

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP062421\  
 Data File : BP006057.D  
 Acq On : 24 Jun 2021 17:29  
 Operator : CG/JU  
 Sample : M2799-05  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 MW-8D

Quant Time: Jun 24 18:07:27 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP060821.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Jun 22 17:52:38 2021  
 Response via : Initial Calibration

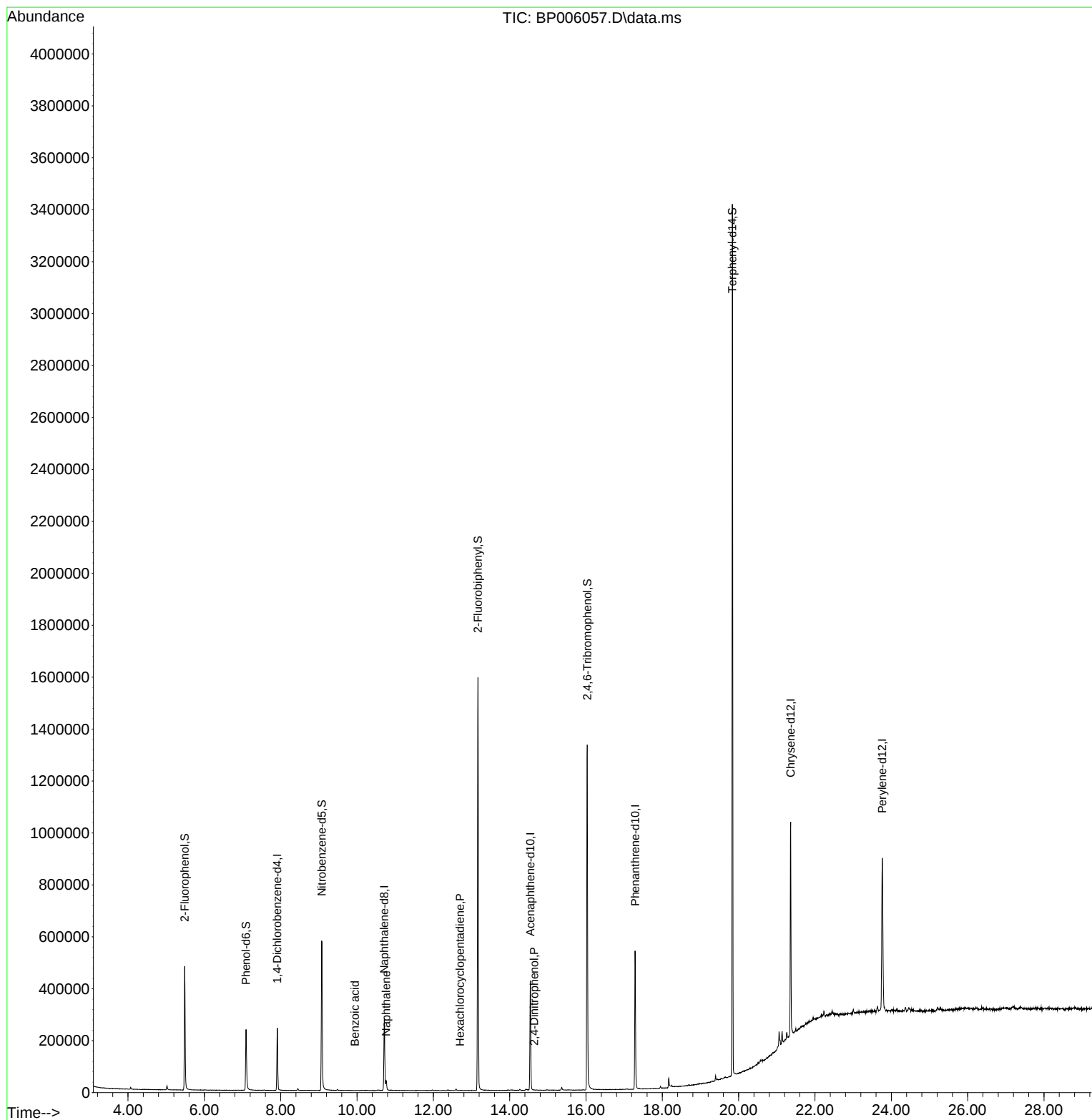
| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.911  | 152  | 68630    | 20.000  | ng    | -0.01    |
| 21) Naphthalene-d8            | 10.716 | 136  | 255556   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.540 | 164  | 152361   | 20.000  | ng    | -0.01    |
| 64) Phenanthrene-d10          | 17.287 | 188  | 318257   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 21.363 | 240  | 418604   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 23.763 | 264  | 484762   | 20.000  | ng    | -0.01    |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.487  | 112  | 223847   | 52.337  | ng    | 0.00     |
| 7) Phenol-d6                  | 7.093  | 99   | 158047   | 28.510  | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.075  | 82   | 370137   | 71.009  | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol      | 16.034 | 330  | 293989   | 112.440 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.169 | 172  | 833771   | 71.859  | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.833 | 244  | 1572016  | 70.319  | ng    | -0.01    |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 31) Naphthalene               | 10.763 | 128  | 30974    | 2.095   | ng    | 99       |
| 32) Benzoic acid              | 9.946  | 122  | 13       | 6.323   | ng    | 87       |
| 41) Hexachlorocyclopentadiene | 12.699 | 237  | 12       | 5.508   | ng    | 93       |
| 54) 2,4-Dinitrophenol         | 14.640 | 184  | 20       | 4.860   | ng    | # 17     |
| -----                         |        |      |          |         |       |          |

