

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090518\  
 Data File : BF108802.D  
 Acq On : 6 Sep 2018 4:00  
 Operator : JU/SJ  
 Sample : J4782-02  
 Misc :  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 ENY-SB-04-05-06-07-08-09-9.5-10

Quant Time: Sep 06 08:08:41 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF090518.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Sep 05 18:03:31 2018  
 Response via : Initial Calibration

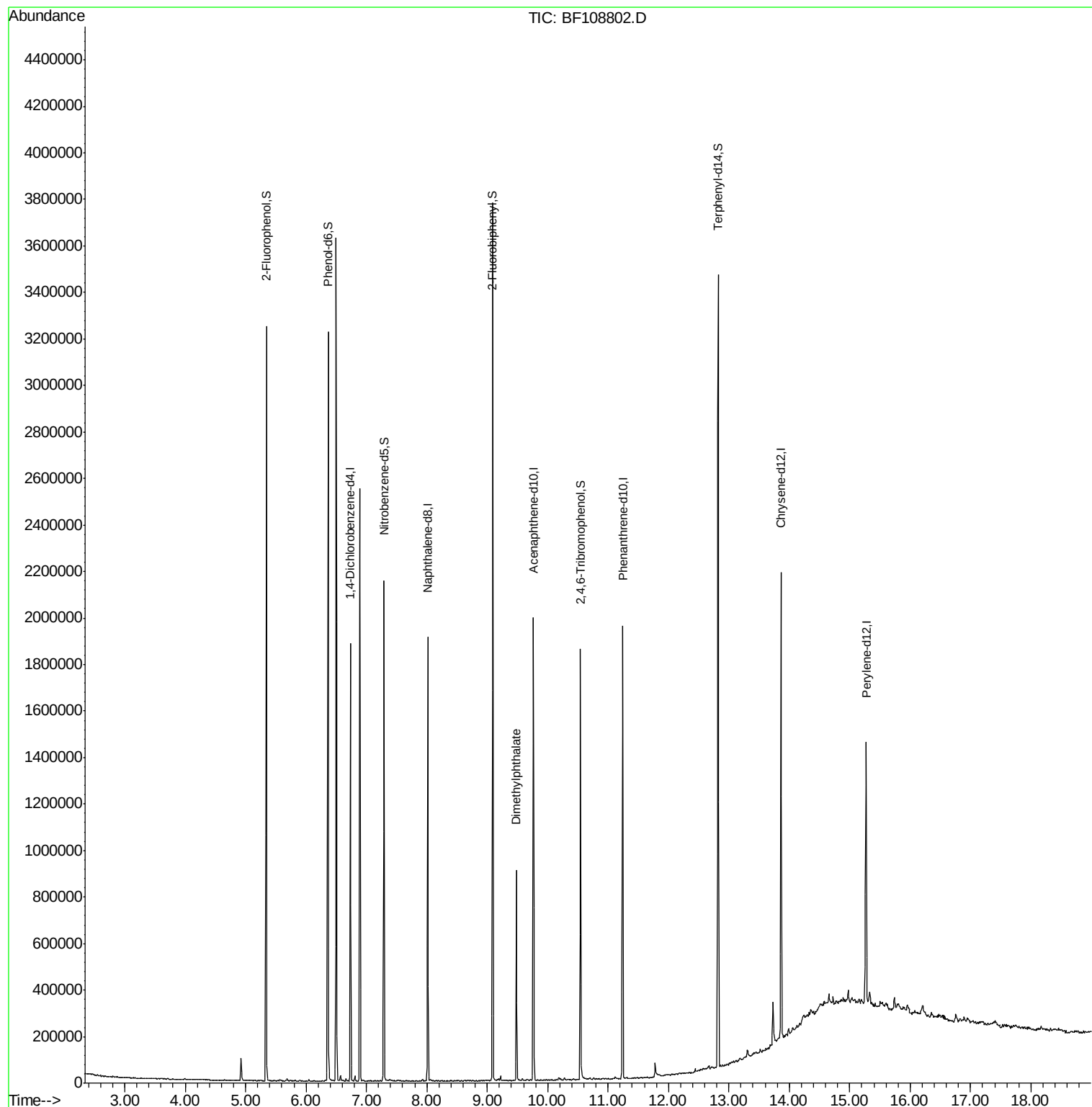
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min)  |
|-----------------------------|-------|------|----------|--------|-------|-----------|
| 1) 1,4-Dichlorobenzene-d4   | 6.74  | 152  | 245639   | 20.00  | ng    | 0.00      |
| 21) Naphthalene-d8          | 8.02  | 136  | 850874   | 20.00  | ng    | 0.00      |
| 38) Acenaphthene-d10        | 9.77  | 164  | 345593   | 20.00  | ng    | 0.00      |
| 63) Phenanthrene-d10        | 11.24 | 188  | 638737   | 20.00  | ng    | 0.00      |
| 75) Chrysene-d12            | 13.87 | 240  | 620870   | 20.00  | ng    | 0.00      |
| 86) Perylene-d12            | 15.27 | 264  | 486044   | 20.00  | ng    | 0.00      |
| System Monitoring Compounds |       |      |          |        |       |           |
| 5) 2-Fluorophenol           | 5.34  | 112  | 861862   | 58.13  | ng    | 0.00      |
| 7) Phenol-d6                | 6.37  | 99   | 1129366  | 59.20  | ng    | 0.00      |
| 23) Nitrobenzene-d5         | 7.29  | 82   | 611394   | 44.97  | ng    | -0.01     |
| 41) 2,4,6-Tribromophenol    | 10.55 | 330  | 224215   | 67.96  | ng    | 0.00      |
| 44) 2-Fluorobiphenyl        | 9.09  | 172  | 1072030  | 52.92  | ng    | 0.00      |
| 78) Terphenyl-d14           | 12.82 | 244  | 1086139  | 40.79  | ng    | 0.00      |
| Target Compounds            |       |      |          |        |       |           |
| 49) Dimethylphthalate       | 9.48  | 163  | 309733   | 12.814 | ng    | Qvalue 99 |

