

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP110821\  
 Data File : BP007877.D  
 Acq On : 09 Nov 2021 00:20  
 Operator : CG/JU  
 Sample : M4477-10  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 T5-B1-NE

Quant Time: Nov 09 08:47:54 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP110221.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Nov 08 16:36:40 2021  
 Response via : Initial Calibration

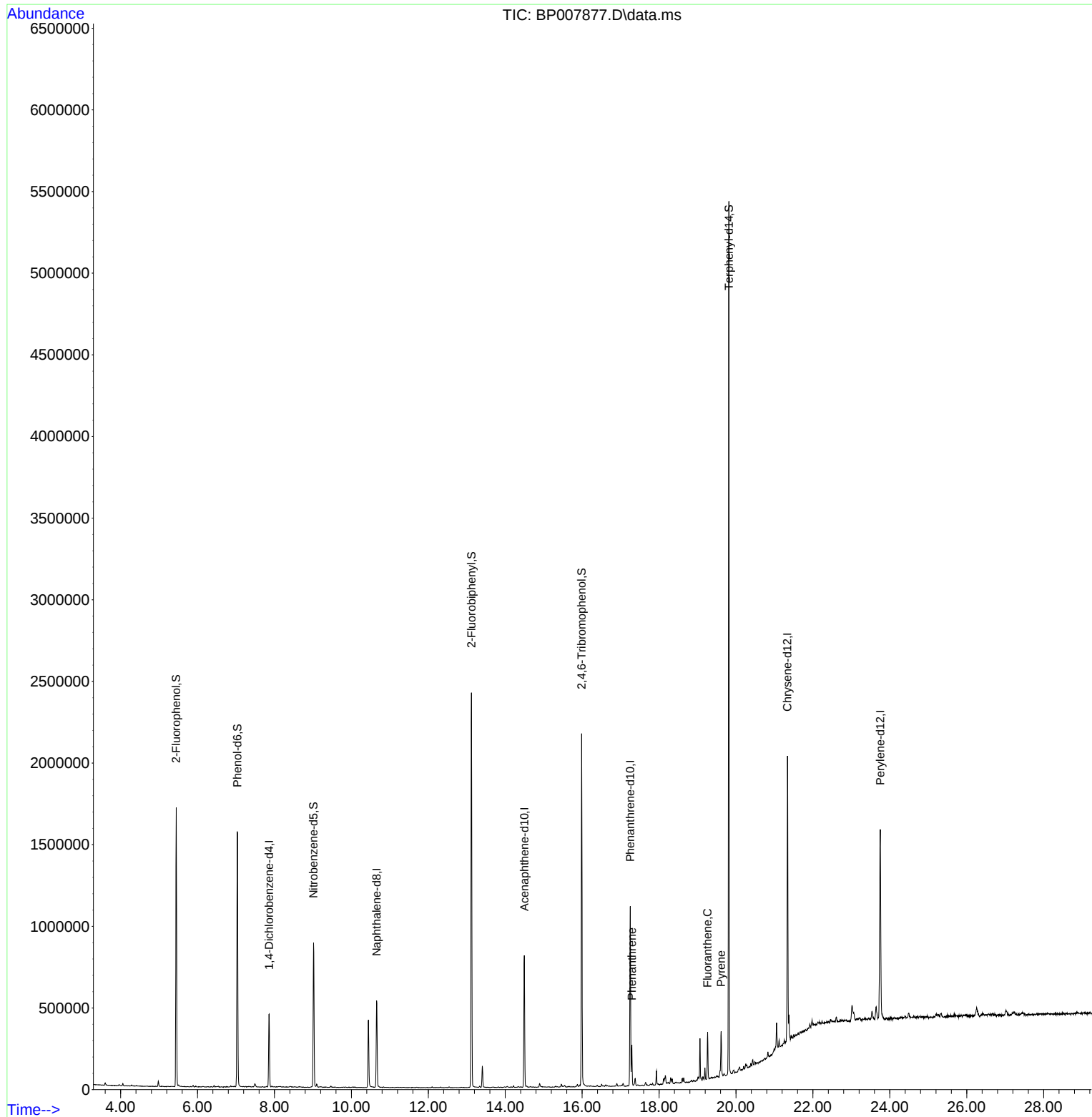
| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.863  | 152  | 123498   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.657 | 136  | 432089   | 20.000  | ng    | -0.01    |
| 39) Acenaphthene-d10        | 14.498 | 164  | 287602   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.251 | 188  | 645507   | 20.000  | ng    | -0.01    |
| 76) Chrysene-d12            | 21.339 | 240  | 799095   | 20.000  | ng    | -0.01    |
| 86) Perylene-d12            | 23.750 | 264  | 899037   | 20.000  | ng    | -0.02    |
|                             |        |      |          |         |       |          |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.446  | 112  | 712446   | 97.836  | ng    | 0.00     |
| 7) Phenol-d6                | 7.034  | 99   | 895692   | 84.981  | ng    | -0.01    |
| 23) Nitrobenzene-d5         | 9.016  | 82   | 499724   | 62.126  | ng    | -0.02    |
| 42) 2,4,6-Tribromophenol    | 15.986 | 330  | 417351   | 101.681 | ng    | -0.01    |
| 45) 2-Fluorobiphenyl        | 13.122 | 172  | 1261614  | 63.882  | ng    | -0.01    |
| 79) Terphenyl-d14           | 19.815 | 244  | 2383431  | 60.736  | ng    | 0.00     |
|                             |        |      |          |         |       |          |
| Target Compounds            |        |      |          |         |       | Qvalue   |
| 71) Phenanthrene            | 17.292 | 178  | 148404   | 4.373   | ng    | 99       |
| 75) Fluoranthene            | 19.263 | 202  | 165518   | 3.867   | ng    | 99       |
| 78) Pyrene                  | 19.615 | 202  | 165460   | 3.376   | ng    | 99       |
| -----                       |        |      |          |         |       |          |