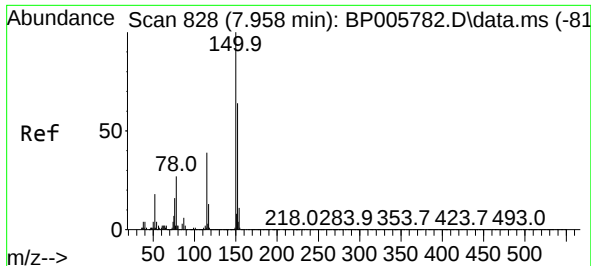
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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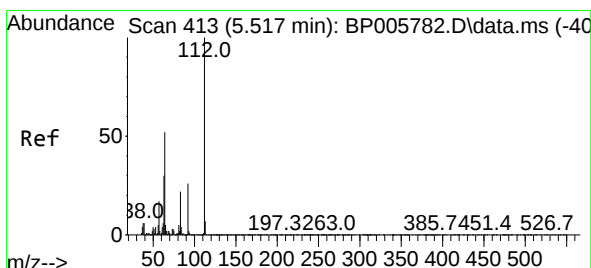
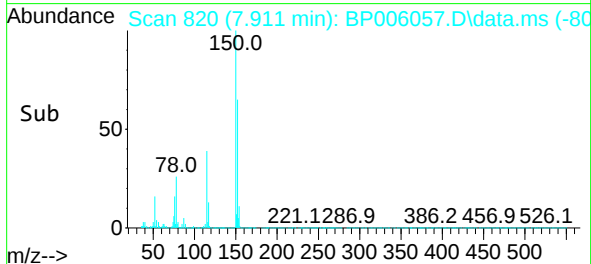
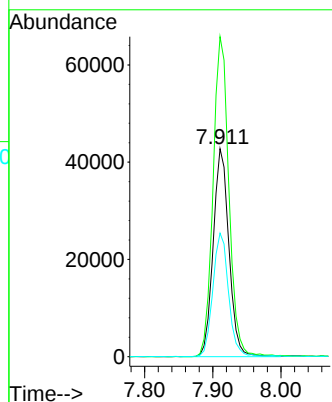
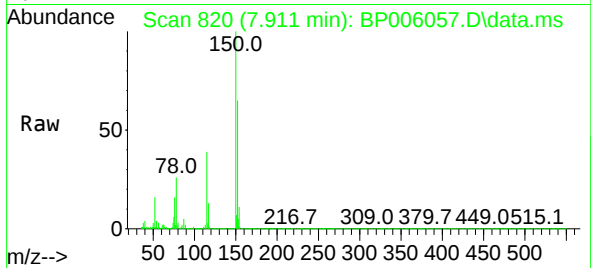




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.911 min Scan# 820  
Delta R.T. -0.011 min  
Lab File: BP006057.D  
Acq: 24 Jun 2021 17:29

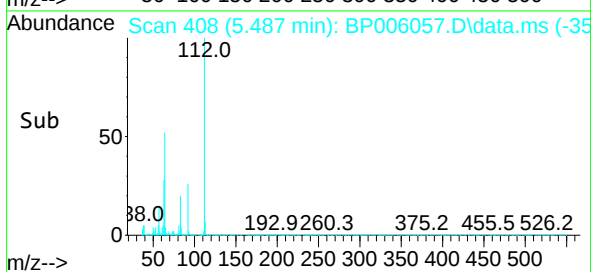
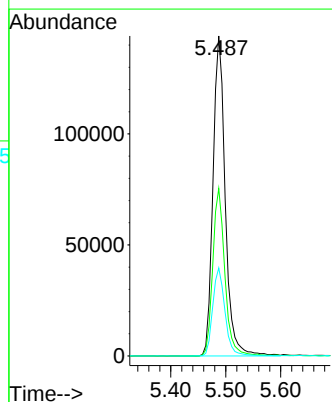
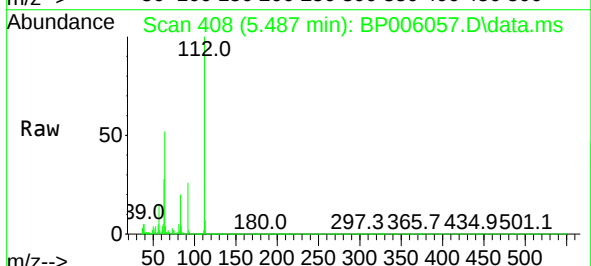
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BNA\_P  
ClientSampleId :  
MW-8D

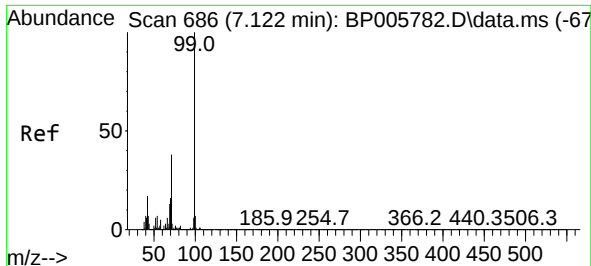
Tgt Ion:152 Resp: 68630  
Ion Ratio Lower Upper  
152 100  
150 153.8 125.6 188.4  
115 59.3 48.5 72.7



#5  
2-Fluorophenol  
Concen: 52.337 ng  
RT: 5.487 min Scan# 408  
Delta R.T. 0.000 min  
Lab File: BP006057.D  
Acq: 24 Jun 2021 17:29

Tgt Ion:112 Resp: 223847  
Ion Ratio Lower Upper  
112 100  
64 52.4 41.4 62.2  
63 27.5 23.8 35.8

