

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011419\  
 Data File : BF112057.D  
 Acq On : 14 Jan 2019 18:14  
 Operator : JU/SJ  
 Sample : K1135-04  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 CPSB-12(10-15)

Quant Time: Jan 14 21:32:16 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010719.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jan 11 21:37:26 2019  
 Response via : Initial Calibration

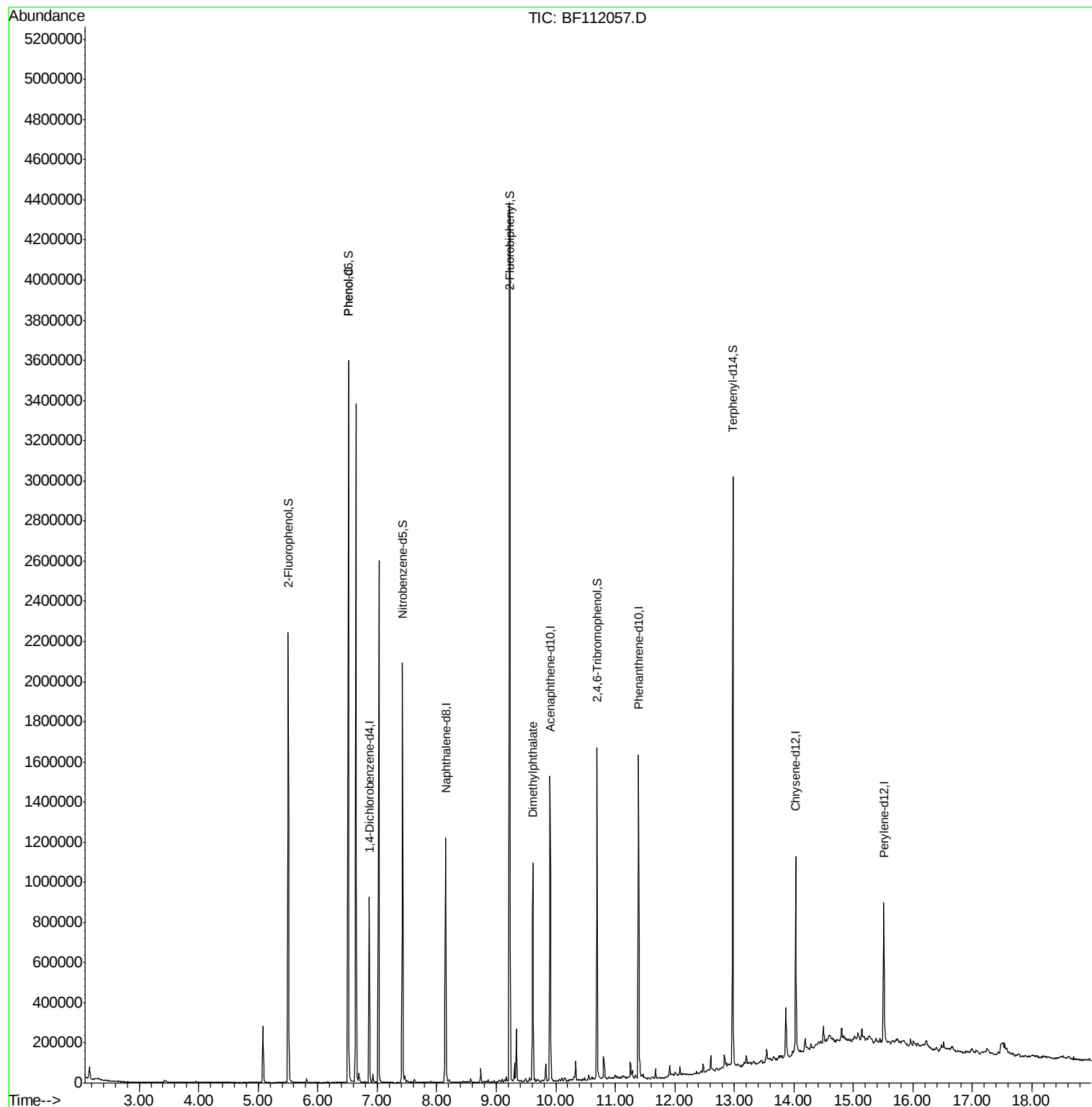
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min)    |
|-----------------------------|-------|------|----------|--------|-------|-------------|
| 1) 1,4-Dichlorobenzene-d4   | 6.87  | 152  | 137101   | 20.00  | ng    | 0.00        |
| 21) Naphthalene-d8          | 8.15  | 136  | 561162   | 20.00  | ng    | 0.00        |
| 39) Acenaphthene-d10        | 9.90  | 164  | 287182   | 20.00  | ng    | -0.01       |
| 64) Phenanthrene-d10        | 11.39 | 188  | 557295   | 20.00  | ng    | 0.00        |
| 76) Chrysene-d12            | 14.03 | 240  | 307372   | 20.00  | ng    | -0.01       |
| 87) Perylene-d12            | 15.51 | 264  | 332900   | 20.00  | ng    | 0.00        |
| System Monitoring Compounds |       |      |          |        |       |             |
| 5) 2-Fluorophenol           | 5.50  | 112  | 549111   | 68.52  | ng    | 0.00        |
| 7) Phenol-d6                | 6.52  | 99   | 1173184  | 113.58 | ng    | 0.00        |
| 23) Nitrobenzene-d5         | 7.43  | 82   | 648428   | 61.76  | ng    | -0.01       |
| 42) 2,4,6-Tribromophenol    | 10.69 | 330  | 194126   | 51.97  | ng    | -0.01       |
| 45) 2-Fluorobiphenyl        | 9.23  | 172  | 1485369  | 75.42  | ng    | 0.00        |
| 79) Terphenyl-d14           | 12.97 | 244  | 942907   | 58.23  | ng    | -0.01       |
| Target Compounds            |       |      |          |        |       |             |
| 10) Phenol                  | 6.52  | 94   | 24392    | 2.173  | ng    | Qvalue # 80 |
| 50) Dimethylphthalate       | 9.62  | 163  | 401143   | 18.594 | ng    | 100         |

