

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111919\
 Data File : BF117881.D
 Acq On : 20 Nov 2019 4:22
 Operator : JU
 Sample : K5908-04
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-8-3-(6-12)

Quant Time: Nov 20 05:46:28 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 13 18:36:07 2019
 Response via : Initial Calibration

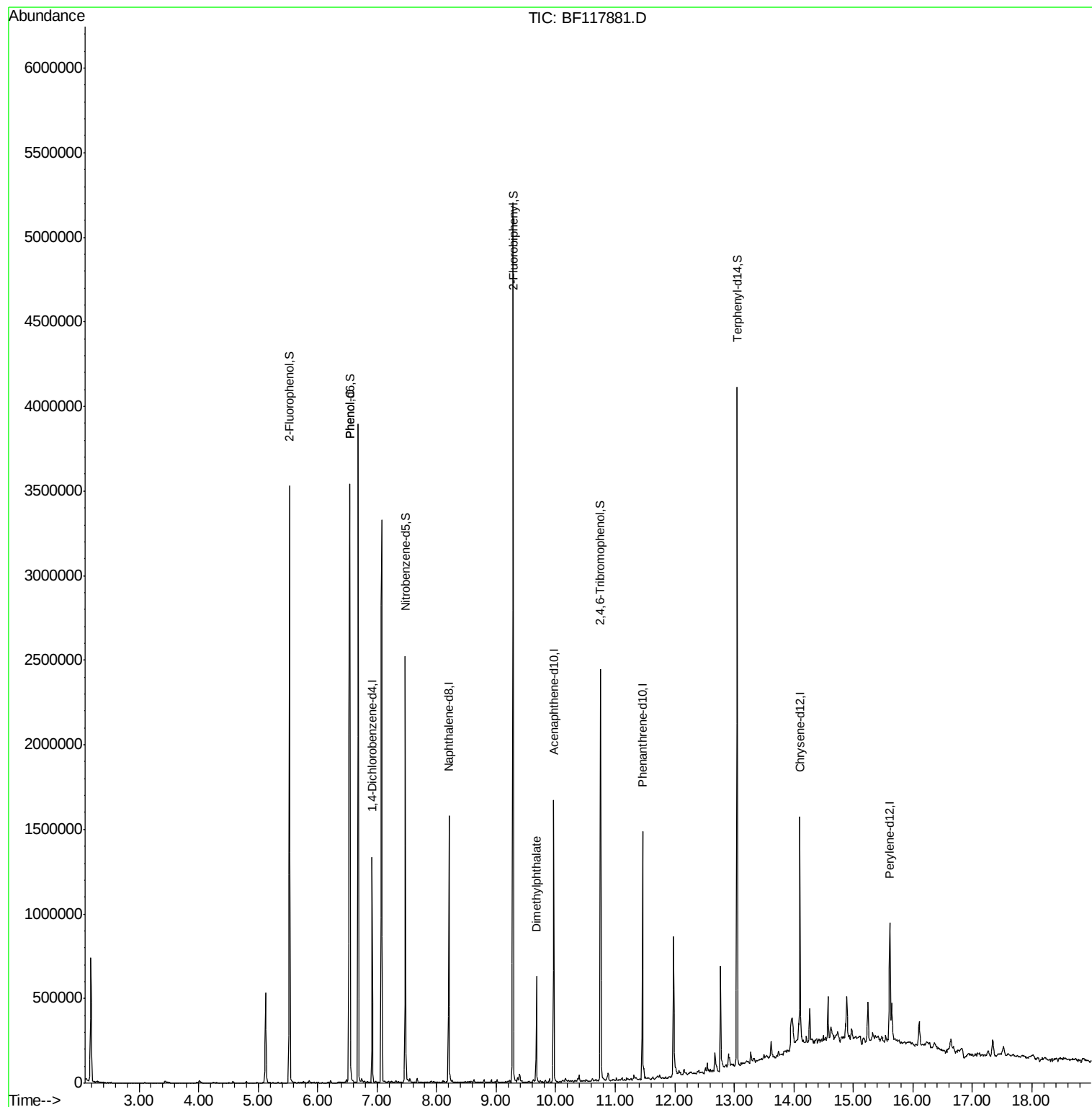
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	180347	20.00	ng	-0.01
21) Naphthalene-d8	8.20	136	707324	20.00	ng	-0.01
39) Acenaphthene-d10	9.96	164	333295	20.00	ng	-0.01
64) Phenanthrene-d10	11.46	188	500473	20.00	ng	-0.01
76) Chrysene-d12	14.10	240	388704	20.00	ng	-0.01
87) Perylene-d12	15.61	264	329012	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	961685	94.39	ng	0.00
7) Phenol-d6	6.54	99	1320076	107.42	ng	0.00
23) Nitrobenzene-d5	7.47	82	765501	64.34	ng	-0.02
42) 2,4,6-Tribromophenol	10.76	330	303022	85.88	ng	-0.01
45) 2-Fluorobiphenyl	9.28	172	1488336	80.11	ng	-0.01
79) Terphenyl-d14	13.05	244	1331111	62.59	ng	-0.01
Target Compounds						
10) Phenol	6.55	94	74105	5.803	ng	92
50) Dimethylphthalate	9.67	163	246652	10.553	ng	98

