

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP071321\  
 Data File : BP006197.D  
 Acq On : 13 Jul 2021 12:55  
 Operator : CG/JU  
 Sample : PB137618BL  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 PB137618BL

Quant Time: Jul 13 14:47:06 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP070721.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jul 12 14:59:51 2021  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.858  | 152  | 196276   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.663 | 136  | 770141   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 14.498 | 164  | 428432   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.245 | 188  | 847918   | 20.000  | ng    | # 0.00   |
| 76) Chrysene-d12            | 21.328 | 240  | 823624   | 20.000  | ng    | # 0.00   |
| 86) Perylene-d12            | 23.710 | 264  | 999798   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.434  | 112  | 1664691  | 145.934 | ng    | 0.00     |
| 7) Phenol-d6                | 7.040  | 99   | 1950052  | 129.241 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.022  | 82   | 1081328  | 88.688  | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol    | 15.993 | 330  | 797750   | 156.398 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.116 | 172  | 2531595  | 87.355  | ng    | 0.00     |
| 79) Terphenyl-d14           | 19.798 | 244  | 4010038  | 95.994  | ng    | 0.00     |

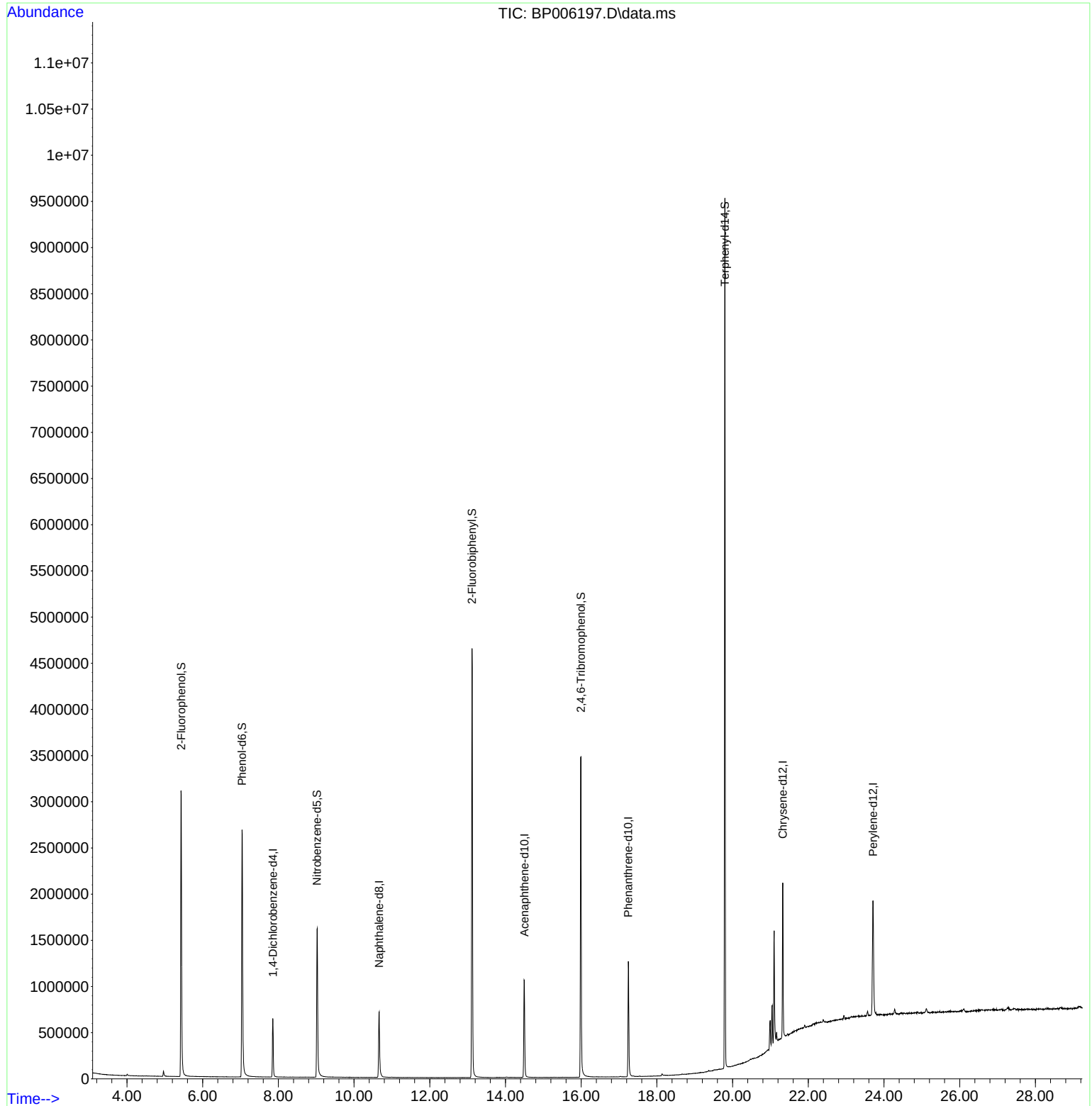
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

