

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP062821\  
 Data File : BP006081.D  
 Acq On : 28 Jun 2021 17:15  
 Operator : CG/JU  
 Sample : M2866-01  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 124055

Quant Time: Jun 29 02:04:53 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP060821.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jun 28 11:34:30 2021  
 Response via : Initial Calibration

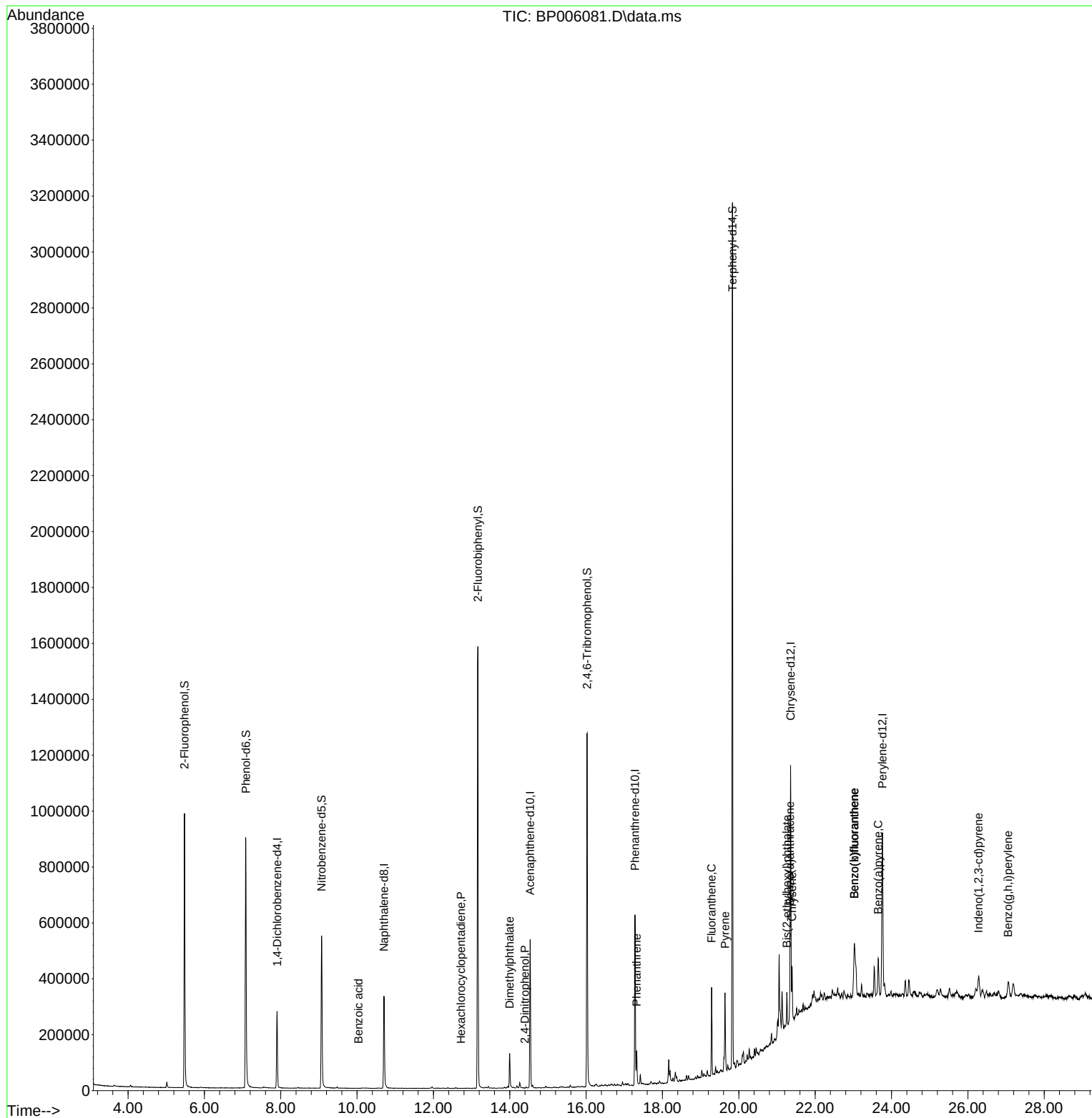
| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.905  | 152  | 77979    | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.704 | 136  | 301735   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.534 | 164  | 182052   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.281 | 188  | 369360   | 20.000 | ng    | # 0.00   |
| 76) Chrysene-d12              | 21.357 | 240  | 412153   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 23.763 | 264  | 460657   | 20.000 | ng    | 0.00     |
|                               |        |      |          |        |       |          |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.481  | 112  | 470032   | 96.722 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.087  | 99   | 588830   | 93.483 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.069  | 82   | 354824   | 57.653 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.028 | 330  | 284009   | 90.908 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.163 | 172  | 828555   | 59.763 | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.833 | 244  | 1361144  | 61.839 | ng    | 0.00     |
|                               |        |      |          |        |       |          |
| Target Compounds              |        |      |          |        |       | Qvalue   |
| 32) Benzoic acid              | 10.040 | 122  | 27       | 6.326  | ng    | # 63     |
| 41) Hexachlorocyclopentadiene | 12.722 | 237  | 10       | 5.507  | ng    | 78       |
| 50) Dimethylphthalate         | 13.998 | 163  | 84323    | 5.633  | ng    | 99       |
| 54) 2,4-Dinitrophenol         | 14.398 | 184  | 17       | 4.857  | ng    | 95       |
| 71) Phenanthrene              | 17.322 | 178  | 70753    | 3.190  | ng    | 99       |
| 75) Fluoranthene              | 19.286 | 202  | 179747   | 6.673  | ng    | 98       |
| 78) Pyrene                    | 19.639 | 202  | 174425   | 6.062  | ng    | 99       |
| 81) Benzo(a)anthracene        | 21.339 | 228  | 100648   | 3.383  | ng    | 98       |
| 83) Chrysene                  | 21.392 | 228  | 116975   | 4.059  | ng    | 97       |
| 84) Bis(2-ethylhexyl)phtha... | 21.257 | 149  | 42092    | 2.425  | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene    | 26.280 | 276  | 85395    | 2.168  | ng    | 98       |
| 88) Benzo(b)fluoranthene      | 23.027 | 252  | 174165   | 5.520  | ng    | # 94     |
| 89) Benzo(k)fluoranthene      | 23.027 | 252  | 174165   | 5.693  | ng    | # 94     |
| 90) Benzo(a)pyrene            | 23.651 | 252  | 108467   | 3.657  | ng    | # 95     |
| 92) Benzo(g,h,i)perylene      | 27.057 | 276  | 83686    | 2.499  | ng    | 96       |
| -----                         |        |      |          |        |       |          |

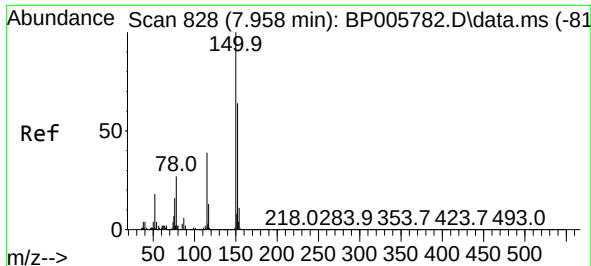
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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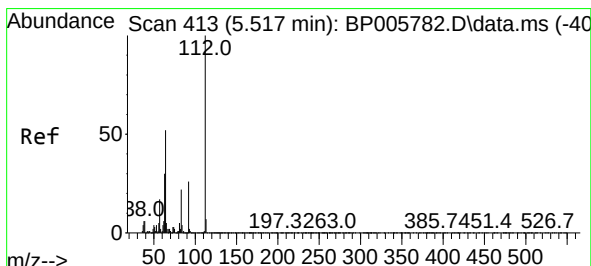
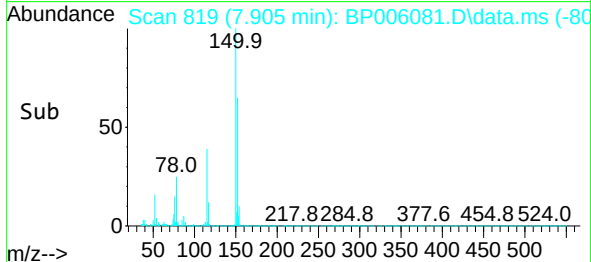
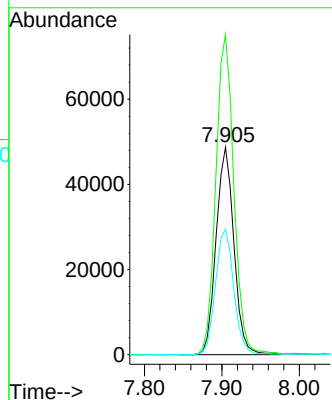
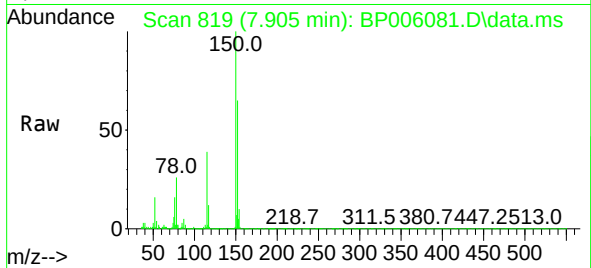