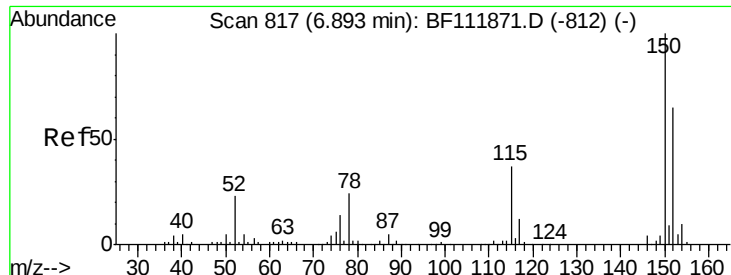
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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CPSB-12(10-15)

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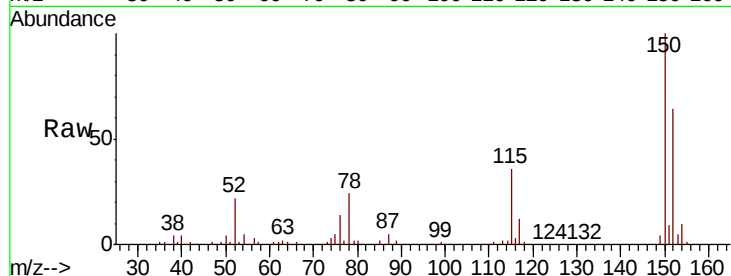


#1

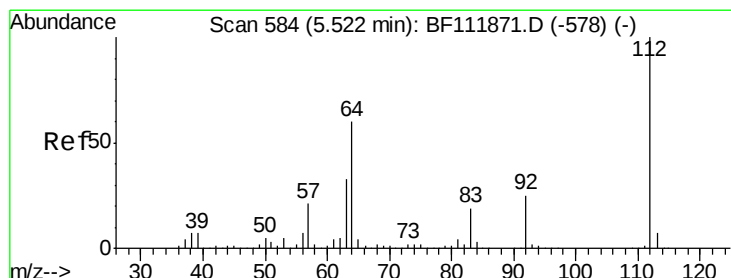
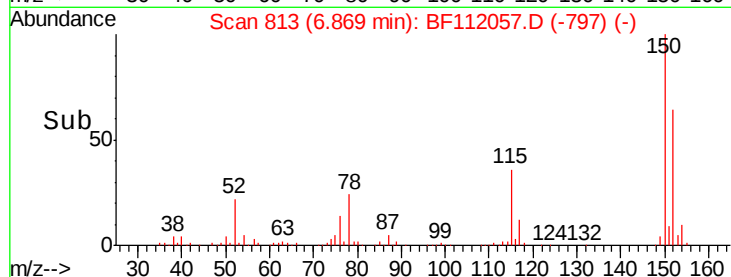
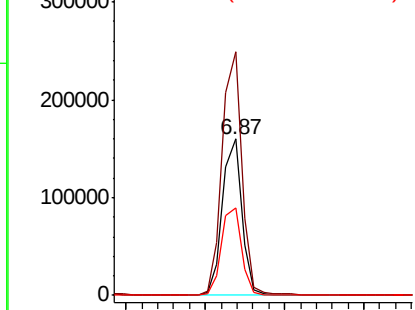
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.87 min Scan# 813  
Delta R.T. -0.01 min  
Lab File: BF112057.D  
Acq: 14 Jan 2019 18:14

Instrument :  
BNA\_F  
ClientSampleId :  
CPSB-12(10-15)

Tot Ion:152 Resp: 137101  
Ion Ratio Lower Upper  
152 100  
150 155.8 122.7 184.1  
115 55.9 45.2 67.8



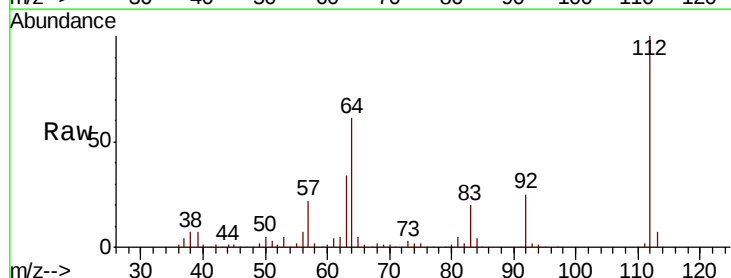
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



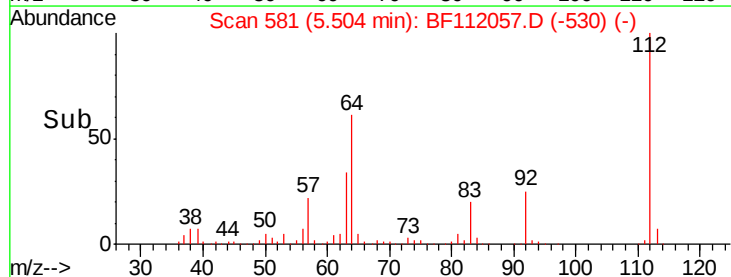
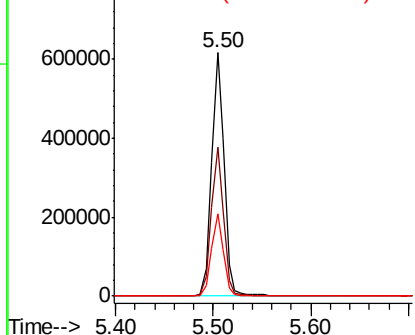
#5