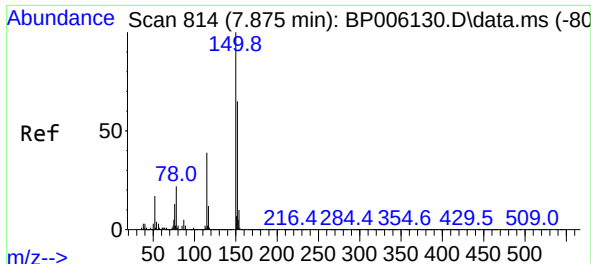
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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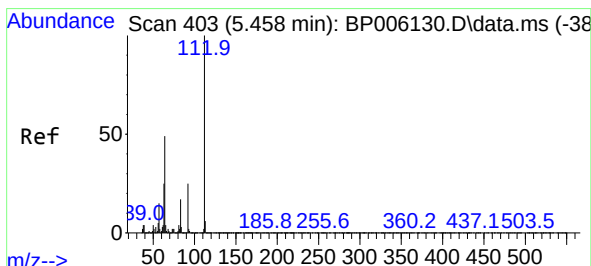
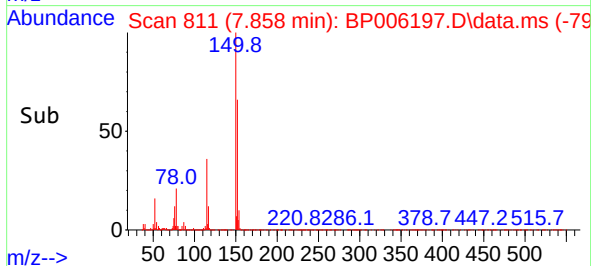
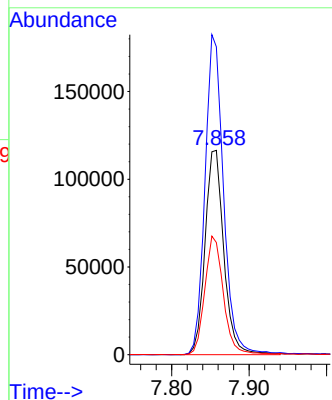
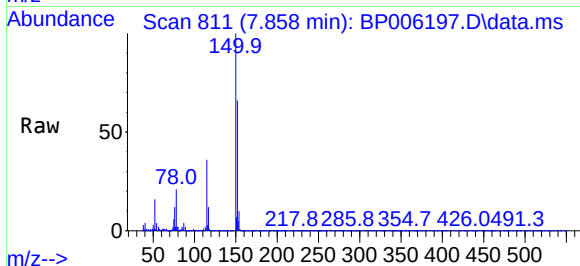




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.858 min Scan# 811  
Delta R.T. -0.005 min  
Lab File: BP006197.D  
Acq: 13 Jul 2021 12:55