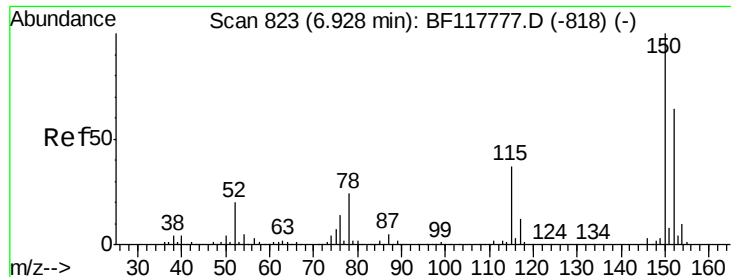
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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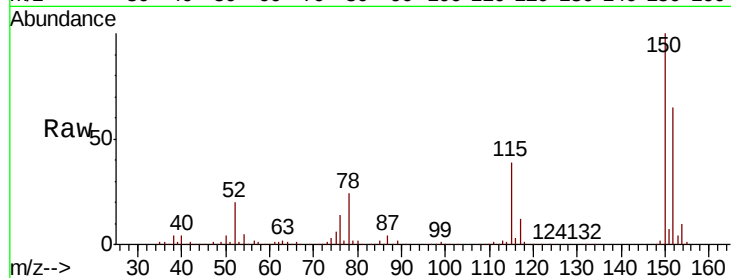


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.92 min Scan# 821
 Delta R.T. -0.01 min
 Lab File: BF117881.D
 Acq: 20 Nov 2019 4:22

Instrument :
 BNA_F
 ClientSampleId :
 B-8-3-(6-12)

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.0	125.3	187.9
115	60.3	47.0	70.4

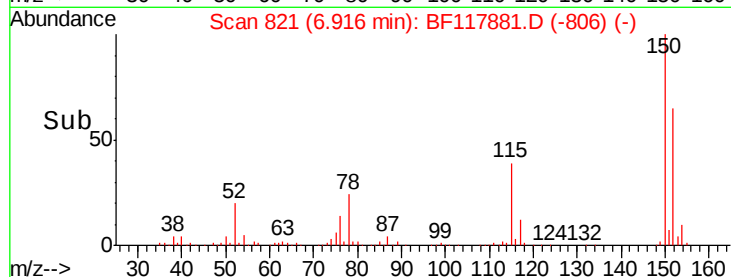
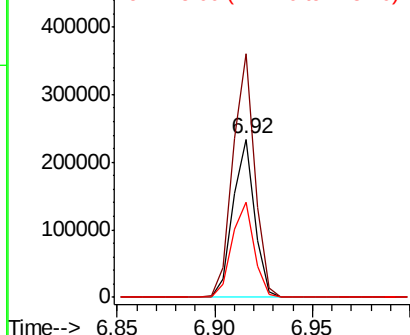


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

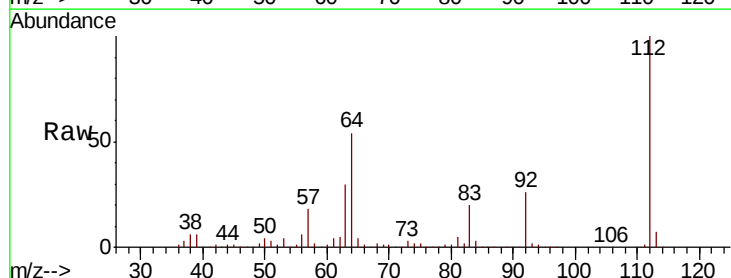
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 94.389 ng
 RT: 5.53 min Scan# 585
 Delta R.T. -0.01 min
 Lab File: BF117881.D
 Acq: 20 Nov 2019 4:22

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.9	45.6	68.4
63	30.2	24.1	36.1

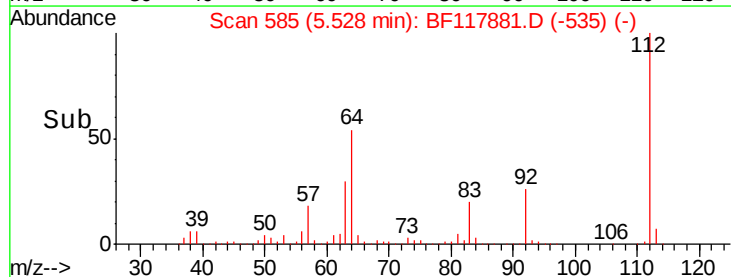
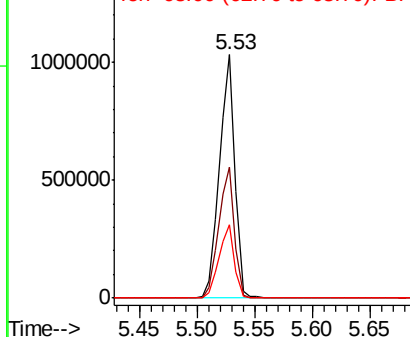


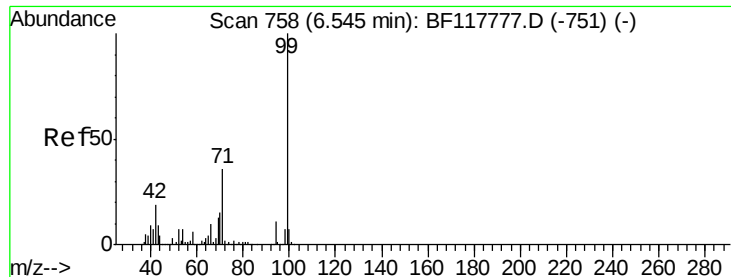
Abundance

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: 107.420 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF117881.D

