

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP070820\  
 Data File : BP002684.D  
 Acq On : 08 Jul 2020 20:17  
 Operator : CG/JU  
 Sample : L3187-01 2X  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 SU-02-070720

Quant Time: Jul 09 08:02:51 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP062920.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jun 29 16:51:57 2020  
 Response via : Initial Calibration

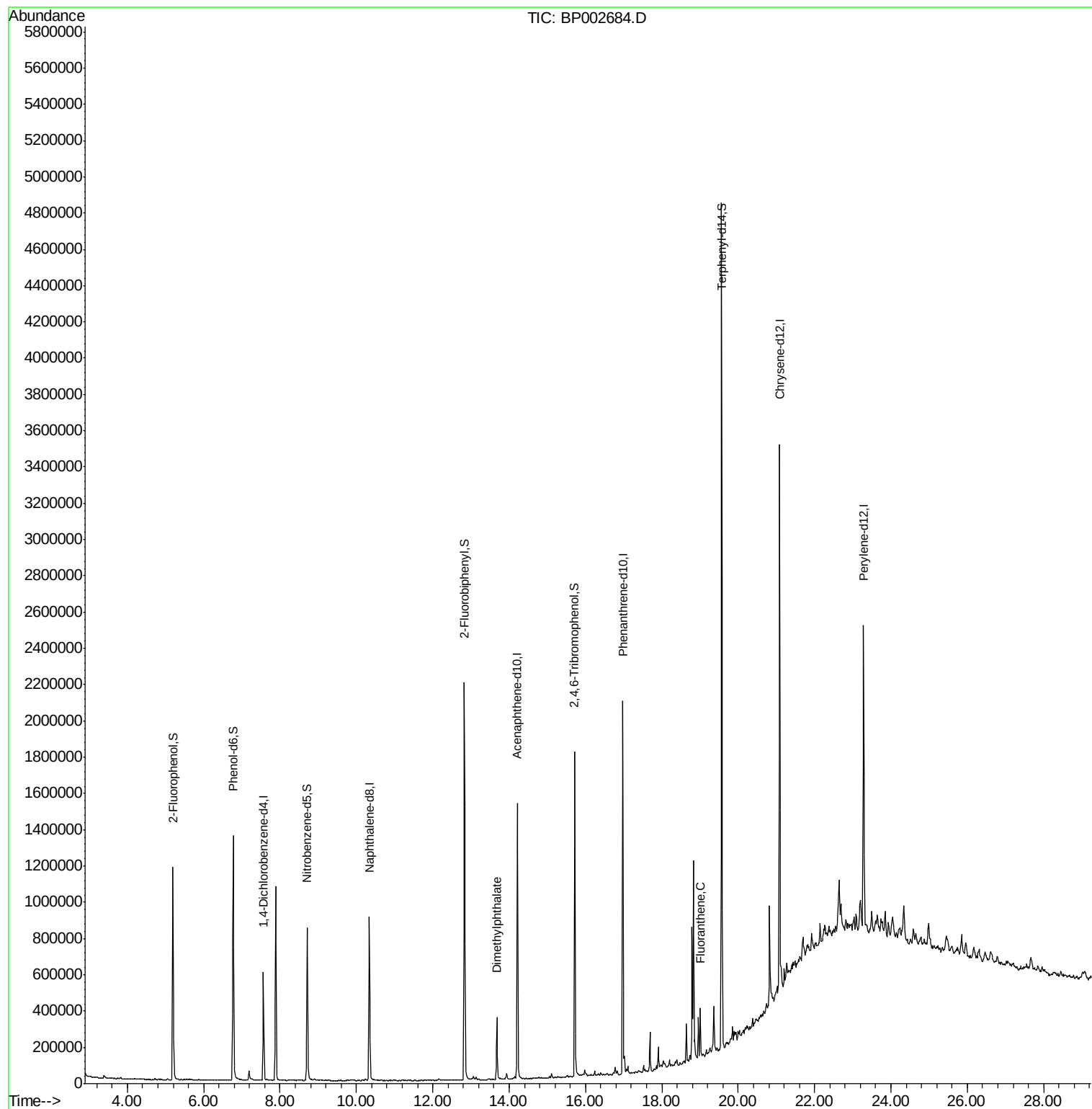
| Internal Standards          | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.57  | 152  | 166159   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.34 | 136  | 791153   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10        | 14.22 | 164  | 522326   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10        | 16.97 | 188  | 1208235  | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12            | 21.09 | 240  | 1369838  | 20.00 | ng    | 0.00     |
| 86) Perylene-d12            | 23.28 | 264  | 1168144  | 20.00 | ng    | 0.00     |
| System Monitoring Compounds |       |      |          |       |       |          |
| 5) 2-Fluorophenol           | 5.19  | 112  | 575511   | 58.64 | ng    | 0.00     |
| 7) Phenol-d6                | 6.77  | 99   | 889755   | 64.96 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 8.71  | 82   | 523207   | 34.07 | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol    | 15.72 | 330  | 344566   | 54.24 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 12.83 | 172  | 1252381  | 35.29 | ng    | 0.00     |
| 79) Terphenyl-d14           | 19.56 | 244  | 2282674  | 35.97 | ng    | -0.01    |
| Target Compounds            |       |      |          |       |       |          |
| 50) Dimethylphthalate       | 13.68 | 163  | 233612   | 5.694 | ng    | 100      |
| 75) Fluoranthene            | 19.00 | 202  | 158326   | 2.012 | ng    | 96       |

