

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP081721\  
 Data File : BP006703.D  
 Acq On : 17 Aug 2021 02:36  
 Operator : CG/JU  
 Sample : M3425-02  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 20S

Quant Time: Aug 17 04:26:04 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP080321.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Aug 16 18:17:59 2021  
 Response via : Initial Calibration

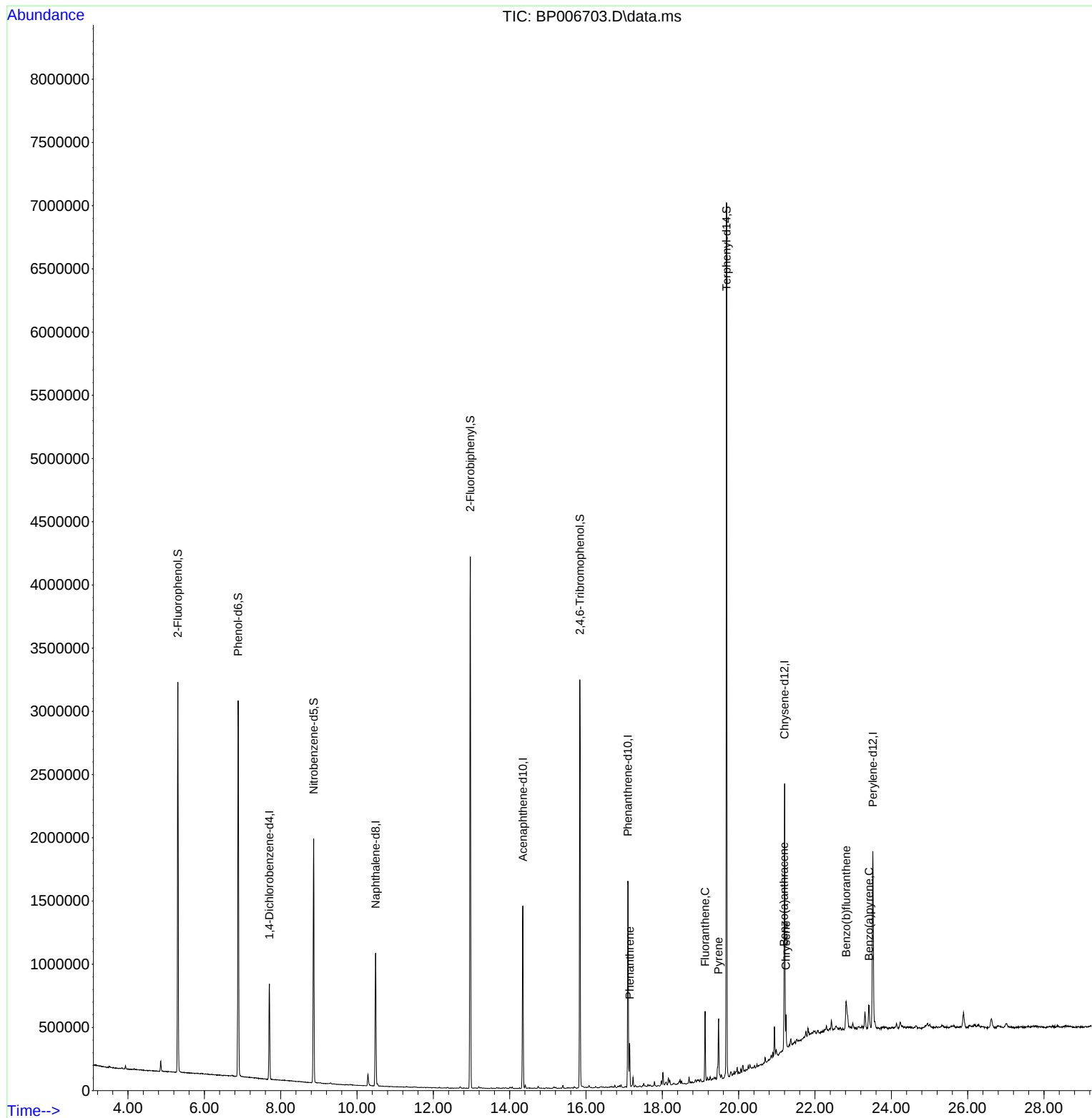
| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.705  | 152  | 186673   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.487 | 136  | 805216   | 20.000  | ng    | # 0.00   |
| 39) Acenaphthene-d10        | 14.345 | 164  | 444250   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.098 | 188  | 868000   | 20.000  | ng    | # 0.00   |
| 76) Chrysene-d12            | 21.204 | 240  | 827384   | 20.000  | ng    | # 0.00   |
| 86) Perylene-d12            | 23.516 | 264  | 876124   | 20.000  | ng    | -0.01    |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.305  | 112  | 1247589  | 102.651 | ng    | 0.00     |
| 7) Phenol-d6                | 6.887  | 99   | 1613139  | 93.437  | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 8.863  | 82   | 1110951  | 63.683  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 15.839 | 330  | 452925   | 97.552  | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 12.969 | 172  | 1899304  | 63.964  | ng    | 0.00     |
| 79) Terphenyl-d14           | 19.680 | 244  | 2649860  | 64.175  | ng    | 0.00     |
| Target Compounds            |        |      |          |         |       |          |
|                             |        |      |          |         |       | Qvalue   |
| 71) Phenanthrene            | 17.145 | 178  | 189618   | 3.873   | ng    | 98       |
| 75) Fluoranthene            | 19.122 | 202  | 279065   | 5.078   | ng    | 94       |
| 78) Pyrene                  | 19.475 | 202  | 257260   | 4.655   | ng    | 99       |
| 81) Benzo(a)anthracene      | 21.186 | 228  | 134753   | 2.492   | ng    | 98       |
| 83) Chrysene                | 21.239 | 228  | 128065   | 2.443   | ng    | 97       |
| 88) Benzo(b)fluoranthene    | 22.816 | 252  | 171854   | 3.018   | ng    | # 92     |
| 90) Benzo(a)pyrene          | 23.416 | 252  | 125500   | 2.457   | ng    | # 94     |
| -----                       |        |      |          |         |       |          |

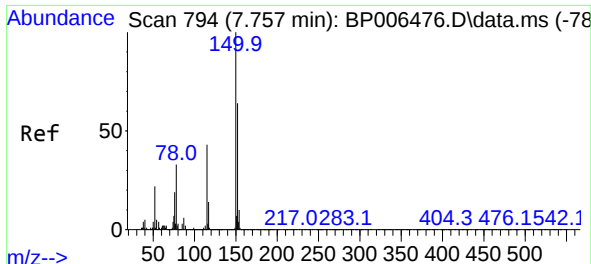
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : BP006703.D  
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Misc :  
ALS Vial : 18 Sample Multiplier: 1

