

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP092321\  
 Data File : BP007118.D  
 Acq On : 23 Sep 2021 10:20  
 Operator : CG/JU  
 Sample : PB139271BL  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 PB139271BL

Quant Time: Sep 23 11:14:32 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP092121.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Sep 21 16:50:24 2021  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.893  | 152  | 249151   | 20.000  | ng    | -0.01    |
| 21) Naphthalene-d8          | 10.693 | 136  | 1008199  | 20.000  | ng    | #-0.01   |
| 39) Acenaphthene-d10        | 14.522 | 164  | 676165   | 20.000  | ng    | -0.01    |
| 64) Phenanthrene-d10        | 17.275 | 188  | 1482021  | 20.000  | ng    | # 0.00   |
| 76) Chrysene-d12            | 21.357 | 240  | 1432831  | 20.000  | ng    | # 0.00   |
| 86) Perylene-d12            | 23.763 | 264  | 1506940  | 20.000  | ng    | -0.02    |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.469  | 112  | 2034528  | 136.692 | ng    | 0.00     |
| 7) Phenol-d6                | 7.063  | 99   | 2509081  | 123.340 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.057  | 82   | 1433287  | 82.790  | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol    | 16.010 | 330  | 1192906  | 136.081 | ng    | -0.01    |
| 45) 2-Fluorobiphenyl        | 13.151 | 172  | 3803203  | 80.580  | ng    | -0.01    |
| 79) Terphenyl-d14           | 19.827 | 244  | 6306236  | 84.339  | ng    | -0.01    |

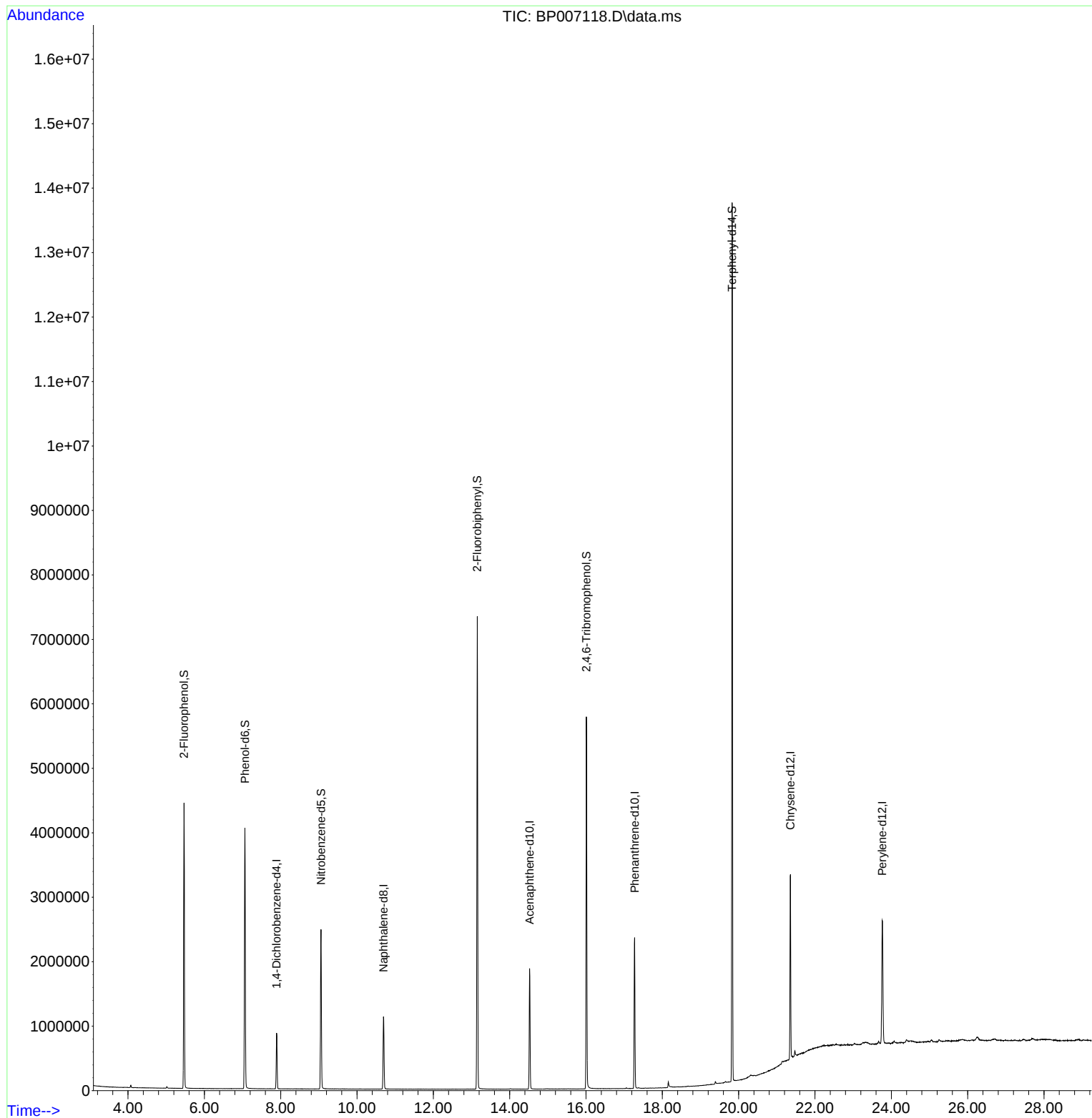
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