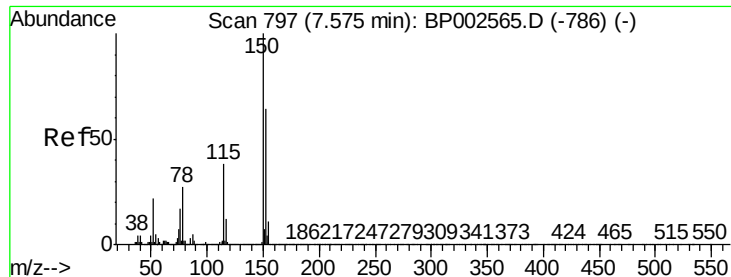
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP070820\  
Data File : BP002684.D  
Acq On : 08 Jul 2020 20:17  
Operator : CG/JU  
Sample : L3187-01 2X  
Misc :  
ALS Vial : 18 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
SU-02-070720

Quant Time: Jul 09 08:02:51 2020  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP062920.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Jun 29 16:51:57 2020  
Response via : Initial Calibration



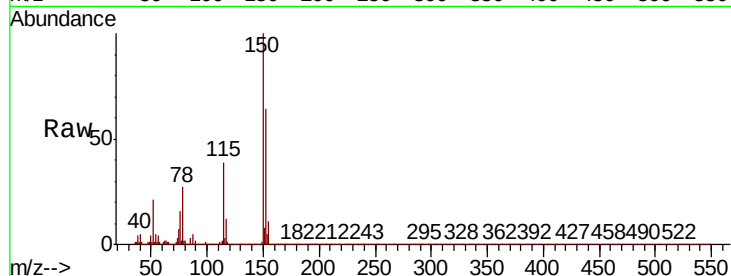


#1

1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.57 min Scan# 796  
Delta R.T. -0.01 min  
Lab File: BP002684.D  
Acq: 08 Jul 2020 20:17

Instrument :  
BNA\_P  
ClientSampleId :  
SU-02-070720

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 155.6 | 124.2 | 186.2 |
| 115     | 60.2  | 47.1  | 70.7  |

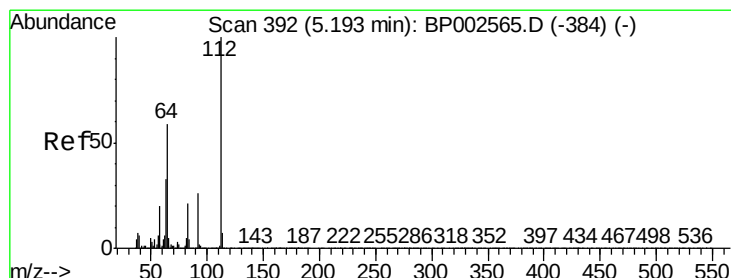
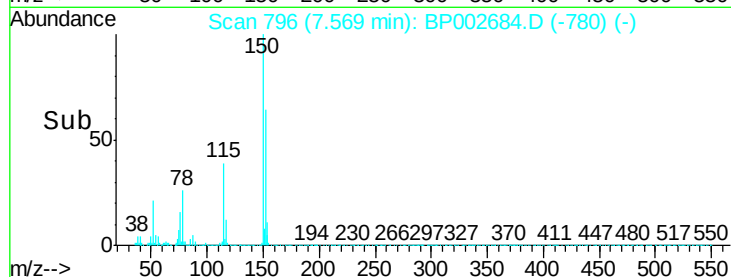
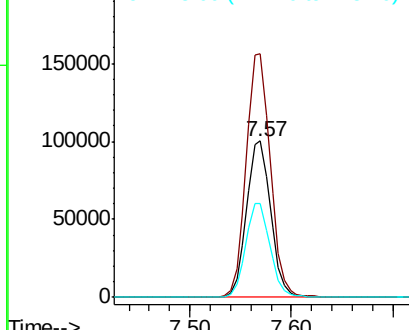


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

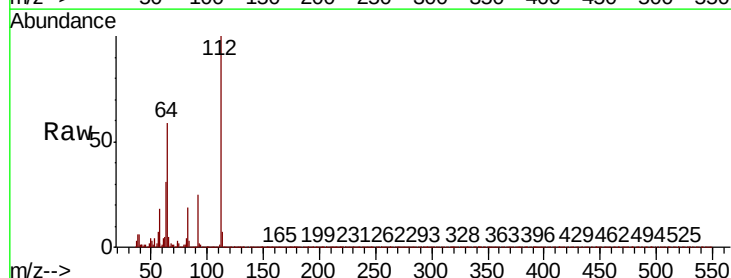
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol  
Concen: 58.643 ng  
RT: 5.19 min Scan# 392  
Delta R.T. 0.00 min  
Lab File: BP002684.D  
Acq: 08 Jul 2020 20:17

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 64      | 58.9  | 47.0  | 70.6  |
| 63      | 30.6  | 26.1  | 39.1  |

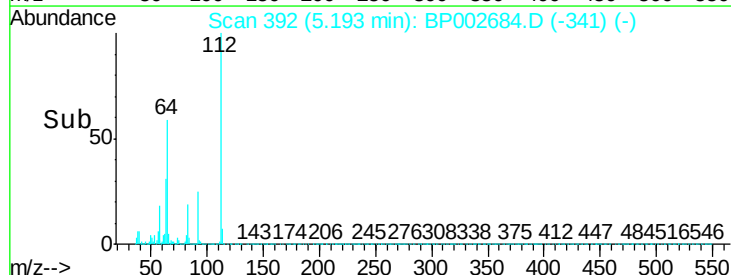
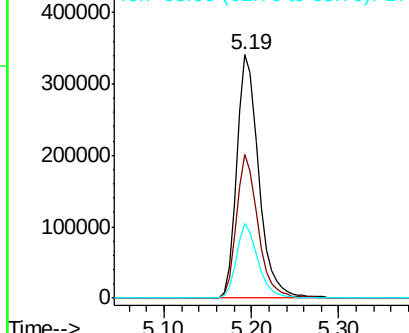


