

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP061221\  
 Data File : BP005890.D  
 Acq On : 12 Jun 2021 15:57  
 Operator : CG/JU  
 Sample : M2644-09  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 1847

Quant Time: Jun 14 02:08:39 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

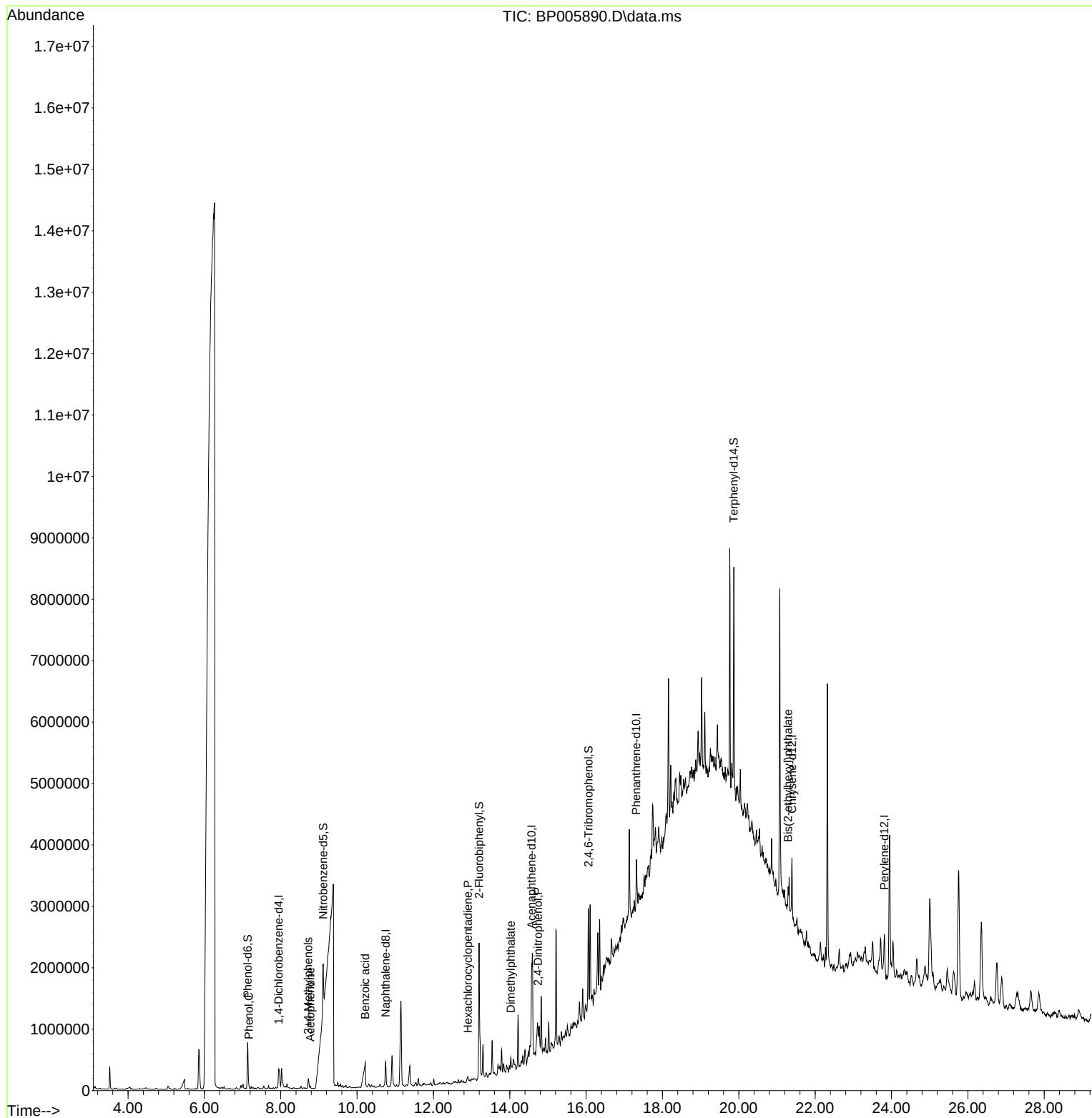
| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.946  | 152  | 84031    | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.746 | 136  | 327169   | 20.00  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.569 | 164  | 198060   | 20.00  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.316 | 188  | 374945   | 20.00  | ng    | # 0.00   |
| 76) Chrysene-d12              | 21.392 | 240  | 455589   | 20.00  | ng    | 0.00     |
| 86) Perylene-d12              | 23.810 | 264  | 501519   | 20.00  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.416  | 112  | 163      | 0.03   | ng    | -0.09    |
| 7) Phenol-d6                  | 7.134  | 99   | 414440   | 61.06  | ng    | 0.02     |
| 23) Nitrobenzene-d5           | 9.110  | 82   | 438267   | 65.68  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.063 | 330  | 396429   | 116.64 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.198 | 172  | 1065887  | 70.67  | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.869 | 244  | 1770833  | 72.78  | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 10) Phenol                    | 7.163  | 94   | 36732    | 5.42   | ng    | 97       |
| 20) 3+4-Methylphenols         | 8.722  | 107  | 60969    | 9.77   | ng    | 89       |
| 22) Acetophenone              | 8.775  | 105  | 21859    | 2.54   | ng    | # 98     |
| 32) Benzoic acid              | 10.210 | 122  | 301492   | 77.26  | ng    | 98       |
| 41) Hexachlorocyclopentadiene | 12.904 | 237  | 5        | 5.51   | ng    | 79       |
| 50) Dimethylphthalate         | 14.028 | 163  | 87398    | 5.37   | ng    | 98       |
| 54) 2,4-Dinitrophenol         | 14.739 | 184  | 7611     | 8.10   | ng    | 96       |
| 84) Bis(2-ethylhexyl)phtha... | 21.292 | 149  | 130938   | 6.82   | ng    | # 90     |
| -----                         |        |      |          |        |       |          |

