

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP061221\  
 Data File : BP005891.D  
 Acq On : 12 Jun 2021 16:31  
 Operator : CG/JU  
 Sample : M2655-01  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 0226-FIELD-BLANK-2

Quant Time: Jun 14 02:08:51 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

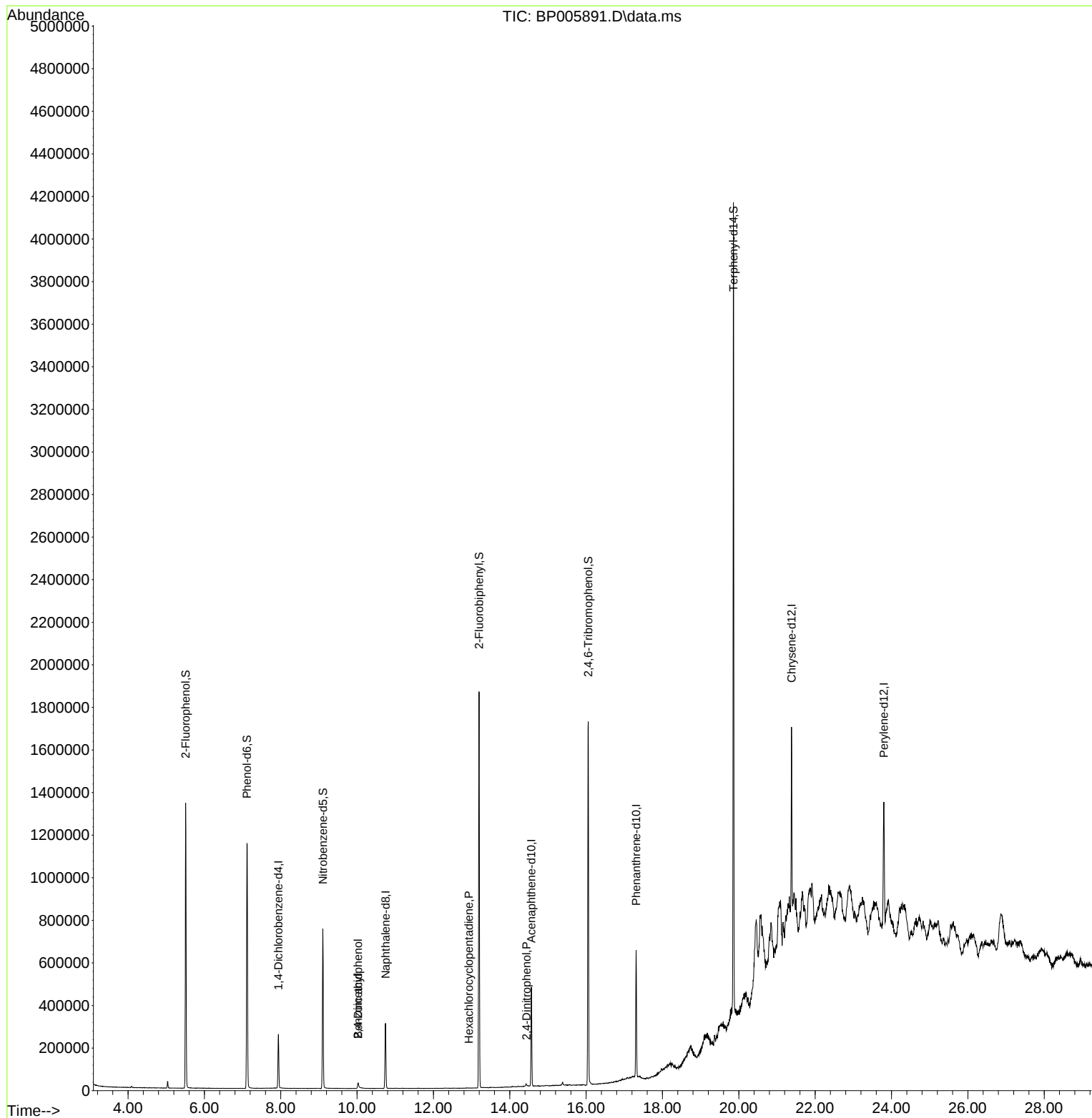
| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.940  | 152  | 69547    | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.746 | 136  | 260183   | 20.00  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.563 | 164  | 162074   | 20.00  | ng    | -0.01    |
| 64) Phenanthrene-d10          | 17.310 | 188  | 347612   | 20.00  | ng    | -0.01    |
| 76) Chrysene-d12              | 21.380 | 240  | 396181   | 20.00  | ng    | -0.01    |
| 86) Perylene-d12              | 23.798 | 264  | 453520   | 20.00  | ng    | -0.02    |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.511  | 112  | 586743   | 135.38 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.116  | 99   | 693597   | 123.47 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.104  | 82   | 423279   | 79.76  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.057 | 330  | 369623   | 132.90 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.198 | 172  | 978324   | 79.26  | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.857 | 244  | 1758679  | 83.12  | ng    | -0.01    |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 27) 2,4-Dimethylphenol        | 10.028 | 122  | 14778    | 3.77   | ng    | # 3      |
| 32) Benzoic acid              | 10.028 | 122  | 14778    | 10.69  | ng    | 93       |
| 41) Hexachlorocyclopentadiene | 12.928 | 237  | 24       | 5.51   | ng    | 76       |
| 54) 2,4-Dinitrophenol         | 14.439 | 184  | 23       | 4.86   | ng    | 93       |
| -----                         |        |      |          |        |       |          |