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Quant Time: Aug 17 04:26:04 2021  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP080321.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Aug 16 18:17:59 2021  
Response via : Initial Calibration

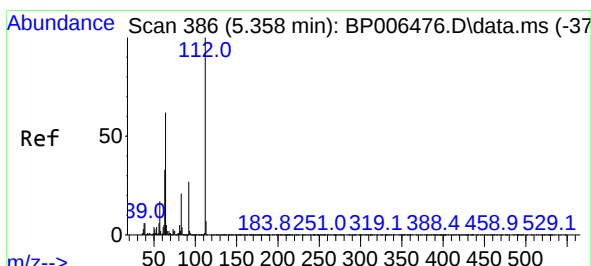
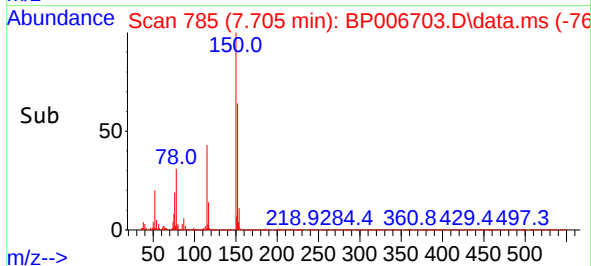
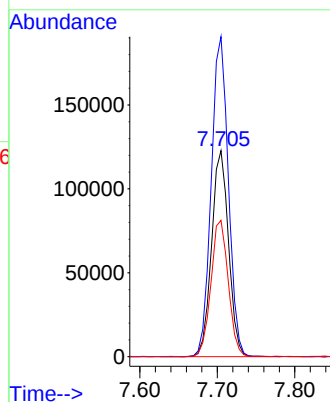
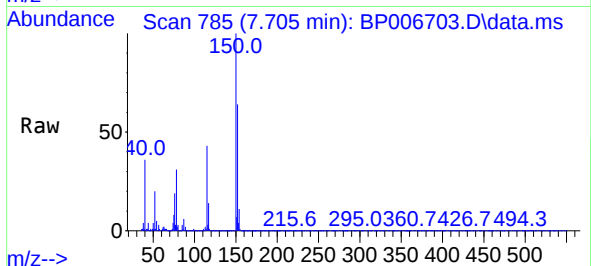




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.705 min Scan# 785  
Delta R.T. -0.000 min  
Lab File: BP006703.D  
Acq: 17 Aug 2021 02:36

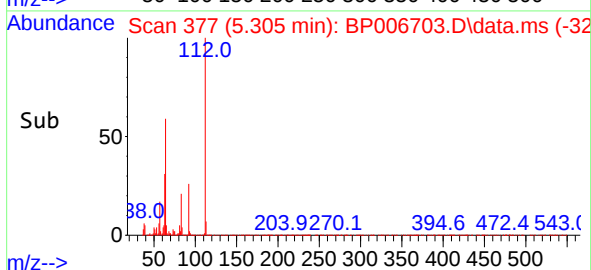
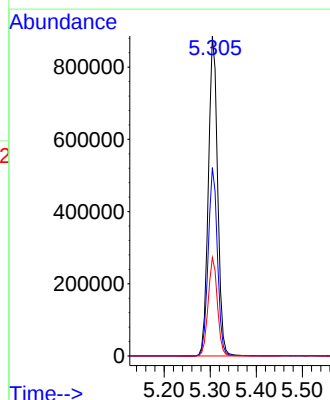
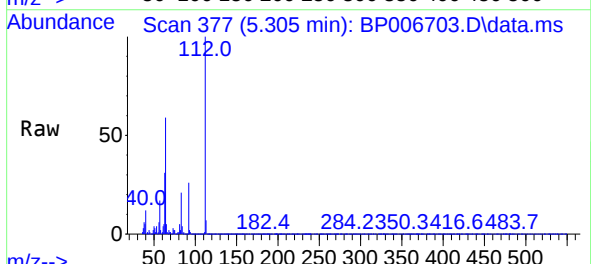
Instrument :  
BNA\_P  
ClientSampleId :  
20S

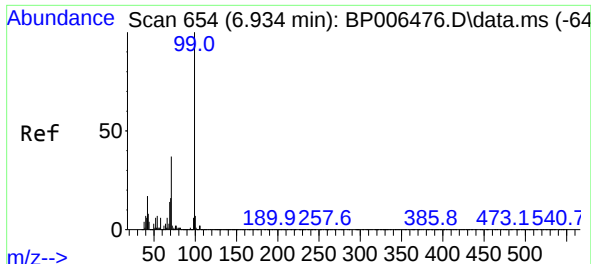
Tgt Ion:152 Resp: 186673  
Ion Ratio Lower Upper  
152 100  
150 155.3 125.6 188.4  
115 66.2 48.5 72.7



#5  
2-Fluorophenol  
Concen: 102.651 ng  
RT: 5.305 min Scan# 377  
Delta R.T. 0.000 min  
Lab File: BP006703.D  
Acq: 17 Aug 2021 02:36

Tgt Ion:112 Resp: 1247589  
Ion Ratio Lower Upper  
112 100  
64 58.9 41.4 62.2  
63 30.8 23.8 35.8

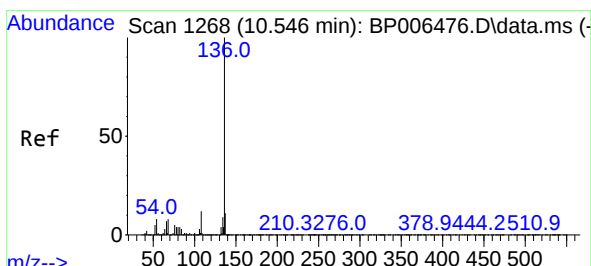
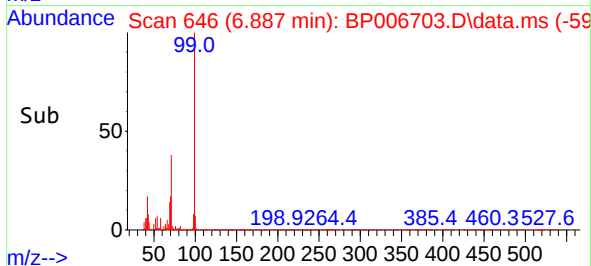
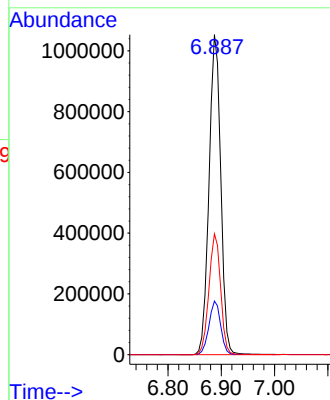
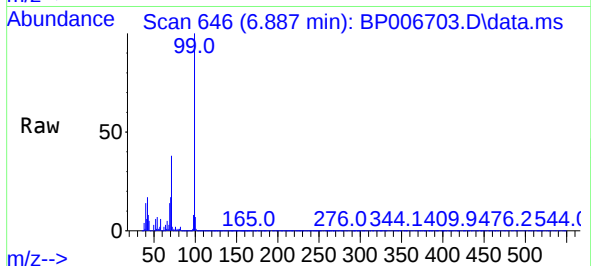




