

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP111021\  
 Data File : BP007933.D  
 Acq On : 10 Nov 2021 22:47  
 Operator : CG/JU  
 Sample : M4572-02  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 2

Quant Time: Nov 11 10:19:13 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP110221.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Nov 09 10:45:24 2021  
 Response via : Initial Calibration

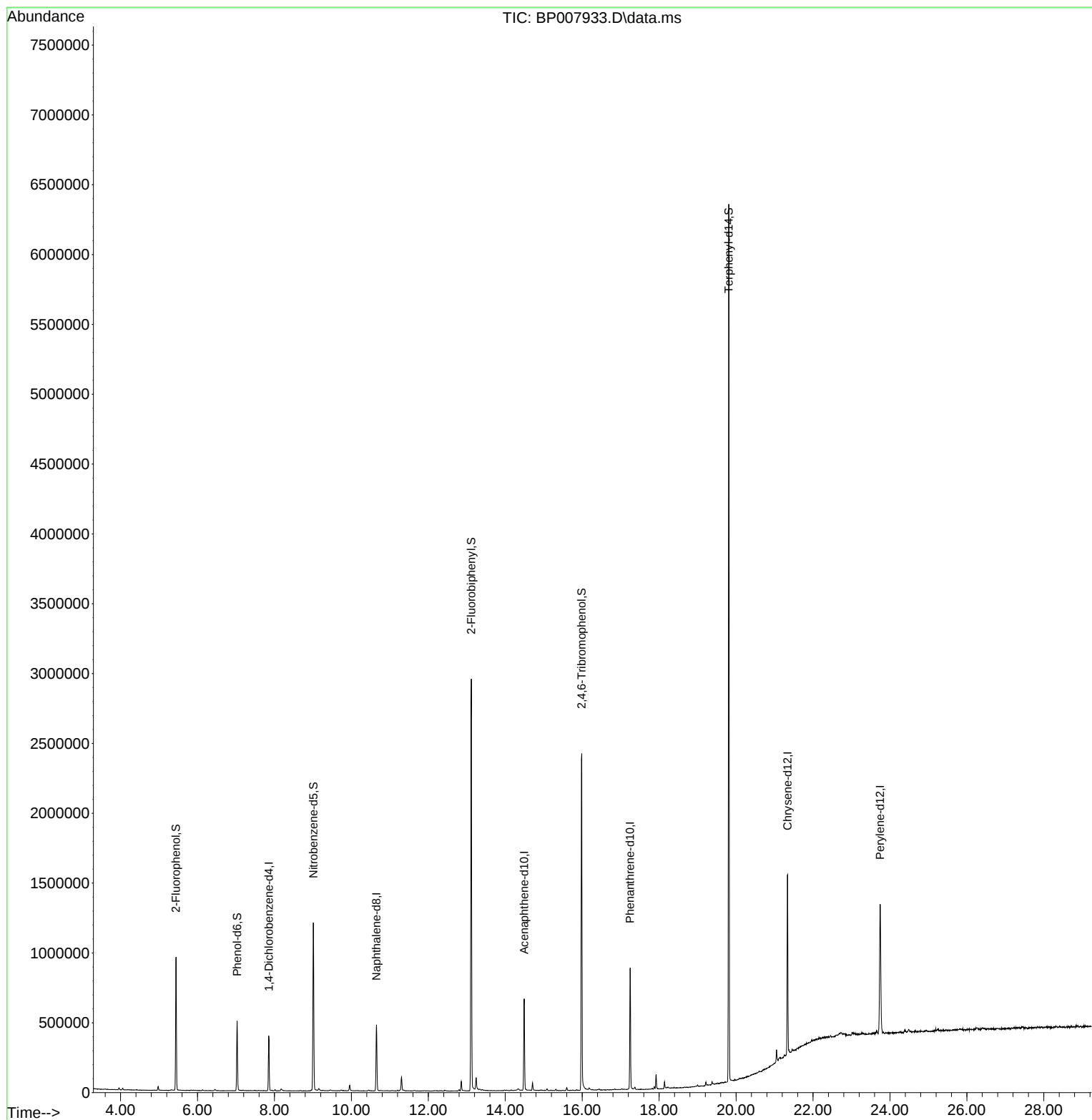
| Compound                    | R.T.   | QIon | Response | Conc      | Units    | Dev(Min) |
|-----------------------------|--------|------|----------|-----------|----------|----------|
| -----                       |        |      |          |           |          |          |
| Internal Standards          |        |      |          |           |          |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.852  | 152  | 107081   | 20.000    | ng       | -0.01    |
| 21) Naphthalene-d8          | 10.651 | 136  | 380190   | 20.000    | ng       | -0.01    |
| 39) Acenaphthene-d10        | 14.492 | 164  | 231049   | 20.000    | ng       | -0.01    |
| 64) Phenanthrene-d10        | 17.245 | 188  | 537349   | 20.000    | ng       | #-0.01   |
| 76) Chrysene-d12            | 21.339 | 240  | 664725   | 20.000    | ng       | #-0.01   |
| 86) Perylene-d12            | 23.745 | 264  | 745138   | 20.000    | ng       | -0.02    |
| System Monitoring Compounds |        |      |          |           |          |          |
| 5) 2-Fluorophenol           | 5.440  | 112  | 393742   | 62.360    | ng       | 0.00     |
| 7) Phenol-d6                | 7.028  | 99   | 274954   | 30.086    | ng       | -0.01    |
| 23) Nitrobenzene-d5         | 9.010  | 82   | 681112   | 96.235    | ng       | -0.02    |
| 42) 2,4,6-Tribromophenol    | 15.986 | 330  | 503146   | 152.589   | ng       | -0.01    |
| 45) 2-Fluorobiphenyl        | 13.116 | 172  | 1496233  | 94.306    | ng       | -0.01    |
| 79) Terphenyl-d14           | 19.810 | 244  | 2871062  | 87.951    | ng       | -0.01    |
| Target Compounds            |        |      |          |           |          |          |
| 2) 1,4-Dioxane              | 3.334  | 88   | 292      | Below Cal | Qvalue # | 1        |
| -----                       |        |      |          |           |          |          |

