

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP100621\  
 Data File : BP007359.D  
 Acq On : 06 Oct 2021 18:01  
 Operator : CG/JU  
 Sample : M4036-02  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 211

Quant Time: Oct 07 01:47:07 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

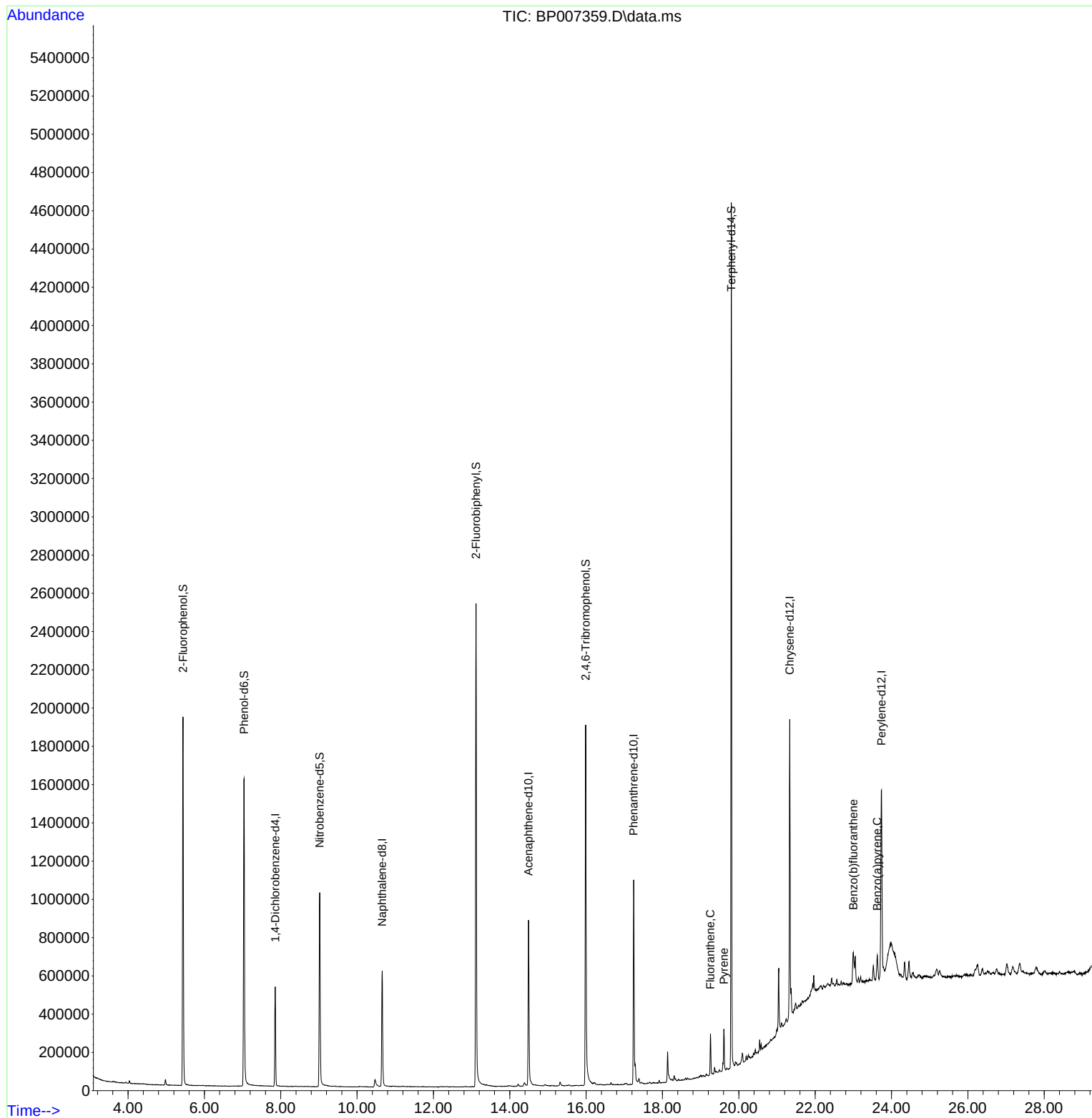
| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|--------|------|----------|--------|-------|----------|
| -----                       |        |      |          |        |       |          |
| Internal Standards          |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.858  | 152  | 147838   | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.657 | 136  | 566896   | 20.00  | ng    | # 0.00   |
| 39) Acenaphthene-d10        | 14.493 | 164  | 350217   | 20.00  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.245 | 188  | 726946   | 20.00  | ng    | # 0.00   |
| 76) Chrysene-d12            | 21.333 | 240  | 734540   | 20.00  | ng    | # 0.00   |
| 86) Perylene-d12            | 23.739 | 264  | 780249   | 20.00  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.440  | 112  | 893397   | 101.16 | ng    | -0.01    |
| 7) Phenol-d6                | 7.040  | 99   | 1076367  | 89.17  | ng    | -0.01    |
| 23) Nitrobenzene-d5         | 9.022  | 82   | 646911   | 66.46  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 15.987 | 330  | 424385   | 93.47  | ng    | -0.01    |
| 45) 2-Fluorobiphenyl        | 13.116 | 172  | 1466939  | 60.01  | ng    | -0.01    |
| 79) Terphenyl-d14           | 19.804 | 244  | 2131166  | 55.60  | ng    | 0.00     |
| Target Compounds            |        |      |          |        |       |          |
|                             |        |      |          |        |       | Qvalue   |
| 75) Fluoranthene            | 19.257 | 202  | 127815   | 2.85   | ng    | 98       |
| 78) Pyrene                  | 19.610 | 202  | 129150   | 2.68   | ng    | 99       |
| 88) Benzo(b)fluoranthene    | 23.004 | 252  | 122761   | 2.63   | ng    | # 93     |
| 90) Benzo(a)pyrene          | 23.627 | 252  | 89709    | 2.26   | ng    | # 93     |
| -----                       |        |      |          |        |       |          |