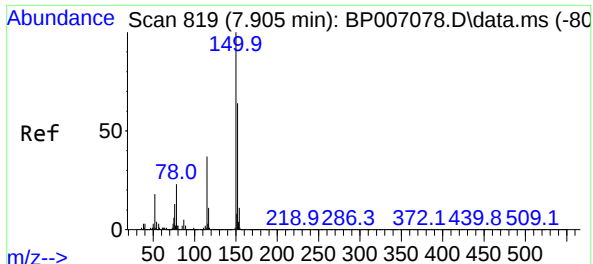
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Sep 21 16:50:24 2021  
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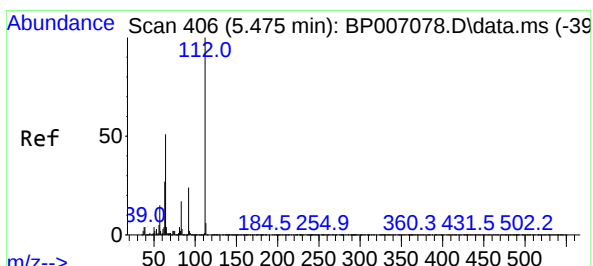
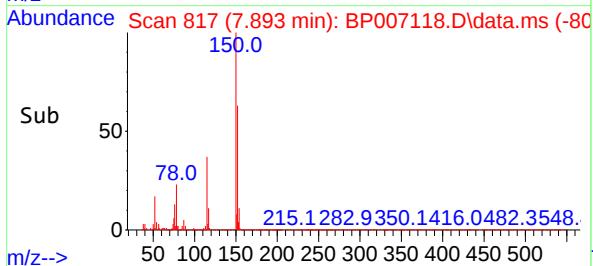
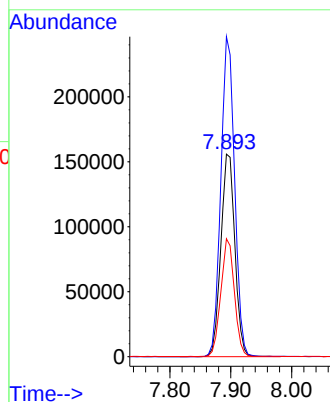
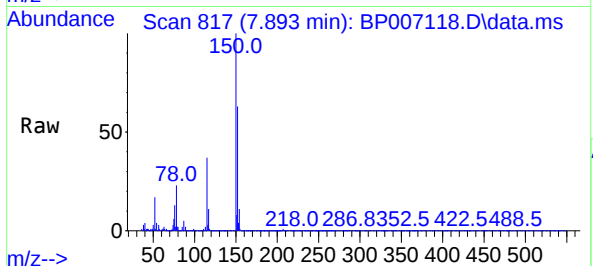




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.893 min Scan# 817  
Delta R.T. -0.012 min  
Lab File: BP007118.D  
Acq: 23 Sep 2021 10:20