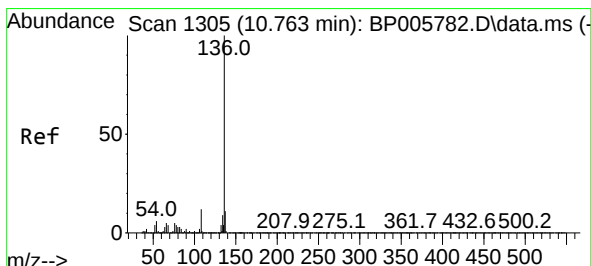
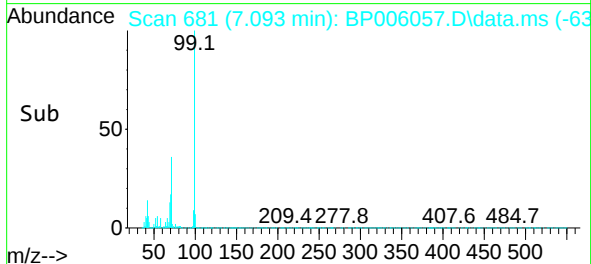
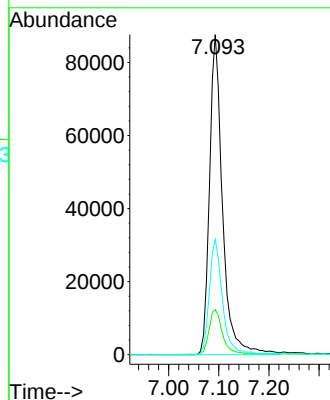
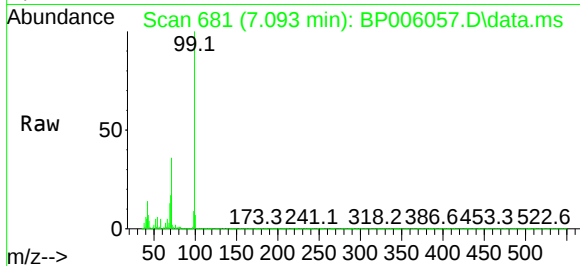




#7  
Phenol-d6  
Concen: 28.510 ng  
RT: 7.093 min Scan# 681  
Delta R.T. 0.000 min  
Lab File: BP006057.D  
Acq: 24 Jun 2021 17:29

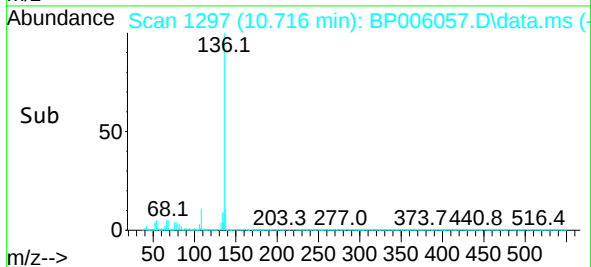
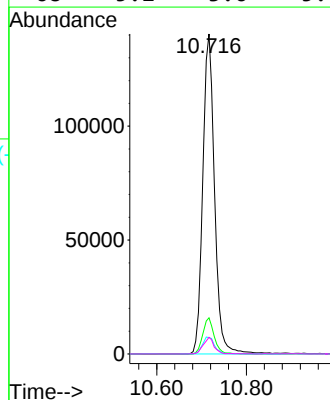
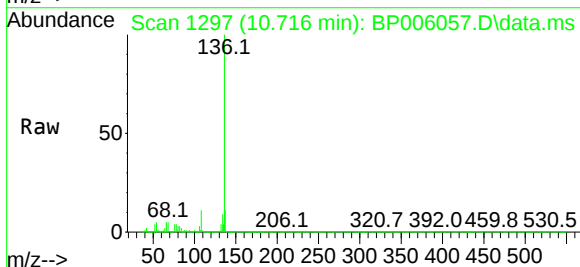
Instrument :  
BNA\_P  
ClientSampleId :  
MW-8D

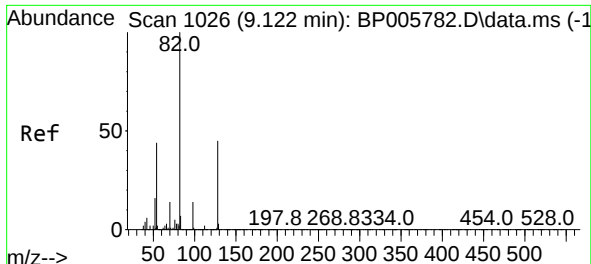
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 99    | Resp: | 158047 |
| Ion      | Ratio | Lower | Upper  |
| 99       | 100   |       |        |
| 42       | 14.1  | 13.4  | 20.0   |
| 71       | 36.0  | 30.6  | 46.0   |



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.716 min Scan# 1297  
Delta R.T. -0.006 min  
Lab File: BP006057.D  
Acq: 24 Jun 2021 17:29

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 136   | Resp: | 255556 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 11.3  | 8.6   | 12.8   |
| 54       | 5.1   | 4.6   | 6.8    |
| 68       | 5.2   | 3.6   | 5.4    |