#7  
Phenol-d6  
Concen: 93.437 ng  
RT: 6.887 min Scan# 646  
Delta R.T. 0.000 min  
Lab File: BP006703.D  
Acq: 17 Aug 2021 02:36

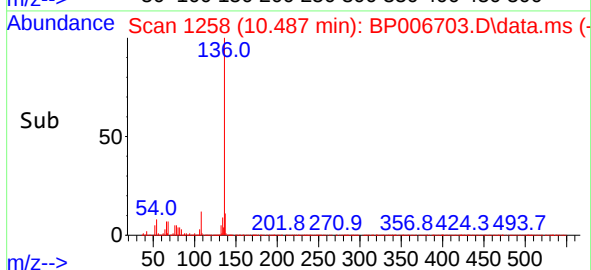
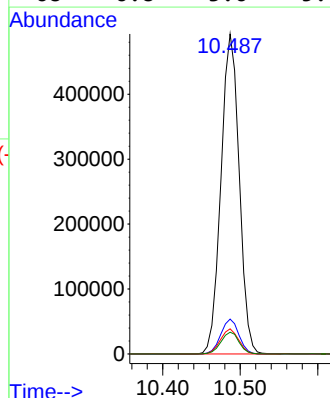
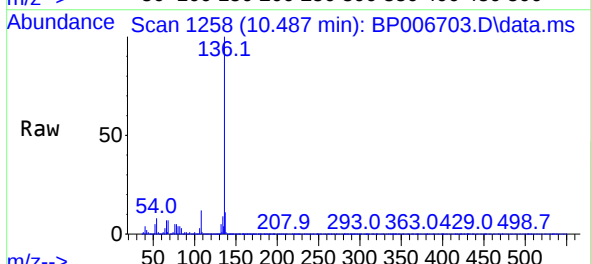
Instrument :  
BNA\_P  
ClientSampleId :  
20S

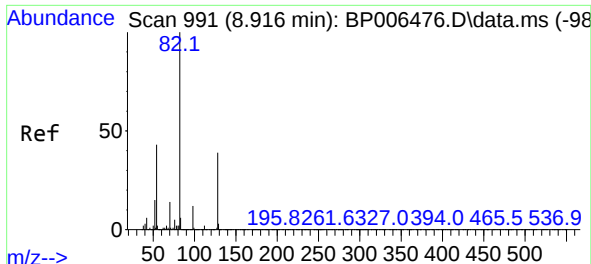
Tgt Ion: 99 Resp: 1613139  
Ion Ratio Lower Upper  
99 100  
42 16.7 13.4 20.0  
71 37.7 30.6 46.0



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.487 min Scan# 1258  
Delta R.T. -0.006 min  
Lab File: BP006703.D  
Acq: 17 Aug 2021 02:36

Tgt Ion: 136 Resp: 805216  
Ion Ratio Lower Upper  
136 100  
137 10.9 8.6 12.8  
54 7.9 4.6 6.8#  
68 6.8 3.6 5.4#

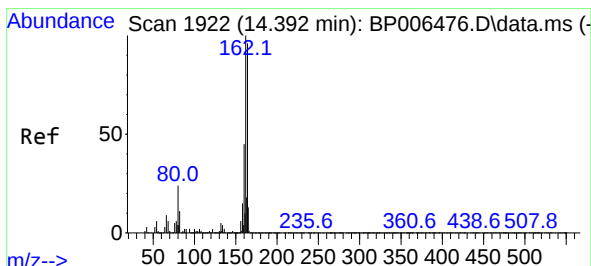
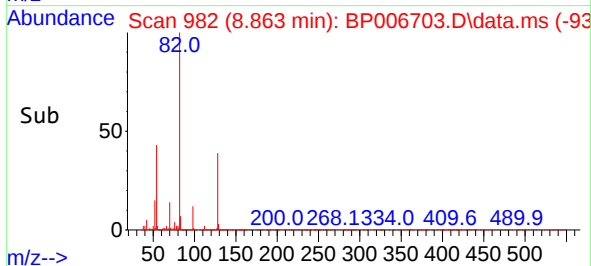
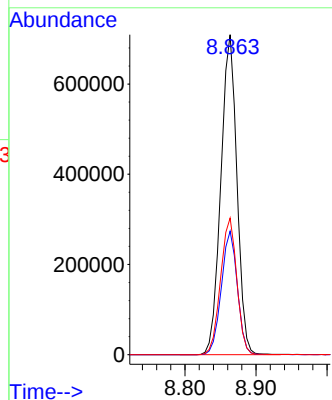
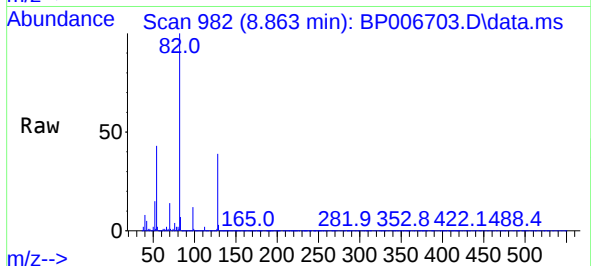




#23  
Nitrobenzene-d5  
Concen: 63.683 ng  
RT: 8.863 min Scan# 982  
Delta R.T. 0.000 min  
Lab File: BP006703.D  
Acq: 17 Aug 2021 02:36