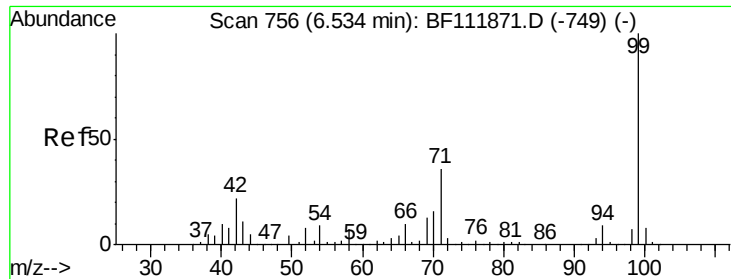
2-Fluorophenol  
Concen: 68.521 ng  
RT: 5.50 min Scan# 581  
Delta R.T. -0.00 min  
Lab File: BF112057.D  
Acq: 14 Jan 2019 18:14

Tgt Ion:112 Resp: 549111  
Ion Ratio Lower Upper  
112 100  
64 61.3 48.3 72.5  
63 33.6 26.1 39.1



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: 113.584 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.00 min

Lab File: BF112057.D

Acq: 14 Jan 2019 18:14

Instrument :

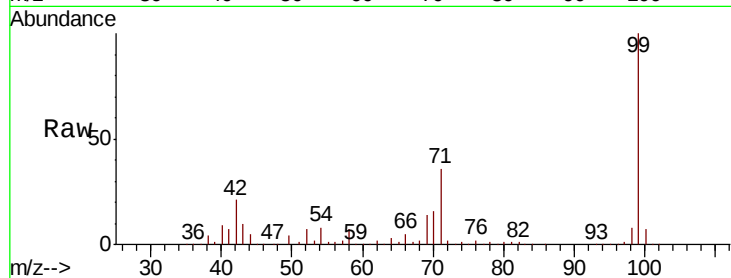
BNA\_F

ClientSampleId :

CPSB-12(10-15)

Tot Ion: 99 Resp: 1173184

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 21.3  | 17.9  | 26.9  |
| 71  | 35.7  | 28.7  | 43.1  |

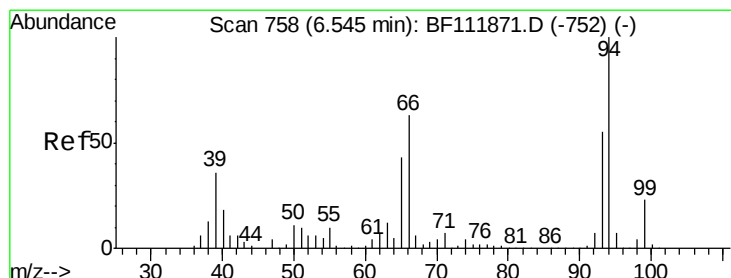
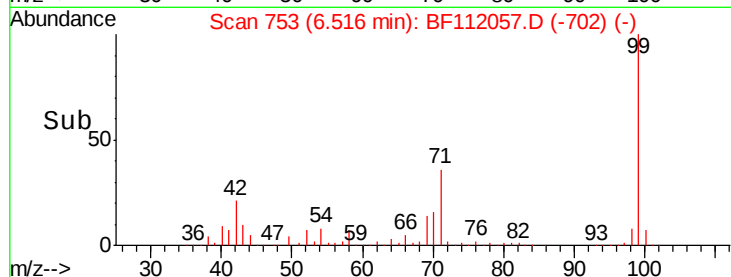
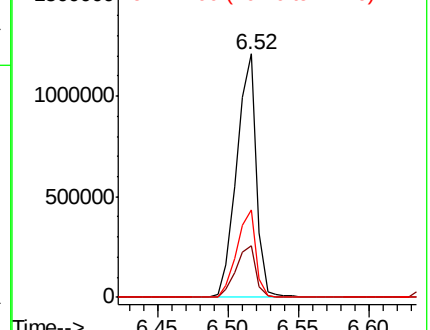


Abundance

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: 2.173 ng

RT: 6.52 min Scan# 754

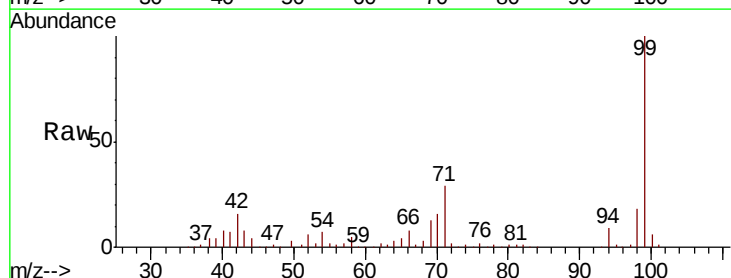
Delta R.T. -0.01 min

Lab File: BF112057.D

Acq: 14 Jan 2019 18:14

Tgt Ion: 94 Resp: 24392

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 94  | 100   |       |       |
| 65  | 43.0  | 22.8  | 62.8  |
| 66  | 89.3  | 43.3  | 83.3  |

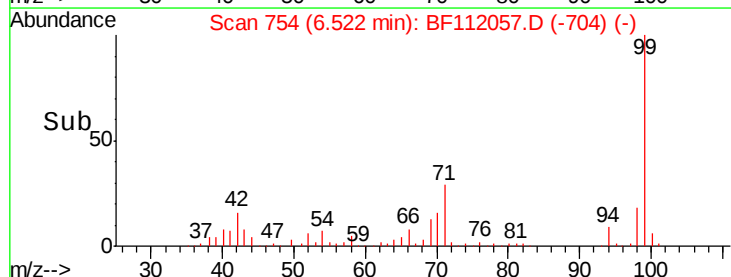
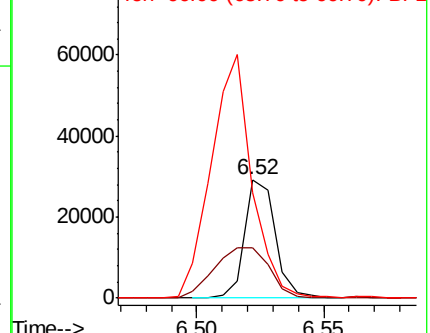


