

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP021221\  
 Data File : BP004738.D  
 Acq On : 12 Feb 2021 19:46  
 Operator : CG/JU  
 Sample : M1385-01  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 TR-04-021121

Quant Time: Feb 12 22:46:05 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP020521.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Feb 05 18:04:48 2021  
 Response via : Initial Calibration

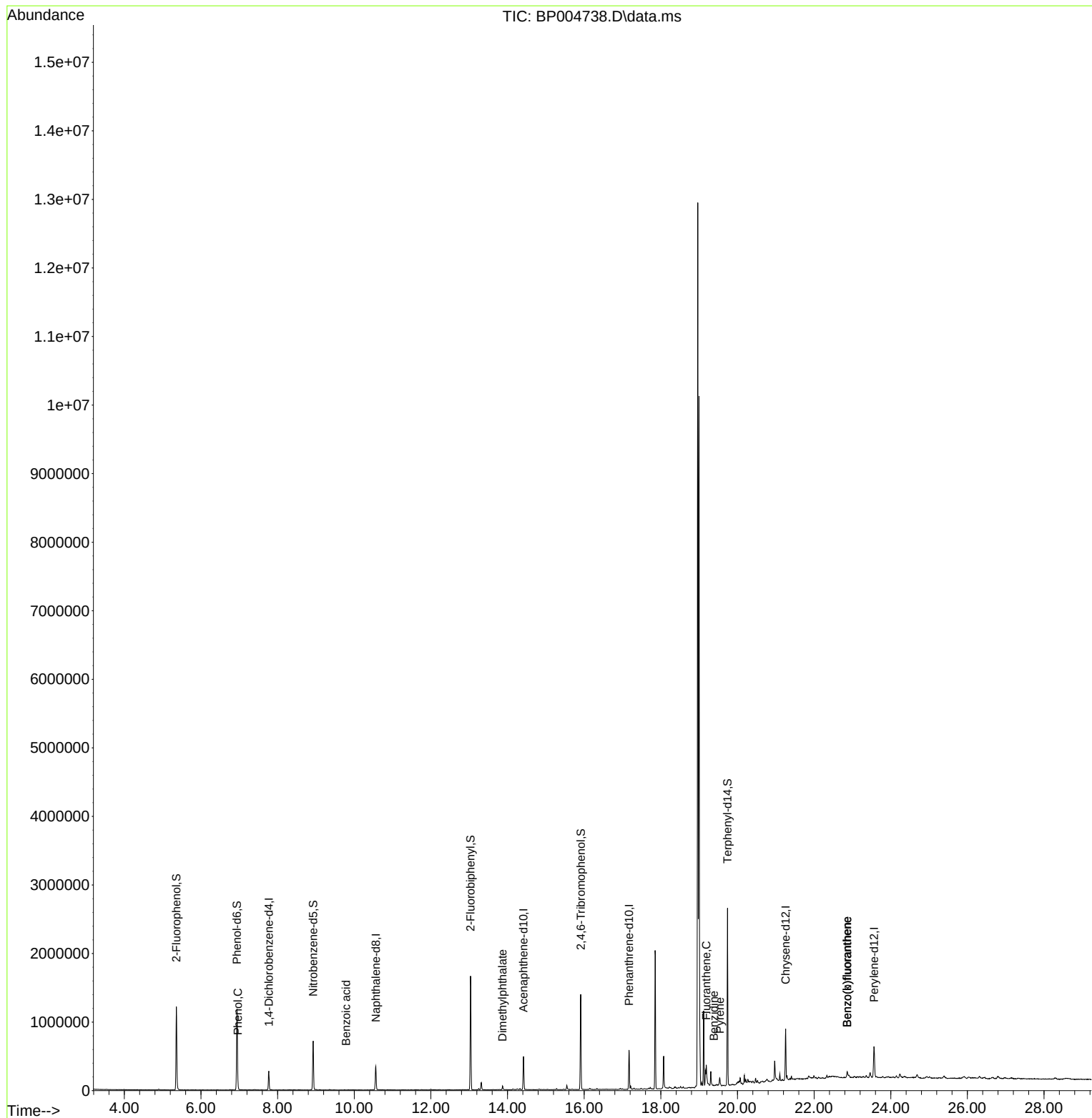
| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|--------|------|----------|--------|-------|----------|
| -----                       |        |      |          |        |       |          |
| Internal Standards          |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.769  | 152  | 68258    | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.563 | 136  | 265164   | 20.00  | ng    | # 0.00   |
| 39) Acenaphthene-d10        | 14.416 | 164  | 154665   | 20.00  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.169 | 188  | 320947   | 20.00  | ng    | 0.00     |
| 76) Chrysene-d12            | 21.257 | 240  | 315517   | 20.00  | ng    | 0.00     |
| 86) Perylene-d12            | 23.563 | 264  | 319188   | 20.00  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.358  | 112  | 505414   | 114.32 | ng    | 0.00     |
| 7) Phenol-d6                | 6.940  | 99   | 639867   | 105.25 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 8.928  | 82   | 400102   | 65.74  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 15.910 | 330  | 223472   | 108.75 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.034 | 172  | 782404   | 61.83  | ng    | 0.00     |
| 79) Terphenyl-d14           | 19.739 | 244  | 996969   | 53.08  | ng    | 0.00     |
| Target Compounds            |        |      |          |        |       |          |
|                             |        |      |          |        |       | Qvalue   |
| 10) Phenol                  | 6.964  | 94   | 32098    | 5.45   | ng    | # 67     |
| 32) Benzoic acid            | 9.787  | 122  | 135      | 6.89   | ng    | 84       |
| 50) Dimethylphthalate       | 13.869 | 163  | 30109    | 2.21   | ng    | 99       |
| 75) Fluoranthene            | 19.186 | 202  | 63194    | 2.70   | ng    | 98       |
| 77) Benzidine               | 19.386 | 184  | 128      | 2.16   | ng    | # 1      |
| 78) Pyrene                  | 19.539 | 202  | 62175    | 2.79   | ng    | 98       |
| 88) Benzo(b)fluoranthene    | 22.863 | 252  | 57993    | 2.48   | ng    | # 88     |
| 89) Benzo(k)fluoranthene    | 22.863 | 252  | 57993    | 2.58   | ng    | # 89     |
| -----                       |        |      |          |        |       |          |

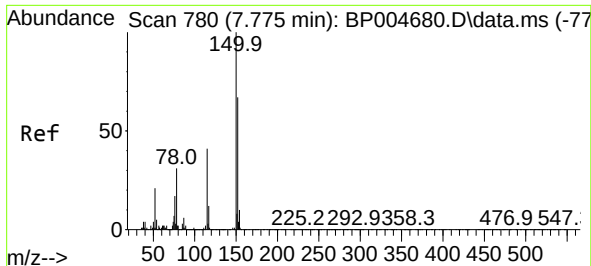
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP021221\  
Data File : BP004738.D  
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Operator : CG/JU  
Sample : M1385-01  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
TR-04-021121

