

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012020\
 Data File : BF118602.D
 Acq On : 20 Jan 2020 20:24
 Operator : CG/JU
 Sample : L1176-15
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EP-13

Quant Time: Jan 21 02:51:02 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 20 14:45:03 2020
 Response via : Initial Calibration

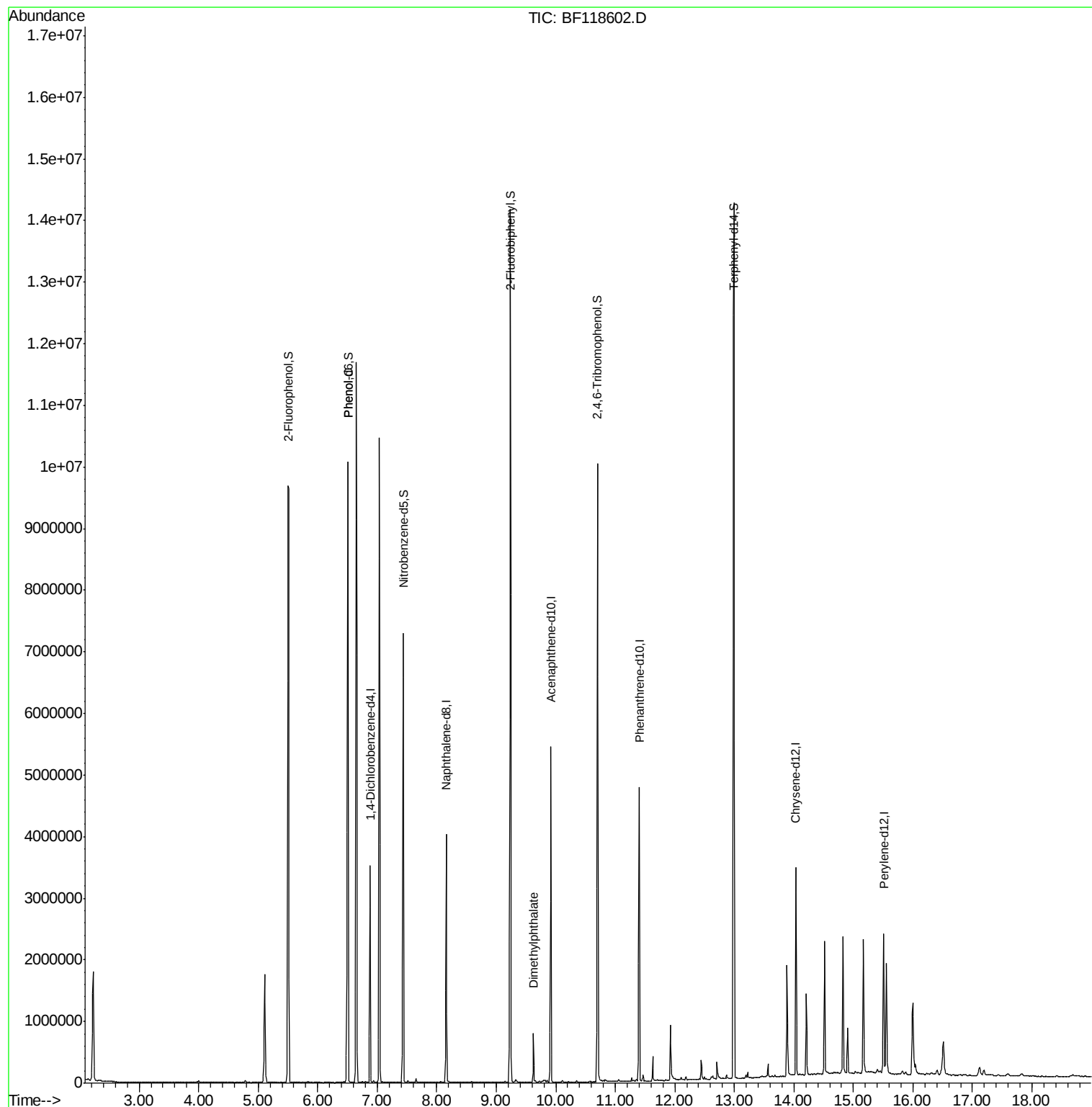
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	498754	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	1835424	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	1037128	20.00	ng	-0.01
64) Phenanthrene-d10	11.40	188	1837292	20.00	ng	0.00
76) Chrysene-d12	14.03	240	1096172	20.00	ng	-0.01
87) Perylene-d12	15.51	264	1124189	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	3143839	117.07	ng	0.01
7) Phenol-d6	6.51	99	4144824	118.75	ng	0.00
23) Nitrobenzene-d5	7.44	82	2632351	80.22	ng	0.00
42) 2,4,6-Tribromophenol	10.70	330	1447876	120.70	ng	0.00
45) 2-Fluorobiphenyl	9.24	172	4805447	76.16	ng	0.00
79) Terphenyl-d14	12.99	244	5132807	102.13	ng	0.00
Target Compounds						
10) Phenol	6.52	94	156644	3.938	ng	93
50) Dimethylphthalate	9.63	163	297321	4.400	ng	97