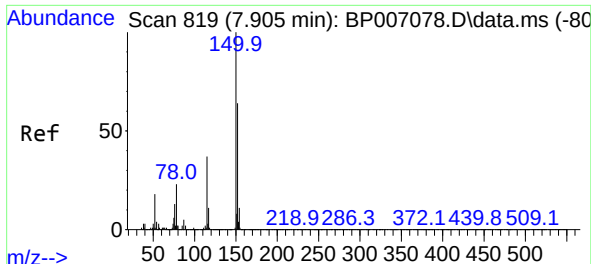
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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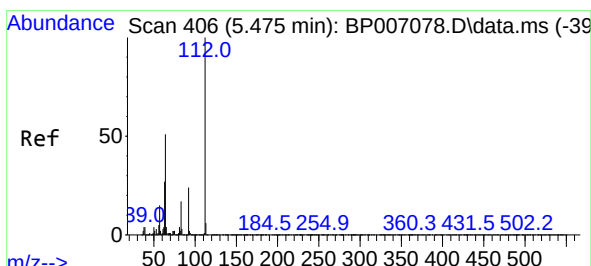
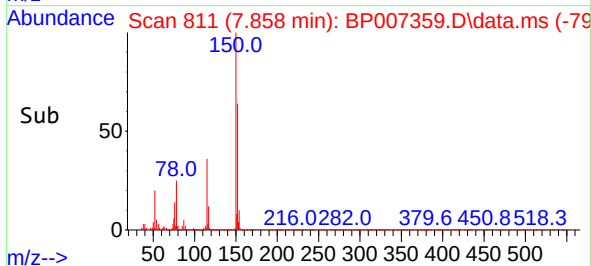
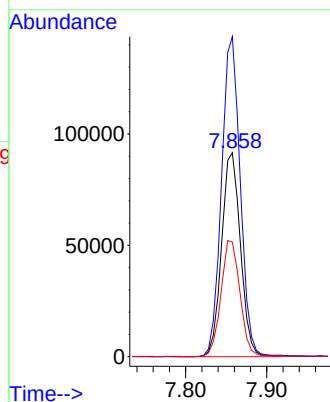
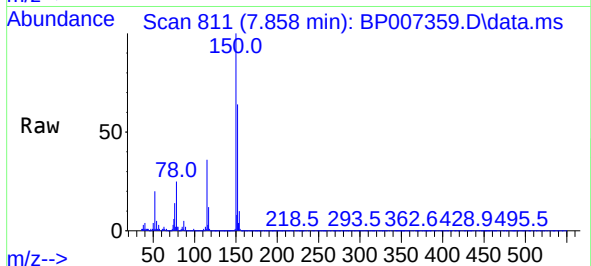




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 7.858 min Scan# 811  
Delta R.T. -0.005 min  
Lab File: BP007359.D  
Acq: 06 Oct 2021 18:01

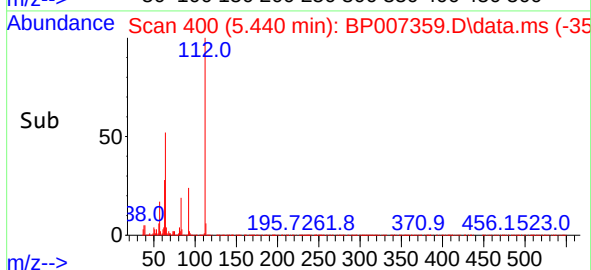
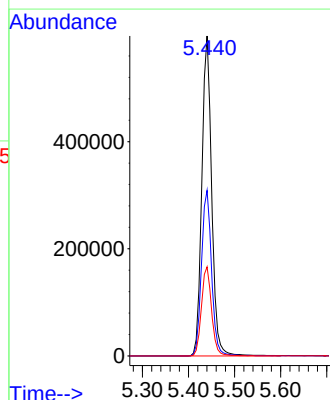
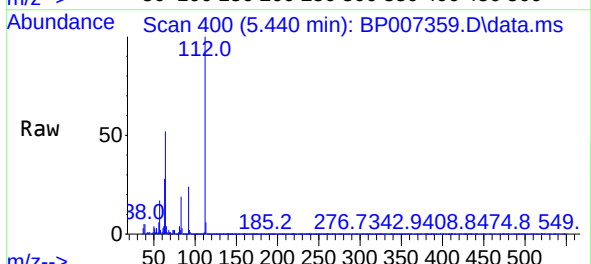
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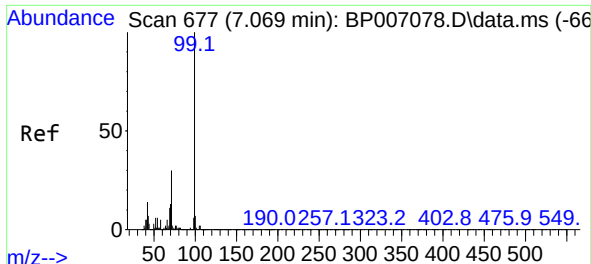
Tgt Ion:152 Resp: 147838  
Ion Ratio Lower Upper  
152 100  
150 156.9 125.6 188.4  
115 56.2 48.5 72.7