Quant Time: Feb 12 22:46:05 2021  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP020521.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Feb 05 18:04:48 2021  
Response via : Initial Calibration

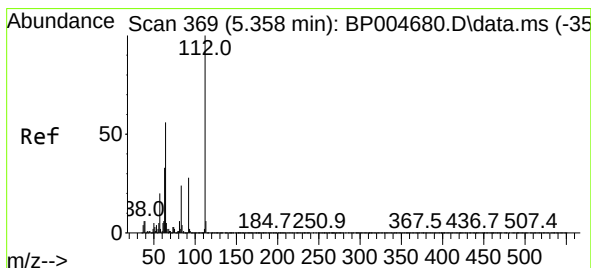
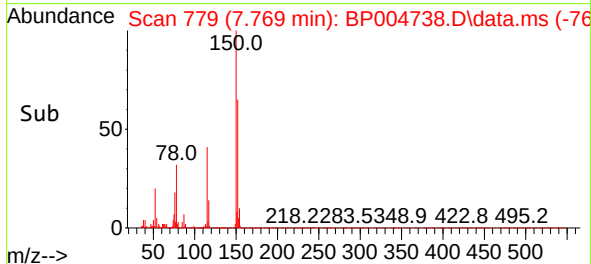
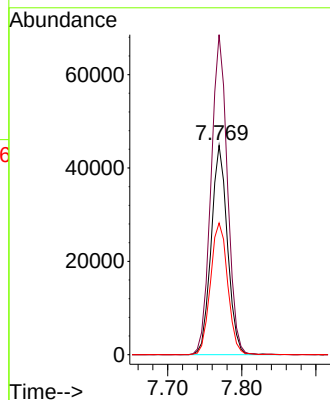
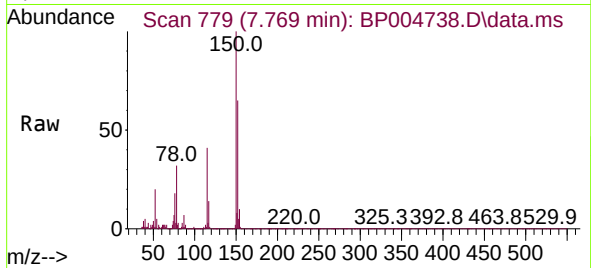




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 7.769 min Scan# 779  
Delta R.T. -0.006 min  
Lab File: BP004738.D  
Acq: 12 Feb 2021 19:46

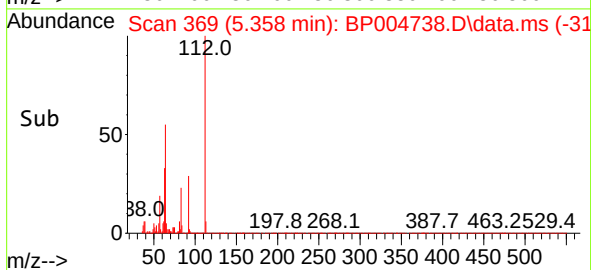
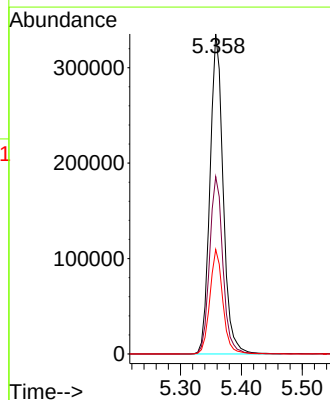
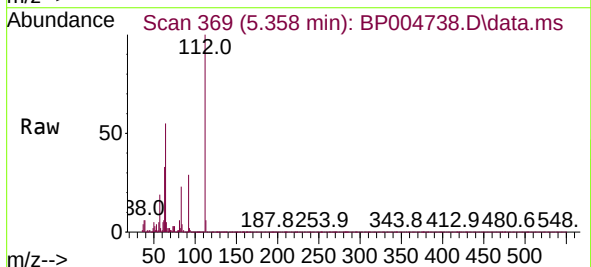
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ClientSampleId :  
TR-04-021121

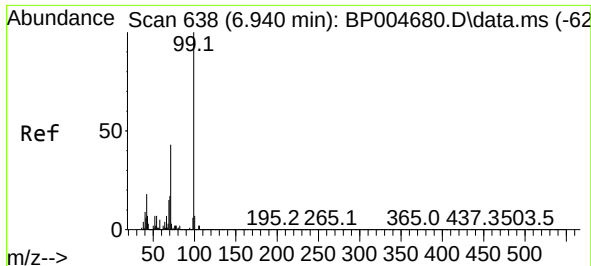
Tgt Ion:152 Resp: 68258  
Ion Ratio Lower Upper  
152 100  
150 152.9 123.8 185.6  
115 62.9 43.8 65.6



#5  
2-Fluorophenol  
Concen: 114.32 ng  
RT: 5.358 min Scan# 369  
Delta R.T. 0.000 min  
Lab File: BP004738.D  
Acq: 12 Feb 2021 19:46

Tgt Ion:112 Resp: 505414  
Ion Ratio Lower Upper  
112 100  
64 55.4 32.8 49.2#  
63 32.6 17.0 25.4#

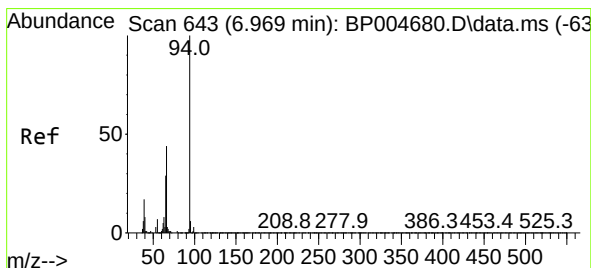
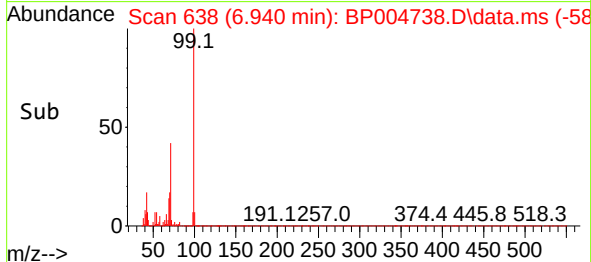
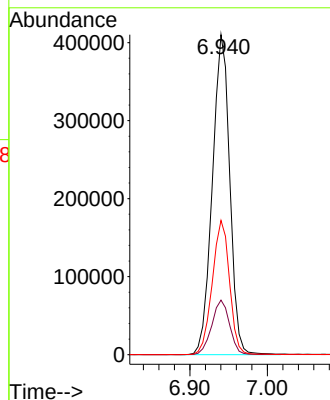
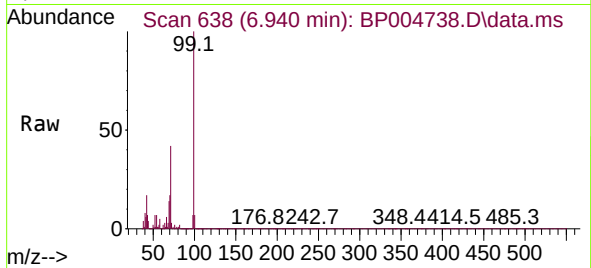