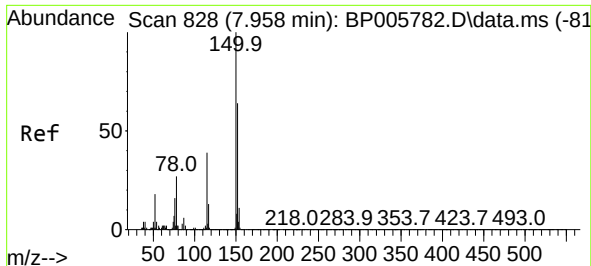
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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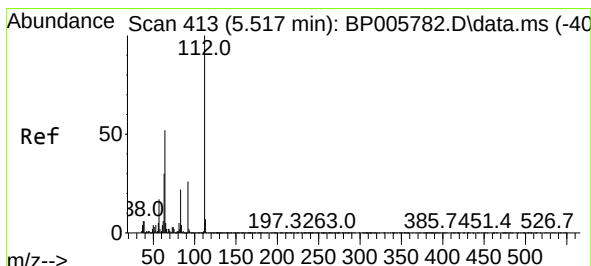
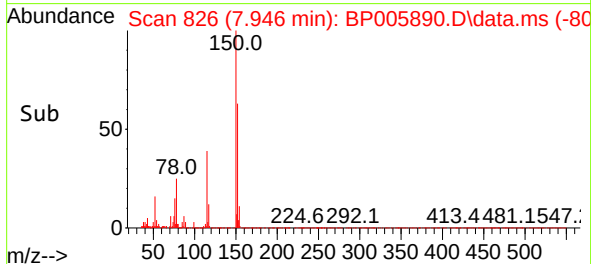
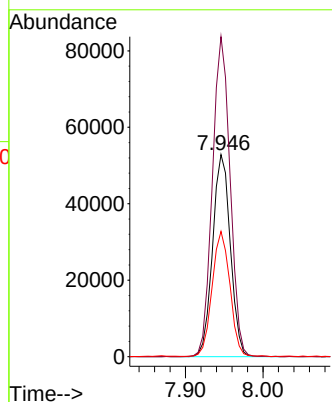
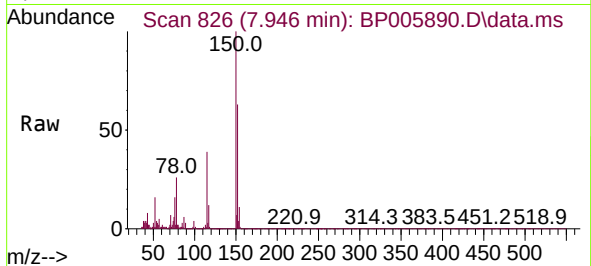




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 7.946 min Scan# 826  
Delta R.T. -0.000 min  
Lab File: BP005890.D  
Acq: 12 Jun 2021 15:57

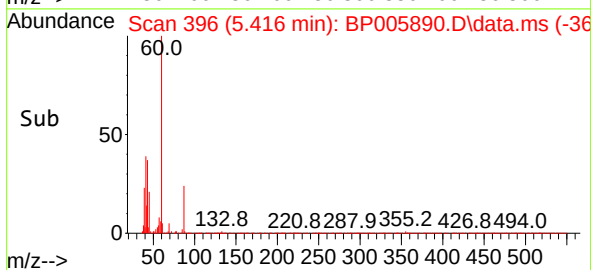
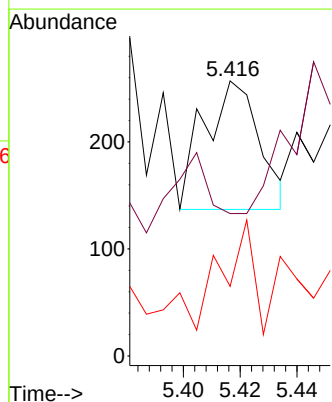
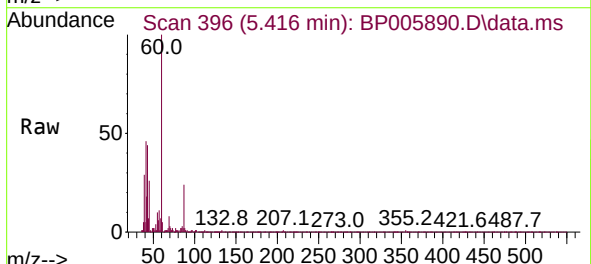
Instrument :  
BNA\_P  
ClientSampled :  
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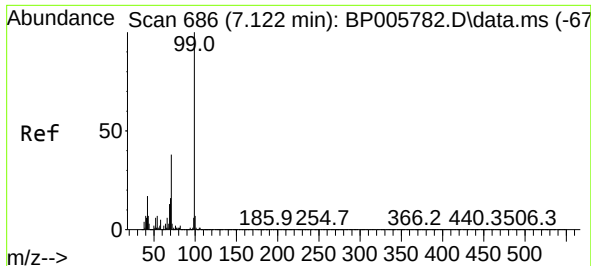
Tgt Ion:152 Resp: 84031  
Ion Ratio Lower Upper  
152 100  
150 158.3 125.6 188.4  
115 62.0 48.5 72.7



#5  
2-Fluorophenol  
Concen: 0.03 ng  
RT: 5.416 min Scan# 396  
Delta R.T. -0.094 min  
Lab File: BP005890.D  
Acq: 12 Jun 2021 15:57

Tgt Ion:112 Resp: 163  
Ion Ratio Lower Upper  
112 100  
64 51.8 41.4 62.2  
63 25.3 23.8 35.8

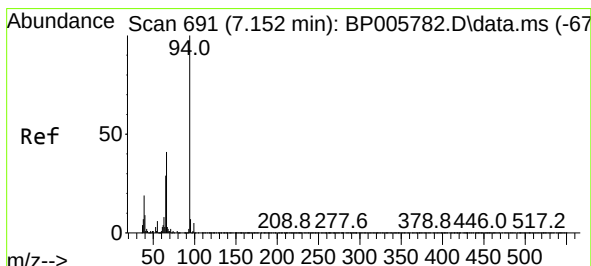
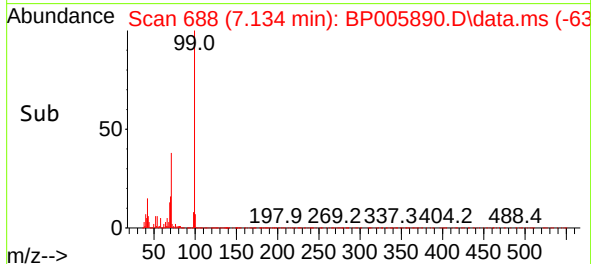
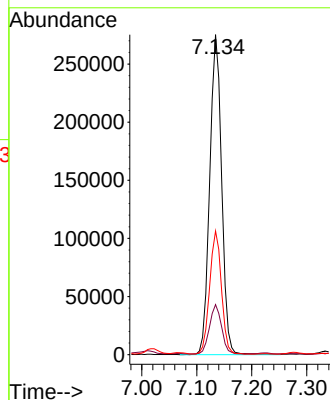
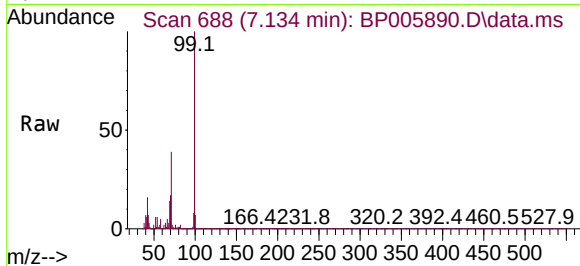




#7  
Phenol-d6  
Concen: 61.06 ng  
RT: 7.134 min Scan# 688  
Delta R.T. 0.023 min  
Lab File: BP005890.D  
Acq: 12 Jun 2021 15:57

