

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP061221\  
 Data File : BP005895.D  
 Acq On : 12 Jun 2021 18:47  
 Operator : CG/JU  
 Sample : M2677-05  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 T3-CON

Quant Time: Jun 14 02:10:07 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP060821.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jun 11 13:53:36 2021  
 Response via : Initial Calibration

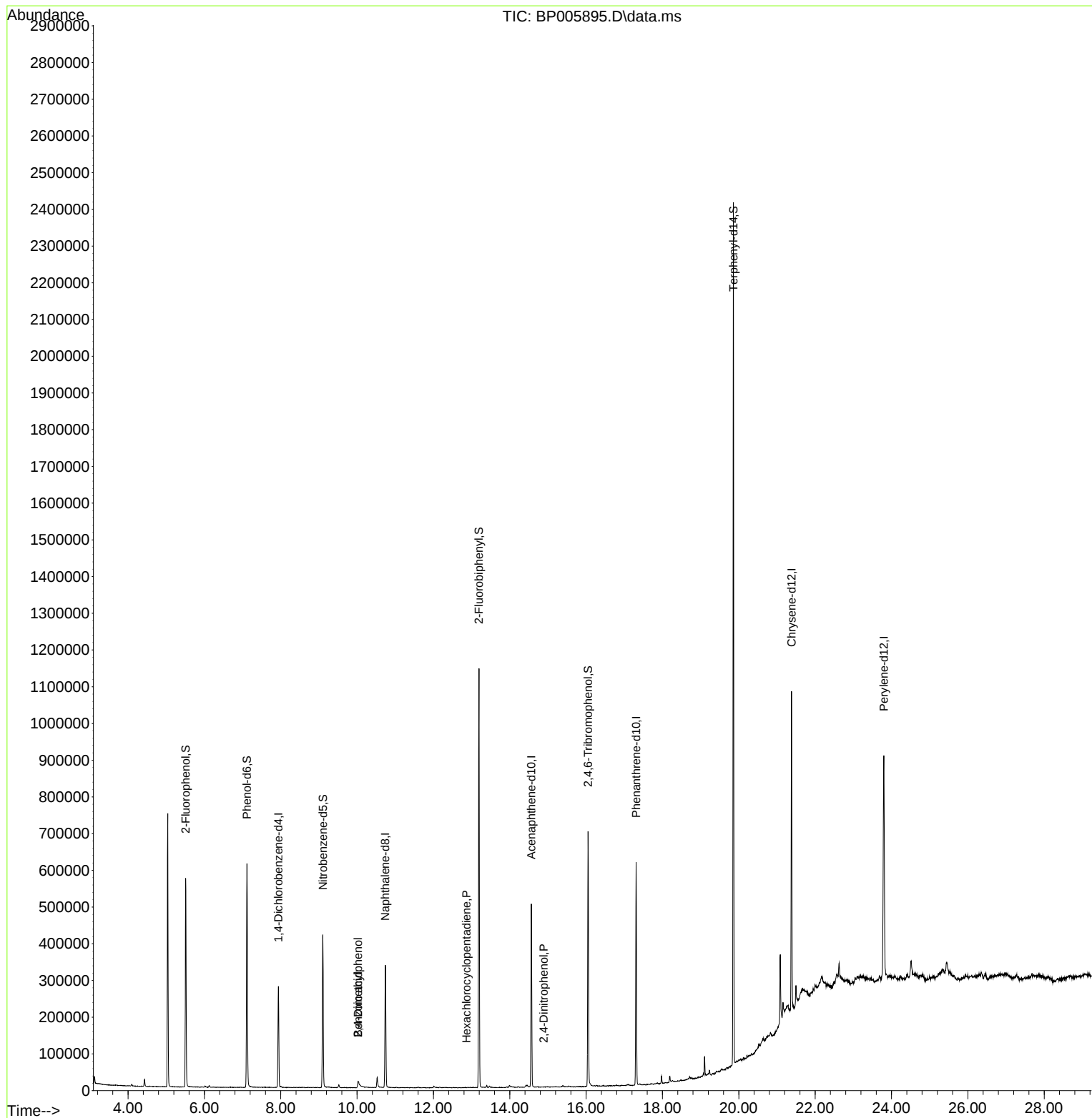
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.940  | 152  | 75491    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.740 | 136  | 285581   | 20.00 | ng    | -0.01    |
| 39) Acenaphthene-d10          | 14.563 | 164  | 168408   | 20.00 | ng    | -0.01    |
| 64) Phenanthrene-d10          | 17.310 | 188  | 348759   | 20.00 | ng    | -0.01    |
| 76) Chrysene-d12              | 21.380 | 240  | 409701   | 20.00 | ng    | -0.01    |
| 86) Perylene-d12              | 23.798 | 264  | 467447   | 20.00 | ng    | -0.02    |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 5) 2-Fluorophenol             | 5.511  | 112  | 259144   | 55.08 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.116  | 99   | 355831   | 58.35 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.104  | 82   | 251611   | 43.20 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.051 | 330  | 142244   | 49.22 | ng    | -0.01    |
| 45) 2-Fluorobiphenyl          | 13.193 | 172  | 582107   | 45.39 | ng    | -0.01    |
| 79) Terphenyl-d14             | 19.857 | 244  | 999705   | 45.69 | ng    | -0.01    |
| Target Compounds              |        |      |          |       |       |          |
|                               |        |      |          |       |       | Qvalue   |
| 27) 2,4-Dimethylphenol        | 10.028 | 122  | 12373    | 2.88  | ng    | # 3      |
| 32) Benzoic acid              | 10.028 | 122  | 12373    | 9.65  | ng    | 98       |
| 41) Hexachlorocyclopentadiene | 12.863 | 237  | 12       | 5.51  | ng    | 85       |
| 54) 2,4-Dinitrophenol         | 14.887 | 184  | 23       | 4.86  | ng    | 98       |
| -----                         |        |      |          |       |       |          |

