

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP072120\
 Data File : BP002820.D
 Acq On : 21 Jul 2020 18:37
 Operator : CG/JU
 Sample : L3184-13 2X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EO-03-072020

Quant Time: Jul 22 05:59:11 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP071020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 13 10:54:03 2020
 Response via : Initial Calibration

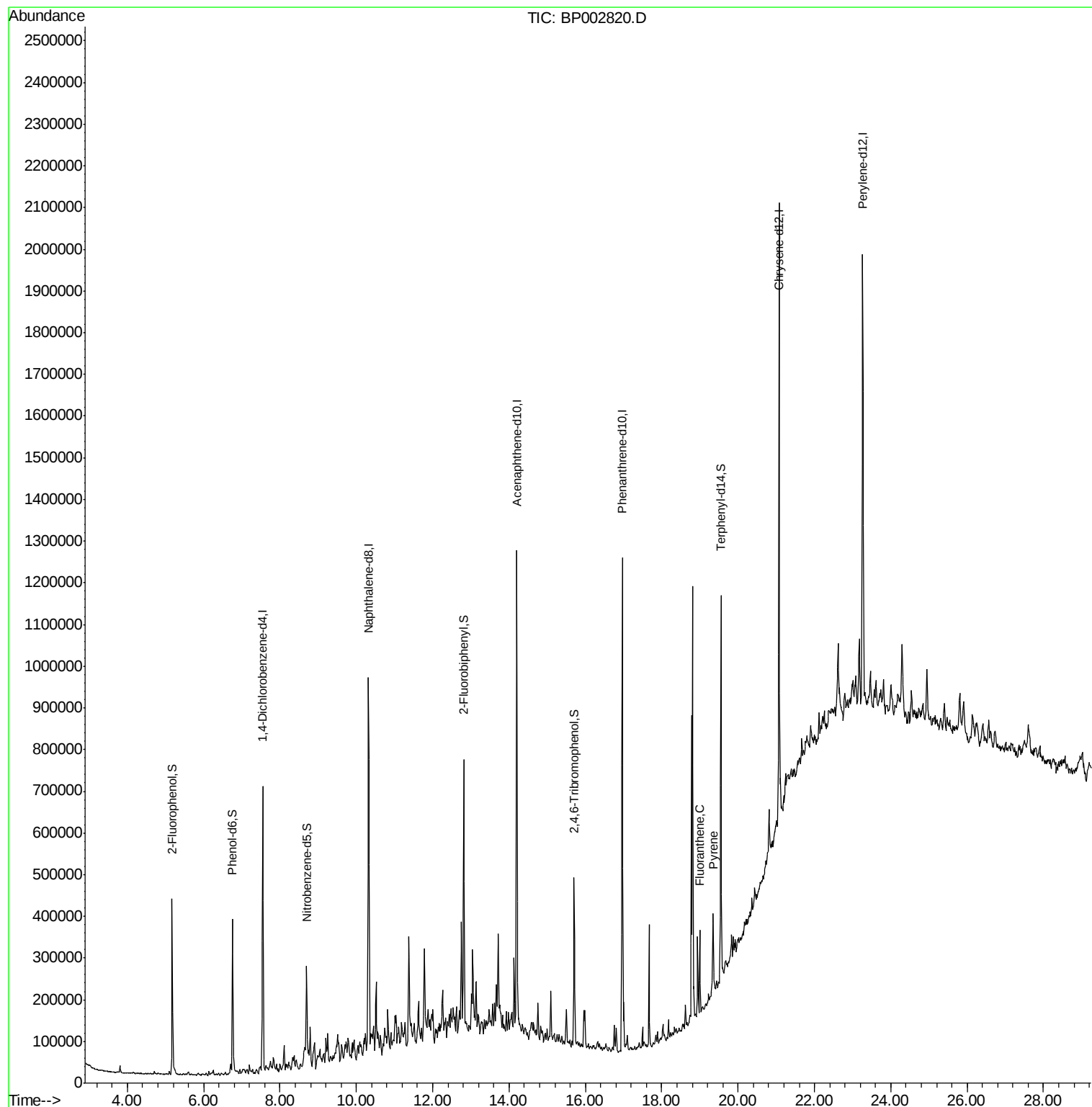
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	176464	20.00	ng	0.00
21) Naphthalene-d8	10.32	136	663699	20.00	ng	-0.01
39) Acenaphthene-d10	14.20	164	388778	20.00	ng	-0.01
64) Phenanthrene-d10	16.96	188	744974	20.00	ng	0.00
76) Chrysene-d12	21.07	240	720580	20.00	ng	0.00
86) Perylene-d12	23.26	264	767869	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.18	112	204873	19.59	ng	0.00
7) Phenol-d6	6.76	99	261404	17.51	ng	0.00
23) Nitrobenzene-d5	8.69	82	152173	12.26	ng	-0.01
42) 2,4,6-Tribromophenol	15.71	330	92802	22.87	ng	0.00
45) 2-Fluorobiphenyl	12.81	172	362523	14.43	ng	-0.01
79) Terphenyl-d14	19.55	244	416204	13.24	ng	0.00
Target Compounds						
75) Fluoranthene	18.99	202	119058	2.547	ng	98
78) Pyrene	19.35	202	115316	2.318	ng	99