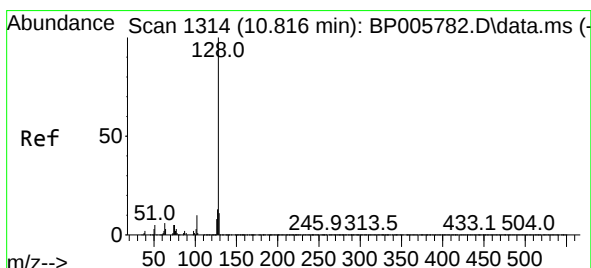
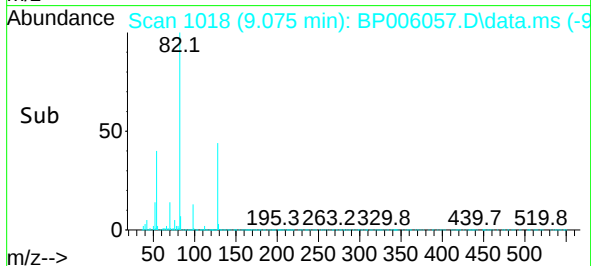
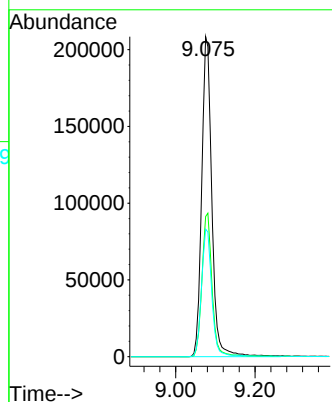
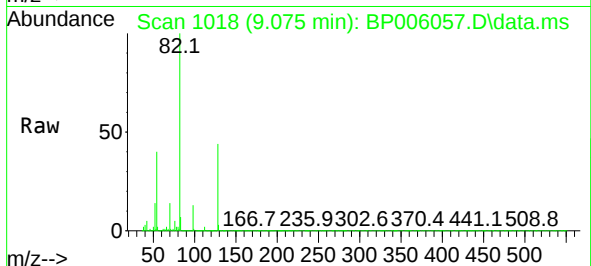




#23  
Nitrobenzene-d5  
Concen: 71.009 ng  
RT: 9.075 min Scan# 1018  
Delta R.T. -0.012 min  
Lab File: BP006057.D  
Acq: 24 Jun 2021 17:29

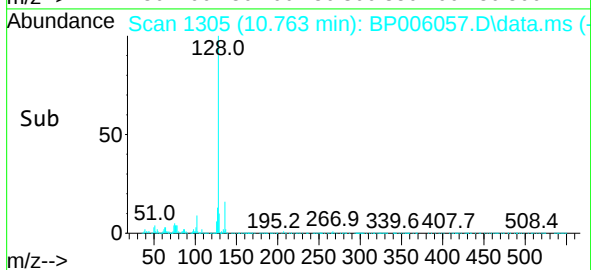
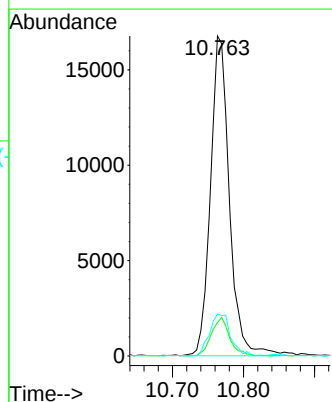
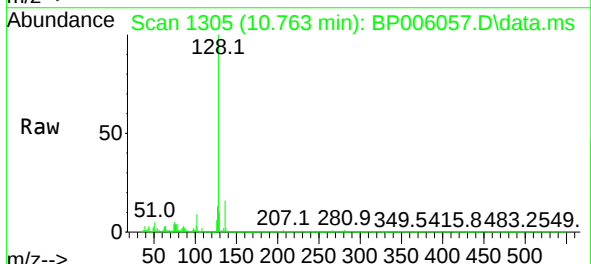
Instrument :  
BNA\_P  
ClientSampleId :  
MW-8D

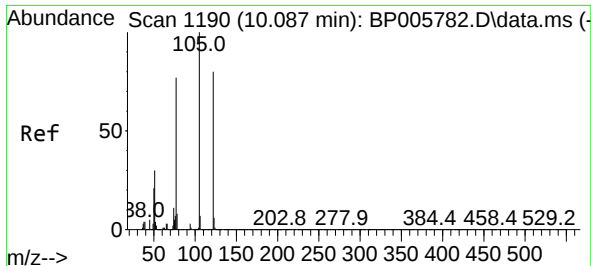
Tgt Ion: 82 Resp: 370137  
Ion Ratio Lower Upper  
82 100  
128 43.8 35.7 53.5  
54 39.8 35.0 52.4



#31  
Naphthalene  
Concen: 2.095 ng  
RT: 10.763 min Scan# 1305  
Delta R.T. -0.012 min  
Lab File: BP006057.D  
Acq: 24 Jun 2021 17:29

Tgt Ion: 128 Resp: 30974  
Ion Ratio Lower Upper  
128 100  
129 10.5 9.0 13.6  
127 13.1 10.7 16.1

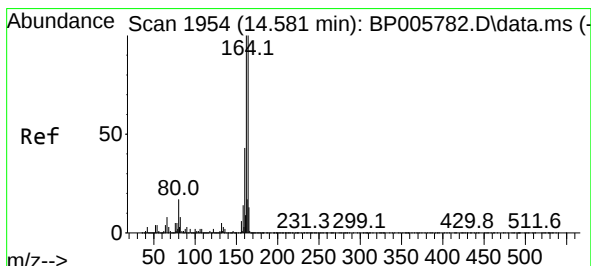
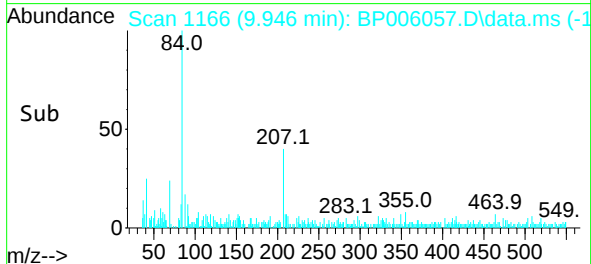
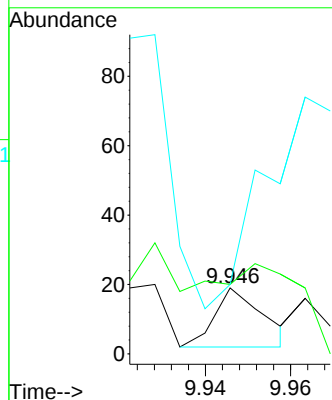
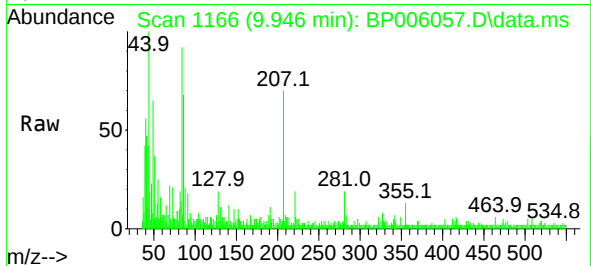




