

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP113021\  
 Data File : BP008159.D  
 Acq On : 30 Nov 2021 15:34  
 Operator : CG/JU  
 Sample : M4848-03  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 PSC124019

Quant Time: Nov 30 16:05:25 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP112521.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Nov 25 01:13:46 2021  
 Response via : Initial Calibration

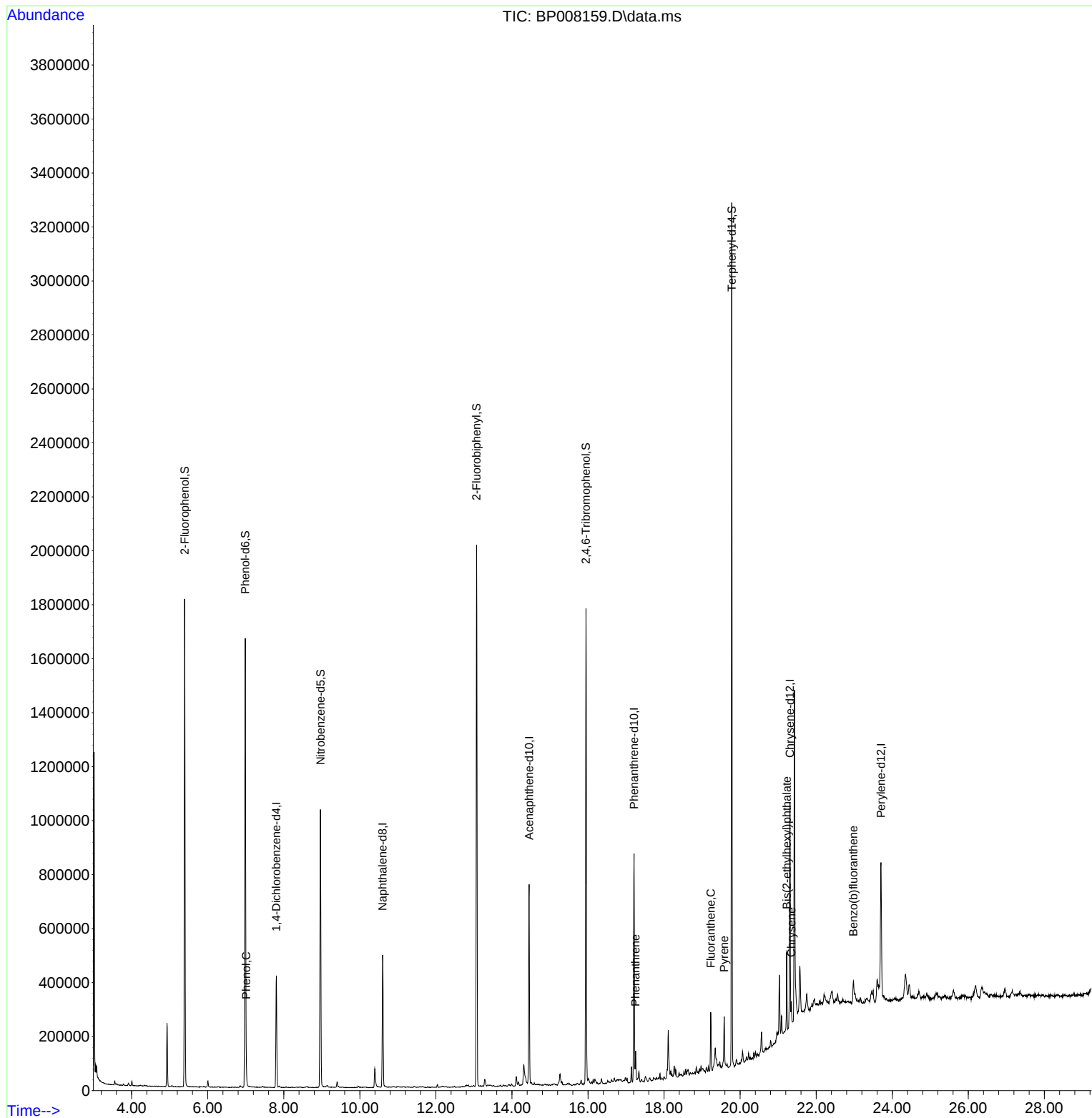
| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.805  | 152  | 102714   | 20.000  | ng    | -0.01    |
| 21) Naphthalene-d8            | 10.599 | 136  | 382170   | 20.000  | ng    | -0.01    |
| 39) Acenaphthene-d10          | 14.451 | 164  | 243939   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.210 | 188  | 493722   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 21.310 | 240  | 379484   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 23.704 | 264  | 385201   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.393  | 112  | 679463   | 106.509 | ng    | -0.01    |
| 7) Phenol-d6                  | 6.987  | 99   | 878027   | 101.957 | ng    | -0.01    |
| 23) Nitrobenzene-d5           | 8.963  | 82   | 588596   | 70.035  | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol      | 15.945 | 330  | 321779   | 103.202 | ng    | -0.01    |
| 45) 2-Fluorobiphenyl          | 13.069 | 172  | 1002139  | 59.672  | ng    | -0.01    |
| 79) Terphenyl-d14             | 19.781 | 244  | 1448949  | 79.798  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 10) Phenol                    | 7.011  | 94   | 31005    | 3.504   | ng    | 88       |
| 71) Phenanthrene              | 17.251 | 178  | 65099    | 2.497   | ng    | 99       |
| 75) Fluoranthene              | 19.228 | 202  | 110727   | 3.153   | ng    | 99       |
| 78) Pyrene                    | 19.581 | 202  | 115160   | 2.367   | ng    | 99       |
| 83) Chrysene                  | 21.345 | 228  | 48870    | 2.042   | ng    | 96       |
| 84) Bis(2-ethylhexyl)phtha... | 21.228 | 149  | 97821    | 5.962   | ng    | 99       |
| 88) Benzo(b)fluoranthene      | 22.980 | 252  | 55186    | 2.376   | ng    | # 94     |
| -----                         |        |      |          |         |       |          |

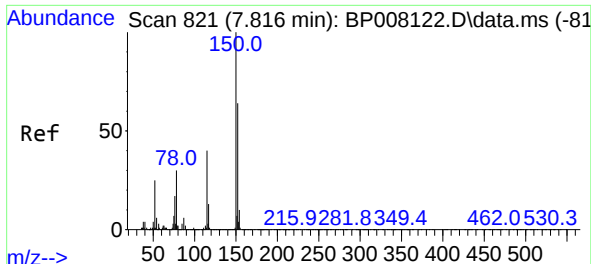
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP113021\  
Data File : BP008159.D  
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Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
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Quant Time: Nov 30 16:05:25 2021  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP112521.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Nov 25 01:13:46 2021  
Response via : Initial Calibration