#5  
2-Fluorophenol  
Concen: 101.16 ng  
RT: 5.440 min Scan# 400  
Delta R.T. -0.011 min  
Lab File: BP007359.D  
Acq: 06 Oct 2021 18:01

Tgt Ion:112 Resp: 893397  
Ion Ratio Lower Upper  
112 100  
64 51.7 41.4 62.2  
63 27.9 23.8 35.8



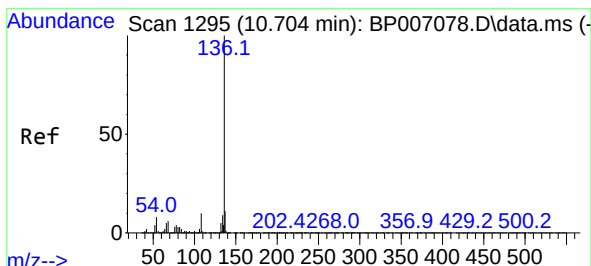
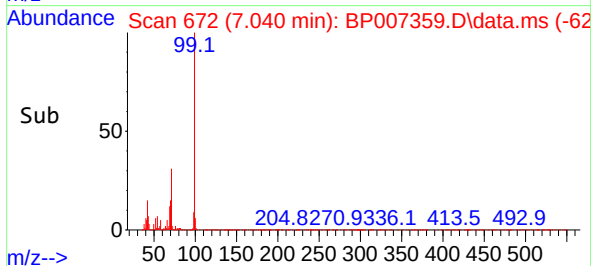
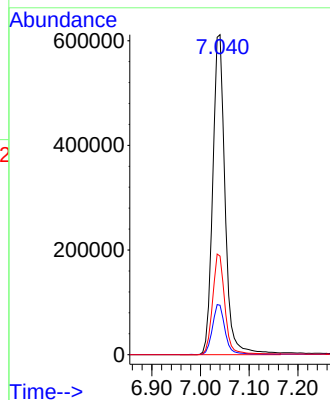
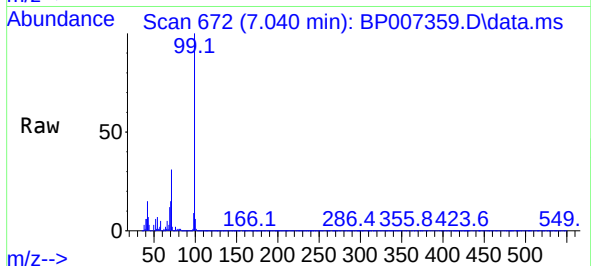


#7  
Phenol-d6  
Concen: 89.17 ng  
RT: 7.040 min Scan# 672  
Delta R.T. -0.011 min  
Lab File: BP007359.D  
Acq: 06 Oct 2021 18:01

Instrument :  
BNA\_P  
ClientSampleId :  
211

Tgt Ion: 99 Resp: 1076367

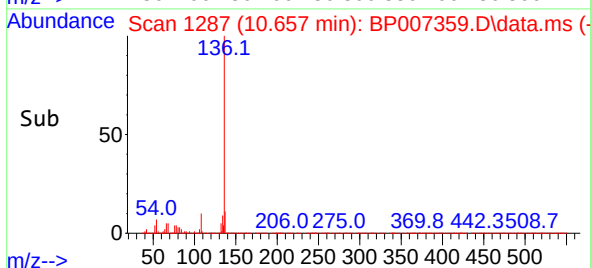
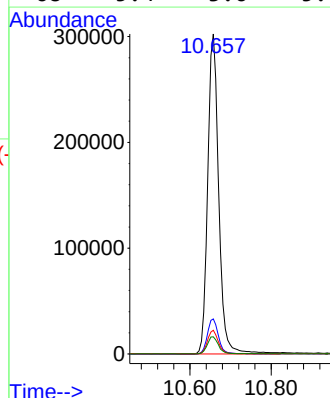
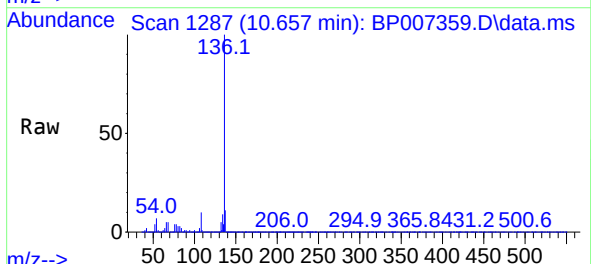
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 15.5  | 13.4  | 20.0  |
| 71  | 30.8  | 30.6  | 46.0  |

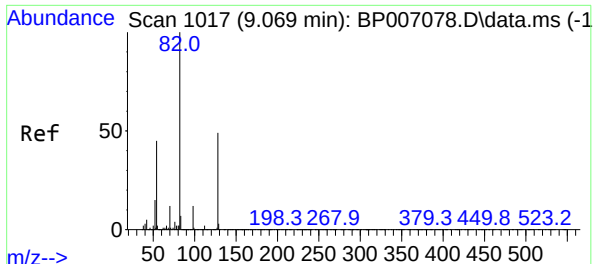


#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 10.657 min Scan# 1287  
Delta R.T. -0.006 min  
Lab File: BP007359.D  
Acq: 06 Oct 2021 18:01

Tgt Ion: 136 Resp: 566896

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 11.0  | 8.6   | 12.8  |
| 54  | 7.4   | 4.6   | 6.8   |
| 68  | 5.4   | 3.6   | 5.4   |