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.905 min Scan# 819  
Delta R.T. -0.000 min  
Lab File: BP006081.D  
Acq: 28 Jun 2021 17:15

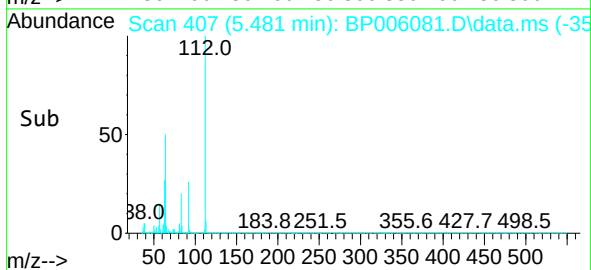
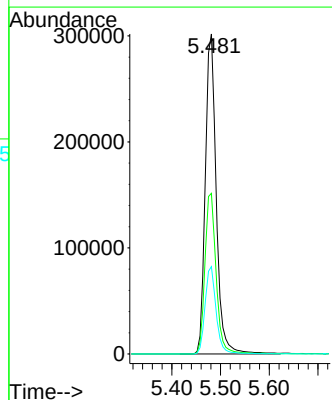
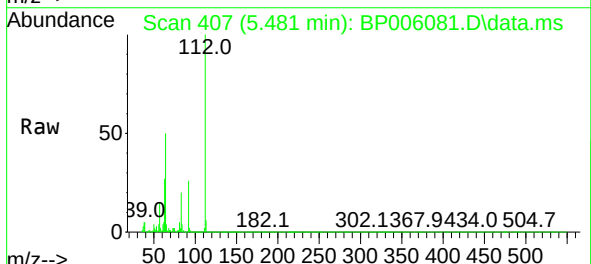
Instrument :  
BNA\_P  
ClientSampleId :  
124055

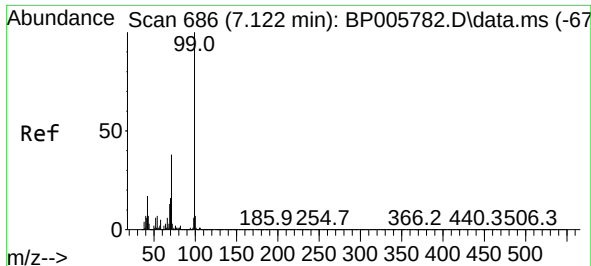
Tgt Ion:152 Resp: 77979  
Ion Ratio Lower Upper  
152 100  
150 154.3 125.6 188.4  
115 60.5 48.5 72.7



#5  
2-Fluorophenol  
Concen: 96.722 ng  
RT: 5.481 min Scan# 407  
Delta R.T. 0.006 min  
Lab File: BP006081.D  
Acq: 28 Jun 2021 17:15

Tgt Ion:112 Resp: 470032  
Ion Ratio Lower Upper  
112 100  
64 50.2 41.4 62.2  
63 27.3 23.8 35.8

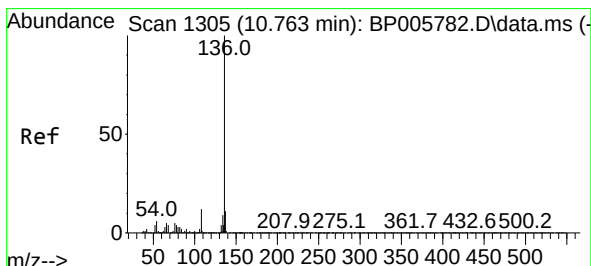
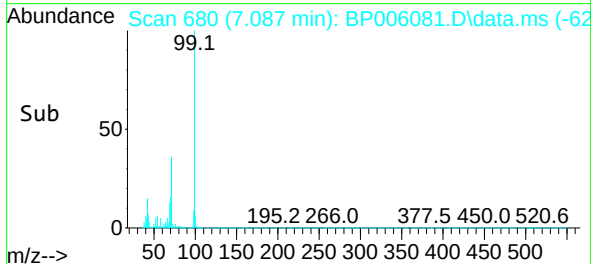
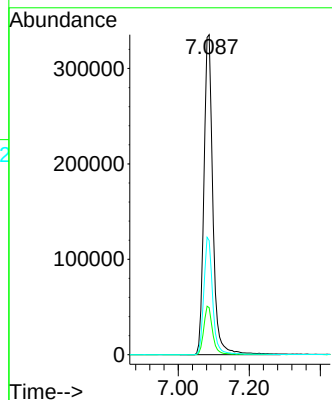
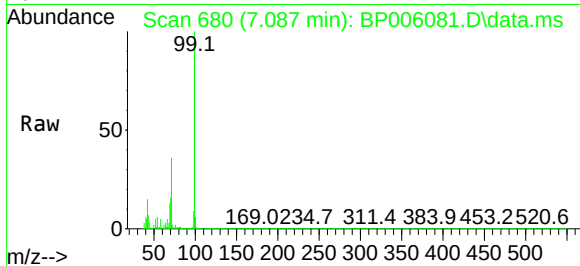




#7  
Phenol-d6  
Concen: 93.483 ng  
RT: 7.087 min Scan# 680  
Delta R.T. 0.006 min  
Lab File: BP006081.D  
Acq: 28 Jun 2021 17:15

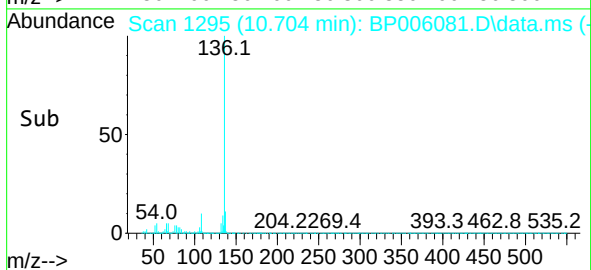
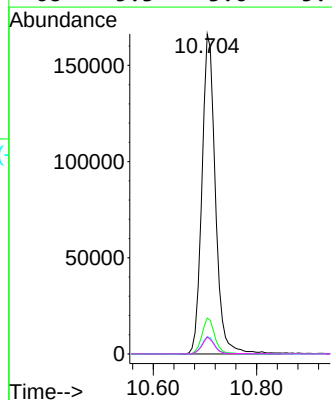
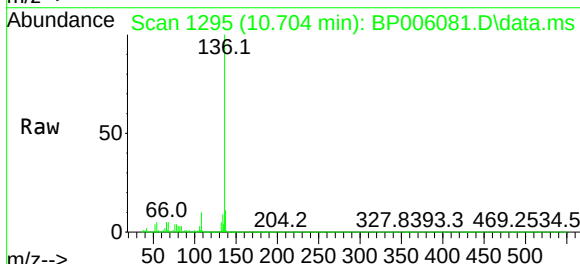
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ClientSampleId :  
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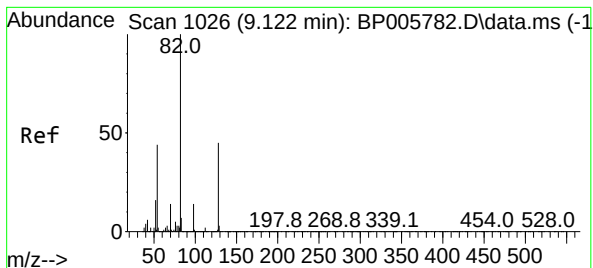
Tgt Ion: 99 Resp: 588830  
Ion Ratio Lower Upper  
99 100  
42 14.7 13.4 20.0  
71 35.7 30.6 46.0



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.704 min Scan# 1295  
Delta R.T. -0.006 min  
Lab File: BP006081.D  
Acq: 28 Jun 2021 17:15

Tgt Ion: 136 Resp: 301735  
Ion Ratio Lower Upper  
136 100  
137 11.2 8.6 12.8  
54 5.4 4.6 6.8  
68 5.3 3.6 5.4

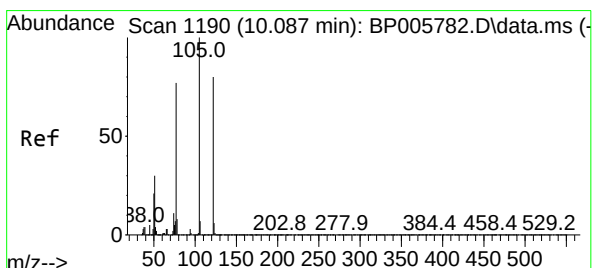
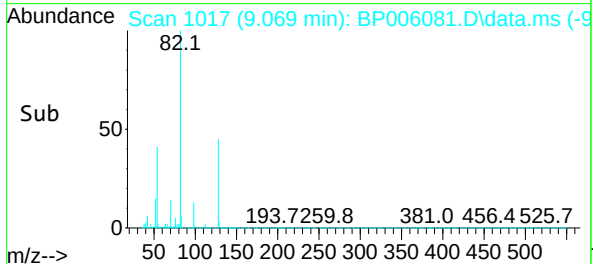
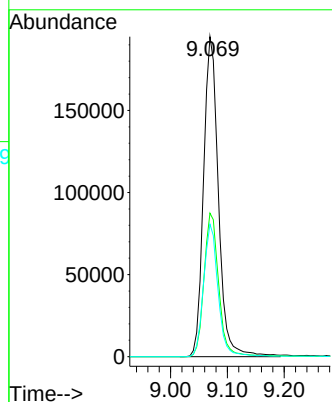
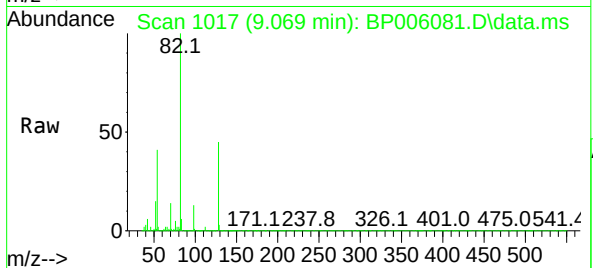