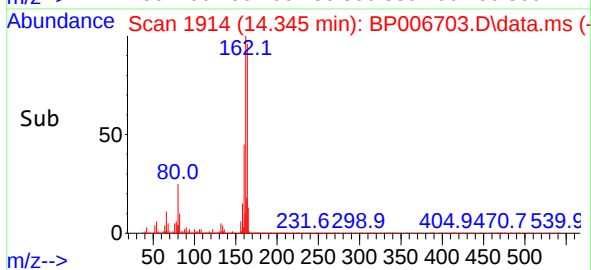
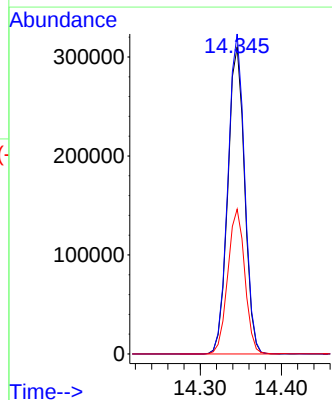
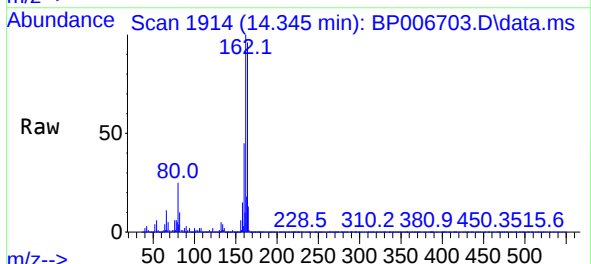
Instrument :  
BNA\_P  
ClientSampled :  
20S

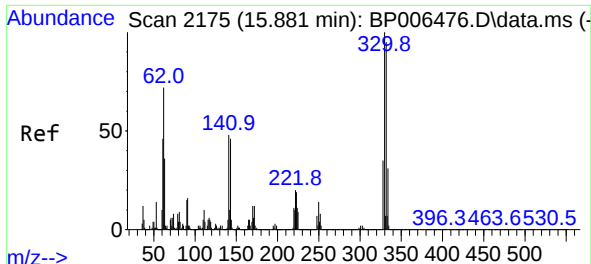
Tgt Ion: 82 Resp: 1110951  
Ion Ratio Lower Upper  
82 100  
128 38.6 35.7 53.5  
54 42.7 35.0 52.4



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.345 min Scan# 1914  
Delta R.T. 0.000 min  
Lab File: BP006703.D  
Acq: 17 Aug 2021 02:36

Tgt Ion: 164 Resp: 444250  
Ion Ratio Lower Upper  
164 100  
162 104.3 80.2 120.2  
160 47.2 34.5 51.7

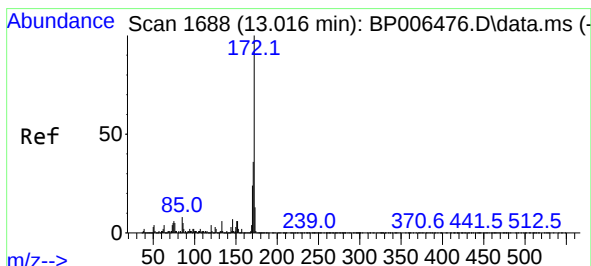
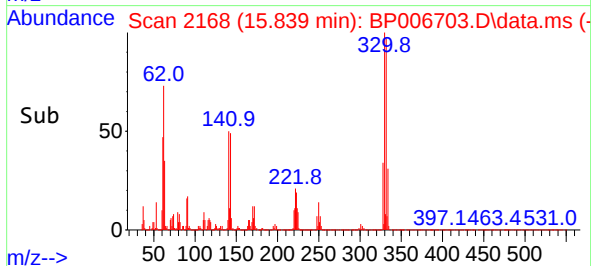
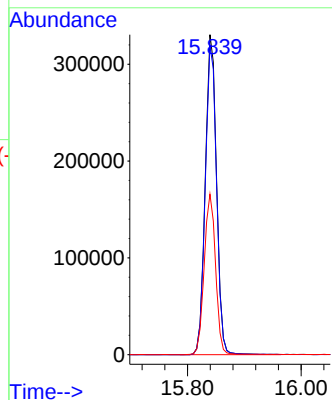
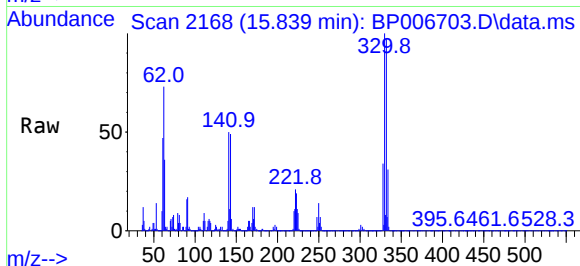




#42  
2,4,6-Tribromophenol  
Concen: 97.552 ng  
RT: 15.839 min Scan# 2168  
Delta R.T. -0.006 min  
Lab File: BP006703.D  
Acq: 17 Aug 2021 02:36

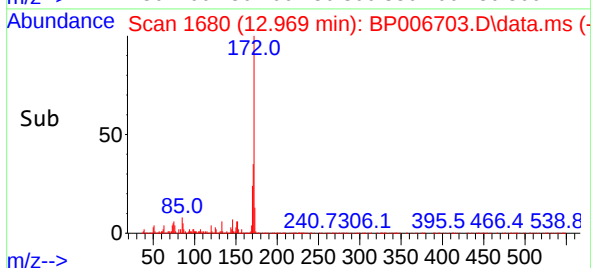
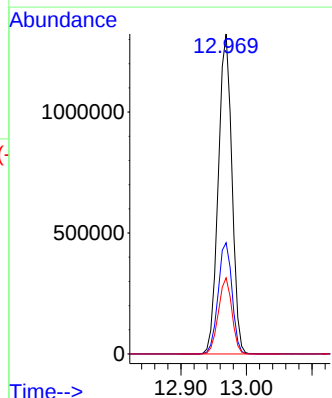
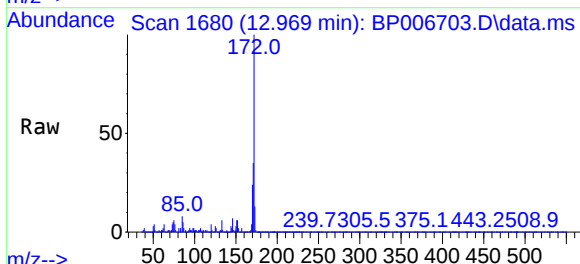
Instrument :  
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ClientSampleId :  
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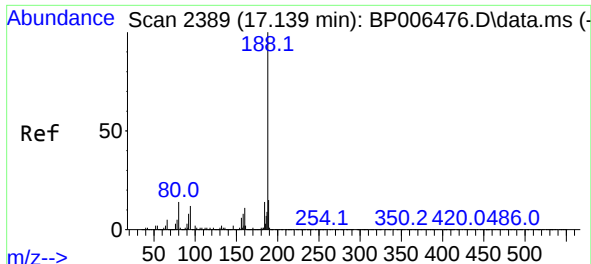
Tgt Ion:330 Resp: 452925  
Ion Ratio Lower Upper  
330 100  
332 97.1 77.8 116.8  
141 50.9 25.4 38.2#