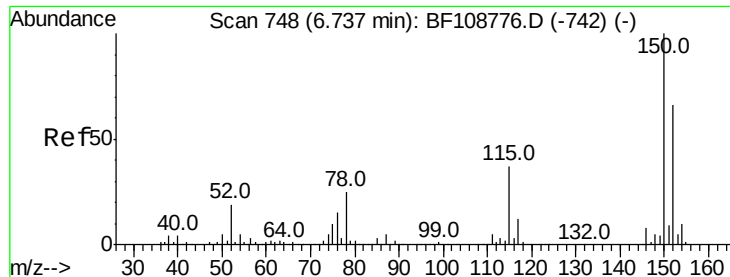
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090518\  
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QLast Update : Wed Sep 05 18:03:31 2018  
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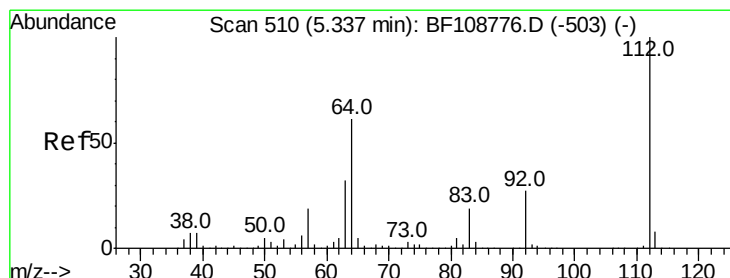
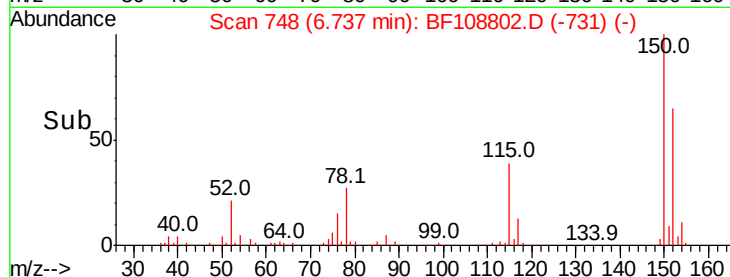
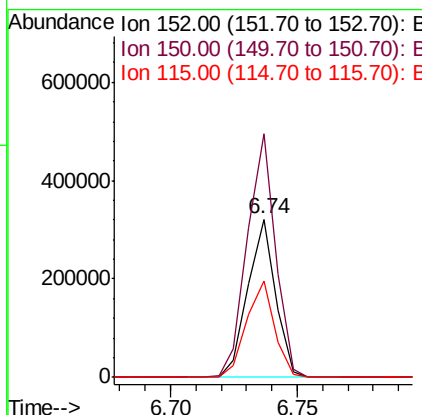
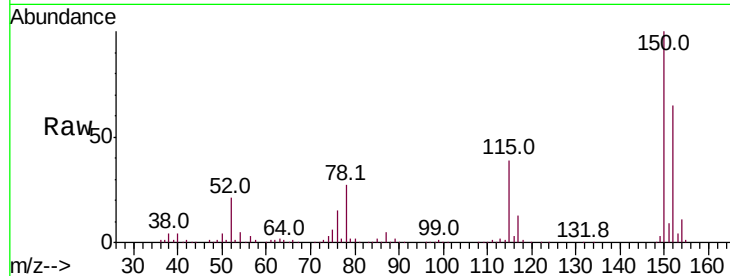


#1

1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.74 min Scan# 748  
Delta R.T. -0.00 min  
Lab File: BF108802.D  
Acq: 6 Sep 2018 4:00

Instrument :  
BNA\_F  
ClientSampleId :  
ENY-SB-04-05-06-07-08-09-9.5-10

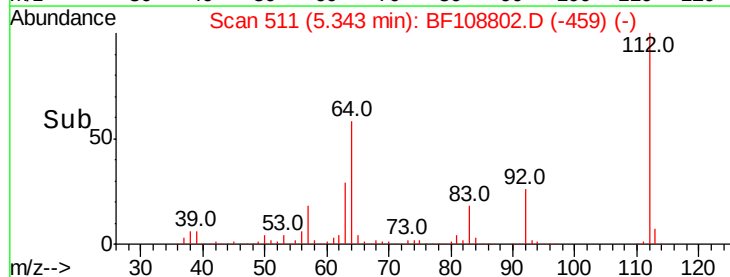
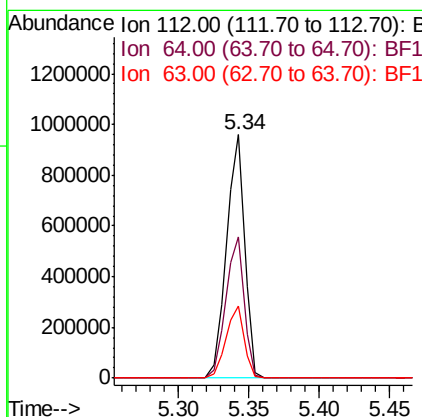
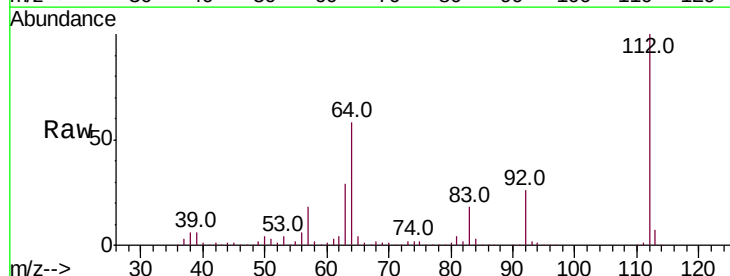
Tot Ion:152 Resp: 245639  
Ion Ratio Lower Upper  
152 100  
150 154.2 124.6 186.8  
115 60.6 50.1 75.1