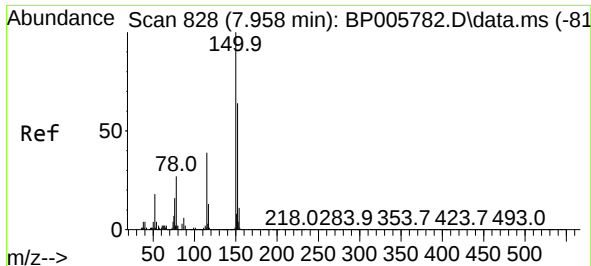
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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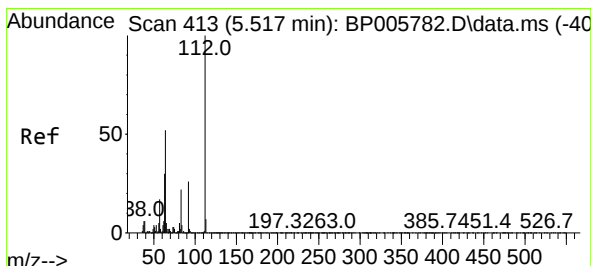
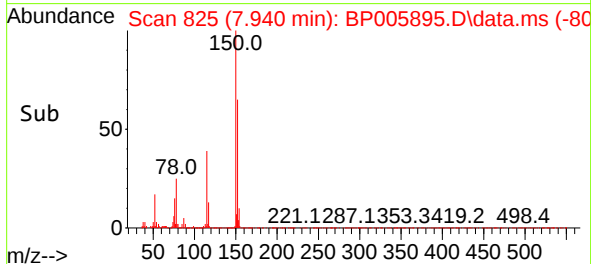
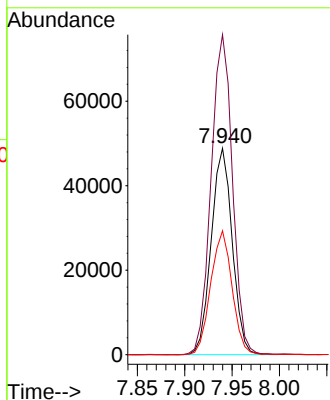
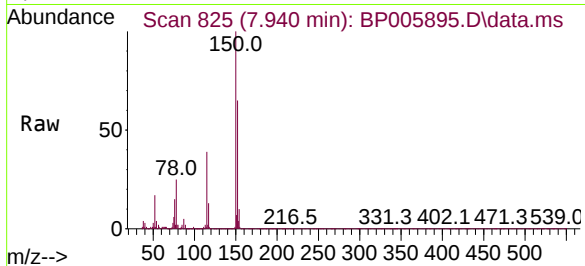




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 7.940 min Scan# 825  
Delta R.T. -0.006 min  
Lab File: BP005895.D  
Acq: 12 Jun 2021 18:47

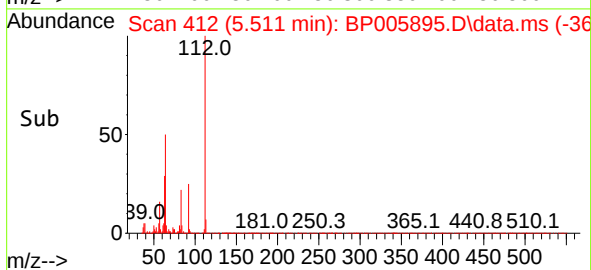
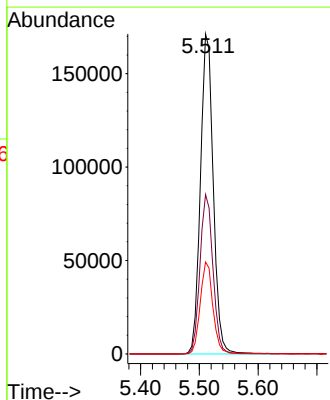
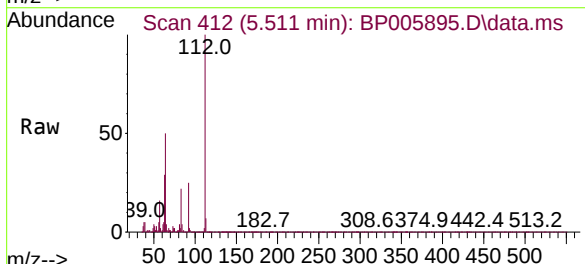
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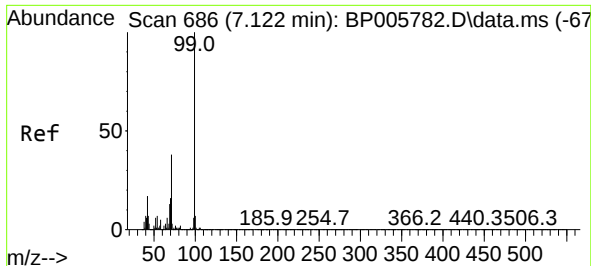
Tgt Ion:152 Resp: 75491  
Ion Ratio Lower Upper  
152 100  
150 155.0 125.6 188.4  
115 60.0 48.5 72.7



#5  
2-Fluorophenol  
Concen: 55.08 ng  
RT: 5.511 min Scan# 412  
Delta R.T. -0.000 min  
Lab File: BP005895.D  
Acq: 12 Jun 2021 18:47