#7  
Phenol-d6  
Concen: 105.25 ng  
RT: 6.940 min Scan# 638  
Delta R.T. 0.000 min  
Lab File: BP004738.D  
Acq: 12 Feb 2021 19:46

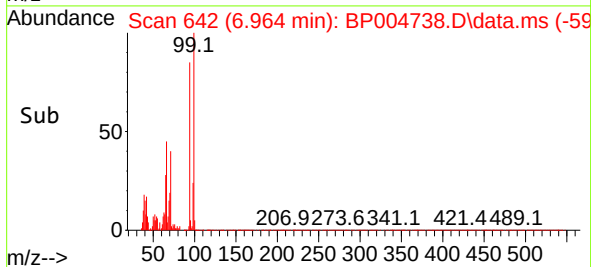
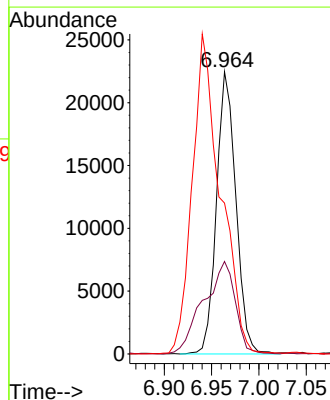
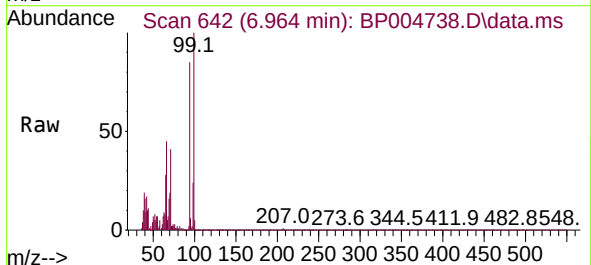
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BNA\_P  
ClientSampleId :  
TR-04-021121

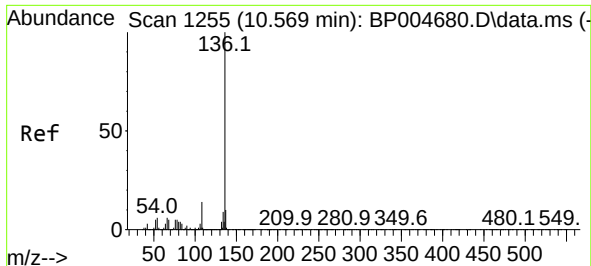
Tgt Ion: 99 Resp: 639867  
Ion Ratio Lower Upper  
99 100  
42 17.1 8.6 13.0#  
71 42.0 23.4 35.2#



#10  
Phenol  
Concen: 5.45 ng  
RT: 6.964 min Scan# 642  
Delta R.T. -0.006 min  
Lab File: BP004738.D  
Acq: 12 Feb 2021 19:46

Tgt Ion: 94 Resp: 32098  
Ion Ratio Lower Upper  
94 100  
65 32.8 2.3 42.3  
66 53.4 10.9 50.9#

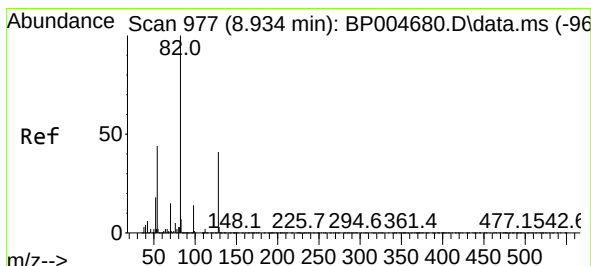
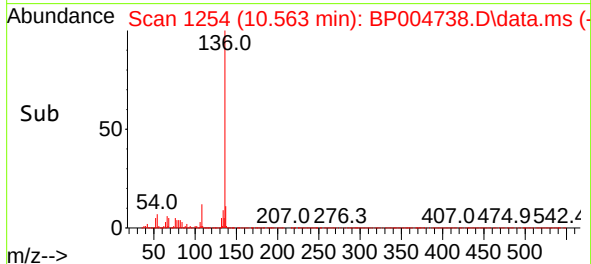
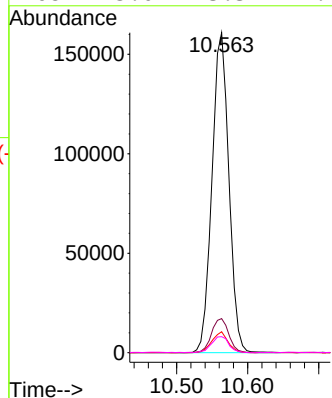
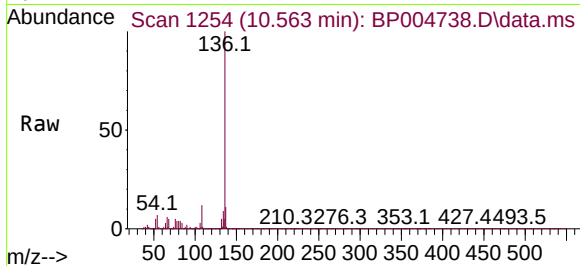




#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 10.563 min Scan# 1254  
Delta R.T. -0.006 min  
Lab File: BP004738.D  
Acq: 12 Feb 2021 19:46

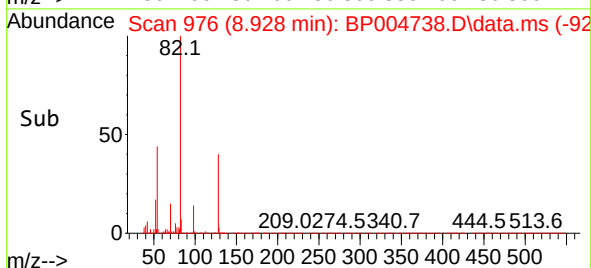
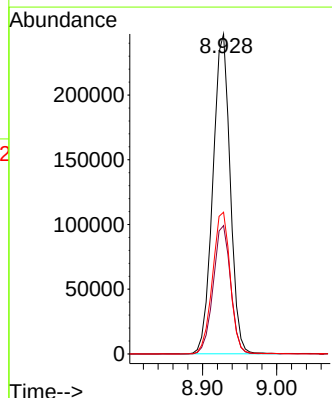
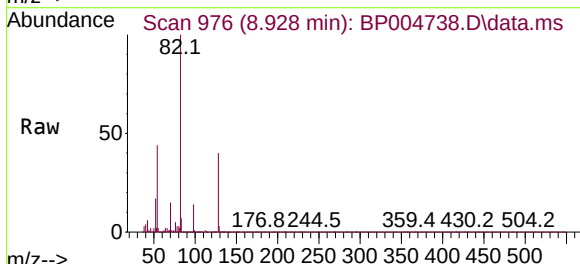
Instrument :  
BNA\_P  
ClientSampleId :  
TR-04-021121