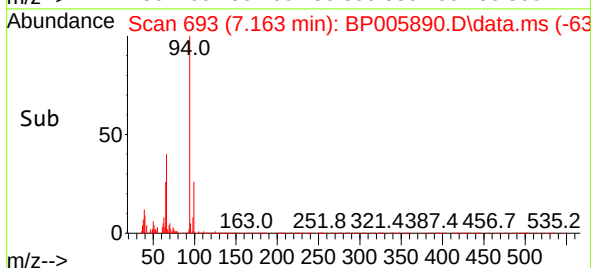
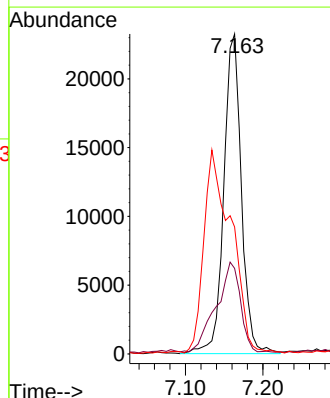
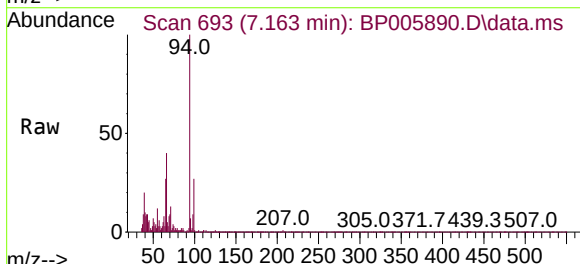
Instrument :  
BNA\_P  
ClientSampleId :  
1847

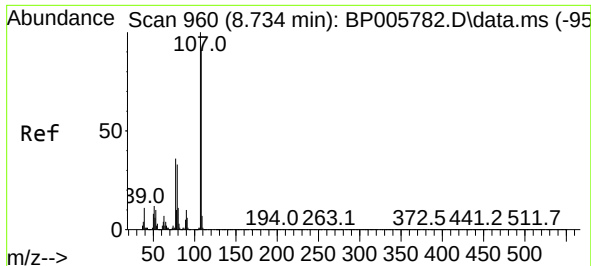
Tgt Ion: 99 Resp: 414440  
Ion Ratio Lower Upper  
99 100  
42 15.7 13.4 20.0  
71 38.7 30.6 46.0



#10  
Phenol  
Concen: 5.42 ng  
RT: 7.163 min Scan# 693  
Delta R.T. 0.023 min  
Lab File: BP005890.D  
Acq: 12 Jun 2021 15:57

Tgt Ion: 94 Resp: 36732  
Ion Ratio Lower Upper  
94 100  
65 26.8 8.8 48.8  
66 39.7 20.7 60.7

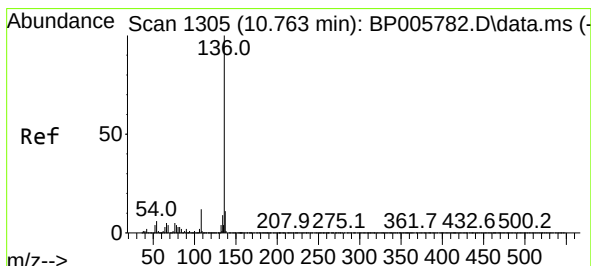
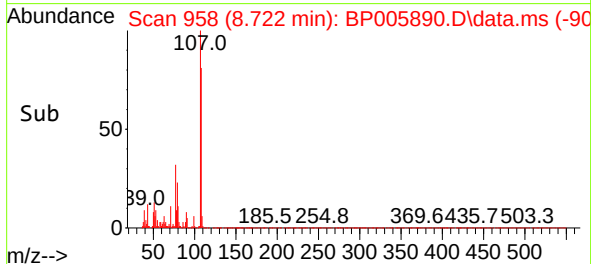
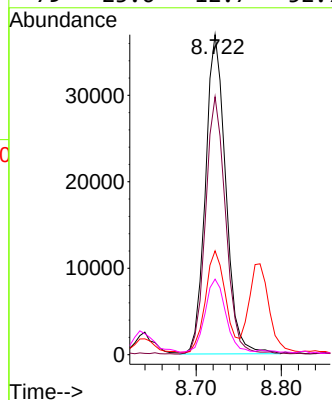
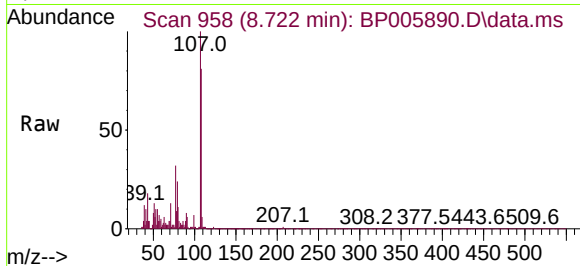




#20  
3+4-Methylphenols  
Concen: 9.77 ng  
RT: 8.722 min Scan# 958  
Delta R.T. -0.000 min  
Lab File: BP005890.D  
Acq: 12 Jun 2021 15:57

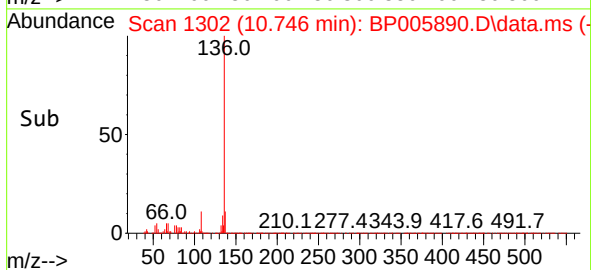
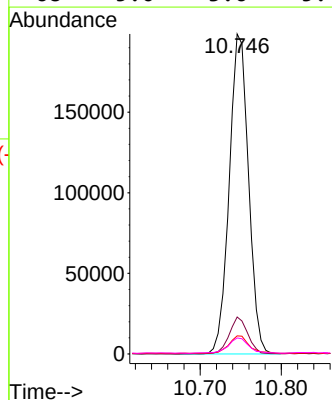
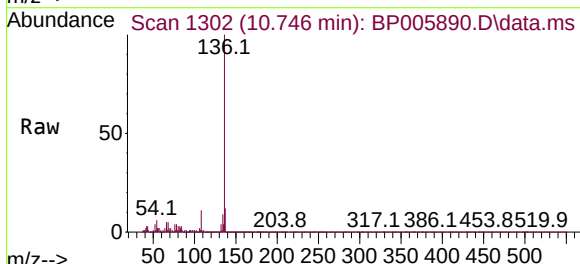
Instrument :  
BNA\_P  
ClientSampleId :  
1847