Tgt Ion:112 Resp: 259144  
Ion Ratio Lower Upper  
112 100  
64 49.8 41.4 62.2  
63 28.8 23.8 35.8

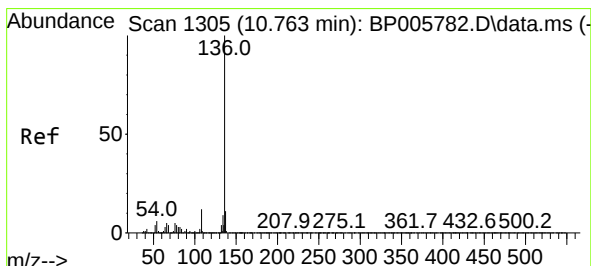
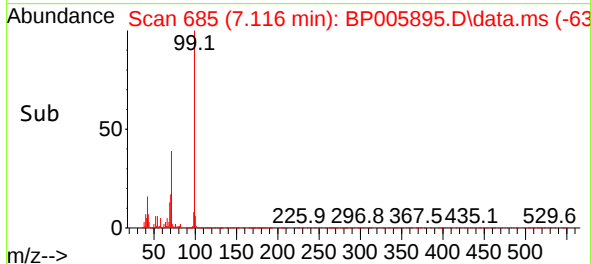
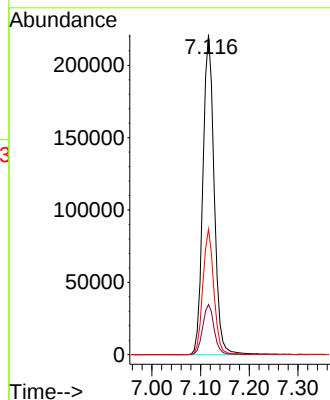
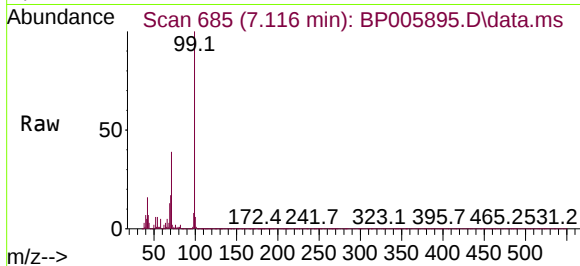




#7  
Phenol-d6  
Concen: 58.35 ng  
RT: 7.116 min Scan# 685  
Delta R.T. 0.006 min  
Lab File: BP005895.D  
Acq: 12 Jun 2021 18:47

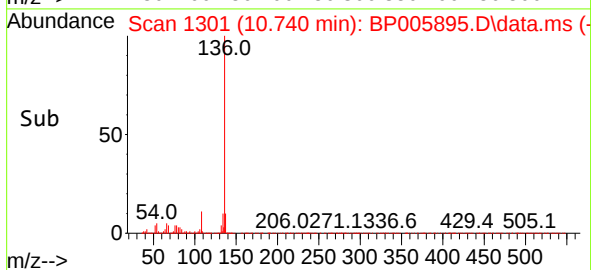
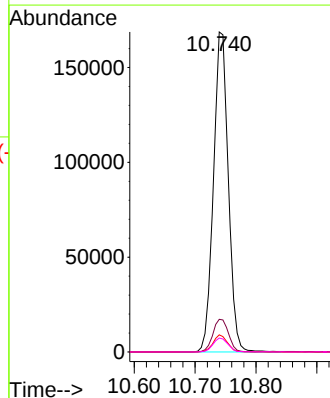
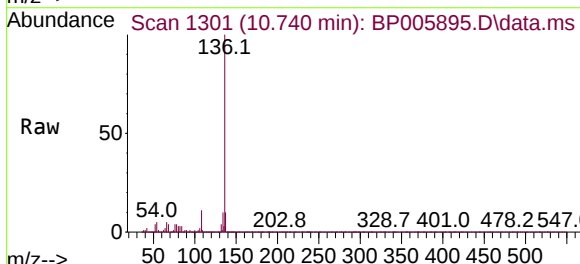
Instrument :  
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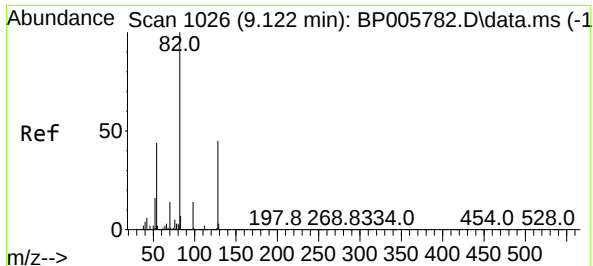
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 99    | Resp: | 355831 |
| Ion      | Ratio | Lower | Upper  |
| 99       | 100   |       |        |
| 42       | 15.7  | 13.4  | 20.0   |
| 71       | 39.3  | 30.6  | 46.0   |



#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 10.740 min Scan# 1301  
Delta R.T. -0.012 min  
Lab File: BP005895.D  
Acq: 12 Jun 2021 18:47

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 136   | Resp: | 285581 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 10.2  | 8.6   | 12.8   |
| 54       | 5.4   | 4.6   | 6.8    |
| 68       | 4.3   | 3.6   | 5.4    |