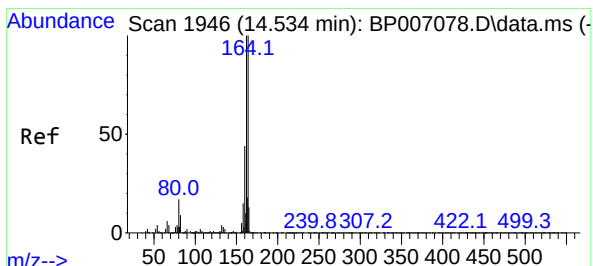
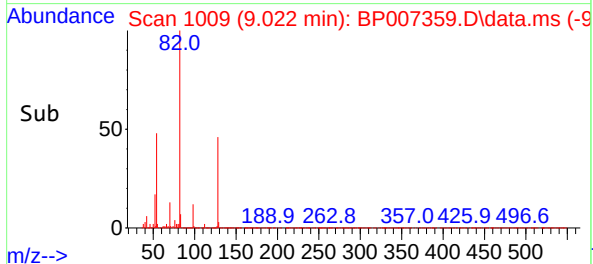
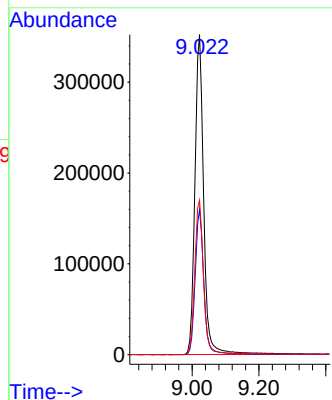
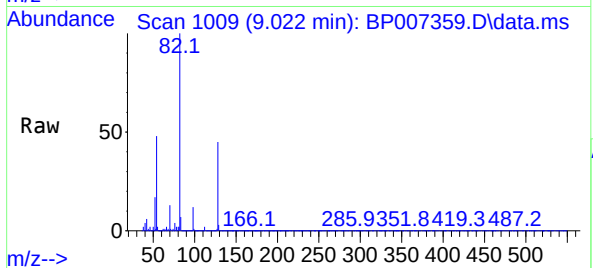




#23  
Nitrobenzene-d5  
Concen: 66.46 ng  
RT: 9.022 min Scan# 1009  
Delta R.T. -0.006 min  
Lab File: BP007359.D  
Acq: 06 Oct 2021 18:01

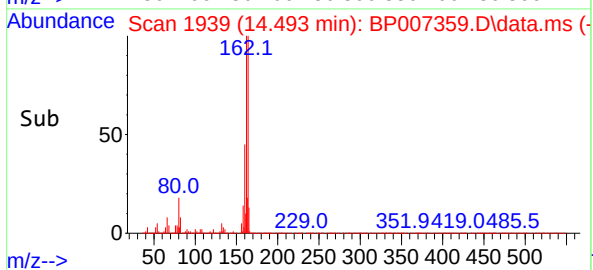
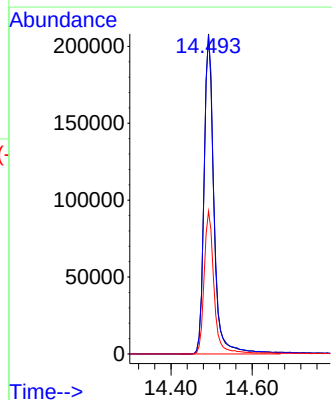
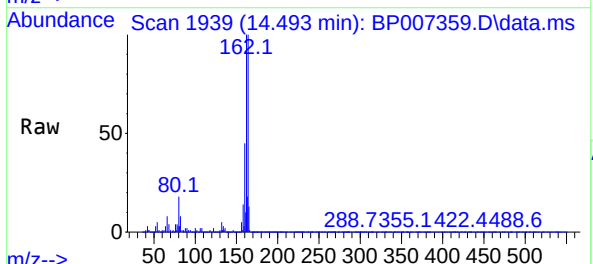
Instrument :  
BNA\_P  
ClientSampleId :  
211

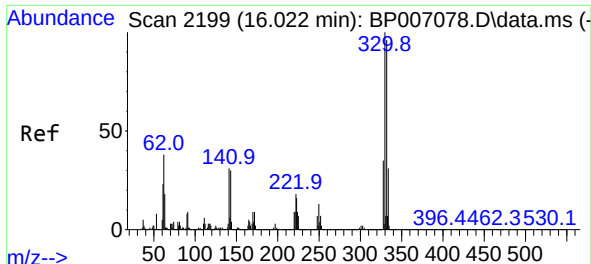
Tgt Ion: 82 Resp: 646911  
Ion Ratio Lower Upper  
82 100  
128 45.5 35.7 53.5  
54 48.2 35.0 52.4



#39  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 14.493 min Scan# 1939  
Delta R.T. -0.006 min  
Lab File: BP007359.D  
Acq: 06 Oct 2021 18:01

Tgt Ion: 164 Resp: 350217  
Ion Ratio Lower Upper  
164 100  
162 99.7 80.2 120.2  
160 44.6 34.5 51.7

