

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP100621\  
 Data File : BP007360.D  
 Acq On : 06 Oct 2021 18:35  
 Operator : CG/JU  
 Sample : M4046-04  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 TP-1-(4.5-5.0)

Quant Time: Oct 07 01:47:19 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP092121.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Oct 01 12:49:05 2021  
 Response via : Initial Calibration

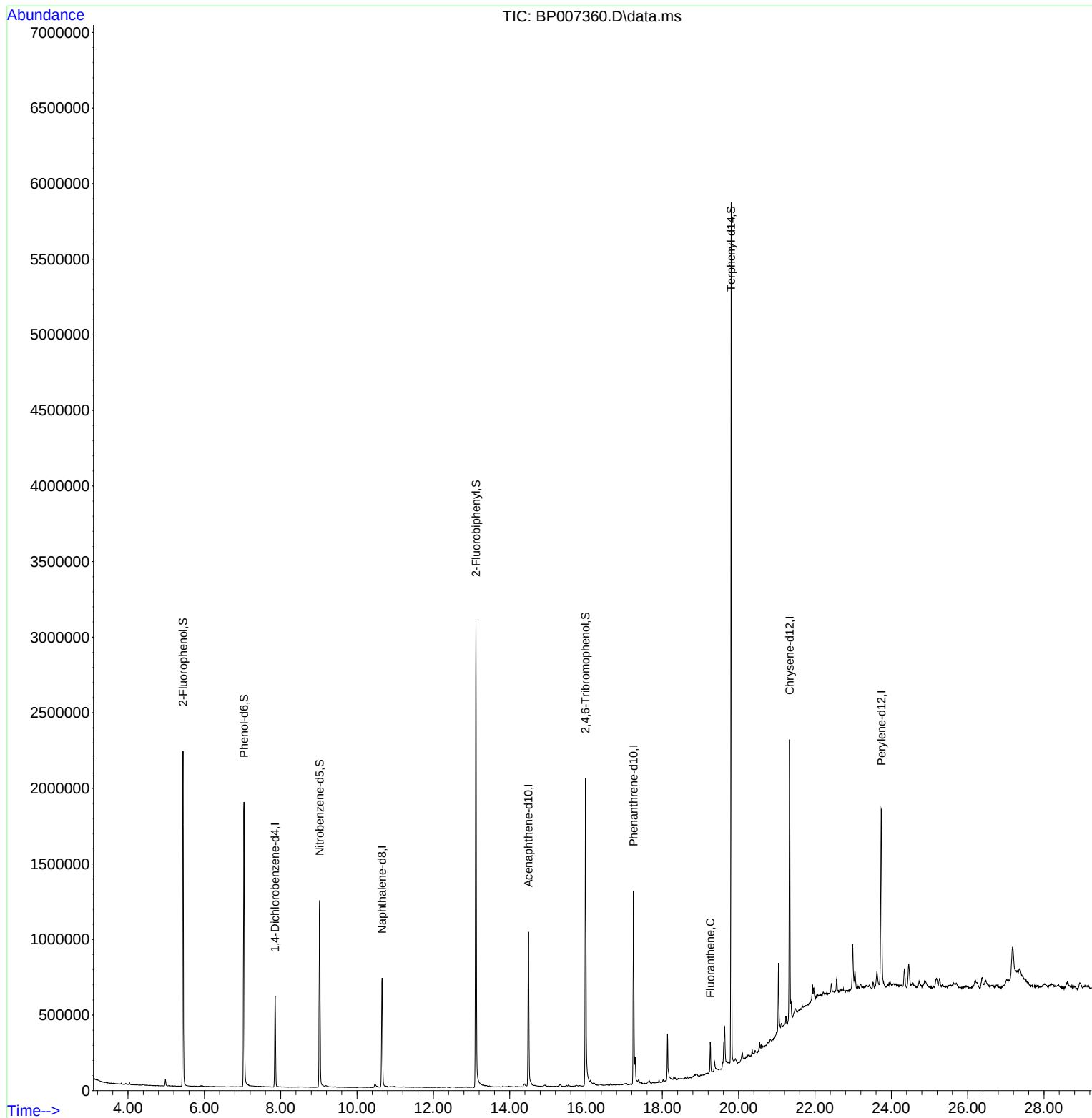
| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|--------|------|----------|--------|-------|----------|
| -----                       |        |      |          |        |       |          |
| Internal Standards          |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.858  | 152  | 169138   | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.657 | 136  | 661406   | 20.00  | ng    | # 0.00   |
| 39) Acenaphthene-d10        | 14.493 | 164  | 405893   | 20.00  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.245 | 188  | 849871   | 20.00  | ng    | # 0.00   |
| 76) Chrysene-d12            | 21.333 | 240  | 888266   | 20.00  | ng    | # 0.00   |
| 86) Perylene-d12            | 23.739 | 264  | 937248   | 20.00  | ng    | 0.00     |
|                             |        |      |          |        |       |          |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.440  | 112  | 1021905  | 101.14 | ng    | -0.01    |
| 7) Phenol-d6                | 7.040  | 99   | 1227046  | 88.85  | ng    | -0.01    |
| 23) Nitrobenzene-d5         | 9.022  | 82   | 749794   | 66.02  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 15.987 | 330  | 470865   | 89.48  | ng    | -0.01    |
| 45) 2-Fluorobiphenyl        | 13.116 | 172  | 1763271  | 62.24  | ng    | -0.01    |
| 79) Terphenyl-d14           | 19.804 | 244  | 2637341  | 56.90  | ng    | 0.00     |
|                             |        |      |          |        |       |          |
| Target Compounds            |        |      |          |        |       | Qvalue   |
| 75) Fluoranthene            | 19.257 | 202  | 111327   | 2.12   | ng    | 97       |
| -----                       |        |      |          |        |       |          |