#32  
Benzoic acid  
Concen: 6.323 ng  
RT: 9.946 min Scan# 1166  
Delta R.T. -0.129 min  
Lab File: BP006057.D  
Acq: 24 Jun 2021 17:29

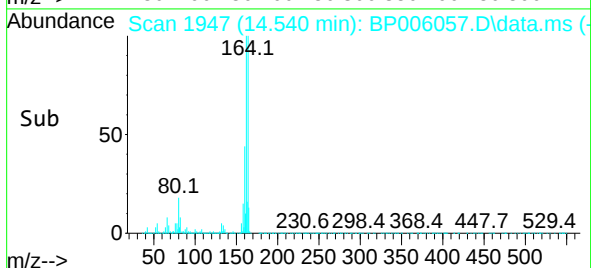
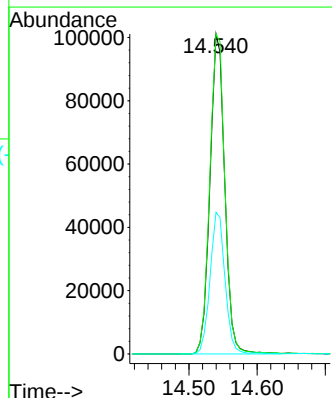
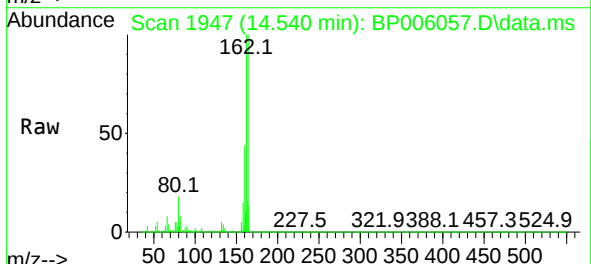
Instrument :  
BNA\_P  
ClientSampleId :  
MW-8D

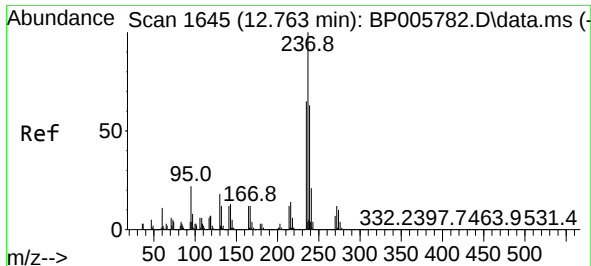
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 122   | Resp: | 13    |
| Ion      | Ratio | Lower | Upper |
| 122      | 100   |       |       |
| 105      | 105.3 | 103.2 | 143.2 |
| 77       | 105.3 | 76.2  | 116.2 |



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.540 min Scan# 1947  
Delta R.T. -0.012 min  
Lab File: BP006057.D  
Acq: 24 Jun 2021 17:29

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 164   | Resp: | 152361 |
| Ion      | Ratio | Lower | Upper  |
| 164      | 100   |       |        |
| 162      | 99.9  | 80.2  | 120.2  |
| 160      | 44.3  | 34.5  | 51.7   |

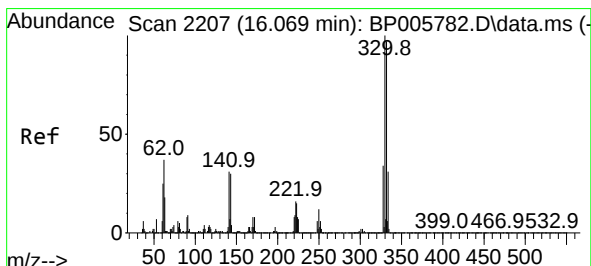
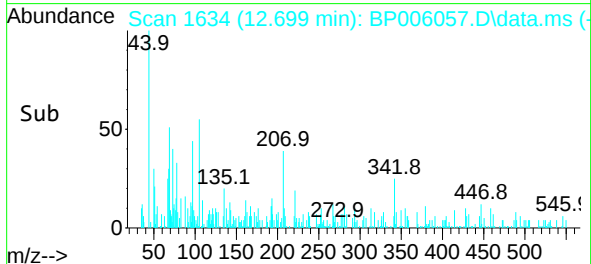
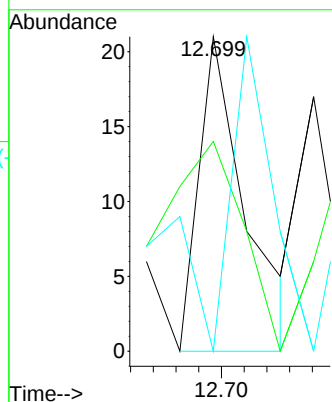
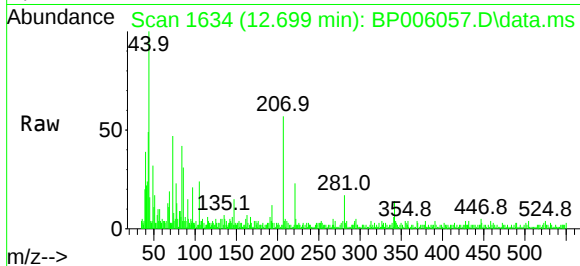