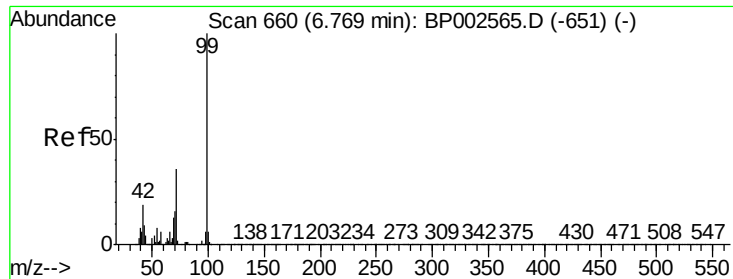
Abundance

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: 64.957 ng

RT: 6.77 min Scan# 660

Delta R.T. 0.00 min

Lab File: BP002684.D

Acq: 08 Jul 2020 20:17

Instrument :

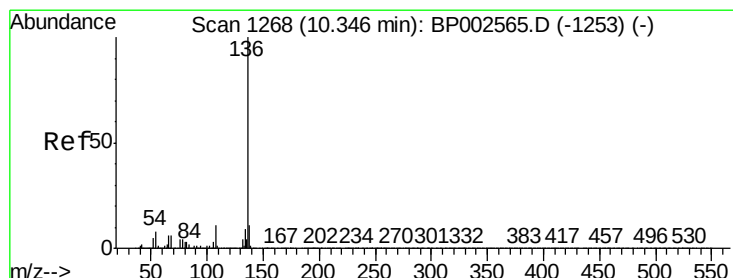
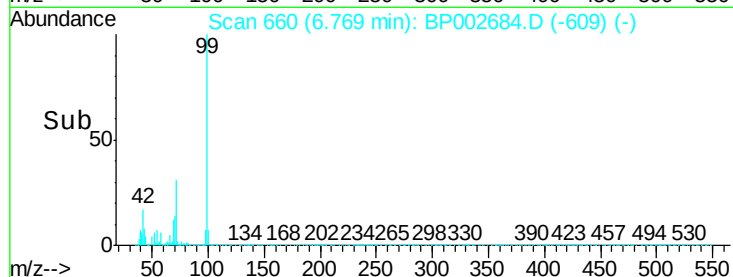
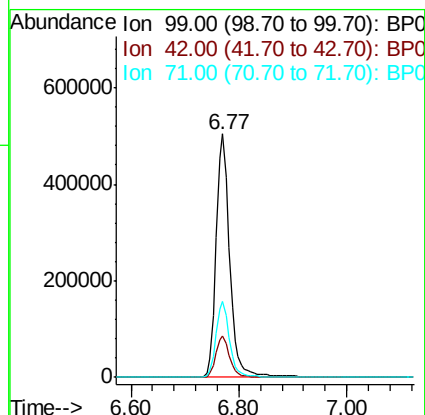
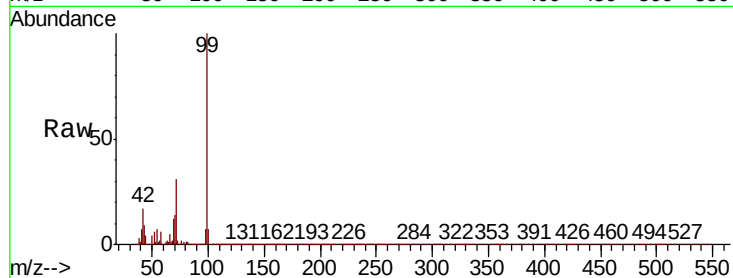
BNA\_P

ClientSampleId :

SU-02-070720

Tot Ion: 99 Resp: 889755

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 16.9  | 15.5  | 23.3  |
| 71  | 31.1  | 28.9  | 43.3  |



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.34 min Scan# 1267

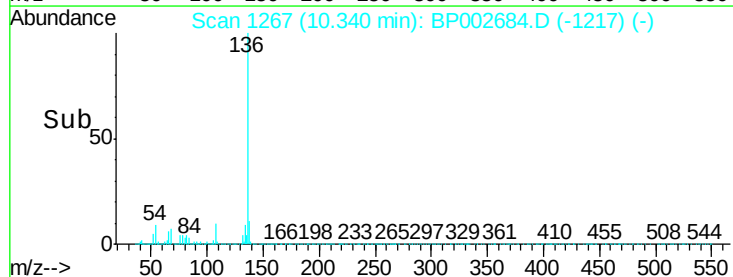
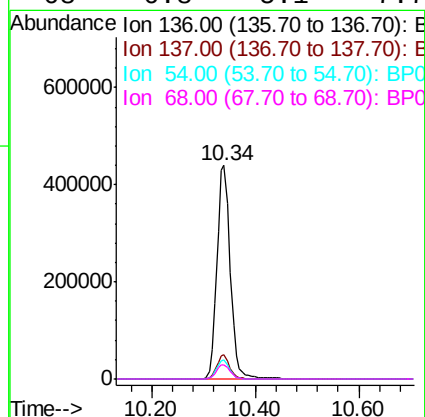
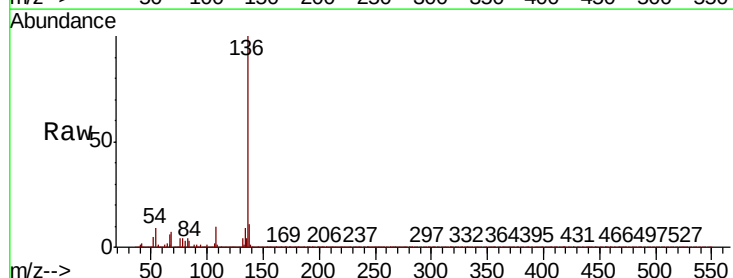
Delta R.T. -0.01 min