#23  
Nitrobenzene-d5  
Concen: 57.653 ng  
RT: 9.069 min Scan# 1017  
Delta R.T. -0.006 min  
Lab File: BP006081.D  
Acq: 28 Jun 2021 17:15

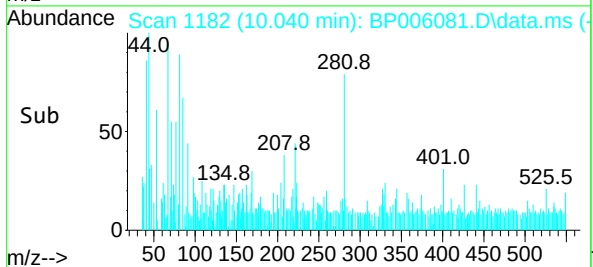
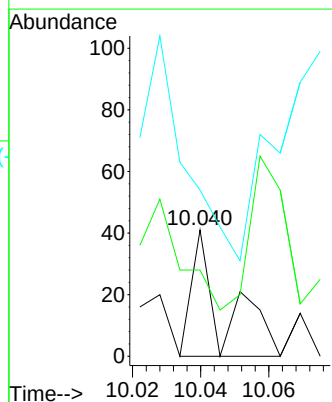
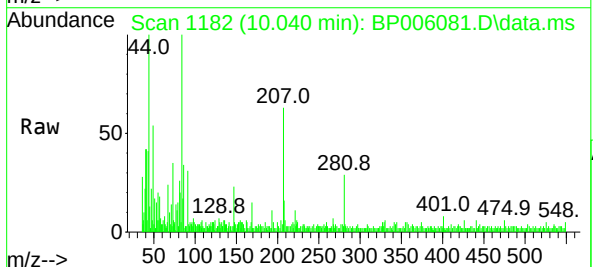
Instrument :  
BNA\_P  
ClientSampleId :  
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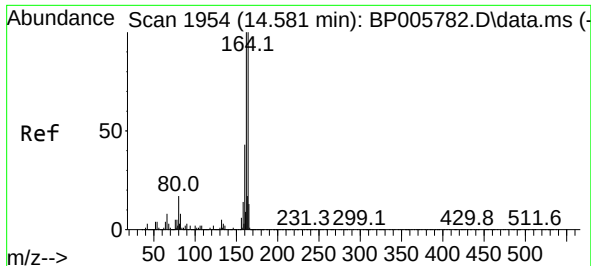
Tgt Ion: 82 Resp: 354824  
Ion Ratio Lower Upper  
82 100  
128 44.9 35.7 53.5  
54 41.4 35.0 52.4



#32  
Benzoic acid  
Concen: 6.326 ng  
RT: 10.040 min Scan# 1182  
Delta R.T. -0.041 min  
Lab File: BP006081.D  
Acq: 28 Jun 2021 17:15

Tgt Ion: 122 Resp: 27  
Ion Ratio Lower Upper  
122 100  
105 50.0 103.2 143.2#  
77 96.4 76.2 116.2

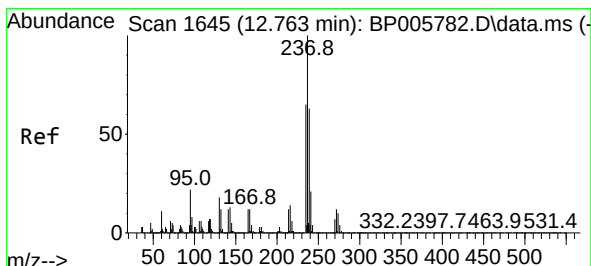
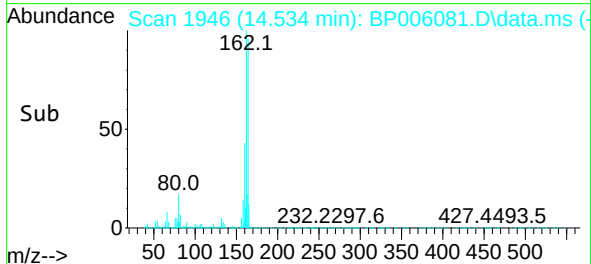
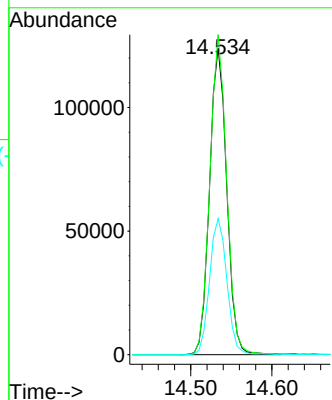
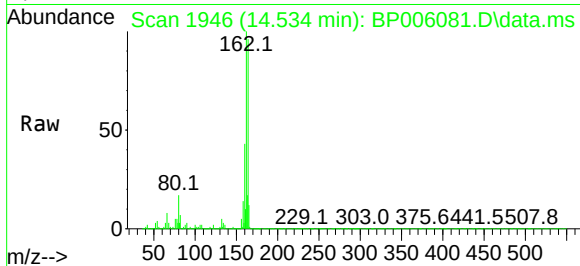




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.534 min Scan# 1946  
Delta R.T. 0.000 min  
Lab File: BP006081.D  
Acq: 28 Jun 2021 17:15

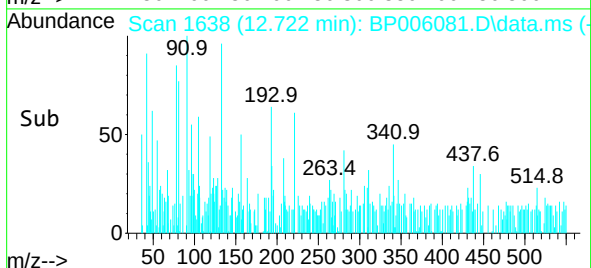
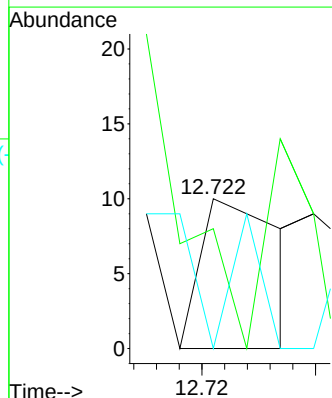
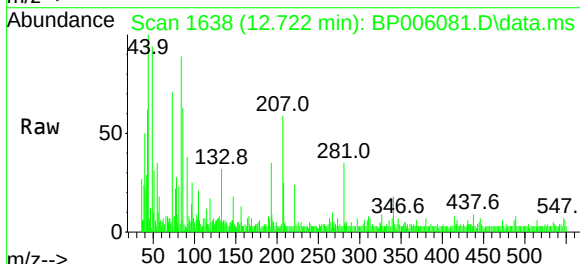
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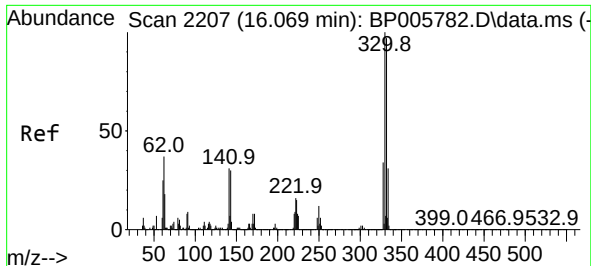
Tgt Ion:164 Resp: 182052  
Ion Ratio Lower Upper  
164 100  
162 104.5 80.2 120.2  
160 44.5 34.5 51.7



#41  
Hexachlorocyclopentadiene  
Concen: 5.507 ng  
RT: 12.722 min Scan# 1638  
Delta R.T. 0.012 min  
Lab File: BP006081.D  
Acq: 28 Jun 2021 17:15

Tgt Ion:237 Resp: 10  
Ion Ratio Lower Upper  
237 100  
235 80.0 44.5 84.5  
272 0.0 0.0 32.5