Acq: 20 Nov 2019 4:22

Instrument :

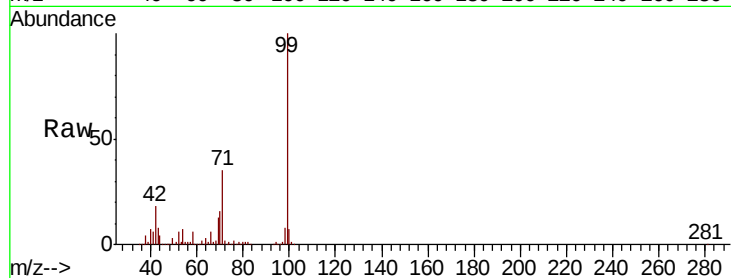
BNA_F

ClientSampleId :

B-8-3-(6-12)

Tot Ion: 99 Resp: 1320076

Ion	Ratio	Lower	Upper
99	100		
42	17.9	14.9	22.3
71	35.5	28.6	43.0

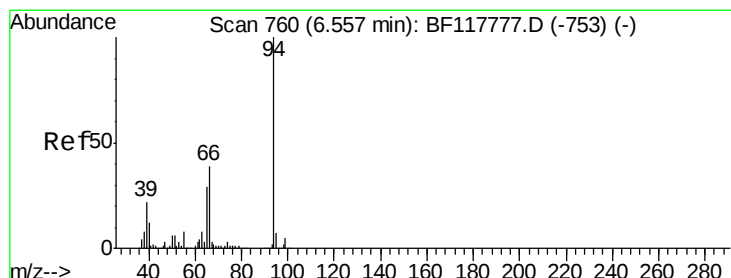
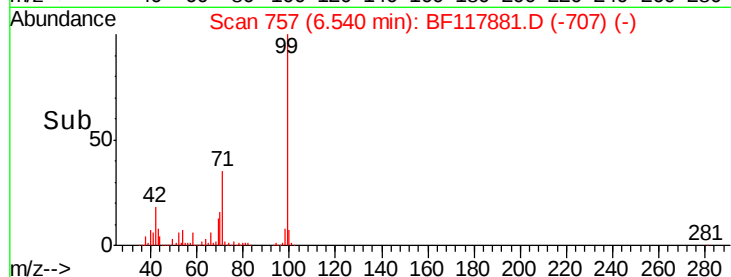
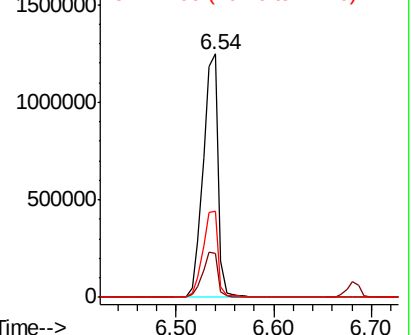


Abundance

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



#10

Phenol

Concen: 5.803 ng

RT: 6.55 min Scan# 758

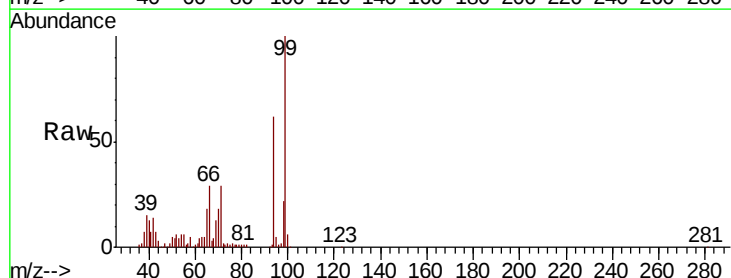
Delta R.T. -0.01 min

Lab File: BF117881.D

Acq: 20 Nov 2019 4:22

Tgt Ion: 94 Resp: 74105

Ion	Ratio	Lower	Upper
94	100		
65	29.6	8.9	48.9
66	47.0	18.7	58.7

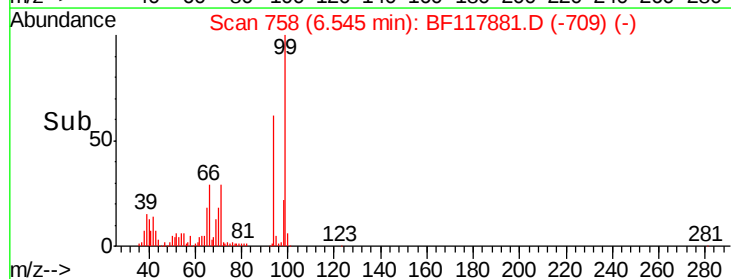
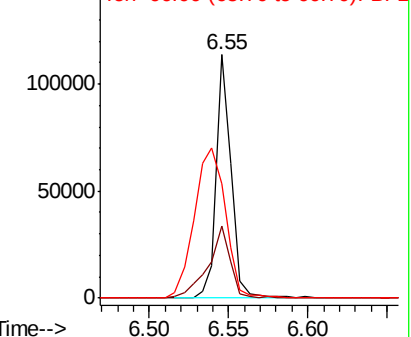