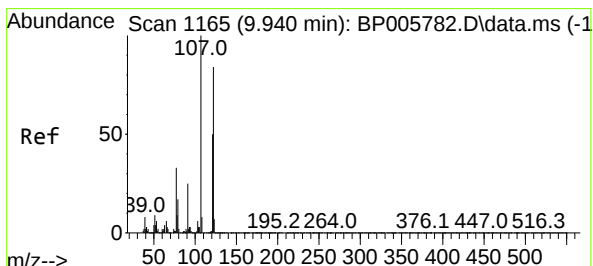
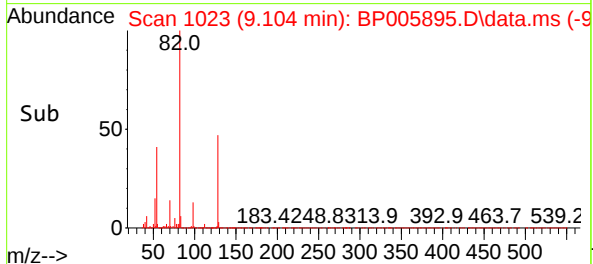
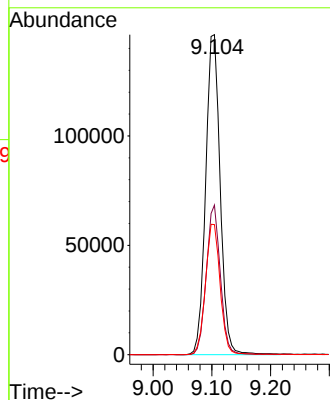
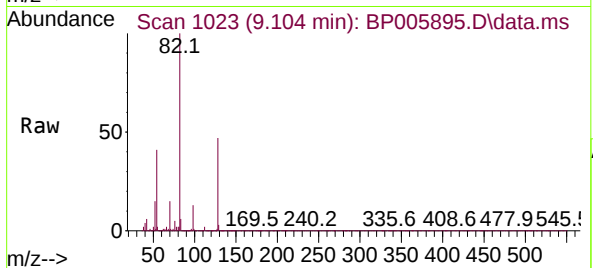




#23  
Nitrobenzene-d5  
Concen: 43.20 ng  
RT: 9.104 min Scan# 1023  
Delta R.T. -0.006 min  
Lab File: BP005895.D  
Acq: 12 Jun 2021 18:47

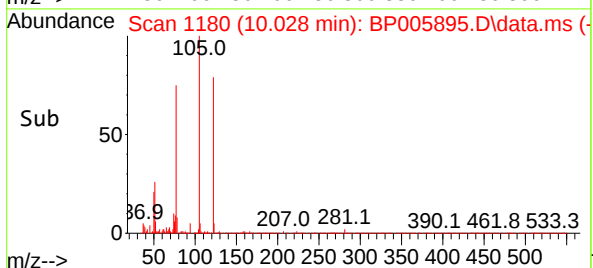
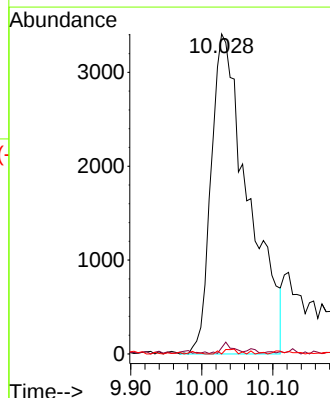
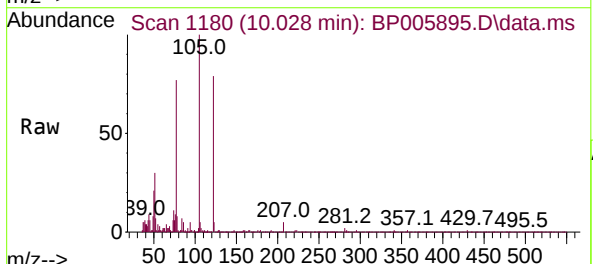
Instrument :  
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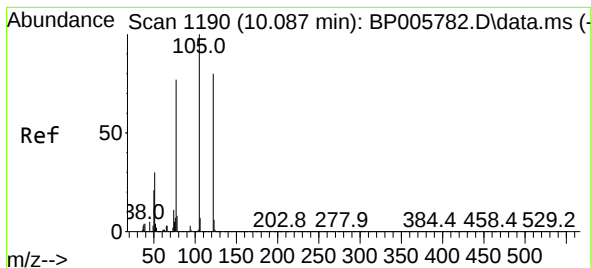
Tgt Ion: 82 Resp: 251611  
Ion Ratio Lower Upper  
82 100  
128 46.7 35.7 53.5  
54 40.6 35.0 52.4



#27  
2,4-Dimethylphenol  
Concen: 2.88 ng  
RT: 10.028 min Scan# 1180  
Delta R.T. 0.100 min  
Lab File: BP005895.D  
Acq: 12 Jun 2021 18:47

Tgt Ion: 122 Resp: 12373  
Ion Ratio Lower Upper  
122 100  
107 2.0 94.5 141.7#  
121 0.0 47.4 71.2#