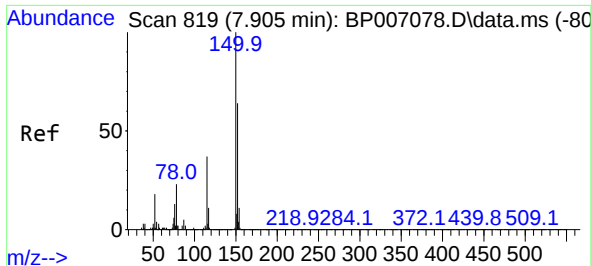
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP100621\  
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Sample : M4046-04  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

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QLast Update : Fri Oct 01 12:49:05 2021  
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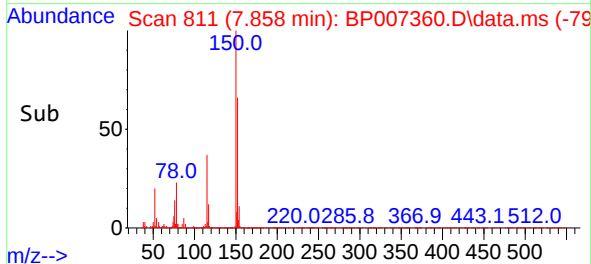
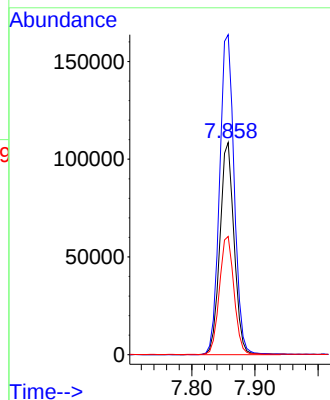
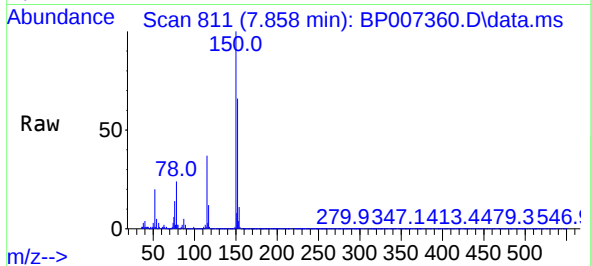




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 7.858 min Scan# 811  
Delta R.T. -0.005 min  
Lab File: BP007360.D  
Acq: 06 Oct 2021 18:35