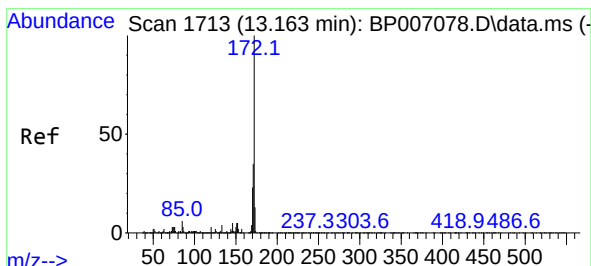
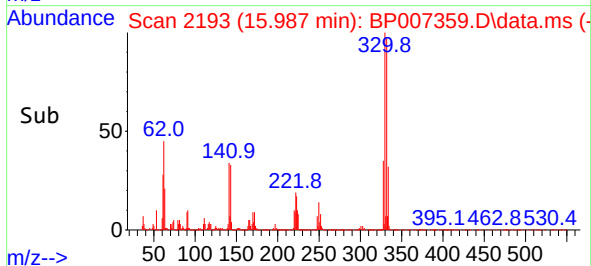
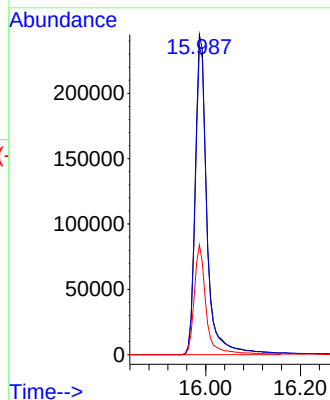
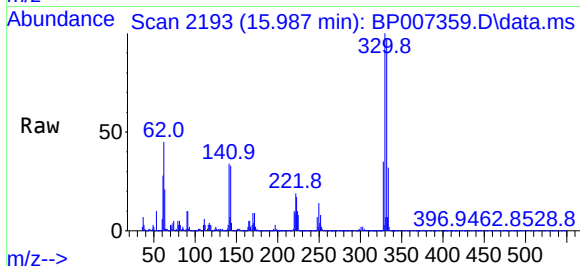




#42  
2,4,6-Tribromophenol  
Concen: 93.47 ng  
RT: 15.987 min Scan# 2193  
Delta R.T. -0.011 min  
Lab File: BP007359.D  
Acq: 06 Oct 2021 18:01

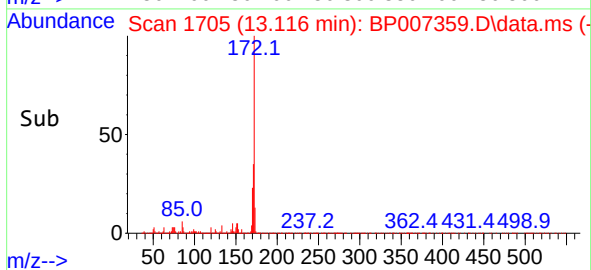
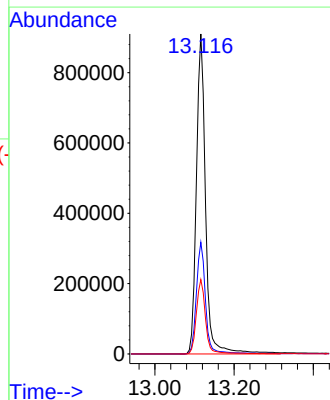
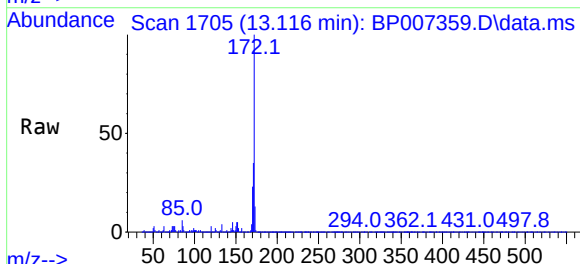
Instrument :  
BNA\_P  
ClientSampleId :  
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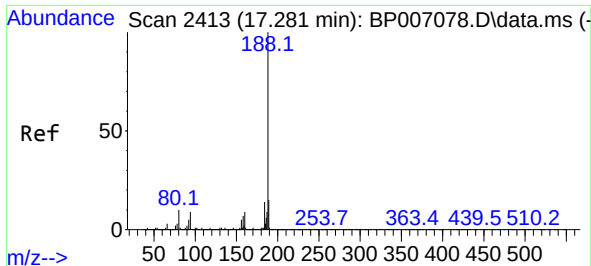
Tgt Ion:330 Resp: 424385  
Ion Ratio Lower Upper  
330 100  
332 96.8 77.8 116.8  
141 34.4 25.4 38.2



#45  
2-Fluorobiphenyl  
Concen: 60.01 ng  
RT: 13.116 min Scan# 1705  
Delta R.T. -0.011 min  
Lab File: BP007359.D  
Acq: 06 Oct 2021 18:01

Tgt Ion:172 Resp: 1466939  
Ion Ratio Lower Upper  
172 100  
171 34.9 27.9 41.9  
170 23.3 18.6 27.8

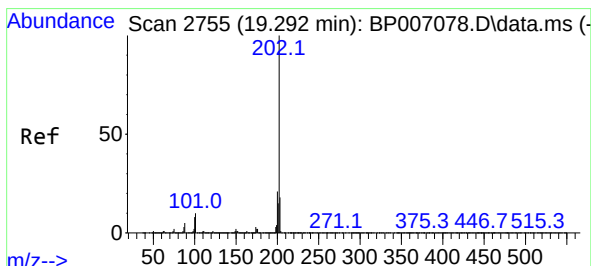
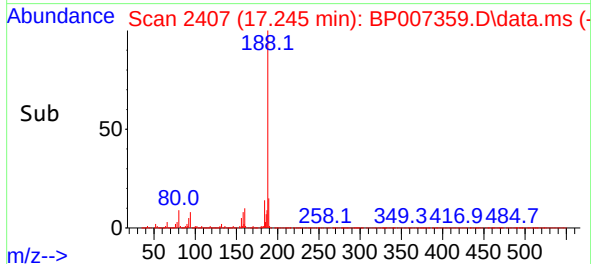
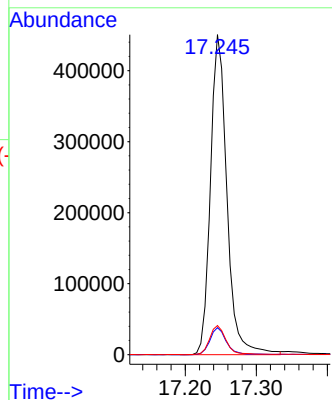
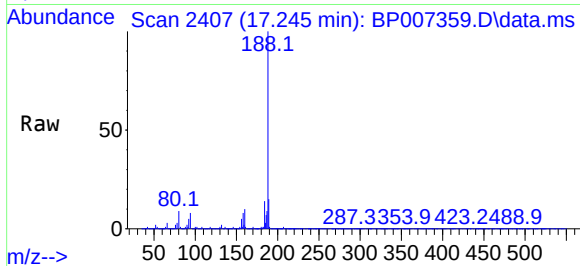