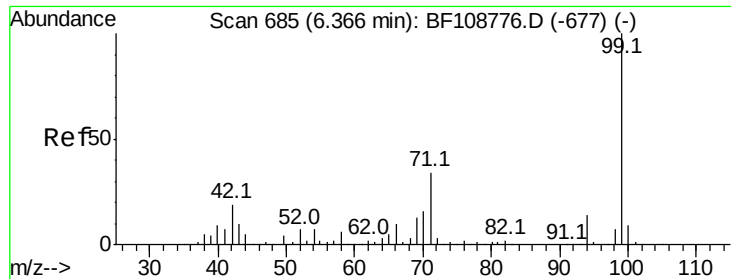


#5

2-Fluorophenol  
Concen: 58.127 ng  
RT: 5.34 min Scan# 511  
Delta R.T. 0.01 min  
Lab File: BF108802.D  
Acq: 6 Sep 2018 4:00

Tgt Ion:112 Resp: 861862  
Ion Ratio Lower Upper  
112 100  
64 57.8 47.9 71.9  
63 29.5 23.7 35.5





#7

Phenol-d6

Concen: 59.198 ng

RT: 6.37 min Scan# 685

Delta R.T. -0.00 min

Lab File: BF108802.D

Acq: 6 Sep 2018 4:00

Instrument :

BNA\_F

ClientSampleId :

ENY-SB-04-05-06-07-08-09-9.5-10

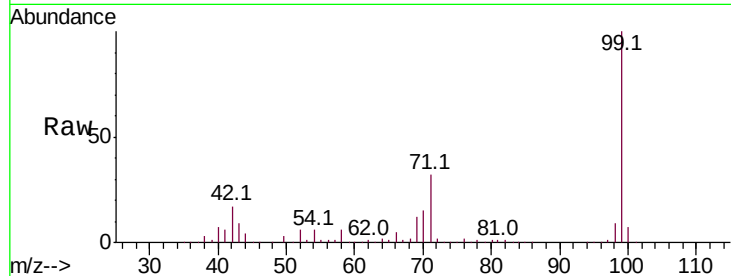
Tot Ion: 99 Resp: 1129366

Ion Ratio Lower Upper

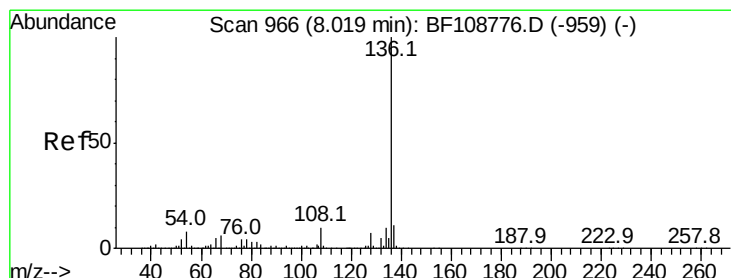
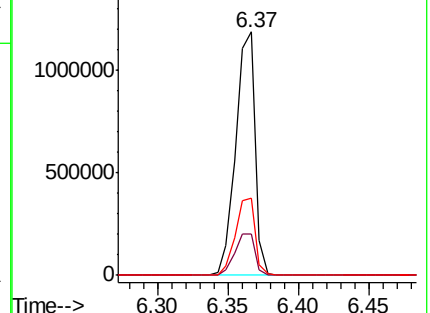
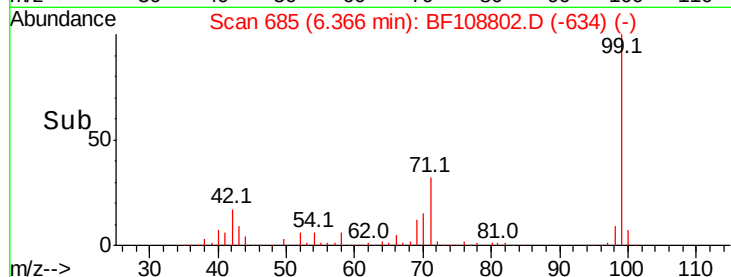
99 100