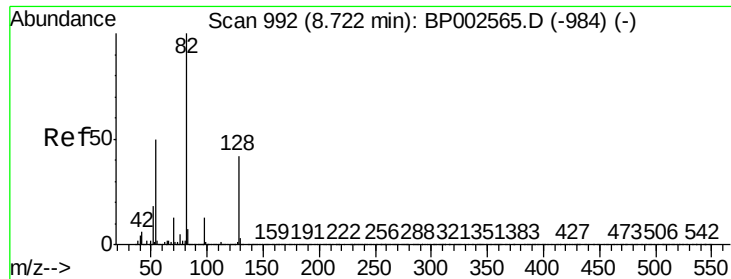
Lab File: BP002684.D

Acq: 08 Jul 2020 20:17

Tgt Ion: 136 Resp: 791153

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 11.1  | 8.8   | 13.2  |
| 54  | 8.8   | 6.4   | 9.6   |
| 68  | 6.8   | 5.1   | 7.7   |

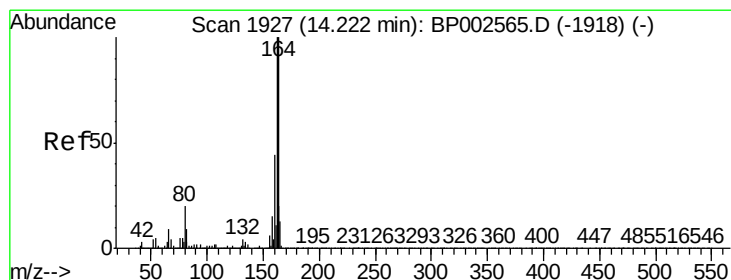
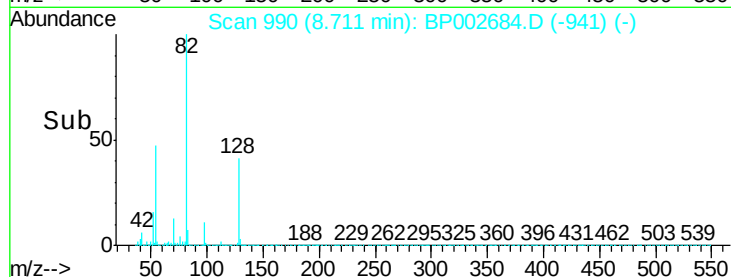
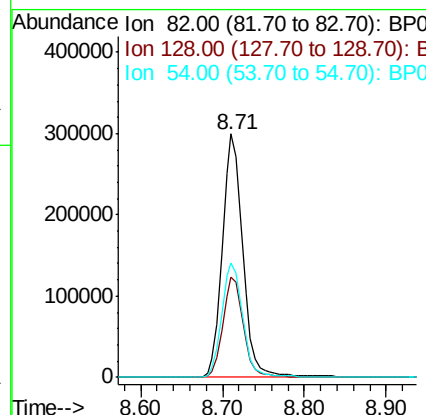
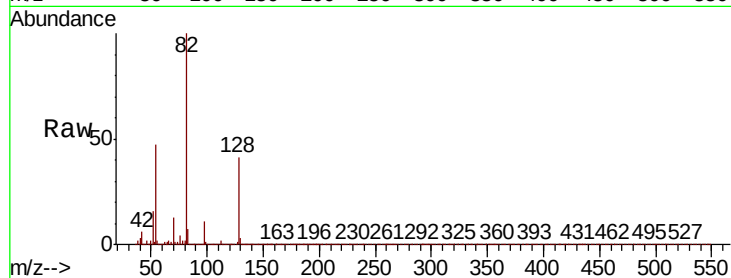




#23  
Nitrobenzene-d5  
Concen: 34.075 ng  
RT: 8.71 min Scan# 990  
Delta R.T. -0.01 min  
Lab File: BP002684.D  
Acq: 08 Jul 2020 20:17

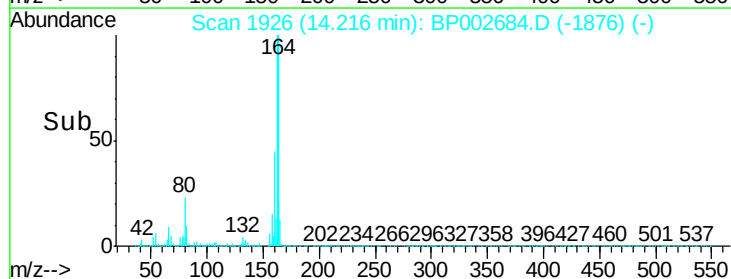
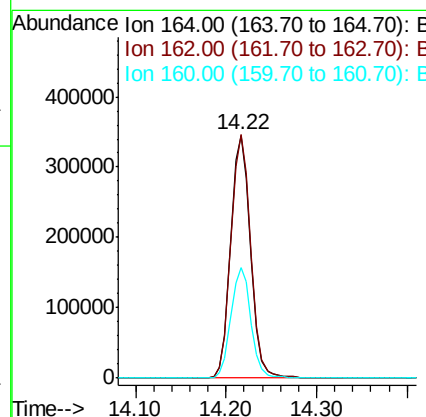
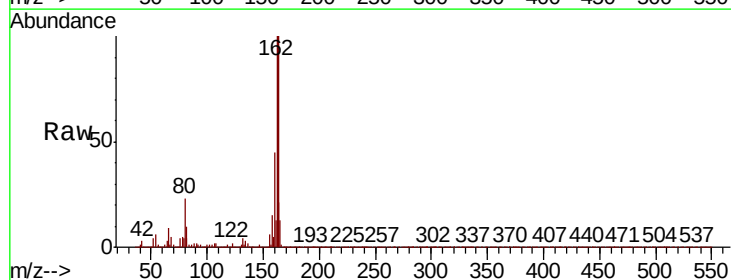
Instrument :  
BNA\_P  
ClientSampleId :  
SU-02-070720