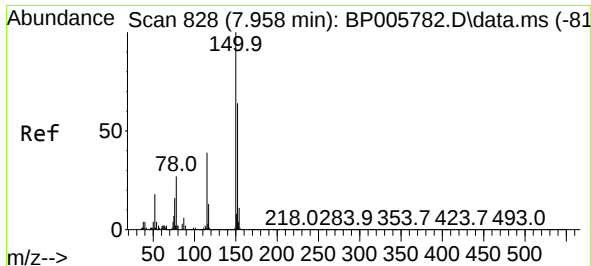
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP061221\  
Data File : BP005891.D  
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Operator : CG/JU  
Sample : M2655-01  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
0226-FIELD-BLANK-2

Quant Time: Jun 14 02:08:51 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

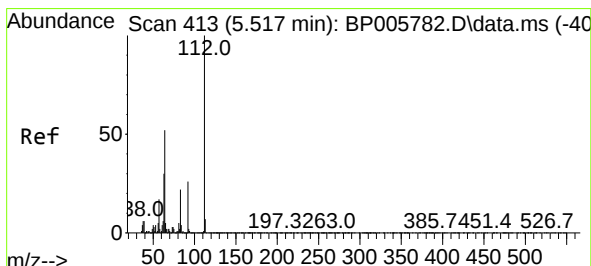
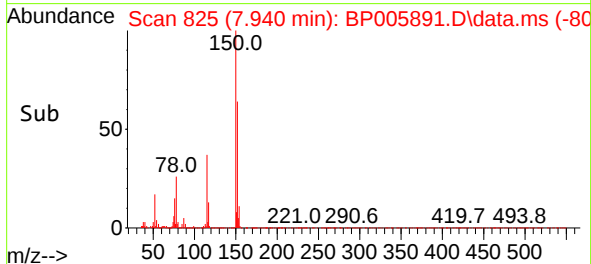
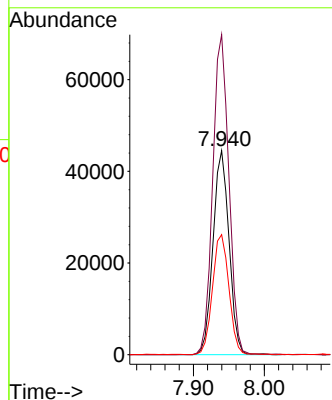
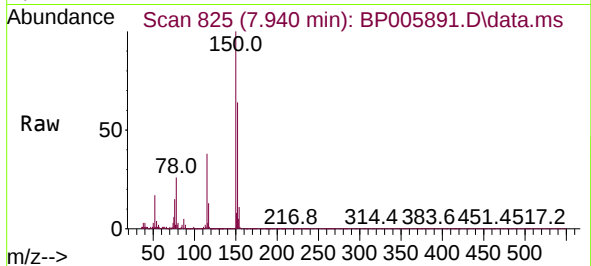




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 7.940 min Scan# 825  
Delta R.T. -0.006 min  
Lab File: BP005891.D  
Acq: 12 Jun 2021 16:31

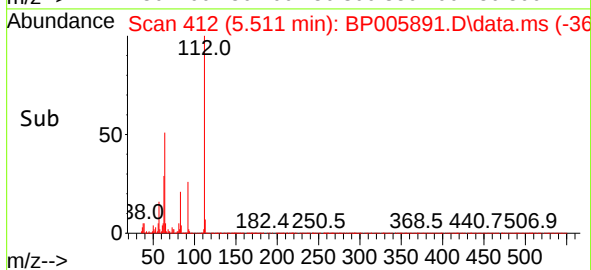
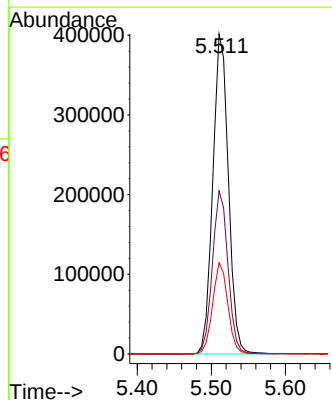
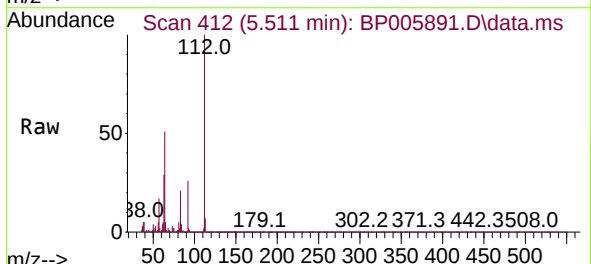
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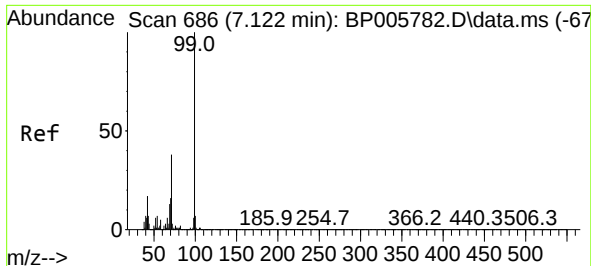
Tgt Ion:152 Resp: 69547  
Ion Ratio Lower Upper  
152 100  
150 156.8 125.6 188.4  
115 58.8 48.5 72.7



#5  
2-Fluorophenol  
Concen: 135.38 ng  
RT: 5.511 min Scan# 412  
Delta R.T. -0.000 min  
Lab File: BP005891.D  
Acq: 12 Jun 2021 16:31

Tgt Ion:112 Resp: 586743  
Ion Ratio Lower Upper  
112 100  
64 50.9 41.4 62.2  
63 28.5 23.8 35.8