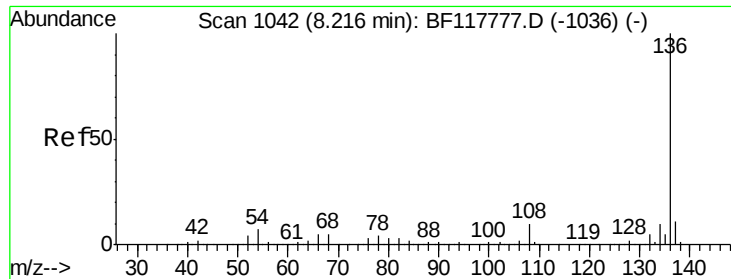
Abundance

Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

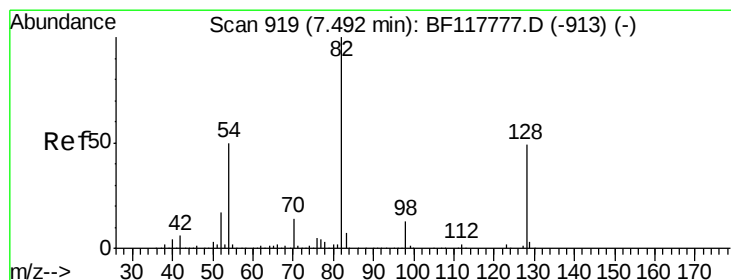
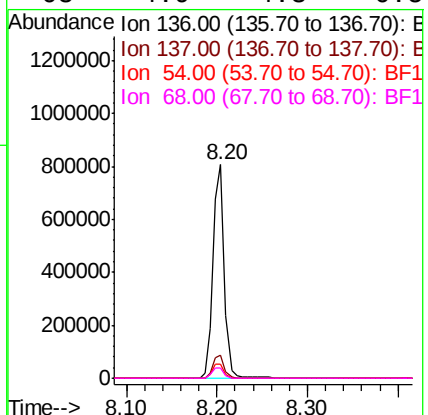
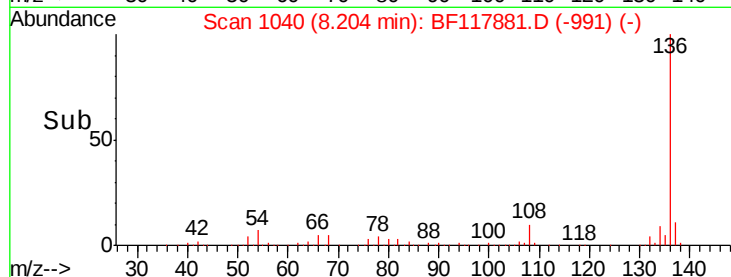
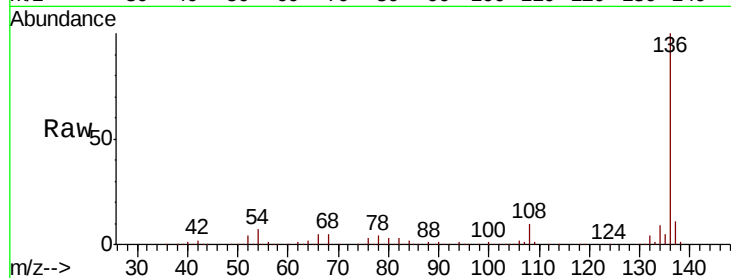




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.20 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BF117881.D
Acq: 20 Nov 2019 4:22

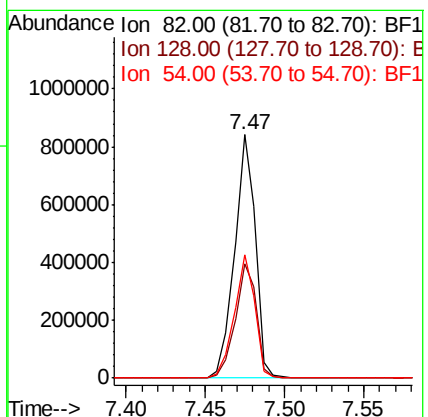
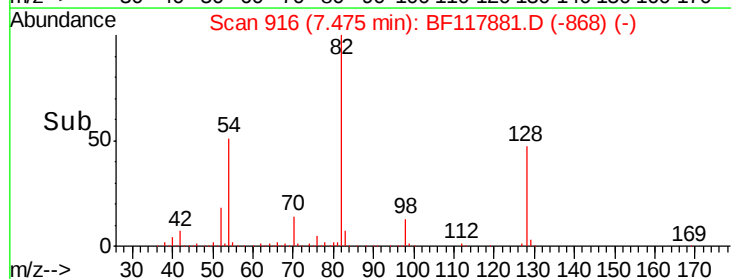
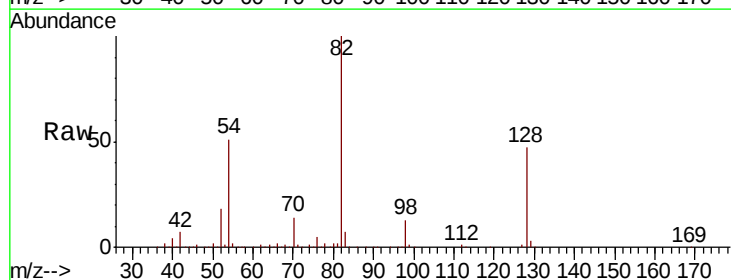
Instrument :
BNA_F
ClientSampleId :
B-8-3-(6-12)