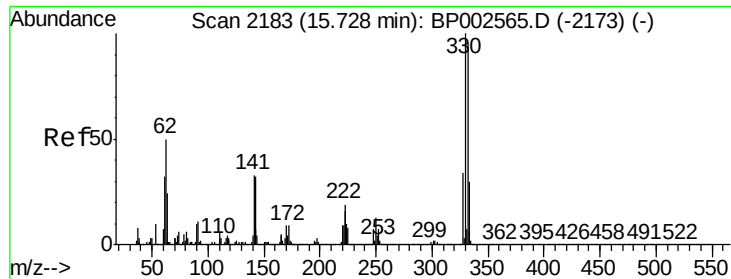
| Tot Ion   | 82    | Resp  | 523207 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 128       | 41.3  | 33.4  | 50.2   |
| 54        | 47.2  | 40.1  | 60.1   |



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.22 min Scan# 1926  
Delta R.T. -0.01 min  
Lab File: BP002684.D  
Acq: 08 Jul 2020 20:17

| Tgt Ion   | 164   | Resp  | 522326 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 164       | 100   |       |        |
| 162       | 100.4 | 80.3  | 120.5  |
| 160       | 45.6  | 35.0  | 52.6   |

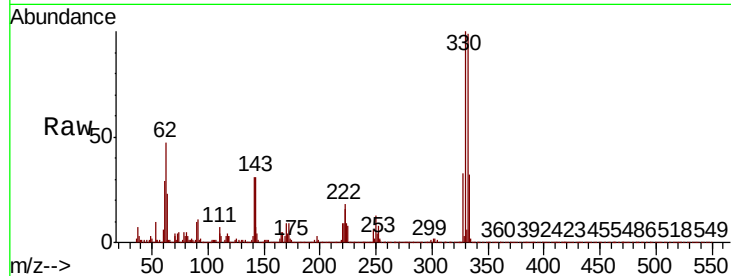




#42  
2,4,6-Tribromophenol  
Concen: 54.237 ng  
RT: 15.72 min Scan# 2182  
Delta R.T. -0.01 min  
Lab File: BP002684.D  
Acq: 08 Jul 2020 20:17

Instrument :  
BNA\_P  
ClientSampleId :  
SU-02-070720

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 96.7  | 77.7  | 116.5 |
| 141     | 35.4  | 29.0  | 43.6  |

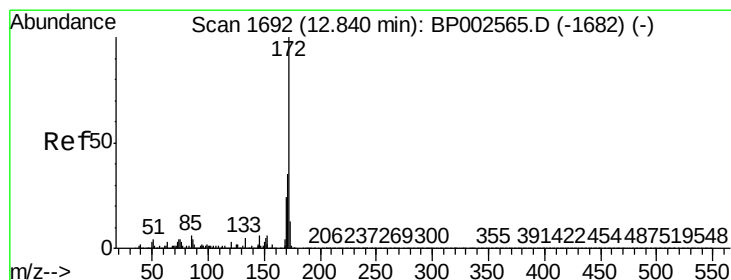
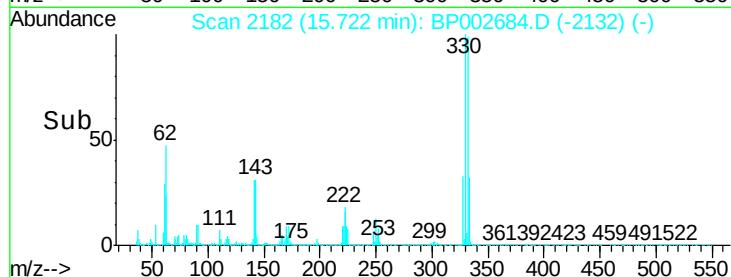
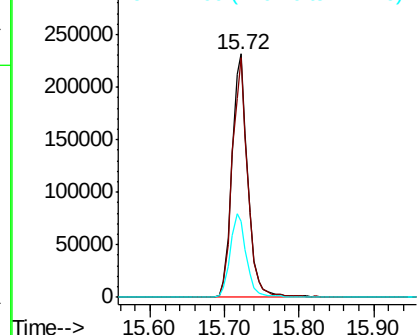


Abundance

Ion 329.80 (329.50 to 330.50): E

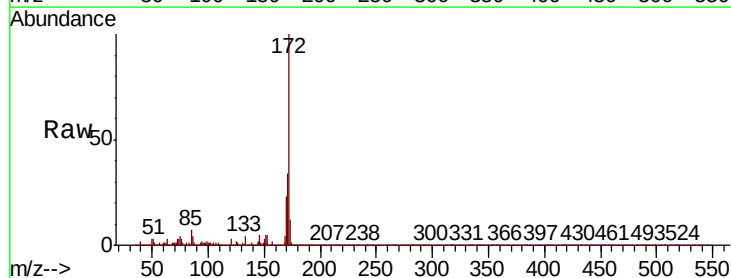
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45  
2-Fluorobiphenyl  
Concen: 35.290 ng  
RT: 12.83 min Scan# 1691  
Delta R.T. -0.01 min  
Lab File: BP002684.D  
Acq: 08 Jul 2020 20:17

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 33.7  | 28.0  | 42.0  |
| 170     | 23.2  | 19.0  | 28.4  |