42 17.1 14.5 21.7

71 31.7 25.4 38.0



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.02 min Scan# 966

Delta R.T. -0.00 min

Lab File: BF108802.D

Acq: 6 Sep 2018 4:00

Tgt Ion: 136 Resp: 850874

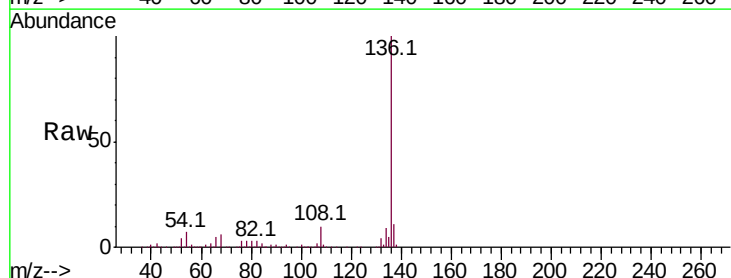
Ion Ratio Lower Upper

136 100

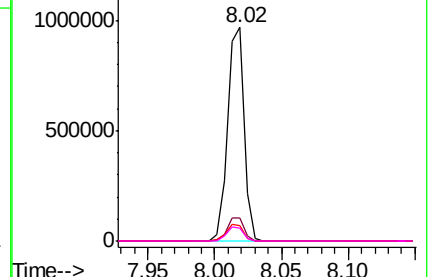
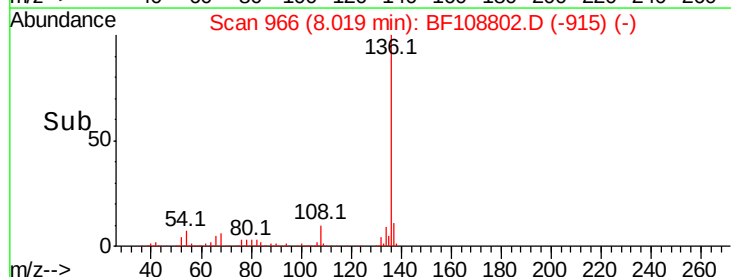
137 10.9 8.9 13.3

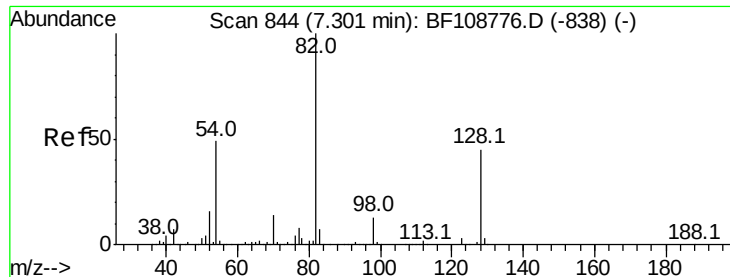
54 7.2 6.6 9.8

68 6.3 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

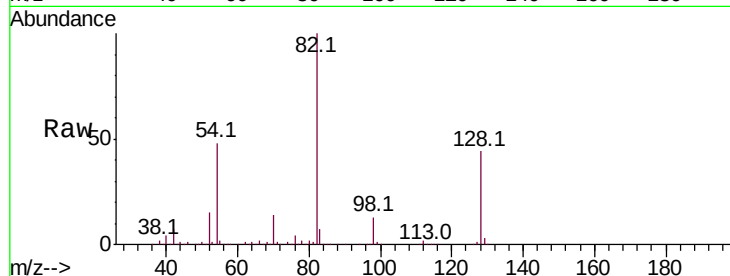




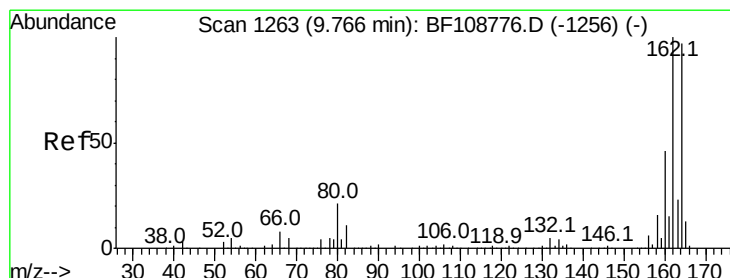
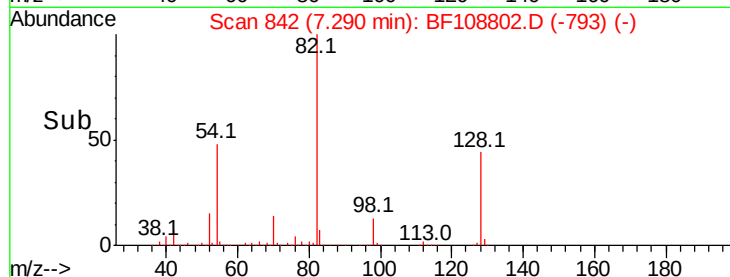
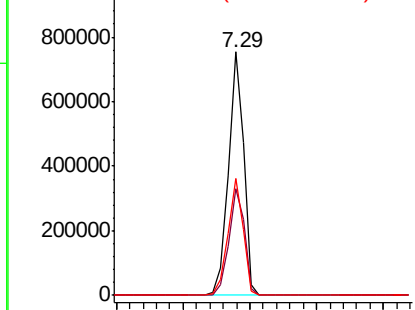
#23  
 Nitrobenzene-d5  
 Concen: 44.967 ng  
 RT: 7.29 min Scan# 842  
 Delta R.T. -0.01 min  
 Lab File: BF108802.D  
 Acq: 6 Sep 2018 4:00

Instrument :  
 BNA\_F  
 ClientSampleId :  
 ENY-SB-04-05-06-07-08-09-9.5-10

Tot Ion: 82 Resp: 611394  
 Ion Ratio Lower Upper  
 82 100  
 128 43.7 36.1 54.1  
 54 47.8 41.4 62.2