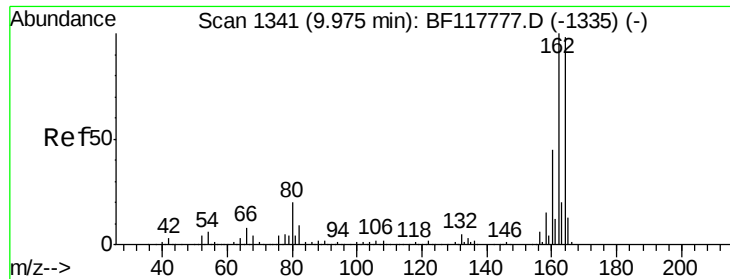
Tot Ion:136	Resp:	707324
Ion Ratio	Lower	Upper
136	100	
137	10.9	9.0 13.4
54	6.5	5.4 8.2
68	4.9	4.3 6.5



#23
Nitrobenzene-d5
Concen: 64.335 ng
RT: 7.47 min Scan# 916
Delta R.T. -0.02 min
Lab File: BF117881.D
Acq: 20 Nov 2019 4:22

Tgt Ion: 82	Resp:	765501
Ion Ratio	Lower	Upper
82	100	
128	47.2	38.9 58.3
54	50.9	39.8 59.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.96 min Scan# 1339

Delta R.T. -0.01 min

Lab File: BF117881.D

Acq: 20 Nov 2019 4:22

Instrument :

BNA_F

ClientSampleId :

B-8-3-(6-12)

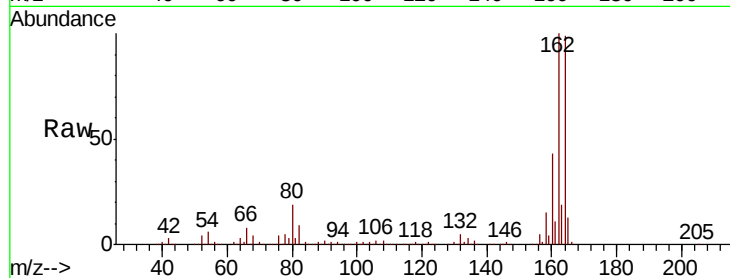
Tot Ion:164 Resp: 333295

Ion Ratio Lower Upper

164 100

162 101.3 81.3 121.9

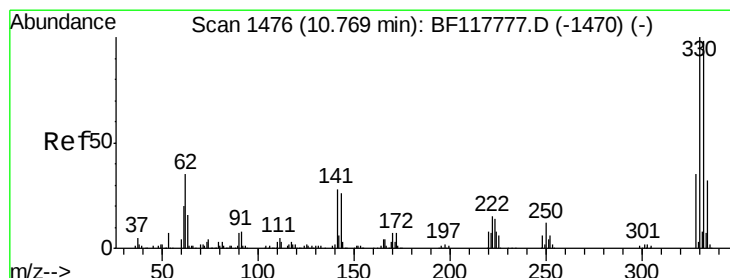
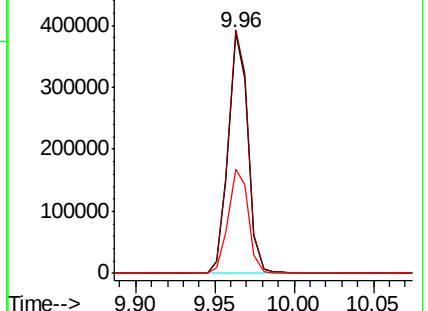
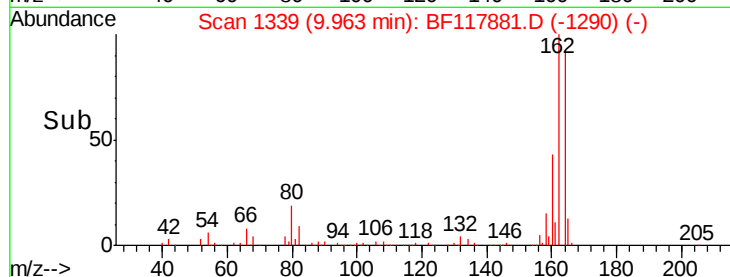
160 43.5 36.6 55.0



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: 85.877 ng

RT: 10.76 min Scan# 1474

Delta R.T. -0.01 min

Lab File: BF117881.D

Acq: 20 Nov 2019 4:22

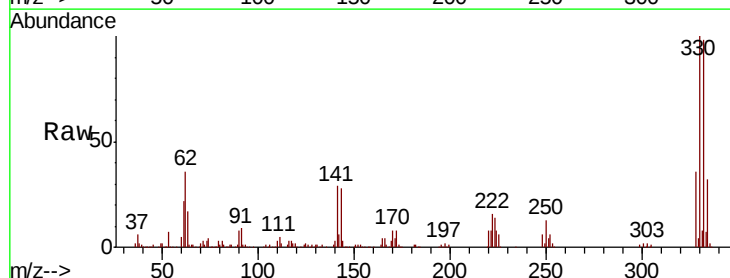
Tgt Ion:330 Resp: 303022

Ion Ratio Lower Upper

330 100

332 97.3 76.7 115.1

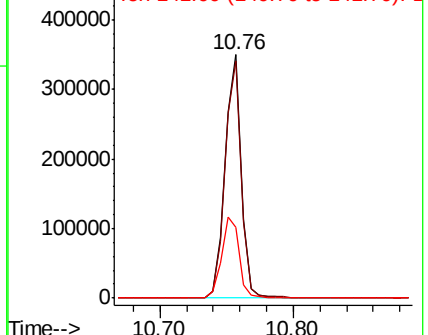
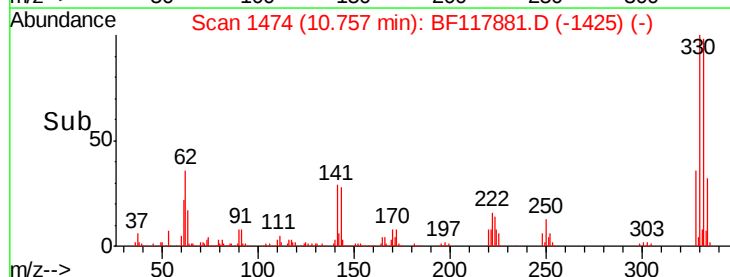
141 35.9 27.7 41.5