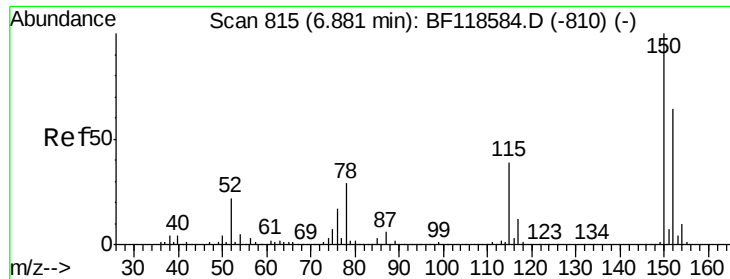
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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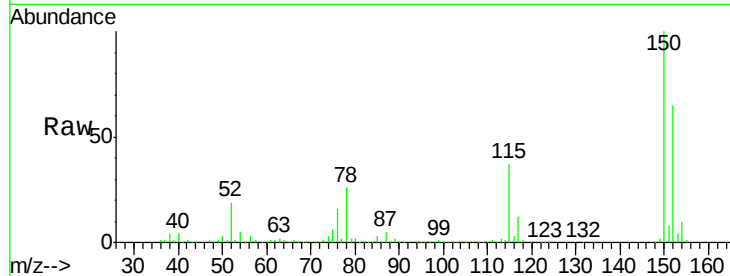


#1

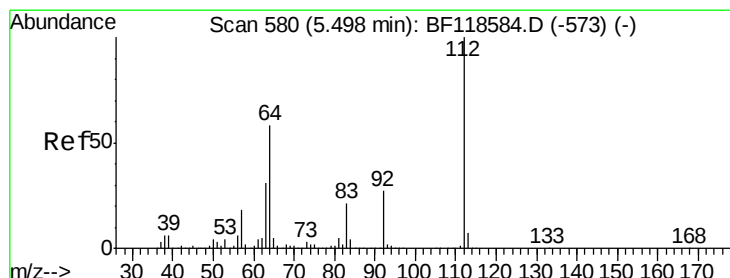
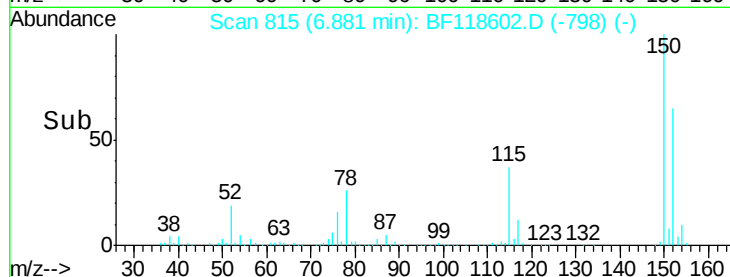
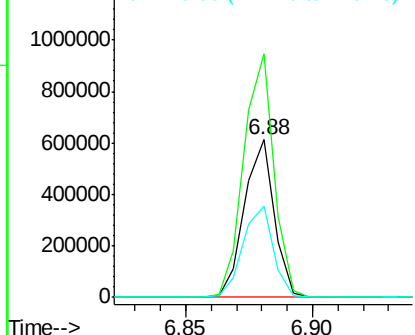
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. 0.00 min
Lab File: BF118602.D
Acq: 20 Jan 2020 20:24

Instrument :
BNA_F
ClientSampleId :
EP-13

Tot Ion:152 Resp: 498754
Ion Ratio Lower Upper
152 100
150 154.8 125.6 188.4
115 57.8 48.4 72.6



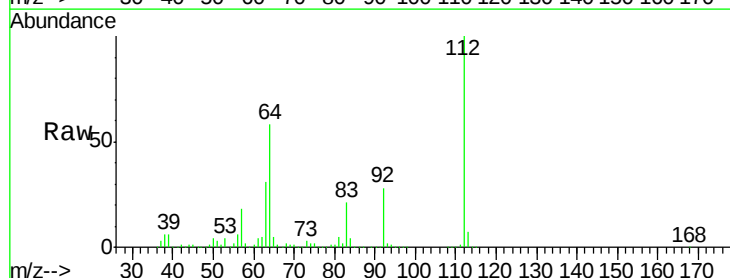
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



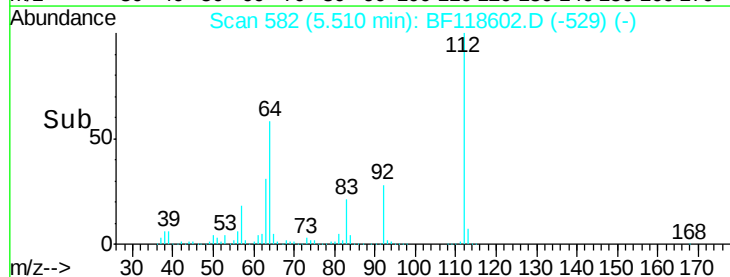
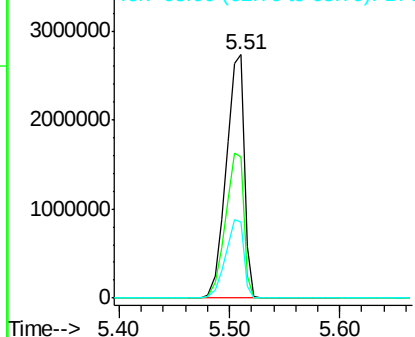
#5