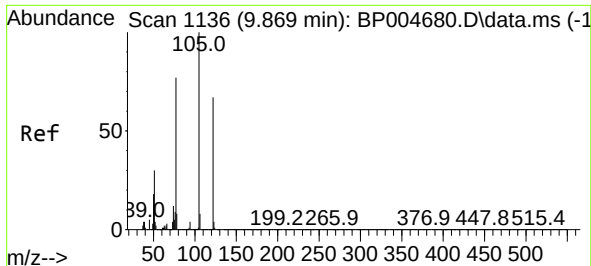
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 136   | Resp: | 265164 |
| Ion Ratio | Lower | Upper |        |
| 136       | 100   |       |        |
| 137       | 10.6  | 8.6   | 13.0   |
| 54        | 6.6   | 3.6   | 5.4#   |
| 68        | 5.0   | 3.3   | 4.9#   |



#23  
Nitrobenzene-d5  
Concen: 65.74 ng  
RT: 8.928 min Scan# 976  
Delta R.T. -0.006 min  
Lab File: BP004738.D  
Acq: 12 Feb 2021 19:46

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 82    | Resp: | 400102 |
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 128       | 40.1  | 45.6  | 68.4#  |
| 54        | 44.3  | 30.1  | 45.1   |

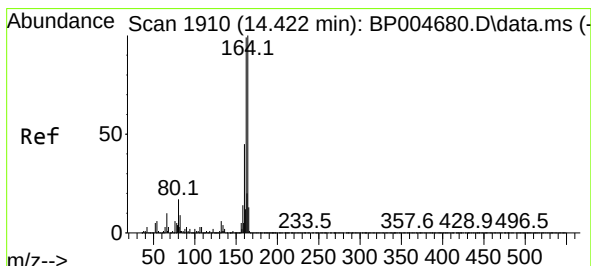
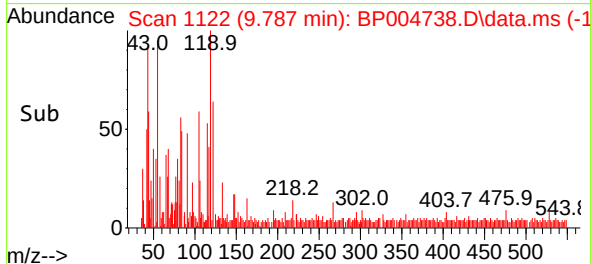
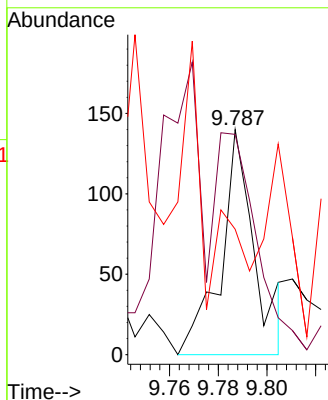
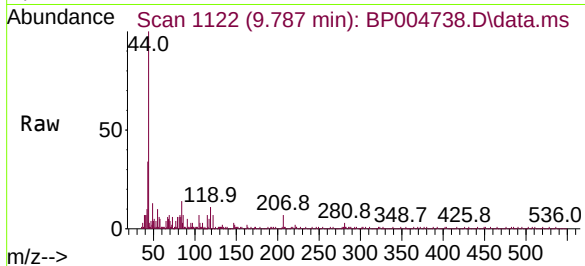




#32  
Benzoic acid  
Concen: 6.89 ng  
RT: 9.787 min Scan# 1122  
Delta R.T. -0.082 min  
Lab File: BP004738.D  
Acq: 12 Feb 2021 19:46

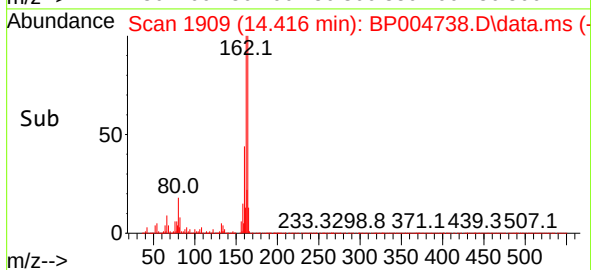
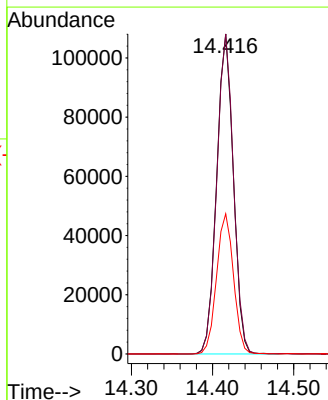
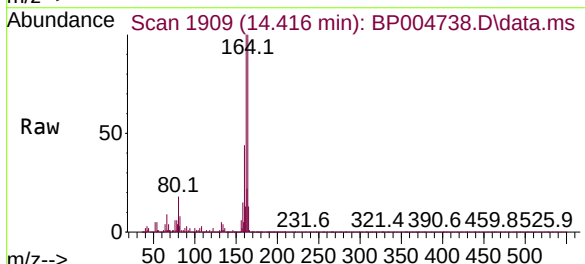
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BNA\_P  
ClientSampleId :  
TR-04-021121

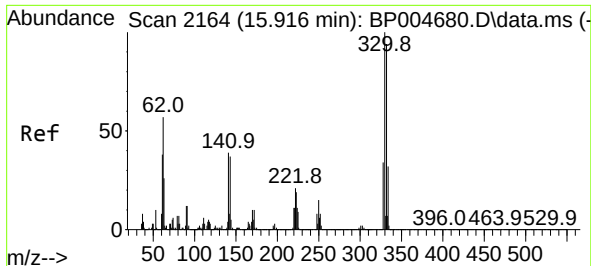
|             |       |            |
|-------------|-------|------------|
| Tgt Ion:122 | Resp: | 135        |
| Ion Ratio   | Lower | Upper      |
| 122         | 100   |            |
| 105         | 97.9  | 94.1 134.1 |
| 77          | 55.7  | 50.1 90.1  |



#39  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 14.416 min Scan# 1909  
Delta R.T. -0.006 min  
Lab File: BP004738.D  
Acq: 12 Feb 2021 19:46

|             |       |            |
|-------------|-------|------------|
| Tgt Ion:164 | Resp: | 154665     |
| Ion Ratio   | Lower | Upper      |
| 164         | 100   |            |
| 162         | 100.0 | 79.4 119.2 |
| 160         | 43.8  | 36.1 54.1  |