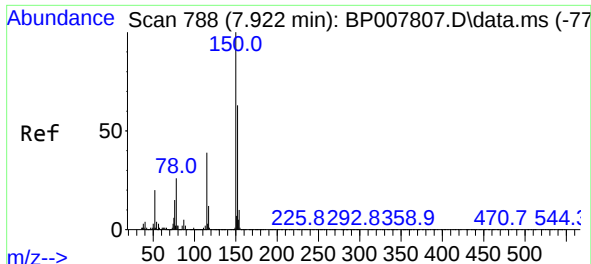
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP110821\  
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Sample : M4477-10  
Misc :  
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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP110221.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Nov 08 16:36:40 2021  
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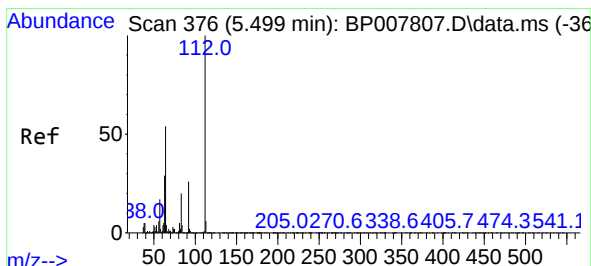
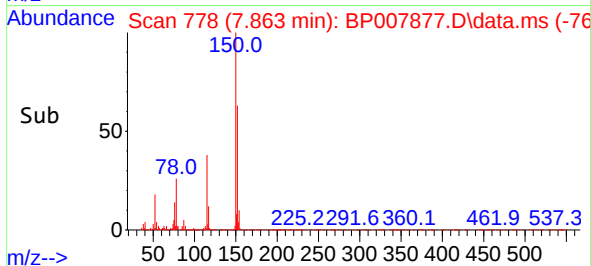
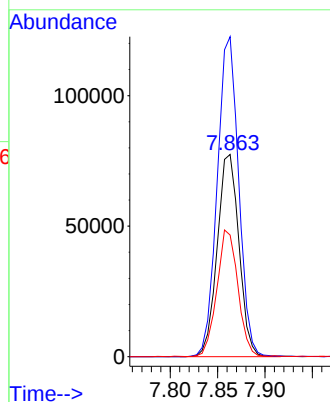
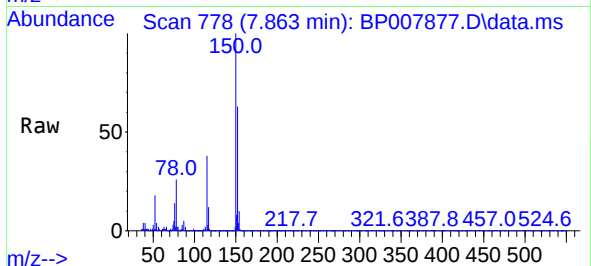




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.863 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: BP007877.D  
Acq: 09 Nov 2021 00:20

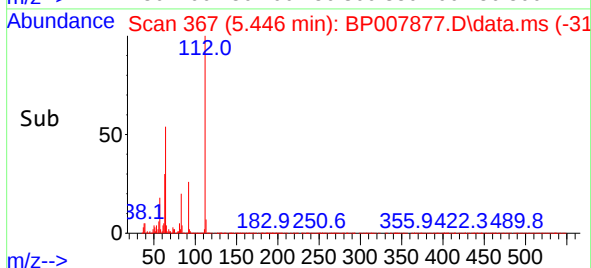
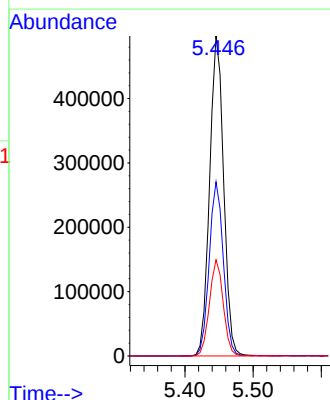
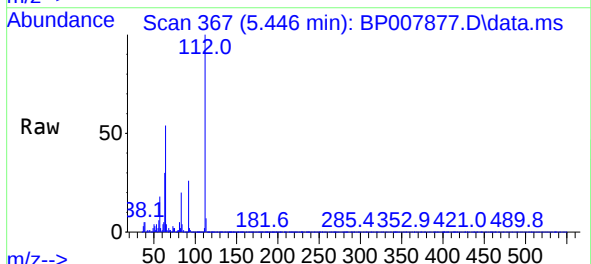
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BNA\_P  
ClientSampleId :  
T5-B1-NE