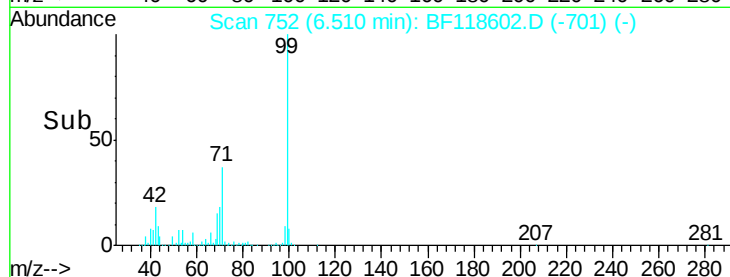
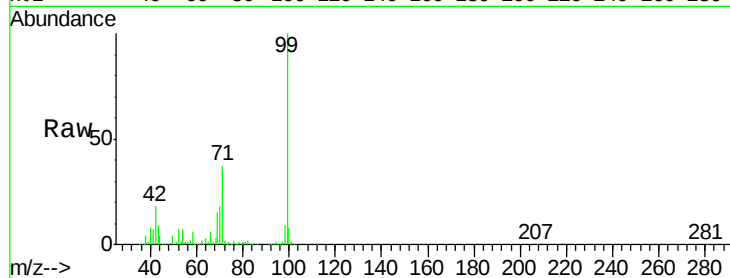
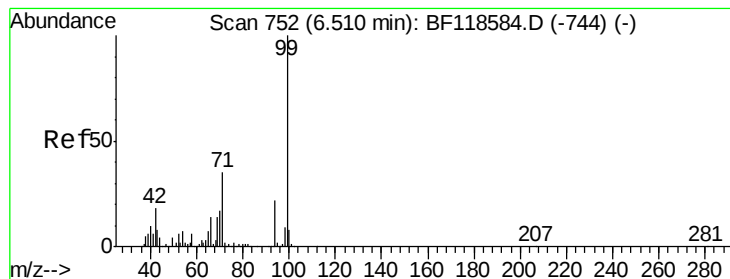
2-Fluorophenol
Concen: 117.070 ng
RT: 5.51 min Scan# 582
Delta R.T. 0.01 min
Lab File: BF118602.D
Acq: 20 Jan 2020 20:24

Tgt Ion:112 Resp: 3143839
Ion Ratio Lower Upper
112 100
64 57.8 46.6 70.0
63 31.2 25.1 37.7



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 118.750 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF118602.D

Acq: 20 Jan 2020 20:24

Instrument :

BNA_F

ClientSampleId :

EP-13

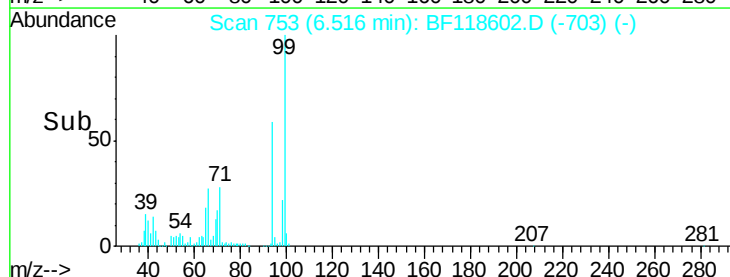
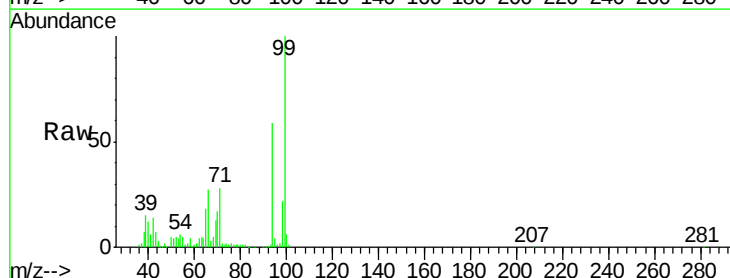
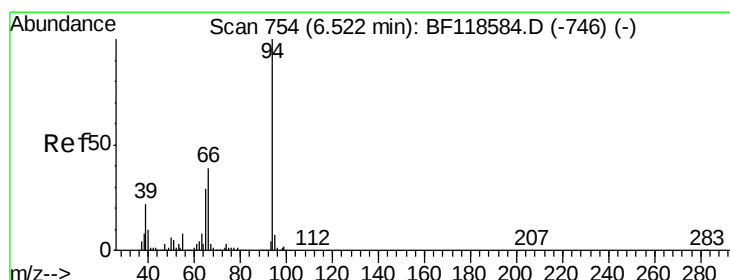
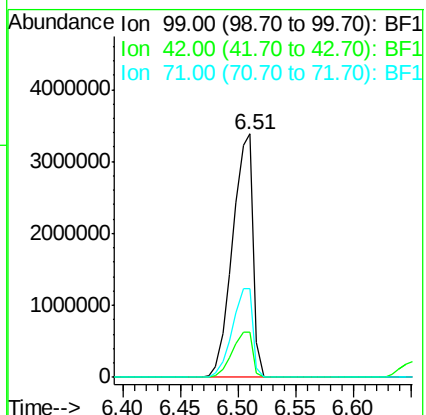
Tot Ion: 99 Resp: 4144824

Ion Ratio Lower Upper

99 100

42 18.3 14.2 21.2

71 36.7 27.8 41.6



#10

Phenol

Concen: 3.938 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF118602.D

Acq: 20 Jan 2020 20:24

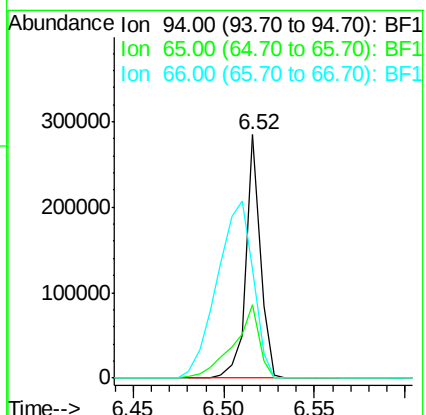
Tgt Ion: 94 Resp: 156644

Ion Ratio Lower Upper

94 100

65 30.2 9.5 49.5

66 45.1 18.5 58.5





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF118602.D

Acq: 20 Jan 2020 20:24

Instrument :