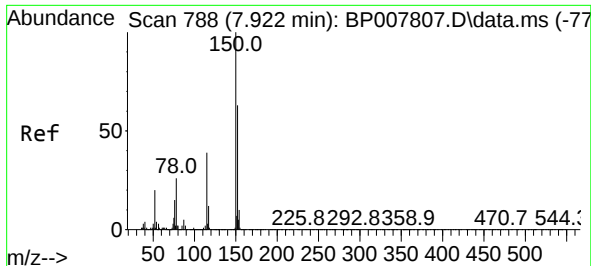
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP111021\  
Data File : BP007933.D  
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Sample : M4572-02  
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ALS Vial : 14 Sample Multiplier: 1

Instrument :  
BNA\_P  
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2

Quant Time: Nov 11 10:19:13 2021  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP110221.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue Nov 09 10:45:24 2021  
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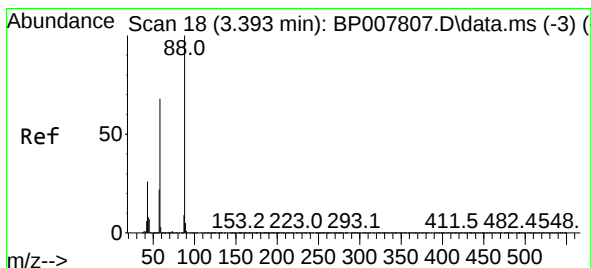
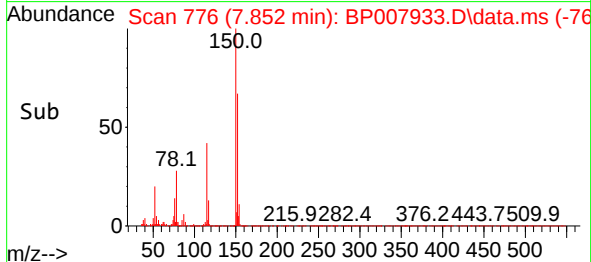
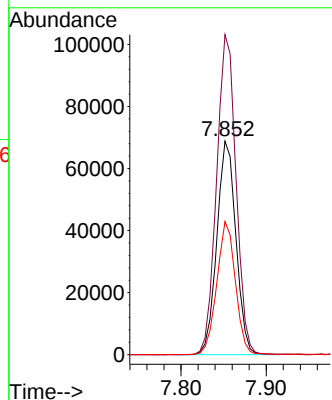
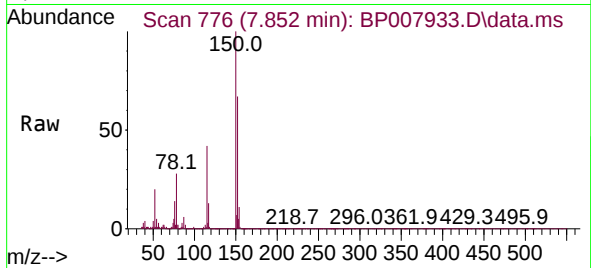




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 7.852 min Scan# 7  
 Delta R.T. -0.012 min  
 Lab File: BP007933.D  
 Acq: 10 Nov 2021 22:47