#41  
Hexachlorocyclopentadiene  
Concen: 5.508 ng  
RT: 12.699 min Scan# 1634  
Delta R.T. -0.029 min  
Lab File: BP006057.D  
Acq: 24 Jun 2021 17:29

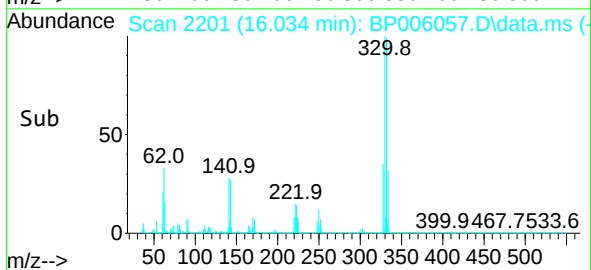
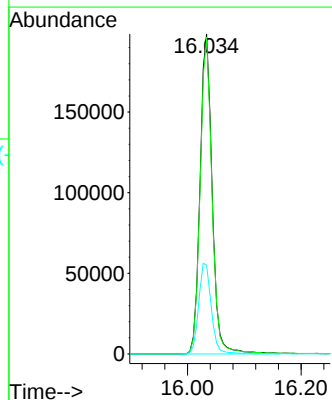
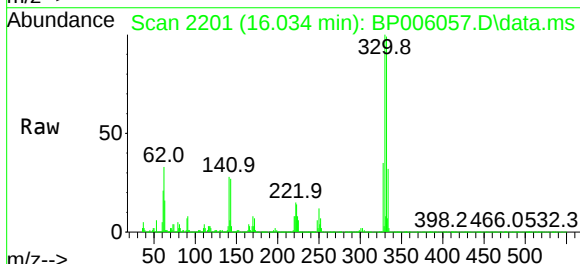
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ClientSampleId :  
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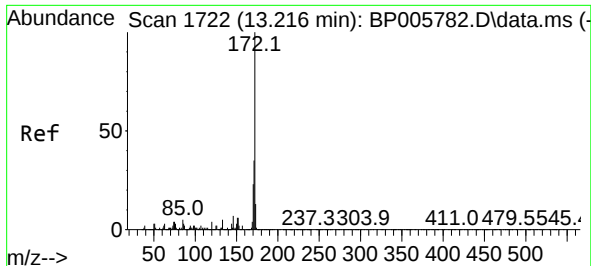
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|-------------|-------|-----------|
| Tgt Ion:237 | Resp: | 12        |
| Ion Ratio   | Lower | Upper     |
| 237         | 100   |           |
| 235         | 66.7  | 44.5 84.5 |
| 272         | 0.0   | 0.0 32.5  |



#42  
2,4,6-Tribromophenol  
Concen: 112.440 ng  
RT: 16.034 min Scan# 2201  
Delta R.T. -0.006 min  
Lab File: BP006057.D  
Acq: 24 Jun 2021 17:29

|             |       |            |
|-------------|-------|------------|
| Tgt Ion:330 | Resp: | 293989     |
| Ion Ratio   | Lower | Upper      |
| 330         | 100   |            |
| 332         | 97.5  | 77.8 116.8 |
| 141         | 29.7  | 25.4 38.2  |

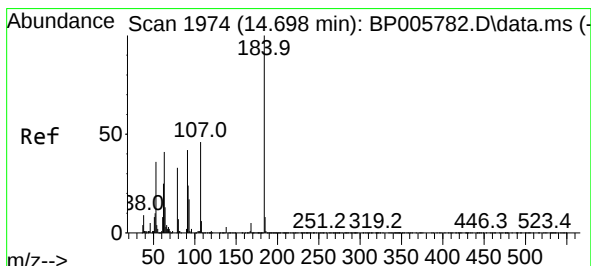
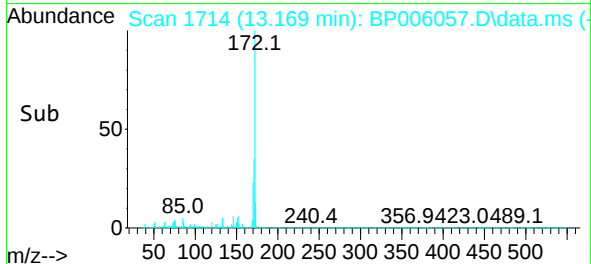
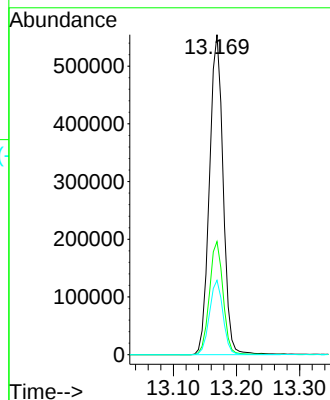
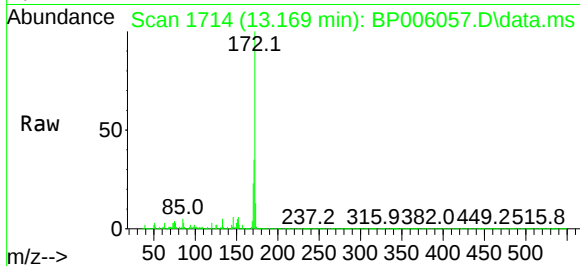