BNA_F

ClientSampleId :

EP-13

Tot Ion:136 Resp: 1835424

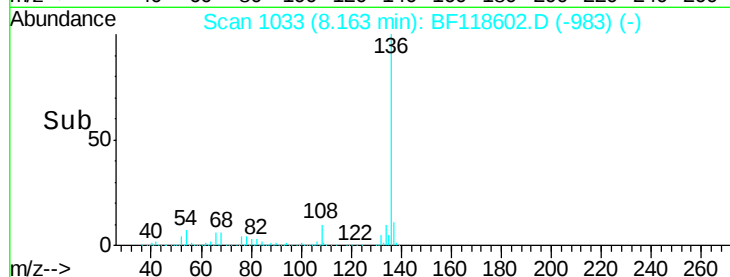
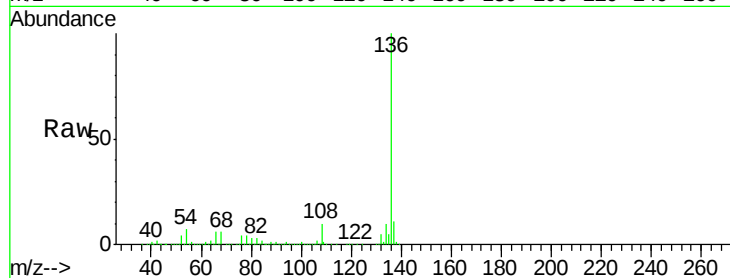
Ion Ratio Lower Upper

136 100

137 11.2 9.1 13.7

54 6.9 5.8 8.6

68 5.8 5.0 7.4



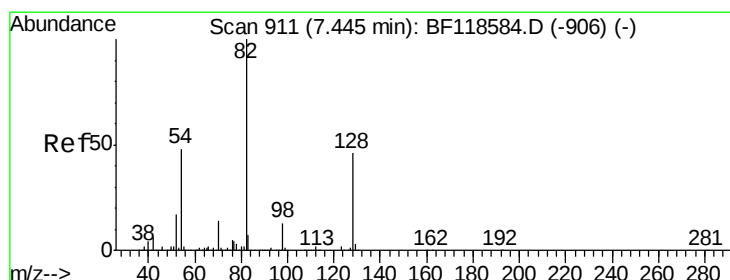
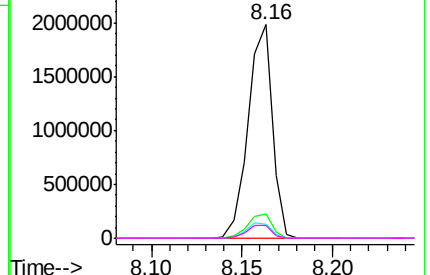
Abundance Ion 136.00 (135.70 to 136.70): E

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

Time-->



#23

Nitrobenzene-d5

Concen: 80.220 ng

RT: 7.44 min Scan# 910

Delta R.T. -0.01 min

Lab File: BF118602.D

Acq: 20 Jan 2020 20:24

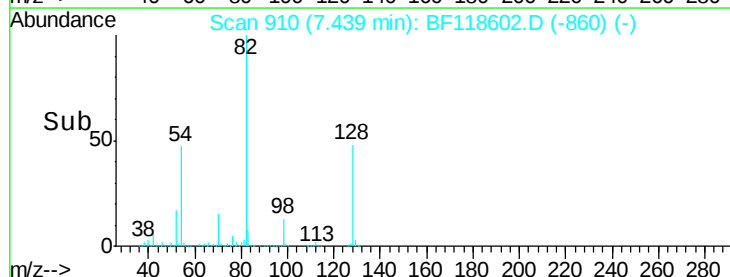
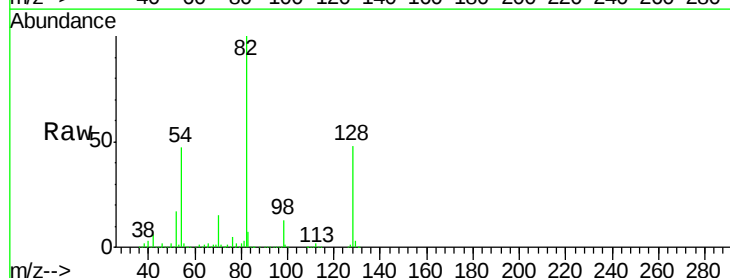
Tgt Ion: 82 Resp: 2632351

Ion Ratio Lower Upper

82 100

128 48.2 36.6 54.8

54 47.1 38.0 57.0

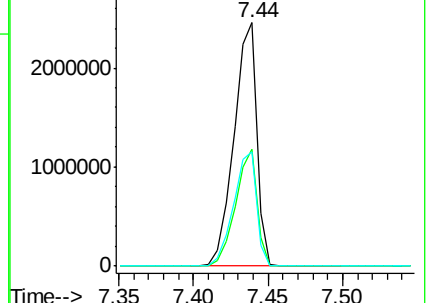


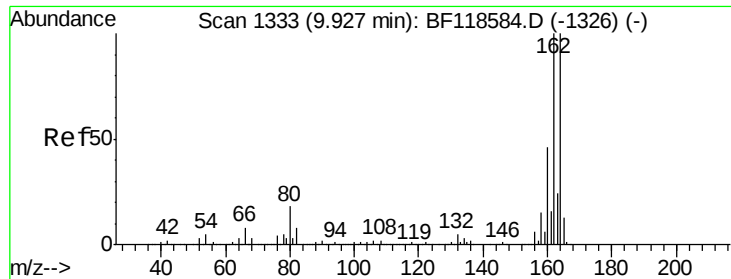
Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