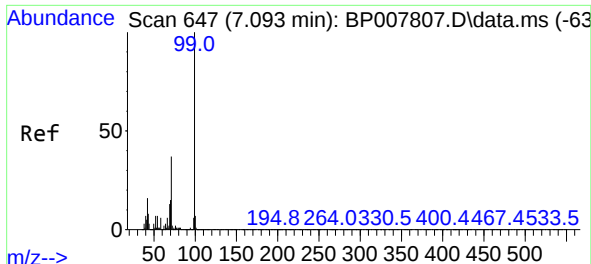
Tgt Ion:152 Resp: 123498  
Ion Ratio Lower Upper  
152 100  
150 158.3 124.1 186.1  
115 60.1 48.1 72.1



#5  
2-Fluorophenol  
Concen: 97.836 ng  
RT: 5.446 min Scan# 367  
Delta R.T. -0.006 min  
Lab File: BP007877.D  
Acq: 09 Nov 2021 00:20

Tgt Ion:112 Resp: 712446  
Ion Ratio Lower Upper  
112 100  
64 54.4 46.6 70.0  
63 30.0 25.0 37.6

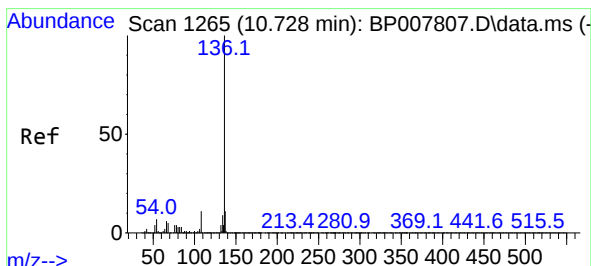
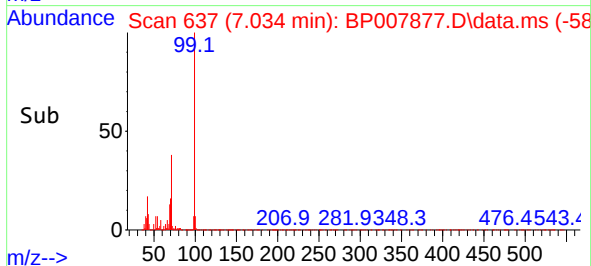
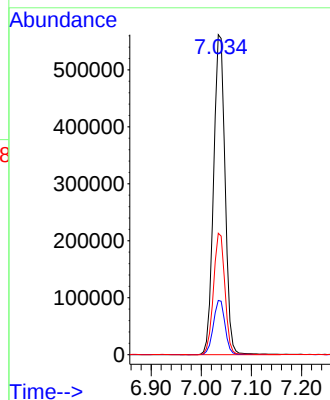
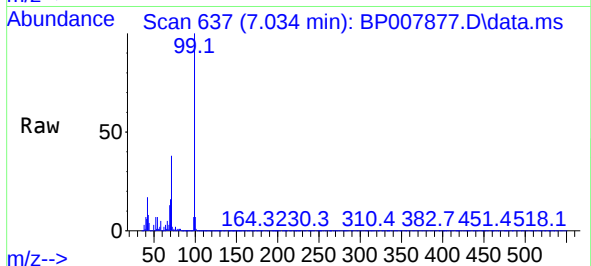




#7  
Phenol-d6  
Concen: 84.981 ng  
RT: 7.034 min Scan# 61  
Delta R.T. -0.012 min  
Lab File: BP007877.D  
Acq: 09 Nov 2021 00:20

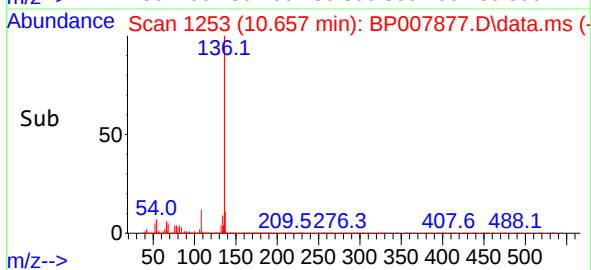
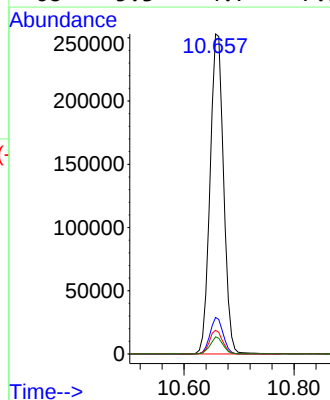
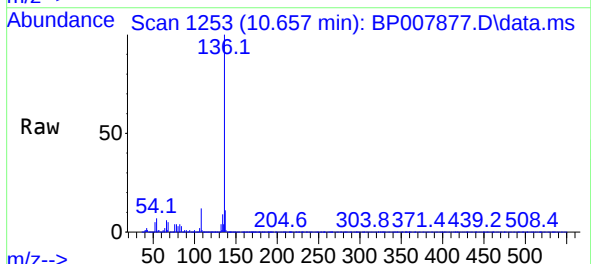
Instrument :  
BNA\_P  
ClientSampleId :  
T5-B1-NE