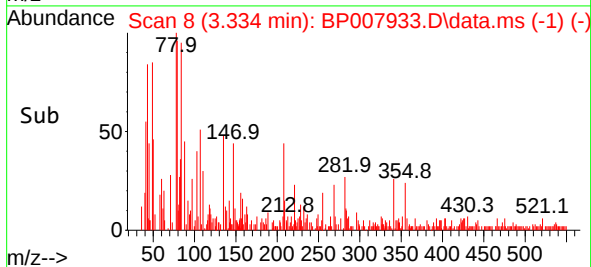
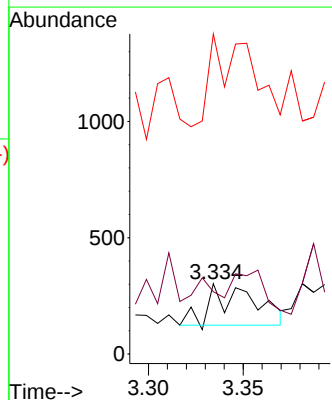
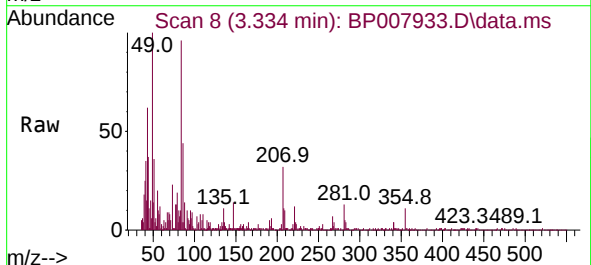
Instrument :  
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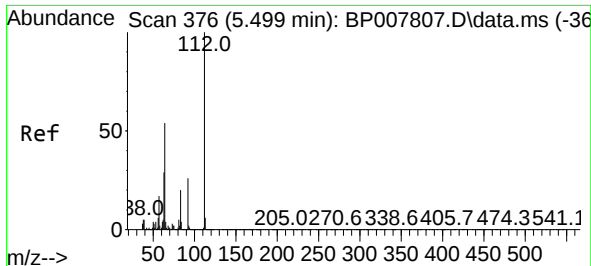
Tgt Ion:152 Resp: 107081  
 Ion Ratio Lower Upper  
 152 100  
 150 149.9 124.1 186.1  
 115 62.3 48.1 72.1



#2  
 1,4-Dioxane  
 Concen: Below Cal  
 RT: 3.334 min Scan# 8  
 Delta R.T. -0.018 min  
 Lab File: BP007933.D  
 Acq: 10 Nov 2021 22:47

Tgt Ion: 88 Resp: 292  
 Ion Ratio Lower Upper  
 88 100  
 58 13.4 58.1 87.1#  
 43 205.1 22.2 33.4#

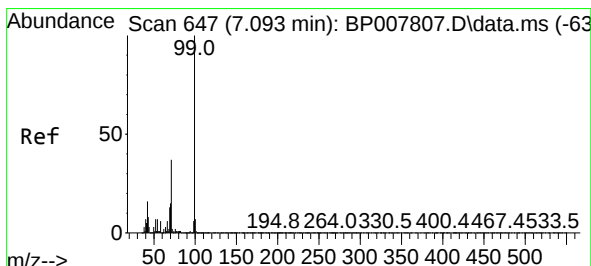
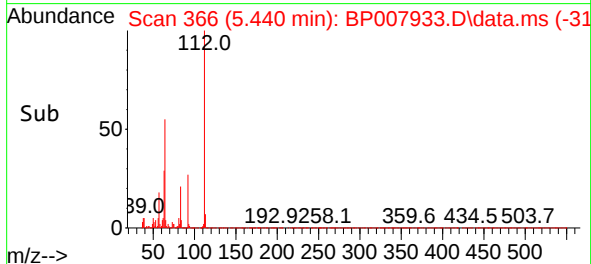
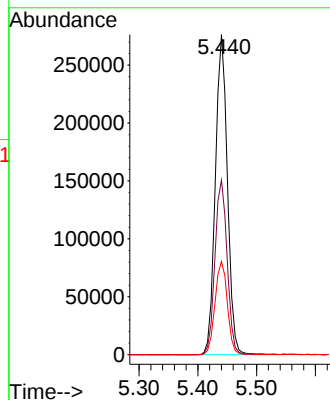
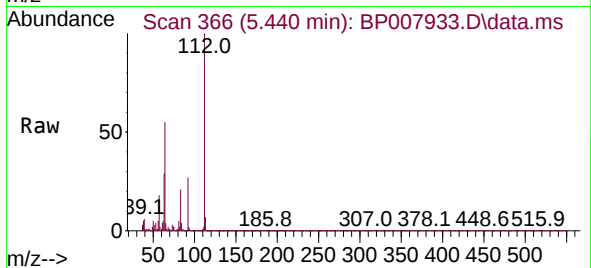