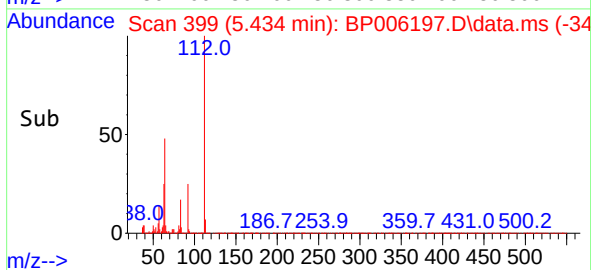
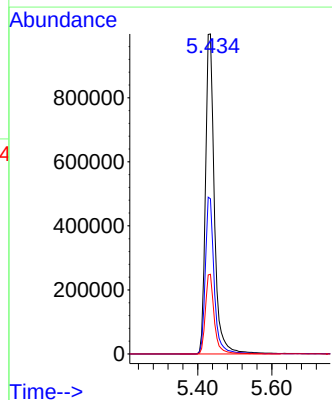
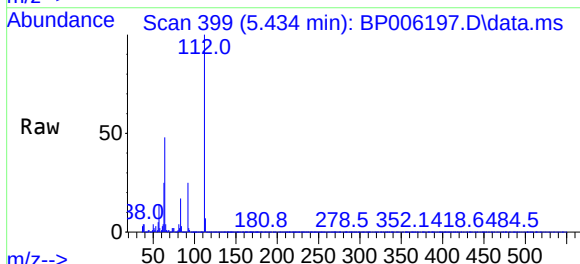
Instrument :  
BNA\_P  
ClientSampleId :  
PB137618BL

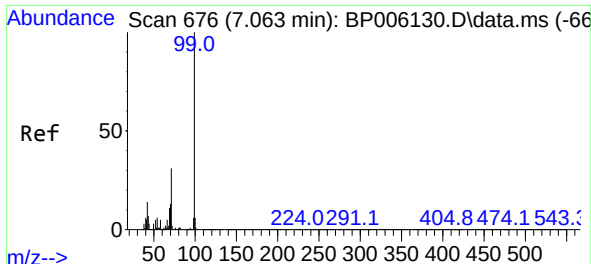
Tgt Ion:152 Resp: 196276  
Ion Ratio Lower Upper  
152 100  
150 150.7 125.6 188.4  
115 54.9 48.5 72.7



#5  
2-Fluorophenol  
Concen: 145.934 ng  
RT: 5.434 min Scan# 399  
Delta R.T. -0.005 min  
Lab File: BP006197.D  
Acq: 13 Jul 2021 12:55

Tgt Ion:112 Resp: 1664691  
Ion Ratio Lower Upper  
112 100  
64 48.5 41.4 62.2  
63 24.9 23.8 35.8



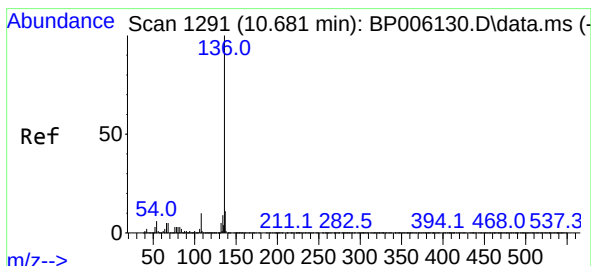
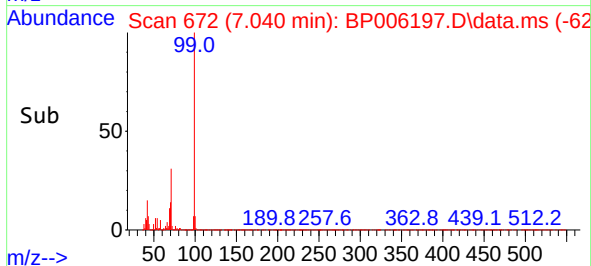
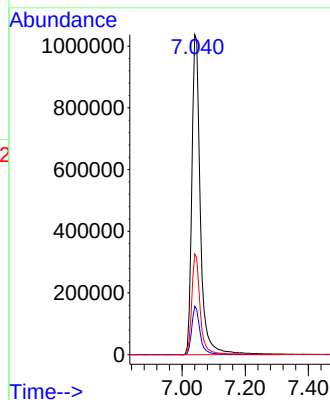
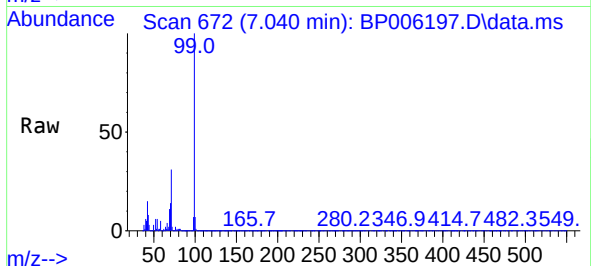