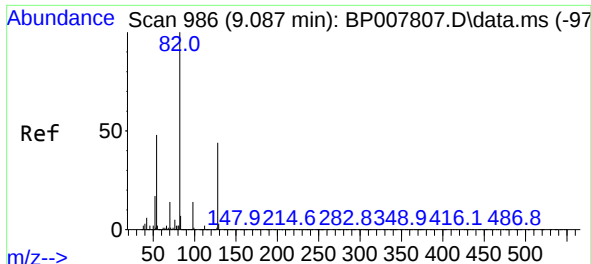
Tgt Ion: 99 Resp: 895692  
Ion Ratio Lower Upper  
99 100  
42 17.0 14.9 22.3  
71 38.0 29.2 43.8



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.657 min Scan# 1253  
Delta R.T. -0.012 min  
Lab File: BP007877.D  
Acq: 09 Nov 2021 00:20

Tgt Ion: 136 Resp: 432089  
Ion Ratio Lower Upper  
136 100  
137 11.4 8.6 13.0  
54 7.4 6.2 9.4  
68 5.3 4.7 7.1

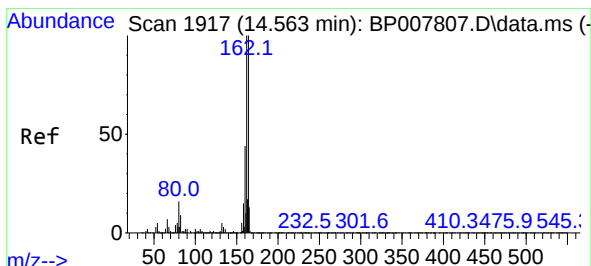
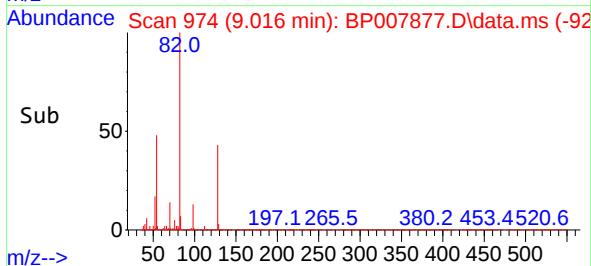
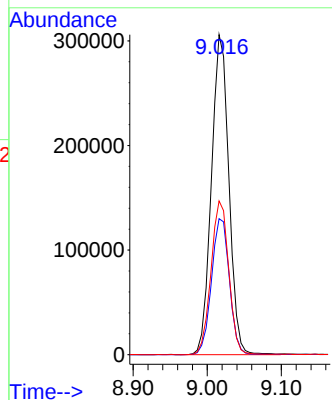
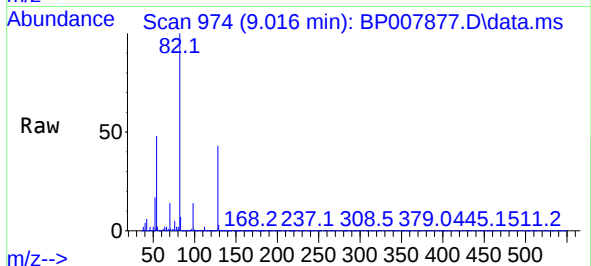




#23  
Nitrobenzene-d5  
Concen: 62.126 ng  
RT: 9.016 min Scan# 91  
Delta R.T. -0.018 min  
Lab File: BP007877.D  
Acq: 09 Nov 2021 00:20

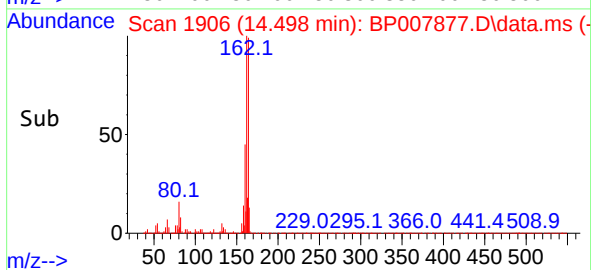
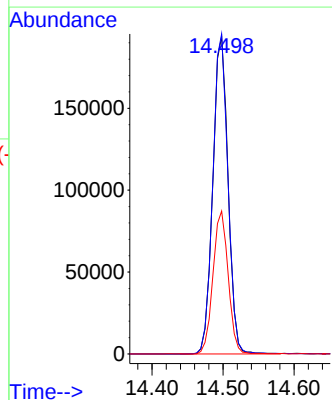
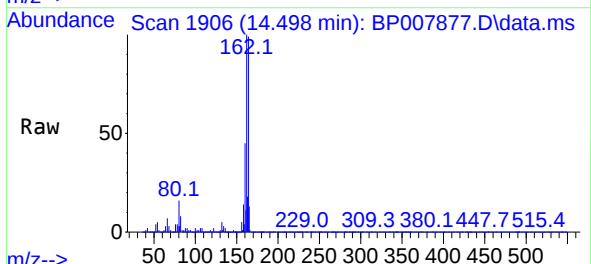
Instrument :  
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T5-B1-NE

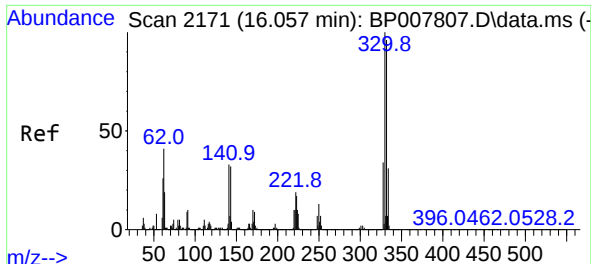
Tgt Ion: 82 Resp: 499724  
Ion Ratio Lower Upper  
82 100  
128 42.5 32.6 48.8  
54 48.1 40.4 60.6