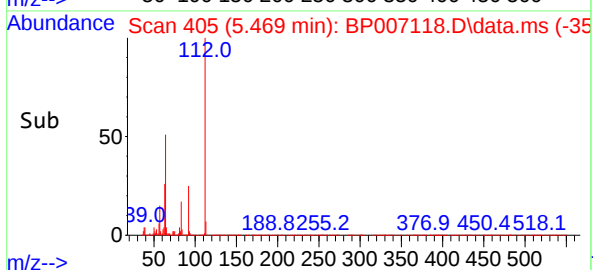
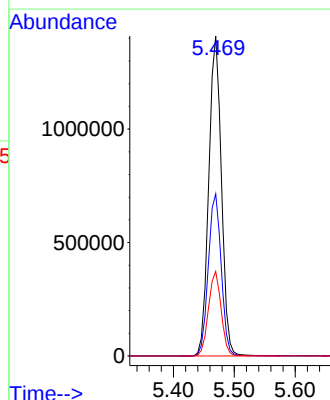
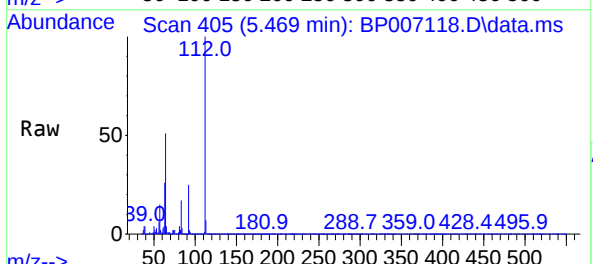
Instrument :  
BNA\_P  
ClientSampleId :  
PB139271BL

Tgt Ion:152 Resp: 249151  
Ion Ratio Lower Upper  
152 100  
150 157.9 125.6 188.4  
115 58.2 48.5 72.7



#5  
2-Fluorophenol  
Concen: 136.692 ng  
RT: 5.469 min Scan# 405  
Delta R.T. -0.006 min  
Lab File: BP007118.D  
Acq: 23 Sep 2021 10:20

Tgt Ion:112 Resp: 2034528  
Ion Ratio Lower Upper  
112 100  
64 50.7 41.4 62.2  
63 26.4 23.8 35.8

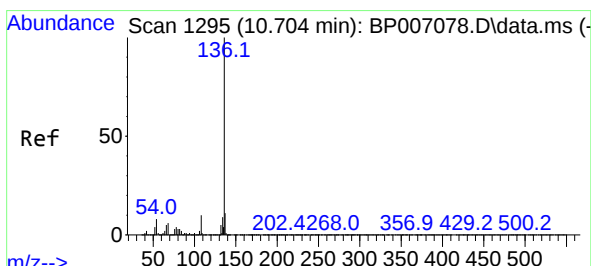
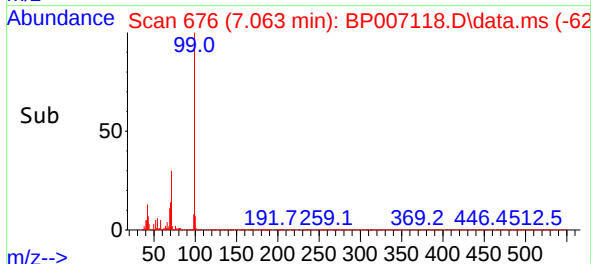
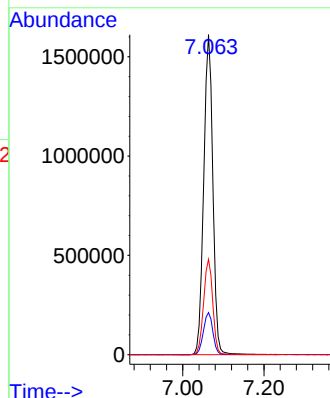
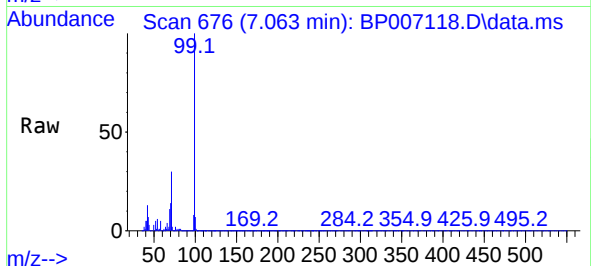