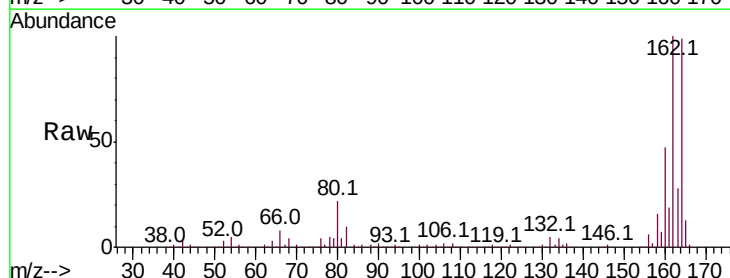


Abundance Ion 82.00 (81.70 to 82.70): BF1  
 Ion 128.00 (127.70 to 128.70): E  
 Ion 54.00 (53.70 to 54.70): BF1

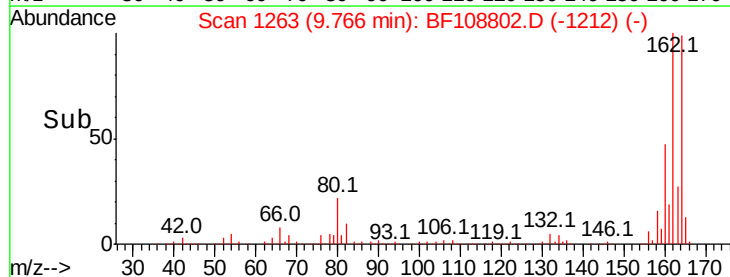
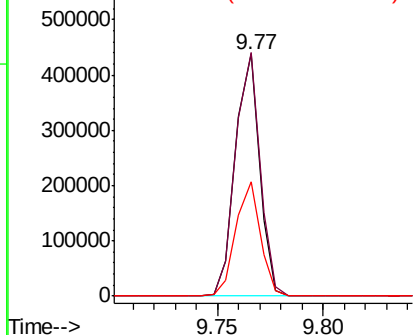


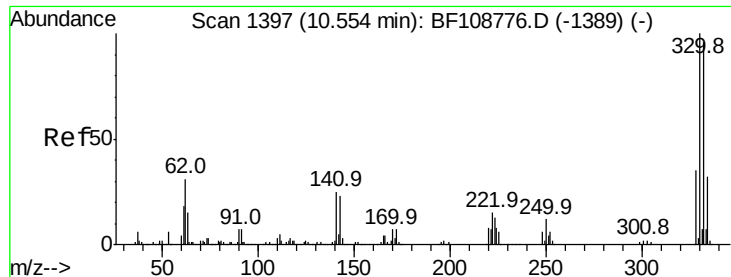
#38  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 9.77 min Scan# 1263  
 Delta R.T. -0.00 min  
 Lab File: BF108802.D  
 Acq: 6 Sep 2018 4:00

Tgt Ion: 164 Resp: 345593  
 Ion Ratio Lower Upper  
 164 100  
 162 100.7 86.1 129.1  
 160 47.5 38.3 57.5



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

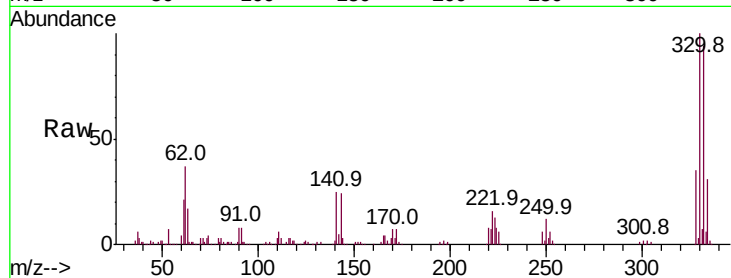




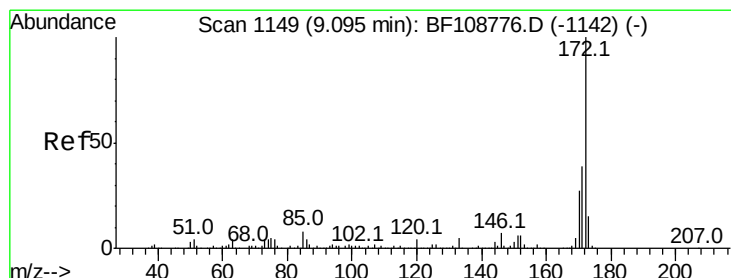
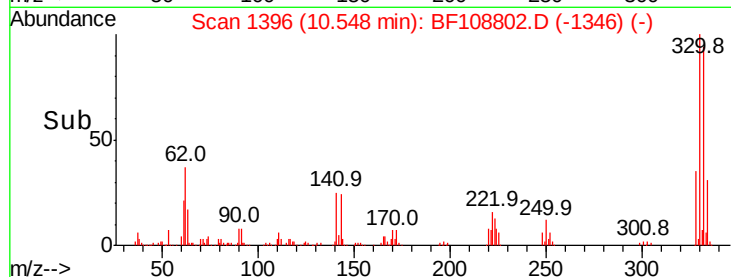
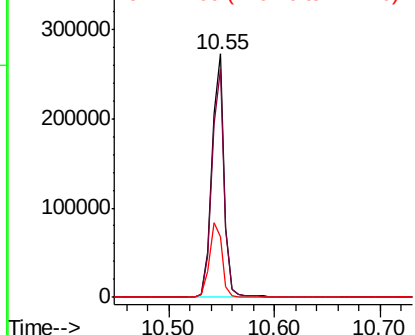
#41  
 2,4,6-Tribromophenol  
 Concen: 67.960 ng  
 RT: 10.55 min Scan# 1396  
 Delta R.T. -0.01 min  
 Lab File: BF108802.D  
 Acq: 6 Sep 2018 4:00