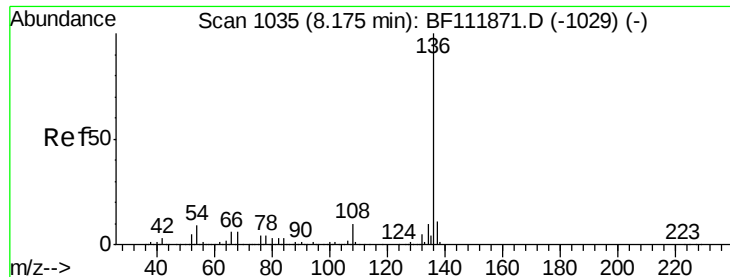
Abundance

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

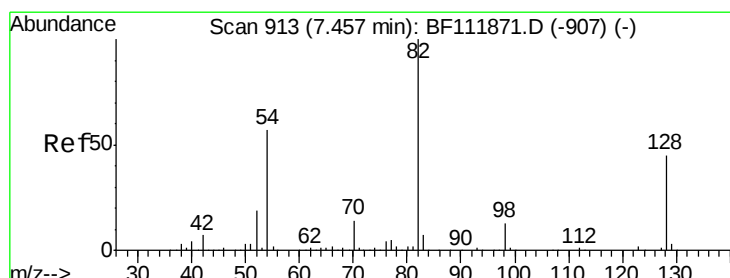
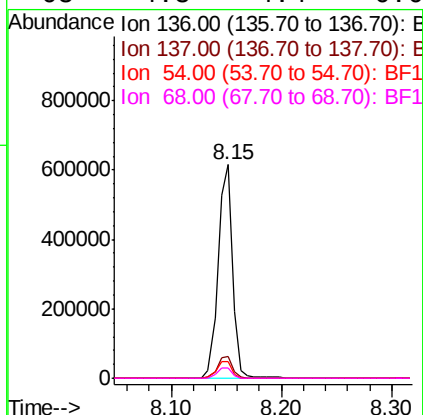
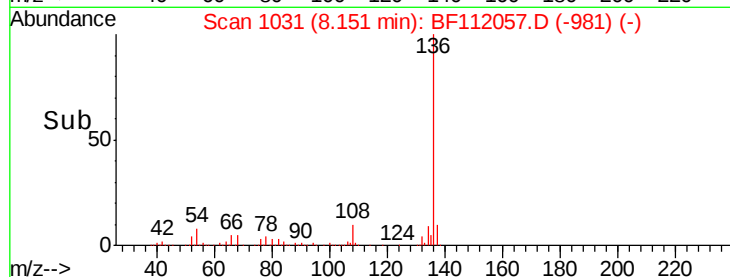
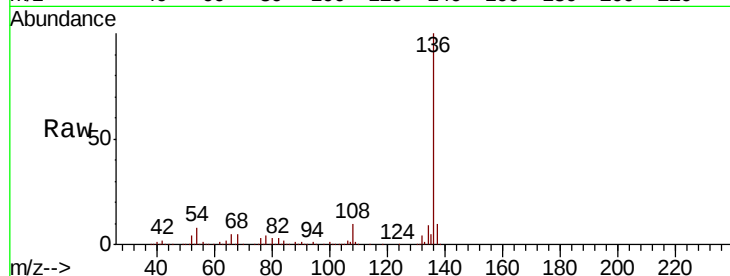




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.15 min Scan# 1031  
Delta R.T. -0.01 min  
Lab File: BF112057.D  
Acq: 14 Jan 2019 18:14

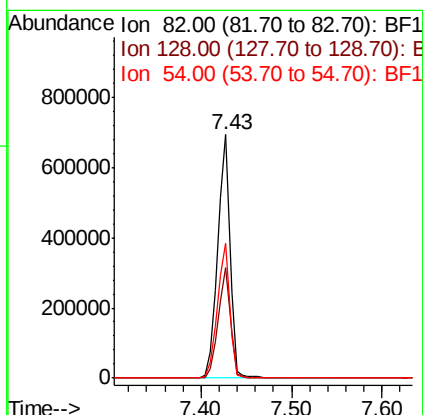
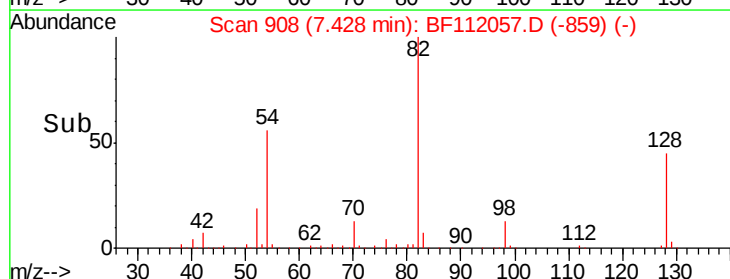
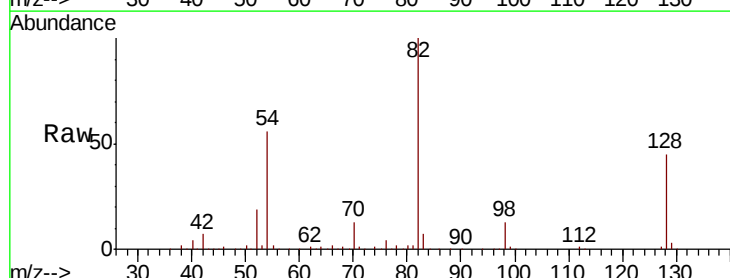
Instrument :  
BNA\_F  
ClientSampleId :  
CPSB-12(10-15)