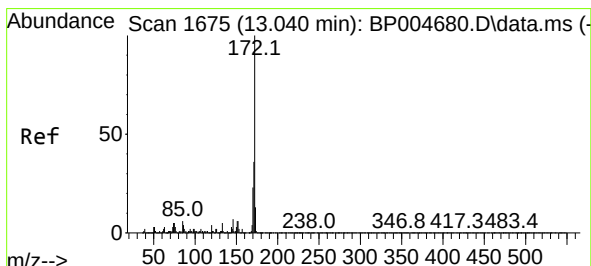
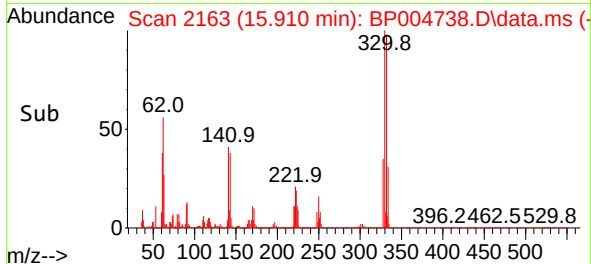
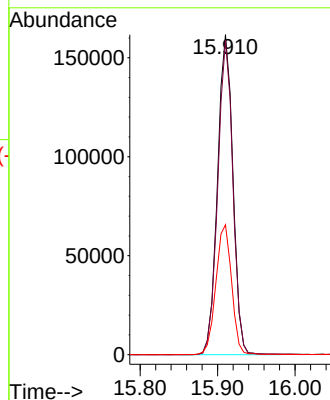
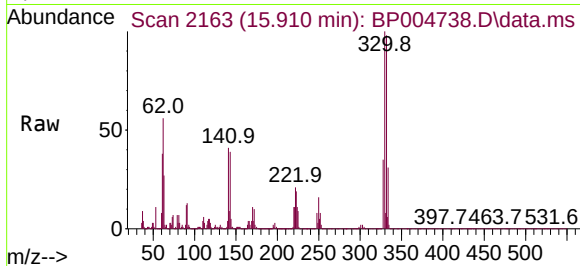




#42  
2,4,6-Tribromophenol  
Concen: 108.75 ng  
RT: 15.910 min Scan# 2163  
Delta R.T. -0.006 min  
Lab File: BP004738.D  
Acq: 12 Feb 2021 19:46

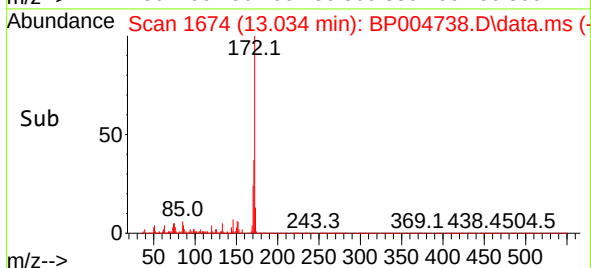
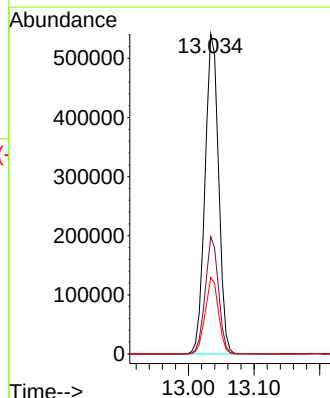
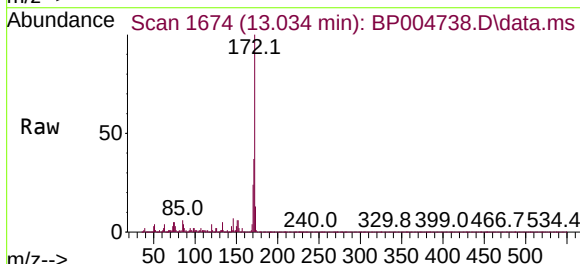
Instrument :  
BNA\_P  
ClientSampleId :  
TR-04-021121

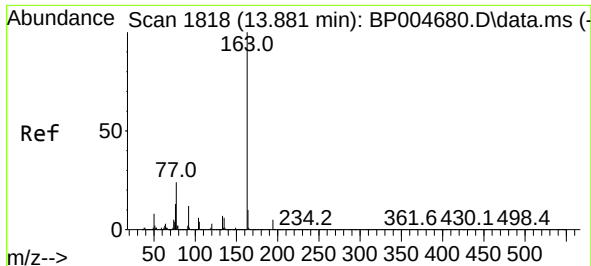
Tgt Ion:330 Resp: 223472  
Ion Ratio Lower Upper  
330 100  
332 96.6 77.1 115.7  
141 41.5 23.4 35.2#



#45  
2-Fluorobiphenyl  
Concen: 61.83 ng  
RT: 13.034 min Scan# 1674  
Delta R.T. -0.006 min  
Lab File: BP004738.D  
Acq: 12 Feb 2021 19:46

Tgt Ion:172 Resp: 782404  
Ion Ratio Lower Upper  
172 100  
171 36.6 28.5 42.7  
170 23.9 19.2 28.8

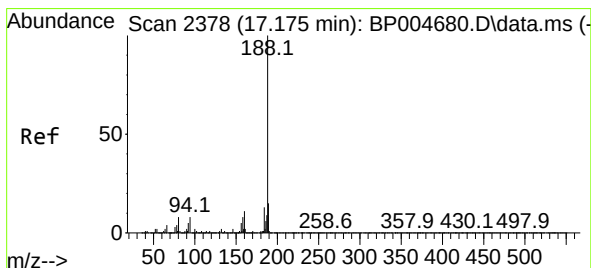
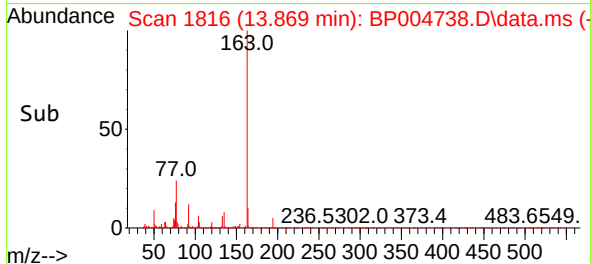
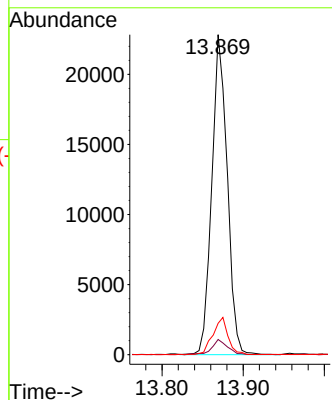
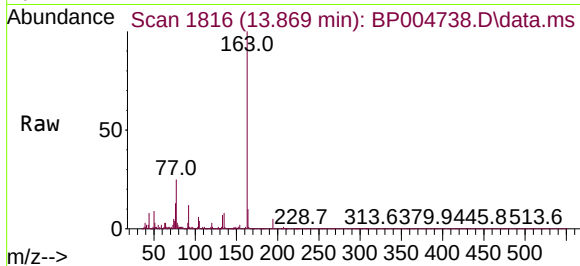




#50  
Dimethylphthalate  
Concen: 2.21 ng  
RT: 13.869 min Scan# 1816  
Delta R.T. -0.012 min  
Lab File: BP004738.D  
Acq: 12 Feb 2021 19:46