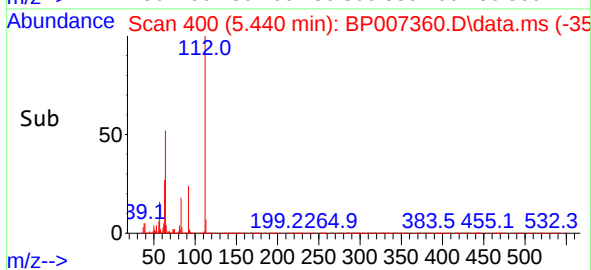
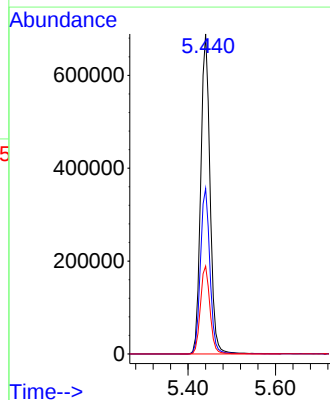
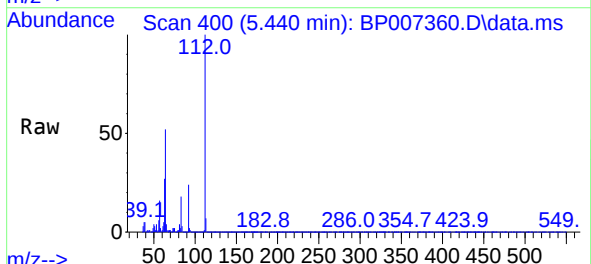
Instrument :  
BNA\_P  
ClientSampleId :  
TP-1-(4.5-5.0)

Tgt Ion:152 Resp: 169138  
Ion Ratio Lower Upper  
152 100  
150 150.9 125.6 188.4  
115 55.8 48.5 72.7



#5  
2-Fluorophenol  
Concen: 101.14 ng  
RT: 5.440 min Scan# 400  
Delta R.T. -0.011 min  
Lab File: BP007360.D  
Acq: 06 Oct 2021 18:35

Tgt Ion:112 Resp: 1021905  
Ion Ratio Lower Upper  
112 100  
64 51.7 41.4 62.2  
63 27.4 23.8 35.8

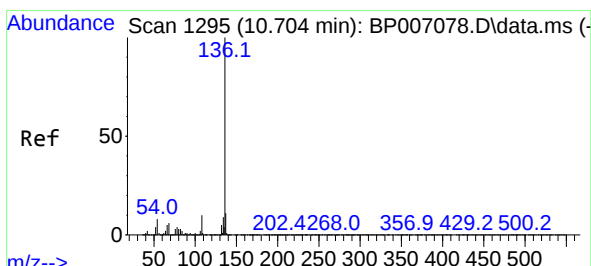
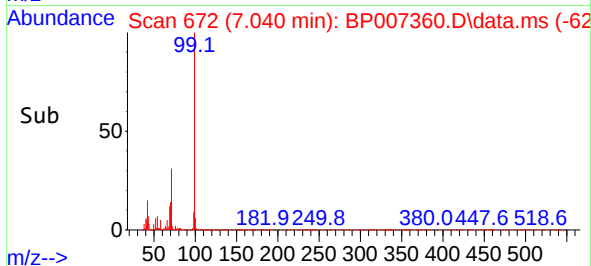
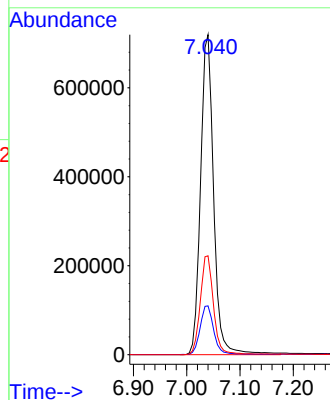
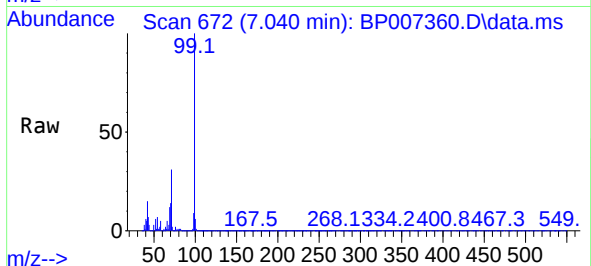




#7  
Phenol-d6  
Concen: 88.85 ng  
RT: 7.040 min Scan# 672  
Delta R.T. -0.011 min  
Lab File: BP007360.D  
Acq: 06 Oct 2021 18:35