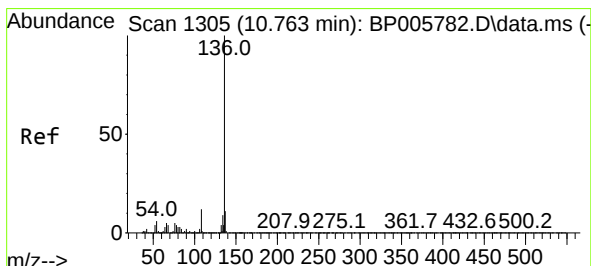
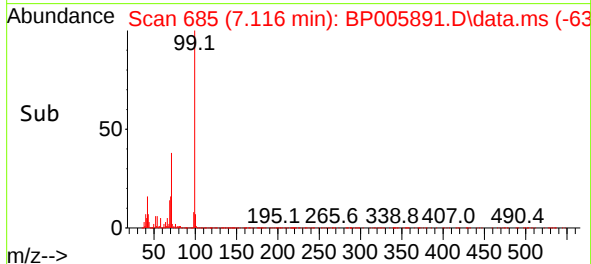
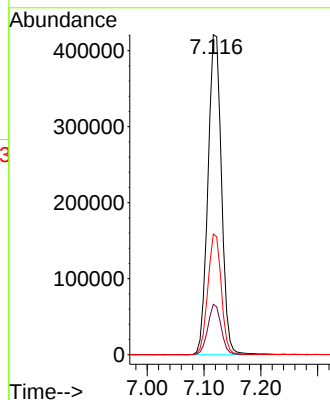
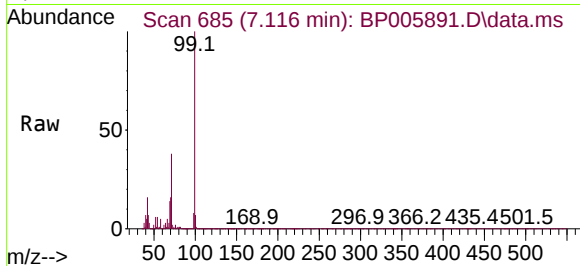




#7  
Phenol-d6  
Concen: 123.47 ng  
RT: 7.116 min Scan# 685  
Delta R.T. 0.006 min  
Lab File: BP005891.D  
Acq: 12 Jun 2021 16:31

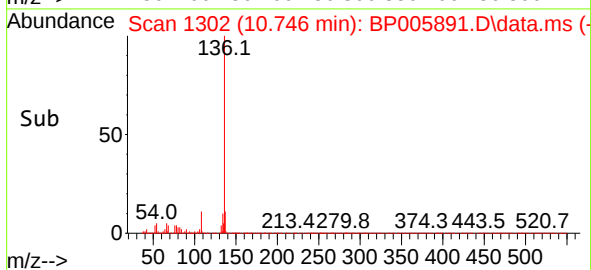
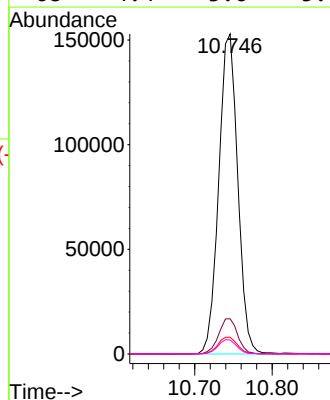
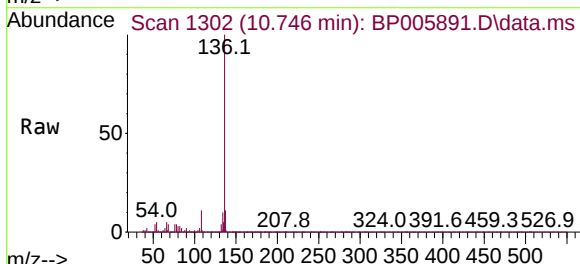
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ClientSampleId :  
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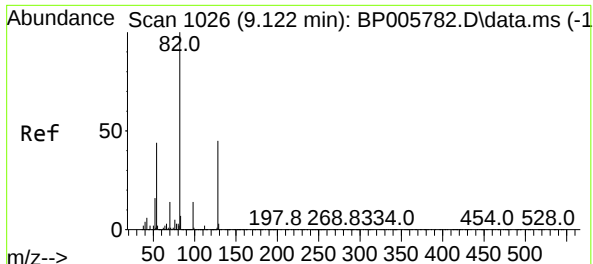
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 99    | Resp: | 693597 |
| Ion      | Ratio | Lower | Upper  |
| 99       | 100   |       |        |
| 42       | 15.7  | 13.4  | 20.0   |
| 71       | 37.7  | 30.6  | 46.0   |



#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 10.746 min Scan# 1302  
Delta R.T. -0.006 min  
Lab File: BP005891.D  
Acq: 12 Jun 2021 16:31

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 136   | Resp: | 260183 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 11.0  | 8.6   | 12.8   |
| 54       | 5.3   | 4.6   | 6.8    |
| 68       | 4.4   | 3.6   | 5.4    |