#5  
2-Fluorophenol  
Concen: 62.360 ng  
RT: 5.440 min Scan# 30  
Delta R.T. -0.006 min  
Lab File: BP007933.D  
Acq: 10 Nov 2021 22:47

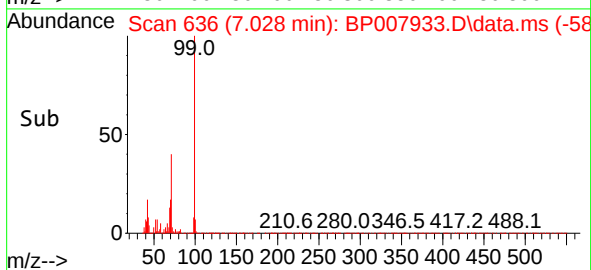
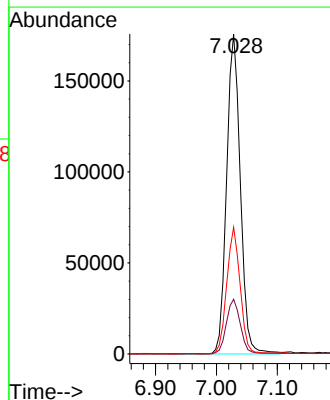
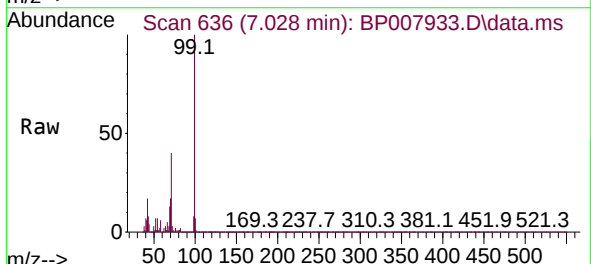
Instrument :  
BNA\_P  
ClientSampleId :  
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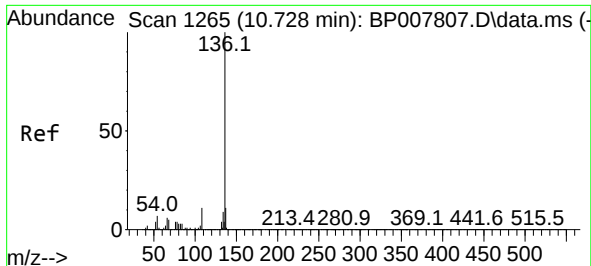
Tgt Ion:112 Resp: 393742  
Ion Ratio Lower Upper  
112 100  
64 54.6 46.6 70.0  
63 29.1 25.0 37.6



#7  
Phenol-d6  
Concen: 30.086 ng  
RT: 7.028 min Scan# 636  
Delta R.T. -0.012 min  
Lab File: BP007933.D  
Acq: 10 Nov 2021 22:47

Tgt Ion: 99 Resp: 274954  
Ion Ratio Lower Upper  
99 100  
42 17.1 14.9 22.3  
71 39.6 29.2 43.8

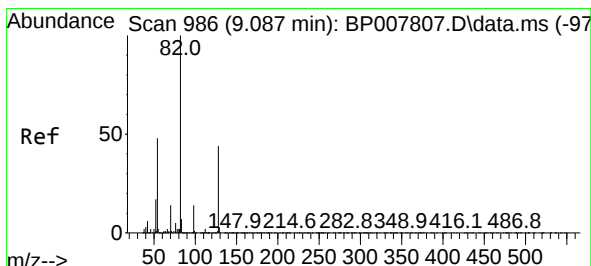
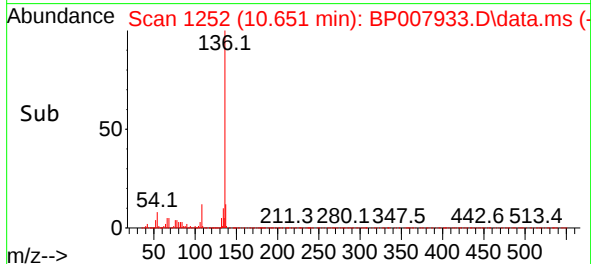
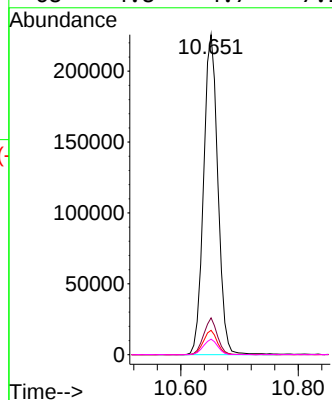
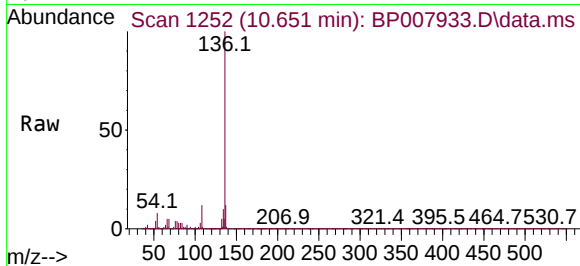