#7  
Phenol-d6  
Concen: 129.241 ng  
RT: 7.040 min Scan# 672  
Delta R.T. -0.005 min  
Lab File: BP006197.D  
Acq: 13 Jul 2021 12:55

Instrument :  
BNA\_P  
ClientSampleId :  
PB137618BL

Tgt Ion: 99 Resp: 1950052

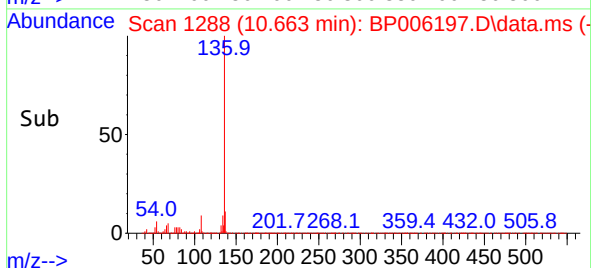
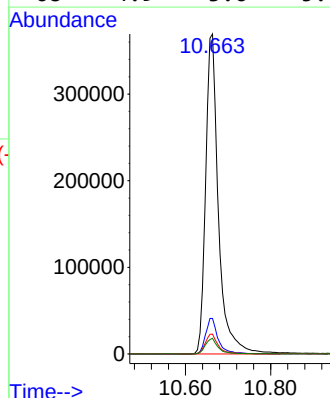
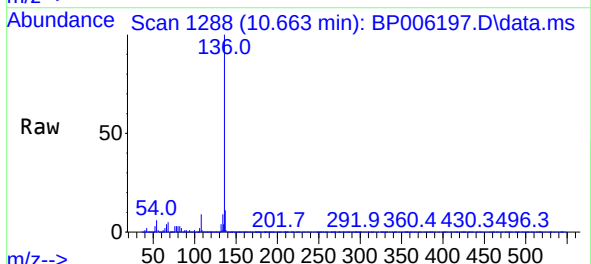
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 15.1  | 13.4  | 20.0  |
| 71  | 31.5  | 30.6  | 46.0  |

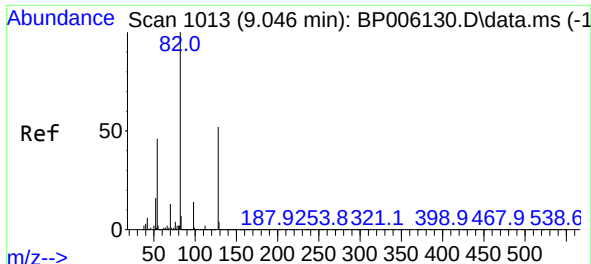


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.663 min Scan# 1288  
Delta R.T. 0.000 min  
Lab File: BP006197.D  
Acq: 13 Jul 2021 12:55

Tgt Ion: 136 Resp: 770141

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 11.1  | 8.6   | 12.8  |
| 54  | 6.2   | 4.6   | 6.8   |
| 68  | 4.9   | 3.6   | 5.4   |

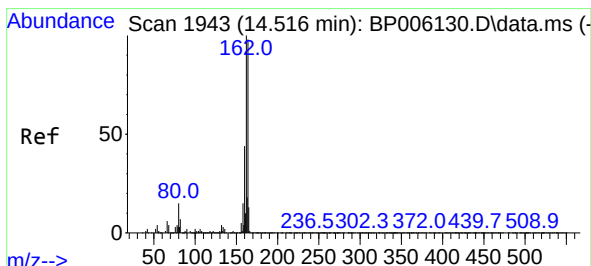
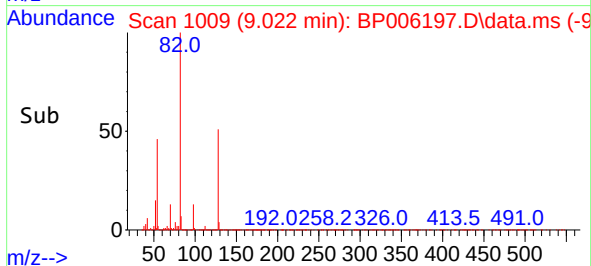
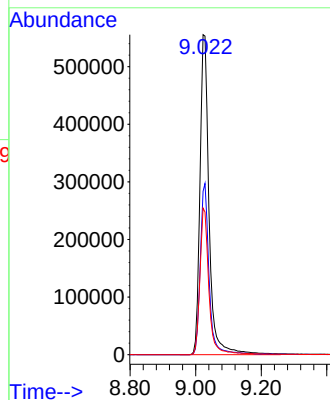
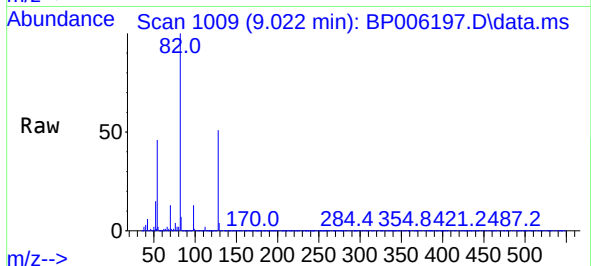