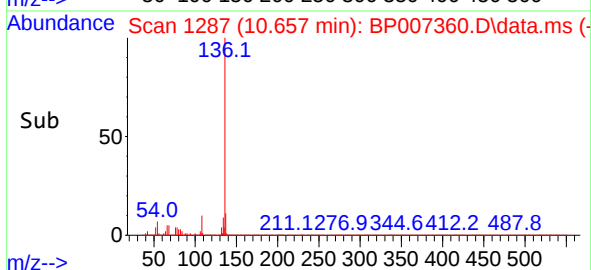
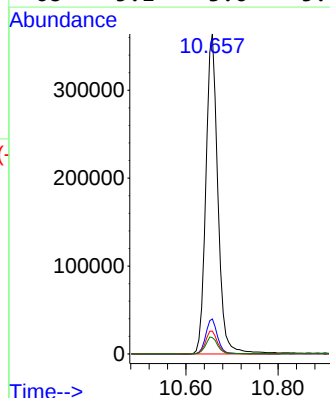
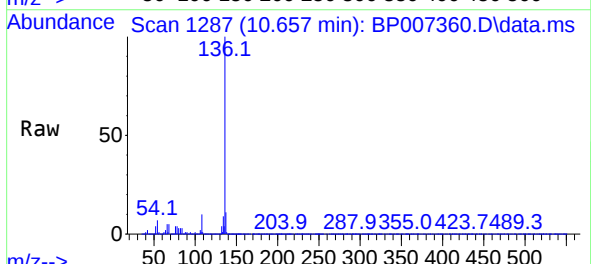
Instrument :  
BNA\_P  
ClientSampleId :  
TP-1-(4.5-5.0)

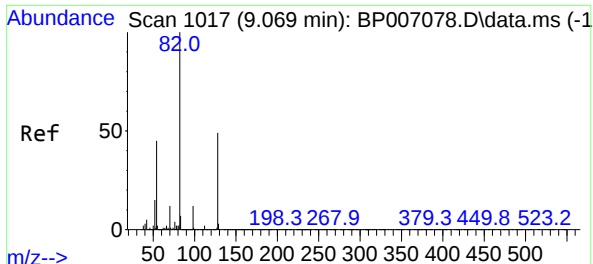
Tgt Ion: 99 Resp: 1227046  
Ion Ratio Lower Upper  
99 100  
42 15.2 13.4 20.0  
71 30.9 30.6 46.0



#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 10.657 min Scan# 1287  
Delta R.T. -0.006 min  
Lab File: BP007360.D  
Acq: 06 Oct 2021 18:35

Tgt Ion: 136 Resp: 661406  
Ion Ratio Lower Upper  
136 100  
137 11.0 8.6 12.8  
54 7.1 4.6 6.8#  
68 5.1 3.6 5.4

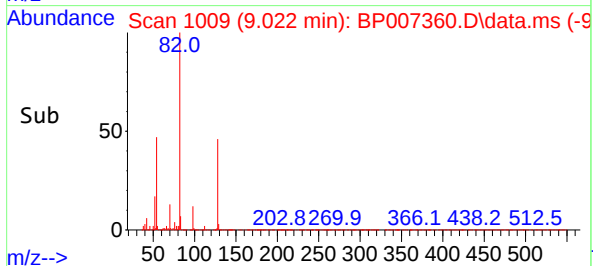
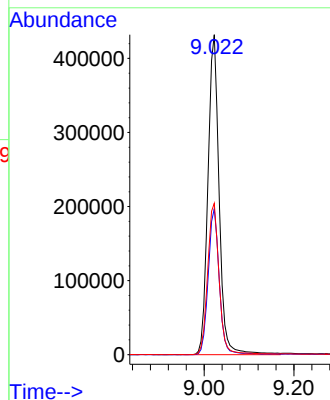
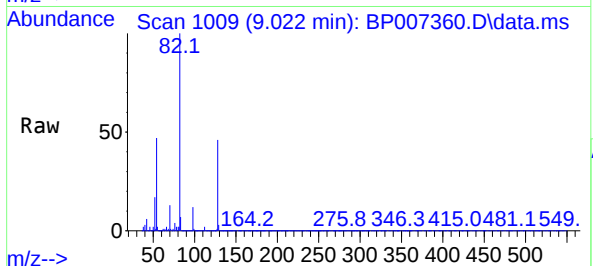




#23  
Nitrobenzene-d5  
Concen: 66.02 ng  
RT: 9.022 min Scan# 1009  
Delta R.T. -0.005 min  
Lab File: BP007360.D  
Acq: 06 Oct 2021 18:35