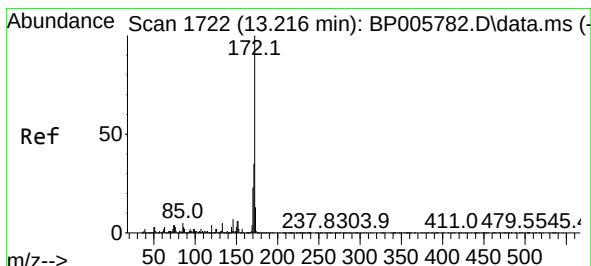
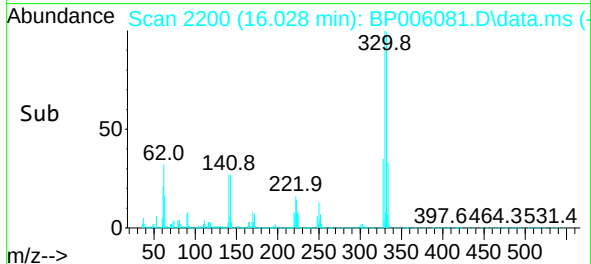
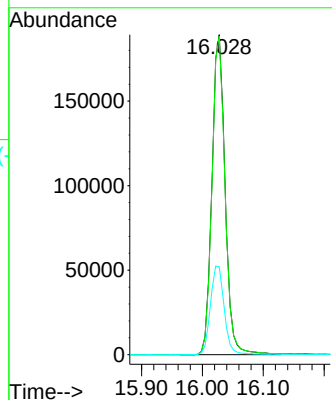
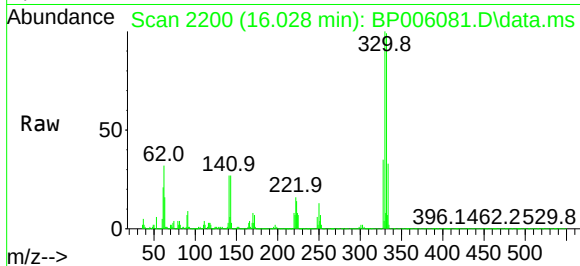




#42  
2,4,6-Tribromophenol  
Concen: 90.908 ng  
RT: 16.028 min Scan# 2200  
Delta R.T. 0.000 min  
Lab File: BP006081.D  
Acq: 28 Jun 2021 17:15

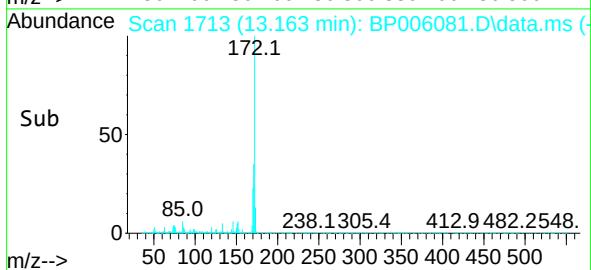
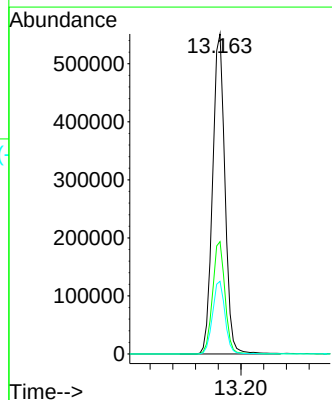
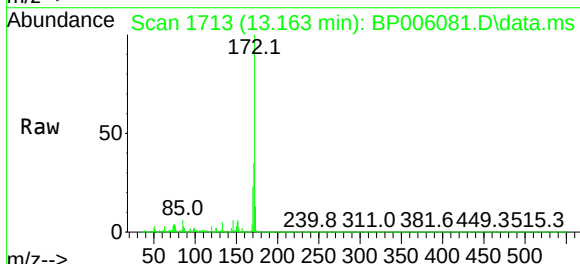
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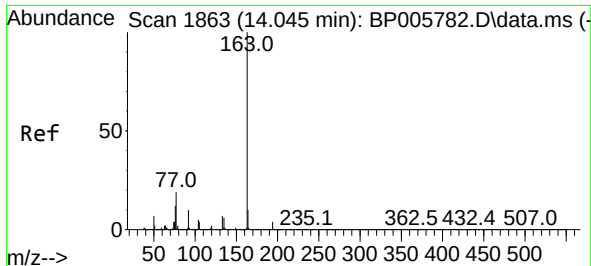
Tgt Ion:330 Resp: 284009  
Ion Ratio Lower Upper  
330 100  
332 99.3 77.8 116.8  
141 29.1 25.4 38.2



#45  
2-Fluorobiphenyl  
Concen: 59.763 ng  
RT: 13.163 min Scan# 1713  
Delta R.T. 0.000 min  
Lab File: BP006081.D  
Acq: 28 Jun 2021 17:15

Tgt Ion:172 Resp: 828555  
Ion Ratio Lower Upper  
172 100  
171 35.1 27.9 41.9  
170 22.7 18.6 27.8

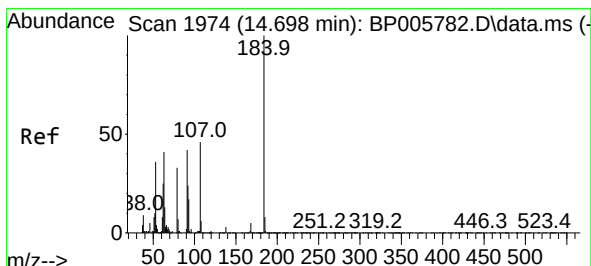
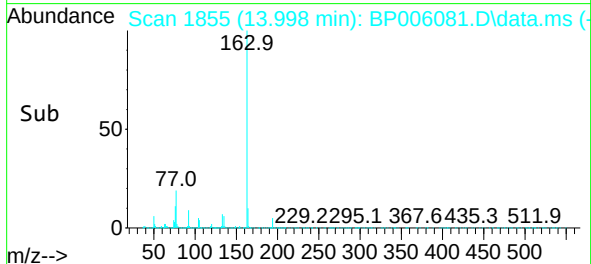
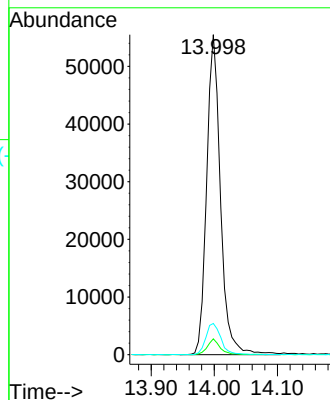
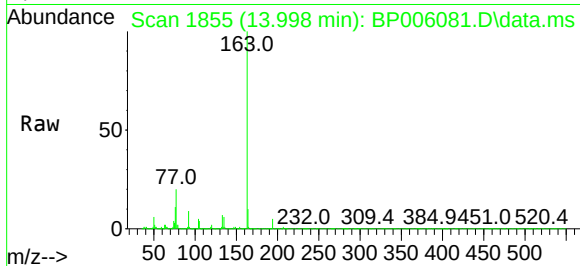




#50  
Dimethylphthalate  
Concen: 5.633 ng  
RT: 13.998 min Scan# 1855  
Delta R.T. 0.000 min  
Lab File: BP006081.D  
Acq: 28 Jun 2021 17:15

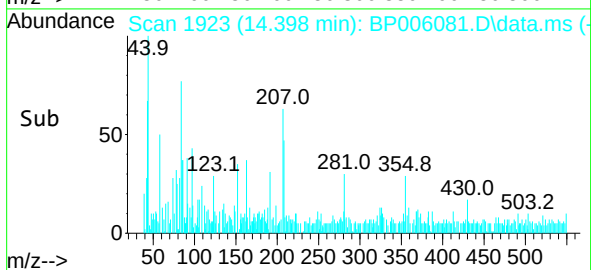
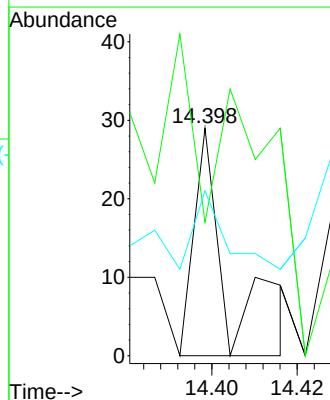
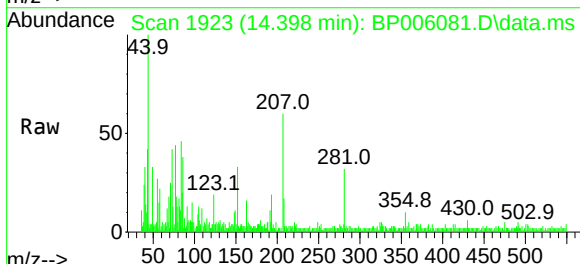
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Tgt Ion:163 Resp: 84323  
Ion Ratio Lower Upper  
163 100  
194 4.9 3.4 5.2  
164 9.7 8.2 12.2

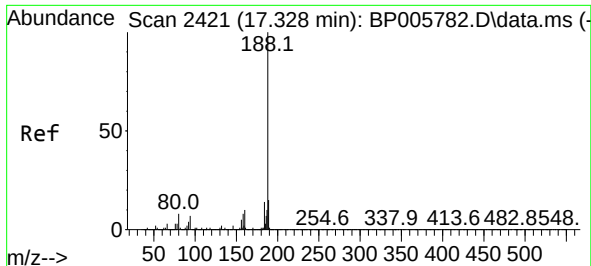


#54  
2,4-Dinitrophenol  
Concen: 4.857 ng  
RT: 14.398 min Scan# 1923  
Delta R.T. -0.276 min  
Lab File: BP006081.D  
Acq: 28 Jun 2021 17:15