#7  
Phenol-d6  
Concen: 123.340 ng  
RT: 7.063 min Scan# 676  
Delta R.T. -0.006 min  
Lab File: BP007118.D  
Acq: 23 Sep 2021 10:20

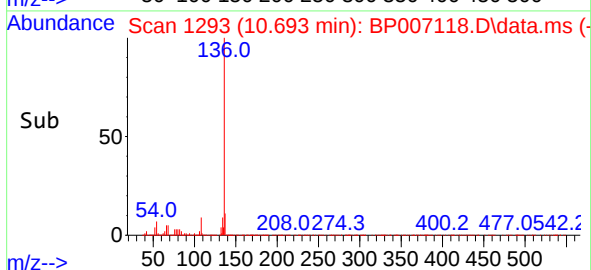
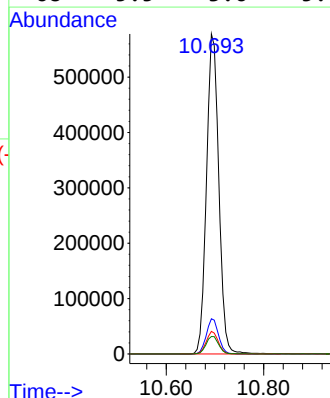
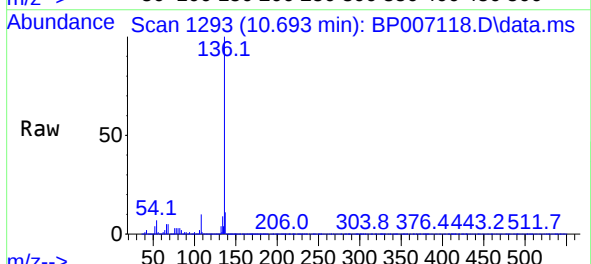
Instrument :  
BNA\_P  
ClientSampleId :  
PB139271BL

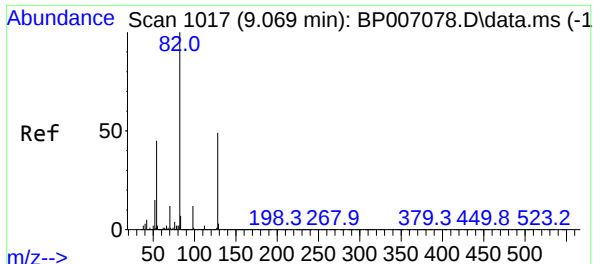
Tgt Ion: 99 Resp: 2509081  
Ion Ratio Lower Upper  
99 100  
42 13.1 13.4 20.0#  
71 29.8 30.6 46.0#



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.693 min Scan# 1293  
Delta R.T. -0.012 min  
Lab File: BP007118.D  
Acq: 23 Sep 2021 10:20

Tgt Ion: 136 Resp: 1008199  
Ion Ratio Lower Upper  
136 100  
137 11.0 8.6 12.8  
54 7.0 4.6 6.8#  
68 5.5 3.6 5.4#



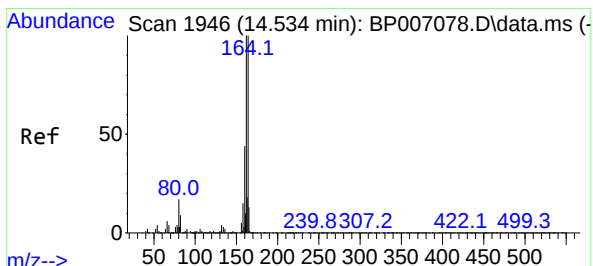
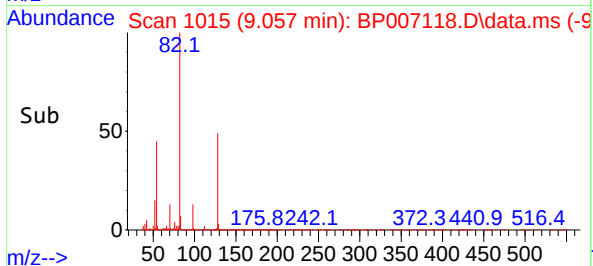
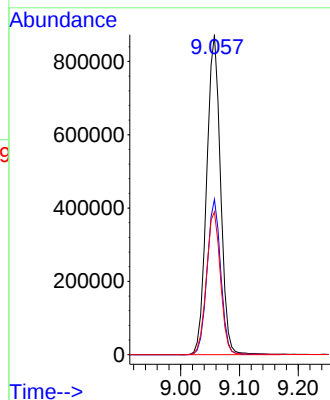
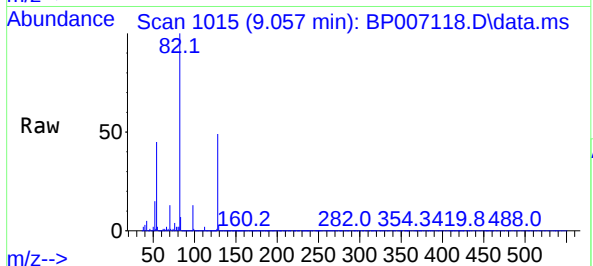