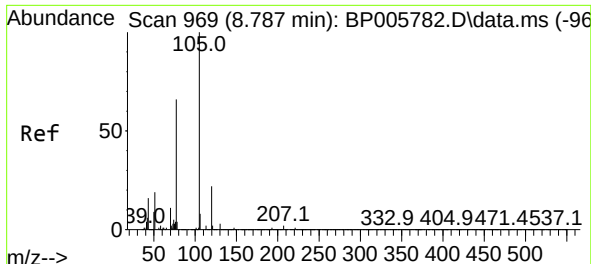
|             |       |             |
|-------------|-------|-------------|
| Tgt Ion:107 | Resp: | 60969       |
| Ion         | Ratio | Lower Upper |
| 107         | 100   |             |
| 108         | 80.6  | 71.0 111.0  |
| 77          | 32.5  | 16.6 56.6   |
| 79          | 23.6  | 12.7 52.7   |



#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 10.746 min Scan# 1302  
Delta R.T. -0.006 min  
Lab File: BP005890.D  
Acq: 12 Jun 2021 15:57

|             |       |             |
|-------------|-------|-------------|
| Tgt Ion:136 | Resp: | 327169      |
| Ion         | Ratio | Lower Upper |
| 136         | 100   |             |
| 137         | 11.6  | 8.6 12.8    |
| 54          | 5.7   | 4.6 6.8     |
| 68          | 5.0   | 3.6 5.4     |

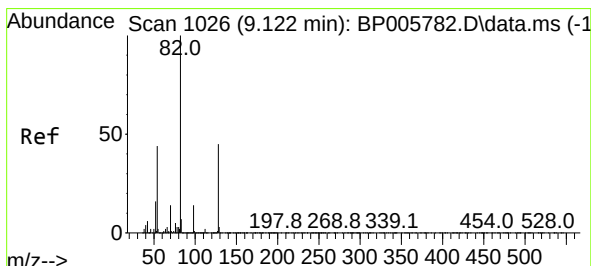
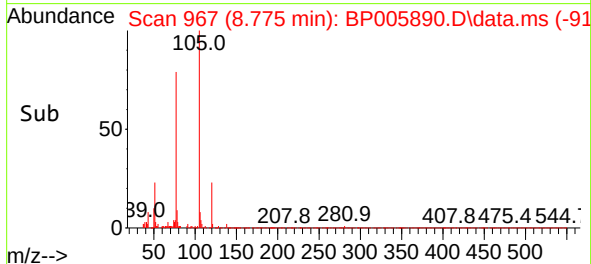
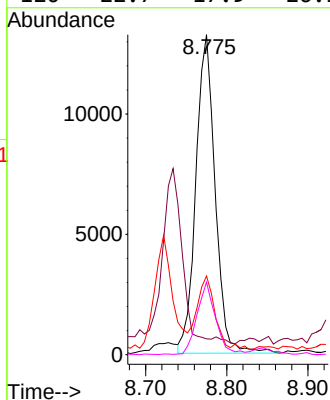
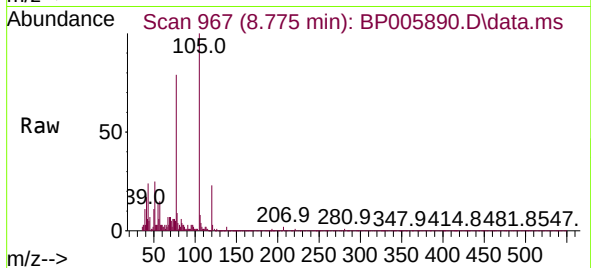




#22  
Acetophenone  
Concen: 2.54 ng  
RT: 8.775 min Scan# 967  
Delta R.T. -0.000 min  
Lab File: BP005890.D  
Acq: 12 Jun 2021 15:57

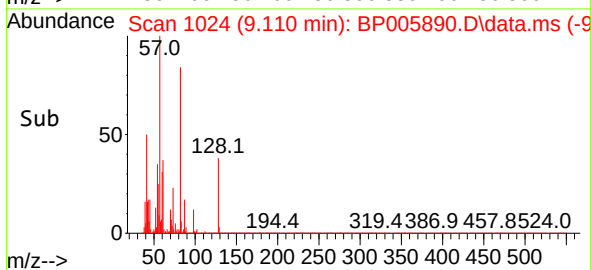
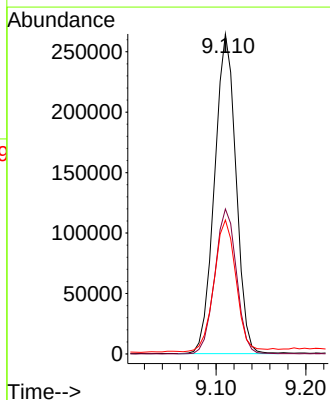
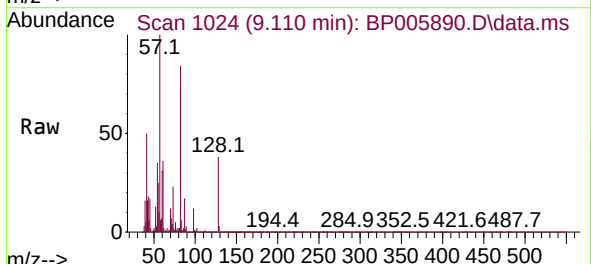
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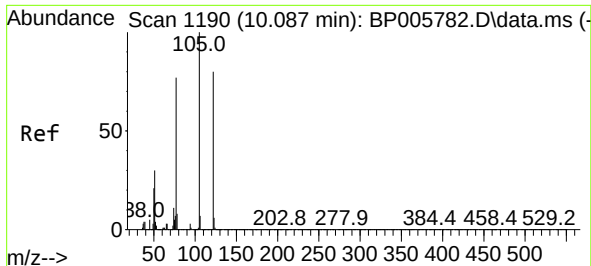
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 105   | Resp: | 21859 |
| Ion Ratio | Lower | Upper |       |
| 105       | 100   |       |       |
| 71        | 5.0   | 1.9   | 2.9#  |
| 51        | 24.6  | 18.4  | 27.6  |
| 120       | 22.7  | 17.9  | 26.9  |



#23  
Nitrobenzene-d5  
Concen: 65.68 ng  
RT: 9.110 min Scan# 1024  
Delta R.T. -0.000 min  
Lab File: BP005890.D  
Acq: 12 Jun 2021 15:57

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 82    | Resp: | 438267 |
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 128       | 45.3  | 35.7  | 53.5   |
| 54        | 41.8  | 35.0  | 52.4   |