Time-->

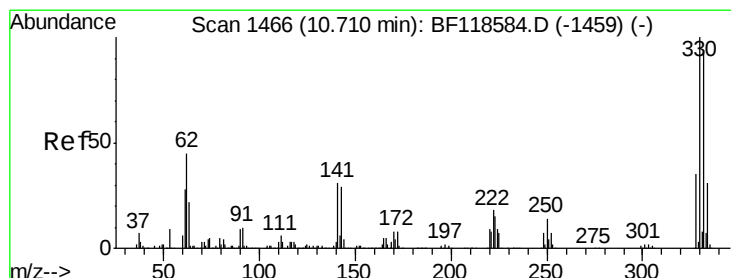
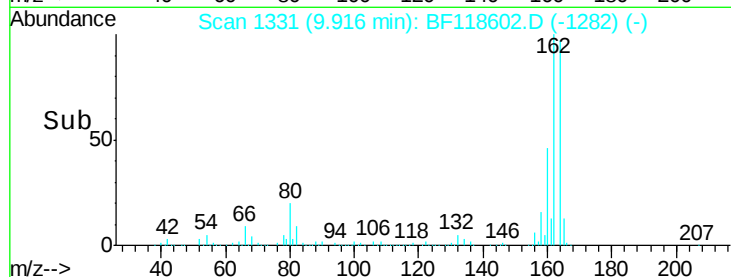
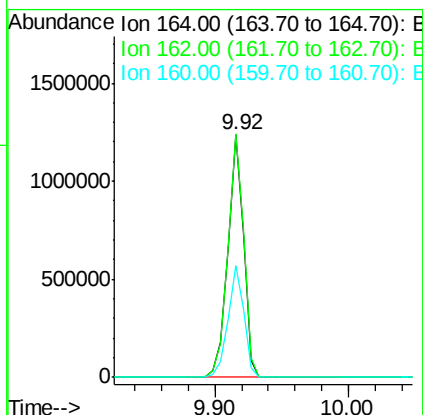
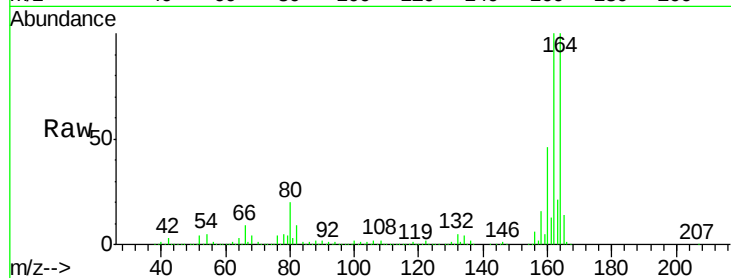




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.01 min
 Lab File: BF118602.D
 Acq: 20 Jan 2020 20:24

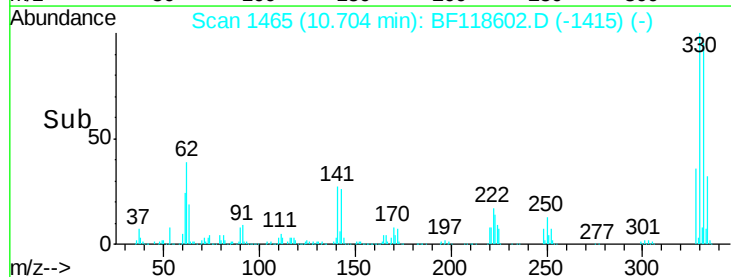
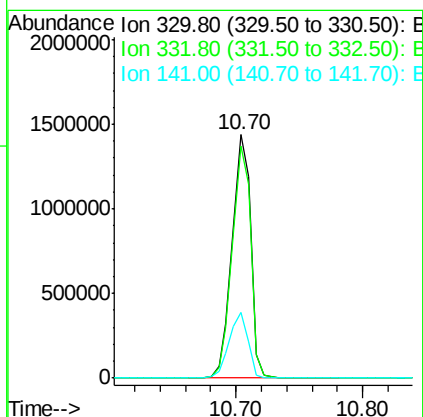
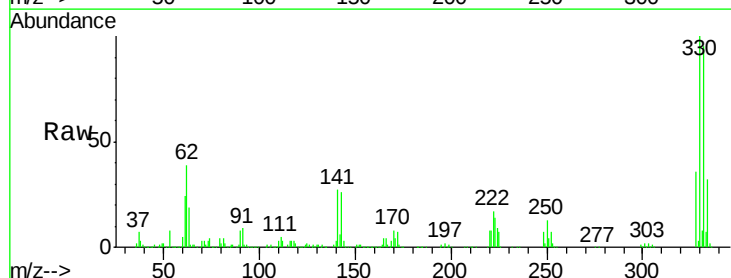
Instrument :
 BNA_F
 ClientSampleId :
 EP-13