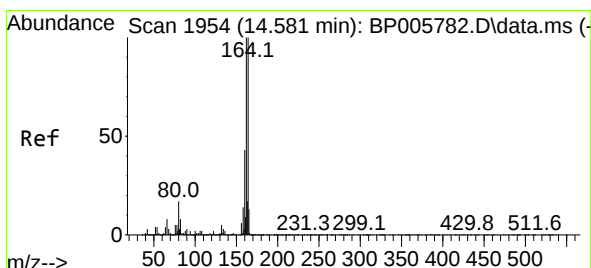
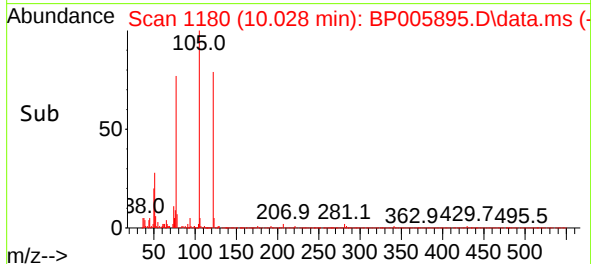
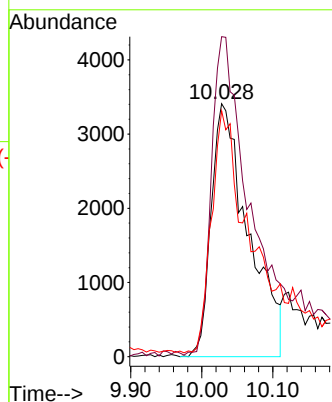
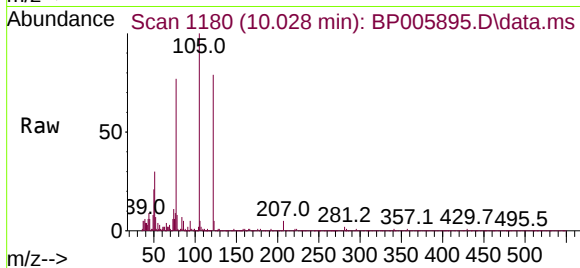




#32  
Benzoic acid  
Concen: 9.65 ng  
RT: 10.028 min Scan# 1180  
Delta R.T. -0.053 min  
Lab File: BP005895.D  
Acq: 12 Jun 2021 18:47

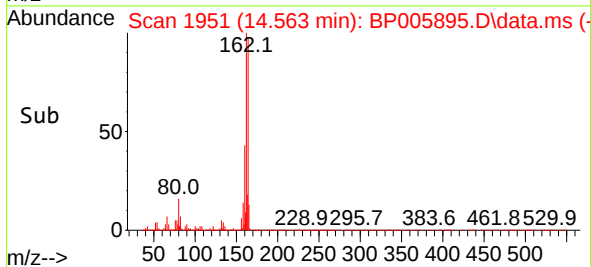
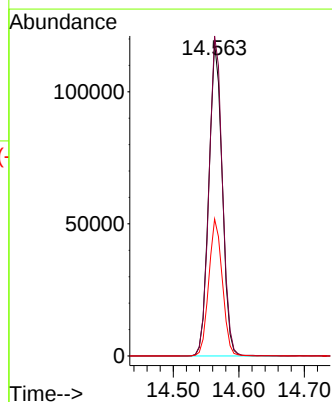
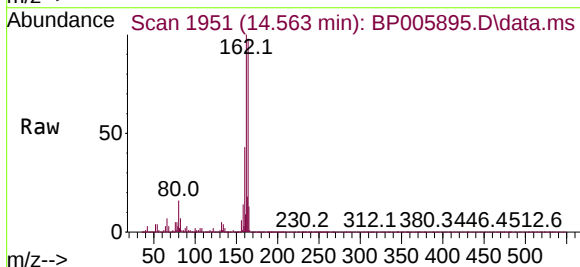
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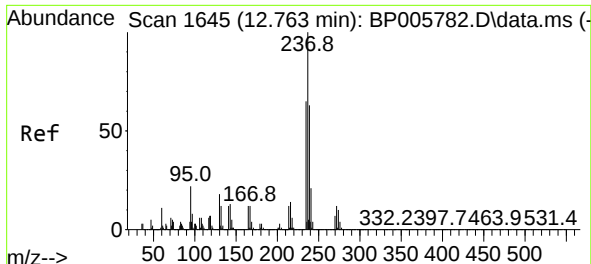
Tgt Ion:122 Resp: 12373  
Ion Ratio Lower Upper  
122 100  
105 126.5 103.2 143.2  
77 97.2 76.2 116.2



#39  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 14.563 min Scan# 1951  
Delta R.T. -0.012 min  
Lab File: BP005895.D  
Acq: 12 Jun 2021 18:47

Tgt Ion:164 Resp: 168408  
Ion Ratio Lower Upper  
164 100  
162 102.1 80.2 120.2  
160 43.7 34.5 51.7

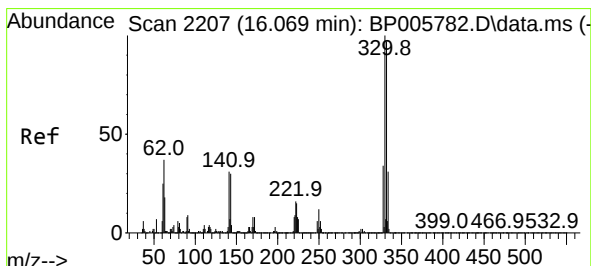
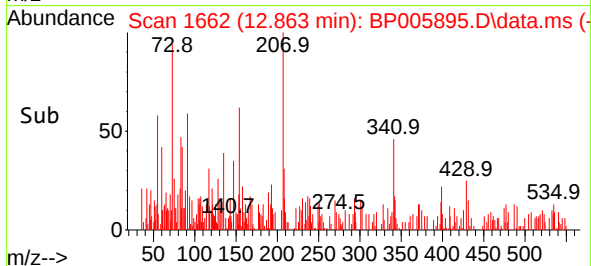
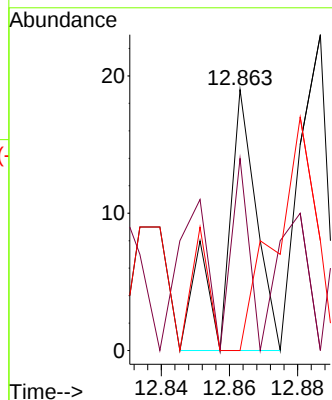
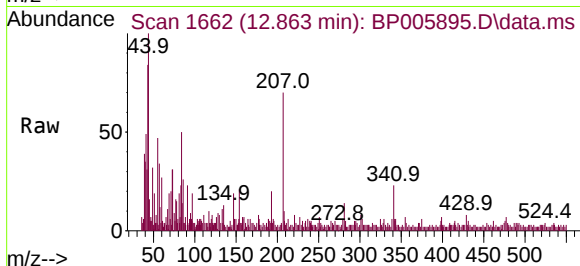