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

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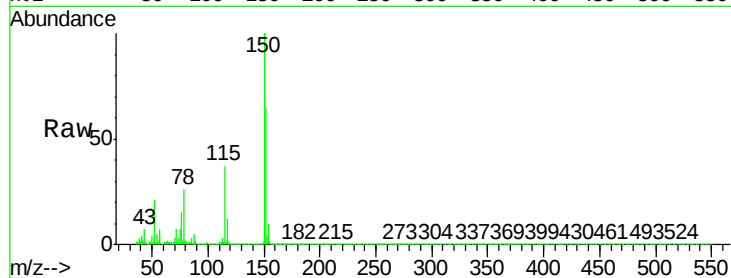


#1

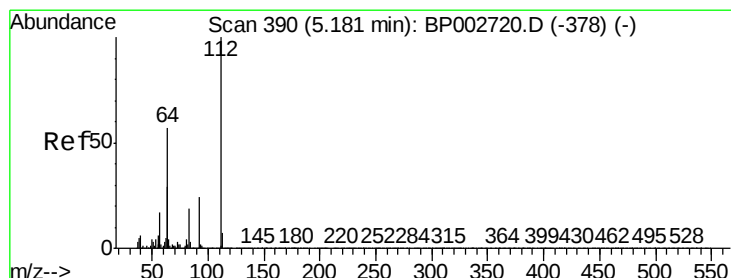
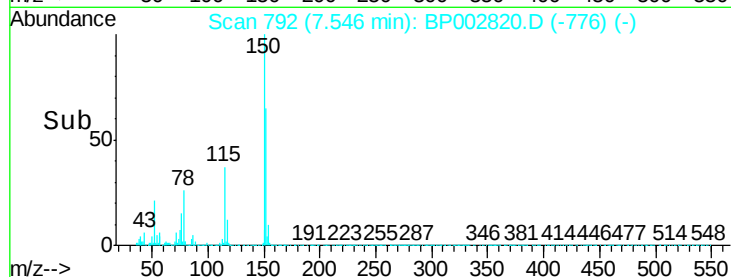
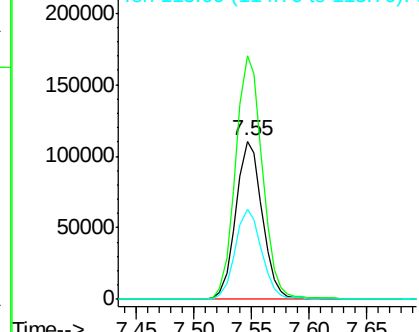
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.55 min Scan# 792
Delta R.T. -0.01 min
Lab File: BP002820.D
Acq: 21 Jul 2020 18:37

Instrument :
BNA_P
ClientSampleId :
EO-03-072020

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.0	123.7	185.5
115	57.1	47.2	70.8



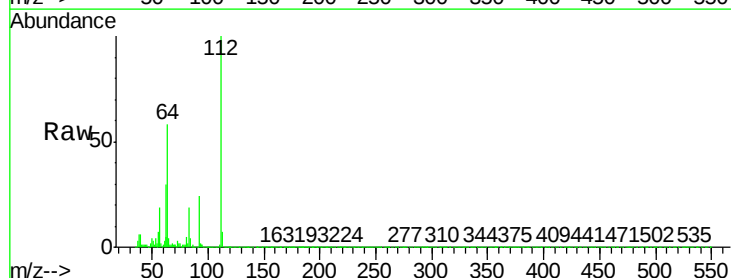
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



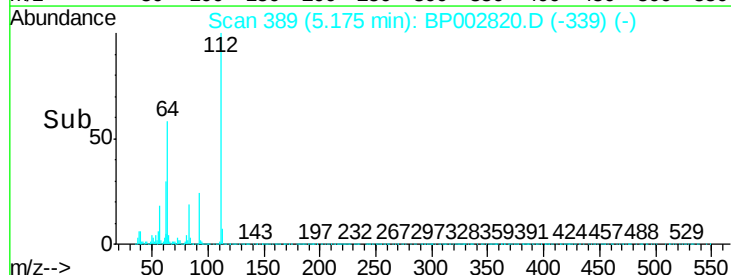
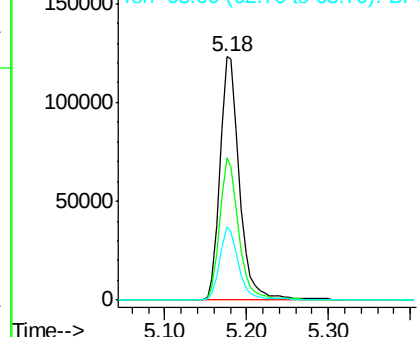
#5

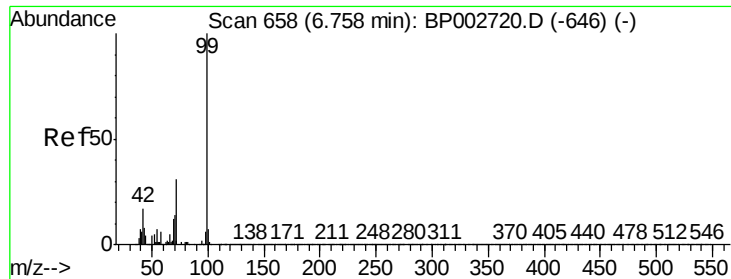
2-Fluorophenol
Concen: 19.588 ng
RT: 5.18 min Scan# 389
Delta R.T. -0.01 min
Lab File: BP002820.D
Acq: 21 Jul 2020 18:37

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.3	45.6	68.4
63	30.1	23.5	35.3



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BP0
Ion 63.00 (62.70 to 63.70): BP0