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.651 min Scan# 11  
Delta R.T. -0.012 min  
Lab File: BP007933.D  
Acq: 10 Nov 2021 22:47

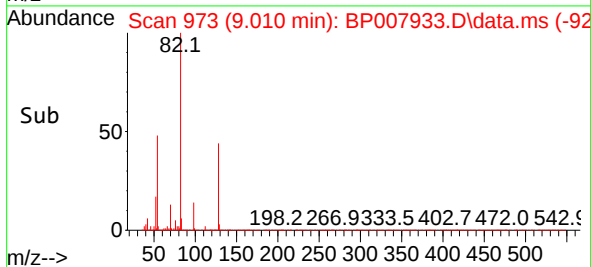
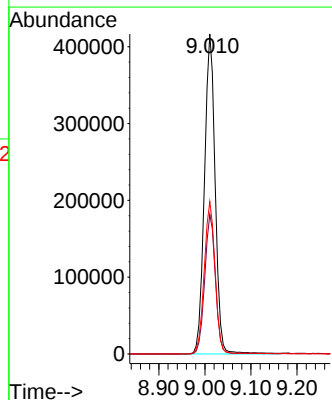
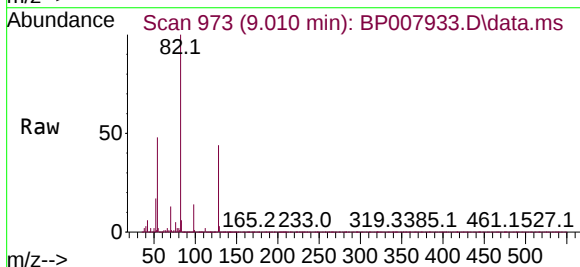
Instrument :  
BNA\_P  
ClientSampleId :  
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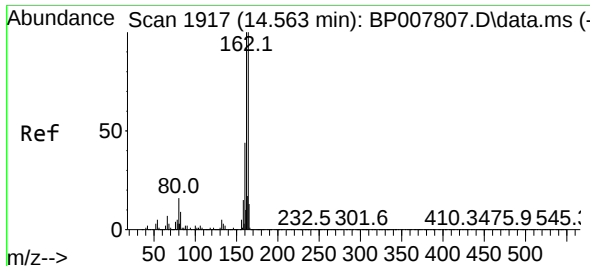
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 136   | Resp: | 380190 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 11.5  | 8.6   | 13.0   |
| 54       | 7.6   | 6.2   | 9.4    |
| 68       | 4.8   | 4.7   | 7.1    |



#23  
Nitrobenzene-d5  
Concen: 96.235 ng  
RT: 9.010 min Scan# 973  
Delta R.T. -0.018 min  
Lab File: BP007933.D  
Acq: 10 Nov 2021 22:47

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 82    | Resp: | 681112 |
| Ion      | Ratio | Lower | Upper  |
| 82       | 100   |       |        |
| 128      | 43.6  | 32.6  | 48.8   |
| 54       | 47.6  | 40.4  | 60.6   |

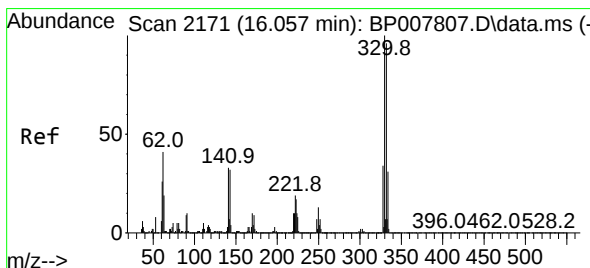
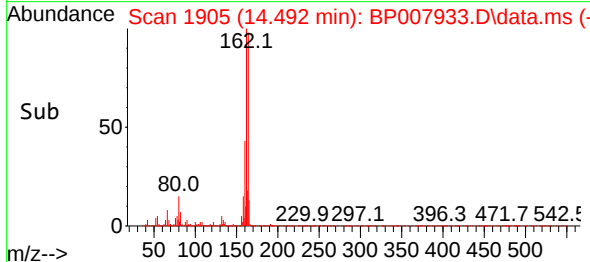
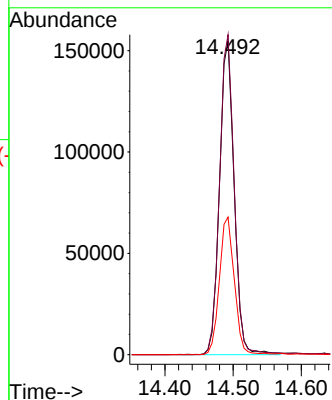
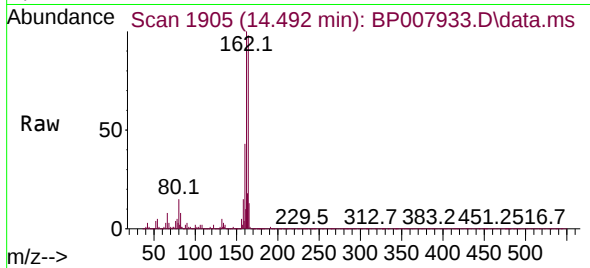