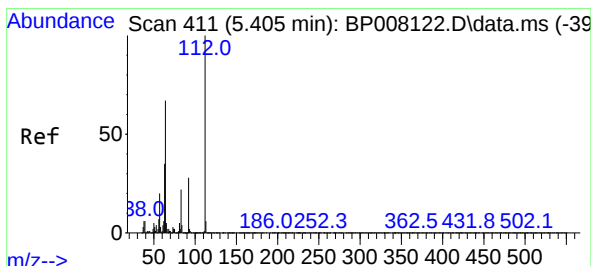
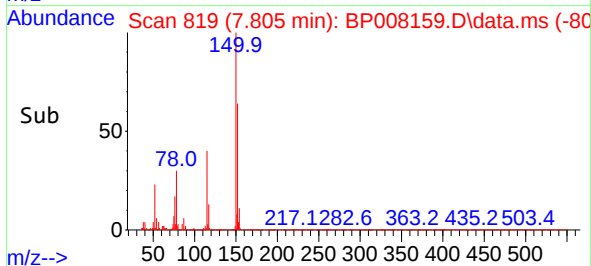
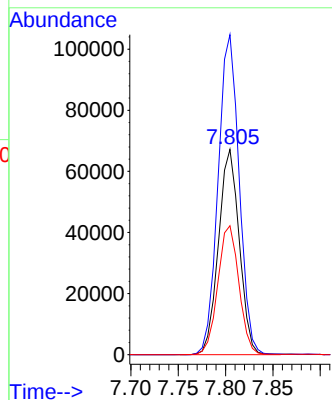
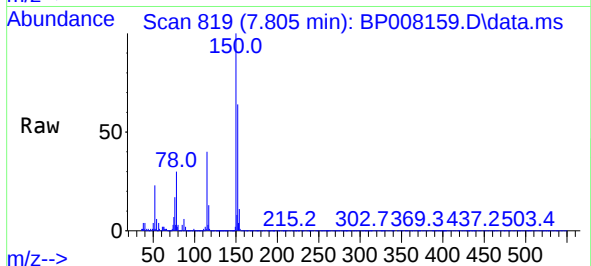




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.805 min Scan# 81  
Delta R.T. -0.011 min  
Lab File: BP008159.D  
Acq: 30 Nov 2021 15:34

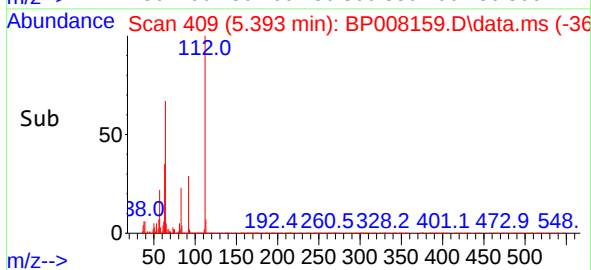
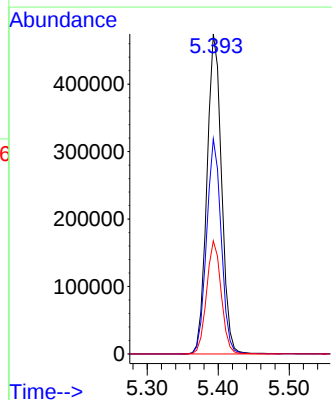
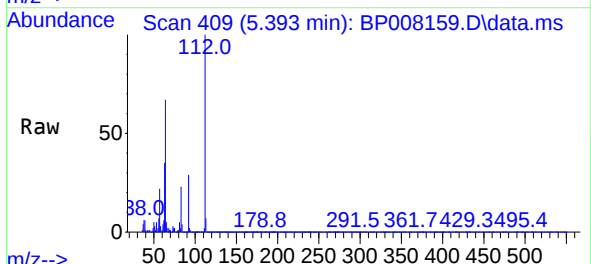
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BNA\_P  
ClientSampleId :  
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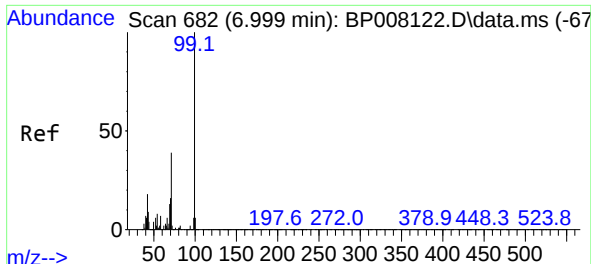
Tgt Ion:152 Resp: 102714  
Ion Ratio Lower Upper  
152 100  
150 155.8 125.7 188.5  
115 62.8 50.7 76.1



#5  
2-Fluorophenol  
Concen: 106.509 ng  
RT: 5.393 min Scan# 409  
Delta R.T. -0.012 min  
Lab File: BP008159.D  
Acq: 30 Nov 2021 15:34

Tgt Ion:112 Resp: 679463  
Ion Ratio Lower Upper  
112 100  
64 67.2 53.4 80.2  
63 35.4 27.8 41.8

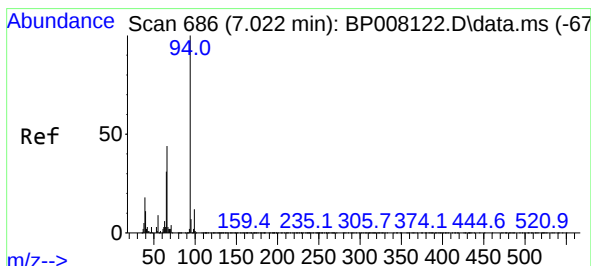
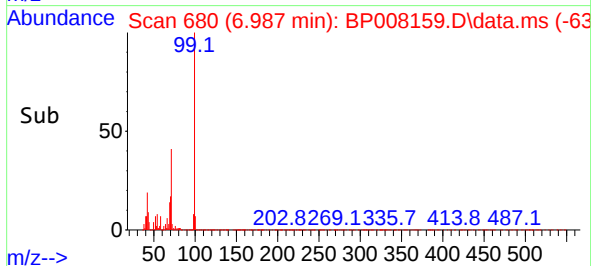
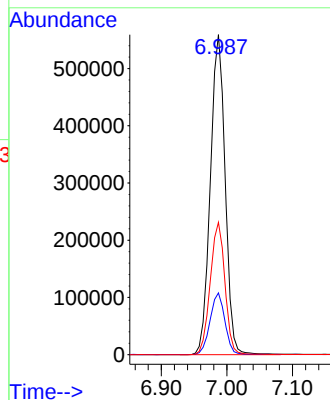
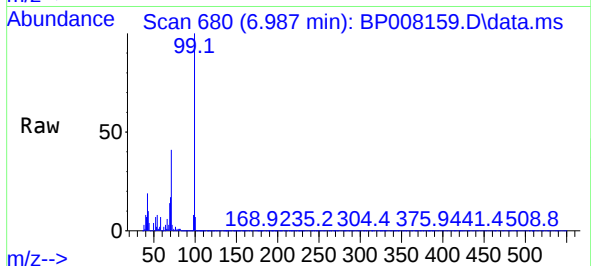