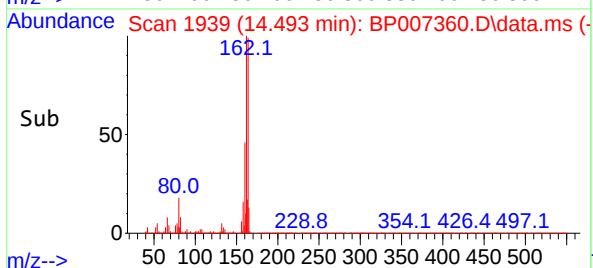
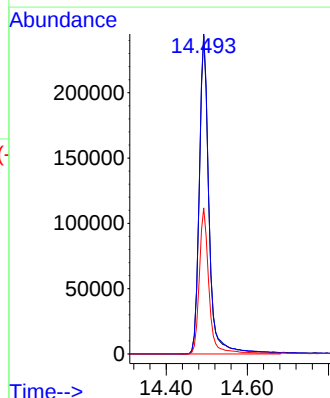
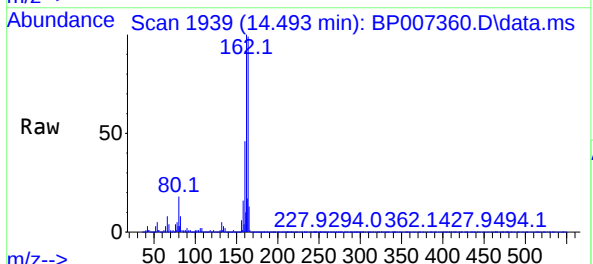
Instrument :  
BNA\_P  
ClientSampleId :  
TP-1-(4.5-5.0)

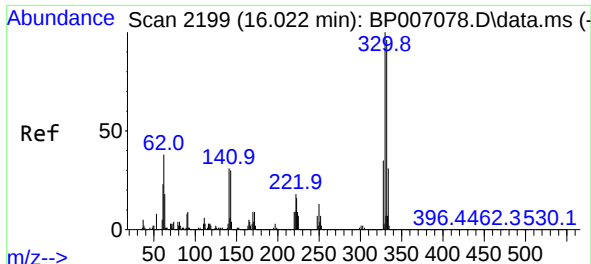
Tgt Ion: 82 Resp: 749794  
Ion Ratio Lower Upper  
82 100  
128 45.6 35.7 53.5  
54 47.3 35.0 52.4



#39  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 14.493 min Scan# 1939  
Delta R.T. -0.005 min  
Lab File: BP007360.D  
Acq: 06 Oct 2021 18:35

Tgt Ion: 164 Resp: 405893  
Ion Ratio Lower Upper  
164 100  
162 100.6 80.2 120.2  
160 45.9 34.5 51.7

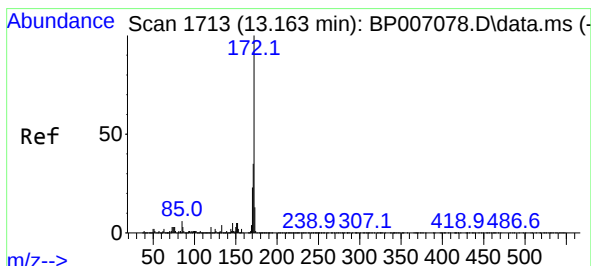
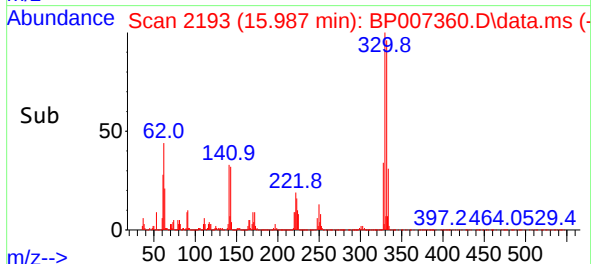
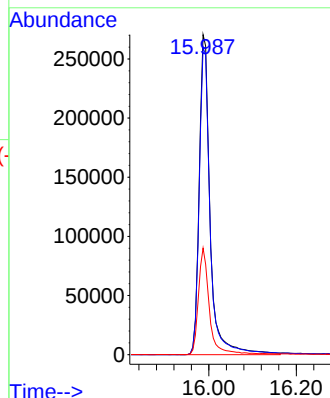
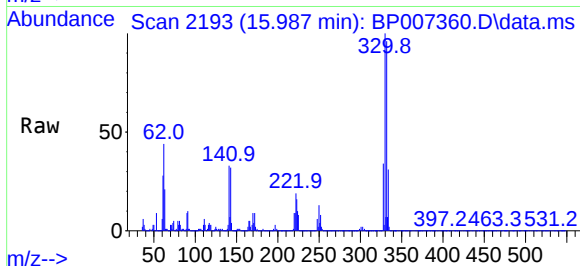