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.498 min Scan# 1906  
Delta R.T. -0.006 min  
Lab File: BP007877.D  
Acq: 09 Nov 2021 00:20

Tgt Ion: 164 Resp: 287602  
Ion Ratio Lower Upper  
164 100  
162 100.8 81.1 121.7  
160 45.0 36.0 54.0

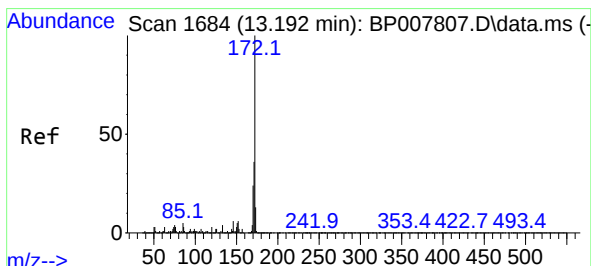
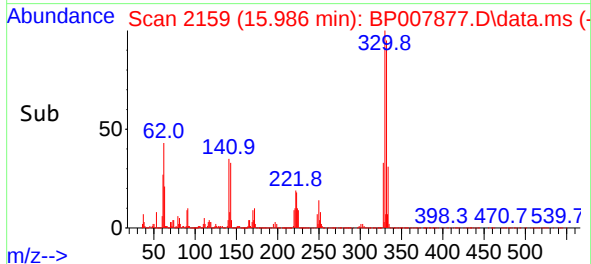
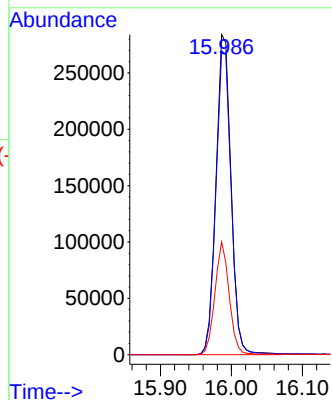
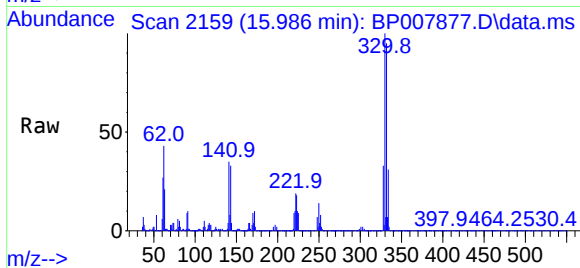




#42  
2,4,6-Tribromophenol  
Concen: 101.681 ng  
RT: 15.986 min Scan# 2171  
Delta R.T. -0.012 min  
Lab File: BP007877.D  
Acq: 09 Nov 2021 00:20

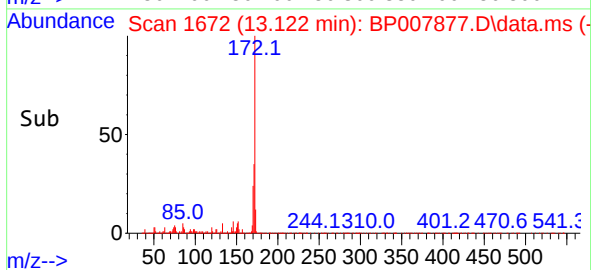
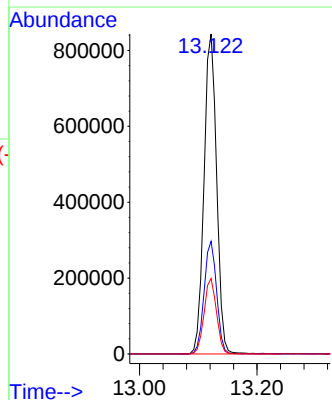
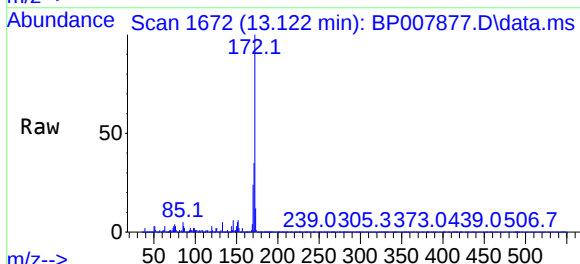
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BNA\_P  
ClientSampleId :  
T5-B1-NE

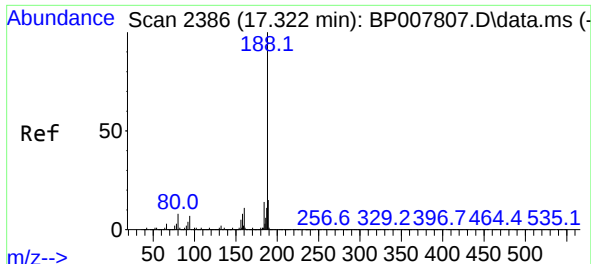
Tgt Ion:330 Resp: 417351  
Ion Ratio Lower Upper  
330 100  
332 96.4 78.9 118.3  
141 33.4 30.7 46.1