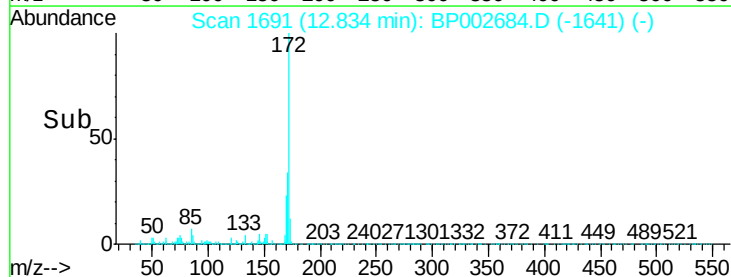
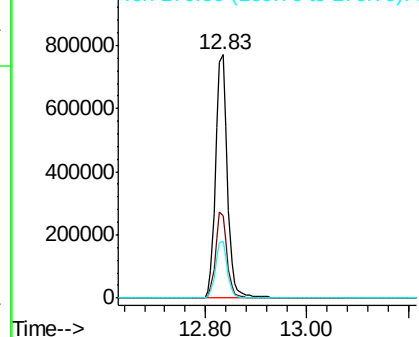


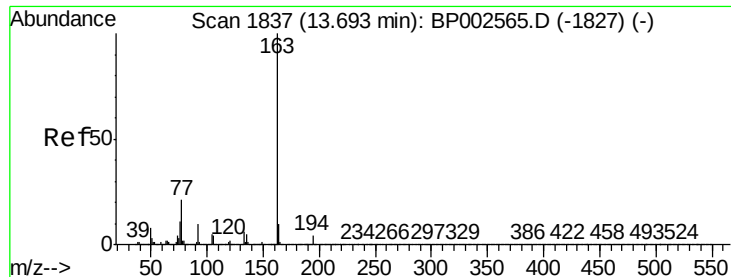
Abundance

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





#50

Dimethylphthalate

Concen: 5.694 ng

RT: 13.68 min Scan# 1835

Delta R.T. -0.01 min

Lab File: BP002684.D

Acq: 08 Jul 2020 20:17

Instrument :

BNA\_P

ClientSampleId :

SU-02-070720

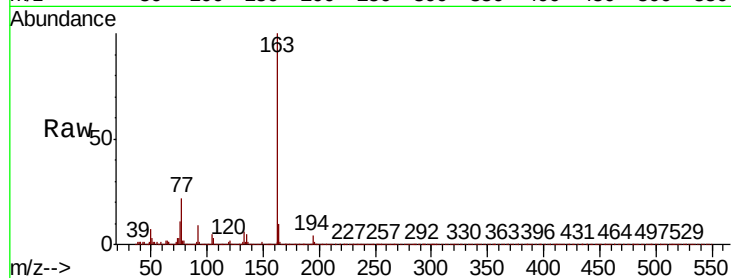
Tot Ion:163 Resp: 233612

Ion Ratio Lower Upper

163 100

194 4.3 3.4 5.0

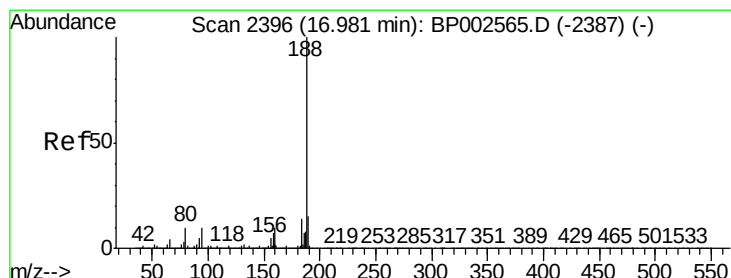
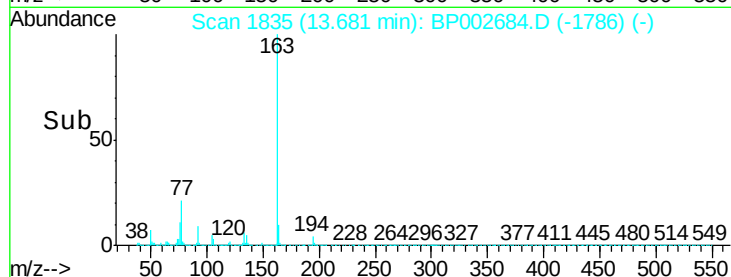
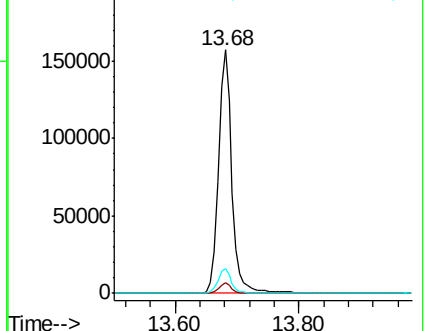
164 10.3 8.2 12.4