#23  
Nitrobenzene-d5  
Concen: 88.688 ng  
RT: 9.022 min Scan# 1009  
Delta R.T. -0.011 min  
Lab File: BP006197.D  
Acq: 13 Jul 2021 12:55

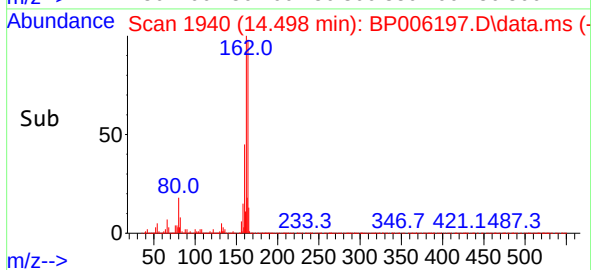
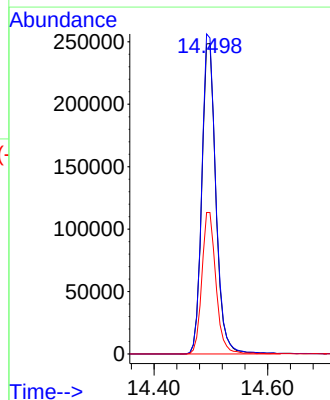
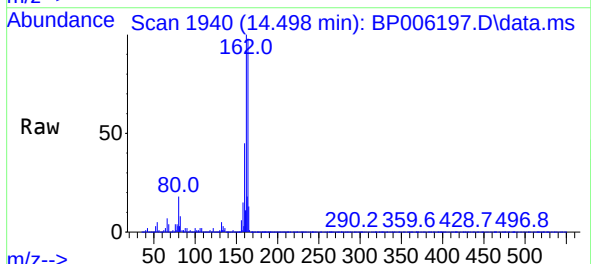
Instrument :  
BNA\_P  
ClientSampleId :  
PB137618BL

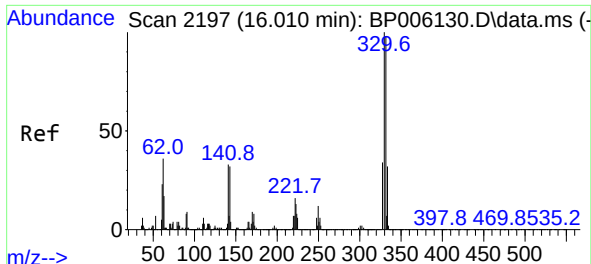
Tgt Ion: 82 Resp: 1081328  
Ion Ratio Lower Upper  
82 100  
128 51.1 35.7 53.5  
54 45.8 35.0 52.4



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.498 min Scan# 1940  
Delta R.T. 0.000 min  
Lab File: BP006197.D  
Acq: 13 Jul 2021 12:55

Tgt Ion: 164 Resp: 428432  
Ion Ratio Lower Upper  
164 100  
162 101.8 80.2 120.2  
160 45.6 34.5 51.7