#45  
2-Fluorobiphenyl  
Concen: 63.964 ng  
RT: 12.969 min Scan# 1680  
Delta R.T. 0.000 min  
Lab File: BP006703.D  
Acq: 17 Aug 2021 02:36

Tgt Ion:172 Resp: 1899304  
Ion Ratio Lower Upper  
172 100  
171 34.8 27.9 41.9  
170 23.8 18.6 27.8

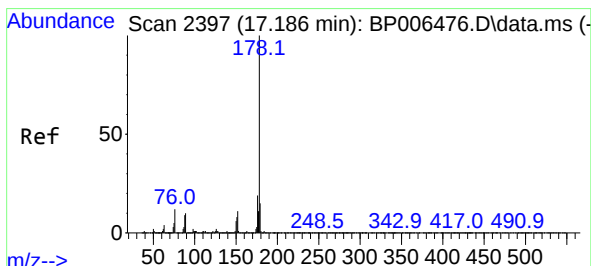
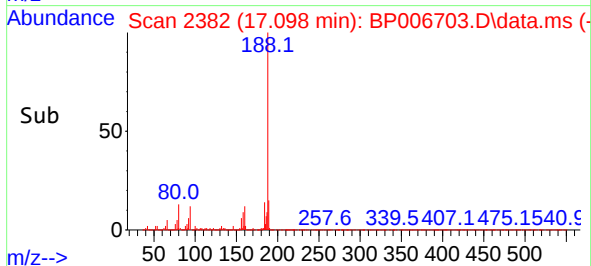
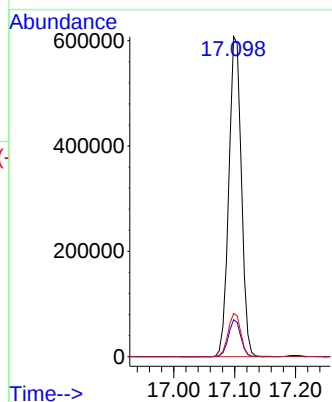
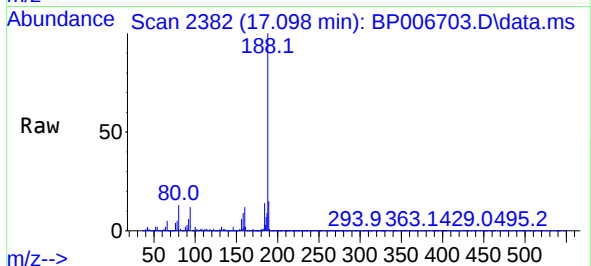




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.098 min Scan# 2382  
Delta R.T. -0.006 min  
Lab File: BP006703.D  
Acq: 17 Aug 2021 02:36

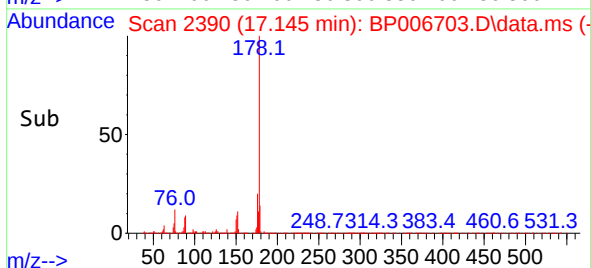
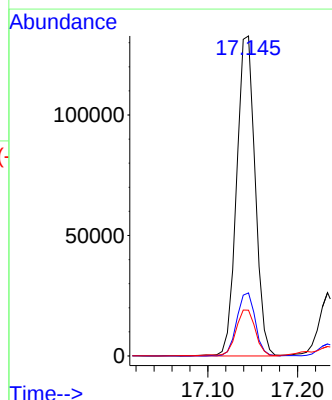
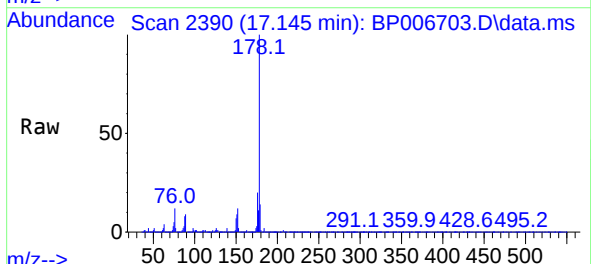
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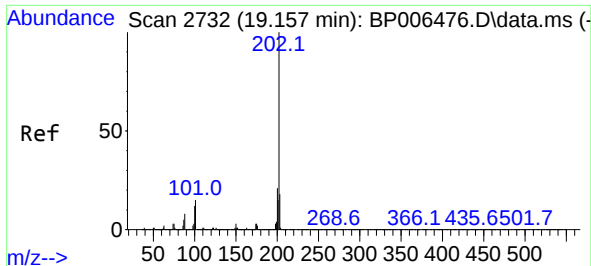
Tgt Ion:188 Resp: 868000  
Ion Ratio Lower Upper  
188 100  
94 11.6 5.6 8.4#  
80 13.5 6.3 9.5#



#71  
Phenanthrene  
Concen: 3.873 ng  
RT: 17.145 min Scan# 2390  
Delta R.T. 0.000 min  
Lab File: BP006703.D  
Acq: 17 Aug 2021 02:36

Tgt Ion:178 Resp: 189618  
Ion Ratio Lower Upper  
178 100  
176 19.7 15.1 22.7  
179 14.3 12.4 18.6

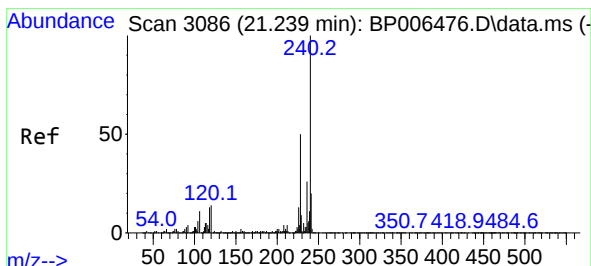
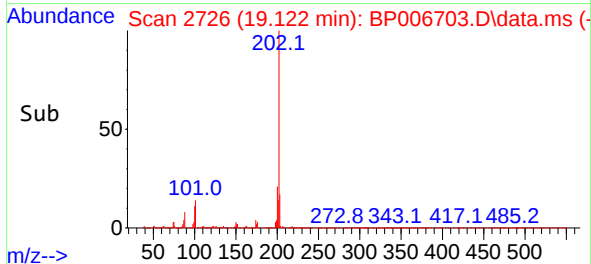
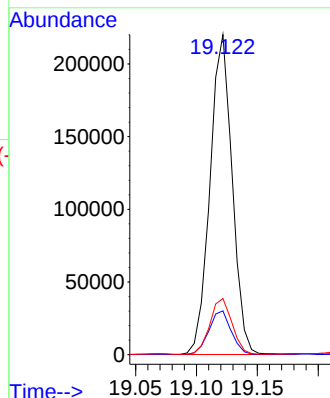
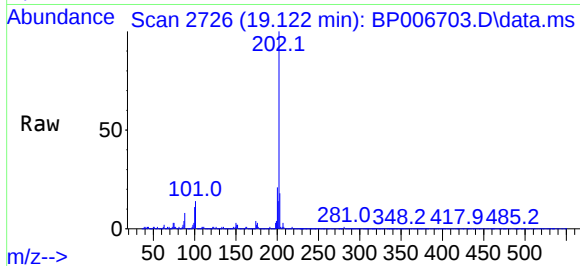




