

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP080621\  
 Data File : BP006556.D  
 Acq On : 07 Aug 2021 01:37  
 Operator : CG/JU  
 Sample : M3279-09  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 20210589-AMENDED-COM-3

Quant Time: Aug 07 05:41:53 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP080321.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Aug 03 15:41:30 2021  
 Response via : Initial Calibration

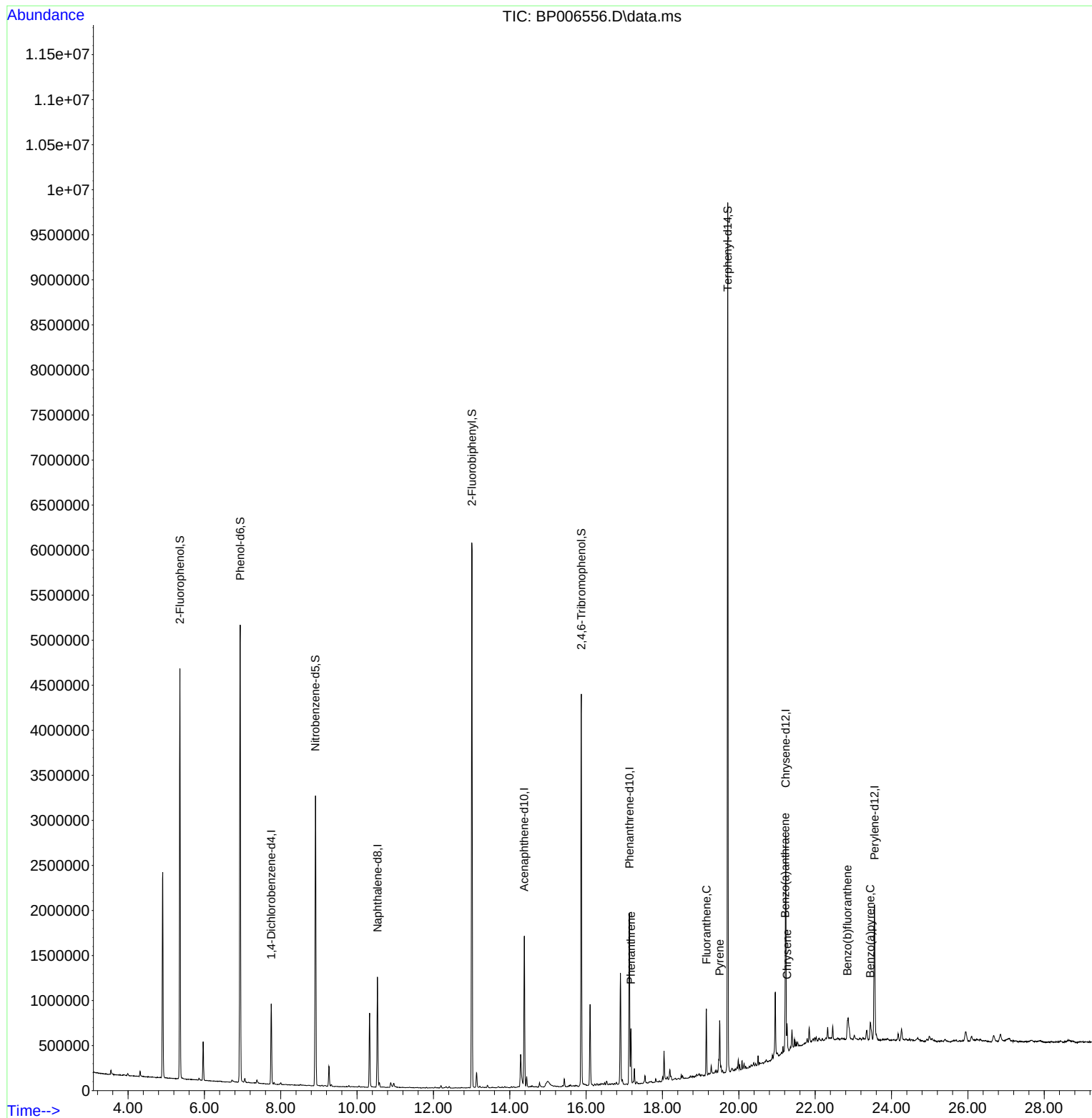
| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.752  | 152  | 217922   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.534 | 136  | 924962   | 20.000  | ng    | #-0.01   |
| 39) Acenaphthene-d10        | 14.381 | 164  | 521075   | 20.000  | ng    | -0.01    |
| 64) Phenanthrene-d10        | 17.134 | 188  | 1012369  | 20.000  | ng    | # 0.00   |
| 76) Chrysene-d12            | 21.227 | 240  | 950940   | 20.000  | ng    | #-0.01   |
| 86) Perylene-d12            | 23.557 | 264  | 998351   | 20.000  | ng    | -0.01    |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.358  | 112  | 1816274  | 128.013 | ng    | 0.00     |
| 7) Phenol-d6                | 6.940  | 99   | 2794327  | 138.645 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 8.910  | 82   | 1907852  | 95.206  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 15.875 | 330  | 627496   | 115.226 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.010 | 172  | 2854627  | 81.963  | ng    | 0.00     |
| 79) Terphenyl-d14           | 19.710 | 244  | 3757031  | 79.167  | ng    | 0.00     |
| Target Compounds            |        |      |          |         |       |          |
|                             |        |      |          |         |       | Qvalue   |
| 71) Phenanthrene            | 17.175 | 178  | 333317   | 5.837   | ng    | 99       |
| 75) Fluoranthene            | 19.151 | 202  | 380934   | 5.943   | ng    | 95       |
| 78) Pyrene                  | 19.498 | 202  | 314230   | 4.947   | ng    | 99       |
| 81) Benzo(a)anthracene      | 21.216 | 228  | 182166   | 2.931   | ng    | 98       |
| 83) Chrysene                | 21.263 | 228  | 144254   | 2.394   | ng    | 97       |
| 88) Benzo(b)fluoranthene    | 22.845 | 252  | 180389   | 2.780   | ng    | # 91     |
| 90) Benzo(a)pyrene          | 23.445 | 252  | 129570   | 2.226   | ng    | # 88     |
| -----                       |        |      |          |         |       |          |