#64  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 17.245 min Scan# 2407  
Delta R.T. -0.006 min  
Lab File: BP007359.D  
Acq: 06 Oct 2021 18:01

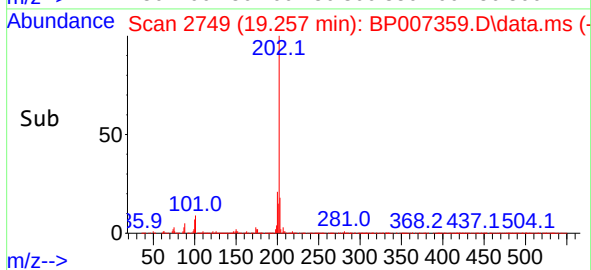
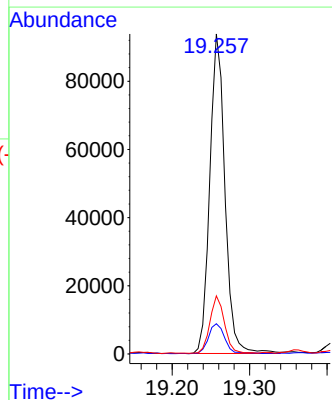
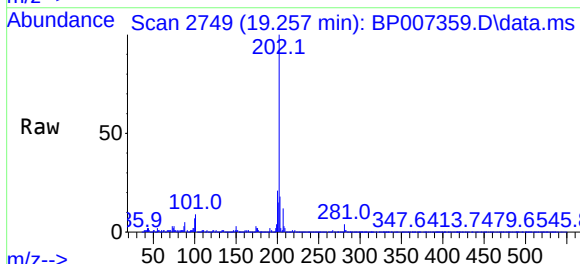
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ClientSampleId :  
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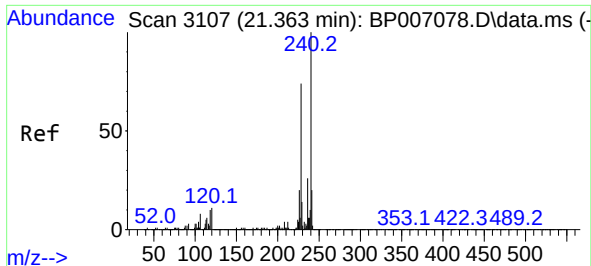
Tgt Ion:188 Resp: 726946  
Ion Ratio Lower Upper  
188 100  
94 8.5 5.6 8.4#  
80 9.1 6.3 9.5



#75  
Fluoranthene  
Concen: 2.85 ng  
RT: 19.257 min Scan# 2749  
Delta R.T. -0.006 min  
Lab File: BP007359.D  
Acq: 06 Oct 2021 18:01

Tgt Ion:202 Resp: 127815  
Ion Ratio Lower Upper  
202 100  
101 9.4 0.0 27.6  
203 18.1 0.0 37.8

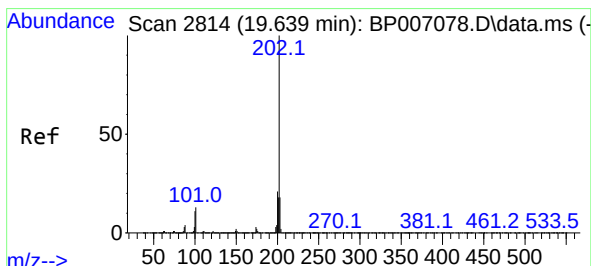
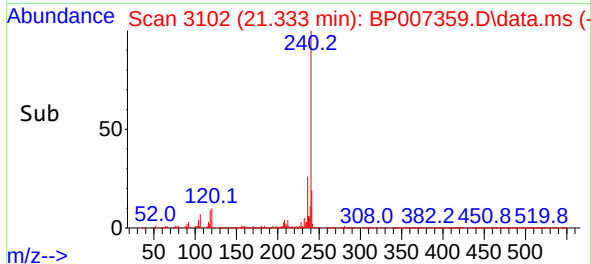
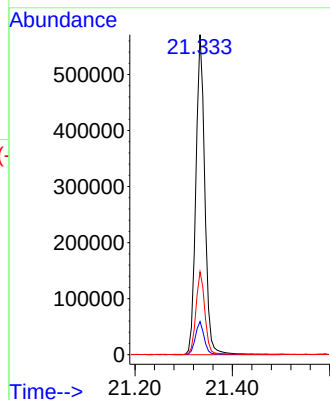
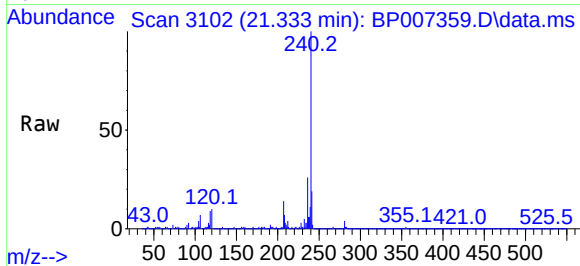