#45  
2-Fluorobiphenyl  
Concen: 71.859 ng  
RT: 13.169 min Scan# 1714  
Delta R.T. -0.006 min  
Lab File: BP006057.D  
Acq: 24 Jun 2021 17:29

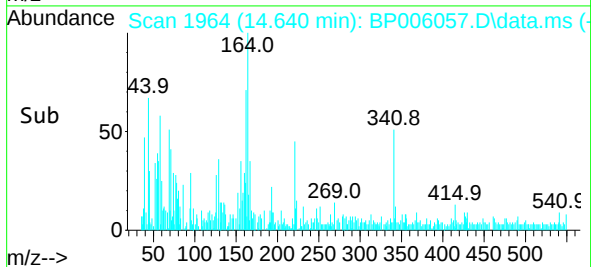
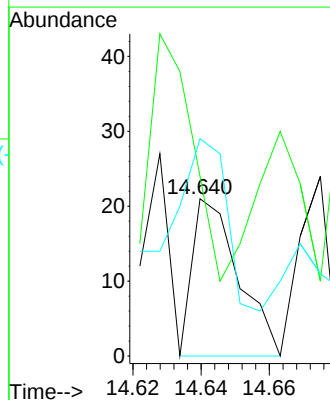
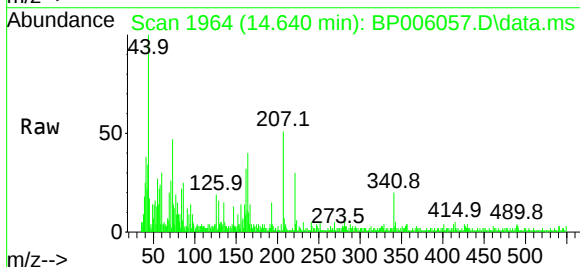
Instrument :  
BNA\_P  
ClientSampleId :  
MW-8D

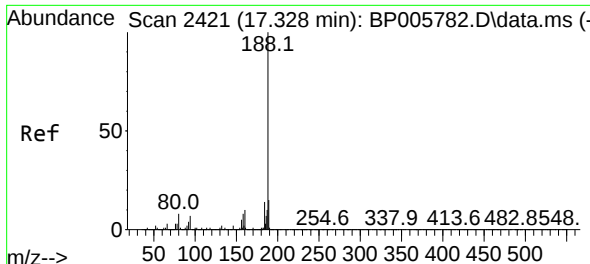
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|-------------|-------|-----------|
| Tgt Ion:172 | Resp: | 833771    |
| Ion Ratio   | Lower | Upper     |
| 172         | 100   |           |
| 171         | 35.3  | 27.9 41.9 |
| 170         | 23.3  | 18.6 27.8 |



#54  
2,4-Dinitrophenol  
Concen: 4.860 ng  
RT: 14.640 min Scan# 1964  
Delta R.T. -0.035 min  
Lab File: BP006057.D  
Acq: 24 Jun 2021 17:29

|             |       |            |
|-------------|-------|------------|
| Tgt Ion:184 | Resp: | 20         |
| Ion Ratio   | Lower | Upper      |
| 184         | 100   |            |
| 63          | 114.3 | 47.0 70.6# |
| 154         | 138.1 | 52.3 78.5# |

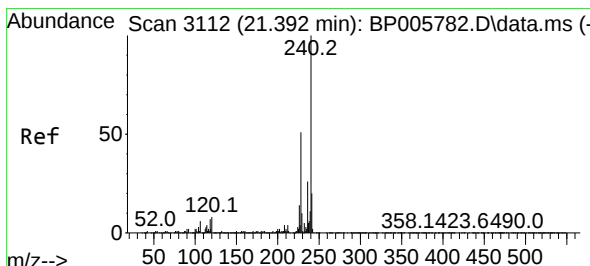
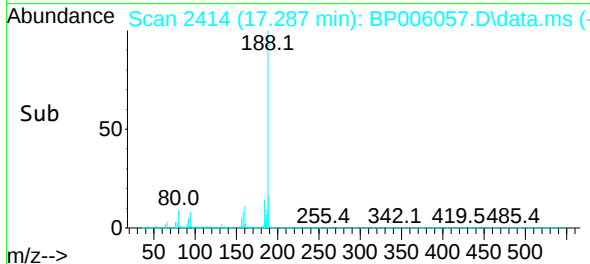
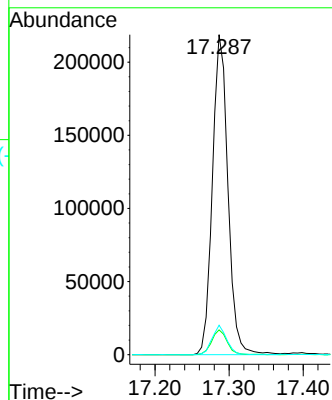
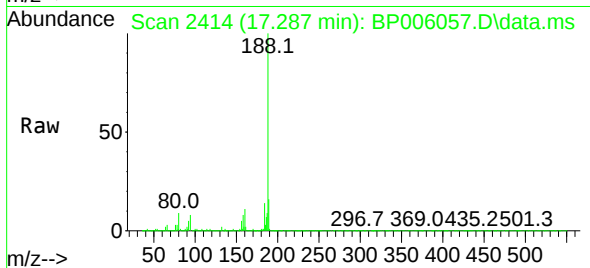




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.287 min Scan# 2414  
Delta R.T. -0.006 min  
Lab File: BP006057.D  
Acq: 24 Jun 2021 17:29