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: 16.97 min Scan# 2395

Delta R.T. -0.01 min

Lab File: BP002684.D

Acq: 08 Jul 2020 20:17

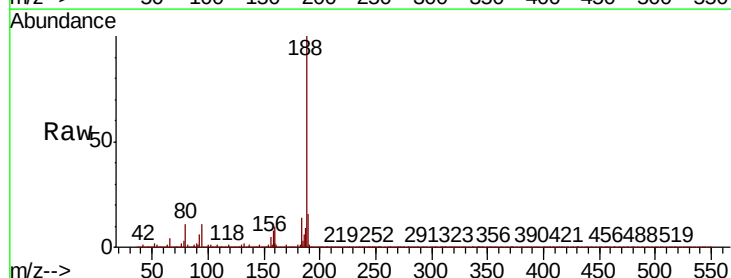
Tgt Ion:188 Resp: 1208235

Ion Ratio Lower Upper

188 100

94 10.6 7.8 11.6

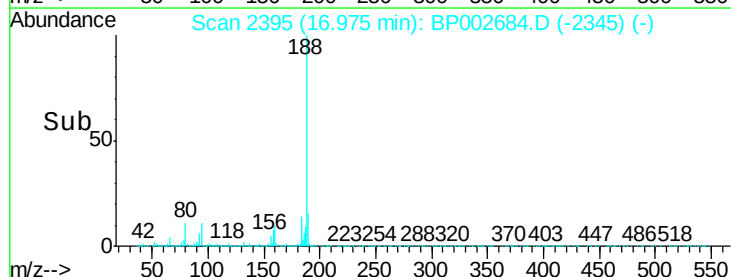
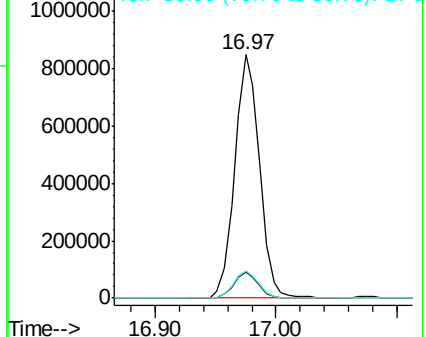
80 11.4 8.2 12.4

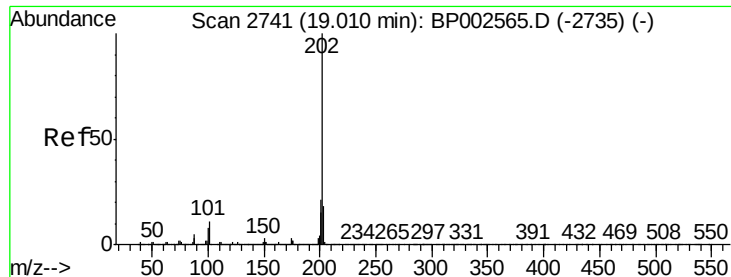


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BP0

Ion 80.00 (79.70 to 80.70): BP0





#75

Fluoranthene

Concen: 2.012 ng

RT: 19.00 min Scan# 2740

Delta R.T. -0.01 min

Lab File: BP002684.D

Acq: 08 Jul 2020 20:17

Instrument :

BNA\_P

ClientSampleId :

SU-02-070720

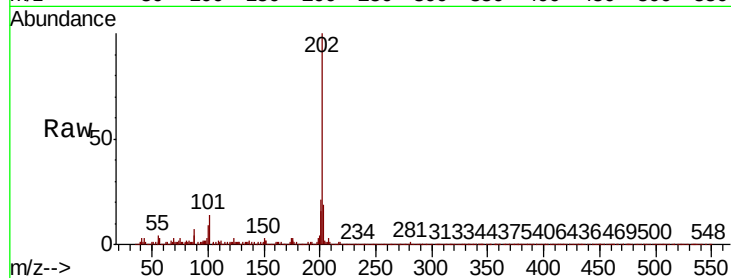
Tot Ion:202 Resp: 158326

Ion Ratio Lower Upper

202 100

101 13.8 0.0 30.6

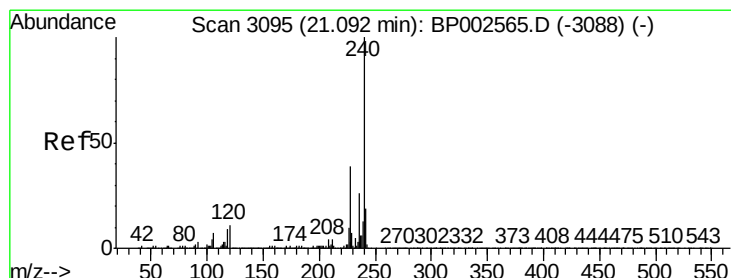
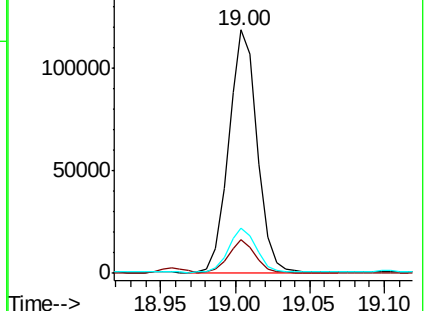
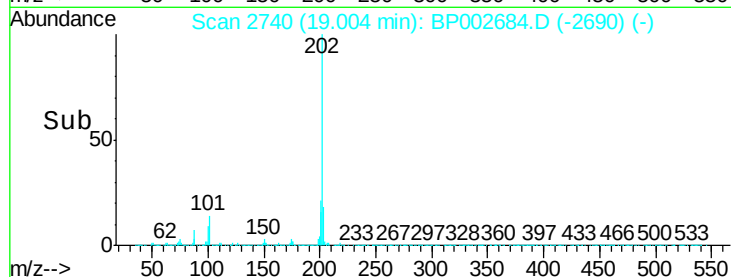
203 18.6 0.0 37.7