#7  
Phenol-d6  
Concen: 101.957 ng  
RT: 6.987 min Scan# 61  
Delta R.T. -0.012 min  
Lab File: BP008159.D  
Acq: 30 Nov 2021 15:34

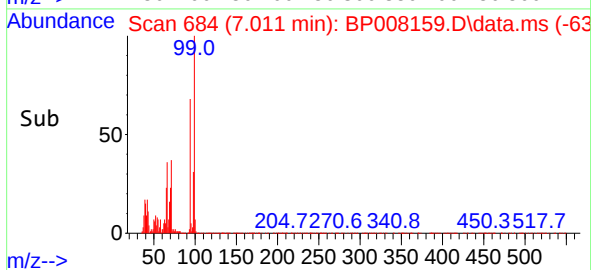
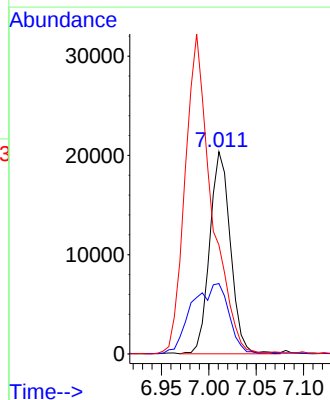
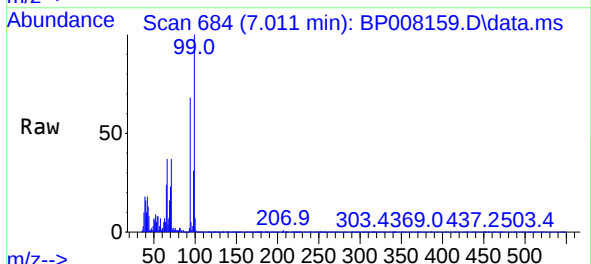
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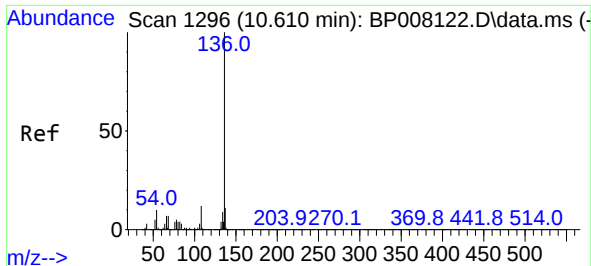
Tgt Ion: 99 Resp: 878027  
Ion Ratio Lower Upper  
99 100  
42 19.3 14.6 22.0  
71 41.3 31.1 46.7



#10  
Phenol  
Concen: 3.504 ng  
RT: 7.011 min Scan# 684  
Delta R.T. -0.012 min  
Lab File: BP008159.D  
Acq: 30 Nov 2021 15:34

Tgt Ion: 94 Resp: 31005  
Ion Ratio Lower Upper  
94 100  
65 34.8 10.9 50.9  
66 53.8 24.3 64.3

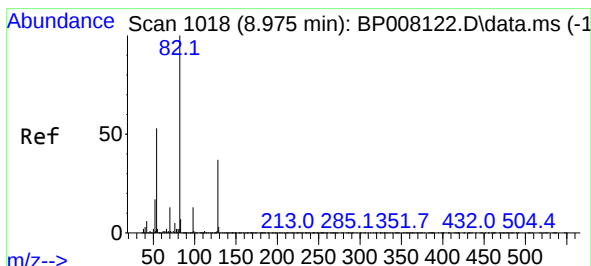
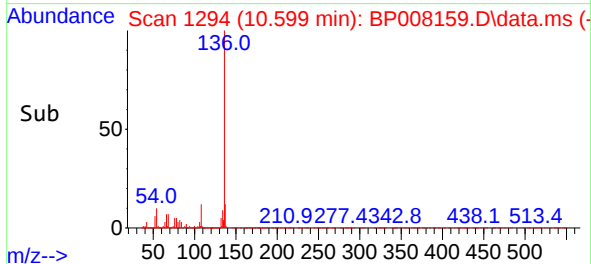
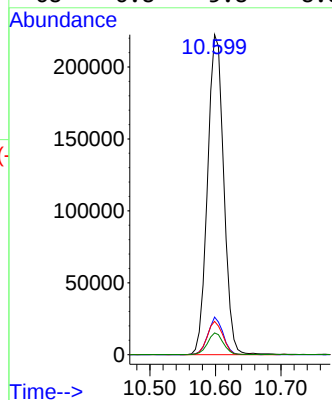
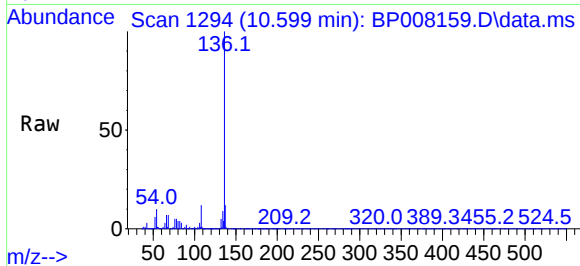




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.599 min Scan# 1016  
Delta R.T. -0.012 min  
Lab File: BP008159.D  
Acq: 30 Nov 2021 15:34