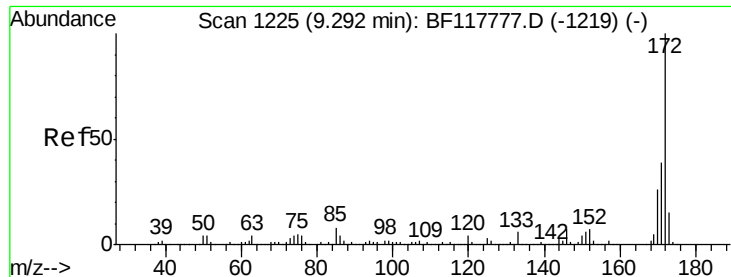


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

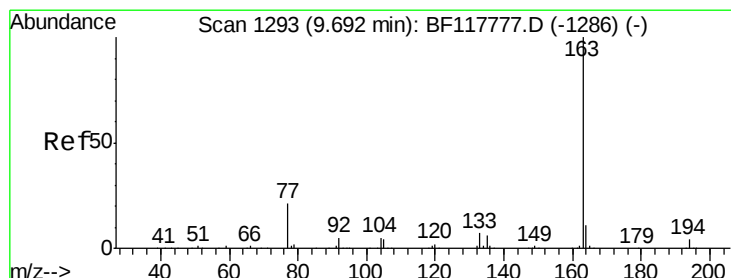
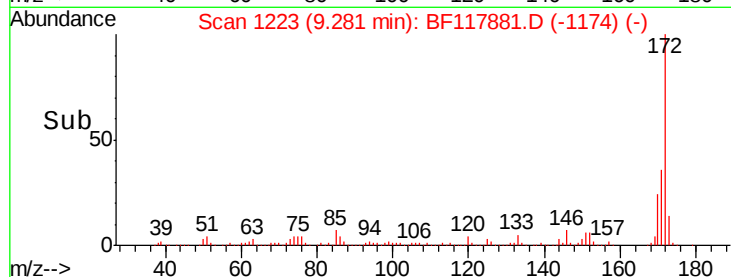
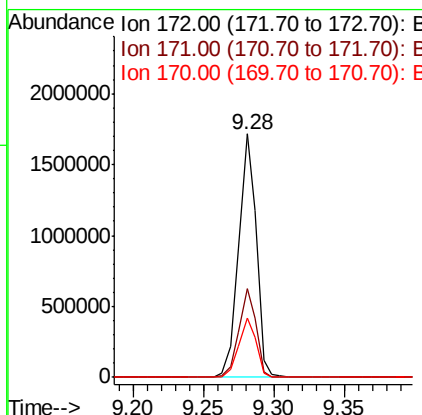
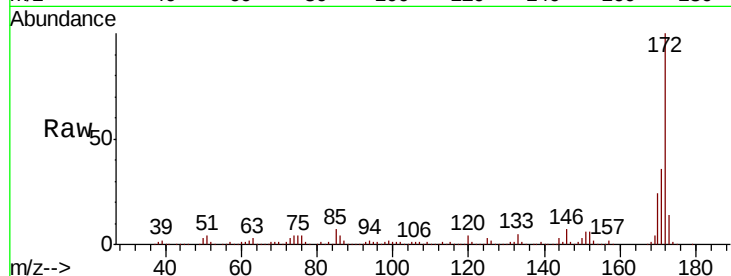




#45
2-Fluorobiphenyl
Concen: 80.113 ng
RT: 9.28 min Scan# 1223
Delta R.T. -0.01 min
Lab File: BF117881.D
Acq: 20 Nov 2019 4:22

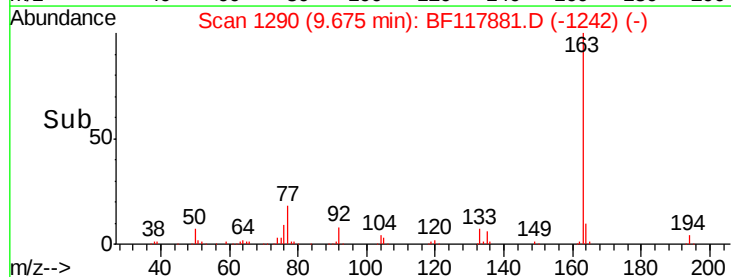
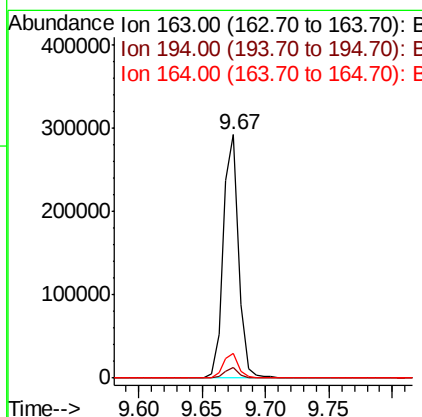
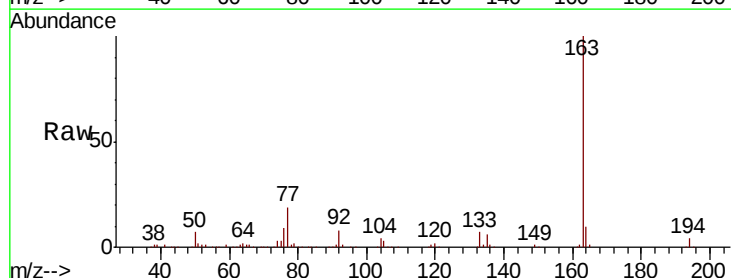
Instrument :
BNA_F
ClientSampleId :
B-8-3-(6-12)