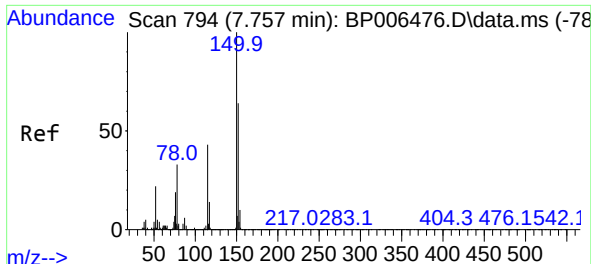
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP080621\  
Data File : BP006556.D  
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue Aug 03 15:41:30 2021  
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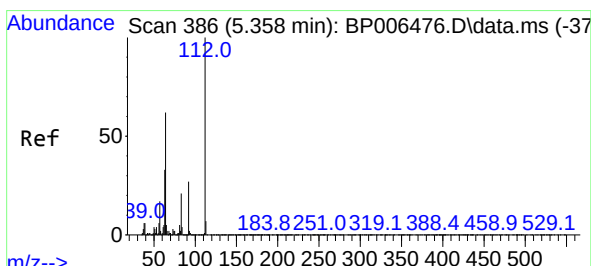
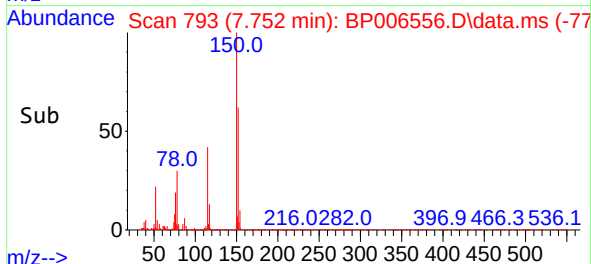
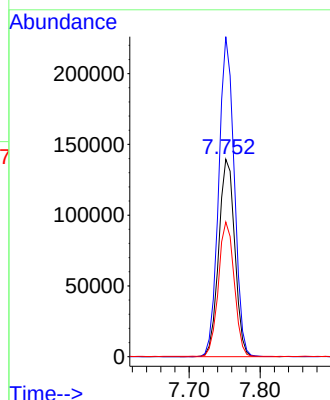
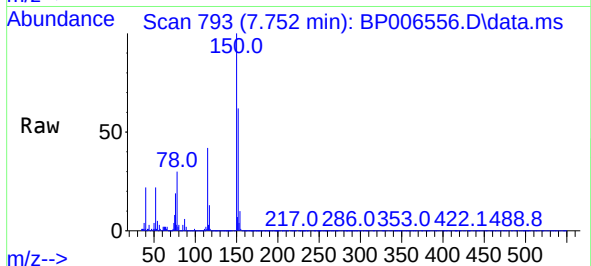




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.752 min Scan# 793  
Delta R.T. -0.005 min  
Lab File: BP006556.D  
Acq: 07 Aug 2021 01:37

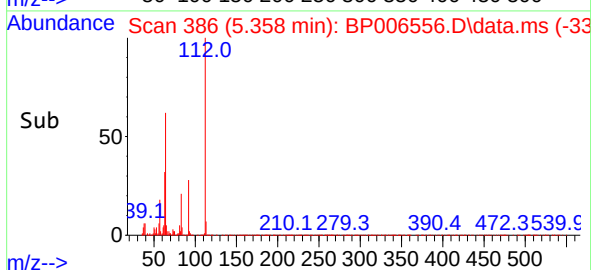
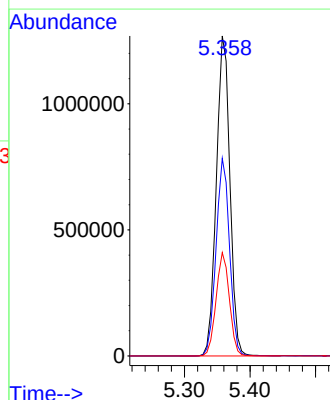
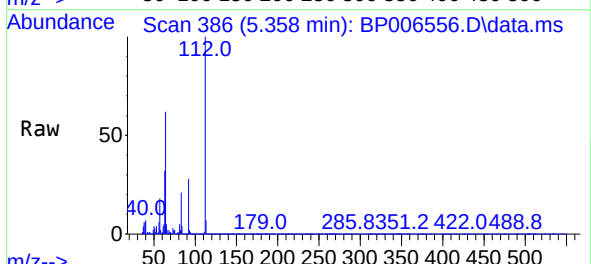
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ClientSampleId :  
20210589-AMENDED-COM-3

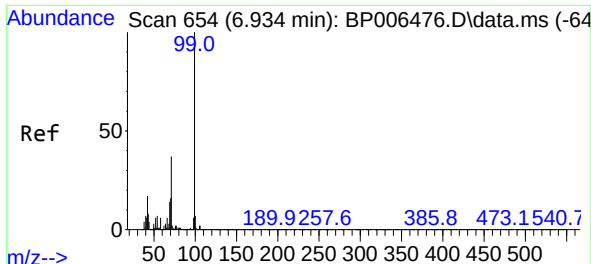
Tgt Ion:152 Resp: 217922  
Ion Ratio Lower Upper  
152 100  
150 162.1 125.6 188.4  
115 68.2 48.5 72.7



#5  
2-Fluorophenol  
Concen: 128.013 ng  
RT: 5.358 min Scan# 386  
Delta R.T. 0.000 min  
Lab File: BP006556.D  
Acq: 07 Aug 2021 01:37

Tgt Ion:112 Resp: 1816274  
Ion Ratio Lower Upper  
112 100  
64 61.8 41.4 62.2  
63 32.3 23.8 35.8

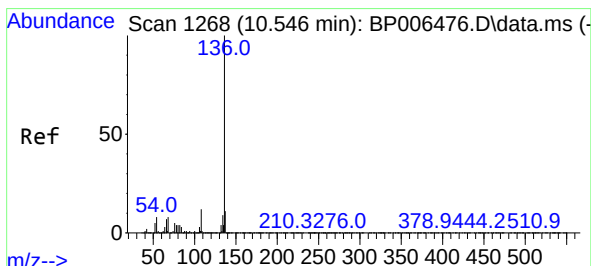
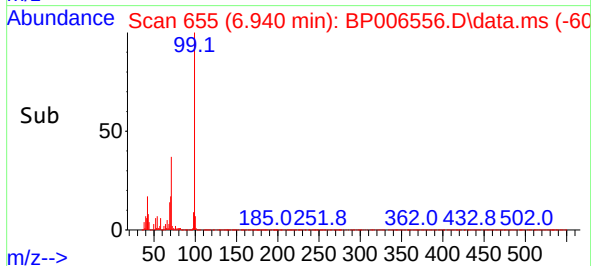
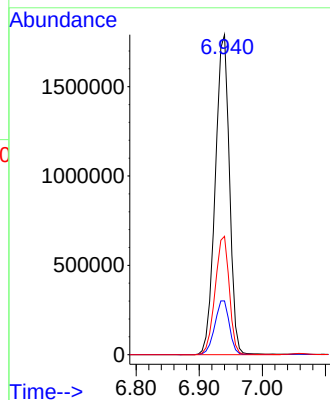
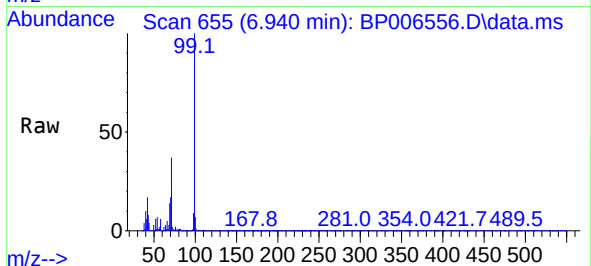