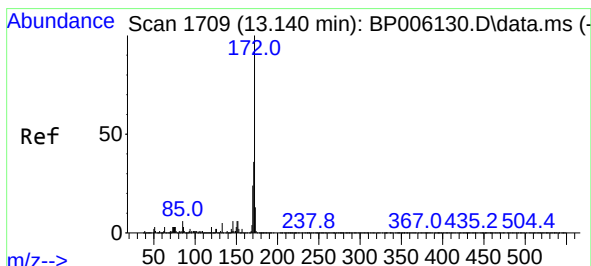
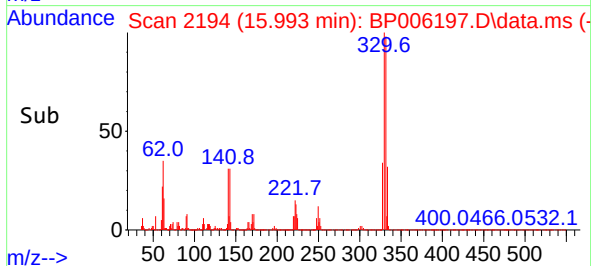
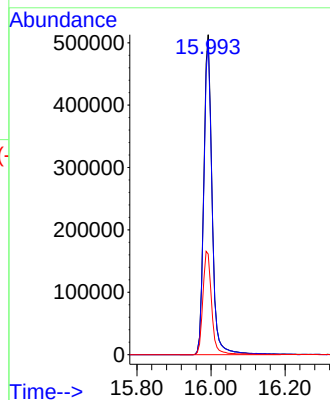
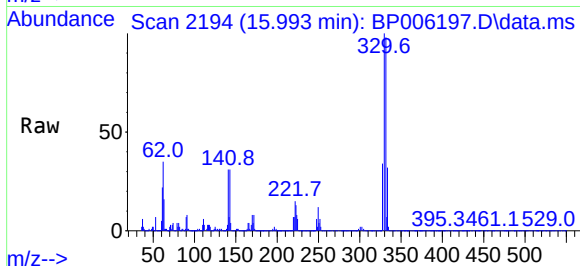




#42  
2,4,6-Tribromophenol  
Concen: 156.398 ng  
RT: 15.993 min Scan# 2194  
Delta R.T. -0.005 min  
Lab File: BP006197.D  
Acq: 13 Jul 2021 12:55

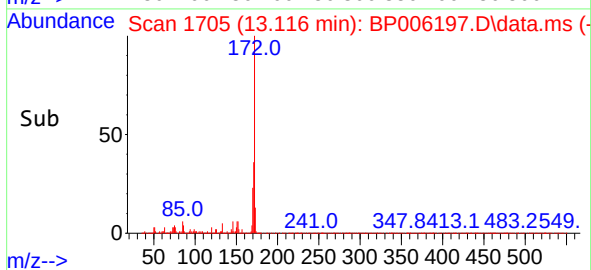
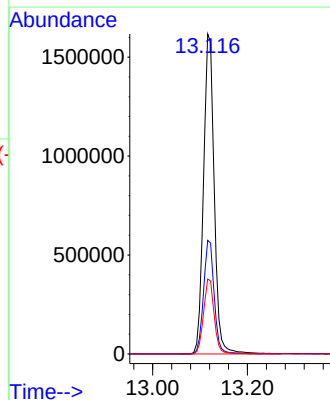
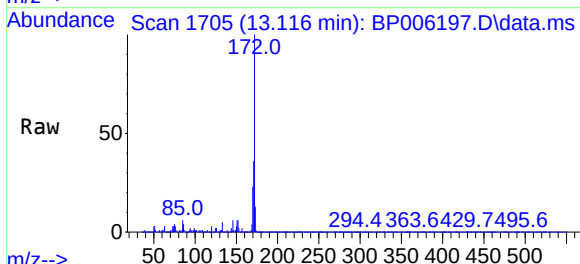
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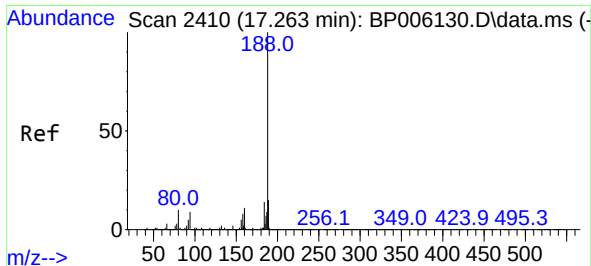
Tgt Ion:330 Resp: 797750  
Ion Ratio Lower Upper  
330 100  
332 97.7 77.8 116.8  
141 33.7 25.4 38.2