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.492 min Scan# 1917  
Delta R.T. -0.012 min  
Lab File: BP007933.D  
Acq: 10 Nov 2021 22:47

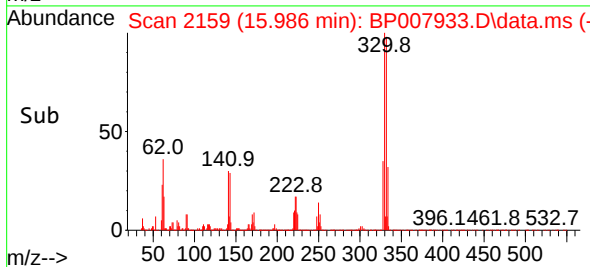
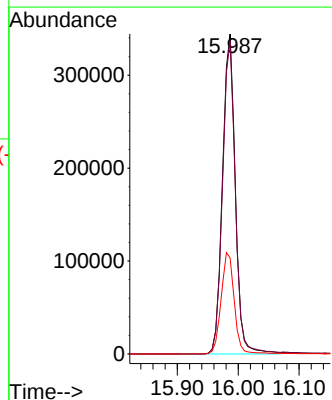
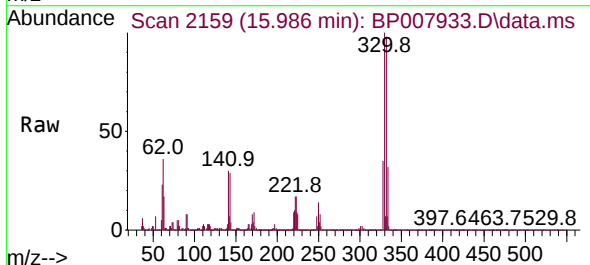
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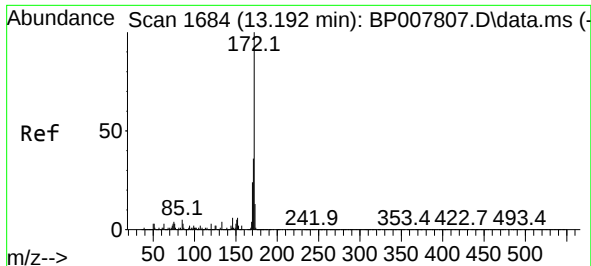
Tgt Ion:164 Resp: 231049  
Ion Ratio Lower Upper  
164 100  
162 102.0 81.1 121.7  
160 43.9 36.0 54.0



#42  
2,4,6-Tribromophenol  
Concen: 152.589 ng  
RT: 15.986 min Scan# 2159  
Delta R.T. -0.012 min  
Lab File: BP007933.D  
Acq: 10 Nov 2021 22:47

Tgt Ion:330 Resp: 503146  
Ion Ratio Lower Upper  
330 100  
332 98.3 78.9 118.3  
141 32.7 30.7 46.1