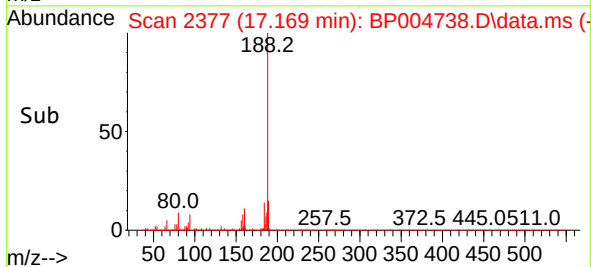
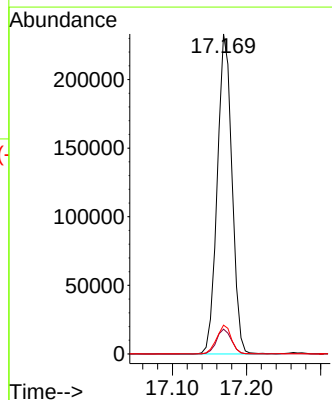
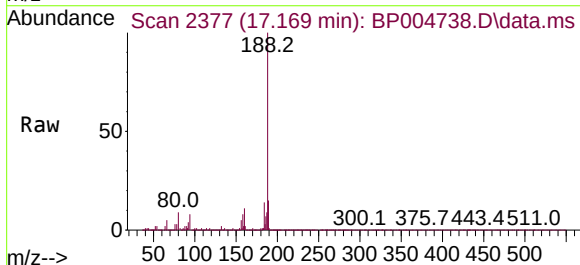
Instrument :  
BNA\_P  
ClientSampleId :  
TR-04-021121

Tgt Ion:163 Resp: 30109  
Ion Ratio Lower Upper  
163 100  
194 4.7 3.3 4.9  
164 9.8 8.2 12.2

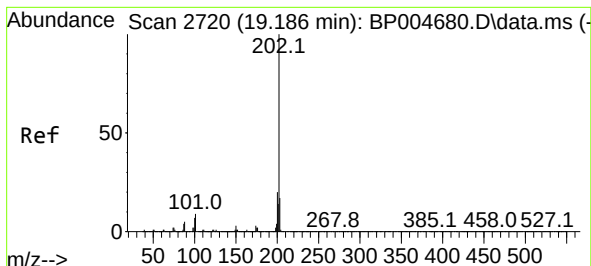


#64  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 17.169 min Scan# 2377  
Delta R.T. -0.006 min  
Lab File: BP004738.D  
Acq: 12 Feb 2021 19:46

Tgt Ion:188 Resp: 320947  
Ion Ratio Lower Upper  
188 100  
94 7.8 6.2 9.2  
80 9.0 6.2 9.2



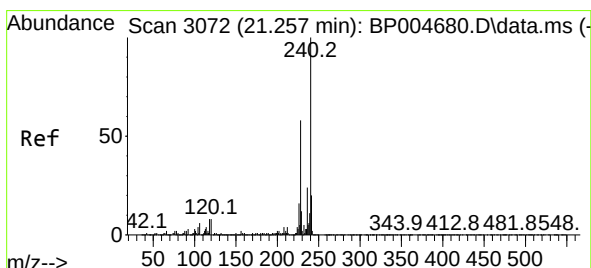
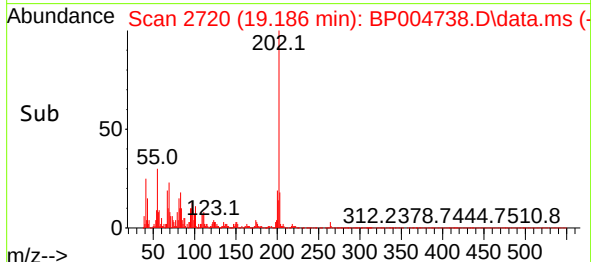
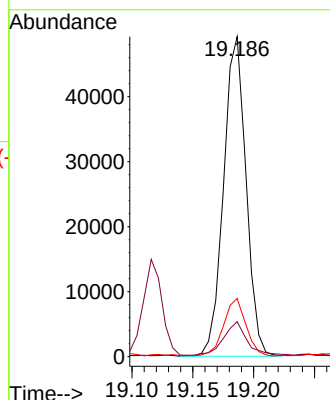
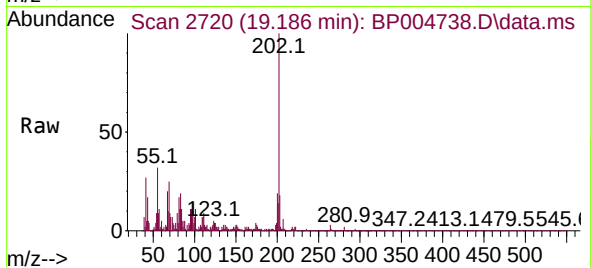




#75  
Fluoranthene  
Concen: 2.70 ng  
RT: 19.186 min Scan# 2720  
Delta R.T. 0.000 min  
Lab File: BP004738.D  
Acq: 12 Feb 2021 19:46

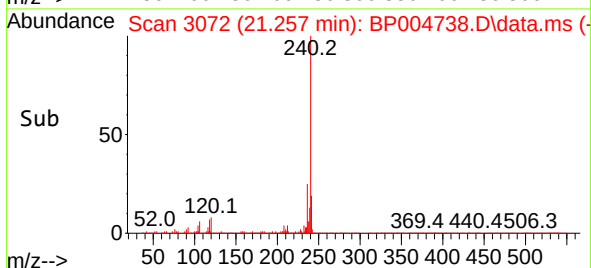
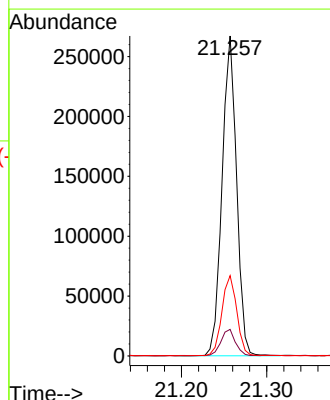
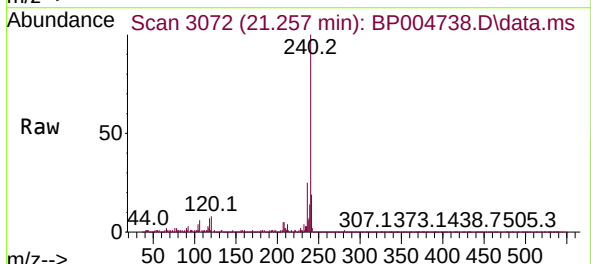
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ClientSampleId :  
TR-04-021121

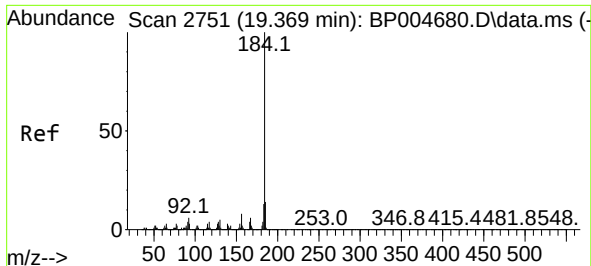
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|-----------|-------|-------|-------|
| Tgt Ion:  | 202   | Resp: | 63194 |
| Ion Ratio | Lower | Upper |       |
| 202       | 100   |       |       |
| 101       | 11.0  | 0.0   | 29.4  |
| 203       | 18.2  | 0.0   | 37.8  |