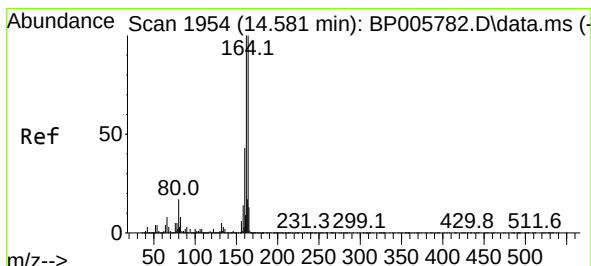
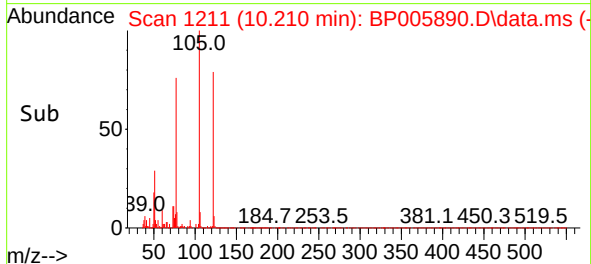
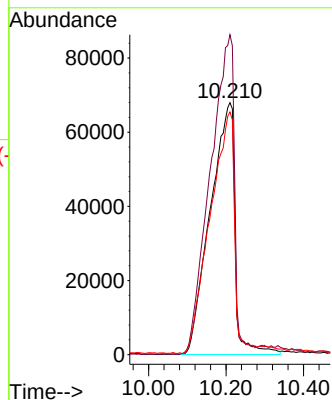
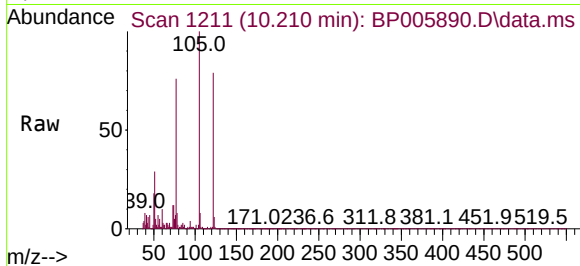




#32  
Benzoic acid  
Concen: 77.26 ng  
RT: 10.210 min Scan# 1211  
Delta R.T. 0.129 min  
Lab File: BP005890.D  
Acq: 12 Jun 2021 15:57

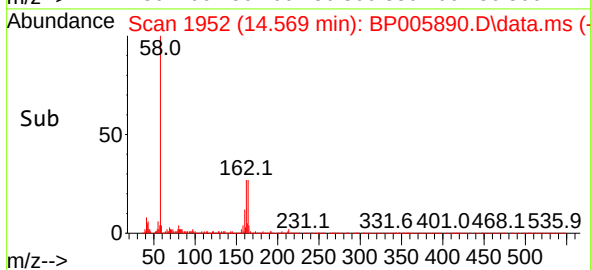
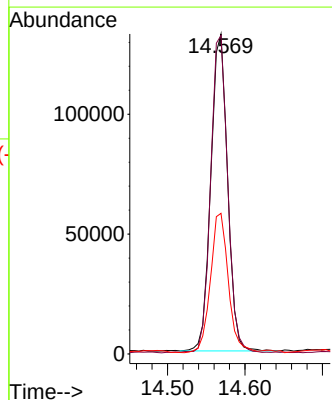
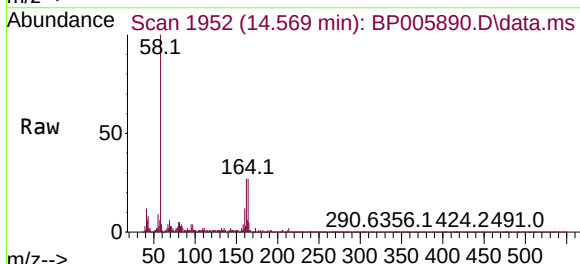
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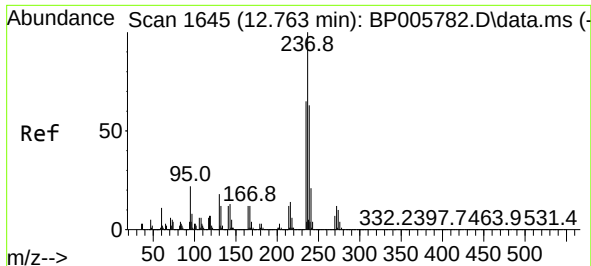
Tgt Ion:122 Resp: 301492  
Ion Ratio Lower Upper  
122 100  
105 127.0 103.2 143.2  
77 96.3 76.2 116.2



#39  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 14.569 min Scan# 1952  
Delta R.T. -0.006 min  
Lab File: BP005890.D  
Acq: 12 Jun 2021 15:57

Tgt Ion:164 Resp: 198060  
Ion Ratio Lower Upper  
164 100  
162 99.5 80.2 120.2  
160 43.9 34.5 51.7

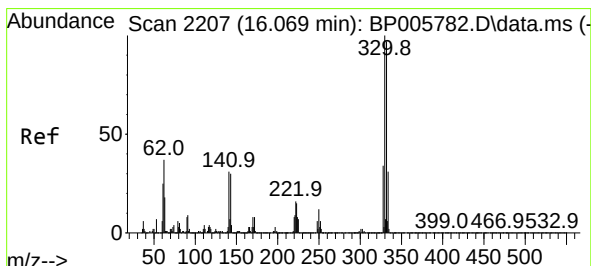
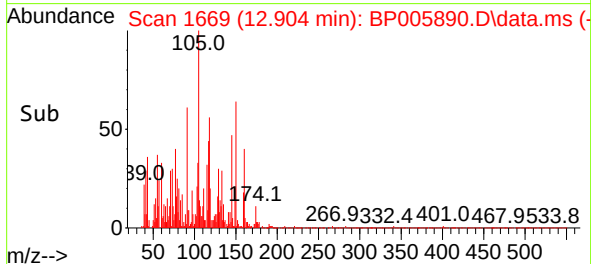
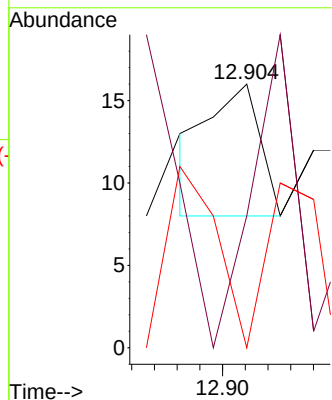
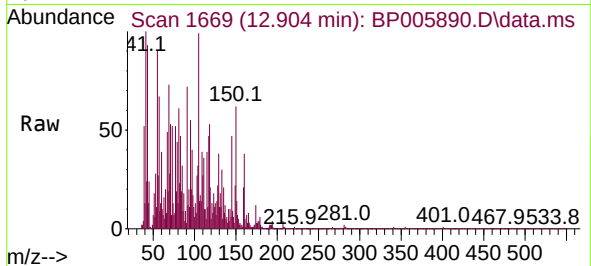




#41  
Hexachlorocyclopentadiene  
Concen: 5.51 ng  
RT: 12.904 min Scan# 1669  
Delta R.T. 0.147 min  
Lab File: BP005890.D  
Acq: 12 Jun 2021 15:57