#45  
2-Fluorobiphenyl  
Concen: 63.882 ng  
RT: 13.122 min Scan# 1672  
Delta R.T. -0.012 min  
Lab File: BP007877.D  
Acq: 09 Nov 2021 00:20

Tgt Ion:172 Resp: 1261614  
Ion Ratio Lower Upper  
172 100  
171 35.2 28.2 42.2  
170 23.6 19.0 28.4

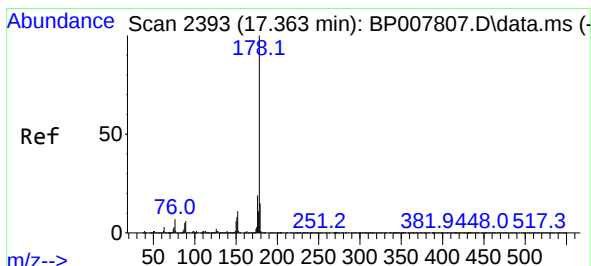
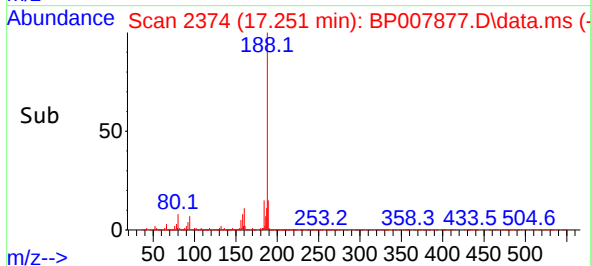
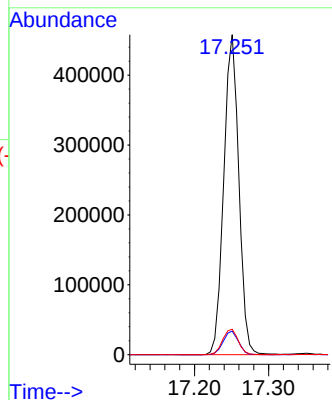
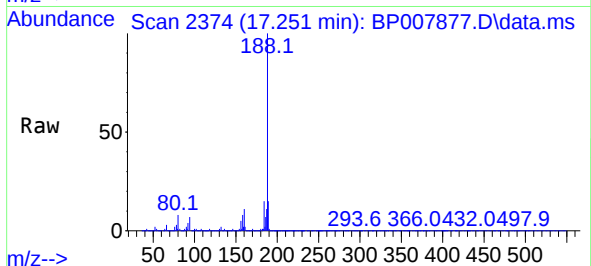




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.251 min Scan# 21  
Delta R.T. -0.012 min  
Lab File: BP007877.D  
Acq: 09 Nov 2021 00:20

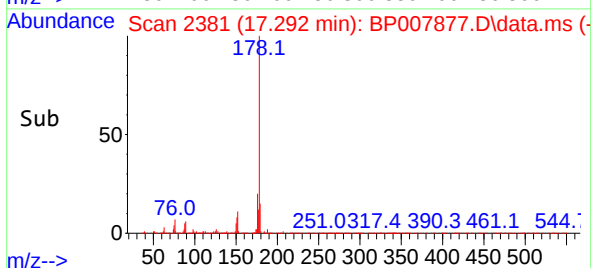
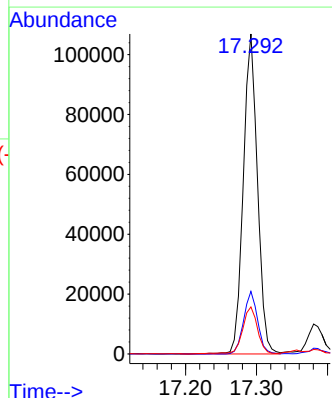
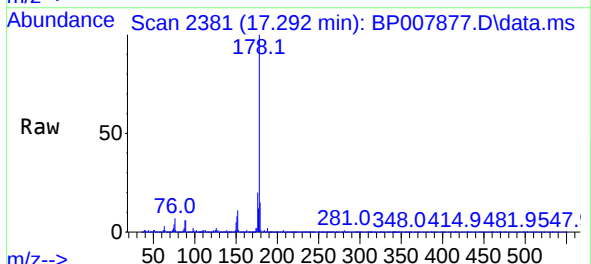
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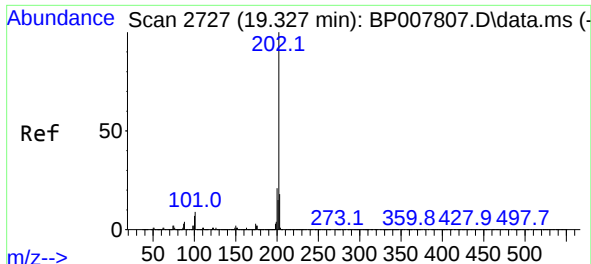
Tgt Ion:188 Resp: 645507  
Ion Ratio Lower Upper  
188 100  
94 7.4 7.1 10.7  
80 7.9 7.8 11.6



#71  
Phenanthrene  
Concen: 4.373 ng  
RT: 17.292 min Scan# 2381  
Delta R.T. -0.012 min  
Lab File: BP007877.D  
Acq: 09 Nov 2021 00:20

Tgt Ion:178 Resp: 148404  
Ion Ratio Lower Upper  
178 100  
176 19.5 15.4 23.0  
179 14.7 12.3 18.5

