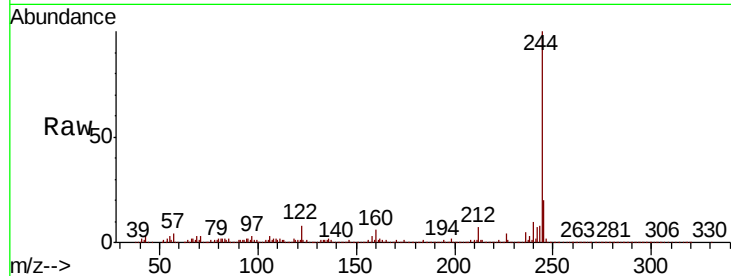
Tot Ion:244 Resp: 1195280

Ion Ratio Lower Upper

244 100

212 7.2 6.6 10.0

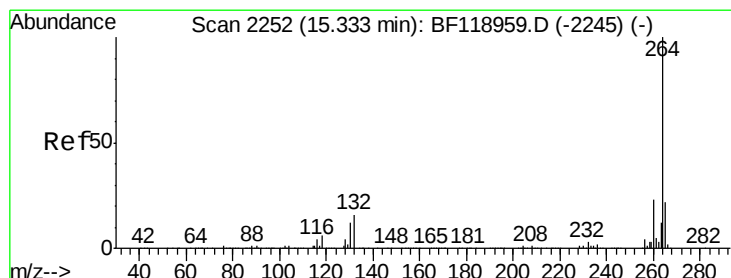
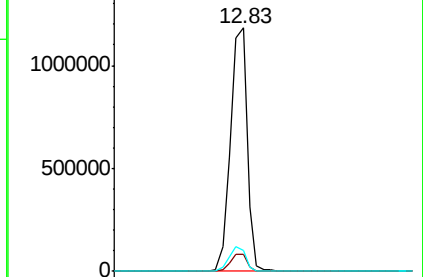
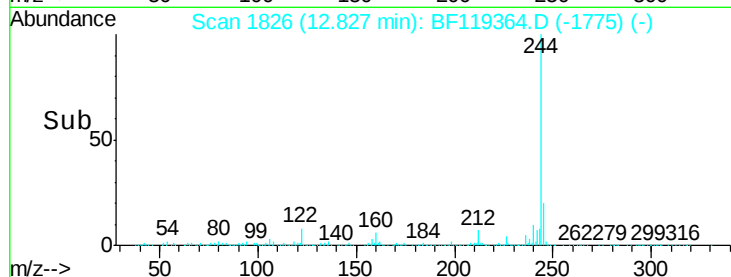
122 8.4 8.2 12.2



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: 15.32 min Scan# 2249

Delta R.T. 0.01 min

Lab File: BF119364.D

Acq: 12 Mar 2020 00:10

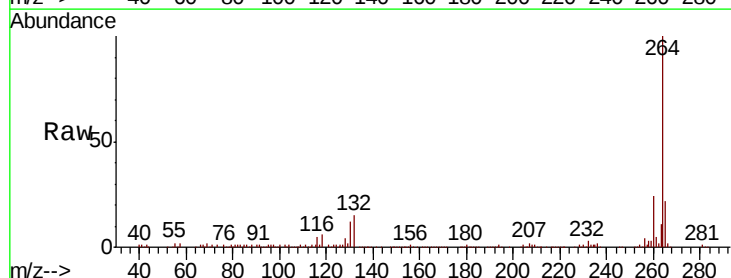
Tgt Ion:264 Resp: 257082

Ion Ratio Lower Upper

264 100

260 23.7 19.4 29.2

265 21.6 17.7 26.5



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