Instrument :  
 BNA\_F  
 ClientSampleId :  
 ENY-SB-04-05-06-07-08-09-9.5-10

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 94.1  | 77.0  | 115.6 |
| 141     | 31.7  | 29.9  | 44.9  |

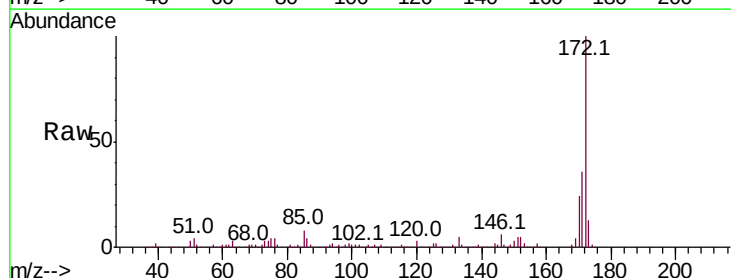


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

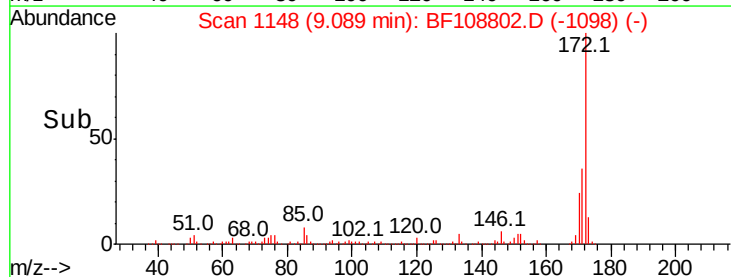
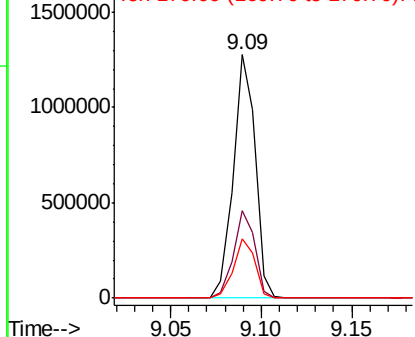


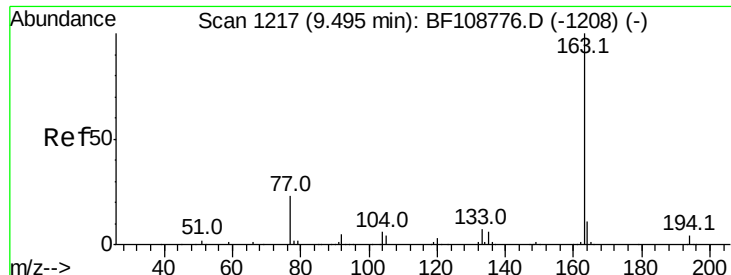
#44  
 2-Fluorobiphenyl  
 Concen: 52.920 ng  
 RT: 9.09 min Scan# 1148  
 Delta R.T. -0.01 min  
 Lab File: BF108802.D  
 Acq: 6 Sep 2018 4:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 36.0  | 29.7  | 44.5  |
| 170     | 24.5  | 19.6  | 29.4  |



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





#49

Dimethylphthalate

Concen: 12.814 ng

RT: 9.48 min Scan# 1215

Delta R.T. -0.01 min

Lab File: BF108802.D

Acq: 6 Sep 2018 4:00

Instrument :

BNA\_F

ClientSampleId :