#7

Phenol-d6

Concen: 17.512 ng

RT: 6.76 min Scan# 658

Delta R.T. 0.00 min

Lab File: BP002820.D

Acq: 21 Jul 2020 18:37

Instrument :

BNA_P

ClientSampleId :

EO-03-072020

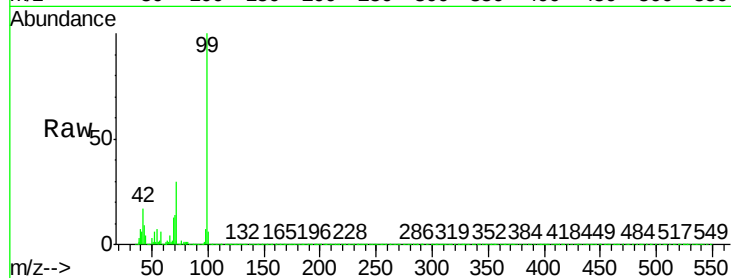
Tot Ion: 99 Resp: 261404

Ion Ratio Lower Upper

99 100

42 16.9 13.4 20.2

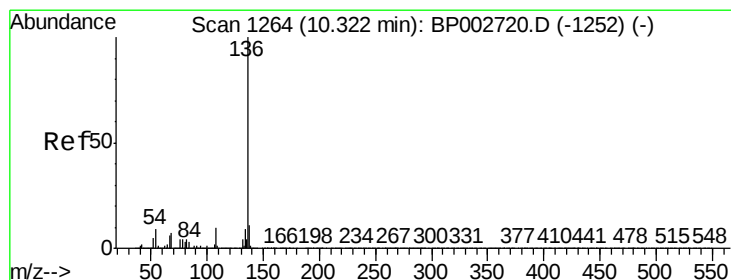
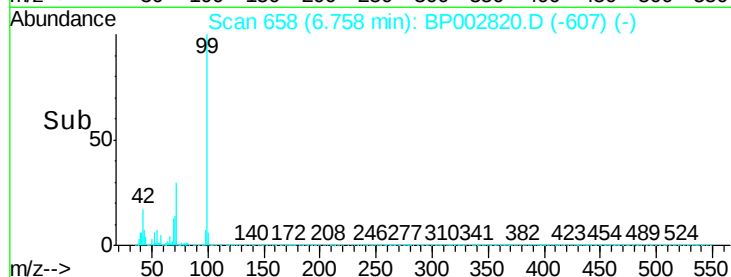
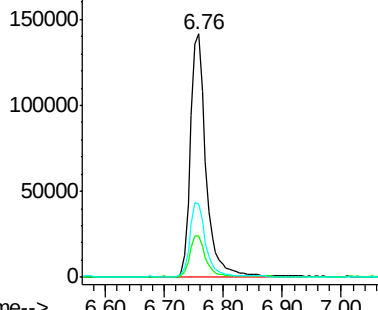
71 30.3 24.6 36.8



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: 10.32 min Scan# 1263

Delta R.T. -0.01 min

Lab File: BP002820.D

Acq: 21 Jul 2020 18:37

Tgt Ion: 136 Resp: 663699

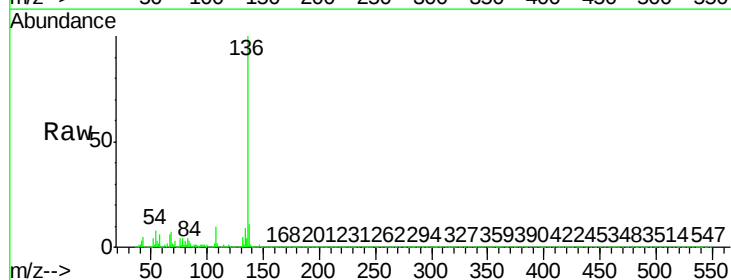
Ion Ratio Lower Upper

136 100

137 11.1 8.6 13.0

54 8.4 6.9 10.3

68 6.9 5.7 8.5

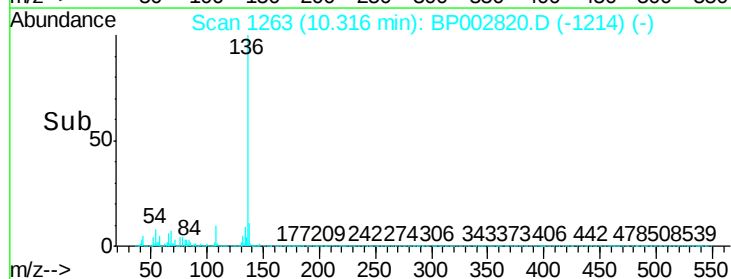
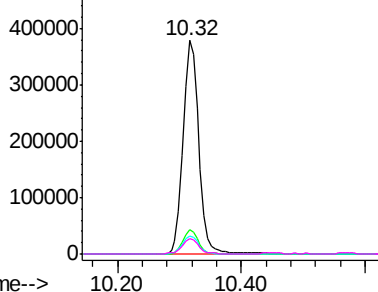