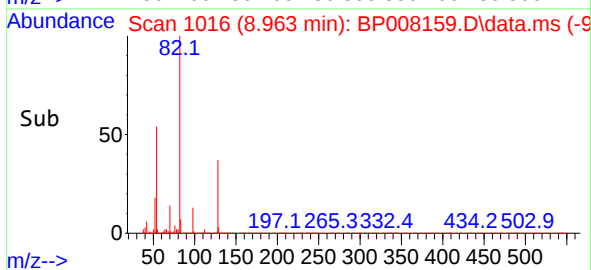
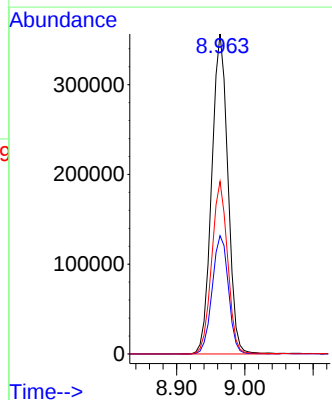
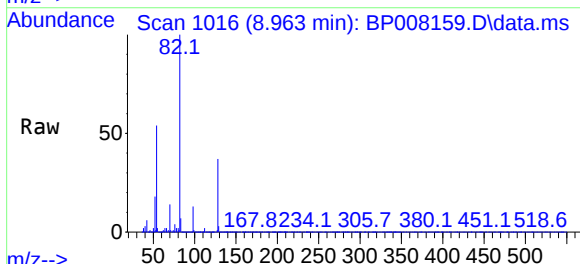
Instrument :  
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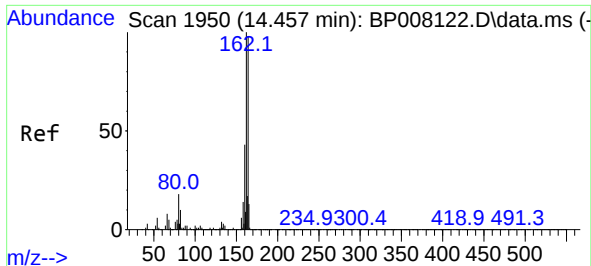
Tgt Ion:136 Resp: 382170  
Ion Ratio Lower Upper  
136 100  
137 11.8 9.0 13.6  
54 10.4 8.2 12.4  
68 6.8 5.8 8.8



#23  
Nitrobenzene-d5  
Concen: 70.035 ng  
RT: 8.963 min Scan# 1016  
Delta R.T. -0.012 min  
Lab File: BP008159.D  
Acq: 30 Nov 2021 15:34

Tgt Ion: 82 Resp: 588596  
Ion Ratio Lower Upper  
82 100  
128 36.9 29.6 44.4  
54 53.9 42.7 64.1

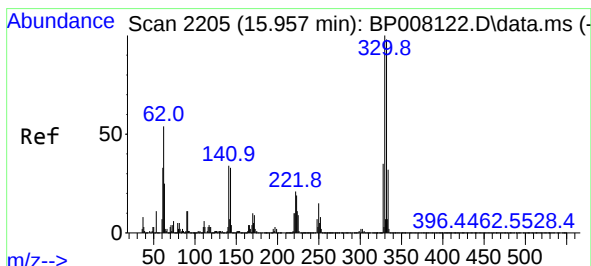
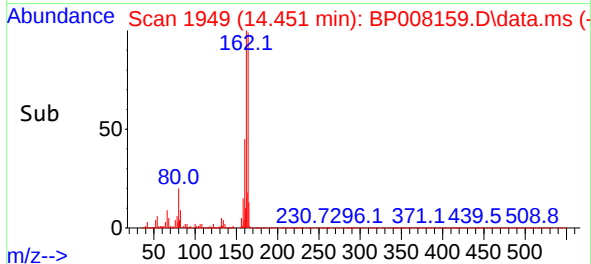
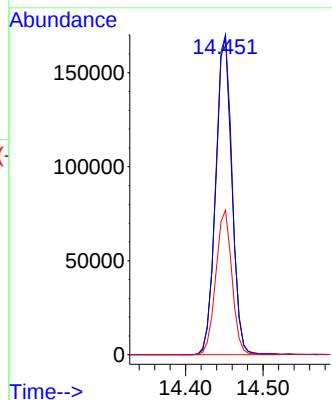
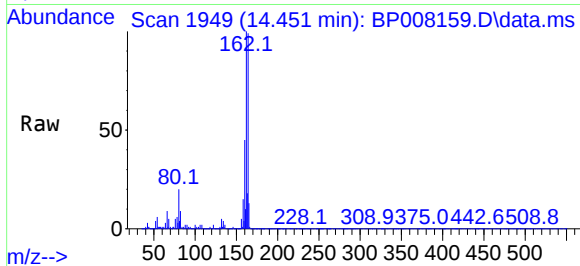




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.451 min Scan# 1949  
Delta R.T. -0.006 min  
Lab File: BP008159.D  
Acq: 30 Nov 2021 15:34

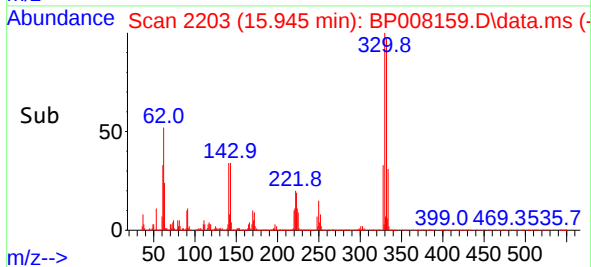
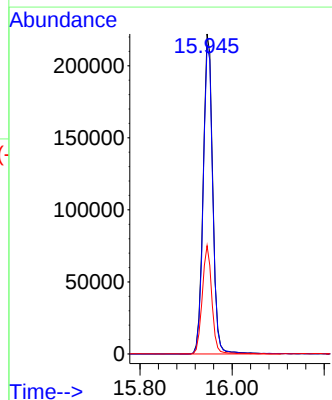
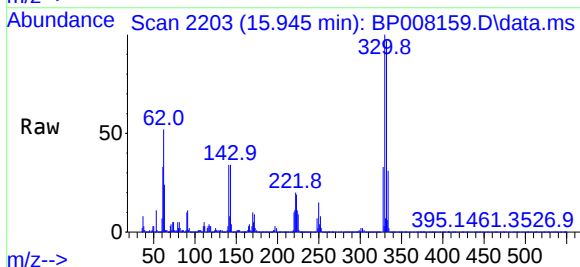
Instrument :  
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ClientSampleId :  
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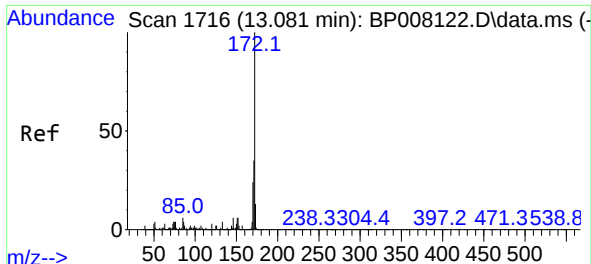
Tgt Ion:164 Resp: 243939  
Ion Ratio Lower Upper  
164 100  
162 100.7 81.9 122.9  
160 45.6 35.4 53.0



#42  
2,4,6-Tribromophenol  
Concen: 103.202 ng  
RT: 15.945 min Scan# 2203  
Delta R.T. -0.012 min  
Lab File: BP008159.D  
Acq: 30 Nov 2021 15:34