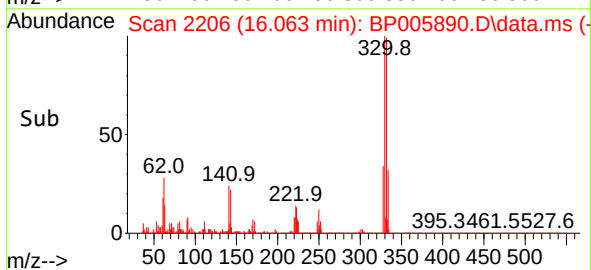
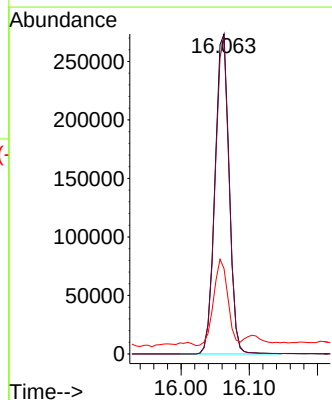
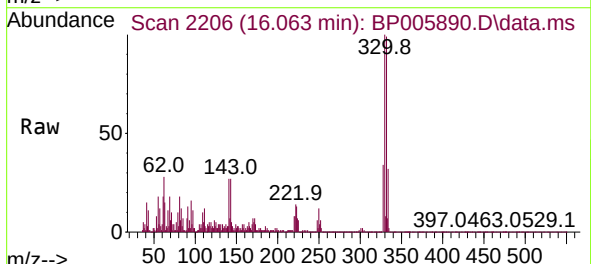
Instrument :  
BNA\_P  
ClientSampled :  
1847

|             |       |             |
|-------------|-------|-------------|
| Tgt Ion:237 | Resp: | 5           |
| Ion         | Ratio | Lower Upper |
| 237         | 100   |             |
| 235         | 50.0  | 44.5 84.5   |
| 272         | 0.0   | 0.0 32.5    |

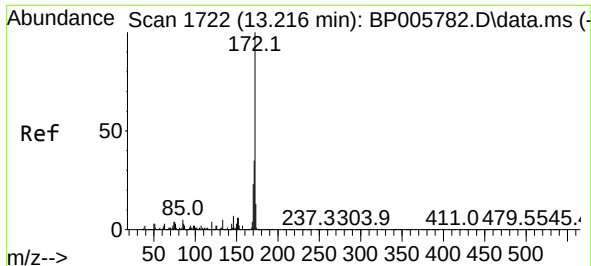


#42  
2,4,6-Tribromophenol  
Concen: 116.64 ng  
RT: 16.063 min Scan# 2206  
Delta R.T. -0.000 min  
Lab File: BP005890.D  
Acq: 12 Jun 2021 15:57

|             |       |             |
|-------------|-------|-------------|
| Tgt Ion:330 | Resp: | 396429      |
| Ion         | Ratio | Lower Upper |
| 330         | 100   |             |
| 332         | 97.7  | 77.8 116.8  |
| 141         | 26.9  | 25.4 38.2   |





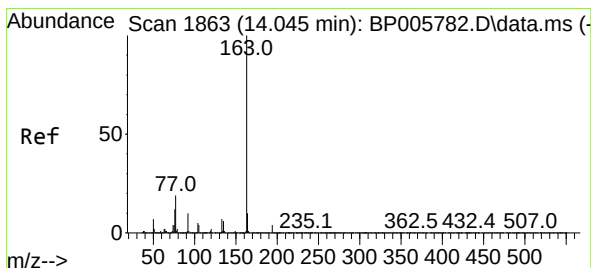
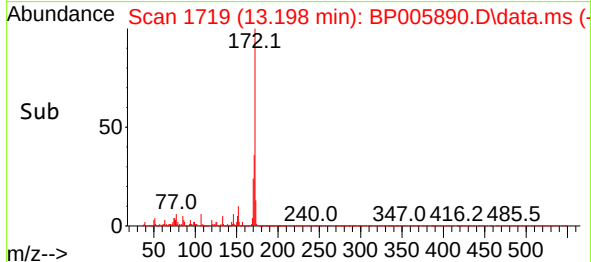
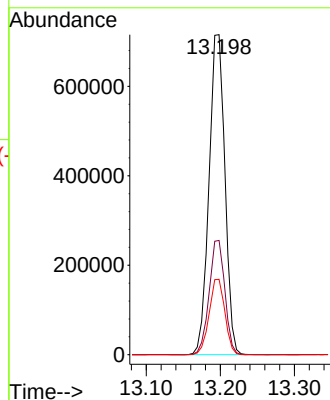
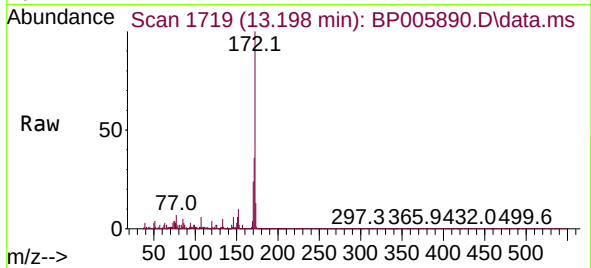


#45  
2-Fluorobiphenyl  
Concen: 70.67 ng  
RT: 13.198 min Scan# 1719  
Delta R.T. -0.006 min  
Lab File: BP005890.D  
Acq: 12 Jun 2021 15:57

Instrument :  
BNA\_P  
ClientSampleId :  
1847

Tgt Ion:172 Resp: 1065887

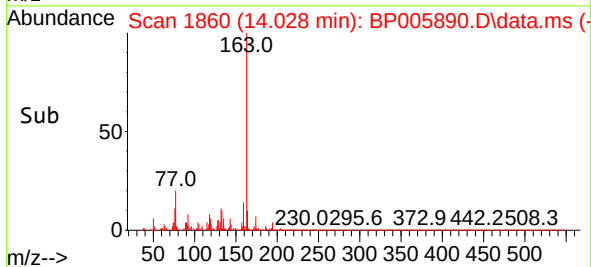
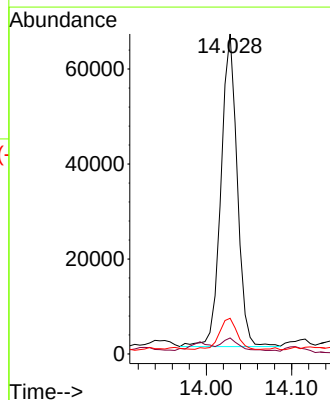
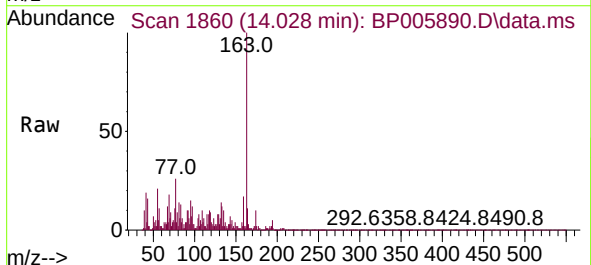
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 172 | 100   |       |       |
| 171 | 35.7  | 27.9  | 41.9  |
| 170 | 23.5  | 18.6  | 27.8  |