#75  
Fluoranthene  
Concen: 5.078 ng  
RT: 19.122 min Scan# 2726  
Delta R.T. -0.006 min  
Lab File: BP006703.D  
Acq: 17 Aug 2021 02:36

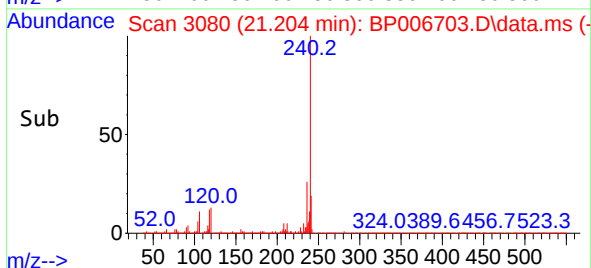
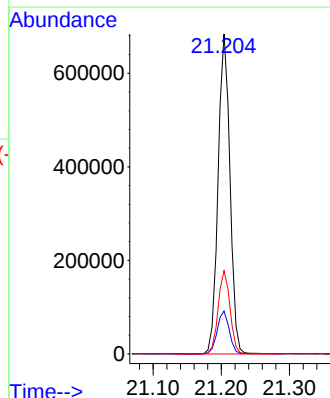
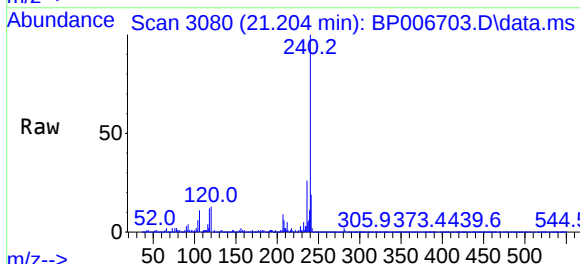
Instrument :  
BNA\_P  
ClientSampleId :  
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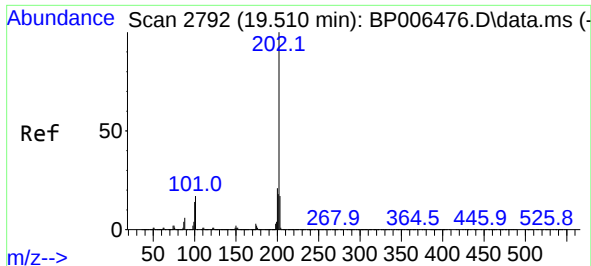
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|----------|-------|-------|--------|
| Tgt Ion: | 202   | Resp: | 279065 |
| Ion      | Ratio | Lower | Upper  |
| 202      | 100   |       |        |
| 101      | 13.7  | 0.0   | 27.6   |
| 203      | 17.5  | 0.0   | 37.8   |



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.204 min Scan# 3080  
Delta R.T. -0.006 min  
Lab File: BP006703.D  
Acq: 17 Aug 2021 02:36

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 240   | Resp: | 827384 |
| Ion      | Ratio | Lower | Upper  |
| 240      | 100   |       |        |
| 120      | 13.4  | 6.5   | 9.7#   |
| 236      | 26.0  | 20.6  | 31.0   |

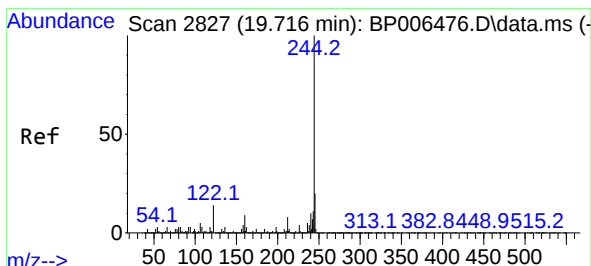
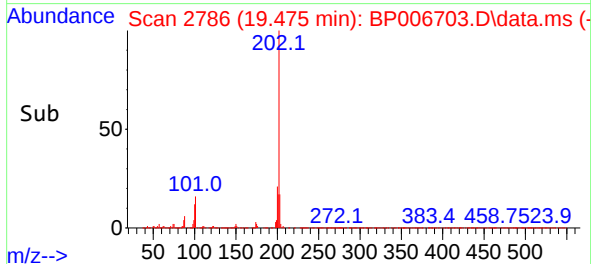
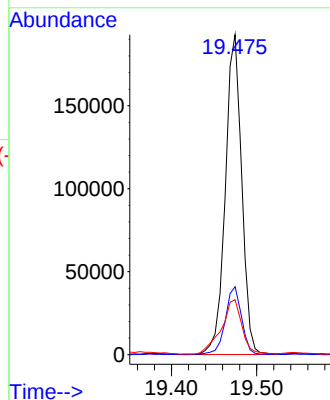
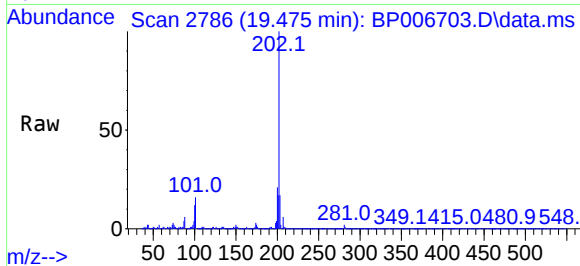




#78  
Pyrene  
Concen: 4.655 ng  
RT: 19.475 min Scan# 2786  
Delta R.T. -0.006 min  
Lab File: BP006703.D  
Acq: 17 Aug 2021 02:36