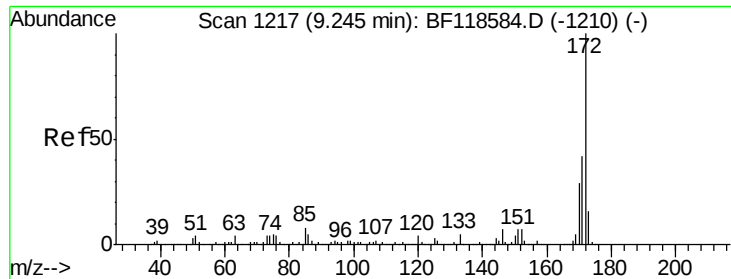
Tot Ion:164 Resp: 1037128
 Ion Ratio Lower Upper
 164 100
 162 100.3 80.4 120.6
 160 46.1 36.6 55.0



#42
 2,4,6-Tribromophenol
 Concen: 120.699 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.01 min
 Lab File: BF118602.D
 Acq: 20 Jan 2020 20:24

Tgt Ion:330 Resp: 1447876
 Ion Ratio Lower Upper
 330 100
 332 95.6 76.2 114.4
 141 27.9 23.9 35.9

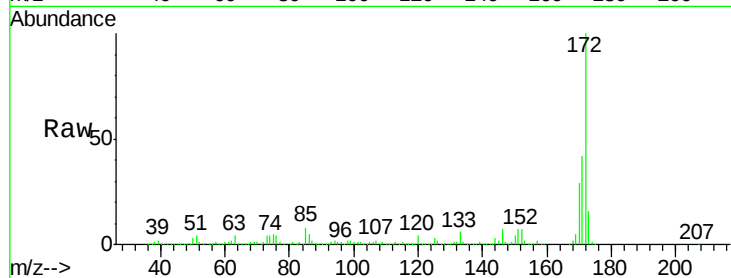




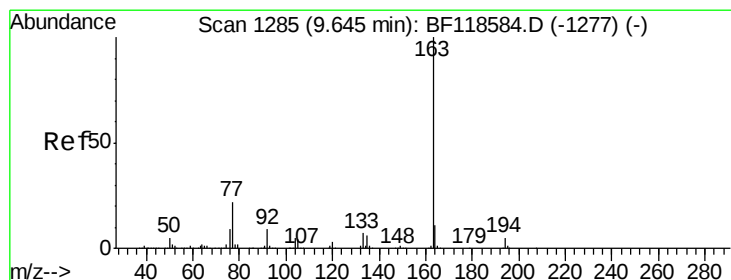
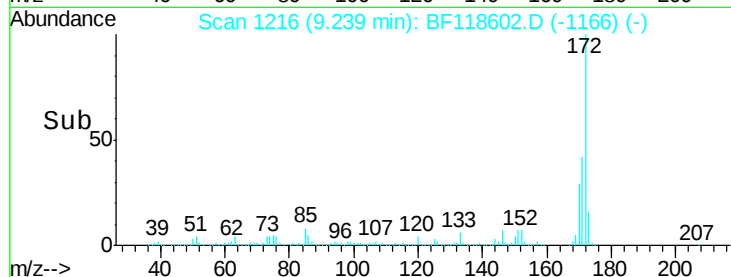
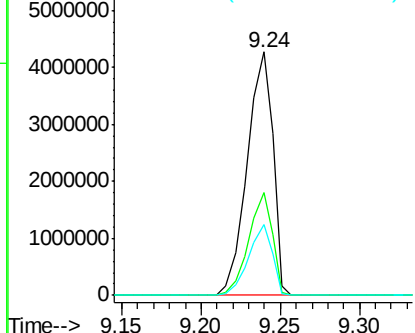
#45
2-Fluorobiphenyl
Concen: 76.156 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.01 min
Lab File: BF118602.D
Acq: 20 Jan 2020 20:24

Instrument :
BNA_F
ClientSampled :
EP-13

Tot Ion:172 Resp: 4805447
Ion Ratio Lower Upper
172 100
171 42.2 33.4 50.2
170 29.1 23.2 34.8

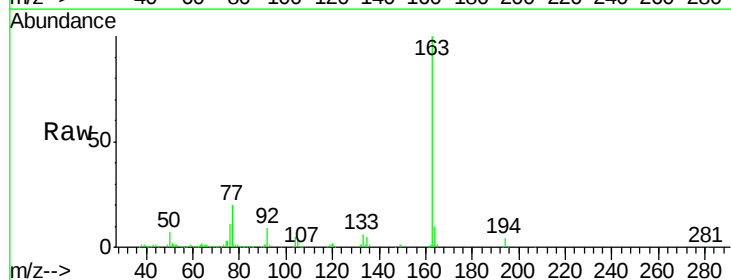


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

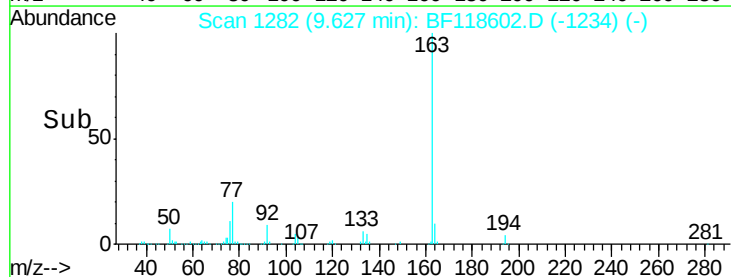
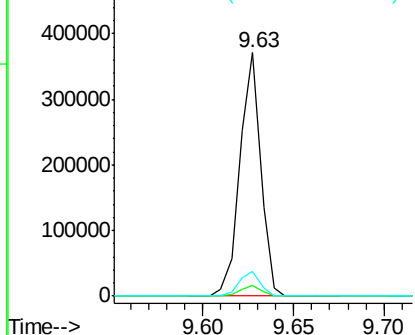