Tgt Ion:184 Resp: 17  
Ion Ratio Lower Upper  
184 100  
63 58.6 47.0 70.6  
154 72.4 52.3 78.5



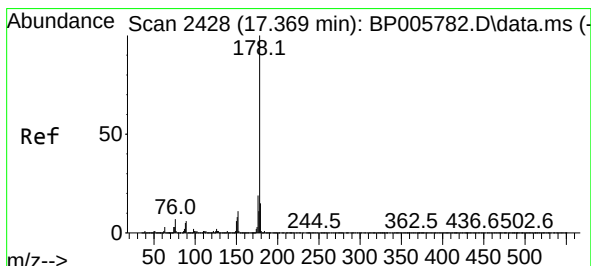
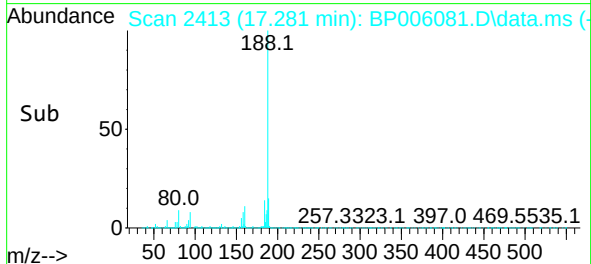
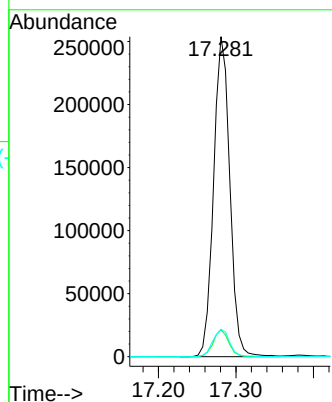
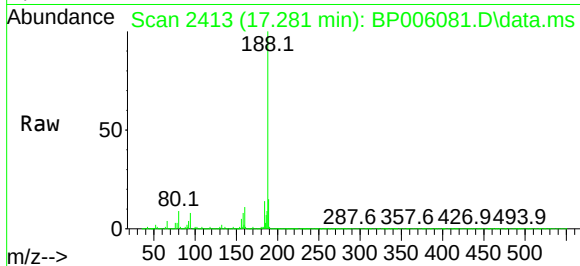




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.281 min Scan# 2413  
Delta R.T. 0.000 min  
Lab File: BP006081.D  
Acq: 28 Jun 2021 17:15

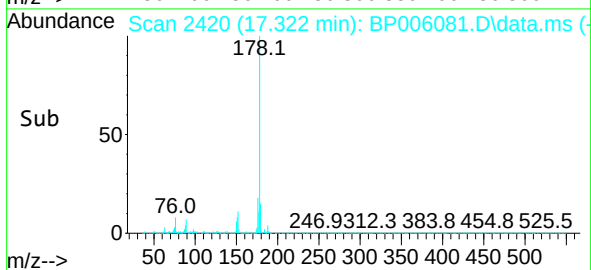
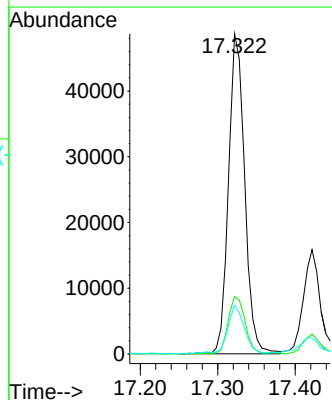
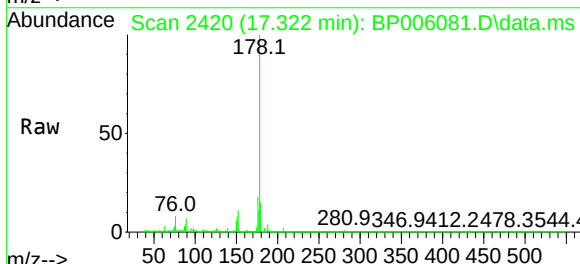
Instrument :  
BNA\_P  
ClientSampleId :  
124055

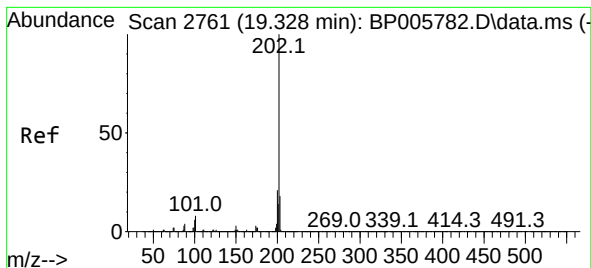
Tgt Ion:188 Resp: 369360  
Ion Ratio Lower Upper  
188 100  
94 8.4 5.6 8.4#  
80 8.5 6.3 9.5



#71  
Phenanthrene  
Concen: 3.190 ng  
RT: 17.322 min Scan# 2420  
Delta R.T. -0.006 min  
Lab File: BP006081.D  
Acq: 28 Jun 2021 17:15

Tgt Ion:178 Resp: 70753  
Ion Ratio Lower Upper  
178 100  
176 18.0 15.1 22.7  
179 15.2 12.4 18.6

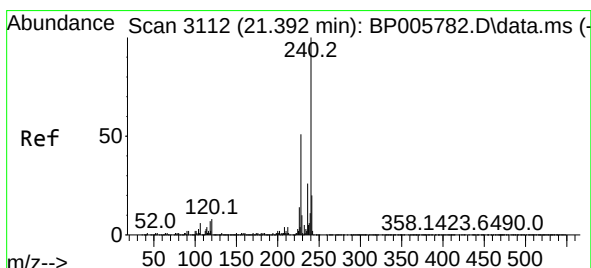
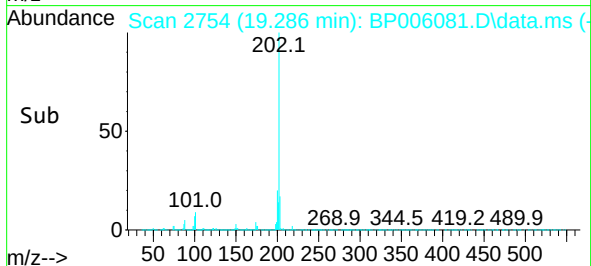
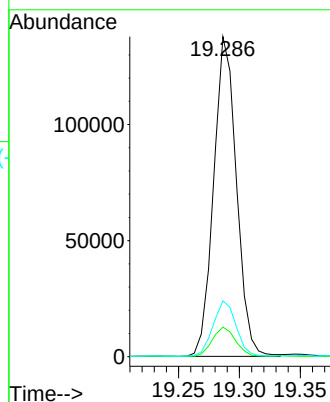
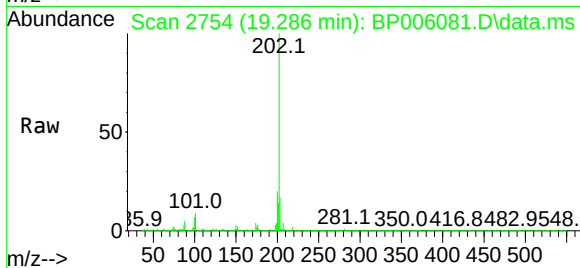




#75  
Fluoranthene  
Concen: 6.673 ng  
RT: 19.286 min Scan# 2754  
Delta R.T. 0.000 min  
Lab File: BP006081.D  
Acq: 28 Jun 2021 17:15

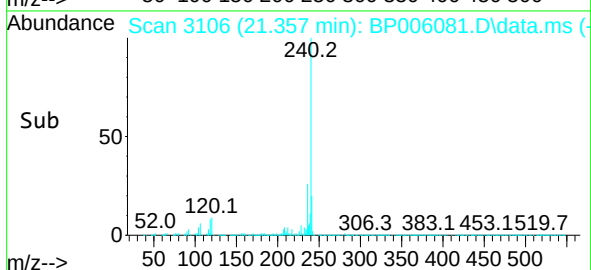
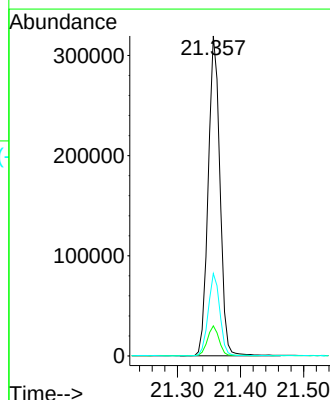
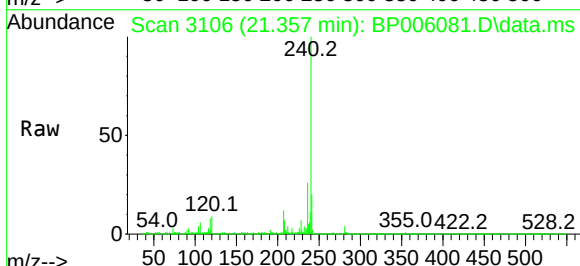
Instrument :  
BNA\_P  
ClientSampleId :  
124055