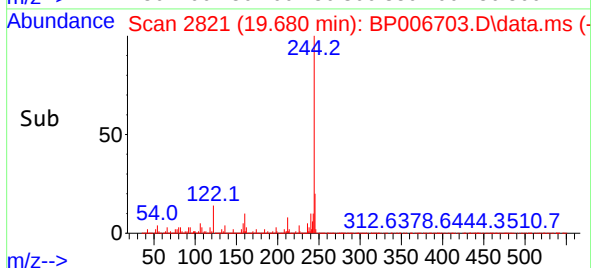
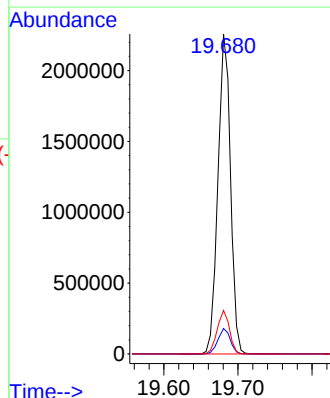
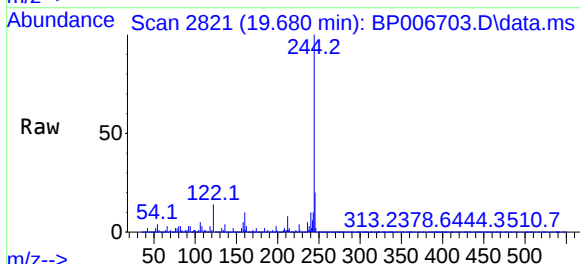
Instrument :  
BNA\_P  
ClientSampleId :  
20S

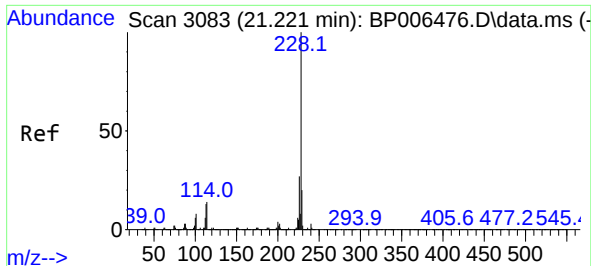
Tgt Ion:202 Resp: 257260  
Ion Ratio Lower Upper  
202 100  
200 21.2 16.3 24.5  
203 17.2 14.2 21.2



#79  
Terphenyl-d14  
Concen: 64.175 ng  
RT: 19.680 min Scan# 2821  
Delta R.T. -0.006 min  
Lab File: BP006703.D  
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Tgt Ion:244 Resp: 2649860  
Ion Ratio Lower Upper  
244 100  
212 8.0 6.0 9.0  
122 13.6 7.1 10.7#

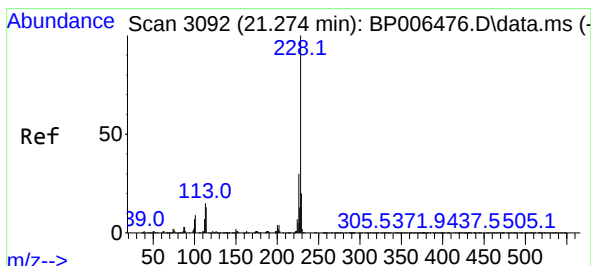
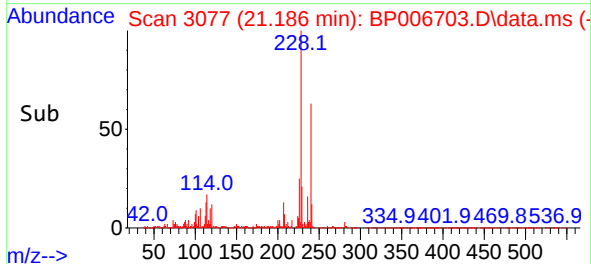
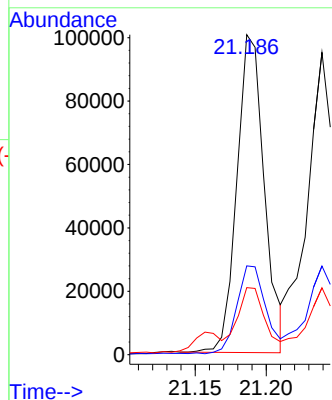
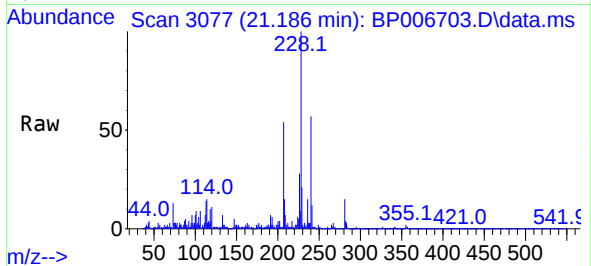




#81  
Benzo(a)anthracene  
Concen: 2.492 ng  
RT: 21.186 min Scan# 3077  
Delta R.T. -0.012 min  
Lab File: BP006703.D  
Acq: 17 Aug 2021 02:36

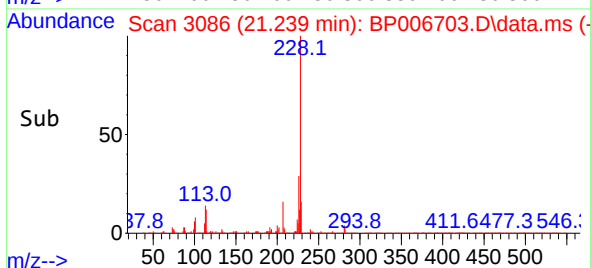
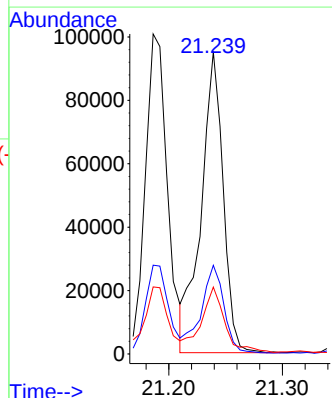
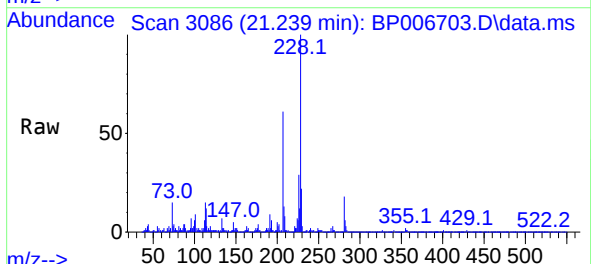
Instrument :  
BNA\_P  
ClientSampled :  
20S

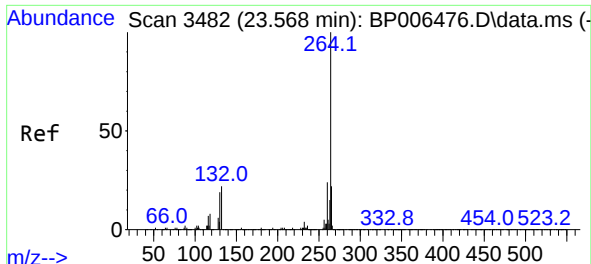
Tgt Ion:228 Resp: 134753  
Ion Ratio Lower Upper  
228 100  
226 27.8 21.6 32.4  
229 21.0 15.8 23.6