#7  
Phenol-d6  
Concen: 138.645 ng  
RT: 6.940 min Scan# 655  
Delta R.T. 0.006 min  
Lab File: BP006556.D  
Acq: 07 Aug 2021 01:37

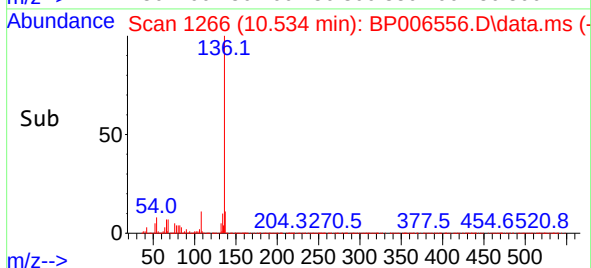
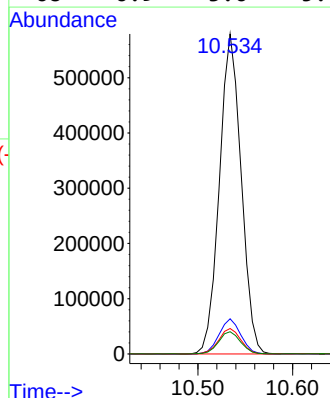
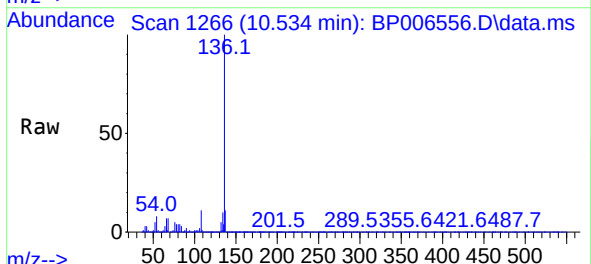
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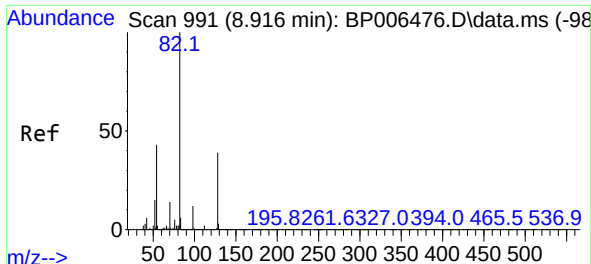
Tgt Ion: 99 Resp: 2794327  
Ion Ratio Lower Upper  
99 100  
42 16.8 13.4 20.0  
71 37.0 30.6 46.0



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.534 min Scan# 1266  
Delta R.T. -0.012 min  
Lab File: BP006556.D  
Acq: 07 Aug 2021 01:37

Tgt Ion: 136 Resp: 924962  
Ion Ratio Lower Upper  
136 100  
137 11.0 8.6 12.8  
54 8.0 4.6 6.8#  
68 6.9 3.6 5.4#

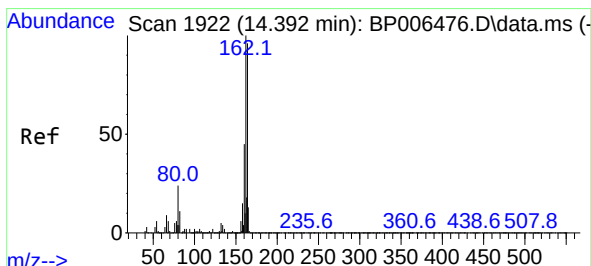
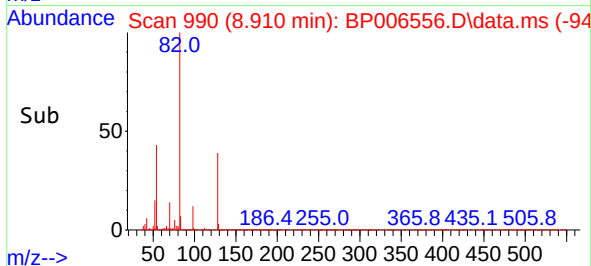
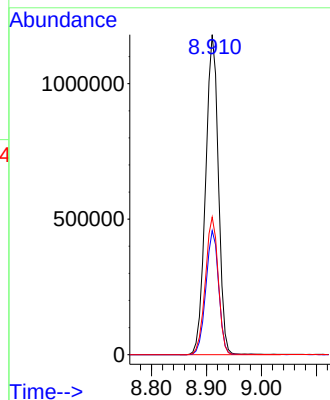
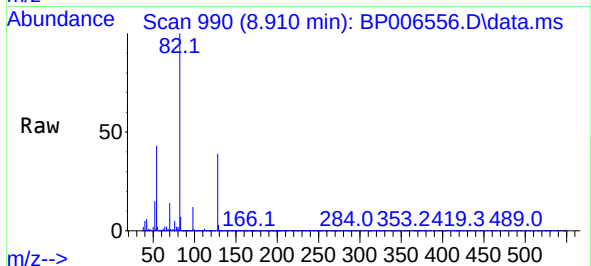




#23  
Nitrobenzene-d5  
Concen: 95.206 ng  
RT: 8.910 min Scan# 990  
Delta R.T. -0.006 min  
Lab File: BP006556.D  
Acq: 07 Aug 2021 01:37

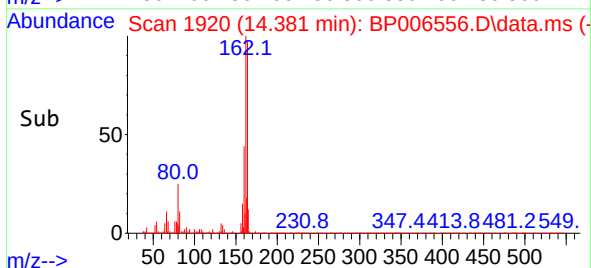
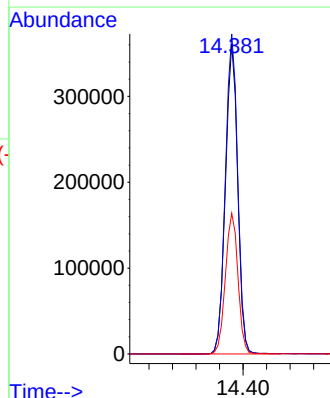
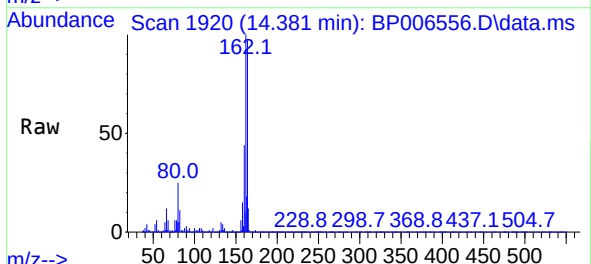
Instrument :  
BNA\_P  
ClientSampleId :  
20210589-AMENDED-COM-3