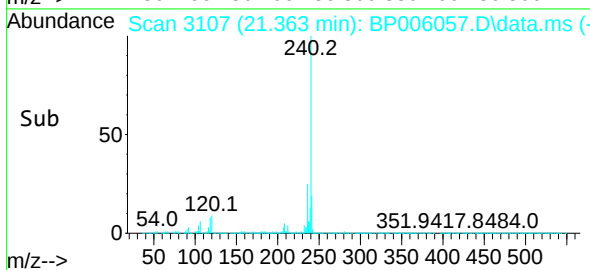
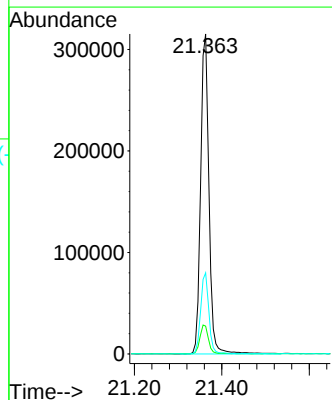
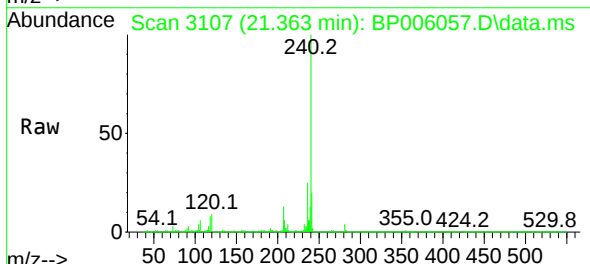
Instrument :  
BNA\_P  
ClientSampleId :  
MW-8D

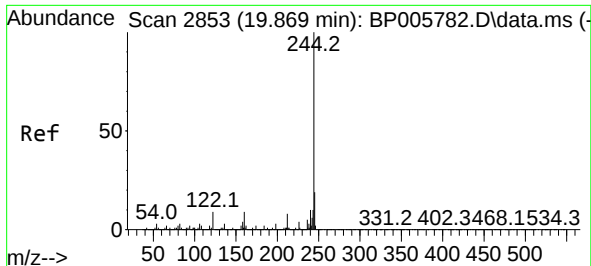
Tgt Ion:188 Resp: 318257  
Ion Ratio Lower Upper  
188 100  
94 7.7 5.6 8.4  
80 9.2 6.3 9.5



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.363 min Scan# 3107  
Delta R.T. -0.006 min  
Lab File: BP006057.D  
Acq: 24 Jun 2021 17:29

Tgt Ion:240 Resp: 418604  
Ion Ratio Lower Upper  
240 100  
120 8.7 6.5 9.7  
236 25.3 20.6 31.0

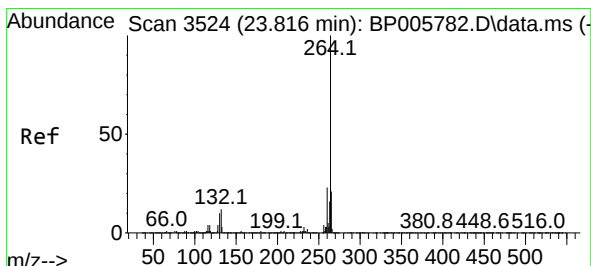
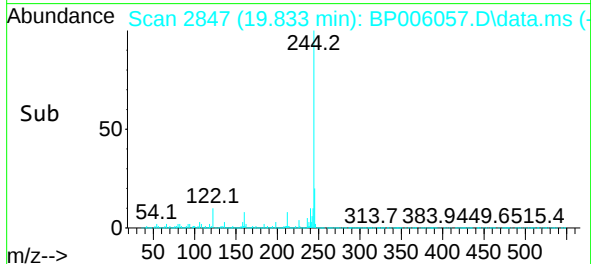
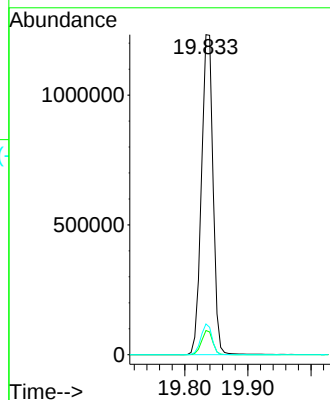
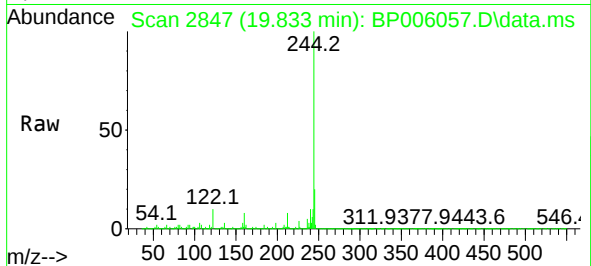




#79  
 Terphenyl-d14  
 Concen: 70.319 ng  
 RT: 19.833 min Scan# 2847  
 Delta R.T. -0.012 min  
 Lab File: BP006057.D  
 Acq: 24 Jun 2021 17:29

Instrument :  
 BNA\_P  
 ClientSampleId :  
 MW-8D

Tgt Ion:244 Resp: 1572016  
 Ion Ratio Lower Upper  
 244 100  
 212 7.5 6.0 9.0  
 122 9.6 7.1 10.7



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 23.763 min Scan# 3515  
 Delta R.T. -0.012 min  
 Lab File: BP006057.D  
 Acq: 24 Jun 2021 17:29

Tgt Ion:264 Resp: 484762  
 Ion Ratio Lower Upper  
 264 100  
 260 23.3 18.6 28.0  
 265 22.8 17.6 26.4