#83  
Chrysene  
Concen: 2.443 ng  
RT: 21.239 min Scan# 3086  
Delta R.T. -0.012 min  
Lab File: BP006703.D  
Acq: 17 Aug 2021 02:36

Tgt Ion:228 Resp: 128065  
Ion Ratio Lower Upper  
228 100  
226 29.3 23.8 35.6  
229 22.1 15.4 23.2

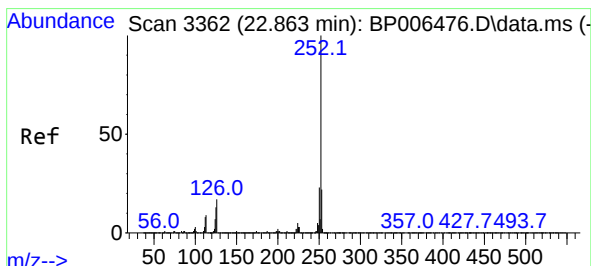
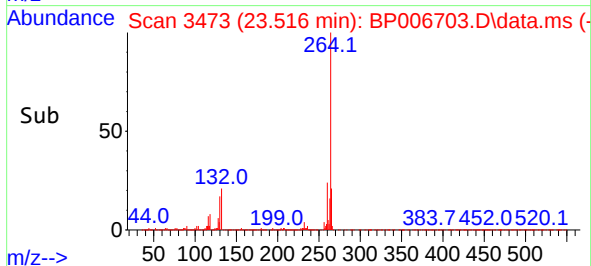
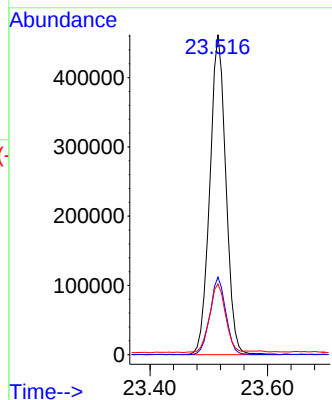
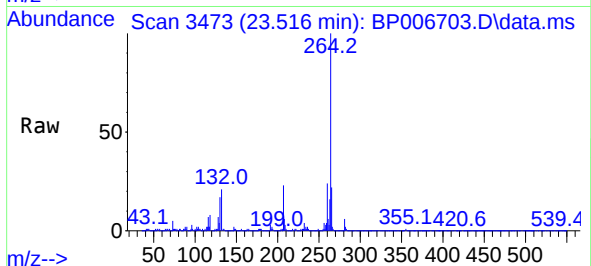




#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 23.516 min Scan# 3473  
Delta R.T. -0.012 min  
Lab File: BP006703.D  
Acq: 17 Aug 2021 02:36

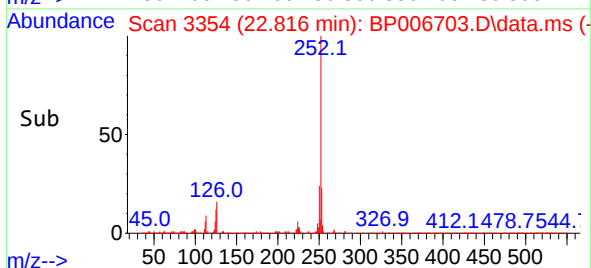
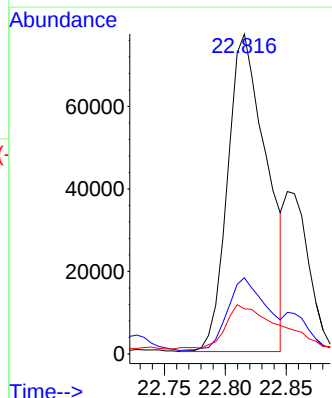
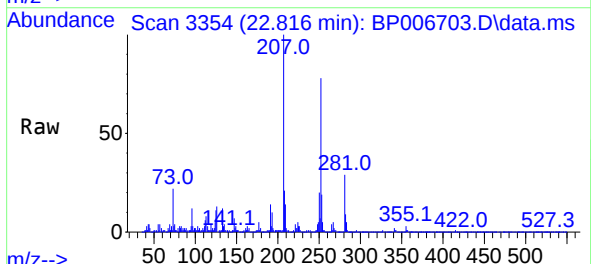
Instrument :  
BNA\_P  
ClientSampled :  
20S

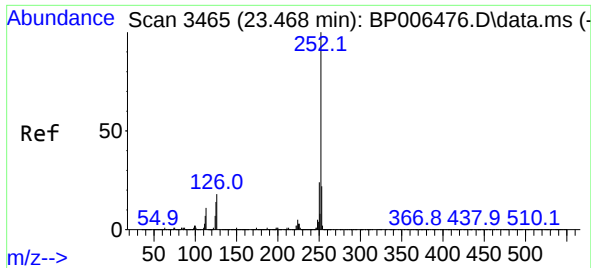
Tgt Ion:264 Resp: 876124  
Ion Ratio Lower Upper  
264 100  
260 24.3 18.6 28.0  
265 22.1 17.6 26.4



#88  
Benzo(b)fluoranthene  
Concen: 3.018 ng  
RT: 22.816 min Scan# 3354  
Delta R.T. -0.006 min  
Lab File: BP006703.D  
Acq: 17 Aug 2021 02:36

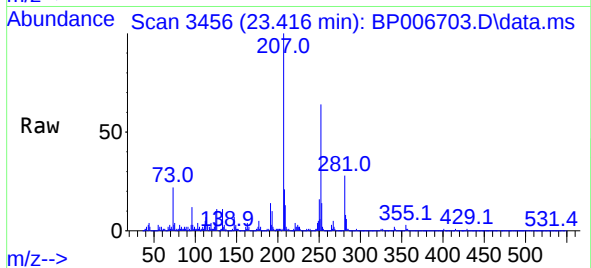
Tgt Ion:252 Resp: 171854  
Ion Ratio Lower Upper  
252 100  
253 23.8 17.5 26.3  
125 14.1 6.2 9.4#





#90  
Benzo(a)pyrene  
Concen: 2.457 ng  
RT: 23.416 min Scan# 3456  
Delta R.T. -0.006 min  
Lab File: BP006703.D  
Acq: 17 Aug 2021 02:36

Instrument :  
BNA\_P  
ClientSampleId :  
20S



Tgt Ion:252 Resp: 125500  
Ion Ratio Lower Upper  
252 100  
253 22.4 17.9 26.9  
125 15.5 6.5 9.7#