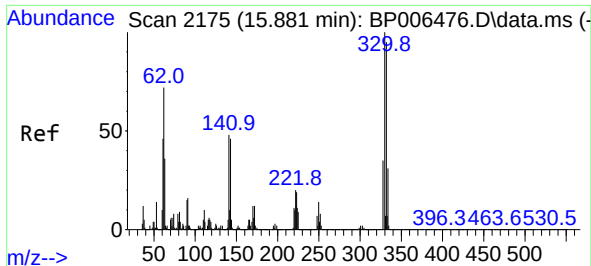
Tgt Ion: 82 Resp: 1907852  
Ion Ratio Lower Upper  
82 100  
128 38.7 35.7 53.5  
54 43.0 35.0 52.4



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.381 min Scan# 1920  
Delta R.T. -0.012 min  
Lab File: BP006556.D  
Acq: 07 Aug 2021 01:37

Tgt Ion: 164 Resp: 521075  
Ion Ratio Lower Upper  
164 100  
162 103.3 80.2 120.2  
160 45.4 34.5 51.7

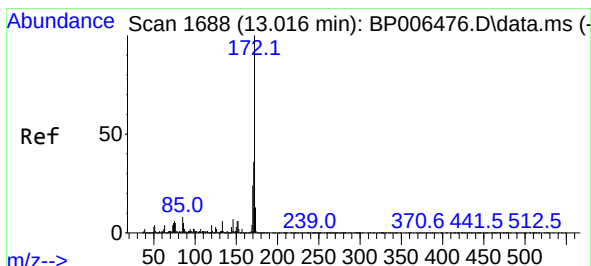
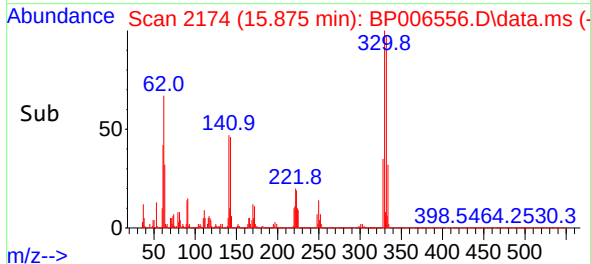
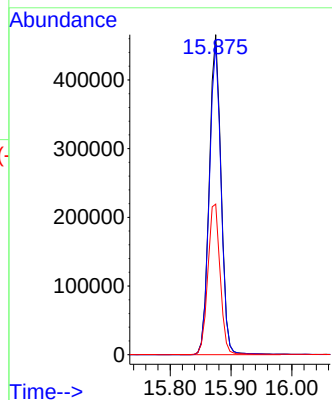
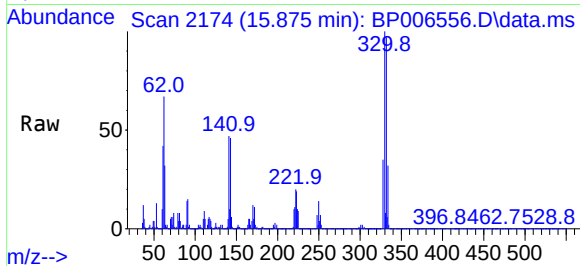




#42  
2,4,6-Tribromophenol  
Concen: 115.226 ng  
RT: 15.875 min Scan# 2174  
Delta R.T. -0.006 min  
Lab File: BP006556.D  
Acq: 07 Aug 2021 01:37

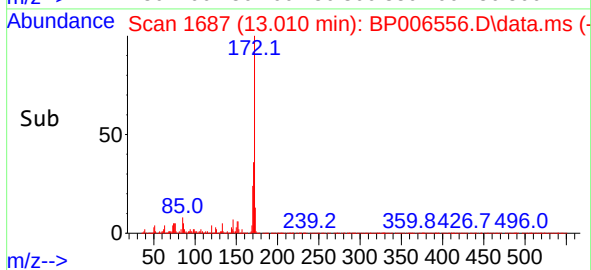
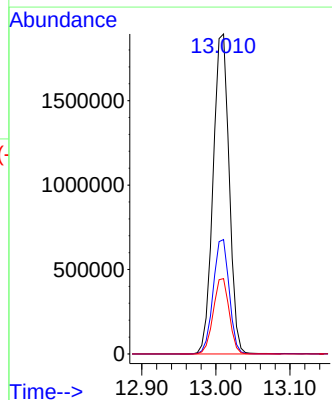
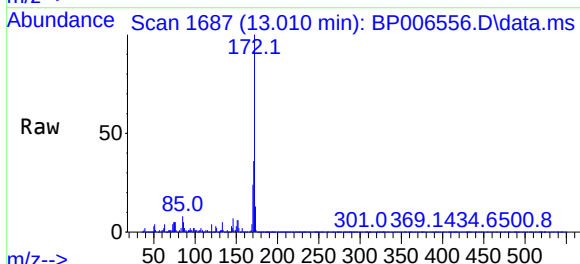
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ClientSampleId :  
20210589-AMENDED-COM-3

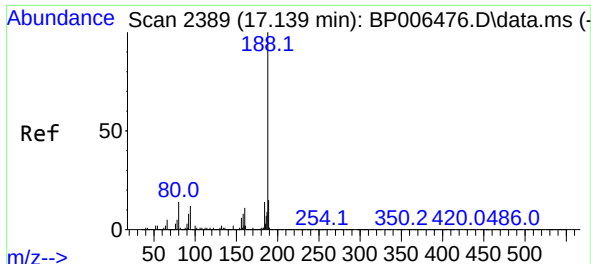
Tgt Ion:330 Resp: 627496  
Ion Ratio Lower Upper  
330 100  
332 96.5 77.8 116.8  
141 49.0 25.4 38.2#



#45  
2-Fluorobiphenyl  
Concen: 81.963 ng  
RT: 13.010 min Scan# 1687  
Delta R.T. -0.006 min  
Lab File: BP006556.D  
Acq: 07 Aug 2021 01:37