#41  
Hexachlorocyclopentadiene  
Concen: 5.51 ng  
RT: 12.863 min Scan# 1662  
Delta R.T. 0.106 min  
Lab File: BP005895.D  
Acq: 12 Jun 2021 18:47

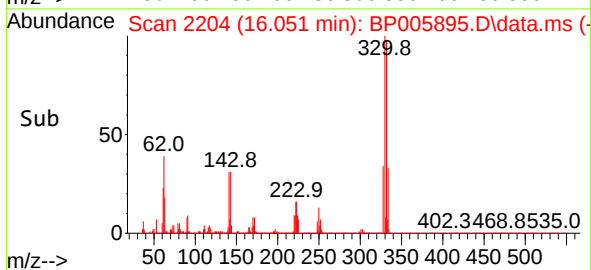
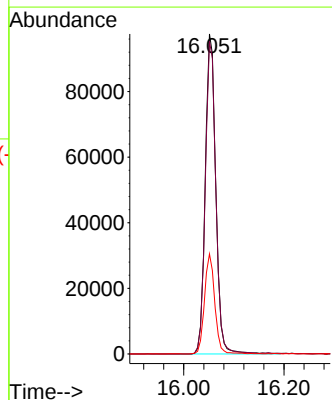
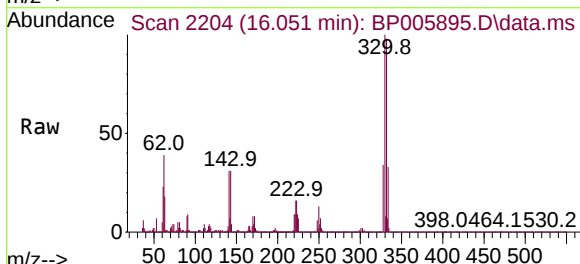
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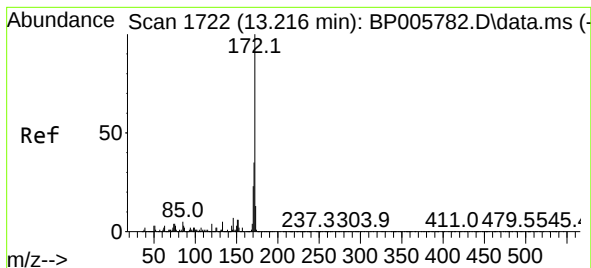
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|----------|-------|-------|-------|
| Tgt Ion: | 237   | Resp: | 12    |
| Ion      | Ratio | Lower | Upper |
| 237      | 100   |       |       |
| 235      | 73.7  | 44.5  | 84.5  |
| 272      | 0.0   | 0.0   | 32.5  |



#42  
2,4,6-Tribromophenol  
Concen: 49.22 ng  
RT: 16.051 min Scan# 2204  
Delta R.T. -0.012 min  
Lab File: BP005895.D  
Acq: 12 Jun 2021 18:47

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 330   | Resp: | 142244 |
| Ion      | Ratio | Lower | Upper  |
| 330      | 100   |       |        |
| 332      | 97.7  | 77.8  | 116.8  |
| 141      | 30.6  | 25.4  | 38.2   |

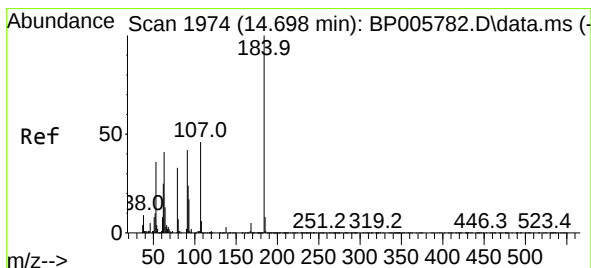
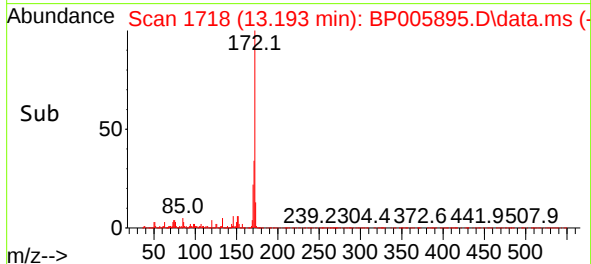
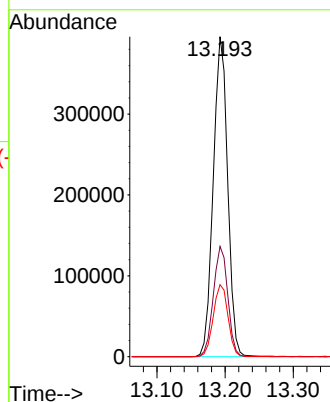
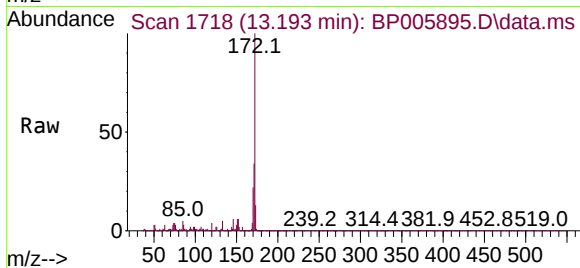