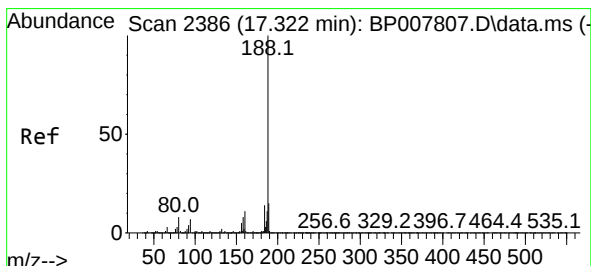
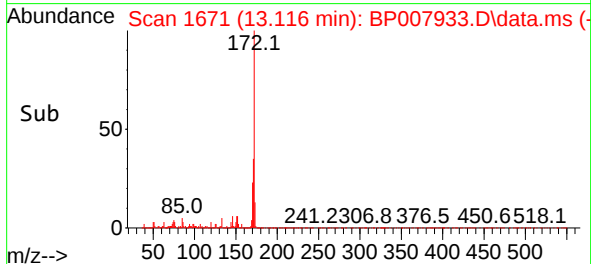
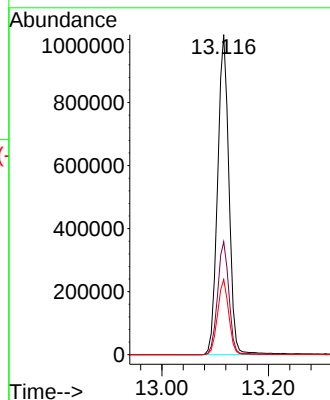
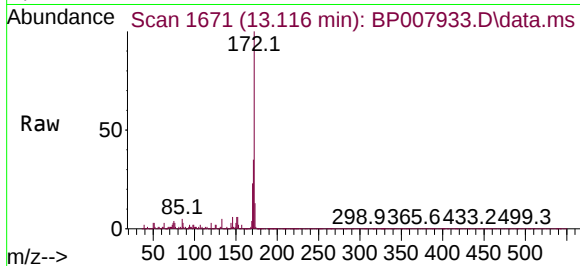




#45  
2-Fluorobiphenyl  
Concen: 94.306 ng  
RT: 13.116 min Scan# 1  
Delta R.T. -0.012 min  
Lab File: BP007933.D  
Acq: 10 Nov 2021 22:47

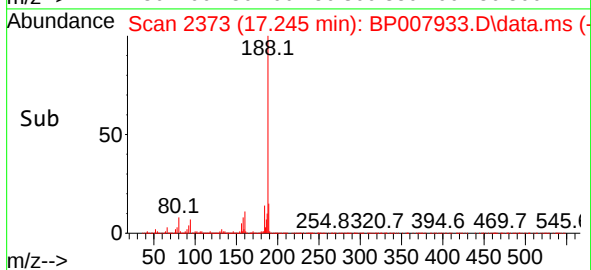
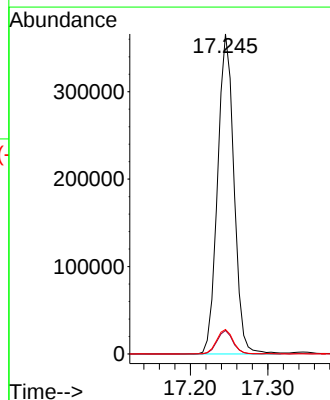
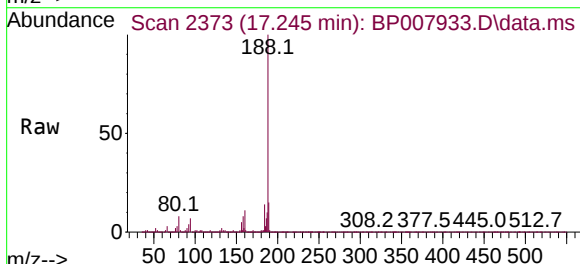
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BNA\_P  
ClientSampleId :  
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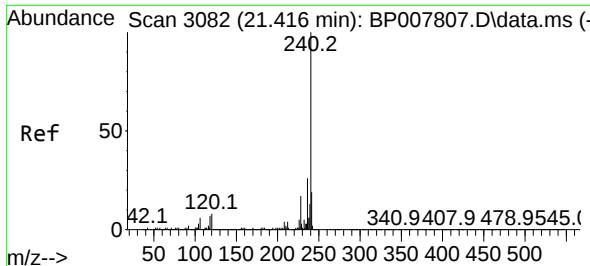
Tgt Ion:172 Resp: 1496233  
Ion Ratio Lower Upper  
172 100  
171 35.3 28.2 42.2  
170 23.5 19.0 28.4



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.245 min Scan# 2373  
Delta R.T. -0.012 min  
Lab File: BP007933.D  
Acq: 10 Nov 2021 22:47

Tgt Ion:188 Resp: 537349  
Ion Ratio Lower Upper  
188 100  
94 7.4 7.1 10.7  
80 7.7 7.8 11.6#