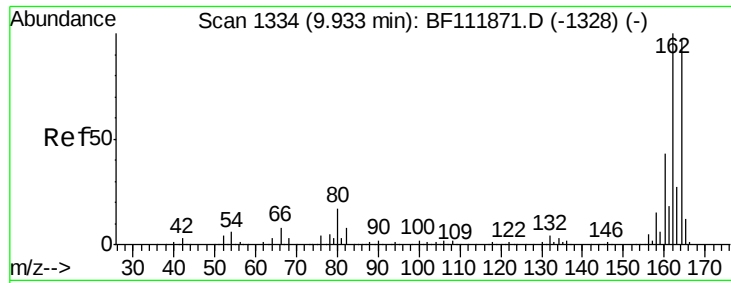
|             |       |             |
|-------------|-------|-------------|
| Tot Ion:136 | Resp: | 561162      |
| Ion         | Ratio | Lower Upper |
| 136         | 100   |             |
| 137         | 10.4  | 9.1 13.7    |
| 54          | 7.8   | 7.2 10.8    |
| 68          | 4.8   | 4.4 6.6     |



#23  
Nitrobenzene-d5  
Concen: 61.757 ng  
RT: 7.43 min Scan# 908  
Delta R.T. -0.01 min  
Lab File: BF112057.D  
Acq: 14 Jan 2019 18:14

|             |       |             |
|-------------|-------|-------------|
| Tgt Ion: 82 | Resp: | 648428      |
| Ion         | Ratio | Lower Upper |
| 82          | 100   |             |
| 128         | 45.4  | 35.7 53.5   |
| 54          | 55.5  | 45.8 68.8   |

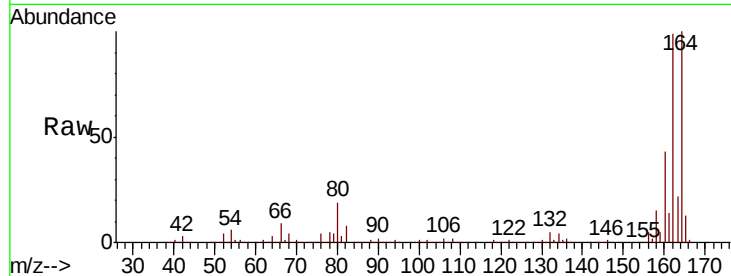




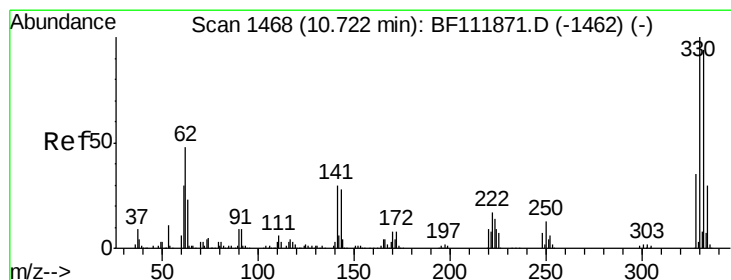
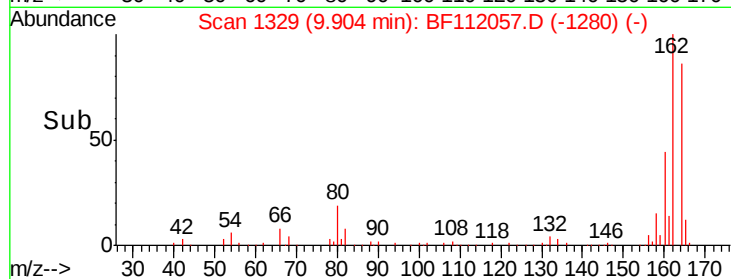
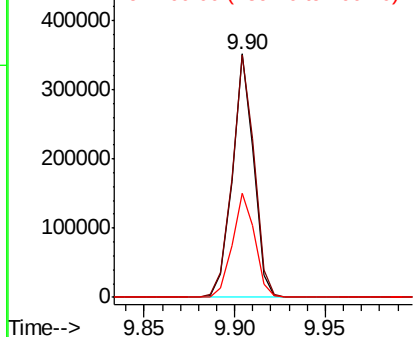
#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.90 min Scan# 1329  
Delta R.T. -0.01 min  
Lab File: BF112057.D  
Acq: 14 Jan 2019 18:14

Instrument :  
BNA\_F  
ClientSampleId :  
CPSB-12(10-15)

Tot Ion:164 Resp: 287182  
Ion Ratio Lower Upper  
164 100  
162 99.4 82.2 123.2  
160 42.9 35.5 53.3

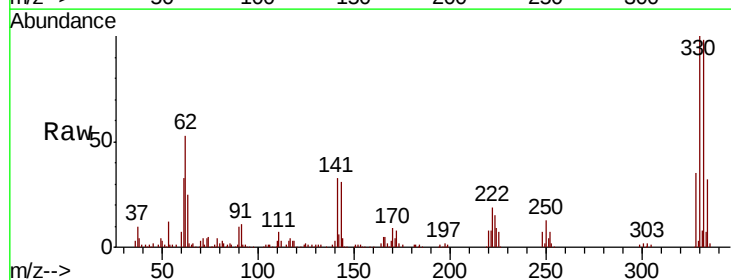


Abundance Ion 164.00 (163.70 to 164.70): E  
Ion 162.00 (161.70 to 162.70): E  
Ion 160.00 (159.70 to 160.70): E