Tgt Ion:330 Resp: 321779  
Ion Ratio Lower Upper  
330 100  
332 96.5 77.0 115.4  
141 33.6 28.4 42.6

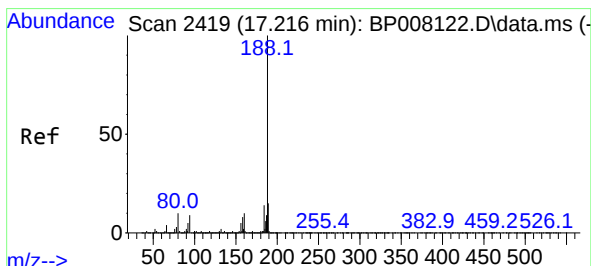
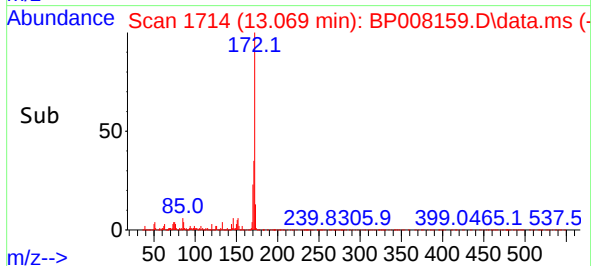
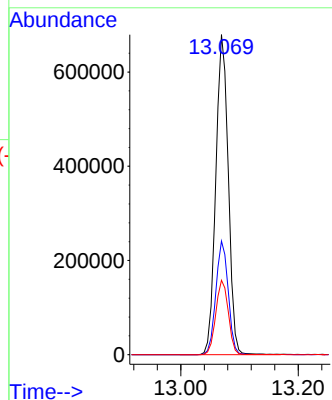
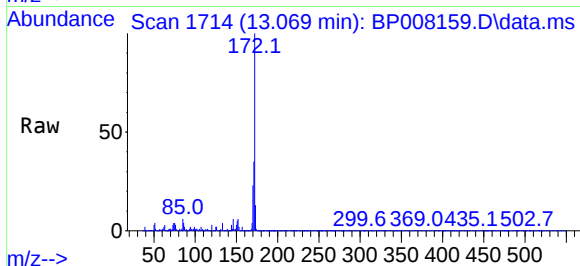




#45  
2-Fluorobiphenyl  
Concen: 59.672 ng  
RT: 13.069 min Scan# 11  
Delta R.T. -0.012 min  
Lab File: BP008159.D  
Acq: 30 Nov 2021 15:34

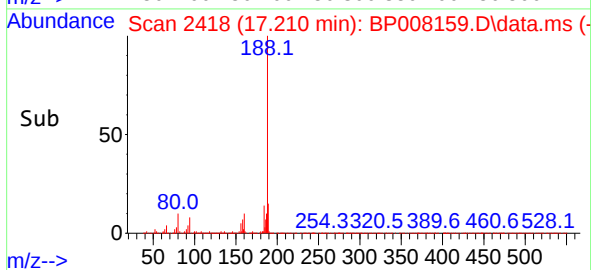
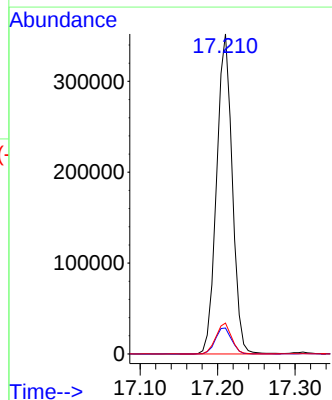
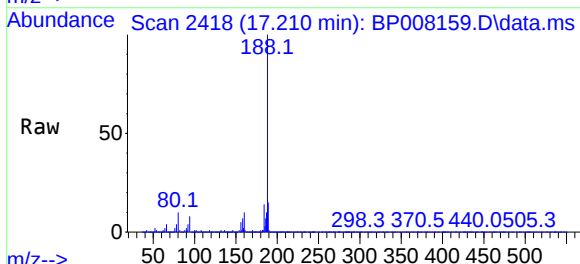
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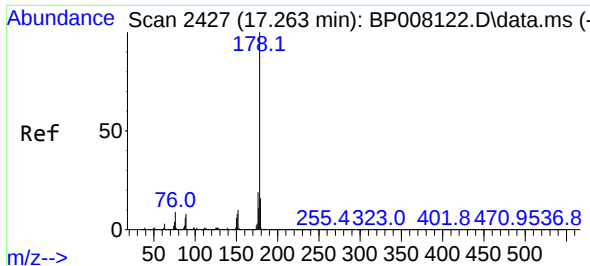
Tgt Ion:172 Resp: 1002139  
Ion Ratio Lower Upper  
172 100  
171 35.5 28.0 42.0  
170 23.3 18.9 28.3



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.210 min Scan# 2418  
Delta R.T. -0.006 min  
Lab File: BP008159.D  
Acq: 30 Nov 2021 15:34

Tgt Ion:188 Resp: 493722  
Ion Ratio Lower Upper  
188 100  
94 8.1 7.2 10.8  
80 9.7 8.2 12.4

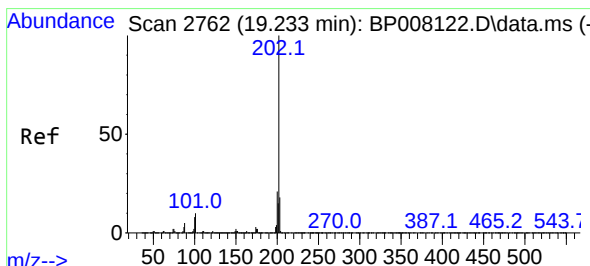
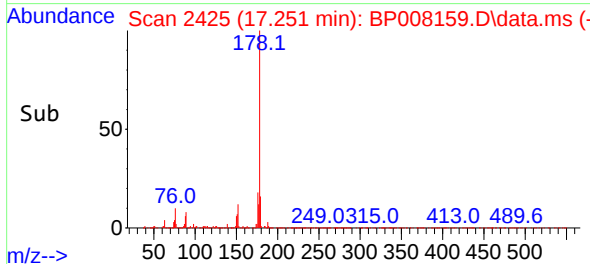
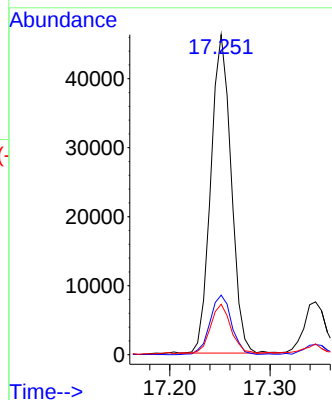
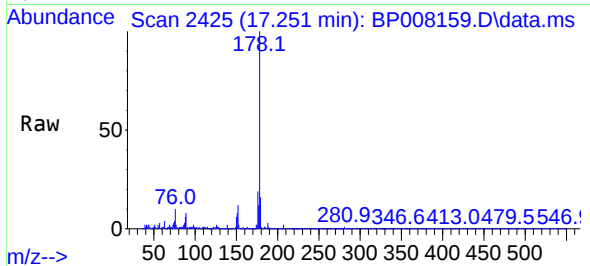