Abundance Ion 136.00 (135.70 to 136.70): E

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

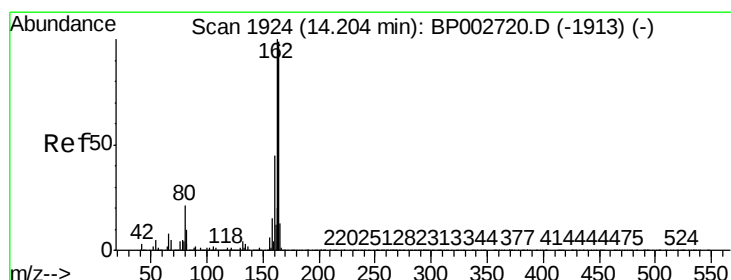
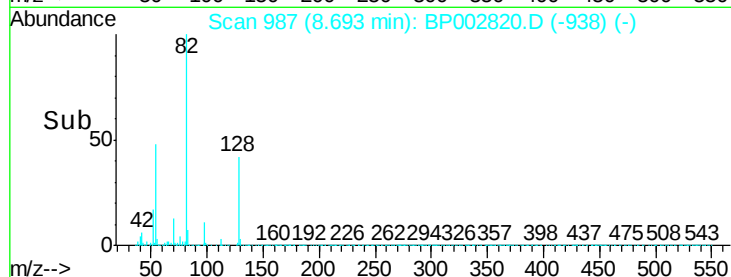
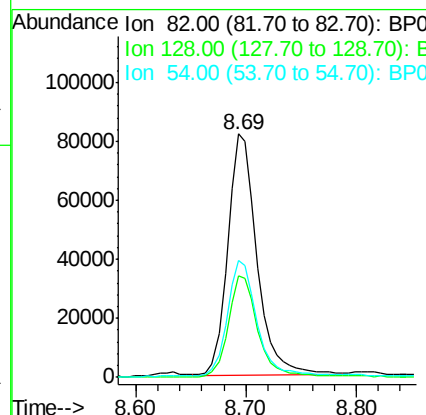
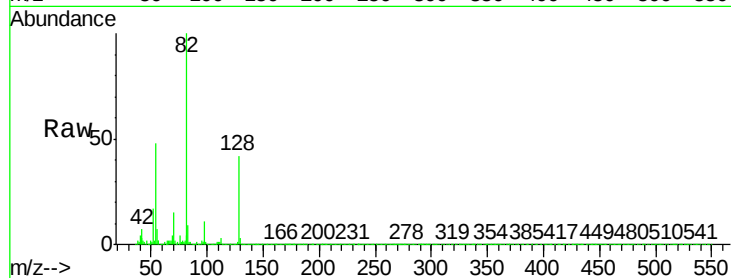




#23
 Nitrobenzene-d5
 Concen: 12.263 ng
 RT: 8.69 min Scan# 987
 Delta R.T. -0.01 min
 Lab File: BP002820.D
 Acq: 21 Jul 2020 18:37

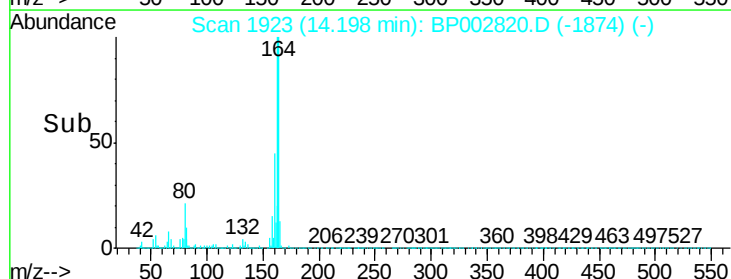
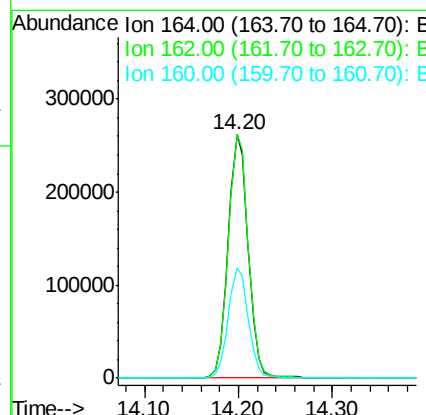
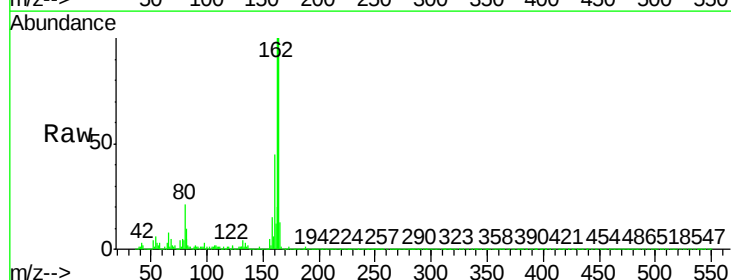
Instrument :
 BNA_P
 ClientSampleId :
 EO-03-072020

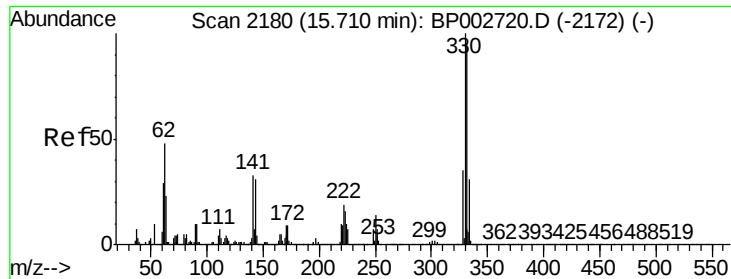
Tot Ion	82	Resp	152173
Ion Ratio	Lower	Upper	
82	100		
128	41.9	33.8	50.8
54	48.3	38.8	58.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.20 min Scan# 1923
 Delta R.T. -0.01 min
 Lab File: BP002820.D
 Acq: 21 Jul 2020 18:37