Tot Ion:172 Resp: 1488336
Ion Ratio Lower Upper
172 100
171 36.5 30.9 46.3
170 24.4 21.0 31.4



#50
Dimethylphthalate
Concen: 10.553 ng
RT: 9.67 min Scan# 1290
Delta R.T. -0.02 min
Lab File: BF117881.D
Acq: 20 Nov 2019 4:22

Tgt Ion:163 Resp: 246652
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 9.9 8.7 13.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.46 min Scan# 1593

Delta R.T. -0.01 min

Lab File: BF117881.D

Acq: 20 Nov 2019 4:22

Instrument :

BNA_F

ClientSampleId :

B-8-3-(6-12)

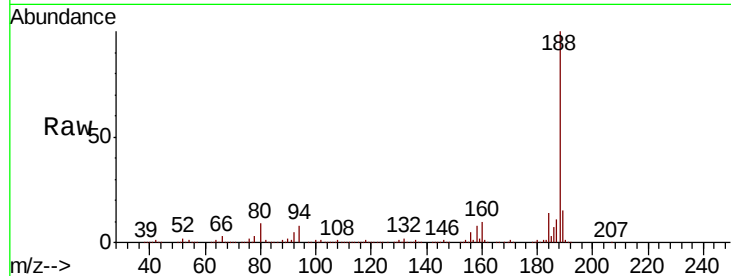
Tot Ion:188 Resp: 500473

Ion Ratio Lower Upper

188 100

94 8.4 6.6 10.0

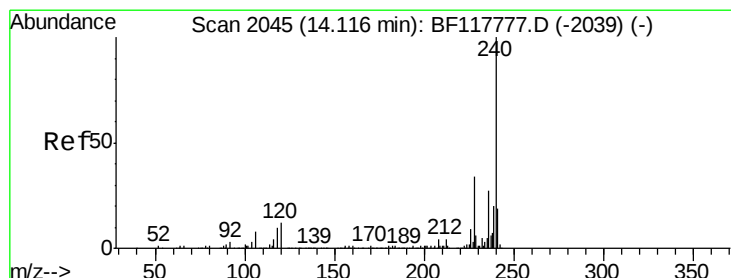
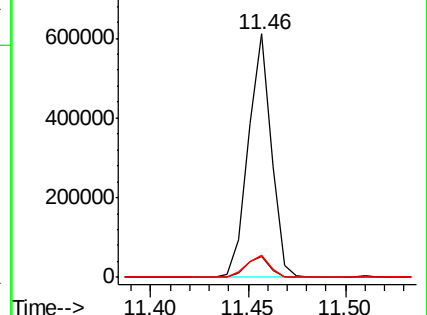
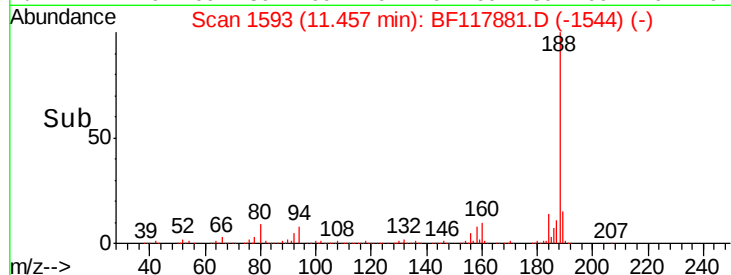
80 8.9 7.2 10.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.10 min Scan# 2043

Delta R.T. -0.01 min

Lab File: BF117881.D

Acq: 20 Nov 2019 4:22

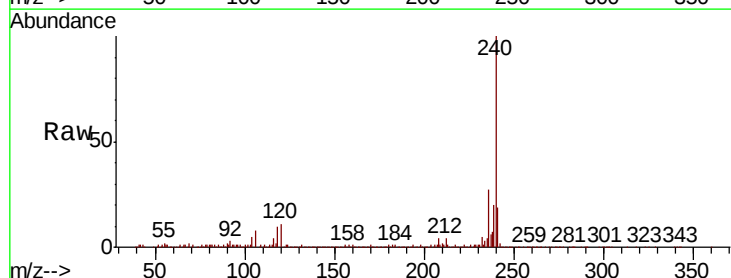
Tgt Ion:240 Resp: 388704

Ion Ratio Lower Upper

240 100

120 11.4 9.5 14.3

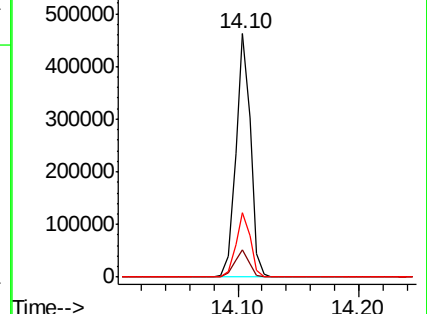
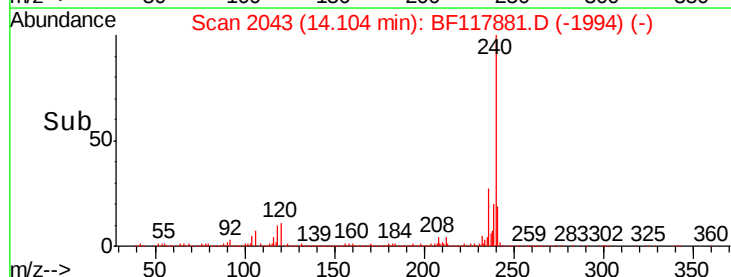
236 26.7 21.3 31.9