#45  
2-Fluorobiphenyl  
Concen: 87.355 ng  
RT: 13.116 min Scan# 1705  
Delta R.T. -0.005 min  
Lab File: BP006197.D  
Acq: 13 Jul 2021 12:55

Tgt Ion:172 Resp: 2531595  
Ion Ratio Lower Upper  
172 100  
171 35.5 27.9 41.9  
170 23.4 18.6 27.8

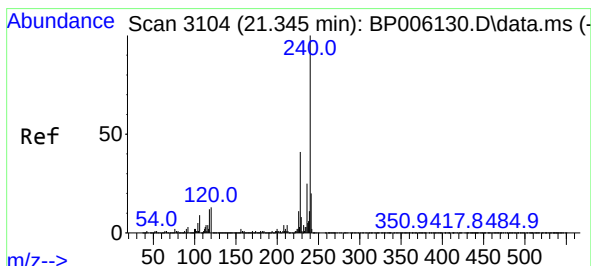
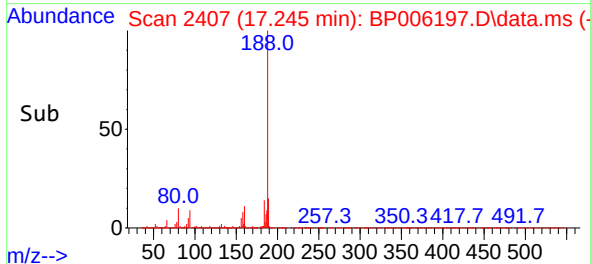
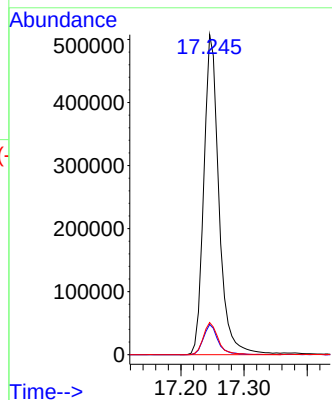
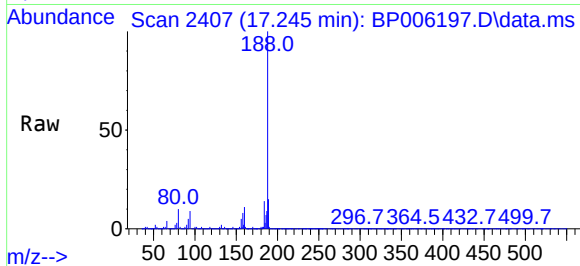




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.245 min Scan# 2407  
Delta R.T. -0.005 min  
Lab File: BP006197.D  
Acq: 13 Jul 2021 12:55

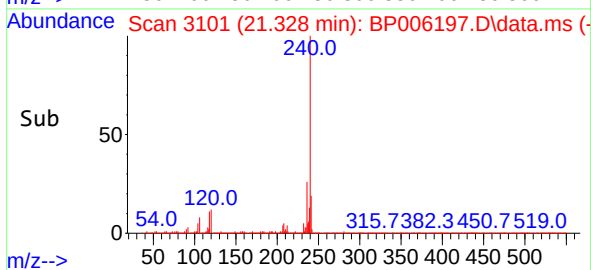
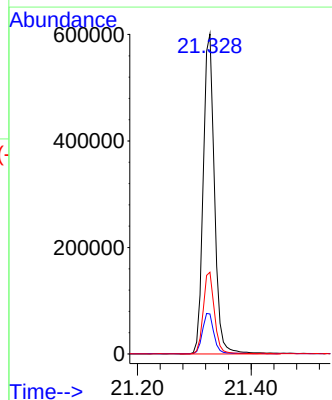
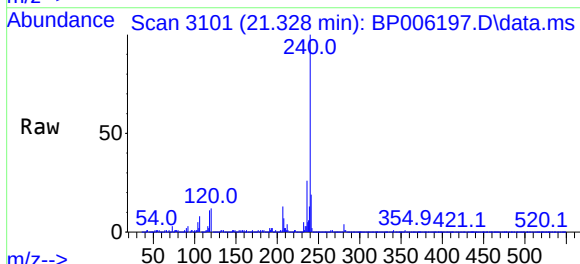
Instrument :  
BNA\_P  
ClientSampleId :  
PB137618BL