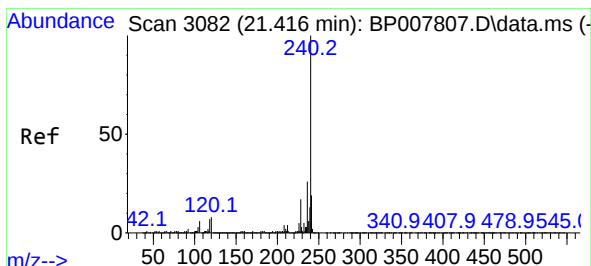
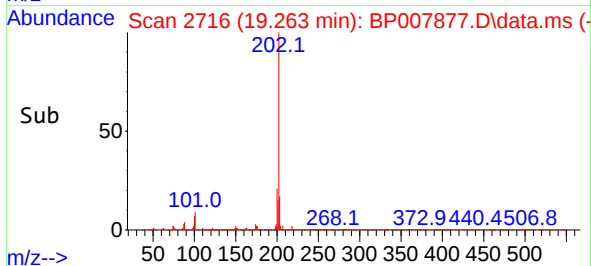
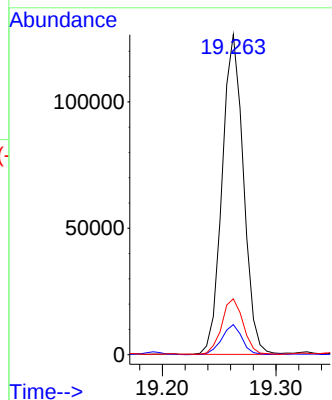
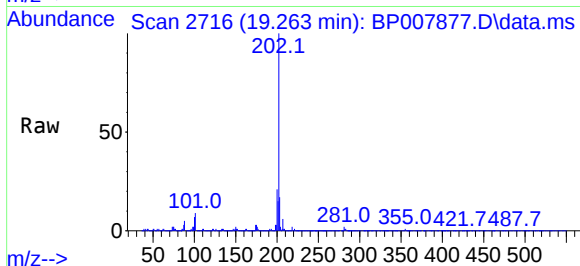




#75  
Fluoranthene  
Concen: 3.867 ng  
RT: 19.263 min Scan# 21  
Delta R.T. -0.012 min  
Lab File: BP007877.D  
Acq: 09 Nov 2021 00:20

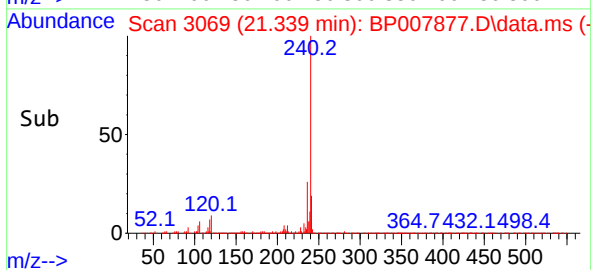
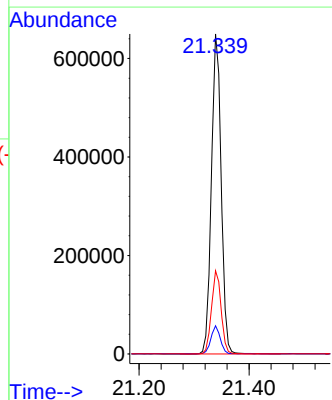
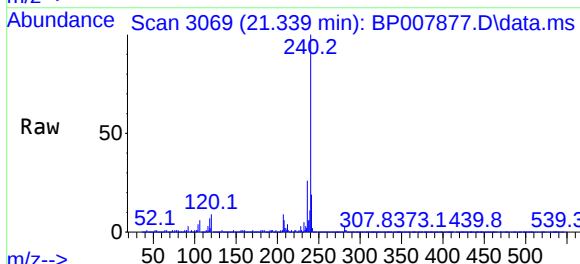
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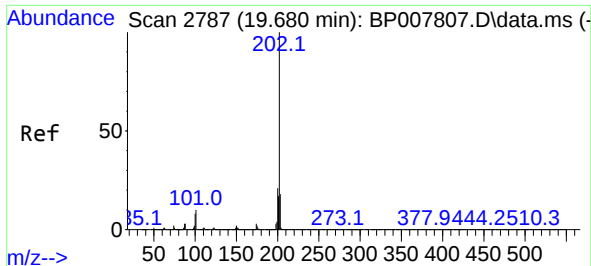
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|----------|-------|-------|--------|
| Tgt Ion: | 202   | Resp: | 165518 |
| Ion      | Ratio | Lower | Upper  |
| 202      | 100   |       |        |
| 101      | 9.4   | 0.0   | 30.4   |
| 203      | 17.5  | 0.0   | 37.6   |



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.339 min Scan# 3069  
Delta R.T. -0.012 min  
Lab File: BP007877.D  
Acq: 09 Nov 2021 00:20

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 240   | Resp: | 799095 |
| Ion      | Ratio | Lower | Upper  |
| 240      | 100   |       |        |
| 120      | 8.8   | 7.8   | 11.8   |
| 236      | 26.0  | 20.6  | 30.8   |