ENY-SB-04-05-06-07-08-09-9.5-10

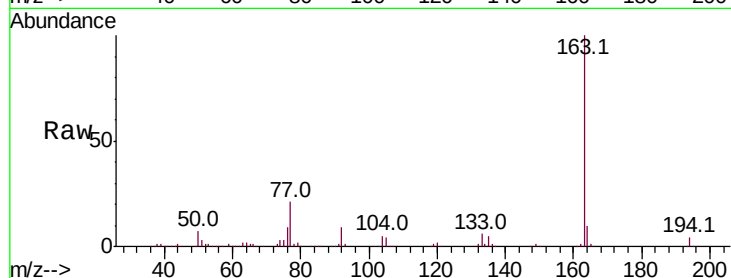
Tot Ion:163 Resp: 309733

Ion Ratio Lower Upper

163 100

194 3.8 2.7 4.1

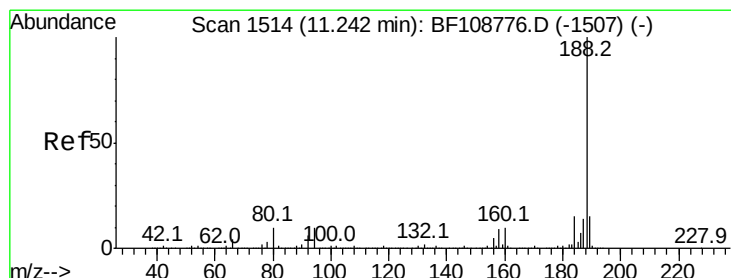
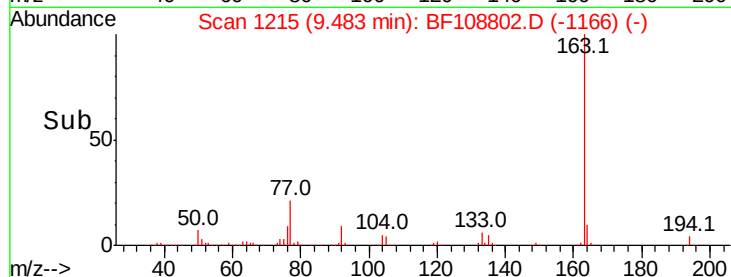
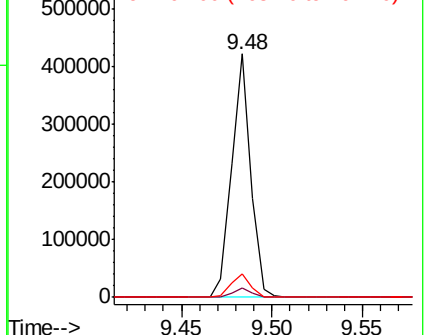
164 9.7 8.2 12.2



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



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.24 min Scan# 1514

Delta R.T. 0.00 min

Lab File: BF108802.D

Acq: 6 Sep 2018 4:00

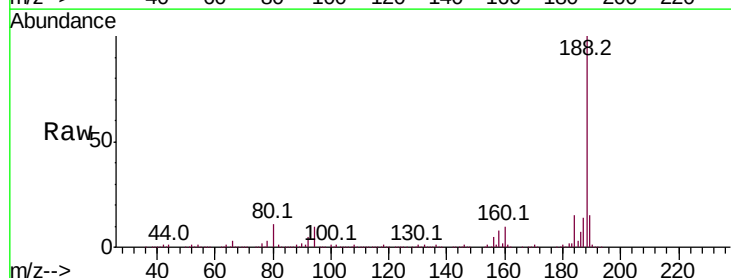
Tgt Ion:188 Resp: 638737

Ion Ratio Lower Upper

188 100

94 10.4 8.5 12.7

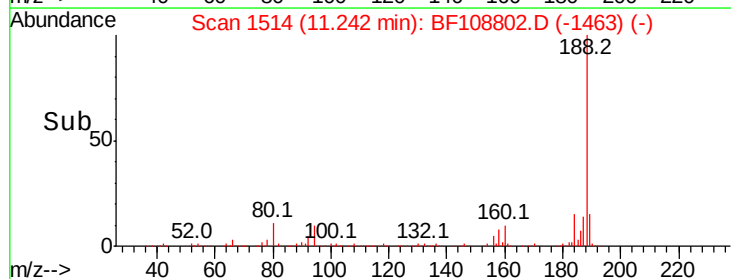
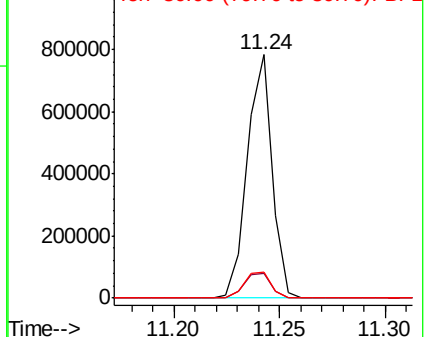
80 10.9 9.2 13.8

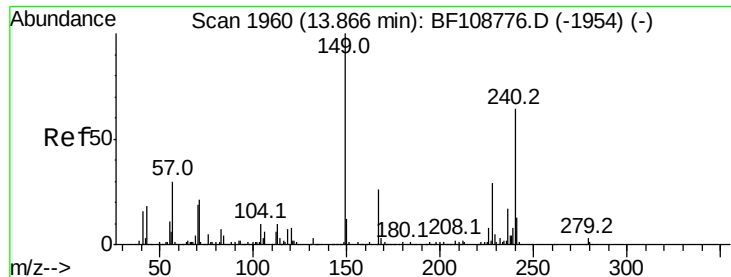


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.87 min Scan# 1960

Delta R.T. -0.00 min

Lab File: BF108802.D

Acq: 6 Sep 2018 4:00

Instrument :

BNA\_F

ClientSampleId :