#42  
2,4,6-Tribromophenol  
Concen: 89.48 ng  
RT: 15.987 min Scan# 2193  
Delta R.T. -0.011 min  
Lab File: BP007360.D  
Acq: 06 Oct 2021 18:35

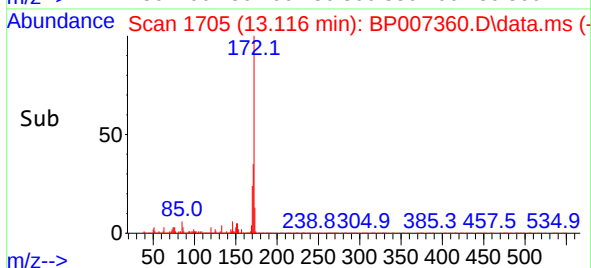
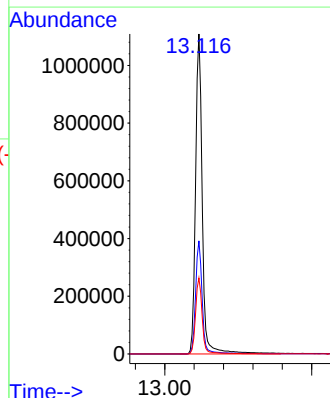
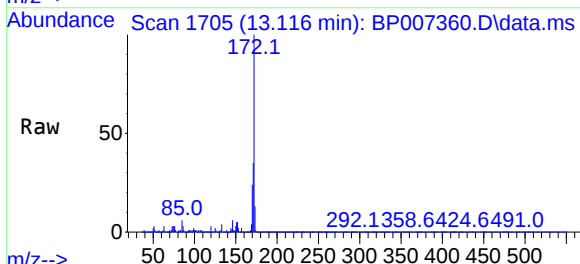
Instrument :  
BNA\_P  
ClientSampleId :  
TP-1-(4.5-5.0)

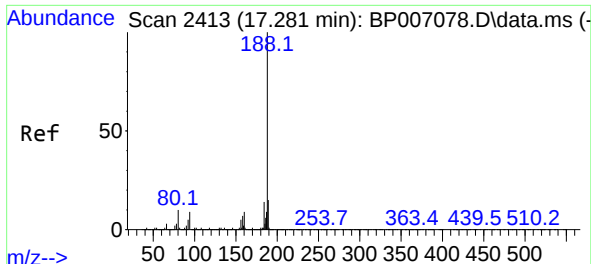
Tgt Ion:330 Resp: 470865  
Ion Ratio Lower Upper  
330 100  
332 97.0 77.8 116.8  
141 33.4 25.4 38.2



#45  
2-Fluorobiphenyl  
Concen: 62.24 ng  
RT: 13.116 min Scan# 1705  
Delta R.T. -0.011 min  
Lab File: BP007360.D  
Acq: 06 Oct 2021 18:35

Tgt Ion:172 Resp: 1763271  
Ion Ratio Lower Upper  
172 100  
171 35.4 27.9 41.9  
170 23.7 18.6 27.8

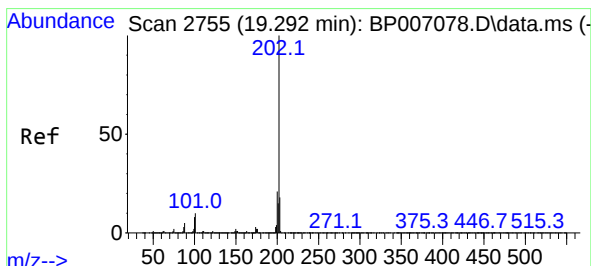
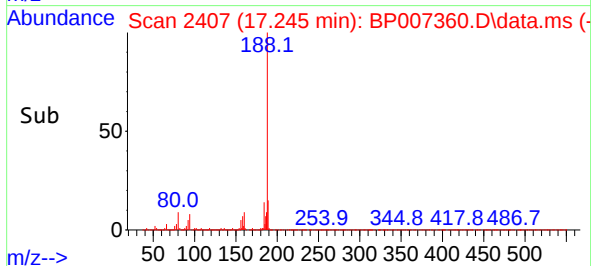
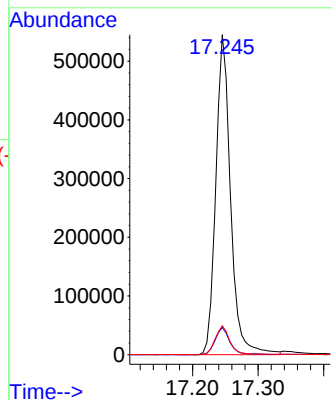
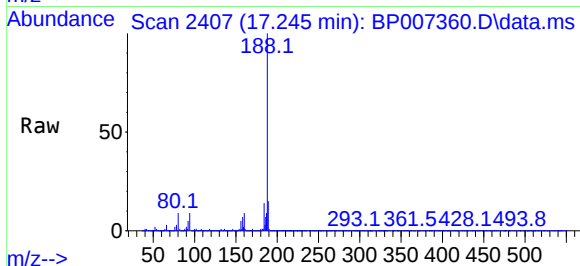