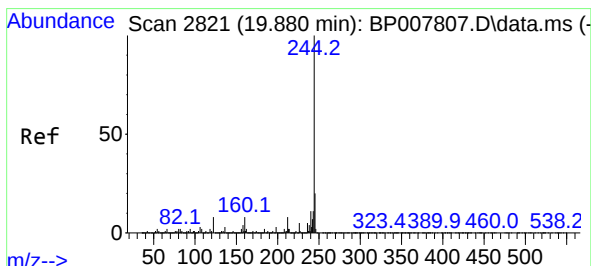
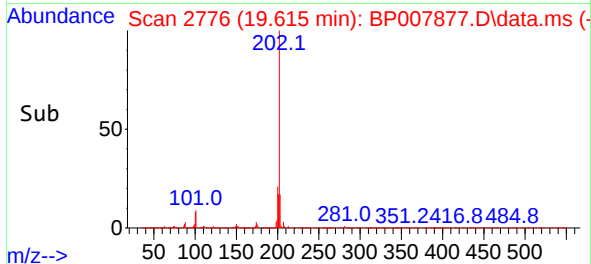
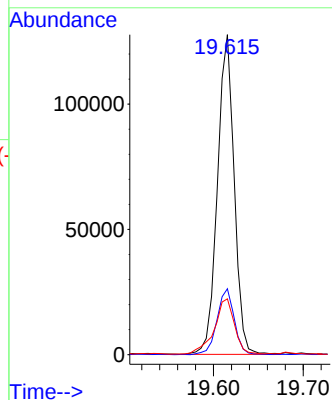
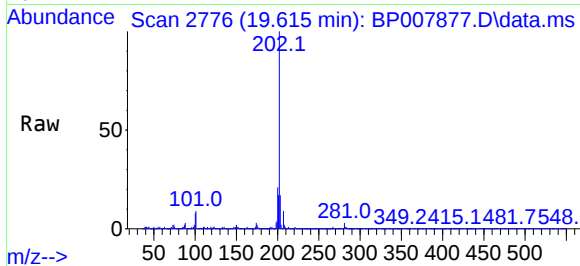




#78  
Pyrene  
Concen: 3.376 ng  
RT: 19.615 min Scan# 21  
Delta R.T. -0.012 min  
Lab File: BP007877.D  
Acq: 09 Nov 2021 00:20

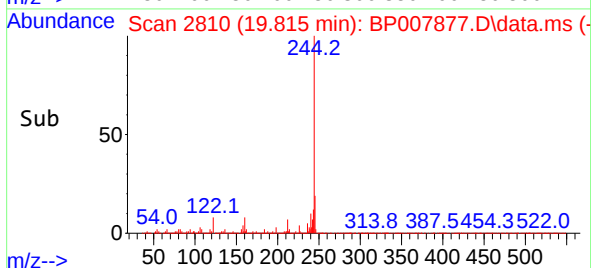
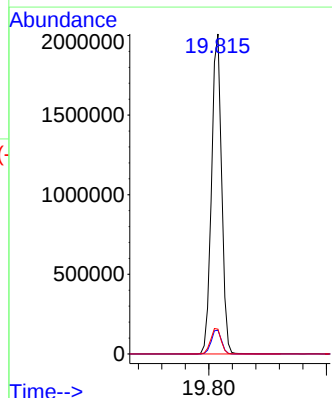
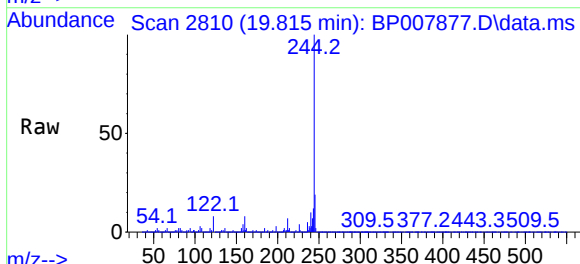
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BNA\_P  
ClientSampleId :  
T5-B1-NE

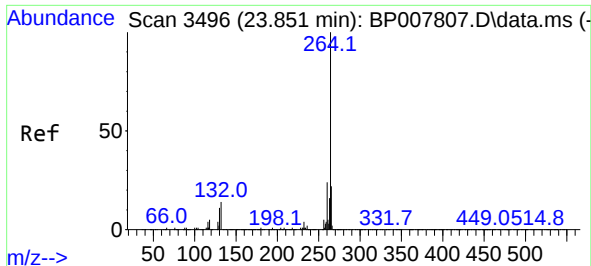
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Ion Ratio Lower Upper  
202 100  
200 20.6 16.9 25.3  
203 17.5 13.8 20.6



#79  
Terphenyl-d14  
Concen: 60.736 ng  
RT: 19.815 min Scan# 2810  
Delta R.T. -0.006 min  
Lab File: BP007877.D  
Acq: 09 Nov 2021 00:20

Tgt Ion:244 Resp: 2383431  
Ion Ratio Lower Upper  
244 100  
212 7.4 6.2 9.2  
122 7.8 7.8 11.8#





#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 23.750 min Scan# 34  
Delta R.T. -0.018 min  
Lab File: BP007877.D  
Acq: 09 Nov 2021 00:20

Instrument :  
BNA\_P  
ClientSampleId :  
T5-B1-NE

Tgt Ion:264 Resp: 899037  
Ion Ratio Lower Upper  
264 100  
260 24.3 19.1 28.7  
265 21.9 16.7 25.1