#45  
2-Fluorobiphenyl  
Concen: 45.39 ng  
RT: 13.193 min Scan# 1718  
Delta R.T. -0.012 min  
Lab File: BP005895.D  
Acq: 12 Jun 2021 18:47

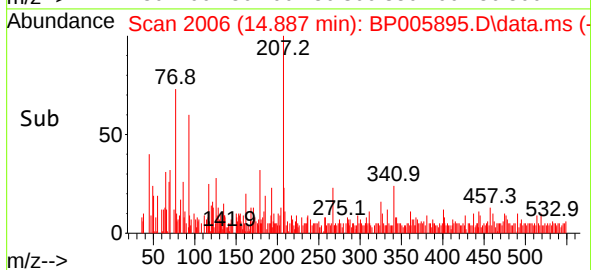
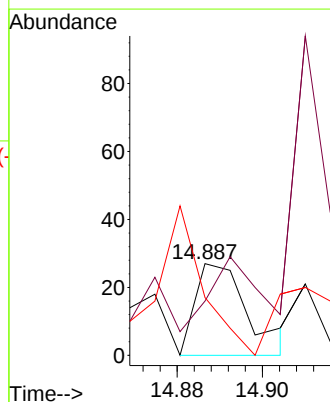
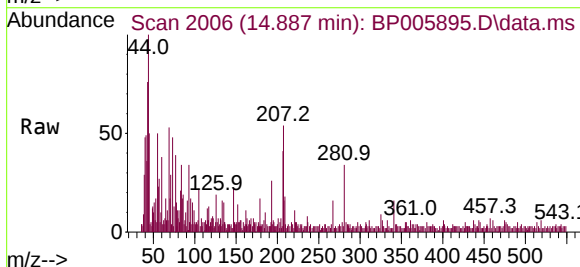
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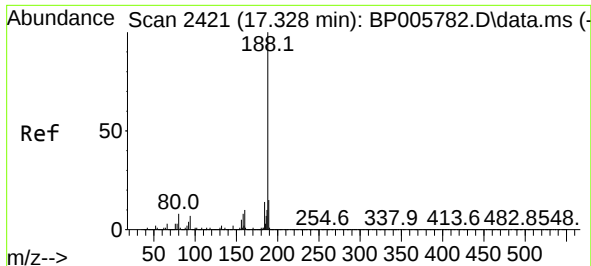
|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:172 | Resp: | 582107    |
| Ion Ratio   | Lower | Upper     |
| 172         | 100   |           |
| 171         | 34.4  | 27.9 41.9 |
| 170         | 22.5  | 18.6 27.8 |



#54  
2,4-Dinitrophenol  
Concen: 4.86 ng  
RT: 14.887 min Scan# 2006  
Delta R.T. 0.194 min  
Lab File: BP005895.D  
Acq: 12 Jun 2021 18:47

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:184 | Resp: | 23        |
| Ion Ratio   | Lower | Upper     |
| 184         | 100   |           |
| 63          | 59.3  | 47.0 70.6 |
| 154         | 63.0  | 52.3 78.5 |

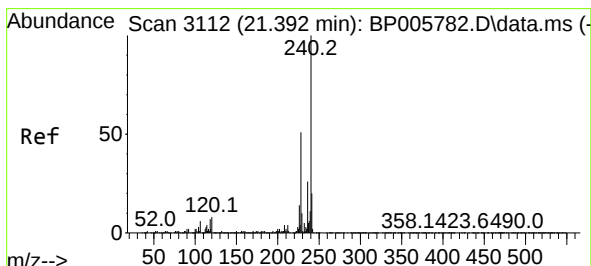
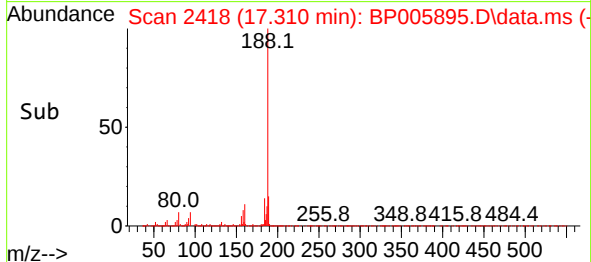
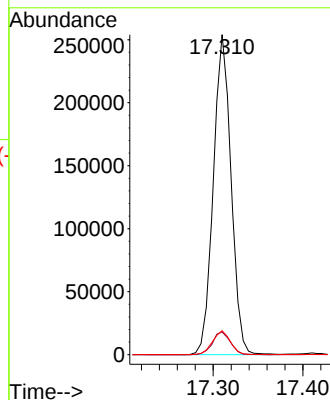
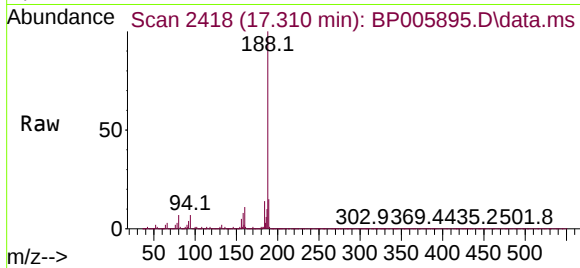




#64  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 17.310 min Scan# 2418  
Delta R.T. -0.012 min  
Lab File: BP005895.D  
Acq: 12 Jun 2021 18:47