#76  
Chrysene-d12  
Concen: 20.00 ng  
RT: 21.333 min Scan# 3102  
Delta R.T. -0.006 min  
Lab File: BP007359.D  
Acq: 06 Oct 2021 18:01

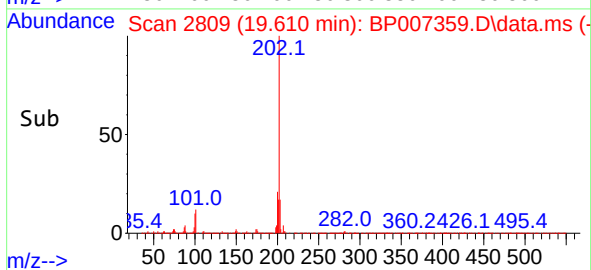
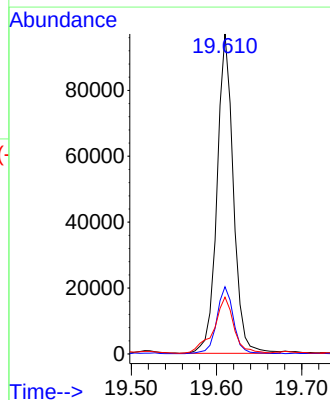
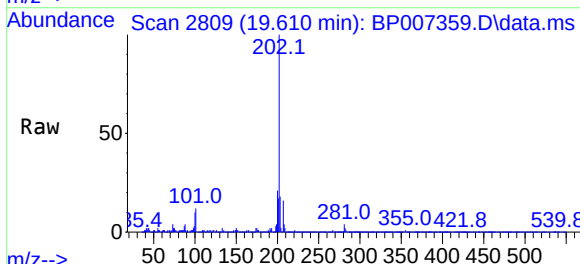
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BNA\_P  
ClientSampleId :  
211

Tgt Ion:240 Resp: 734540  
Ion Ratio Lower Upper  
240 100  
120 10.4 6.5 9.7#  
236 25.9 20.6 31.0

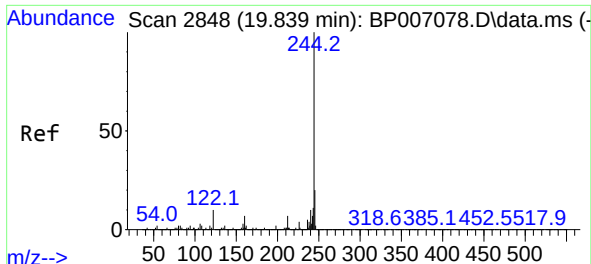


#78  
Pyrene  
Concen: 2.68 ng  
RT: 19.610 min Scan# 2809  
Delta R.T. -0.006 min  
Lab File: BP007359.D  
Acq: 06 Oct 2021 18:01

Tgt Ion:202 Resp: 129150  
Ion Ratio Lower Upper  
202 100  
200 21.0 16.3 24.5  
203 17.7 14.2 21.2



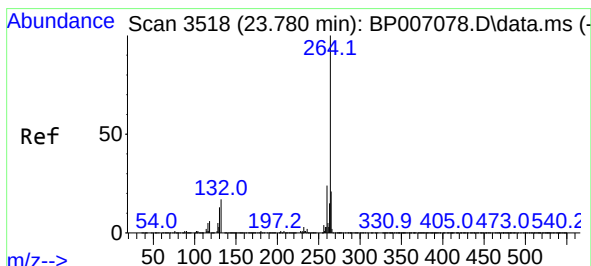
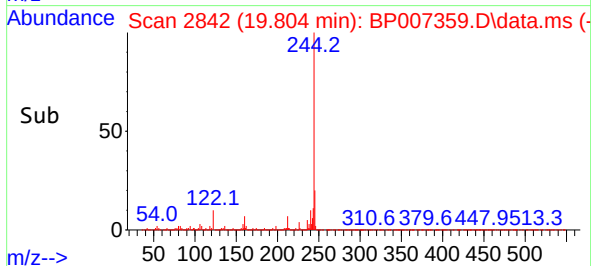
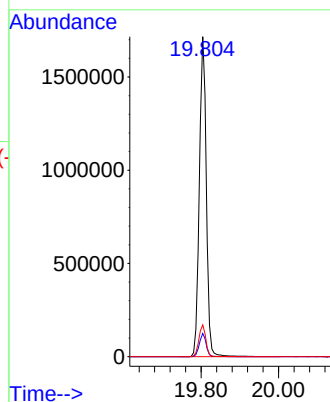
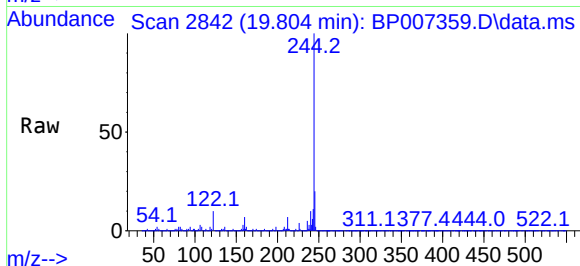




#79  
Terphenyl-d14  
Concen: 55.60 ng  
RT: 19.804 min Scan# 2842  
Delta R.T. -0.006 min  
Lab File: BP007359.D  
Acq: 06 Oct 2021 18:01