Tgt Ion:172 Resp: 2854627  
Ion Ratio Lower Upper  
172 100  
171 35.8 27.9 41.9  
170 23.6 18.6 27.8

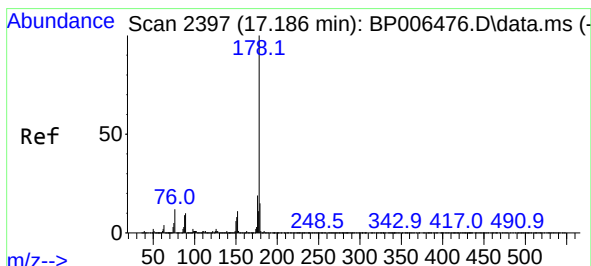
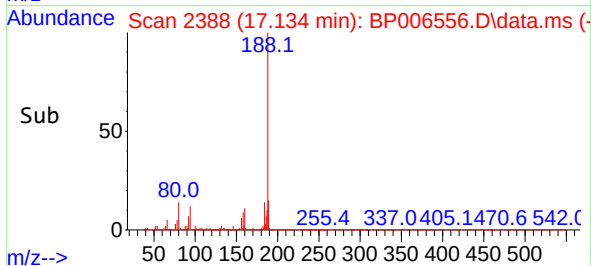
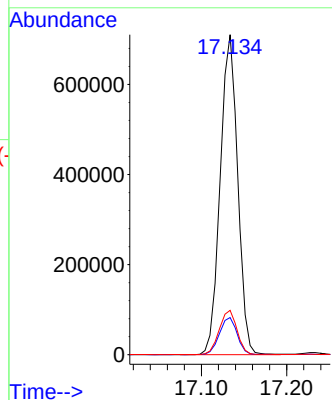
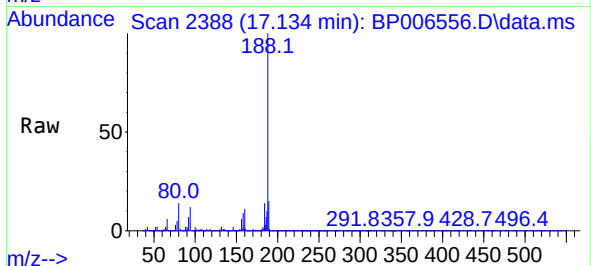




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.134 min Scan# 2388  
Delta R.T. -0.006 min  
Lab File: BP006556.D  
Acq: 07 Aug 2021 01:37

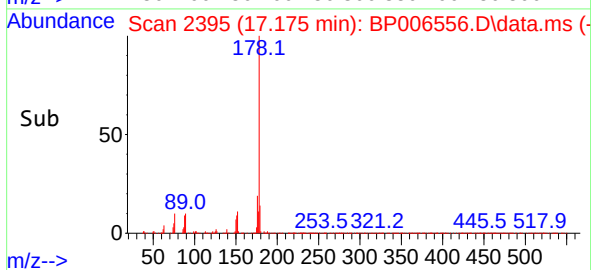
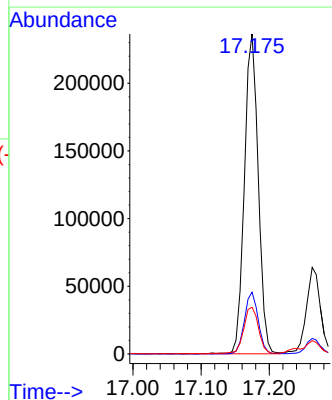
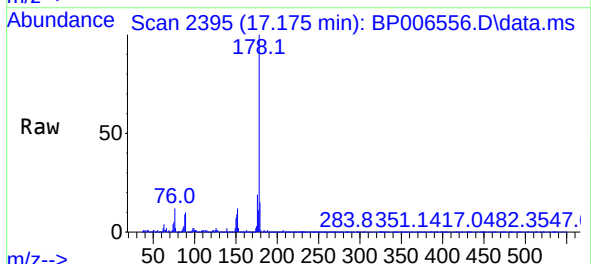
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BNA\_P  
ClientSampleId :  
20210589-AMENDED-COM-3

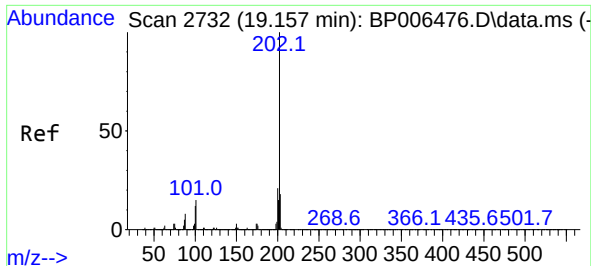
Tgt Ion:188 Resp: 1012369  
Ion Ratio Lower Upper  
188 100  
94 11.6 5.6 8.4#  
80 13.9 6.3 9.5#



#71  
Phenanthrene  
Concen: 5.837 ng  
RT: 17.175 min Scan# 2395  
Delta R.T. -0.012 min  
Lab File: BP006556.D  
Acq: 07 Aug 2021 01:37

Tgt Ion:178 Resp: 333317  
Ion Ratio Lower Upper  
178 100  
176 19.3 15.1 22.7  
179 14.6 12.4 18.6

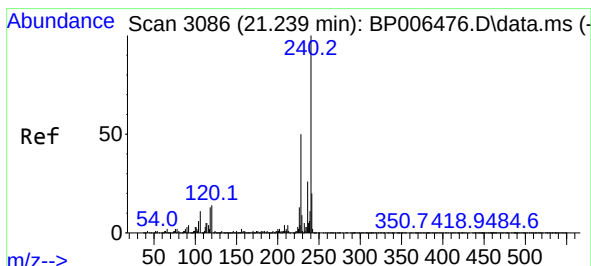
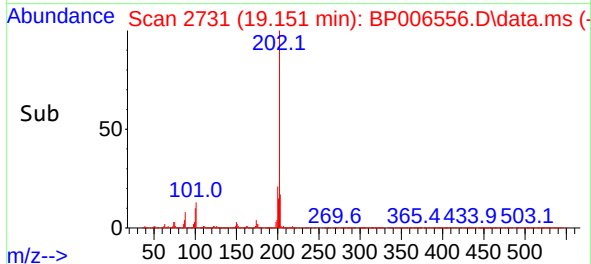
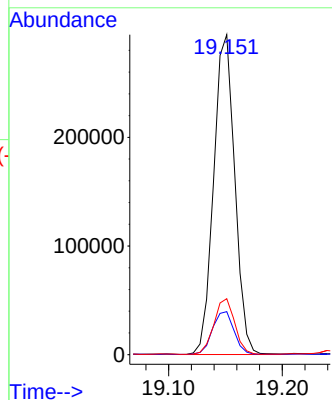
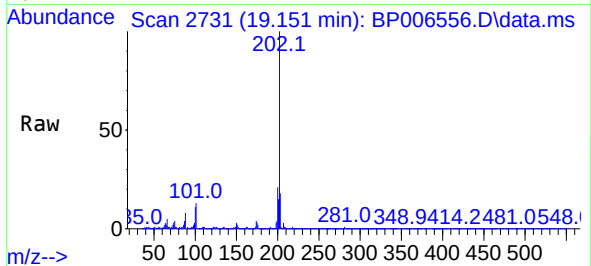