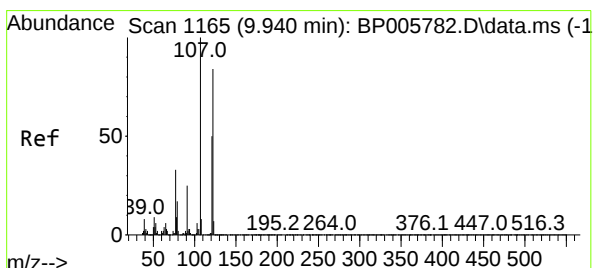
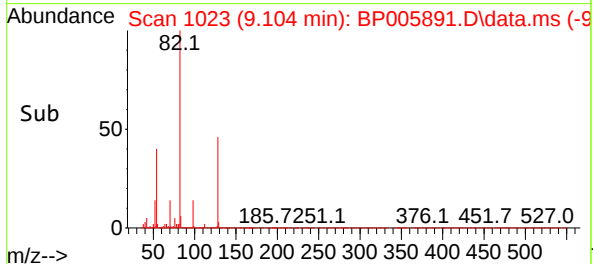
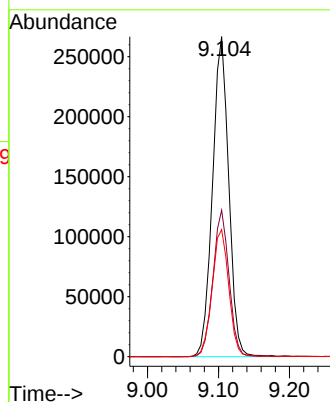
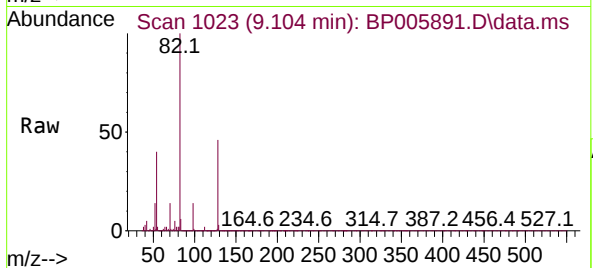




#23  
Nitrobenzene-d5  
Concen: 79.76 ng  
RT: 9.104 min Scan# 1023  
Delta R.T. -0.006 min  
Lab File: BP005891.D  
Acq: 12 Jun 2021 16:31

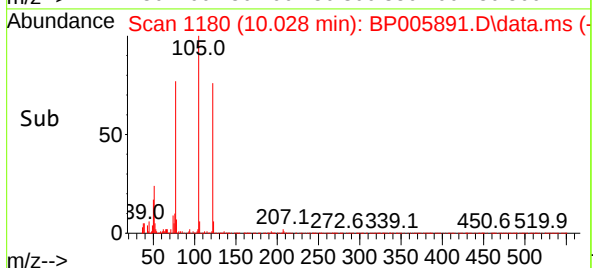
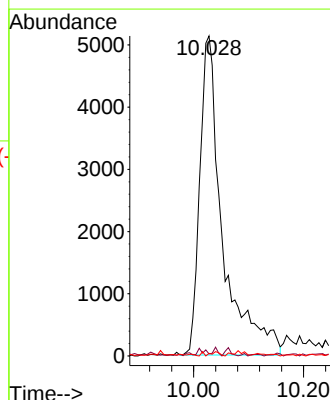
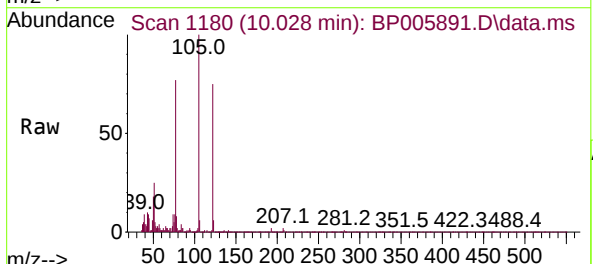
Instrument :  
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ClientSampleId :  
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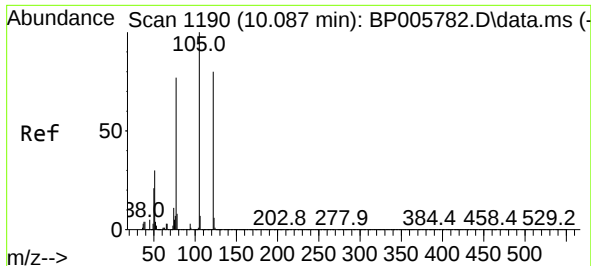
Tgt Ion: 82 Resp: 423279  
Ion Ratio Lower Upper  
82 100  
128 45.8 35.7 53.5  
54 39.7 35.0 52.4



#27  
2,4-Dimethylphenol  
Concen: 3.77 ng  
RT: 10.028 min Scan# 1180  
Delta R.T. 0.100 min  
Lab File: BP005891.D  
Acq: 12 Jun 2021 16:31

Tgt Ion: 122 Resp: 14778  
Ion Ratio Lower Upper  
122 100  
107 0.6 94.5 141.7#  
121 0.8 47.4 71.2#

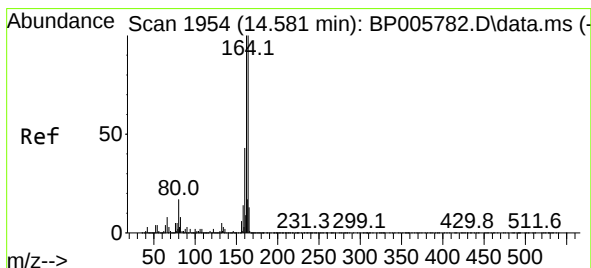
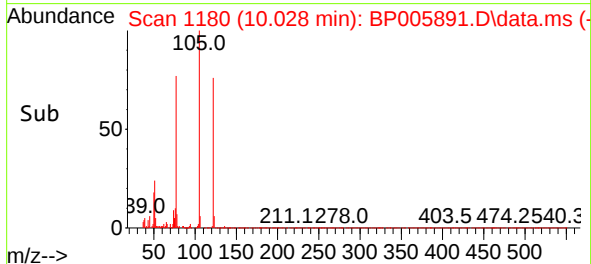
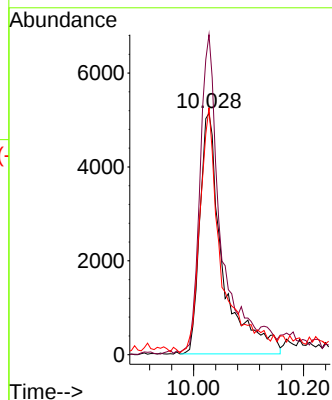
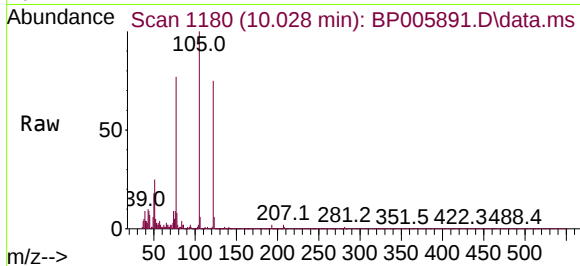