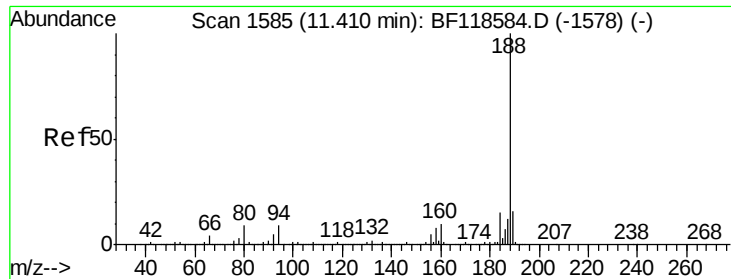
#50
Dimethylphthalate
Concen: 4.400 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.02 min
Lab File: BF118602.D
Acq: 20 Jan 2020 20:24

Tgt Ion:163 Resp: 297321
Ion Ratio Lower Upper
163 100
194 4.1 3.9 5.9
164 10.2 9.1 13.7



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

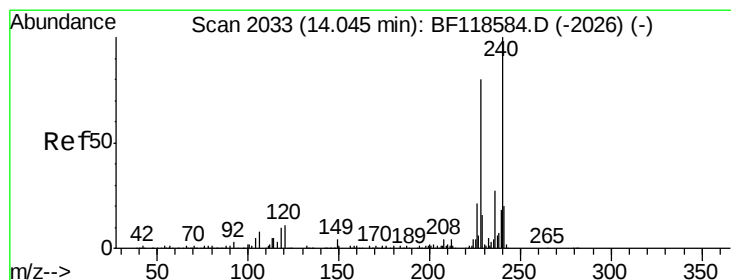
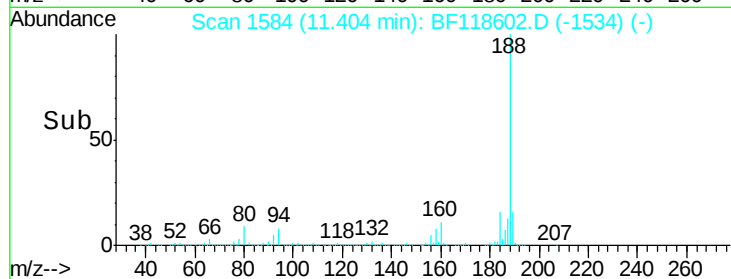
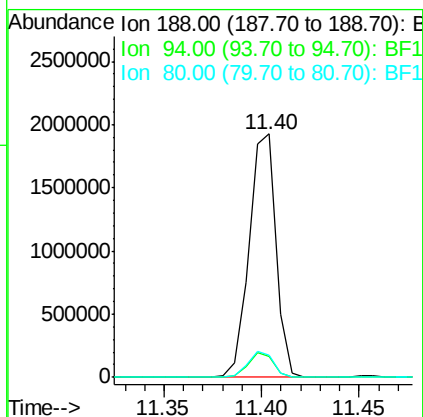
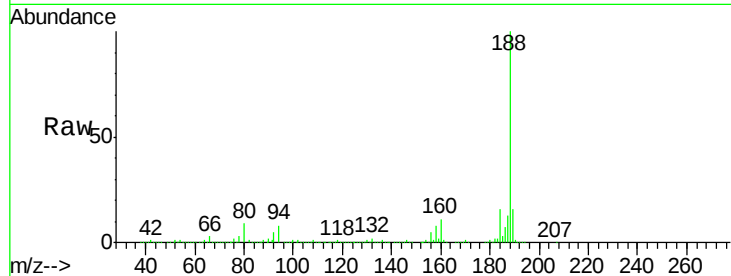




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF118602.D
Acq: 20 Jan 2020 20:24

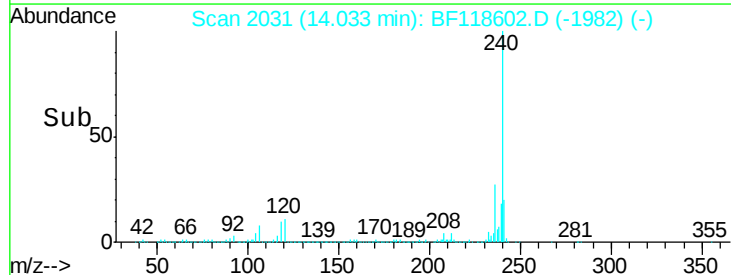
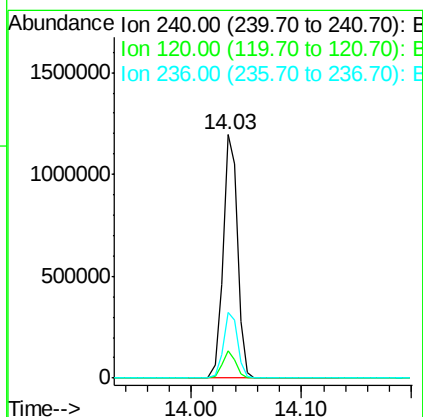
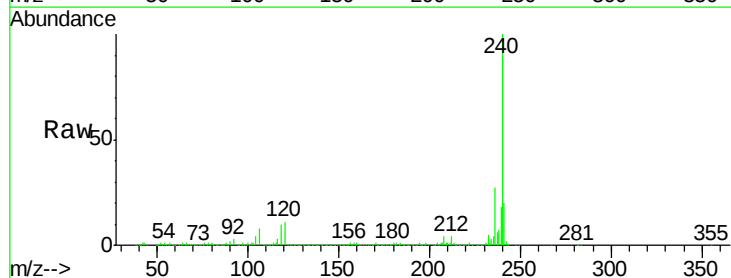
Instrument :
BNA_F
ClientSampled :
EP-13