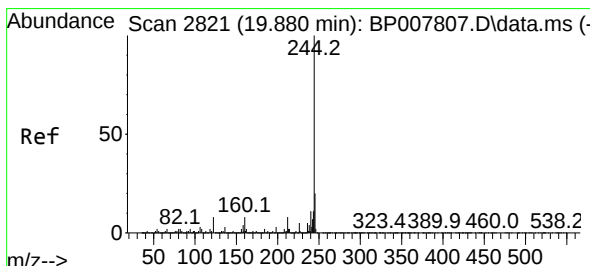
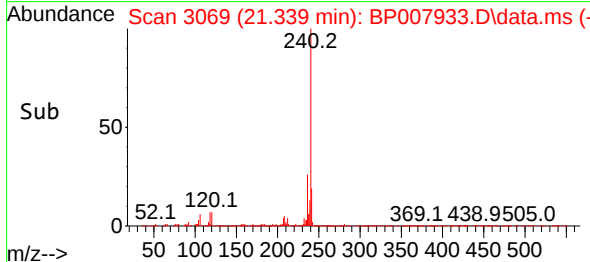
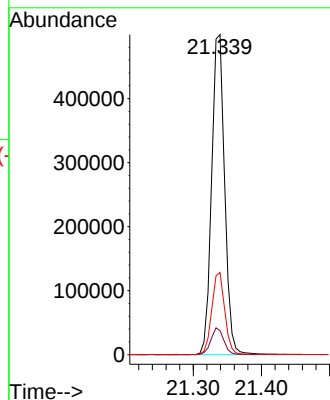
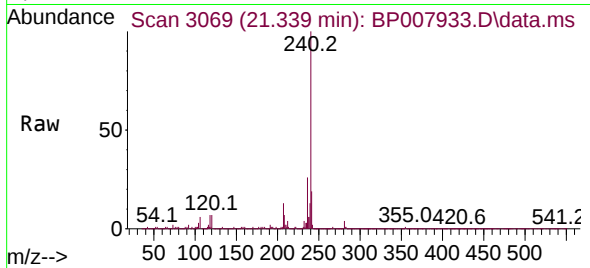




#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.339 min Scan# 3082  
Delta R.T. -0.012 min  
Lab File: BP007933.D  
Acq: 10 Nov 2021 22:47

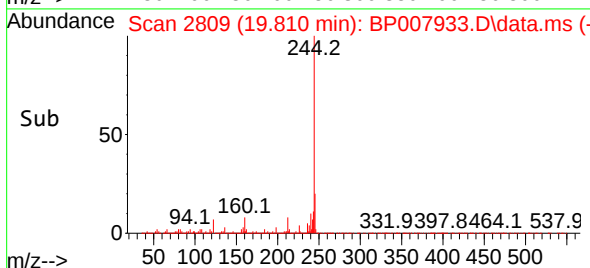
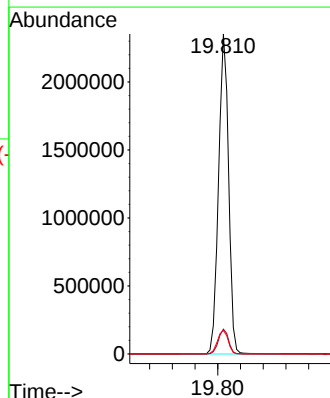
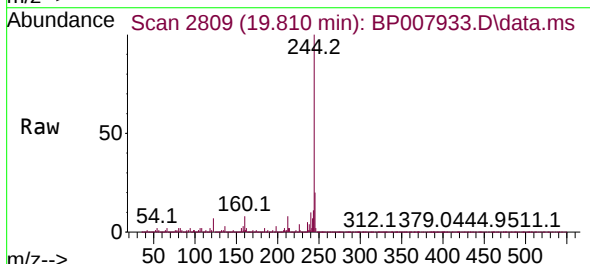
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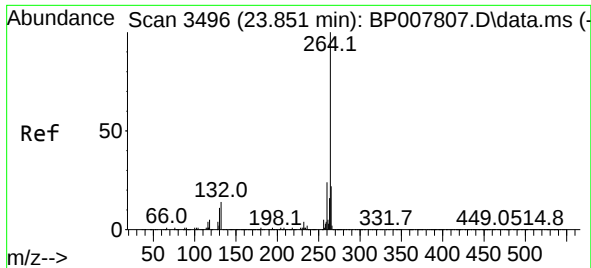
Tgt Ion:240 Resp: 664725  
Ion Ratio Lower Upper  
240 100  
120 7.5 7.8 11.8#  
236 25.7 20.6 30.8



#79  
Terphenyl-d14  
Concen: 87.951 ng  
RT: 19.810 min Scan# 2809  
Delta R.T. -0.012 min  
Lab File: BP007933.D  
Acq: 10 Nov 2021 22:47

Tgt Ion:244 Resp: 2871062  
Ion Ratio Lower Upper  
244 100  
212 7.7 6.2 9.2  
122 7.4 7.8 11.8#





#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 23.745 min Scan# 34  
 Delta R.T. -0.024 min  
 Lab File: BP007933.D  
 Acq: 10 Nov 2021 22:47

Instrument :  
 BNA\_P  
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Tgt Ion:264 Resp: 745138  
 Ion Ratio Lower Upper  
 264 100  
 260 24.2 19.1 28.7  
 265 22.4 16.7 25.1