#76  
Chrysene-d12  
Concen: 20.00 ng  
RT: 21.257 min Scan# 3072  
Delta R.T. -0.000 min  
Lab File: BP004738.D  
Acq: 12 Feb 2021 19:46

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 240   | Resp: | 315517 |
| Ion Ratio | Lower | Upper |        |
| 240       | 100   |       |        |
| 120       | 8.3   | 7.8   | 11.6   |
| 236       | 25.1  | 20.8  | 31.2   |

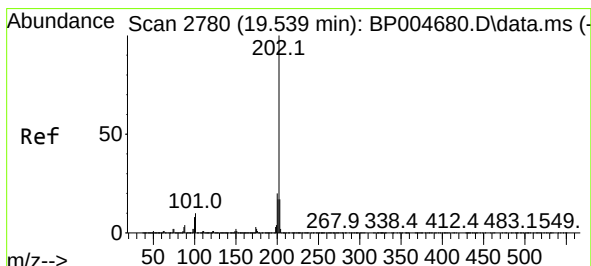
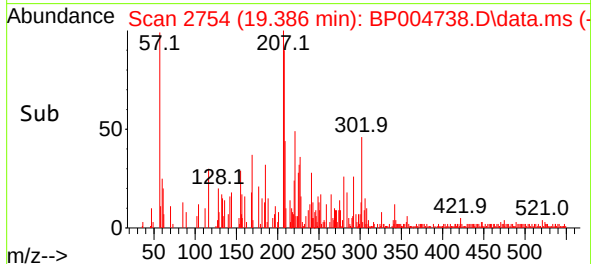
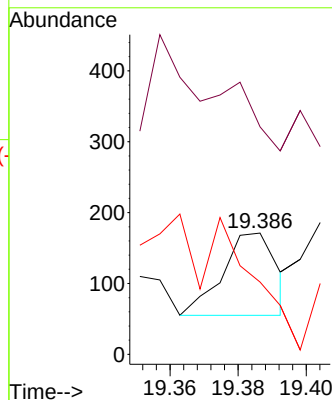
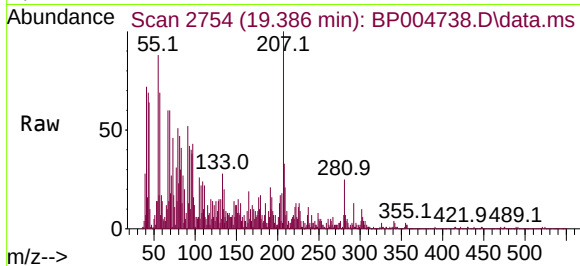




#77  
Benzidine  
Concen: 2.16 ng  
RT: 19.386 min Scan# 2754  
Delta R.T. 0.017 min  
Lab File: BP004738.D  
Acq: 12 Feb 2021 19:46

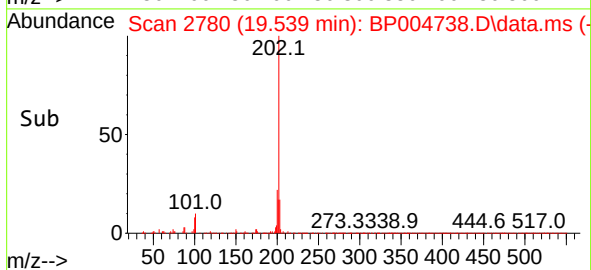
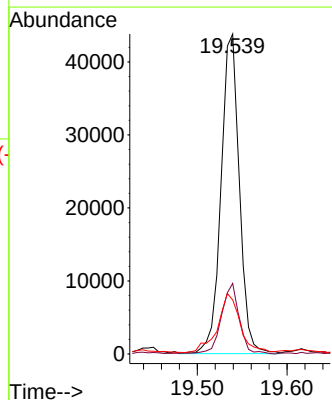
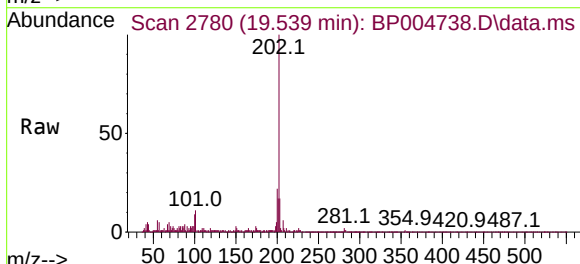
Instrument :  
BNA\_P  
ClientSampleId :  
TR-04-021121

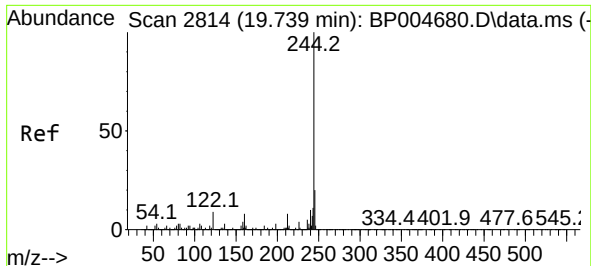
Tgt Ion:184 Resp: 128  
Ion Ratio Lower Upper  
184 100  
185 187.7 11.5 17.3#  
183 59.6 9.6 14.4#



#78  
Pyrene  
Concen: 2.79 ng  
RT: 19.539 min Scan# 2780  
Delta R.T. 0.000 min  
Lab File: BP004738.D  
Acq: 12 Feb 2021 19:46

Tgt Ion:202 Resp: 62175  
Ion Ratio Lower Upper  
202 100  
200 22.1 17.1 25.7  
203 16.9 14.2 21.2

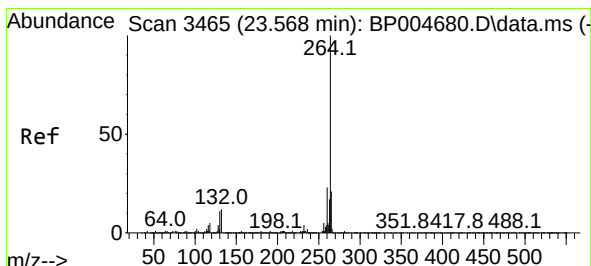
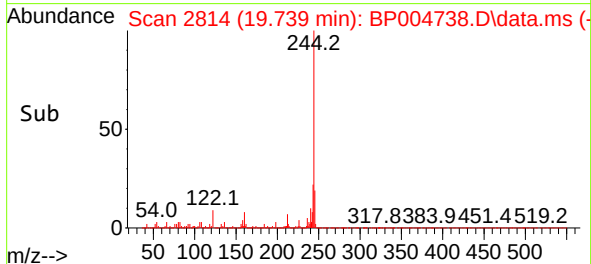
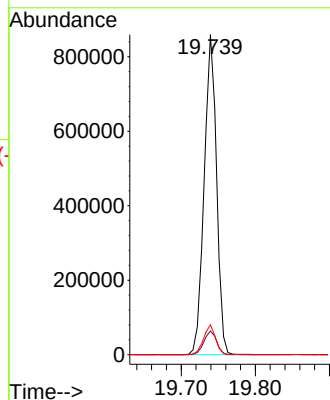
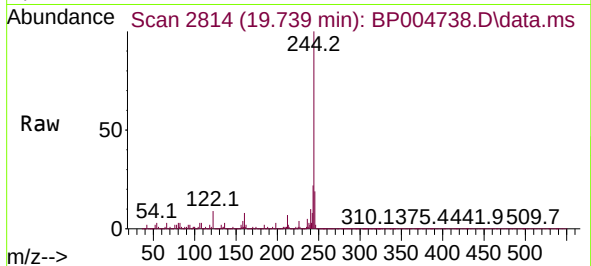