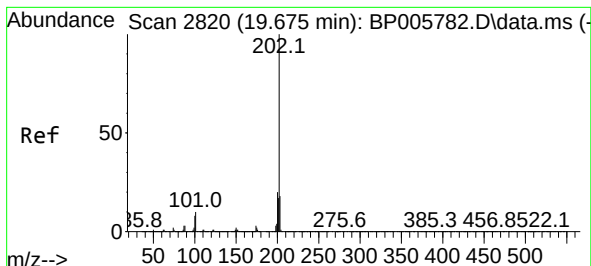
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 202   | Resp: | 179747 |
| Ion Ratio | Lower | Upper |        |
| 202       | 100   |       |        |
| 101       | 9.2   | 0.0   | 27.6   |
| 203       | 17.4  | 0.0   | 37.8   |



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.357 min Scan# 3106  
Delta R.T. 0.000 min  
Lab File: BP006081.D  
Acq: 28 Jun 2021 17:15

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 240   | Resp: | 412153 |
| Ion Ratio | Lower | Upper |        |
| 240       | 100   |       |        |
| 120       | 9.4   | 6.5   | 9.7    |
| 236       | 25.8  | 20.6  | 31.0   |





#78

Pyrene

Concen: 6.062 ng

RT: 19.639 min Scan# 2814

Delta R.T. 0.000 min

Lab File: BP006081.D

Acq: 28 Jun 2021 17:15

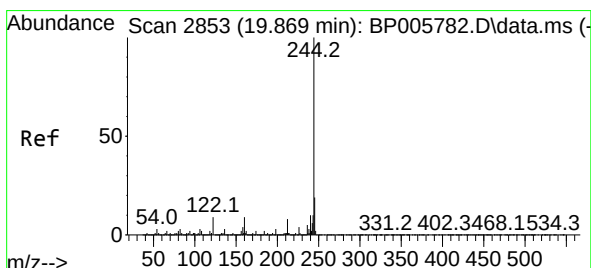
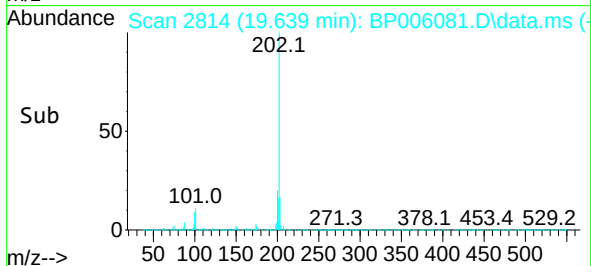
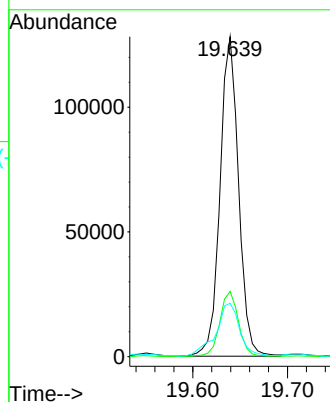
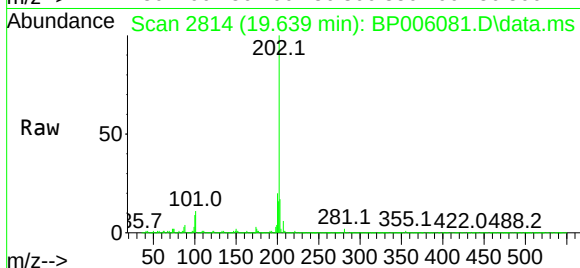
Tgt Ion:202 Resp: 174425

Ion Ratio Lower Upper

202 100

200 20.4 16.3 24.5

203 16.7 14.2 21.2



#79

Terphenyl-d14

Concen: 61.839 ng

RT: 19.833 min Scan# 2847

Delta R.T. 0.000 min

Lab File: BP006081.D

Acq: 28 Jun 2021 17:15

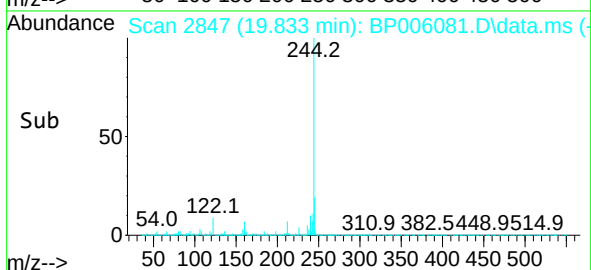
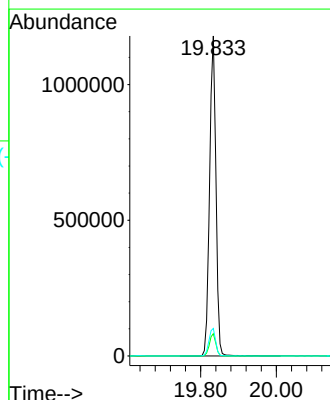
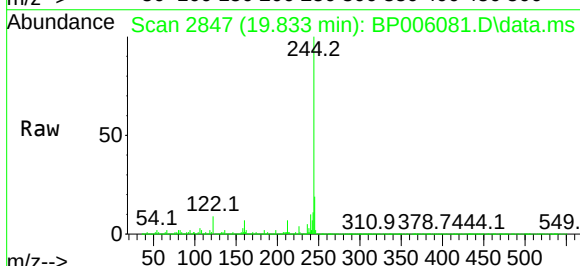
Tgt Ion:244 Resp: 1361144

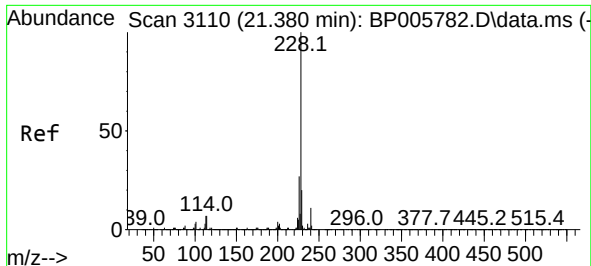
Ion Ratio Lower Upper

244 100

212 6.9 6.0 9.0

122 8.6 7.1 10.7

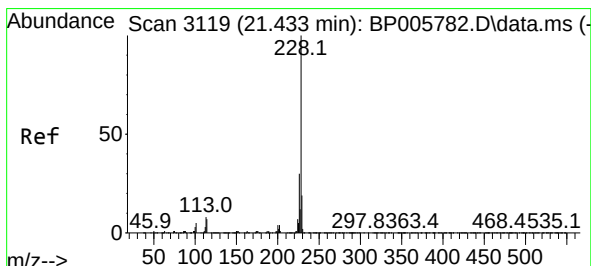
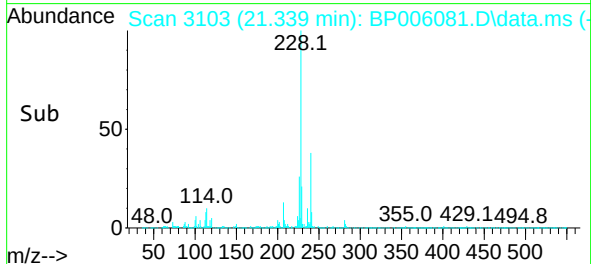
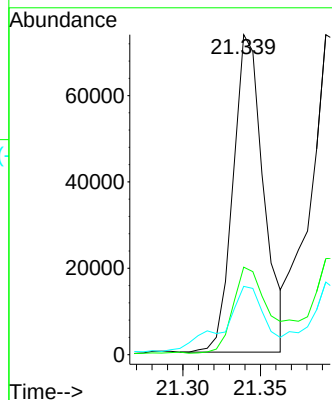
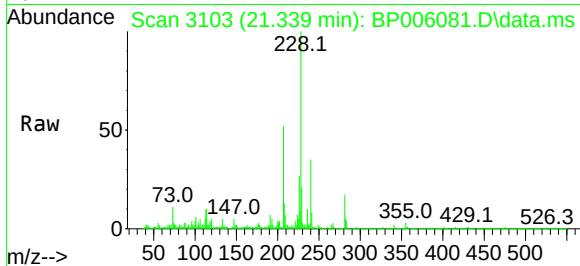




#81  
Benzo(a)anthracene  
Concen: 3.383 ng  
RT: 21.339 min Scan# 3103  
Delta R.T. 0.000 min  
Lab File: BP006081.D  
Acq: 28 Jun 2021 17:15