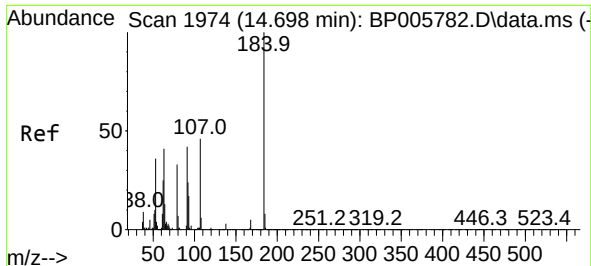


#50  
Dimethylphthalate  
Concen: 5.37 ng  
RT: 14.028 min Scan# 1860  
Delta R.T. -0.006 min  
Lab File: BP005890.D  
Acq: 12 Jun 2021 15:57

Tgt Ion:163 Resp: 87398

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 163 | 100   |       |       |
| 194 | 5.0   | 3.4   | 5.2   |
| 164 | 11.2  | 8.2   | 12.2  |

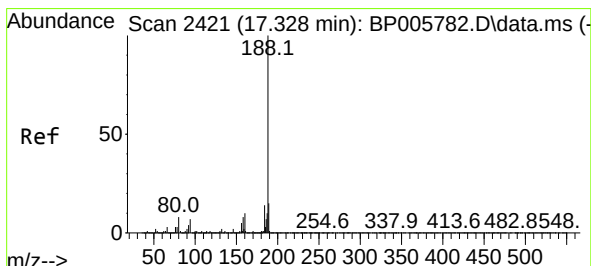
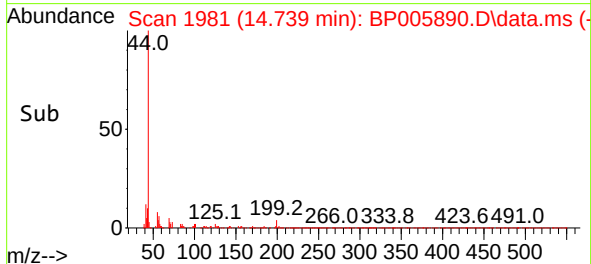
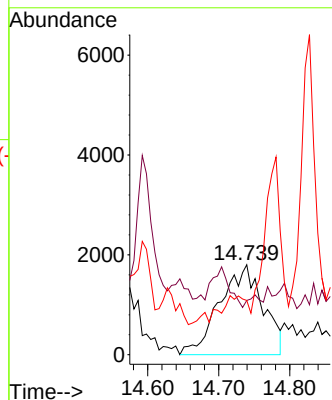
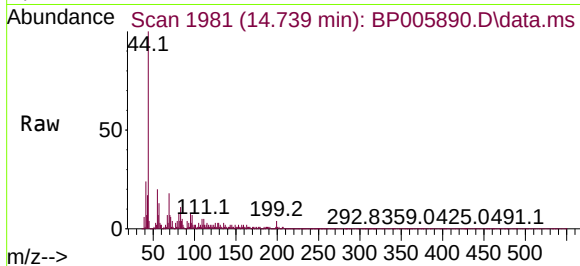




#54  
2,4-Dinitrophenol  
Concen: 8.10 ng  
RT: 14.739 min Scan# 1981  
Delta R.T. 0.047 min  
Lab File: BP005890.D  
Acq: 12 Jun 2021 15:57

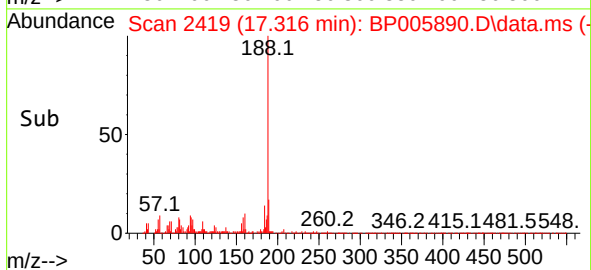
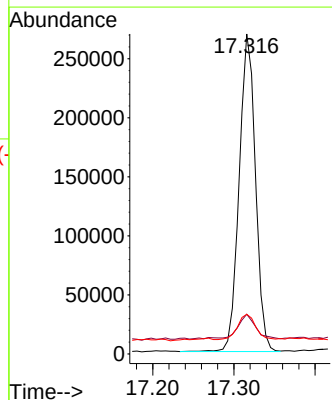
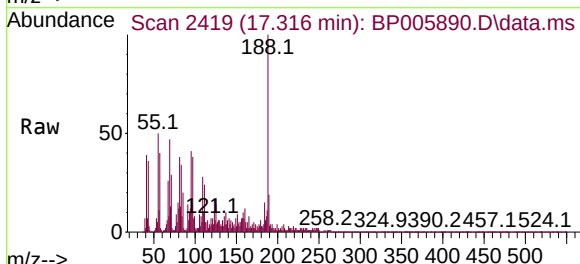
Instrument :  
BNA\_P  
ClientSampleId :  
1847

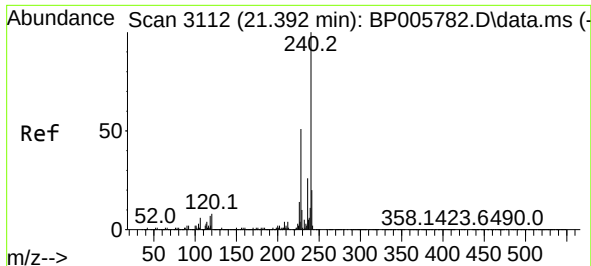
Tgt Ion:184 Resp: 7611  
Ion Ratio Lower Upper  
184 100  
63 60.4 47.0 70.6  
154 60.3 52.3 78.5



#64  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 17.316 min Scan# 2419  
Delta R.T. -0.006 min  
Lab File: BP005890.D  
Acq: 12 Jun 2021 15:57

Tgt Ion:188 Resp: 374945  
Ion Ratio Lower Upper  
188 100  
94 12.4 5.6 8.4#  
80 12.4 6.3 9.5#

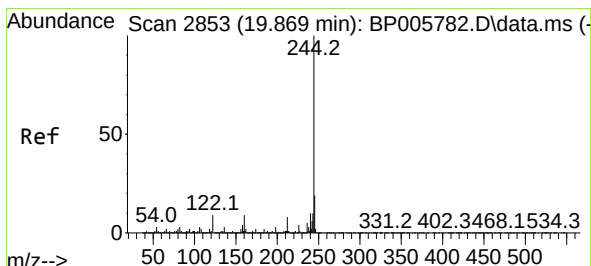
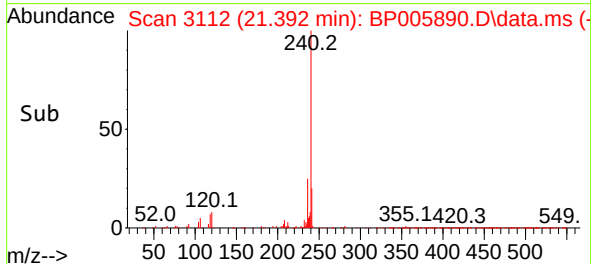
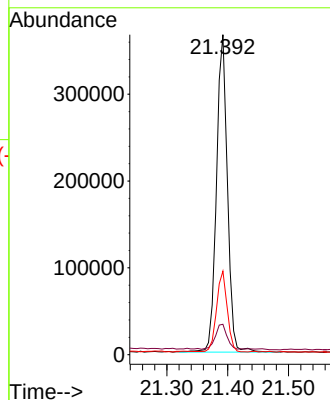
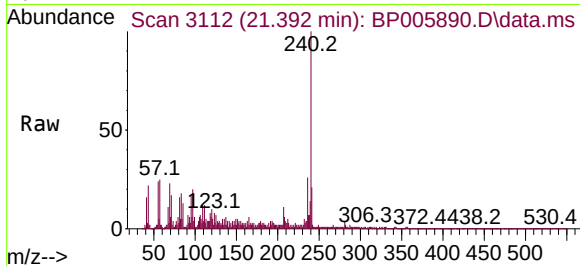