#79  
 Terphenyl-d14  
 Concen: 53.08 ng  
 RT: 19.739 min Scan# 2814  
 Delta R.T. 0.000 min  
 Lab File: BP004738.D  
 Acq: 12 Feb 2021 19:46

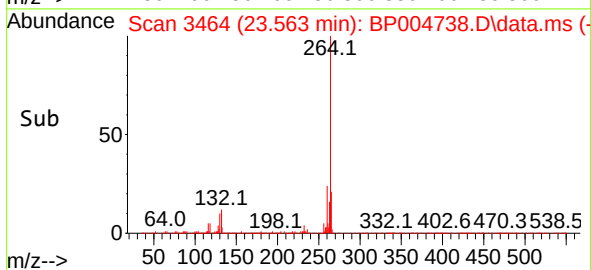
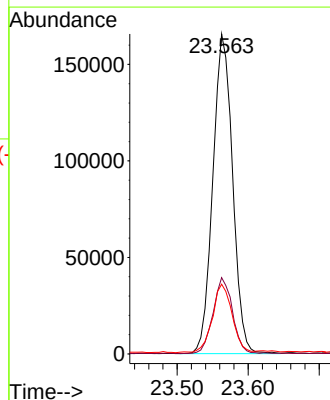
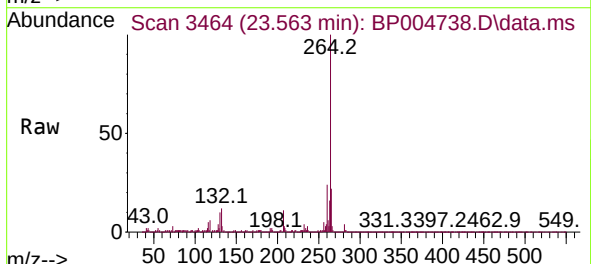
Instrument :  
 BNA\_P  
 ClientSampleId :  
 TR-04-021121

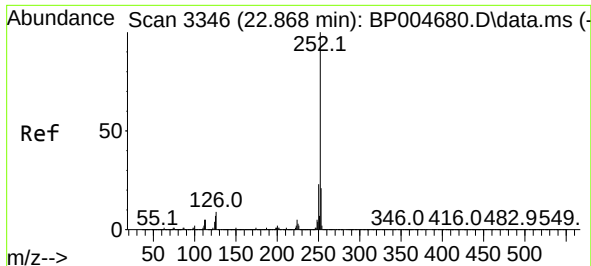
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 244   | Resp: | 996969 |
| Ion Ratio | Lower | Upper |        |
| 244       | 100   |       |        |
| 212       | 7.4   | 5.8   | 8.6    |
| 122       | 9.3   | 7.8   | 11.8   |



#86  
 Perylene-d12  
 Concen: 20.00 ng  
 RT: 23.563 min Scan# 3464  
 Delta R.T. -0.006 min  
 Lab File: BP004738.D  
 Acq: 12 Feb 2021 19:46

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 264   | Resp: | 319188 |
| Ion Ratio | Lower | Upper |        |
| 264       | 100   |       |        |
| 260       | 23.8  | 18.8  | 28.2   |
| 265       | 21.8  | 17.4  | 26.2   |

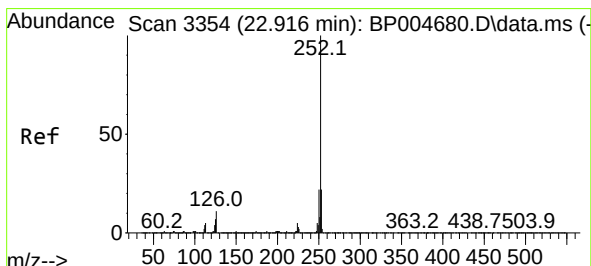
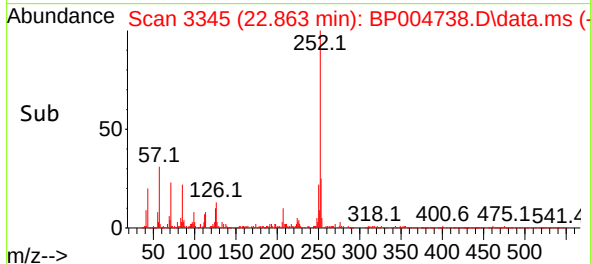
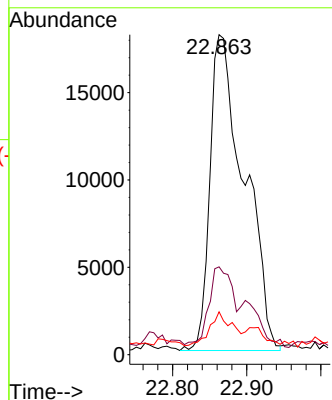
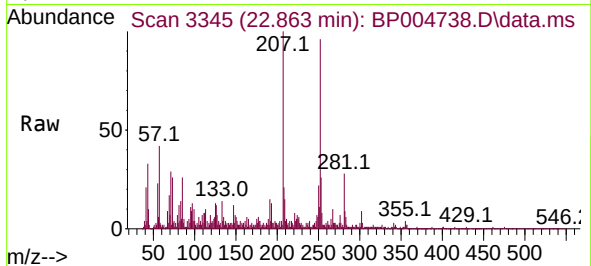




#88  
Benzo(b)fluoranthene  
Concen: 2.48 ng  
RT: 22.863 min Scan# 3345  
Delta R.T. -0.006 min  
Lab File: BP004738.D  
Acq: 12 Feb 2021 19:46

Instrument :  
BNA\_P  
ClientSampleId :  
TR-04-021121

Tgt Ion:252 Resp: 57993  
Ion Ratio Lower Upper  
252 100  
253 27.4 17.6 26.4#  
125 13.4 7.3 10.9#



#89  
Benzo(k)fluoranthene  
Concen: 2.58 ng  
RT: 22.863 min Scan# 3345  
Delta R.T. -0.053 min  
Lab File: BP004738.D  
Acq: 12 Feb 2021 19:46

Tgt Ion:252 Resp: 57993  
Ion Ratio Lower Upper  
252 100  
253 27.4 17.8 26.8#  
125 13.4 7.4 11.2#