#75  
Fluoranthene  
Concen: 5.943 ng  
RT: 19.151 min Scan# 2731  
Delta R.T. -0.006 min  
Lab File: BP006556.D  
Acq: 07 Aug 2021 01:37

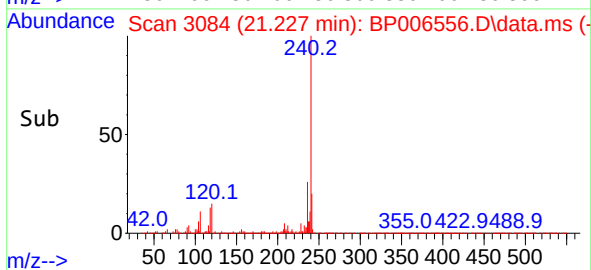
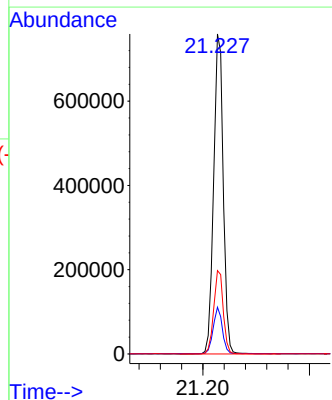
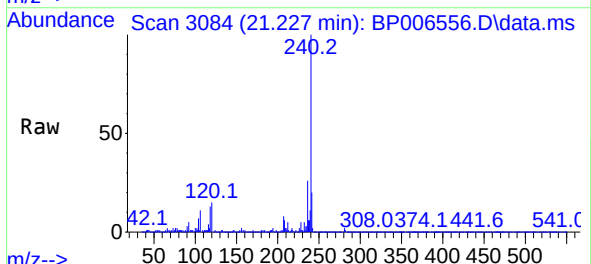
Instrument :  
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ClientSampleId :  
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|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 202   | Resp: | 380934 |
| Ion      | Ratio | Lower | Upper  |
| 202      | 100   |       |        |
| 101      | 13.5  | 0.0   | 27.6   |
| 203      | 17.5  | 0.0   | 37.8   |

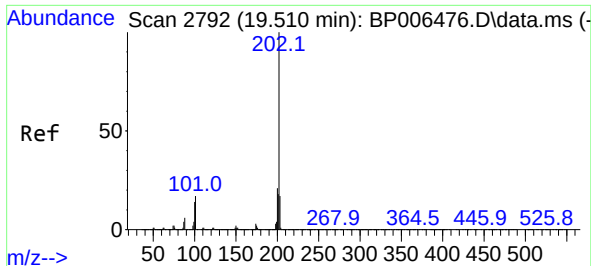


#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.227 min Scan# 3084  
Delta R.T. -0.012 min  
Lab File: BP006556.D  
Acq: 07 Aug 2021 01:37

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 240   | Resp: | 950940 |
| Ion      | Ratio | Lower | Upper  |
| 240      | 100   |       |        |
| 120      | 14.6  | 6.5   | 9.7#   |
| 236      | 26.1  | 20.6  | 31.0   |



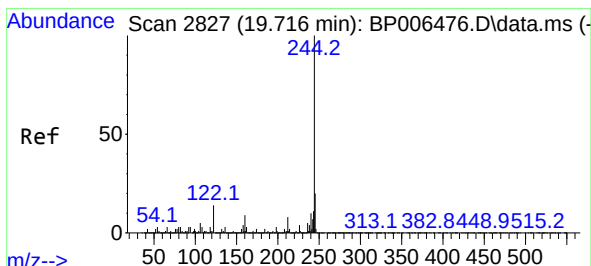
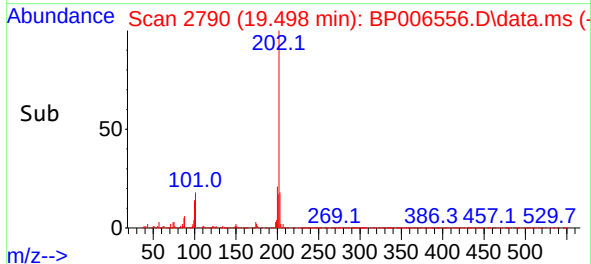
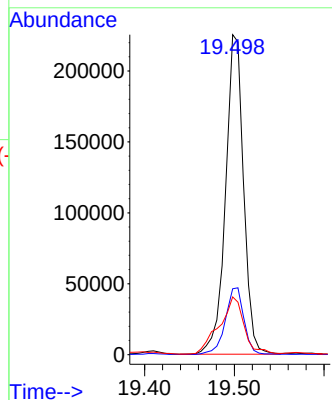
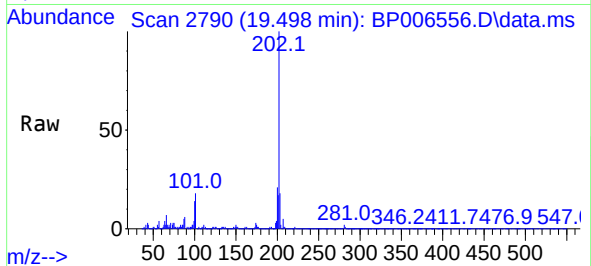




#78  
Pyrene  
Concen: 4.947 ng  
RT: 19.498 min Scan# 2790  
Delta R.T. -0.012 min  
Lab File: BP006556.D  
Acq: 07 Aug 2021 01:37