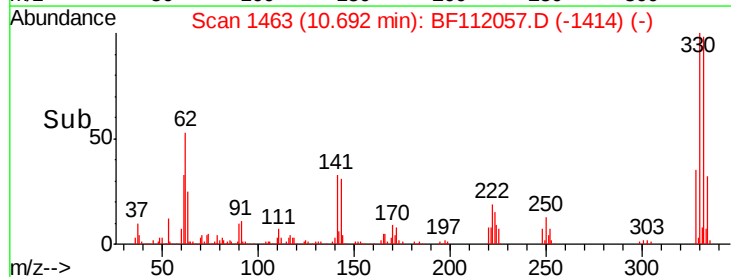
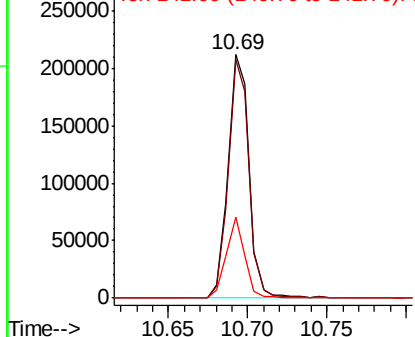


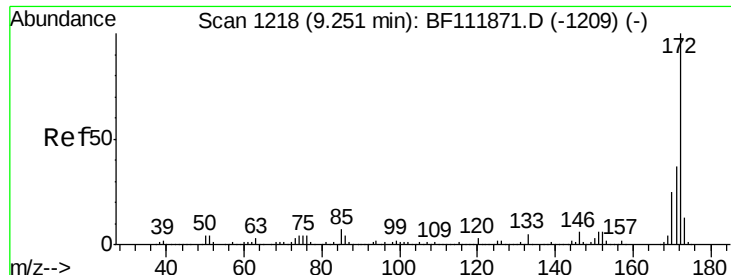
#42  
2,4,6-Tribromophenol  
Concen: 51.970 ng  
RT: 10.69 min Scan# 1463  
Delta R.T. -0.01 min  
Lab File: BF112057.D  
Acq: 14 Jan 2019 18:14

Tgt Ion:330 Resp: 194126  
Ion Ratio Lower Upper  
330 100  
332 96.6 76.9 115.3  
141 29.5 23.7 35.5



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

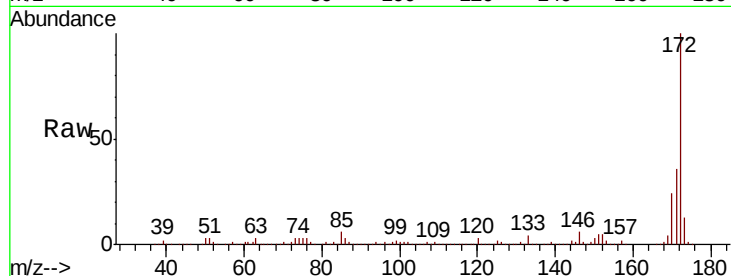




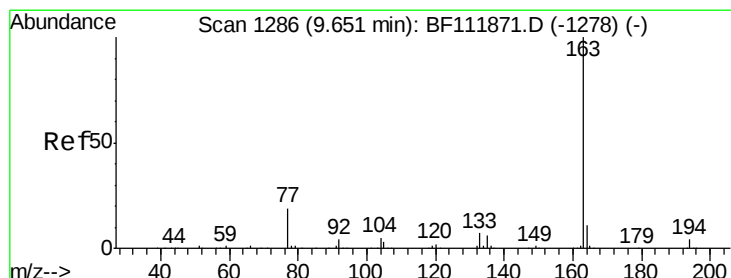
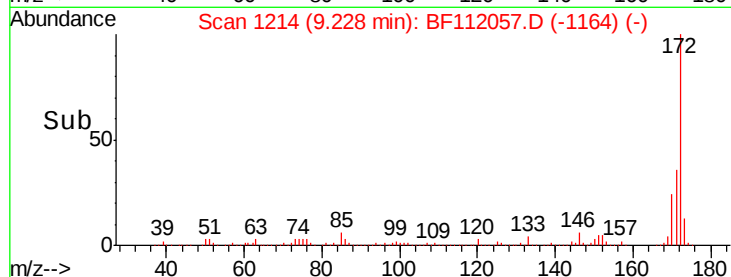
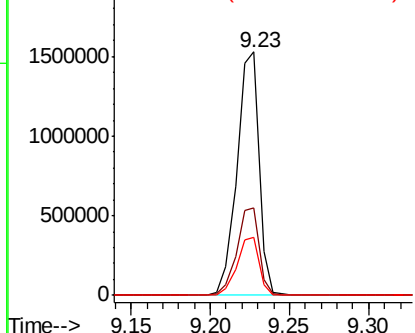
#45  
2-Fluorobiphenyl  
Concen: 75.421 ng  
RT: 9.23 min Scan# 1214  
Delta R.T. -0.01 min  
Lab File: BF112057.D  
Acq: 14 Jan 2019 18:14

Instrument :  
BNA\_F  
ClientSampleId :  
CPSB-12(10-15)

Tot Ion:172 Resp: 1485369  
Ion Ratio Lower Upper  
172 100  
171 36.1 29.6 44.4  
170 23.9 19.8 29.8

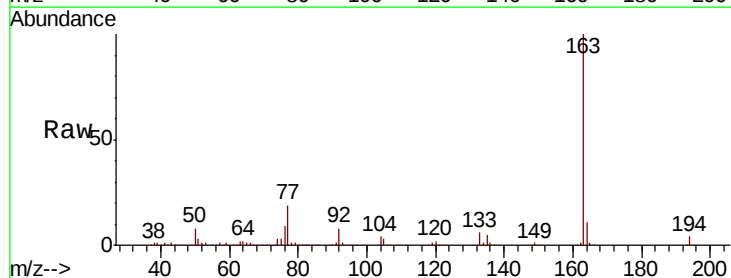


Abundance Ion 172.00 (171.70 to 172.70): E  
Ion 171.00 (170.70 to 171.70): E  
Ion 170.00 (169.70 to 170.70): E