#76  
Chrysene-d12  
Concen: 20.00 ng  
RT: 21.392 min Scan# 3112  
Delta R.T. -0.000 min  
Lab File: BP005890.D  
Acq: 12 Jun 2021 15:57

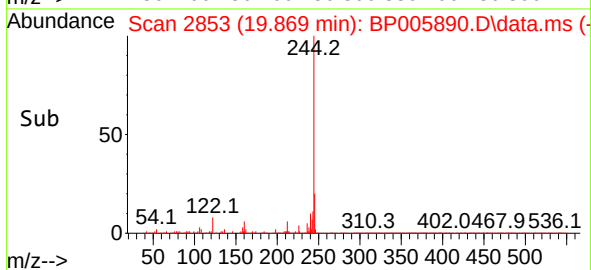
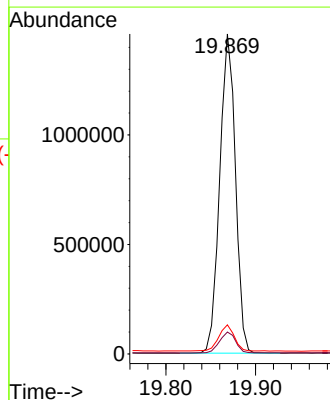
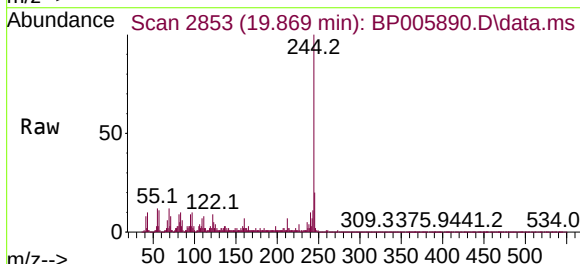
Instrument :  
BNA\_P  
ClientSampleId :  
1847

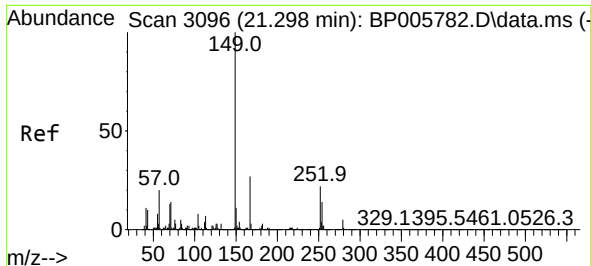
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 240   | Resp: | 455589 |
| Ion Ratio | Lower | Upper |        |
| 240       | 100   |       |        |
| 120       | 9.5   | 6.5   | 9.7    |
| 236       | 26.1  | 20.6  | 31.0   |



#79  
Terphenyl-d14  
Concen: 72.78 ng  
RT: 19.869 min Scan# 2853  
Delta R.T. -0.000 min  
Lab File: BP005890.D  
Acq: 12 Jun 2021 15:57

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 244   | Resp: | 1770833 |
| Ion Ratio | Lower | Upper |         |
| 244       | 100   |       |         |
| 212       | 6.8   | 6.0   | 9.0     |
| 122       | 9.1   | 7.1   | 10.7    |

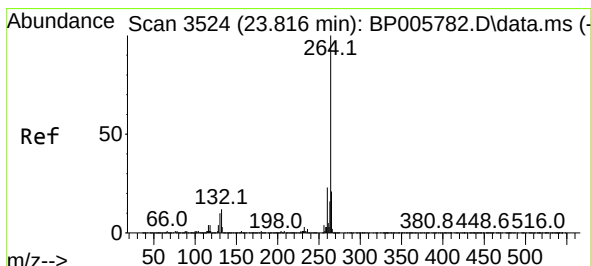
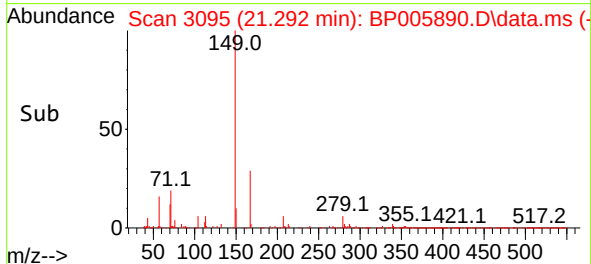
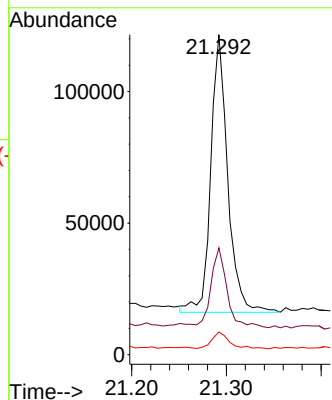
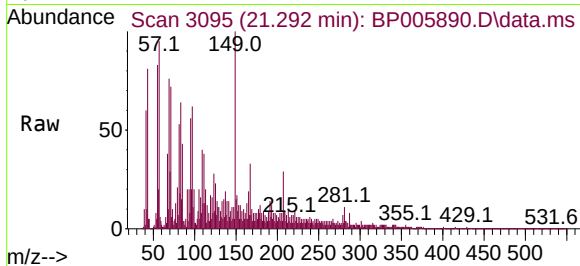




#84  
Bis(2-ethylhexyl)phthalate  
Concen: 6.82 ng  
RT: 21.292 min Scan# 3095  
Delta R.T. -0.006 min  
Lab File: BP005890.D  
Acq: 12 Jun 2021 15:57

Instrument :  
BNA\_P  
ClientSampled :  
1847

Tgt Ion:149 Resp: 130938  
Ion Ratio Lower Upper  
149 100  
167 33.4 21.9 32.9#  
279 7.1 4.3 6.5#



#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 23.810 min Scan# 3523  
Delta R.T. -0.006 min  
Lab File: BP005890.D  
Acq: 12 Jun 2021 15:57

Tgt Ion:264 Resp: 501519  
Ion Ratio Lower Upper  
264 100  
260 24.4 18.6 28.0  
265 22.3 17.6 26.4