Tgt Ion	164	Resp	388778
Ion Ratio	Lower	Upper	
164	100		
162	100.0	80.6	121.0
160	45.4	36.4	54.6

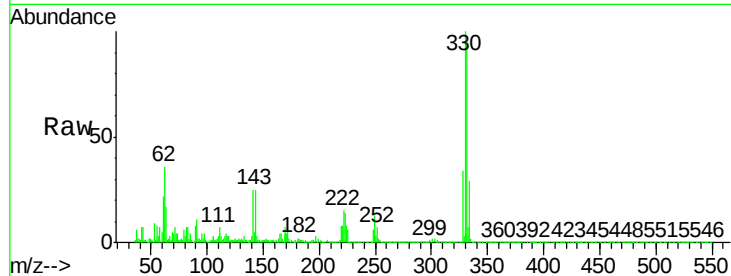




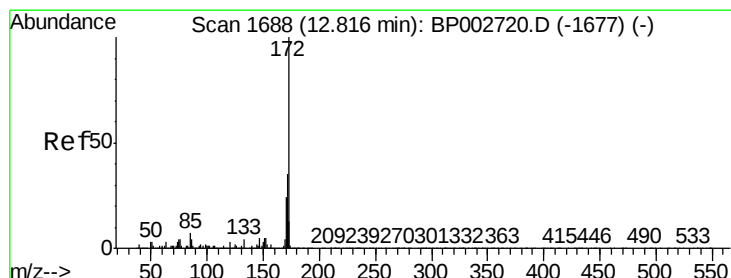
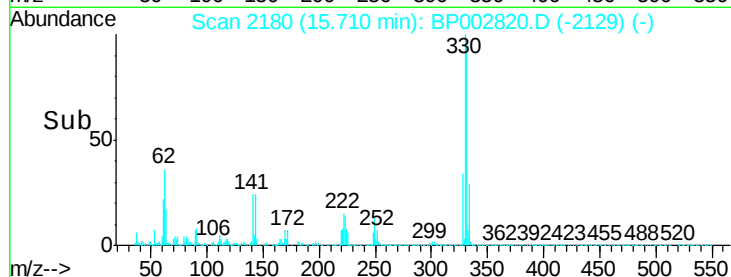
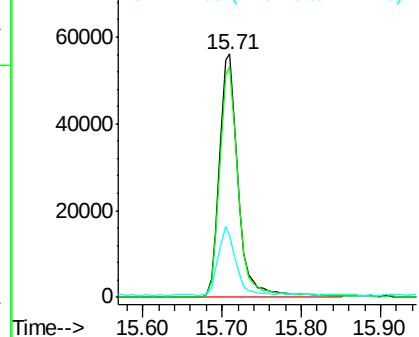
#42
 2,4,6-Tribromophenol
 Concen: 22.868 ng
 RT: 15.71 min Scan# 2180
 Delta R.T. 0.00 min
 Lab File: BP002820.D
 Acq: 21 Jul 2020 18:37

Instrument :
 BNA_P
 ClientSampleId :
 EO-03-072020

Tot Ion:330 Resp: 92802
 Ion Ratio Lower Upper
 330 100
 332 94.5 76.5 114.7
 141 25.7 28.8 43.2#

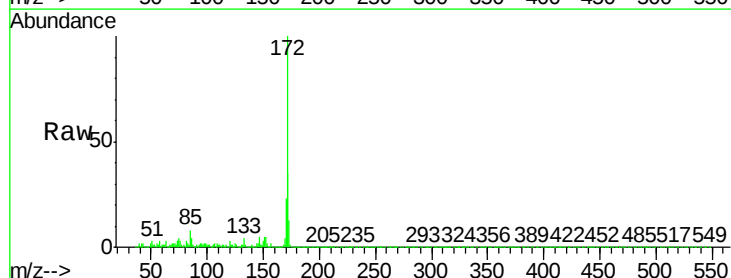


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

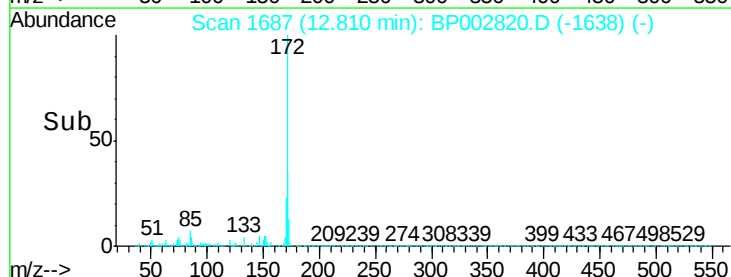
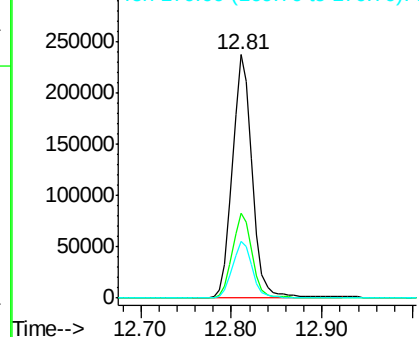