#71  
Phenanthrene  
Concen: 2.497 ng  
RT: 17.251 min Scan# 2427  
Delta R.T. -0.012 min  
Lab File: BP008159.D  
Acq: 30 Nov 2021 15:34

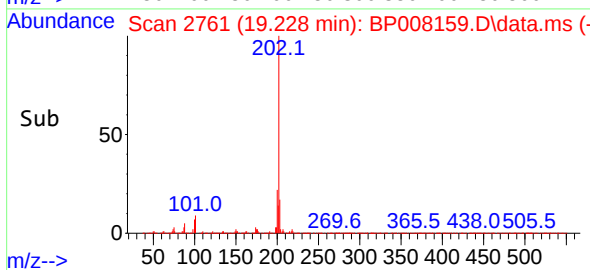
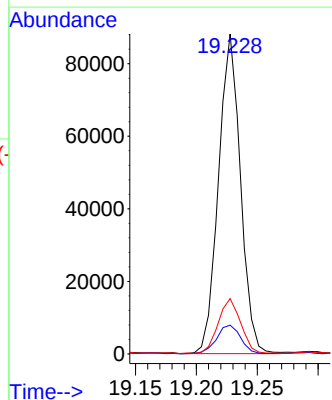
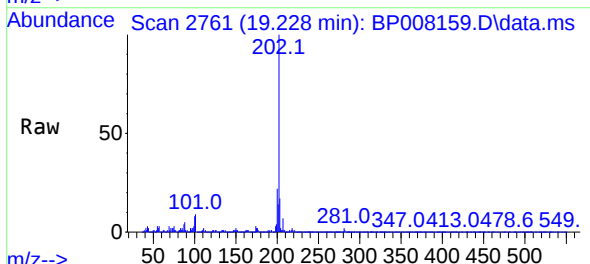
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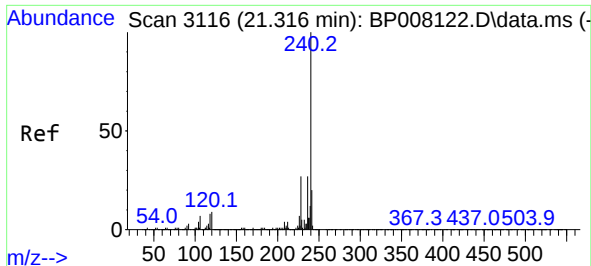
Tgt Ion:178 Resp: 65099  
Ion Ratio Lower Upper  
178 100  
176 18.6 15.3 22.9  
179 15.8 12.5 18.7



#75  
Fluoranthene  
Concen: 3.153 ng  
RT: 19.228 min Scan# 2761  
Delta R.T. -0.005 min  
Lab File: BP008159.D  
Acq: 30 Nov 2021 15:34

Tgt Ion:202 Resp: 110727  
Ion Ratio Lower Upper  
202 100  
101 9.0 0.0 29.8  
203 17.3 0.0 37.7

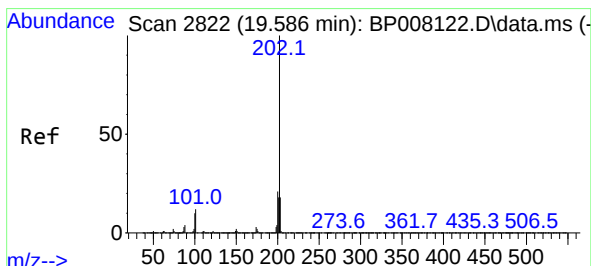
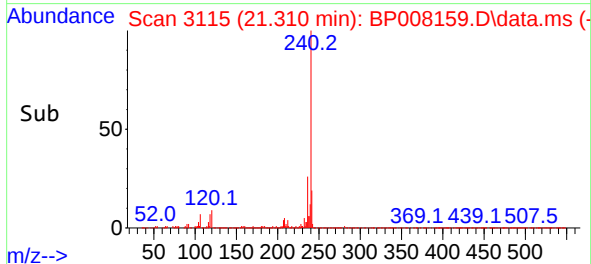
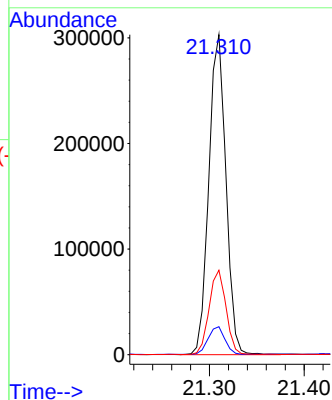
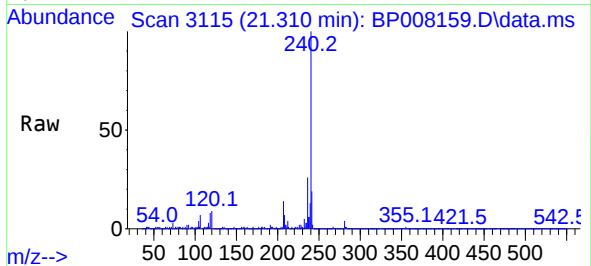




#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.310 min Scan# 3116  
Delta R.T. -0.006 min  
Lab File: BP008159.D  
Acq: 30 Nov 2021 15:34