#32  
Benzoic acid  
Concen: 10.69 ng  
RT: 10.028 min Scan# 1180  
Delta R.T. -0.053 min  
Lab File: BP005891.D  
Acq: 12 Jun 2021 16:31

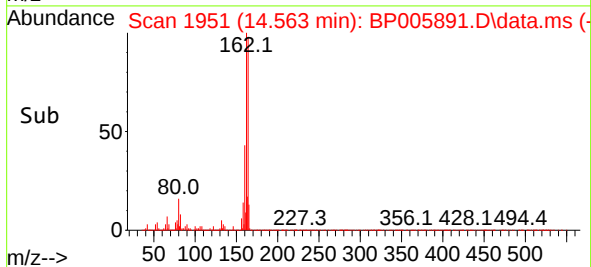
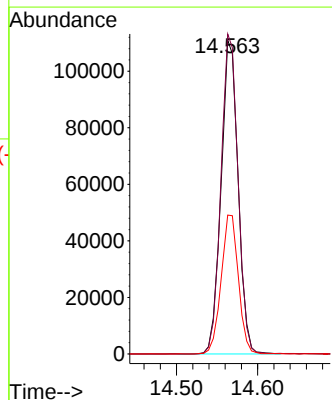
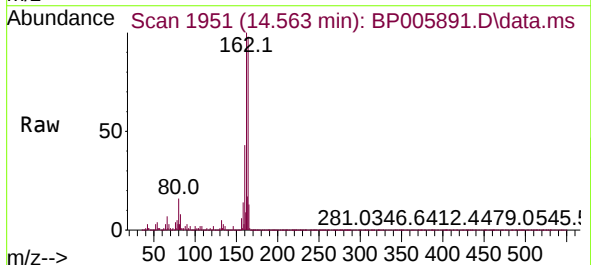
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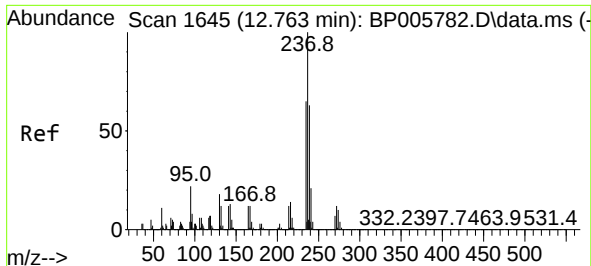
Tgt Ion:122 Resp: 14778  
Ion Ratio Lower Upper  
122 100  
105 132.5 103.2 143.2  
77 102.3 76.2 116.2



#39  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 14.563 min Scan# 1951  
Delta R.T. -0.012 min  
Lab File: BP005891.D  
Acq: 12 Jun 2021 16:31

Tgt Ion:164 Resp: 162074  
Ion Ratio Lower Upper  
164 100  
162 102.0 80.2 120.2  
160 44.3 34.5 51.7

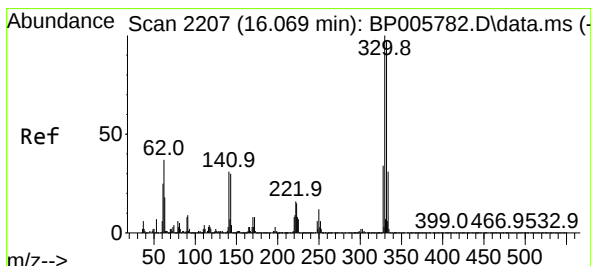
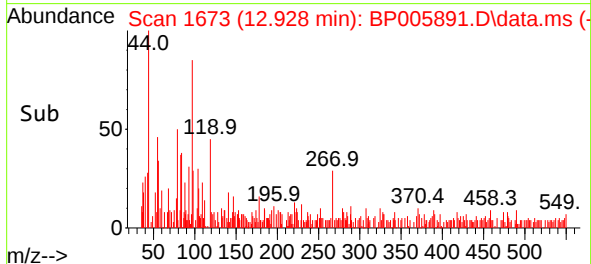
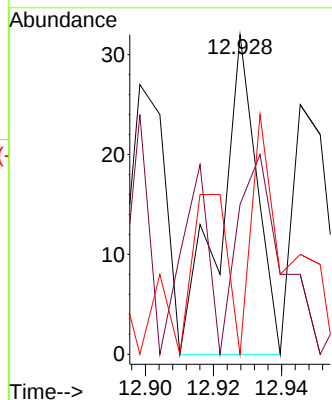
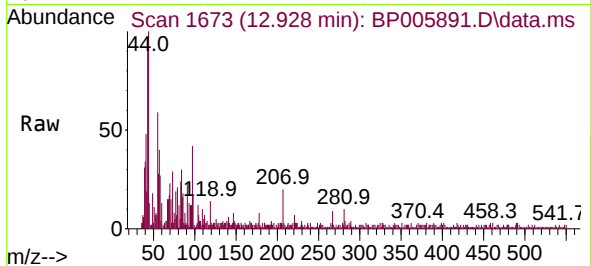