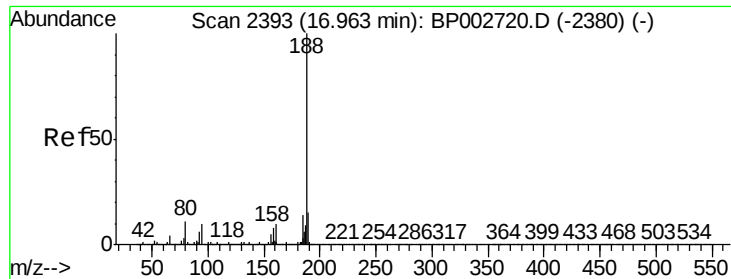
#45
 2-Fluorobiphenyl
 Concen: 14.425 ng
 RT: 12.81 min Scan# 1687
 Delta R.T. -0.01 min
 Lab File: BP002820.D
 Acq: 21 Jul 2020 18:37

Tgt Ion:172 Resp: 362523
 Ion Ratio Lower Upper
 172 100
 171 34.9 28.1 42.1
 170 23.3 19.3 28.9



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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.96 min Scan# 2393

Delta R.T. -0.01 min

Lab File: BP002820.D

Acq: 21 Jul 2020 18:37

Instrument :

BNA_P

ClientSampleId :

EO-03-072020

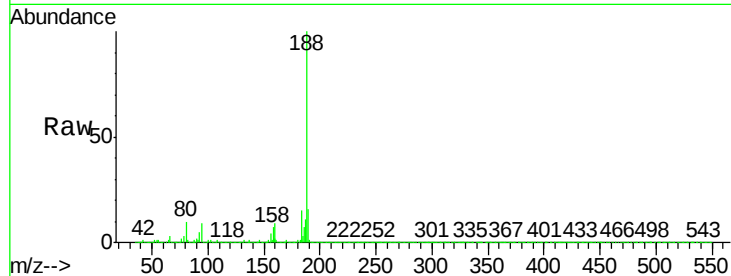
Tot Ion:188 Resp: 744974

Ion Ratio Lower Upper

188 100

94 9.3 8.1 12.1

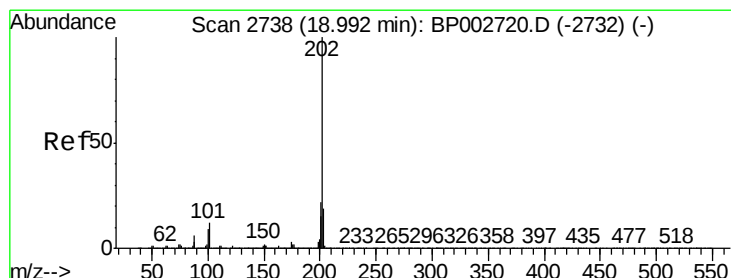
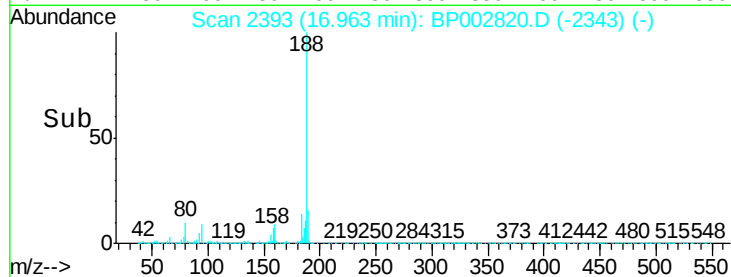
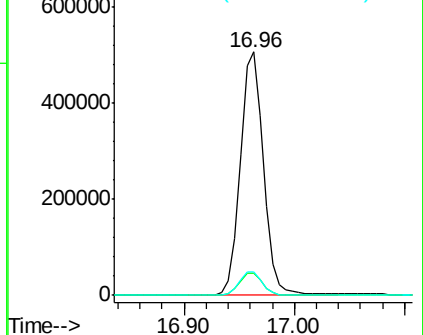
80 9.7 8.9 13.3



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



#75

Fluoranthene

Concen: 2.547 ng

RT: 18.99 min Scan# 2738

Delta R.T. -0.01 min

Lab File: BP002820.D

Acq: 21 Jul 2020 18:37

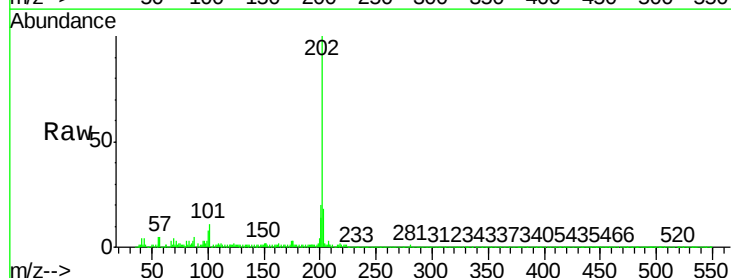
Tgt Ion:202 Resp: 119058

Ion Ratio Lower Upper

202 100

101 11.3 0.0 32.5

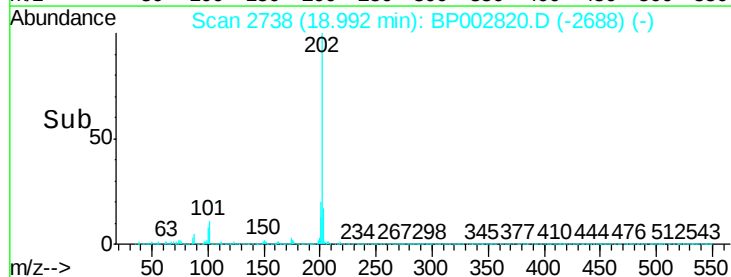
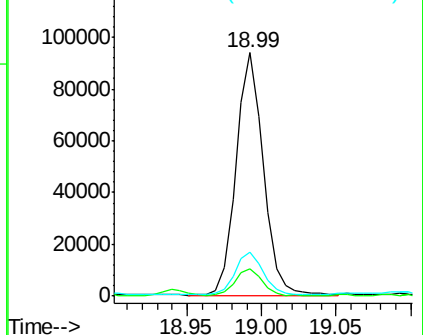
203 17.9 0.0 38.6