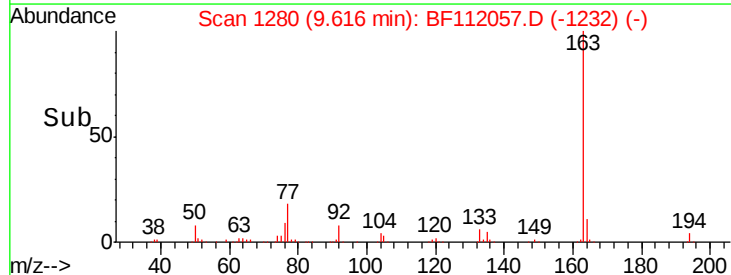
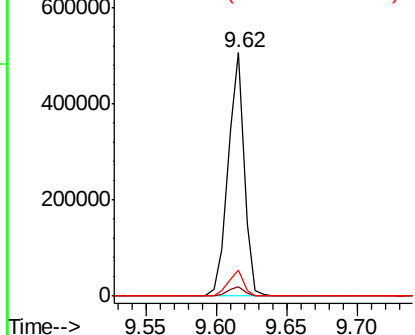


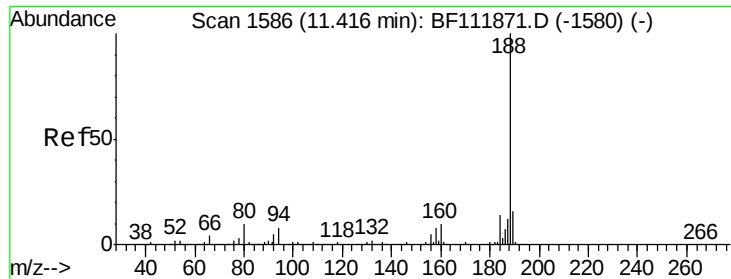
#50  
Dimethylphthalate  
Concen: 18.594 ng  
RT: 9.62 min Scan# 1280  
Delta R.T. -0.02 min  
Lab File: BF112057.D  
Acq: 14 Jan 2019 18:14

Tgt Ion:163 Resp: 401143  
Ion Ratio Lower Upper  
163 100  
194 3.9 3.4 5.2  
164 10.6 8.5 12.7



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: 11.39 min Scan# 1582

Delta R.T. -0.01 min

Lab File: BF112057.D

Acq: 14 Jan 2019 18:14

Instrument :

BNA\_F

ClientSampleId :

CPSB-12(10-15)

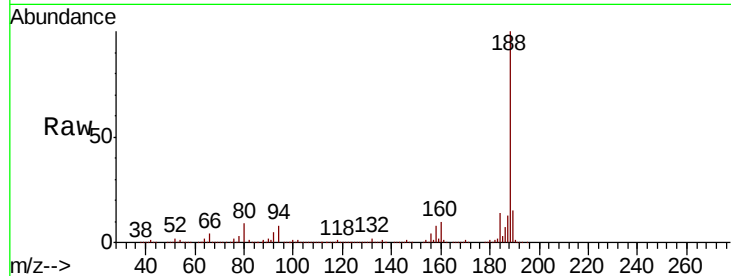
Tot Ion:188 Resp: 557295

Ion Ratio Lower Upper

188 100

94 8.3 6.6 10.0

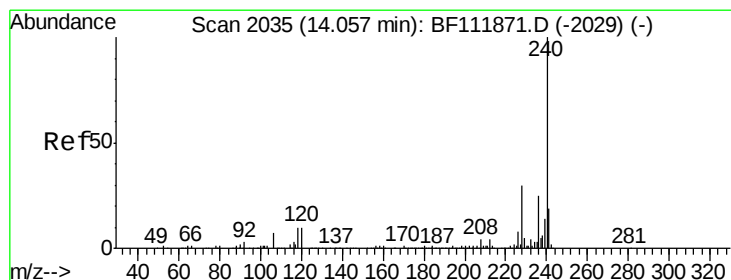
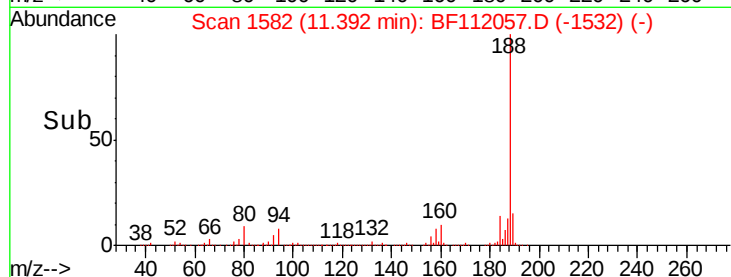
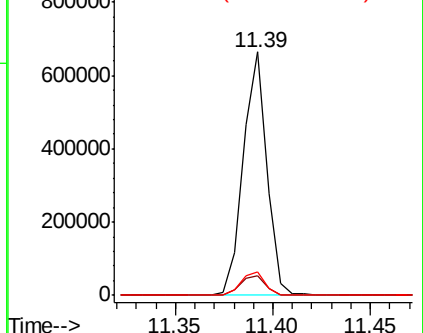
80 9.5 7.7 11.5