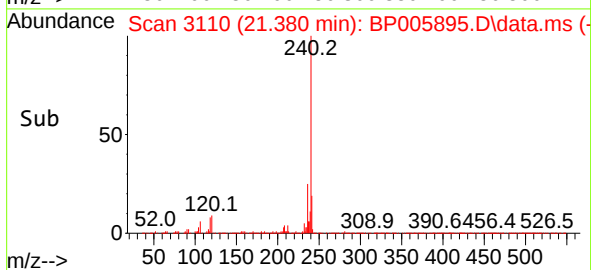
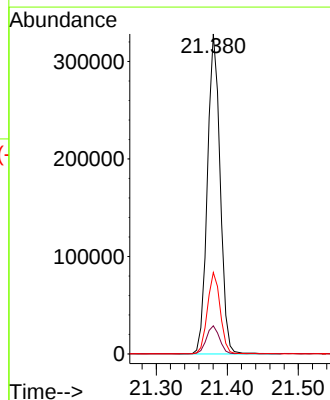
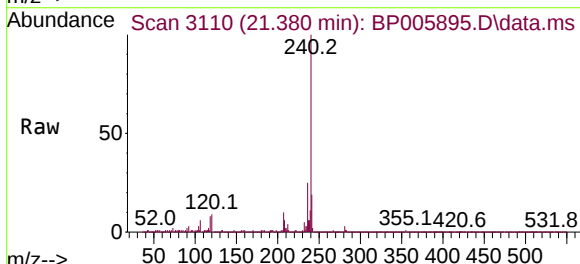
Instrument :  
BNA\_P  
ClientSampleId :  
T3-CON

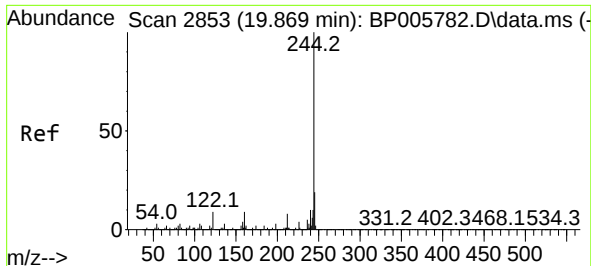
Tgt Ion:188 Resp: 348759  
Ion Ratio Lower Upper  
188 100  
94 7.1 5.6 8.4  
80 7.5 6.3 9.5



#76  
Chrysene-d12  
Concen: 20.00 ng  
RT: 21.380 min Scan# 3110  
Delta R.T. -0.012 min  
Lab File: BP005895.D  
Acq: 12 Jun 2021 18:47

Tgt Ion:240 Resp: 409701  
Ion Ratio Lower Upper  
240 100  
120 8.8 6.5 9.7  
236 25.4 20.6 31.0

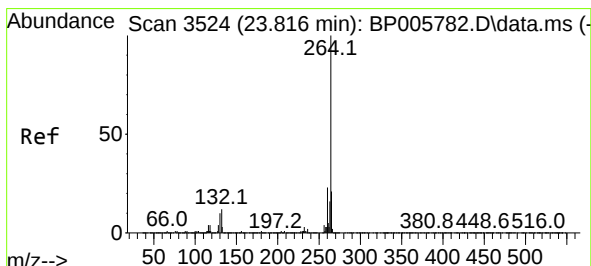
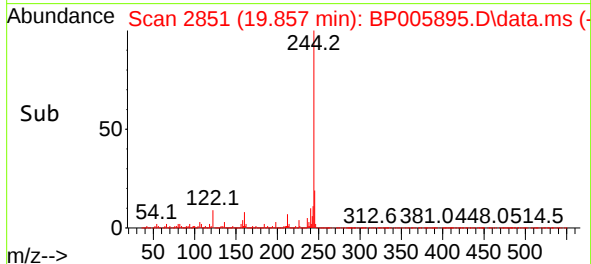
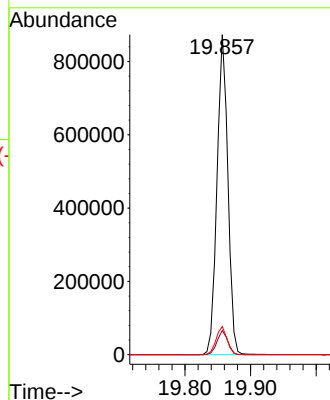
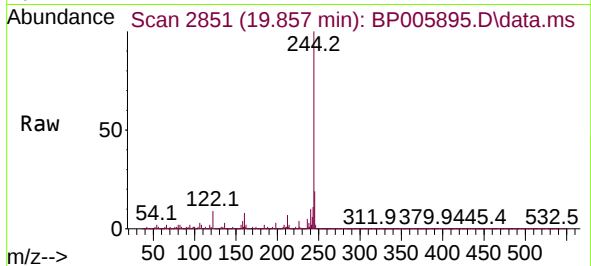




#79  
 Terphenyl-d14  
 Concen: 45.69 ng  
 RT: 19.857 min Scan# 2851  
 Delta R.T. -0.012 min  
 Lab File: BP005895.D  
 Acq: 12 Jun 2021 18:47

Instrument :  
 BNA\_P  
 ClientSampled :  
 T3-CON

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 244   | Resp: | 999705 |
| Ion Ratio | Lower | Upper |        |
| 244       | 100   |       |        |
| 212       | 7.5   | 6.0   | 9.0    |
| 122       | 8.8   | 7.1   | 10.7   |



#86  
 Perylene-d12  
 Concen: 20.00 ng  
 RT: 23.798 min Scan# 3521  
 Delta R.T. -0.018 min  
 Lab File: BP005895.D  
 Acq: 12 Jun 2021 18:47

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 264   | Resp: | 467447 |
| Ion Ratio | Lower | Upper |        |
| 264       | 100   |       |        |
| 260       | 23.4  | 18.6  | 28.0   |
| 265       | 21.7  | 17.6  | 26.4   |