#64  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 17.245 min Scan# 2407  
Delta R.T. -0.006 min  
Lab File: BP007360.D  
Acq: 06 Oct 2021 18:35

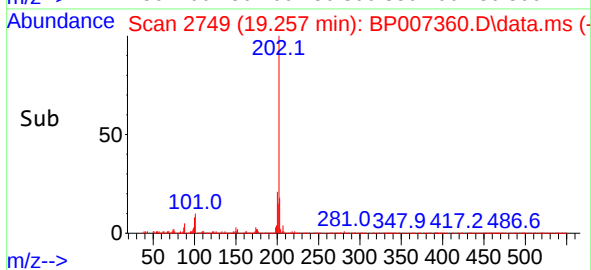
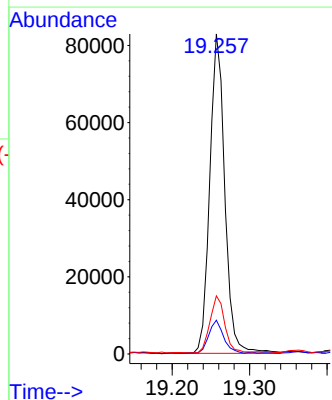
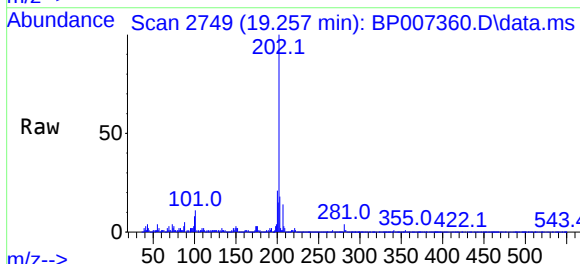
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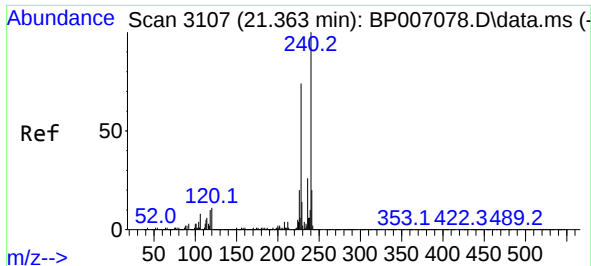
Tgt Ion:188 Resp: 849871  
Ion Ratio Lower Upper  
188 100  
94 8.5 5.6 8.4#  
80 9.1 6.3 9.5



#75  
Fluoranthene  
Concen: 2.12 ng  
RT: 19.257 min Scan# 2749  
Delta R.T. -0.006 min  
Lab File: BP007360.D  
Acq: 06 Oct 2021 18:35

Tgt Ion:202 Resp: 111327  
Ion Ratio Lower Upper  
202 100  
101 10.5 0.0 27.6  
203 18.1 0.0 37.8