#41  
Hexachlorocyclopentadiene  
Concen: 5.51 ng  
RT: 12.928 min Scan# 1673  
Delta R.T. 0.170 min  
Lab File: BP005891.D  
Acq: 12 Jun 2021 16:31

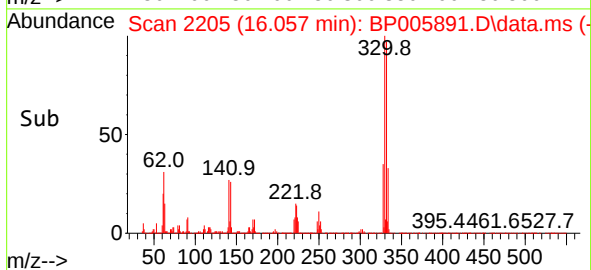
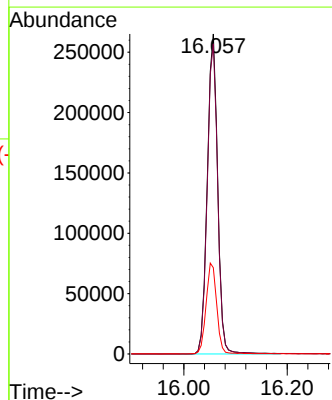
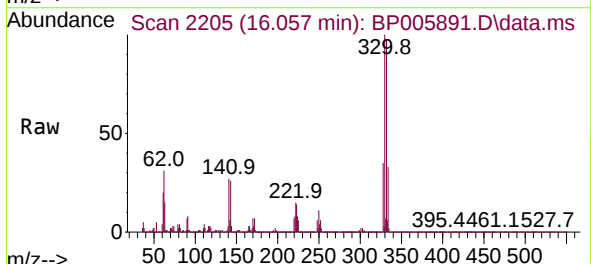
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ClientSampleId :  
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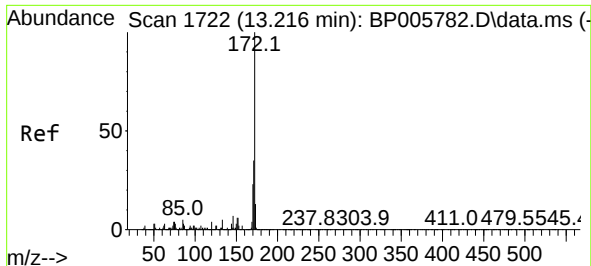
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|-------------|-------|-----------|
| Tgt Ion:237 | Resp: | 24        |
| Ion Ratio   | Lower | Upper     |
| 237         | 100   |           |
| 235         | 46.9  | 44.5 84.5 |
| 272         | 0.0   | 0.0 32.5  |



#42  
2,4,6-Tribromophenol  
Concen: 132.90 ng  
RT: 16.057 min Scan# 2205  
Delta R.T. -0.006 min  
Lab File: BP005891.D  
Acq: 12 Jun 2021 16:31

|             |       |            |
|-------------|-------|------------|
| Tgt Ion:330 | Resp: | 369623     |
| Ion Ratio   | Lower | Upper      |
| 330         | 100   |            |
| 332         | 97.2  | 77.8 116.8 |
| 141         | 29.0  | 25.4 38.2  |

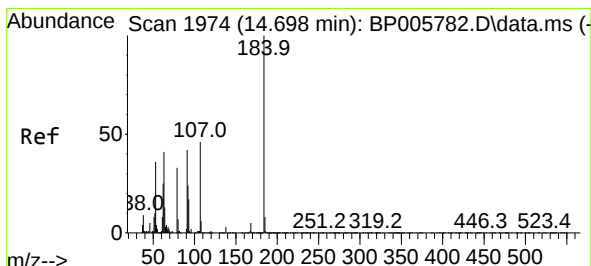
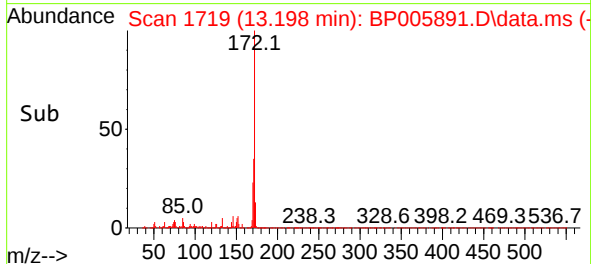
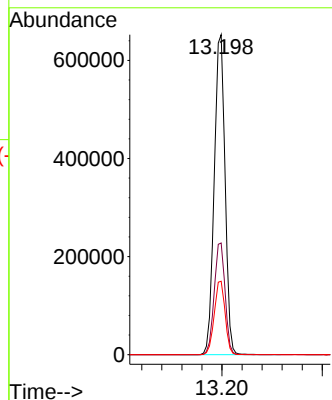
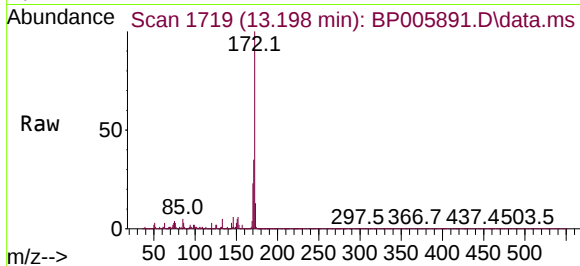