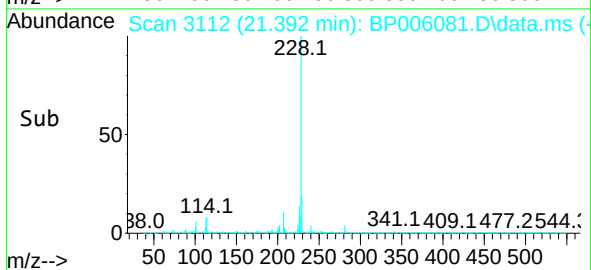
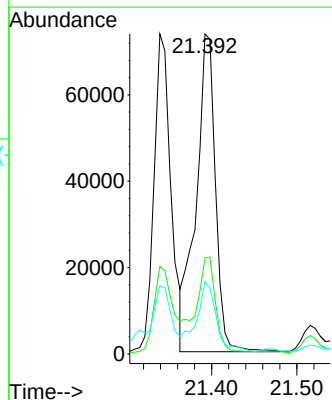
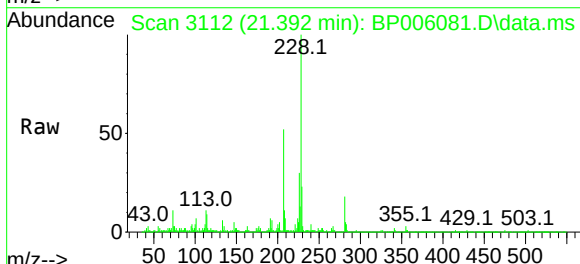
Instrument :  
BNA\_P  
ClientSampled :  
124055

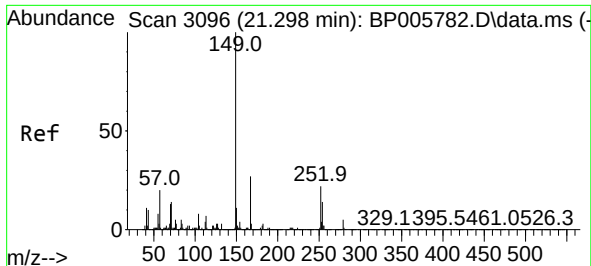
Tgt Ion:228 Resp: 100648  
Ion Ratio Lower Upper  
228 100  
226 27.4 21.6 32.4  
229 21.3 15.8 23.6



#83  
Chrysene  
Concen: 4.059 ng  
RT: 21.392 min Scan# 3112  
Delta R.T. 0.000 min  
Lab File: BP006081.D  
Acq: 28 Jun 2021 17:15

Tgt Ion:228 Resp: 116975  
Ion Ratio Lower Upper  
228 100  
226 30.0 23.8 35.6  
229 22.7 15.4 23.2

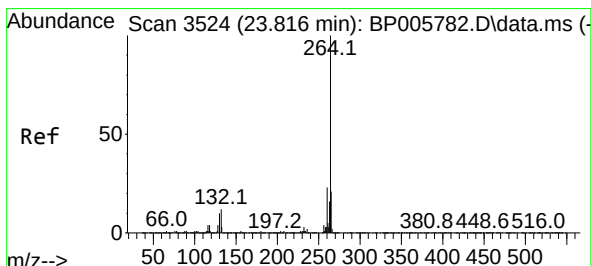
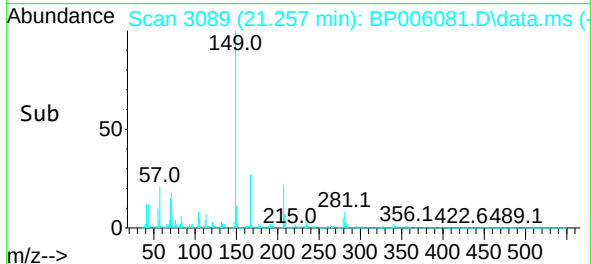
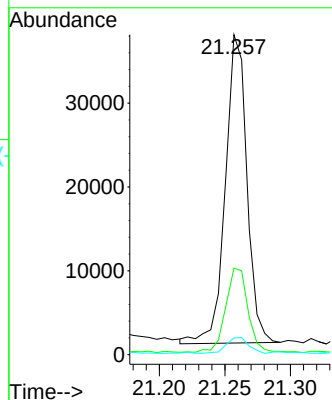
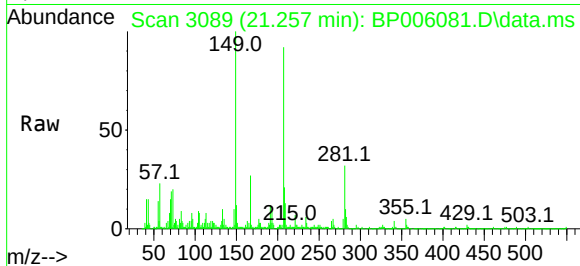




#84  
Bis(2-ethylhexyl)phthalate  
Concen: 2.425 ng  
RT: 21.257 min Scan# 3089  
Delta R.T. 0.000 min  
Lab File: BP006081.D  
Acq: 28 Jun 2021 17:15

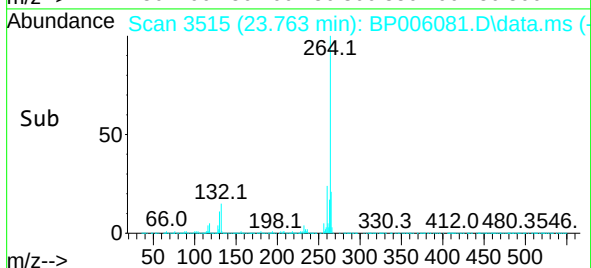
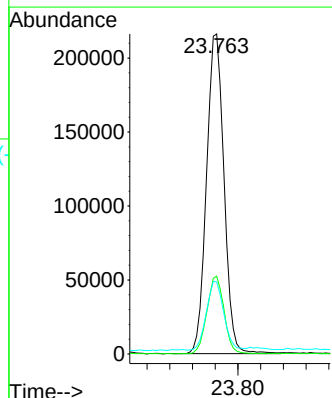
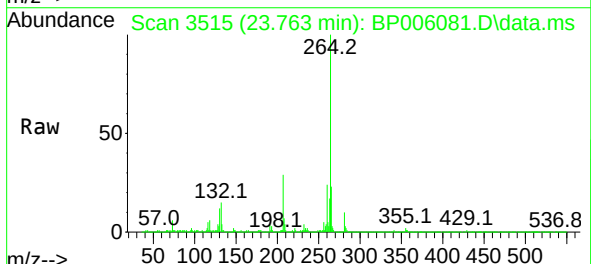
Instrument :  
BNA\_P  
ClientSampled :  
124055

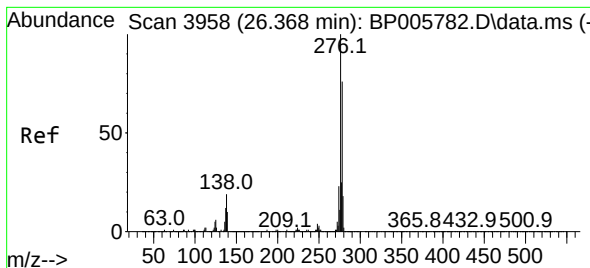
Tgt Ion:149 Resp: 42092  
Ion Ratio Lower Upper  
149 100  
167 27.0 21.9 32.9  
279 5.2 4.3 6.5



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 23.763 min Scan# 3515  
Delta R.T. 0.006 min  
Lab File: BP006081.D  
Acq: 28 Jun 2021 17:15

Tgt Ion:264 Resp: 460657  
Ion Ratio Lower Upper  
264 100  
260 24.3 18.6 28.0  
265 22.5 17.6 26.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 2.168 ng

RT: 26.280 min Scan# 3943

Delta R.T. -0.012 min

Lab File: BP006081.D

Acq: 28 Jun 2021 17:15

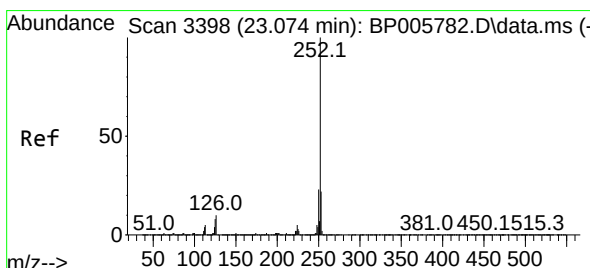
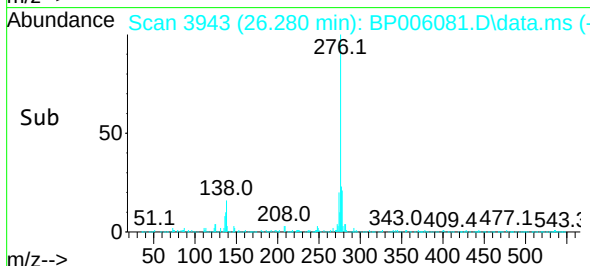
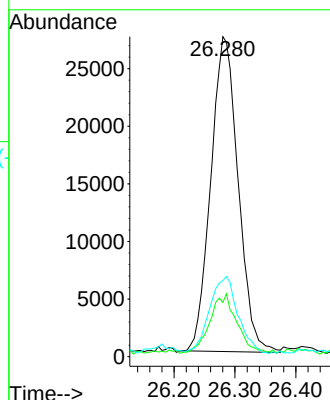
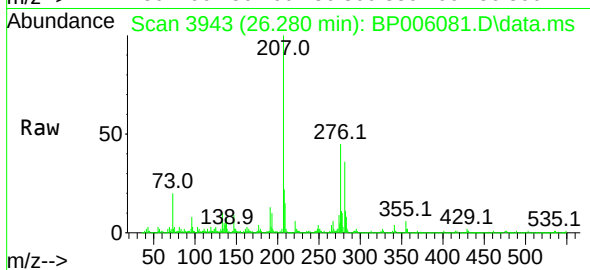
Instrument :