ENY-SB-04-05-06-07-08-09-9.5-10

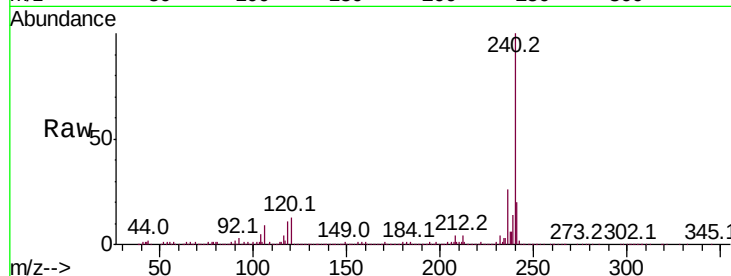
Tot Ion:240 Resp: 620870

Ion Ratio Lower Upper

240 100

120 12.7 9.5 14.3

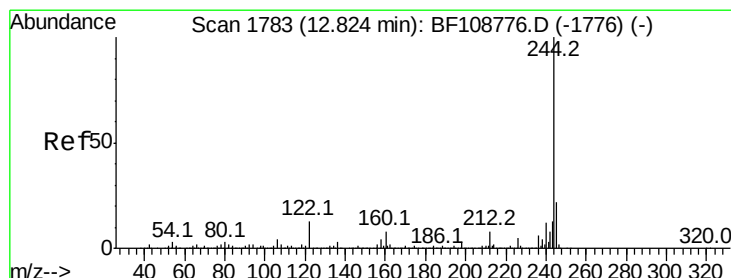
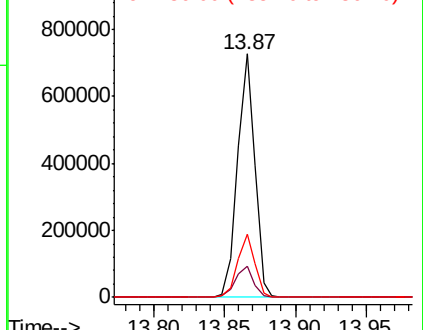
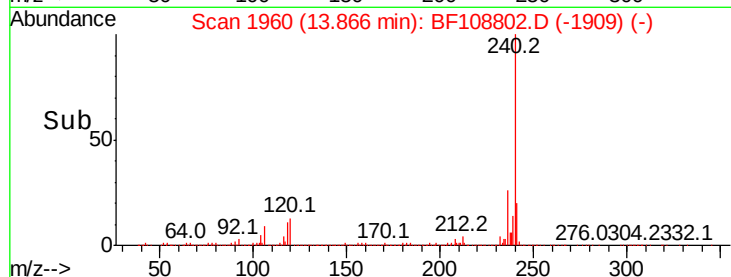
236 25.7 20.7 31.1



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



#78

Terphenyl-d14

Concen: 40.794 ng

RT: 12.82 min Scan# 1783

Delta R.T. 0.00 min

Lab File: BF108802.D

Acq: 6 Sep 2018 4:00

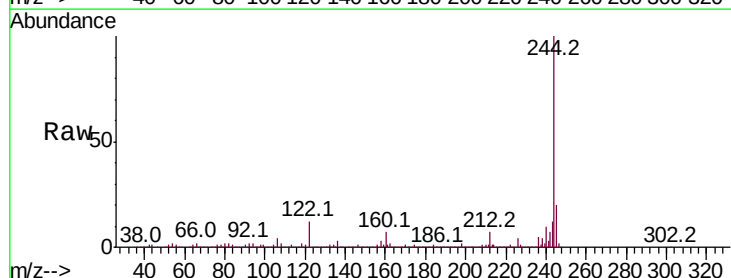
Tgt Ion:244 Resp: 1086139

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

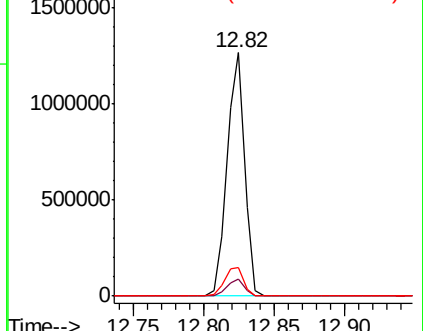
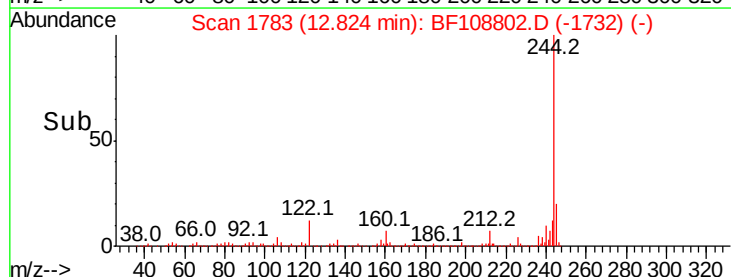
122 11.9 11.0 16.4



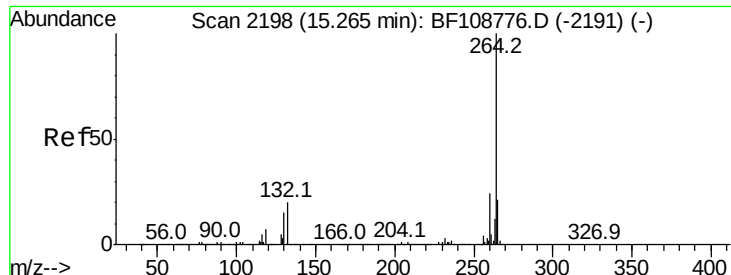
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



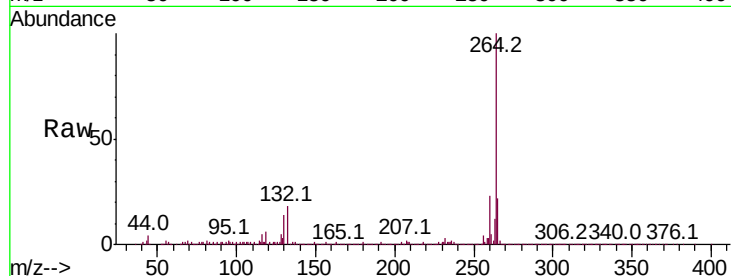




#86  
Pervlene-d12  
Concen: 20.000 ng  
RT: 15.27 min Scan# 2199  
Delta R.T. 0.01 min  
Lab File: BF108802.D  
Acq: 6 Sep 2018 4:00

Instrument :  
BNA\_F  
ClientSampleId :  
ENY-SB-04-05-06-07-08-09-9.5-10

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 264   | Resp: | 486044 |
| Ion Ratio | Lower | Upper |        |
| 264       | 100   |       |        |
| 260       | 23.4  | 19.2  | 28.8   |
| 265       | 21.7  | 17.5  | 26.3   |



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