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: 21.09 min Scan# 3094

Delta R.T. -0.01 min

Lab File: BP002684.D

Acq: 08 Jul 2020 20:17

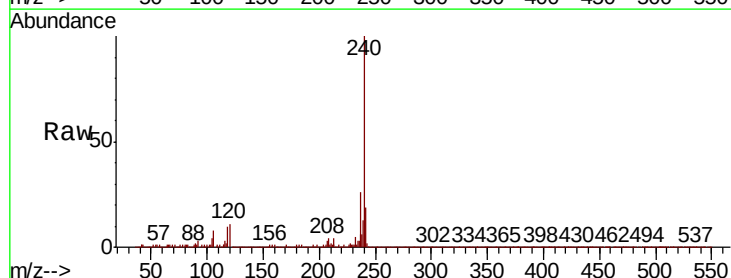
Tgt Ion:240 Resp: 1369838

Ion Ratio Lower Upper

240 100

120 11.3 8.6 13.0

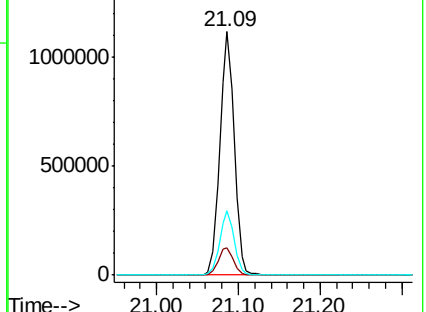
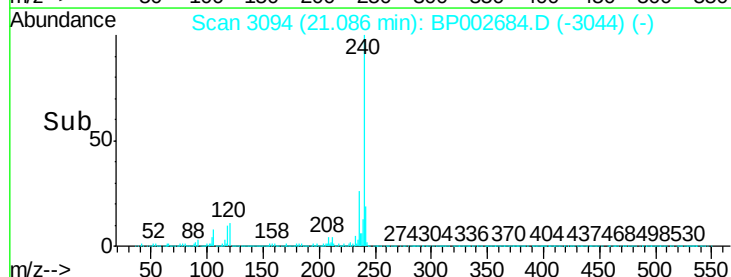
236 26.3 20.8 31.2



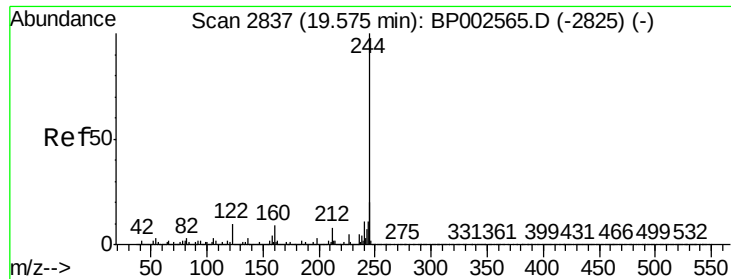
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E







#79

Terphenyl-d14

Concen: 35.969 ng

RT: 19.56 min Scan# 2835

Delta R.T. -0.01 min

Lab File: BP002684.D

Acq: 08 Jul 2020 20:17

Instrument :

BNA\_P

ClientSampleId :

SU-02-070720

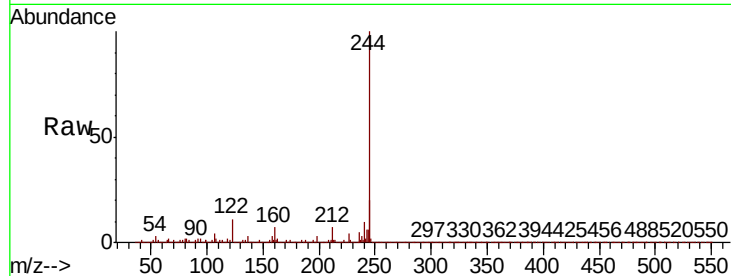
Tot Ion:244 Resp: 2282674

Ion Ratio Lower Upper

244 100

212 7.1 6.5 9.7

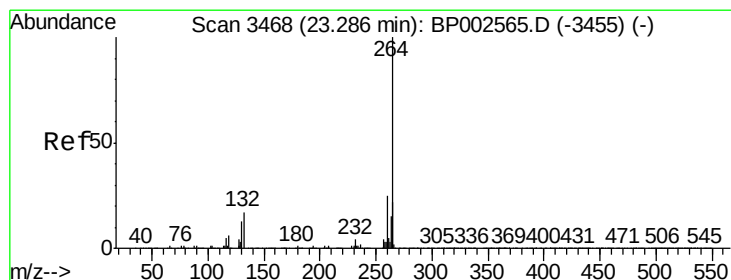
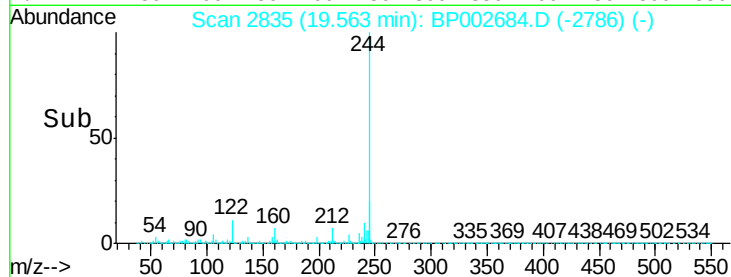
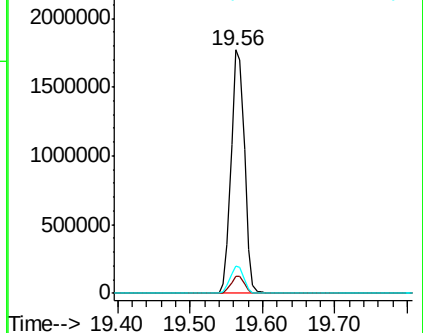
122 11.2 7.9 11.9



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: 23.28 min Scan# 3467

Delta R.T. -0.01 min

Lab File: BP002684.D

Acq: 08 Jul 2020 20:17

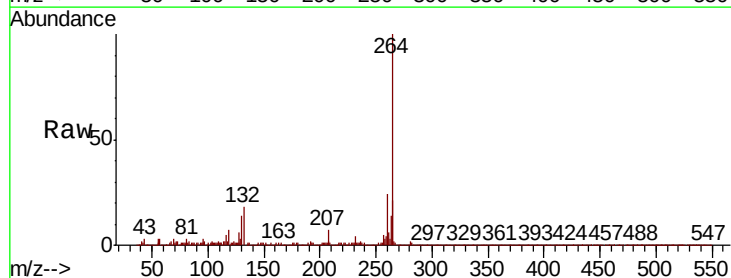
Tgt Ion:264 Resp: 1168144

Ion Ratio Lower Upper

264 100

260 24.2 19.7 29.5

265 21.3 17.6 26.4



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