BNA\_P

ClientSampleId :

124055

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 276   | Resp: | 85395 |
| Ion Ratio | Lower | Upper |       |
| 276       | 100   |       |       |
| 138       | 17.5  | 15.3  | 22.9  |
| 277       | 25.4  | 20.4  | 30.6  |



#88

Benzo(b)fluoranthene

Concen: 5.520 ng

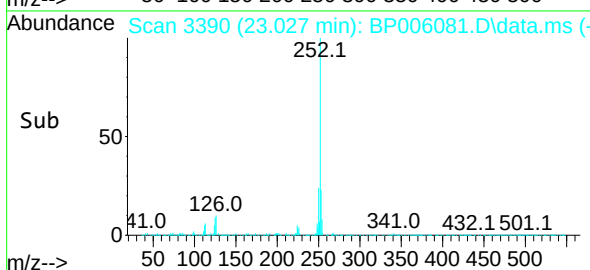
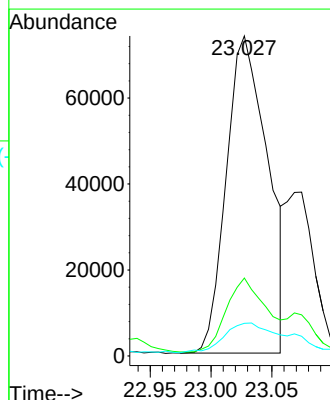
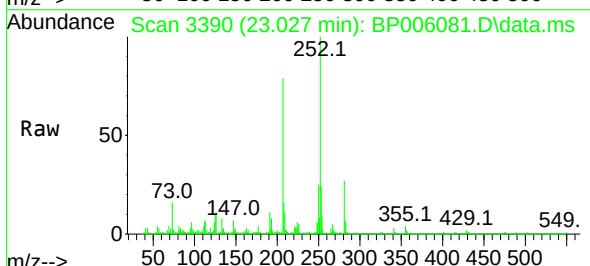
RT: 23.027 min Scan# 3390

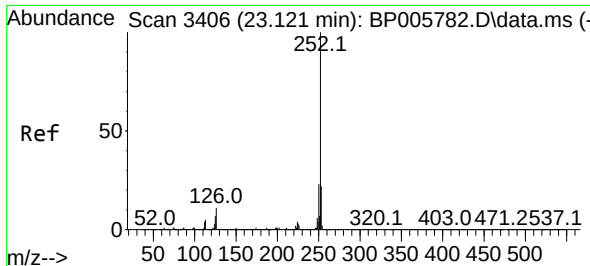
Delta R.T. 0.006 min

Lab File: BP006081.D

Acq: 28 Jun 2021 17:15

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 252   | Resp: | 174165 |
| Ion Ratio | Lower | Upper |        |
| 252       | 100   |       |        |
| 253       | 24.4  | 17.5  | 26.3   |
| 125       | 10.2  | 6.2   | 9.4    |

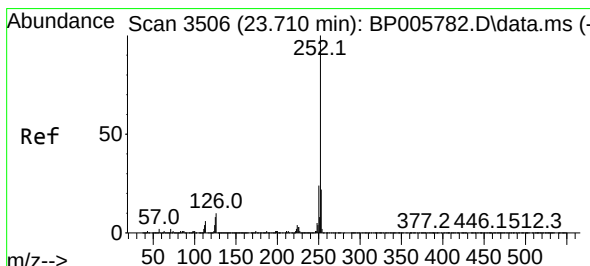
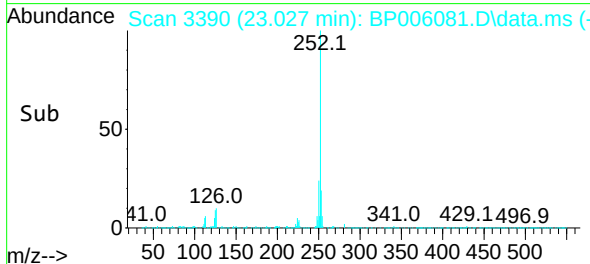
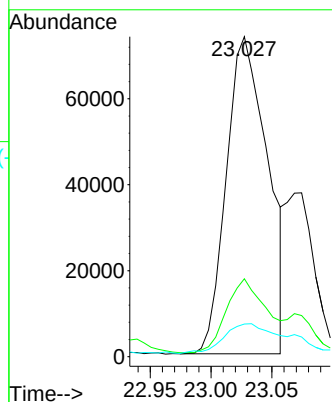
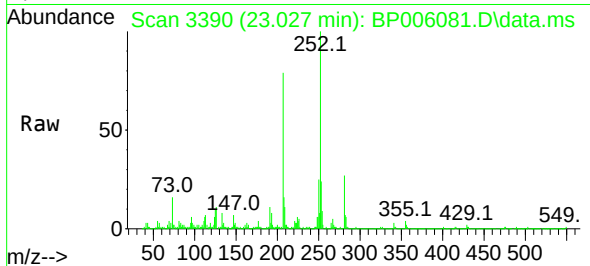




#89  
Benzo(k)fluoranthene  
Concen: 5.693 ng  
RT: 23.027 min Scan# 3390  
Delta R.T. -0.041 min  
Lab File: BP006081.D  
Acq: 28 Jun 2021 17:15

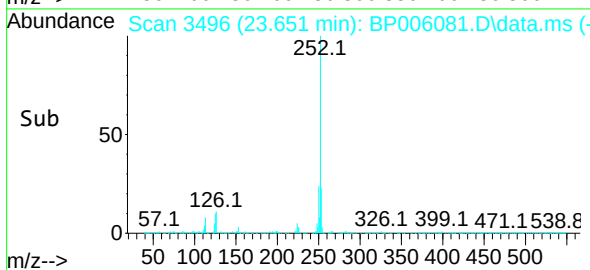
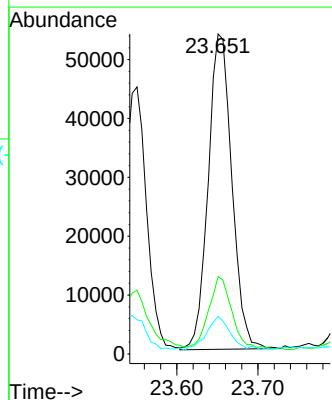
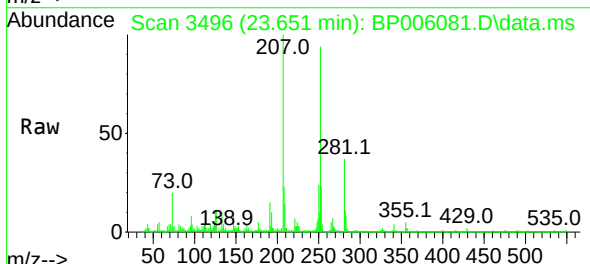
Instrument :  
BNA\_P  
ClientSampled :  
124055

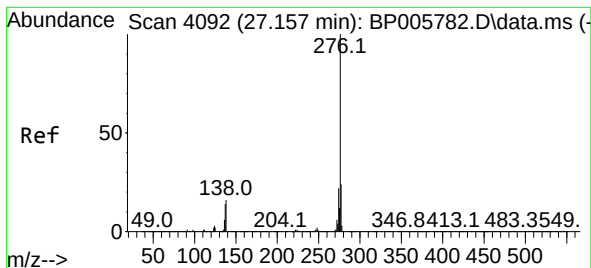
Tgt Ion:252 Resp: 174165  
Ion Ratio Lower Upper  
252 100  
253 24.4 17.6 26.4  
125 10.2 6.0 9.0#



#90  
Benzo(a)pyrene  
Concen: 3.657 ng  
RT: 23.651 min Scan# 3496  
Delta R.T. 0.000 min  
Lab File: BP006081.D  
Acq: 28 Jun 2021 17:15

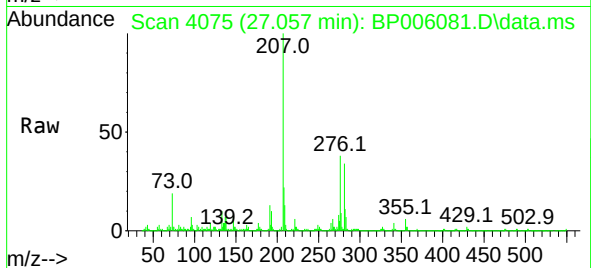
Tgt Ion:252 Resp: 108467  
Ion Ratio Lower Upper  
252 100  
253 24.2 17.9 26.9  
125 11.8 6.5 9.7#





#92  
Benzo(g,h,i)perylene  
Concen: 2.499 ng  
RT: 27.057 min Scan# 4075  
Delta R.T. -0.006 min  
Lab File: BP006081.D  
Acq: 28 Jun 2021 17:15

Instrument :  
BNA\_P  
ClientSampleId :  
124055



Tgt Ion: 276 Resp: 83686  
Ion Ratio Lower Upper  
276 100  
277 24.7 18.9 28.3  
138 18.2 12.6 18.8