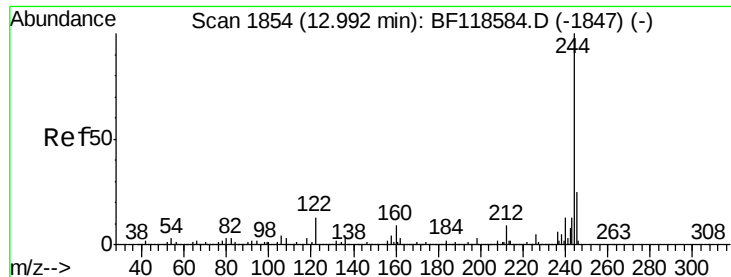
Tot Ion:188 Resp: 1837292
Ion Ratio Lower Upper
188 100
94 8.4 7.1 10.7
80 9.2 7.5 11.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BF118602.D
Acq: 20 Jan 2020 20:24

Tgt Ion:240 Resp: 1096172
Ion Ratio Lower Upper
240 100
120 11.1 8.9 13.3
236 27.1 21.5 32.3





#79

Terphenyl-d14

Concen: 102.129 ng

RT: 12.99 min Scan# 1854

Delta R.T. 0.00 min

Lab File: BF118602.D

Acq: 20 Jan 2020 20:24

Instrument :

BNA_F

ClientSampleId :

EP-13

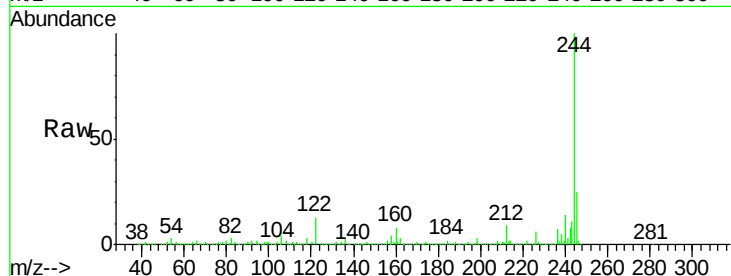
Tot Ion:244 Resp: 5132807

Ion Ratio Lower Upper

244 100

212 9.1 7.0 10.4

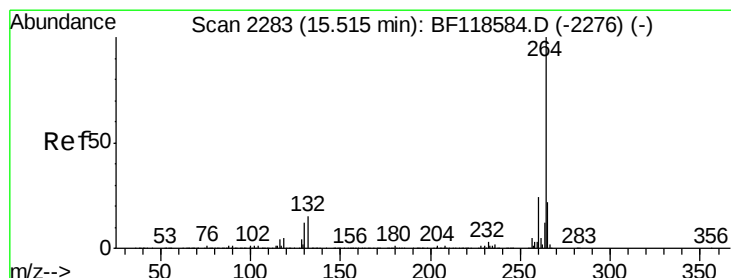
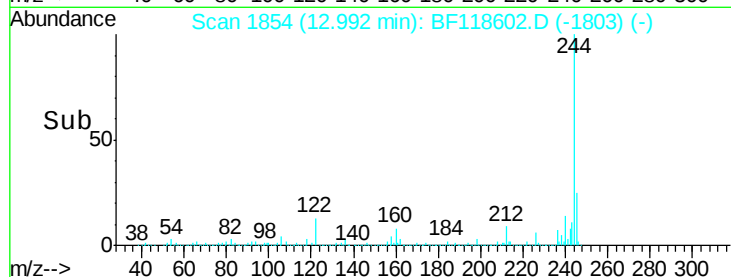
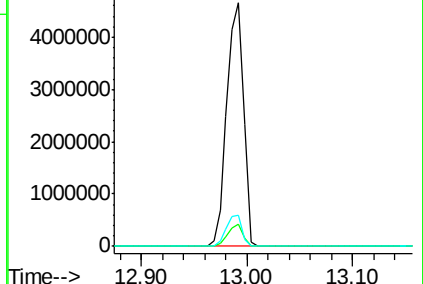
122 12.9 10.7 16.1



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.51 min Scan# 2282

Delta R.T. -0.01 min

Lab File: BF118602.D

Acq: 20 Jan 2020 20:24

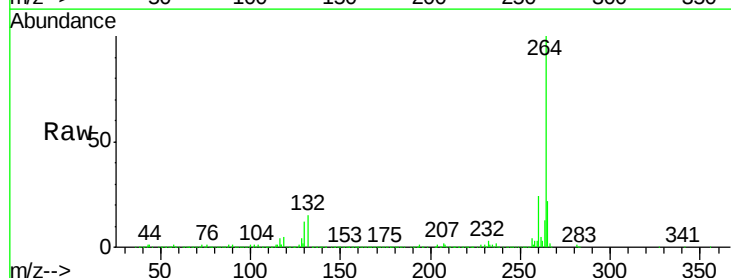
Tgt Ion:264 Resp: 1124189

Ion Ratio Lower Upper

264 100

260 23.7 19.6 29.4

265 22.3 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