#23  
Nitrobenzene-d5  
Concen: 82.790 ng  
RT: 9.057 min Scan# 1015  
Delta R.T. -0.012 min  
Lab File: BP007118.D  
Acq: 23 Sep 2021 10:20

Instrument :  
BNA\_P  
ClientSampleId :  
PB139271BL

Tgt Ion: 82 Resp: 1433287

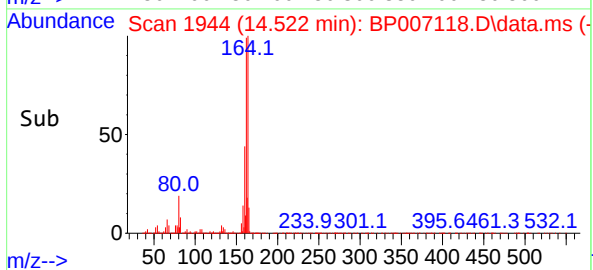
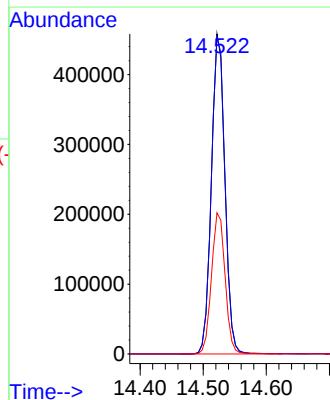
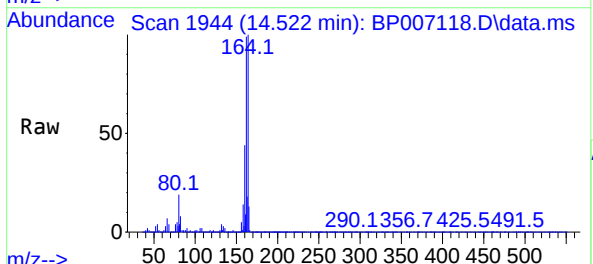
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 48.6  | 35.7  | 53.5  |
| 54  | 44.7  | 35.0  | 52.4  |

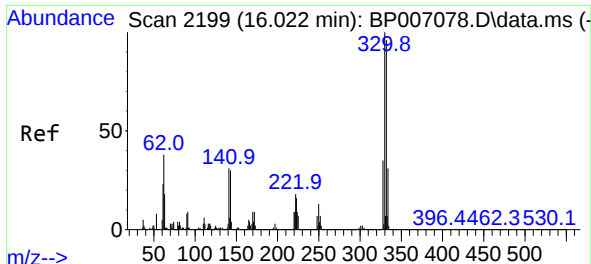


#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.522 min Scan# 1944  
Delta R.T. -0.012 min  
Lab File: BP007118.D  
Acq: 23 Sep 2021 10:20

Tgt Ion: 164 Resp: 676165

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 162 | 99.1  | 80.2  | 120.2 |
| 160 | 44.1  | 34.5  | 51.7  |