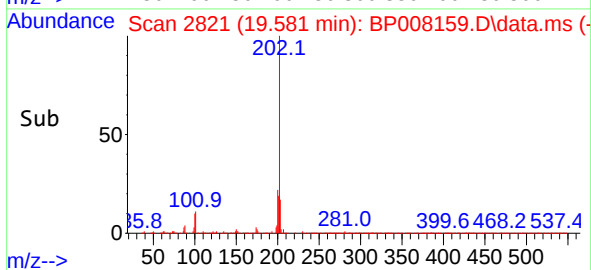
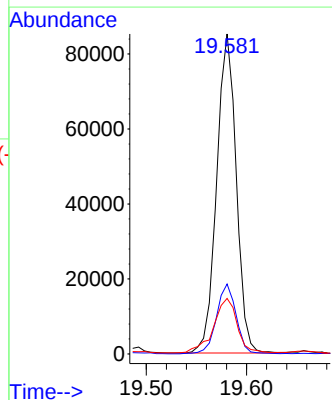
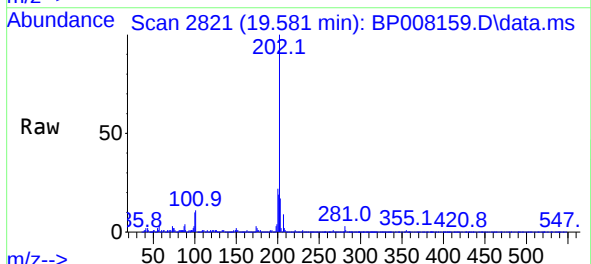
Instrument :  
BNA\_P  
ClientSampleId :  
PSC124019

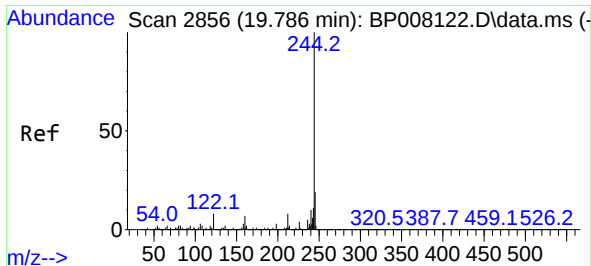
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Ion Ratio Lower Upper  
240 100  
120 8.7 7.3 10.9  
236 26.4 21.4 32.2



#78  
Pyrene  
Concen: 2.367 ng  
RT: 19.581 min Scan# 2821  
Delta R.T. -0.005 min  
Lab File: BP008159.D  
Acq: 30 Nov 2021 15:34

Tgt Ion:202 Resp: 115160  
Ion Ratio Lower Upper  
202 100  
200 21.9 17.1 25.7  
203 17.3 14.2 21.2



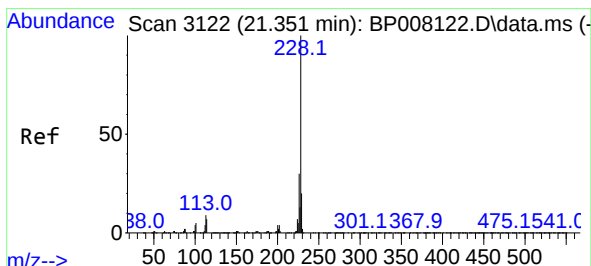
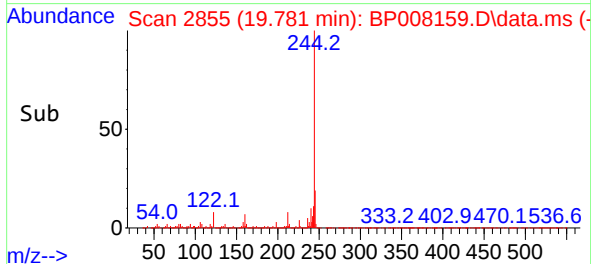
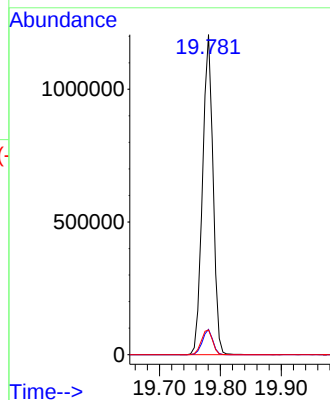
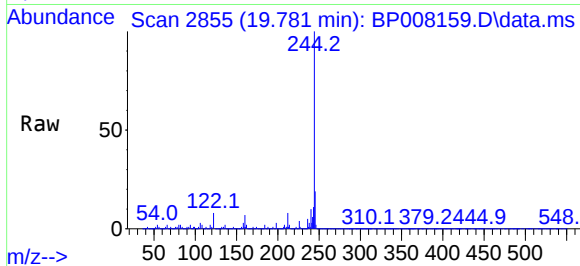


#79  
 Terphenyl-d14  
 Concen: 79.798 ng  
 RT: 19.781 min Scan# 21  
 Delta R.T. -0.005 min  
 Lab File: BP008159.D  
 Acq: 30 Nov 2021 15:34

Instrument :  
 BNA\_P  
 ClientSampleId :  
 PSC124019

Tgt Ion:244 Resp: 1448949

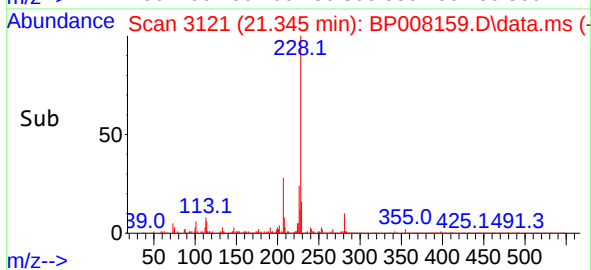
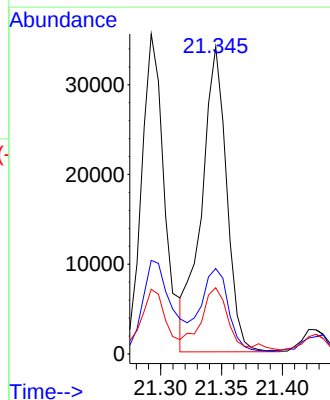
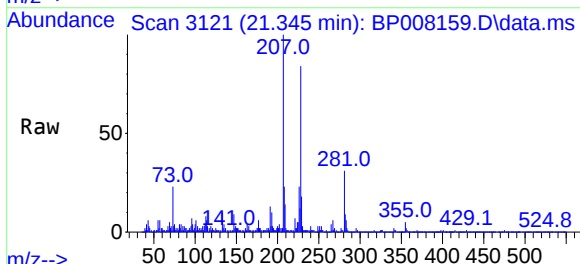
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 244 | 100   |       |       |
| 212 | 7.9   | 6.0   | 9.0   |
| 122 | 7.8   | 6.6   | 9.8   |

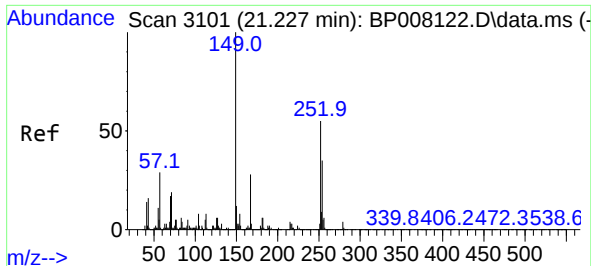


#83  
 Chrysene  
 Concen: 2.042 ng  
 RT: 21.345 min Scan# 3121  
 Delta R.T. -0.006 min  
 Lab File: BP008159.D  
 Acq: 30 Nov 2021 15:34