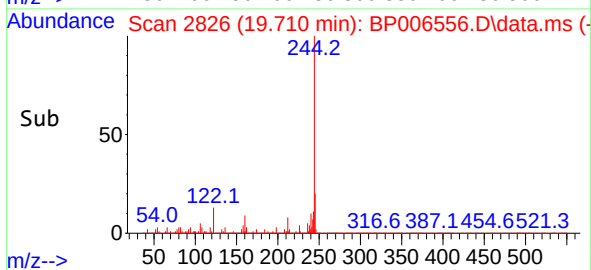
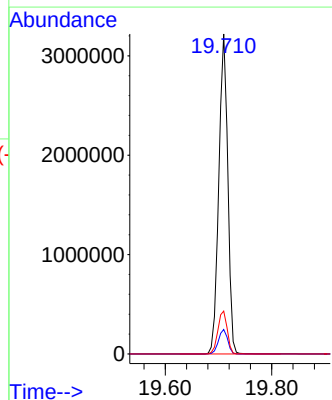
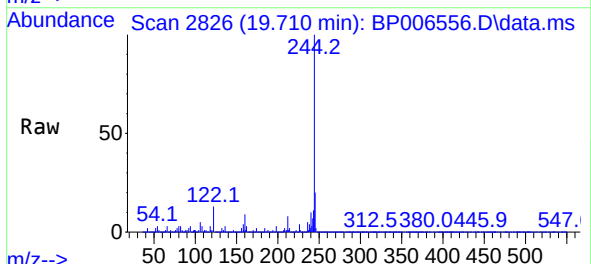
Instrument :  
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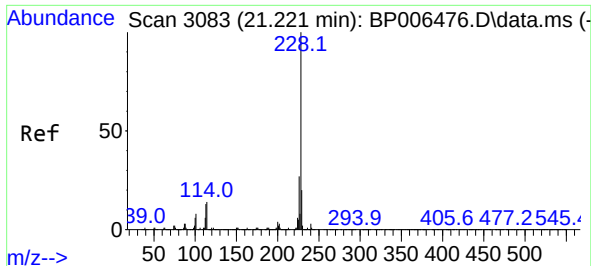
Tgt Ion:202 Resp: 314230  
Ion Ratio Lower Upper  
202 100  
200 20.6 16.3 24.5  
203 18.1 14.2 21.2



#79  
Terphenyl-d14  
Concen: 79.167 ng  
RT: 19.710 min Scan# 2826  
Delta R.T. -0.006 min  
Lab File: BP006556.D  
Acq: 07 Aug 2021 01:37

Tgt Ion:244 Resp: 3757031  
Ion Ratio Lower Upper  
244 100  
212 7.6 6.0 9.0  
122 13.4 7.1 10.7#

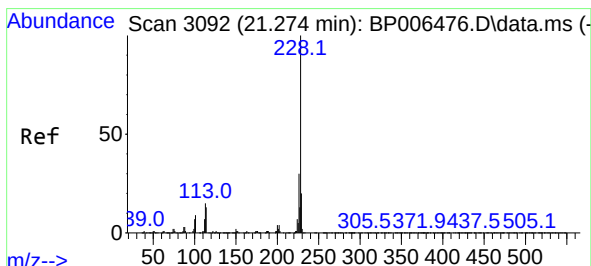
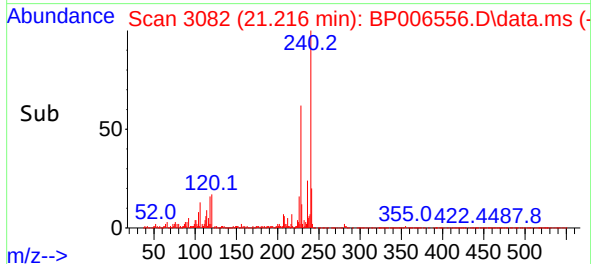
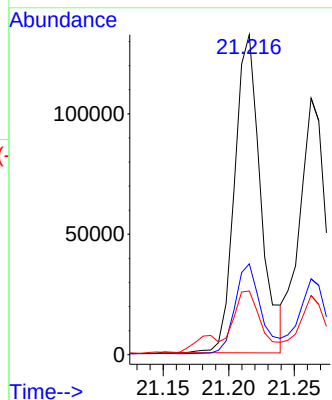
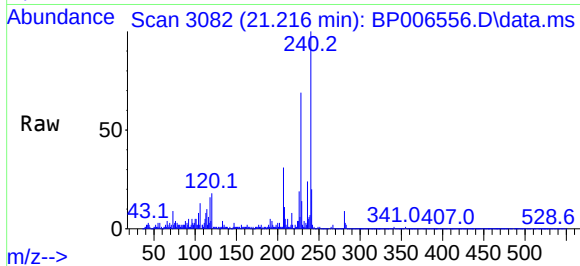




#81  
Benzo(a)anthracene  
Concen: 2.931 ng  
RT: 21.216 min Scan# 3082  
Delta R.T. -0.006 min  
Lab File: BP006556.D  
Acq: 07 Aug 2021 01:37

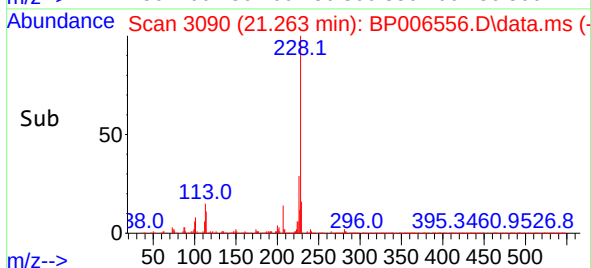
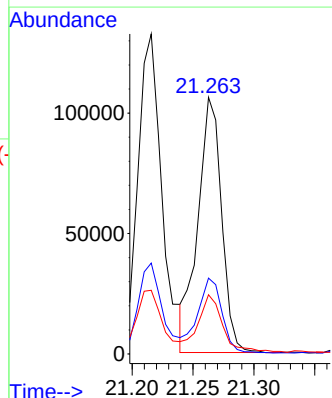
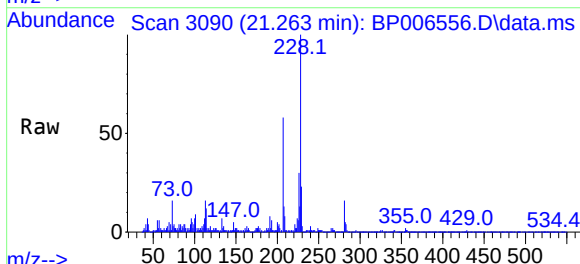
Instrument :  
BNA\_P  
ClientSampleId :  
20210589-AMENDED-COM-3

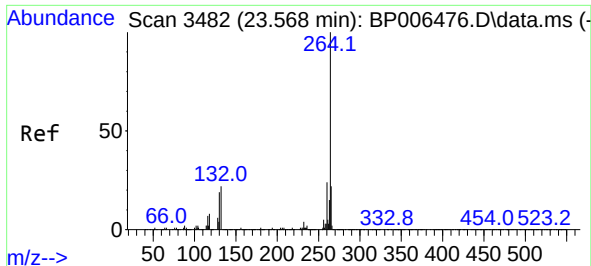
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 228   | Resp: | 182166 |
| Ion Ratio | Lower | Upper |        |
| 228       | 100   |       |        |
| 226       | 28.4  | 21.6  | 32.4   |
| 229       | 19.9  | 15.8  | 23.6   |