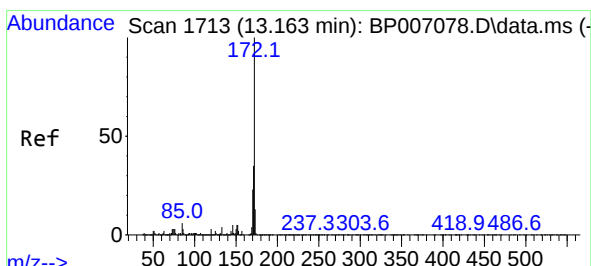
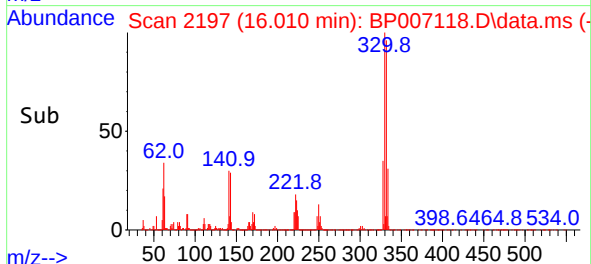
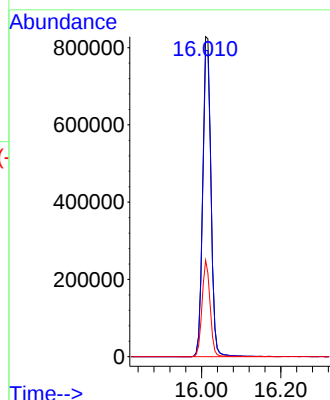
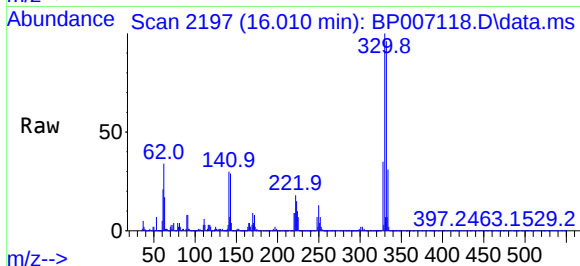




#42  
2,4,6-Tribromophenol  
Concen: 136.081 ng  
RT: 16.010 min Scan# 2197  
Delta R.T. -0.012 min  
Lab File: BP007118.D  
Acq: 23 Sep 2021 10:20

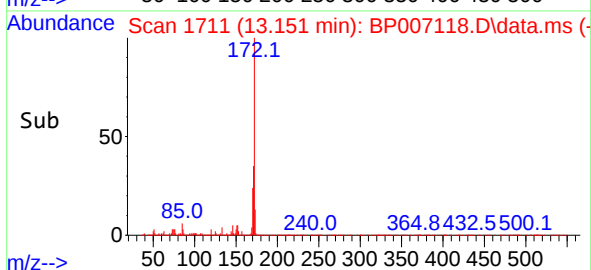
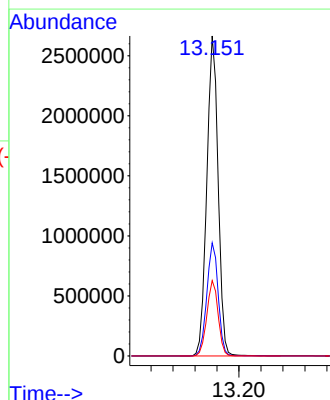
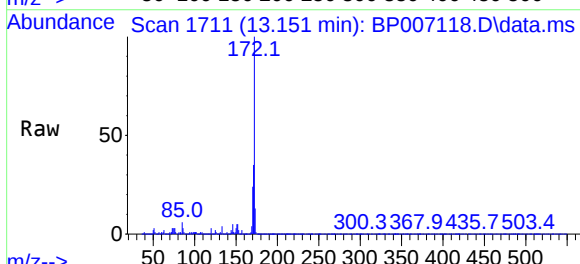
Instrument :  
BNA\_P  
ClientSampleId :  
PB139271BL

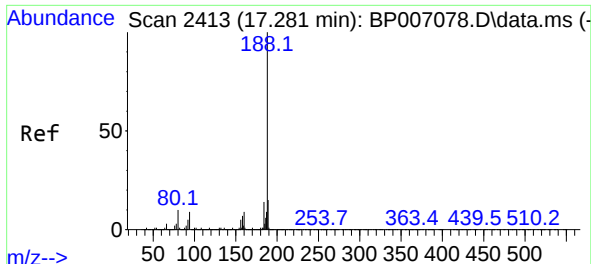
Tgt Ion:330 Resp: 1192906  
Ion Ratio Lower Upper  
330 100  
332 96.6 77.8 116.8  
141 29.4 25.4 38.2