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: 14.03 min Scan# 2031

Delta R.T. -0.01 min

Lab File: BF112057.D

Acq: 14 Jan 2019 18:14

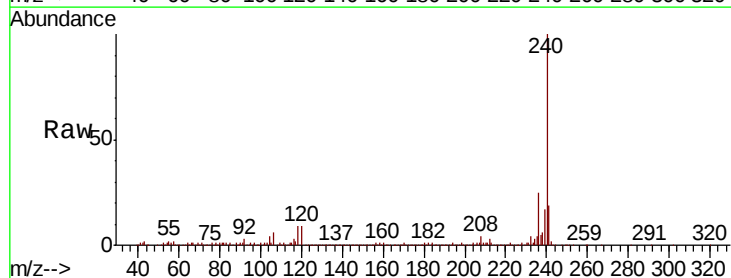
Tgt Ion:240 Resp: 307372

Ion Ratio Lower Upper

240 100

120 8.8 8.2 12.2

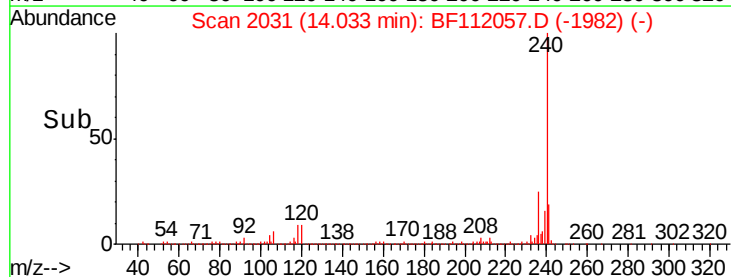
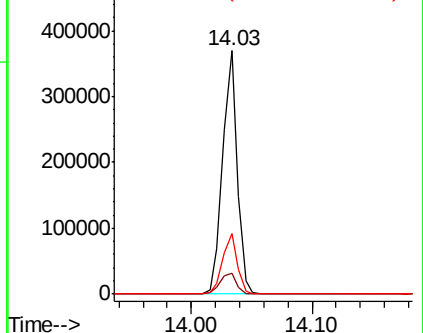
236 25.1 20.2 30.4

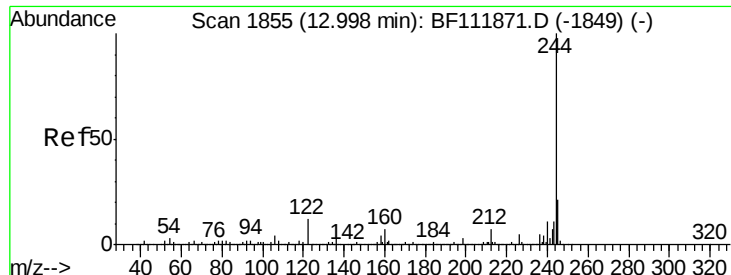


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

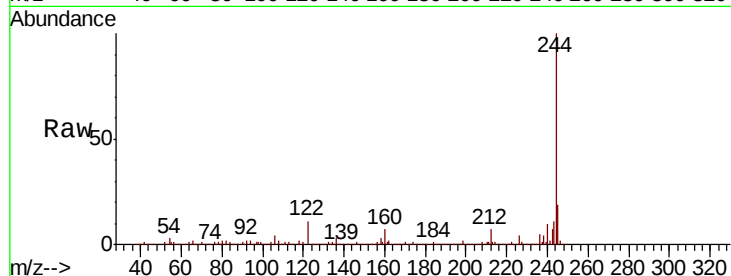




#79  
 Terphenyl-d14  
 Concen: 58.231 ng  
 RT: 12.97 min Scan# 1851  
 Delta R.T. -0.01 min  
 Lab File: BF112057.D  
 Acq: 14 Jan 2019 18:14

Instrument :  
 BNA\_F  
 ClientSampleId :  
 CPSB-12(10-15)

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 244     | 100   |       |       |
| 212     | 6.7   | 5.8   | 8.8   |
| 122     | 10.9  | 9.5   | 14.3  |

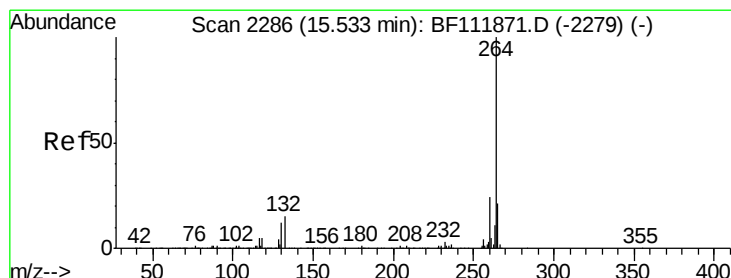
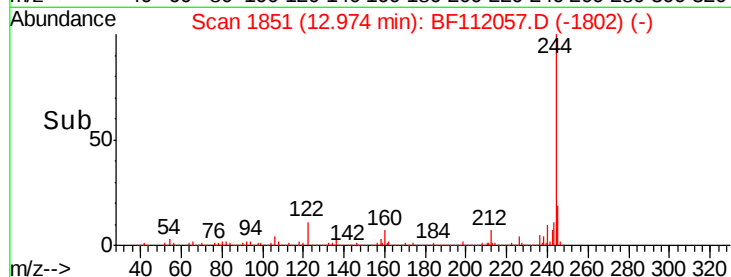
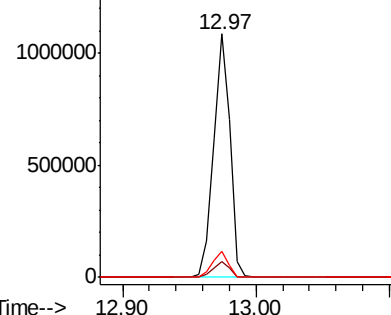


Abundance

Ion 244.00 (243.70 to 244.70): E

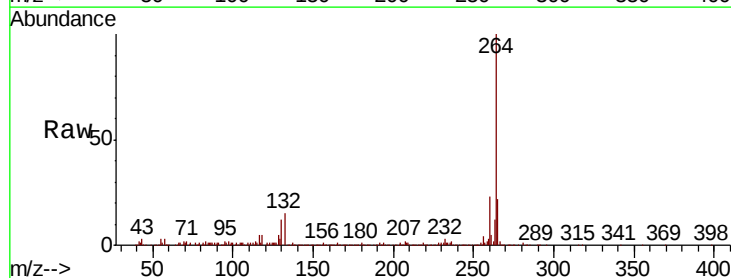
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#87  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.51 min Scan# 2282  
 Delta R.T. -0.01 min  
 Lab File: BF112057.D  
 Acq: 14 Jan 2019 18:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 23.4  | 19.2  | 28.8  |
| 265     | 21.7  | 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