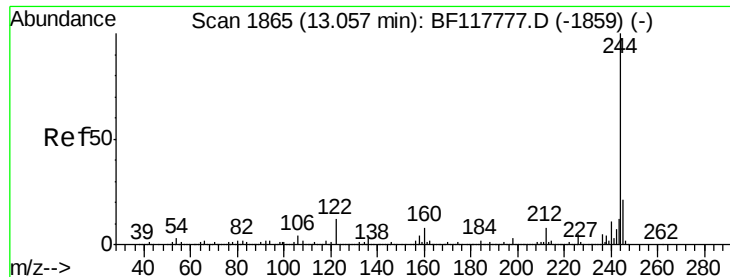


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 62.586 ng

RT: 13.05 min Scan# 1863

Delta R.T. -0.01 min

Lab File: BF117881.D

Acq: 20 Nov 2019 4:22

Instrument :

BNA_F

ClientSampleId :

B-8-3-(6-12)

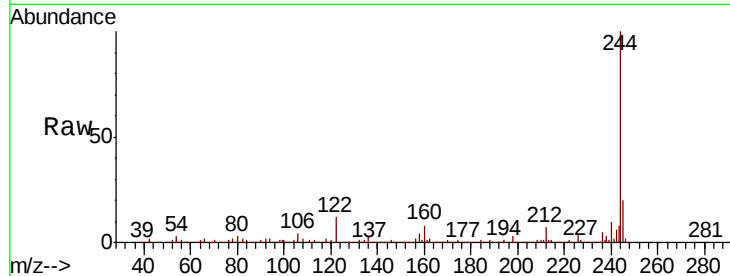
Tot Ion:244 Resp: 1331111

Ion Ratio Lower Upper

244 100

212 7.3 6.3 9.5

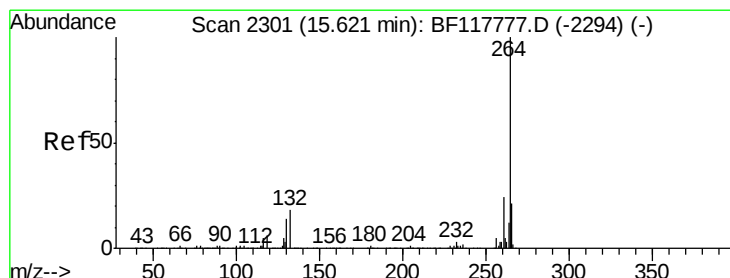
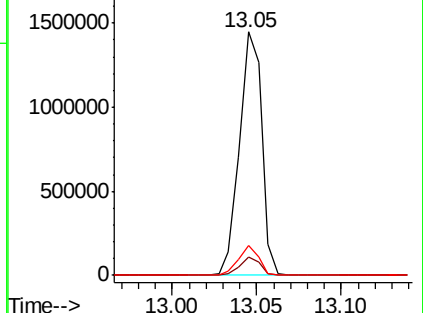
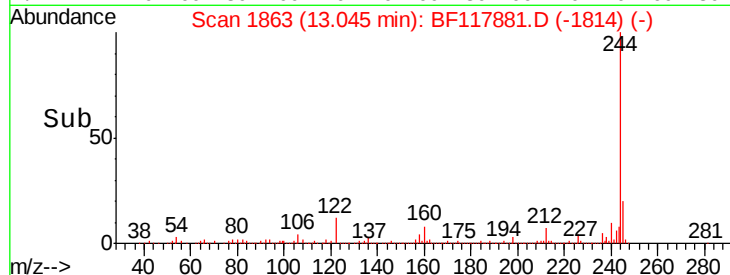
122 12.3 9.4 14.2



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: 15.61 min Scan# 2299

Delta R.T. -0.01 min

Lab File: BF117881.D

Acq: 20 Nov 2019 4:22

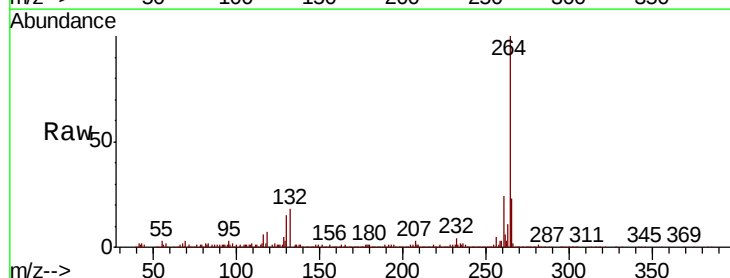
Tgt Ion:264 Resp: 329012

Ion Ratio Lower Upper

264 100

260 24.0 19.4 29.0

265 22.7 17.1 25.7



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