#45  
2-Fluorobiphenyl  
Concen: 80.580 ng  
RT: 13.151 min Scan# 1711  
Delta R.T. -0.012 min  
Lab File: BP007118.D  
Acq: 23 Sep 2021 10:20

Tgt Ion:172 Resp: 3803203  
Ion Ratio Lower Upper  
172 100  
171 35.3 27.9 41.9  
170 23.6 18.6 27.8

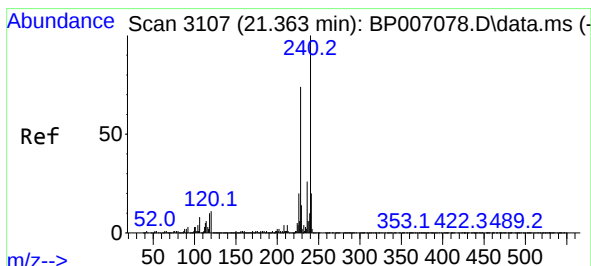
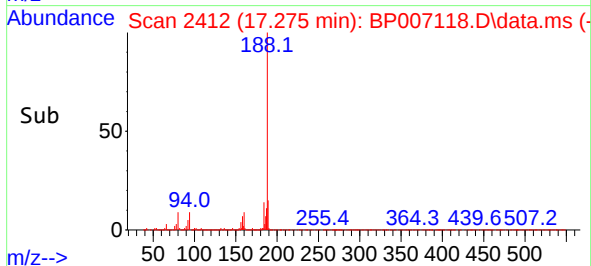
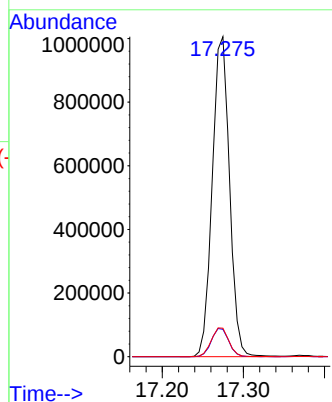
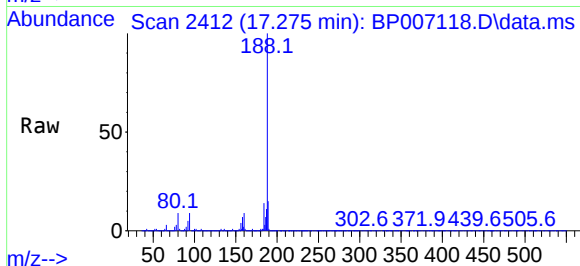




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.275 min Scan# 2412  
Delta R.T. -0.006 min  
Lab File: BP007118.D  
Acq: 23 Sep 2021 10:20

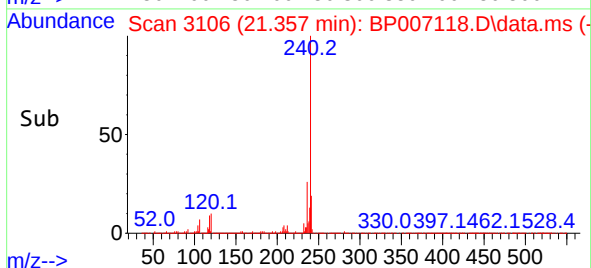
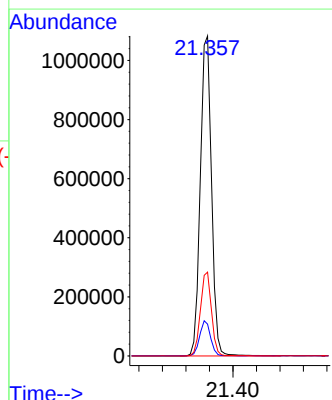
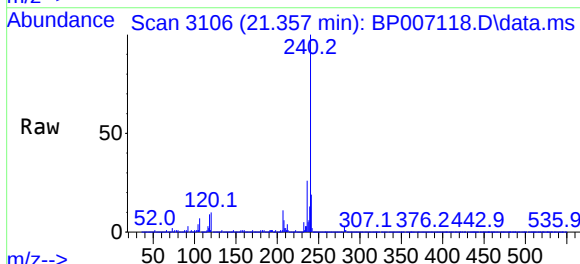
Instrument :  
BNA\_P  
ClientSampleId :  
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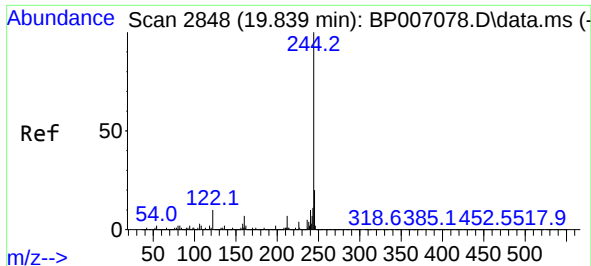
Tgt Ion:188 Resp: 1482021  
Ion Ratio Lower Upper  
188 100  
94 8.5 5.6 8.4#  
80 8.9 6.3 9.5