Tgt Ion:228 Resp: 48870

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 27.8  | 24.0  | 36.0  |
| 229 | 21.6  | 15.8  | 23.8  |

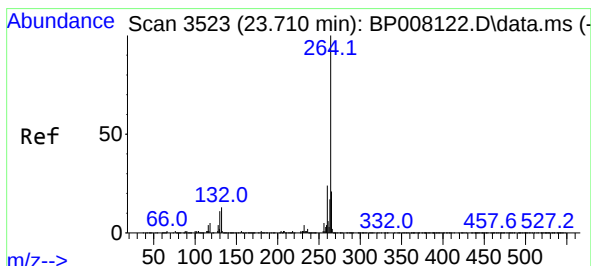
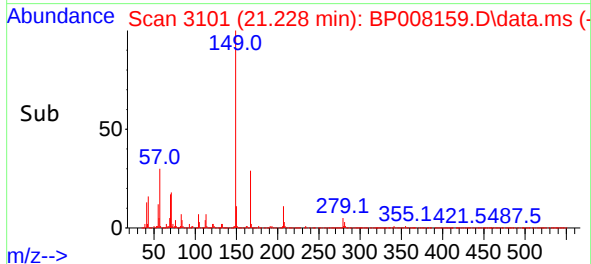
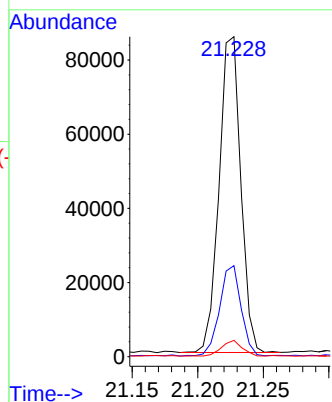
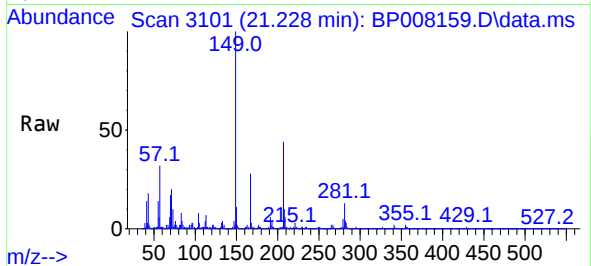




#84  
Bis(2-ethylhexyl)phthalate  
Concen: 5.962 ng  
RT: 21.228 min Scan# 3101  
Delta R.T. 0.001 min  
Lab File: BP008159.D  
Acq: 30 Nov 2021 15:34

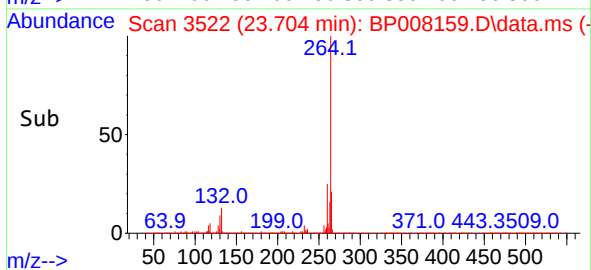
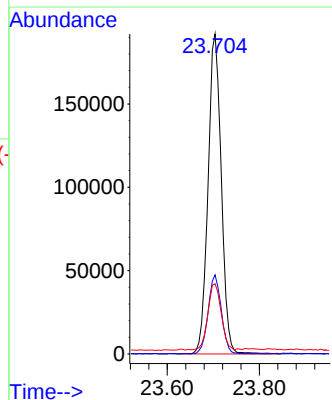
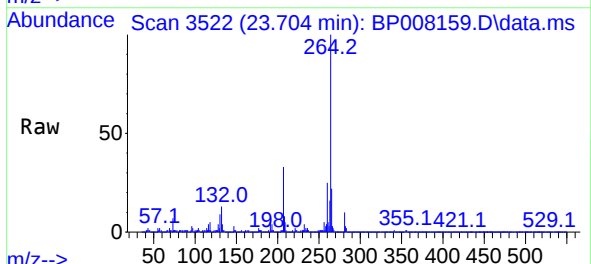
Instrument :  
BNA\_P  
ClientSampleId :  
PSC124019

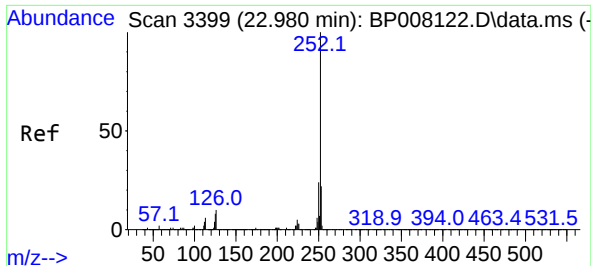
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 149   | Resp: | 97821 |
| Ion Ratio | Lower | Upper |       |
| 149       | 100   |       |       |
| 167       | 28.4  | 22.5  | 33.7  |
| 279       | 5.1   | 3.5   | 5.3   |



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 23.704 min Scan# 3522  
Delta R.T. -0.006 min  
Lab File: BP008159.D  
Acq: 30 Nov 2021 15:34

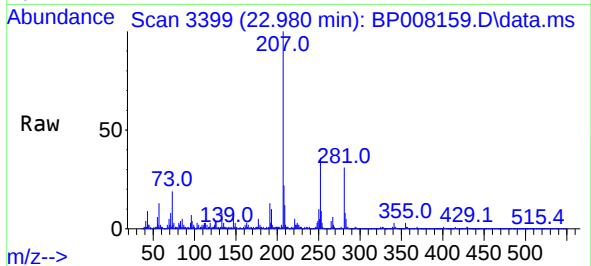
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 264   | Resp: | 385201 |
| Ion Ratio | Lower | Upper |        |
| 264       | 100   |       |        |
| 260       | 24.7  | 19.4  | 29.2   |
| 265       | 21.9  | 17.6  | 26.4   |





#88  
Benzo(b)fluoranthene  
Concen: 2.376 ng  
RT: 22.980 min Scan# 31  
Delta R.T. 0.000 min  
Lab File: BP008159.D  
Acq: 30 Nov 2021 15:34

Instrument :  
BNA\_P  
ClientSampleId :  
PSC124019



Tgt Ion:252 Resp: 55186  
Ion Ratio Lower Upper  
252 100  
253 24.4 17.7 26.5  
125 11.6 6.2 9.4#