#45  
2-Fluorobiphenyl  
Concen: 79.26 ng  
RT: 13.198 min Scan# 1719  
Delta R.T. -0.006 min  
Lab File: BP005891.D  
Acq: 12 Jun 2021 16:31

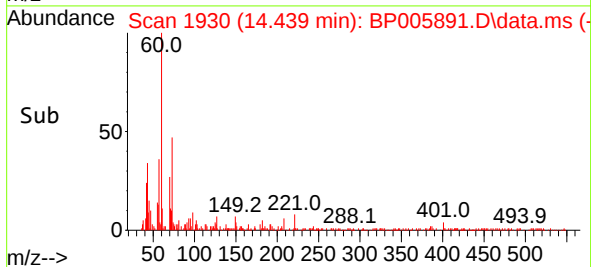
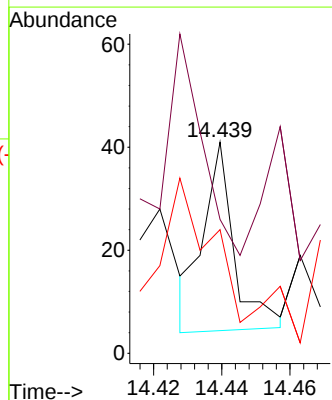
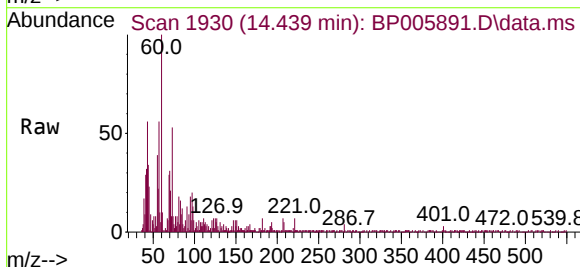
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ClientSampleId :  
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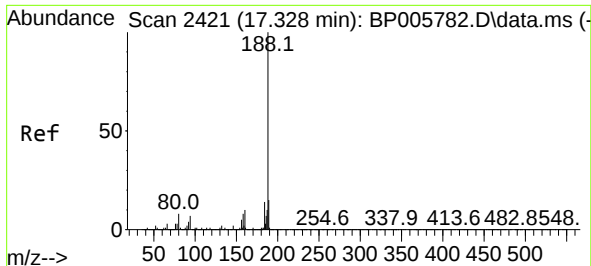
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|-------------|-------|--------|-------|
| Tgt Ion:172 | Resp: | 978324 |       |
| Ion         | Ratio | Lower  | Upper |
| 172         | 100   |        |       |
| 171         | 34.9  | 27.9   | 41.9  |
| 170         | 22.9  | 18.6   | 27.8  |



#54  
2,4-Dinitrophenol  
Concen: 4.86 ng  
RT: 14.439 min Scan# 1930  
Delta R.T. -0.253 min  
Lab File: BP005891.D  
Acq: 12 Jun 2021 16:31

|             |       |       |       |
|-------------|-------|-------|-------|
| Tgt Ion:184 | Resp: | 23    |       |
| Ion         | Ratio | Lower | Upper |
| 184         | 100   |       |       |
| 63          | 63.4  | 47.0  | 70.6  |
| 154         | 58.5  | 52.3  | 78.5  |

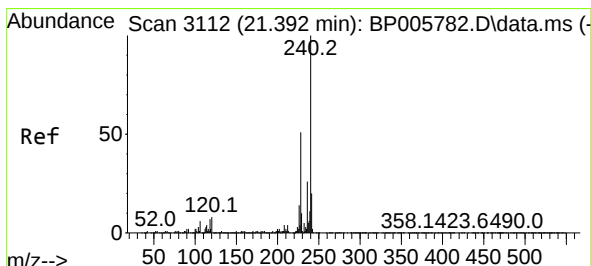
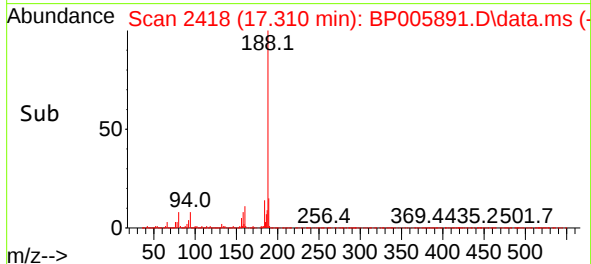
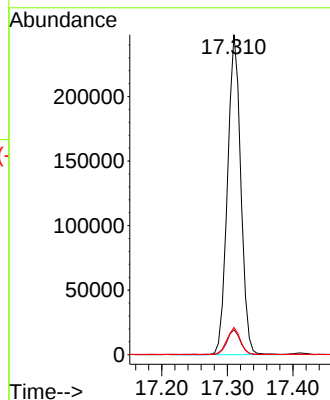
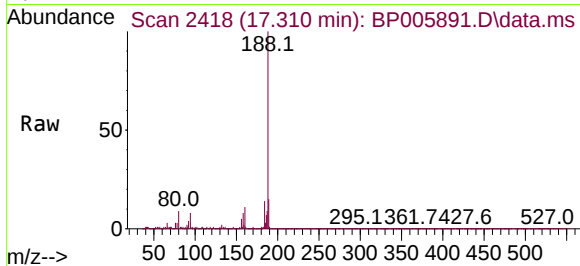




#64  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 17.310 min Scan# 2418  
Delta R.T. -0.012 min  
Lab File: BP005891.D  
Acq: 12 Jun 2021 16:31