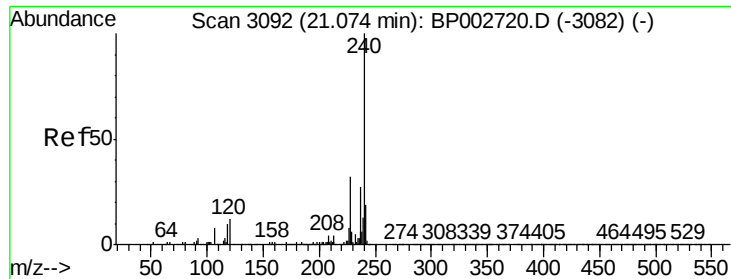


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

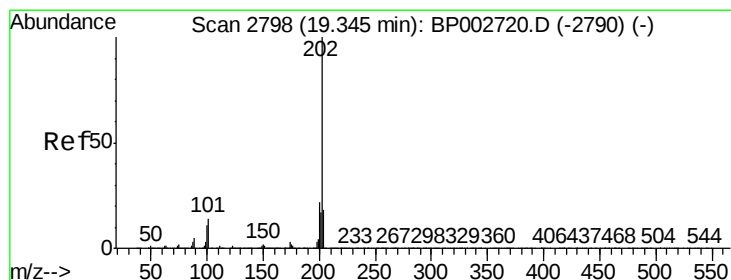
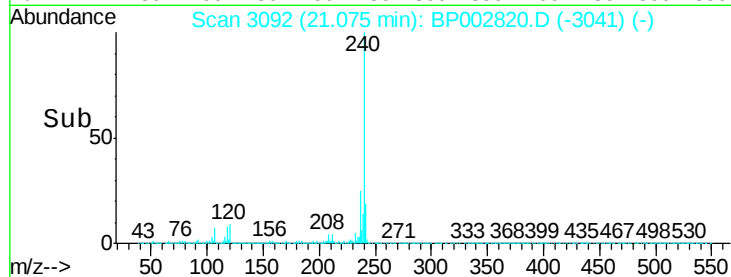
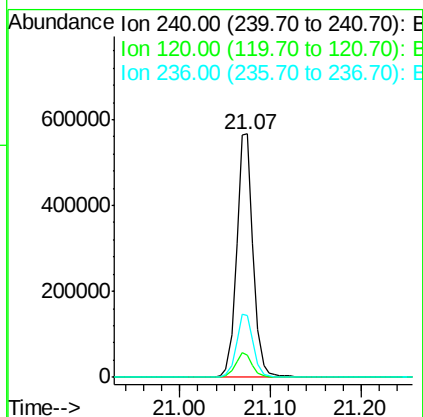
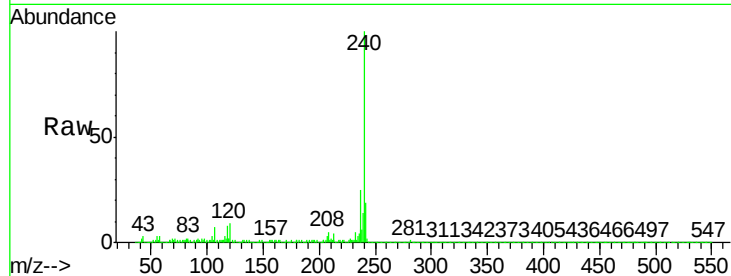




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.07 min Scan# 3092
Delta R.T. 0.00 min
Lab File: BP002820.D
Acq: 21 Jul 2020 18:37

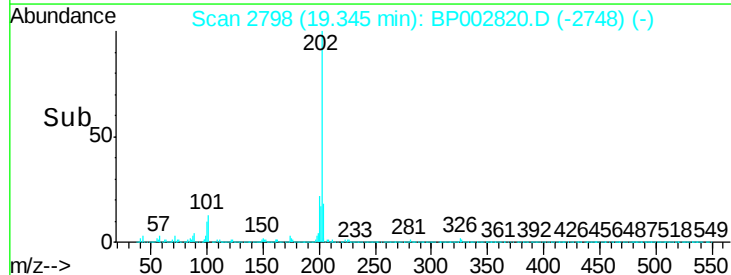
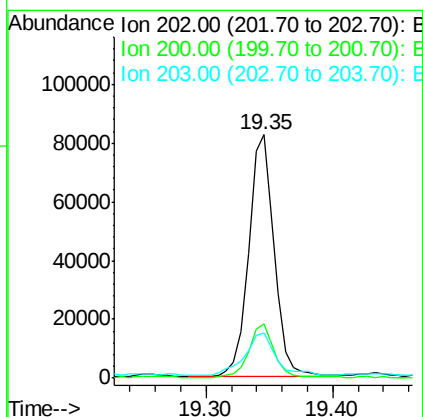
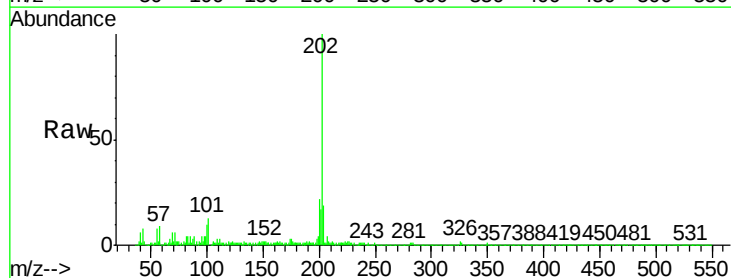
Instrument :
BNA_P
ClientSampleId :
EO-03-072020