#83  
Chrysene  
Concen: 2.394 ng  
RT: 21.263 min Scan# 3090  
Delta R.T. -0.012 min  
Lab File: BP006556.D  
Acq: 07 Aug 2021 01:37

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 228   | Resp: | 144254 |
| Ion Ratio | Lower | Upper |        |
| 228       | 100   |       |        |
| 226       | 29.5  | 23.8  | 35.6   |
| 229       | 23.1  | 15.4  | 23.2   |

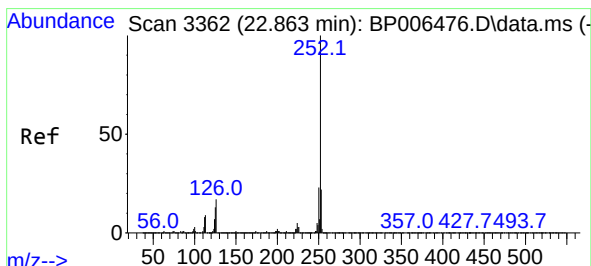
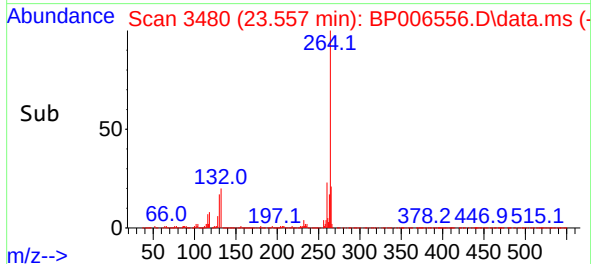
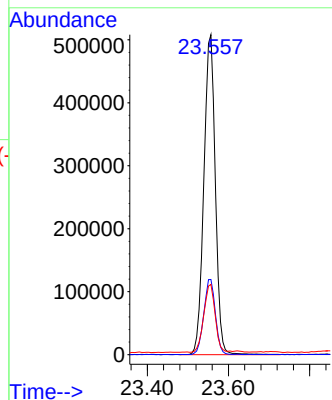
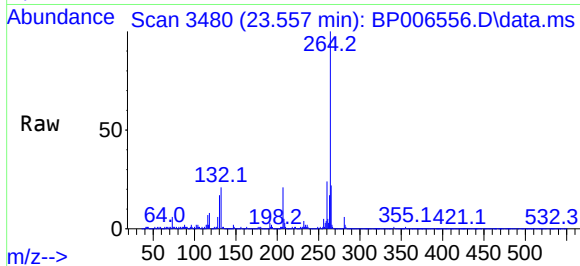




#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 23.557 min Scan# 3480  
 Delta R.T. -0.012 min  
 Lab File: BP006556.D  
 Acq: 07 Aug 2021 01:37

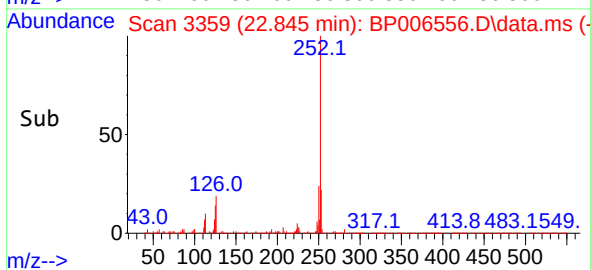
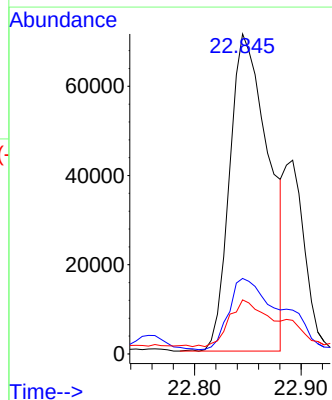
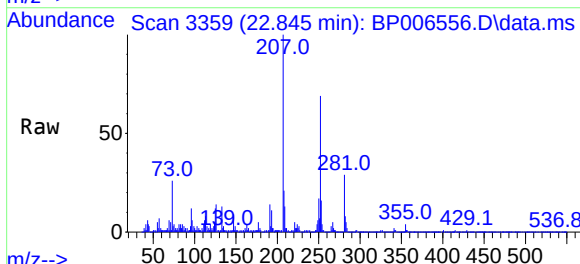
Instrument :  
 BNA\_P  
 ClientSampleId :  
 20210589-AMENDED-COM-3

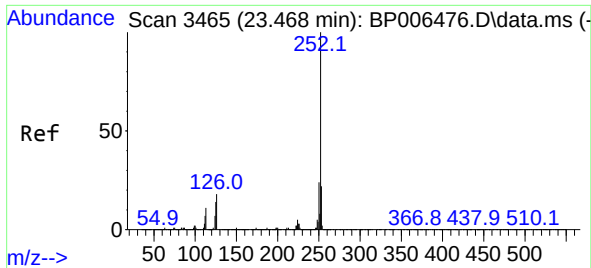
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 264   | Resp: | 998351 |
| Ion Ratio | Lower | Upper |        |
| 264       | 100   |       |        |
| 260       | 23.5  | 18.6  | 28.0   |
| 265       | 22.0  | 17.6  | 26.4   |



#88  
 Benzo(b)fluoranthene  
 Concen: 2.780 ng  
 RT: 22.845 min Scan# 3359  
 Delta R.T. -0.018 min  
 Lab File: BP006556.D  
 Acq: 07 Aug 2021 01:37

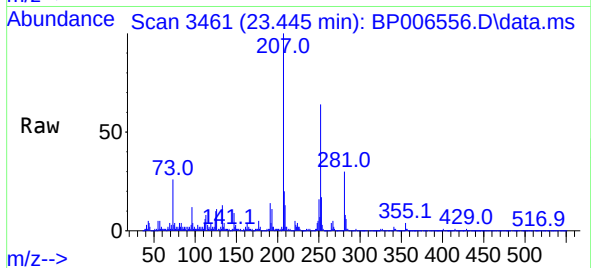
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 252   | Resp: | 180389 |
| Ion Ratio | Lower | Upper |        |
| 252       | 100   |       |        |
| 253       | 23.6  | 17.5  | 26.3   |
| 125       | 16.9  | 6.2   | 9.4    |





#90  
Benzo(a)pyrene  
Concen: 2.226 ng  
RT: 23.445 min Scan# 3461  
Delta R.T. -0.023 min  
Lab File: BP006556.D  
Acq: 07 Aug 2021 01:37

Instrument :  
BNA\_P  
ClientSampleId :  
20210589-AMENDED-COM-3



Tgt Ion:252 Resp: 129570  
Ion Ratio Lower Upper  
252 100  
253 26.1 17.9 26.9  
125 15.8 6.5 9.7#