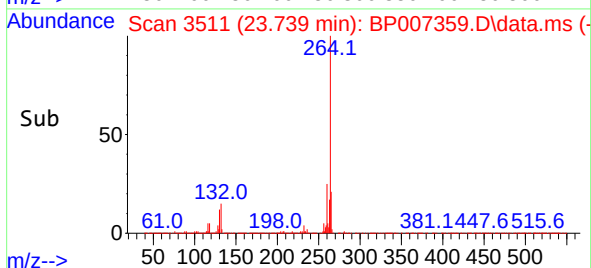
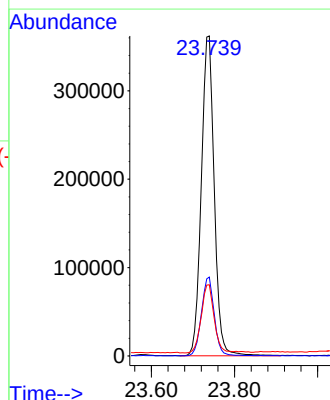
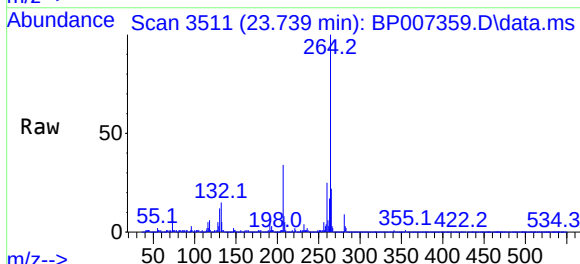
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BNA\_P  
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211

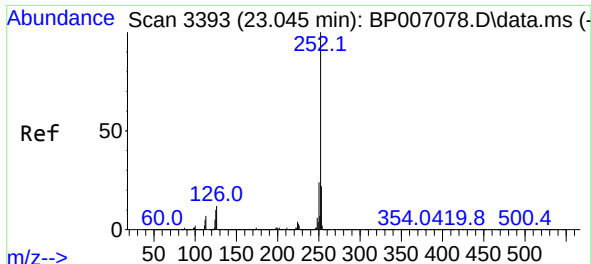
Tgt Ion:244 Resp: 2131166  
Ion Ratio Lower Upper  
244 100  
212 7.3 6.0 9.0  
122 10.0 7.1 10.7



#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 23.739 min Scan# 3511  
Delta R.T. -0.006 min  
Lab File: BP007359.D  
Acq: 06 Oct 2021 18:01

Tgt Ion:264 Resp: 780249  
Ion Ratio Lower Upper  
264 100  
260 24.7 18.6 28.0  
265 22.3 17.6 26.4

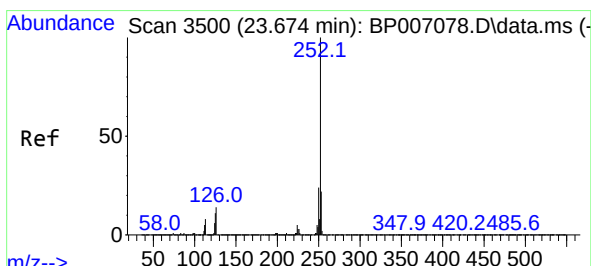
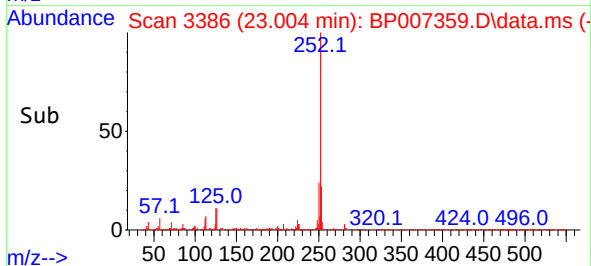
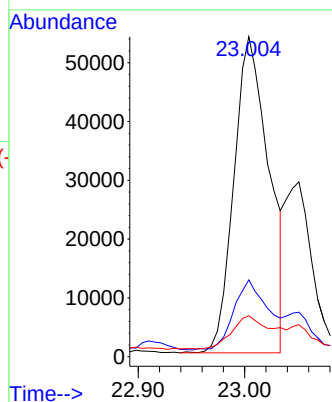
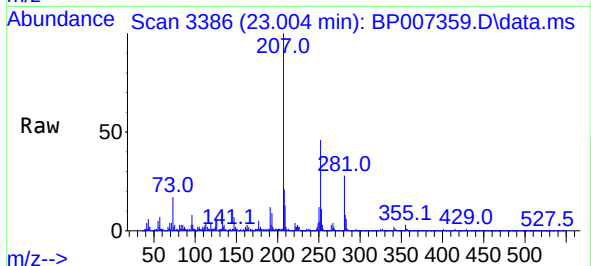




#88  
Benzo(b)fluoranthene  
Concen: 2.63 ng  
RT: 23.004 min Scan# 3386  
Delta R.T. -0.006 min  
Lab File: BP007359.D  
Acq: 06 Oct 2021 18:01

Instrument :  
BNA\_P  
ClientSampleId :  
211

Tgt Ion:252 Resp: 122761  
Ion Ratio Lower Upper  
252 100  
253 24.0 17.5 26.3  
125 12.8 6.2 9.4#



#90  
Benzo(a)pyrene  
Concen: 2.26 ng  
RT: 23.627 min Scan# 3492  
Delta R.T. -0.011 min  
Lab File: BP007359.D  
Acq: 06 Oct 2021 18:01

Tgt Ion:252 Resp: 89709  
Ion Ratio Lower Upper  
252 100  
253 24.3 17.9 26.9  
125 13.8 6.5 9.7#