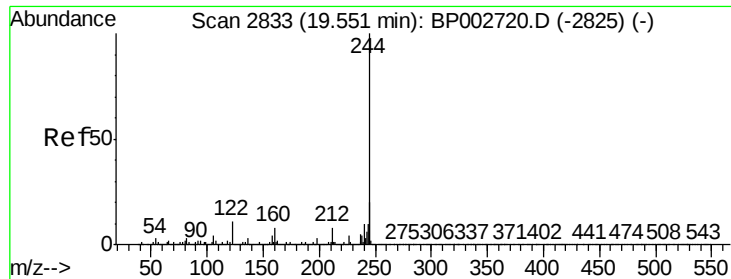
Tot Ion:240 Resp: 720580
Ion Ratio Lower Upper
240 100
120 9.4 9.4 14.2#
236 25.3 21.3 31.9



#78
Pyrene
Concen: 2.318 ng
RT: 19.35 min Scan# 2798
Delta R.T. -0.01 min
Lab File: BP002820.D
Acq: 21 Jul 2020 18:37

Tgt Ion:202 Resp: 115316
Ion Ratio Lower Upper
202 100
200 22.3 17.7 26.5
203 18.6 14.5 21.7





#79

Terphenyl-d14

Concen: 13.243 ng

RT: 19.55 min Scan# 2833

Delta R.T. -0.01 min

Lab File: BP002820.D

Acq: 21 Jul 2020 18:37

Instrument :

BNA_P

ClientSampleId :

EO-03-072020

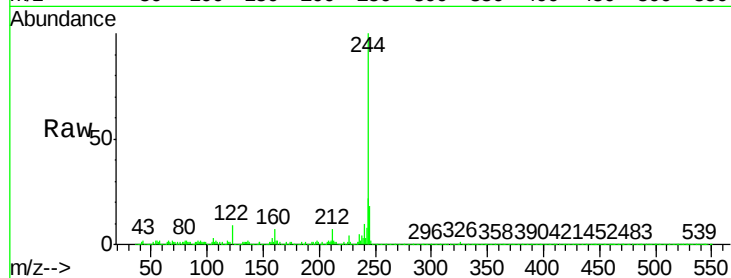
Tot Ion:244 Resp: 416204

Ion Ratio Lower Upper

244 100

212 6.9 6.0 9.0

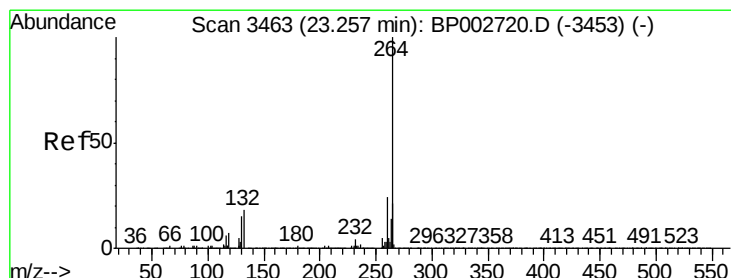
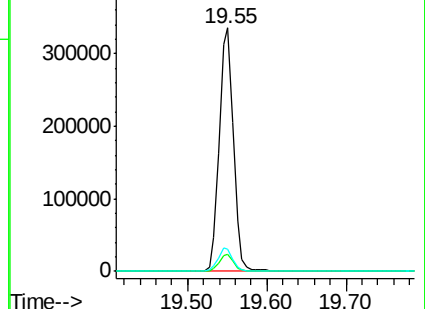
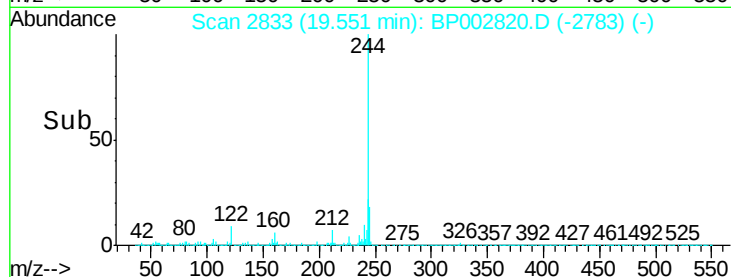
122 9.3 8.9 13.3



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: 23.26 min Scan# 3464

Delta R.T. 0.00 min

Lab File: BP002820.D

Acq: 21 Jul 2020 18:37

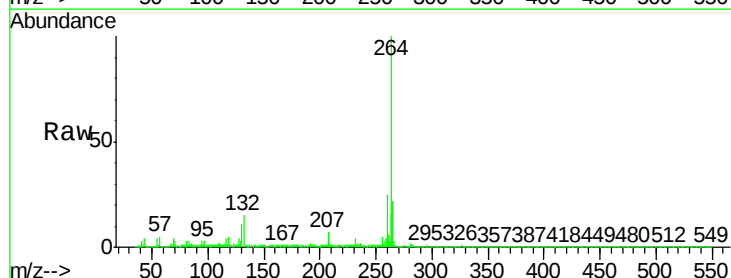
Tgt Ion:264 Resp: 767869

Ion Ratio Lower Upper

264 100

260 24.7 19.3 28.9

265 22.4 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