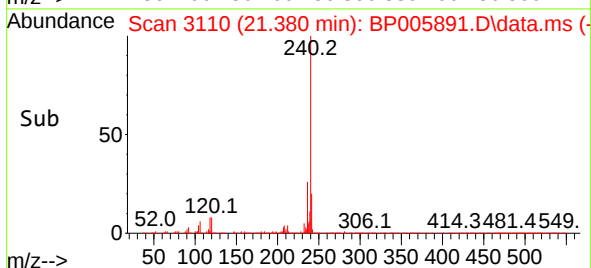
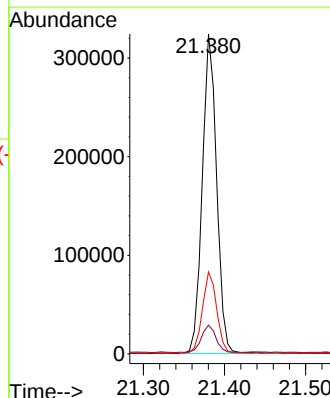
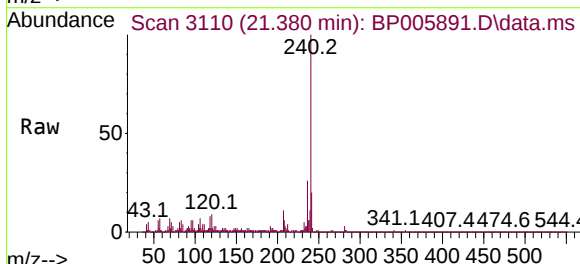
Instrument :  
BNA\_P  
ClientSampleId :  
0226-FIELD-BLANK-2

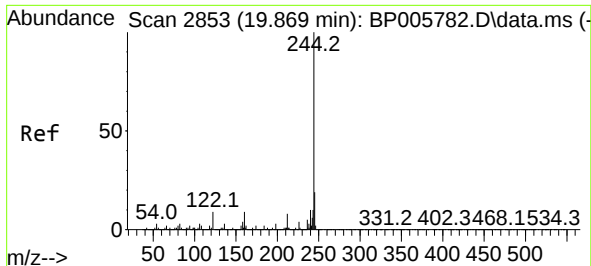
Tgt Ion:188 Resp: 347612  
Ion Ratio Lower Upper  
188 100  
94 7.8 5.6 8.4  
80 8.5 6.3 9.5



#76  
Chrysene-d12  
Concen: 20.00 ng  
RT: 21.380 min Scan# 3110  
Delta R.T. -0.012 min  
Lab File: BP005891.D  
Acq: 12 Jun 2021 16:31

Tgt Ion:240 Resp: 396181  
Ion Ratio Lower Upper  
240 100  
120 9.0 6.5 9.7  
236 25.7 20.6 31.0



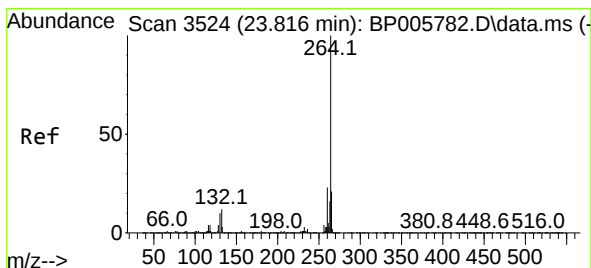
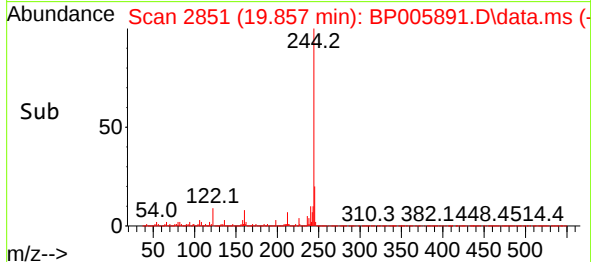
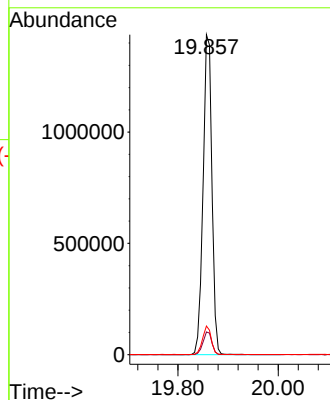
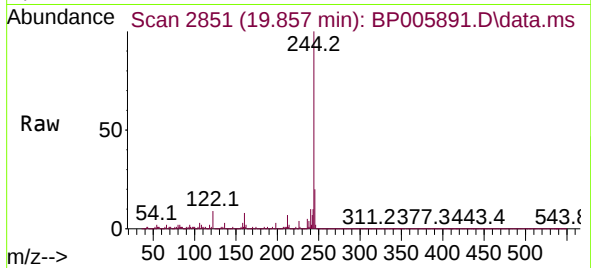


#79  
 Terphenyl-d14  
 Concen: 83.12 ng  
 RT: 19.857 min Scan# 2851  
 Delta R.T. -0.012 min  
 Lab File: BP005891.D  
 Acq: 12 Jun 2021 16:31

Instrument :  
 BNA\_P  
 ClientSampleId :  
 0226-FIELD-BLANK-2

Tgt Ion:244 Resp: 1758679  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 244 | 100   |       |       |
| 212 | 7.1   | 6.0   | 9.0   |
| 122 | 9.0   | 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: BP005891.D  
 Acq: 12 Jun 2021 16:31

Tgt Ion:264 Resp: 453520  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 23.7  | 18.6  | 28.0  |
| 265 | 22.8  | 17.6  | 26.4  |