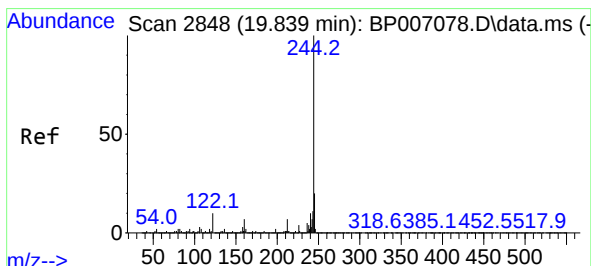
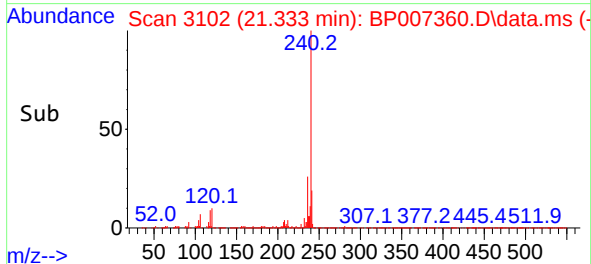
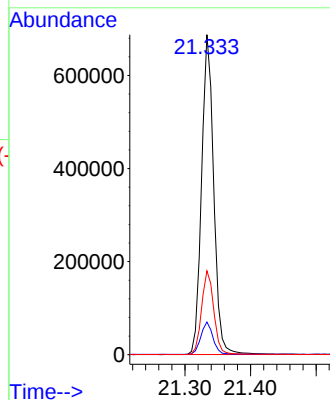
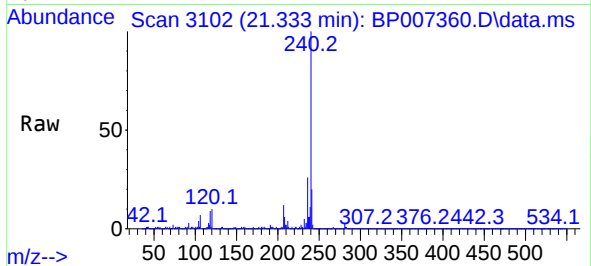




#76  
Chrysene-d12  
Concen: 20.00 ng  
RT: 21.333 min Scan# 3102  
Delta R.T. -0.005 min  
Lab File: BP007360.D  
Acq: 06 Oct 2021 18:35

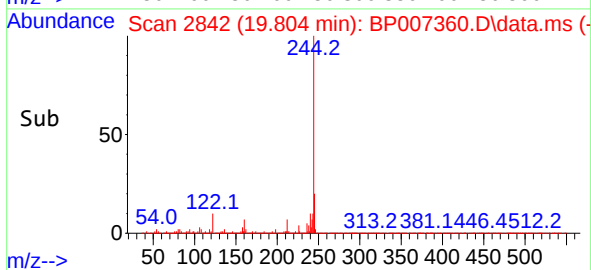
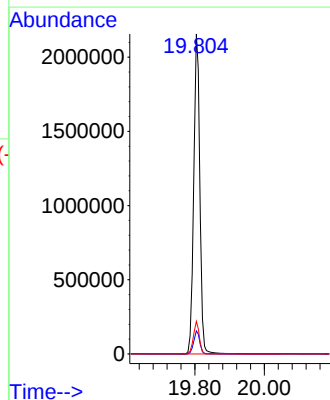
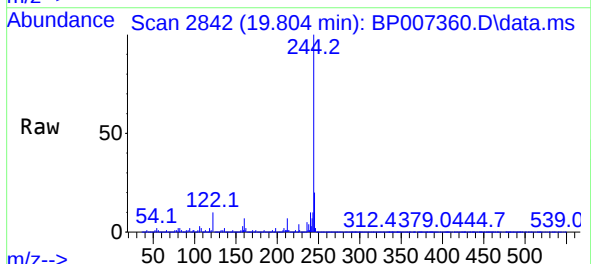
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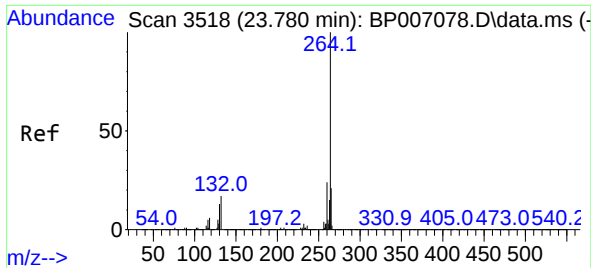
Tgt Ion:240 Resp: 888266  
Ion Ratio Lower Upper  
240 100  
120 10.2 6.5 9.7#  
236 26.2 20.6 31.0



#79  
Terphenyl-d14  
Concen: 56.90 ng  
RT: 19.804 min Scan# 2842  
Delta R.T. -0.006 min  
Lab File: BP007360.D  
Acq: 06 Oct 2021 18:35

Tgt Ion:244 Resp: 2637341  
Ion Ratio Lower Upper  
244 100  
212 7.2 6.0 9.0  
122 10.2 7.1 10.7





#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 23.739 min Scan# 3511  
Delta R.T. -0.006 min  
Lab File: BP007360.D  
Acq: 06 Oct 2021 18:35

Instrument :  
BNA\_P  
ClientSampleId :  
TP-1-(4.5-5.0)

Tgt Ion:264 Resp: 937248  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 24.2  | 18.6  | 28.0  |
| 265 | 21.9  | 17.6  | 26.4  |