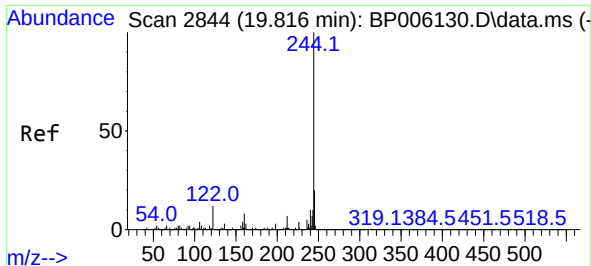
Tgt Ion:188 Resp: 847918  
Ion Ratio Lower Upper  
188 100  
94 9.5 5.6 8.4#  
80 10.1 6.3 9.5#



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.328 min Scan# 3101  
Delta R.T. 0.001 min  
Lab File: BP006197.D  
Acq: 13 Jul 2021 12:55

Tgt Ion:240 Resp: 823624  
Ion Ratio Lower Upper  
240 100  
120 12.5 6.5 9.7#  
236 25.5 20.6 31.0

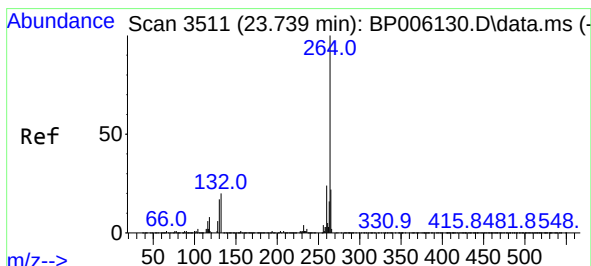
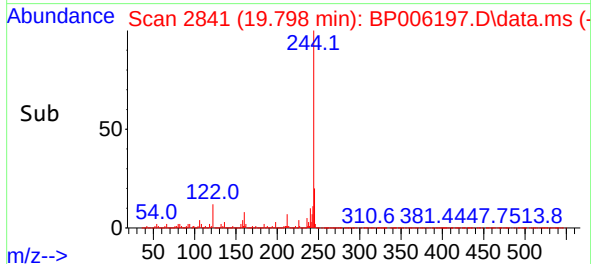
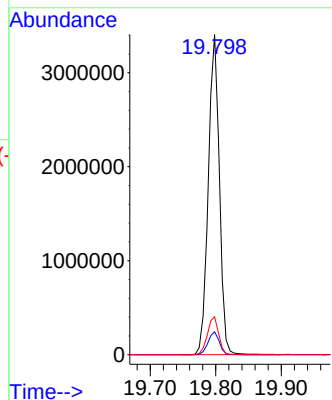
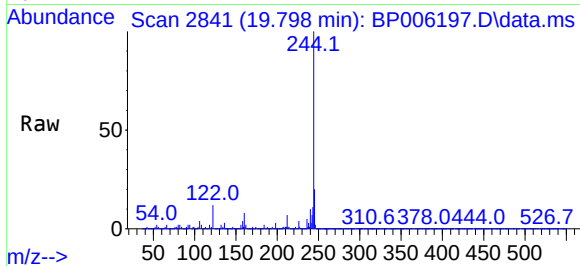




#79  
Terphenyl-d14  
Concen: 95.994 ng  
RT: 19.798 min Scan# 2841  
Delta R.T. -0.005 min  
Lab File: BP006197.D  
Acq: 13 Jul 2021 12:55

Instrument :  
BNA\_P  
ClientSampleId :  
PB137618BL

Tgt Ion:244 Resp: 4010038  
Ion Ratio Lower Upper  
244 100  
212 7.2 6.0 9.0  
122 11.9 7.1 10.7#



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 23.710 min Scan# 3506  
Delta R.T. -0.005 min  
Lab File: BP006197.D  
Acq: 13 Jul 2021 12:55

Tgt Ion:264 Resp: 999798  
Ion Ratio Lower Upper  
264 100  
260 23.7 18.6 28.0  
265 22.5 17.6 26.4