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.357 min Scan# 3106  
Delta R.T. -0.006 min  
Lab File: BP007118.D  
Acq: 23 Sep 2021 10:20

Tgt Ion:240 Resp: 1432831  
Ion Ratio Lower Upper  
240 100  
120 9.9 6.5 9.7#  
236 26.2 20.6 31.0

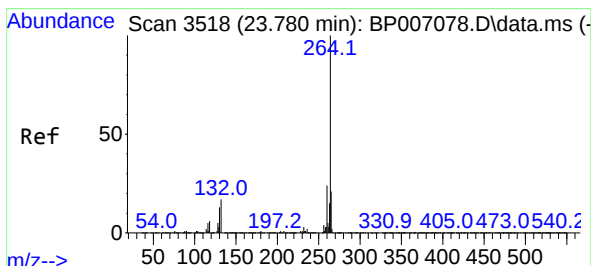
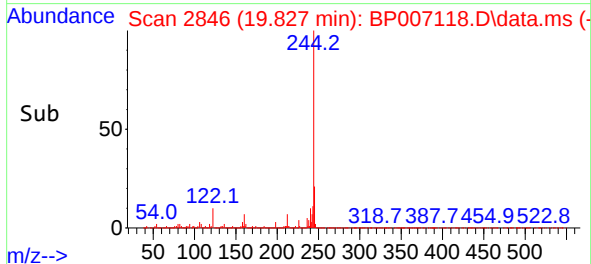
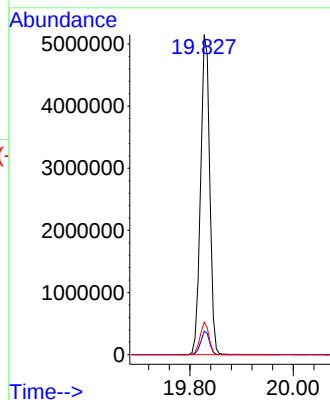
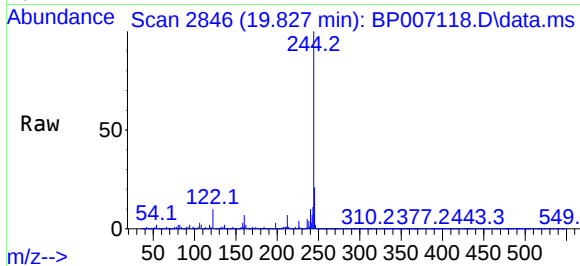




#79  
Terphenyl-d14  
Concen: 84.339 ng  
RT: 19.827 min Scan# 2846  
Delta R.T. -0.012 min  
Lab File: BP007118.D  
Acq: 23 Sep 2021 10:20

Instrument :  
BNA\_P  
ClientSampleId :  
PB139271BL

Tgt Ion:244 Resp: 6306236  
Ion Ratio Lower Upper  
244 100  
212 7.3 6.0 9.0  
122 10.1 7.1 10.7



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 23.763 min Scan# 3515  
Delta R.T. -0.018 min  
Lab File: BP007118.D  
Acq: 23 Sep 2021 10:20

Tgt Ion:264 Resp: 1506940  
Ion Ratio Lower Upper  
264 100  
260 23.7 18.6 28.0  
265 22.2 17.6 26.4

