

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP110121\  
 Data File : BP007795.D  
 Acq On : 01 Nov 2021 17:15  
 Operator : CG/JU  
 Sample : M4424-08  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 T3-EP01-SE

Quant Time: Nov 02 01:49:51 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP101321.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Nov 02 01:43:06 2021  
 Response via : Initial Calibration

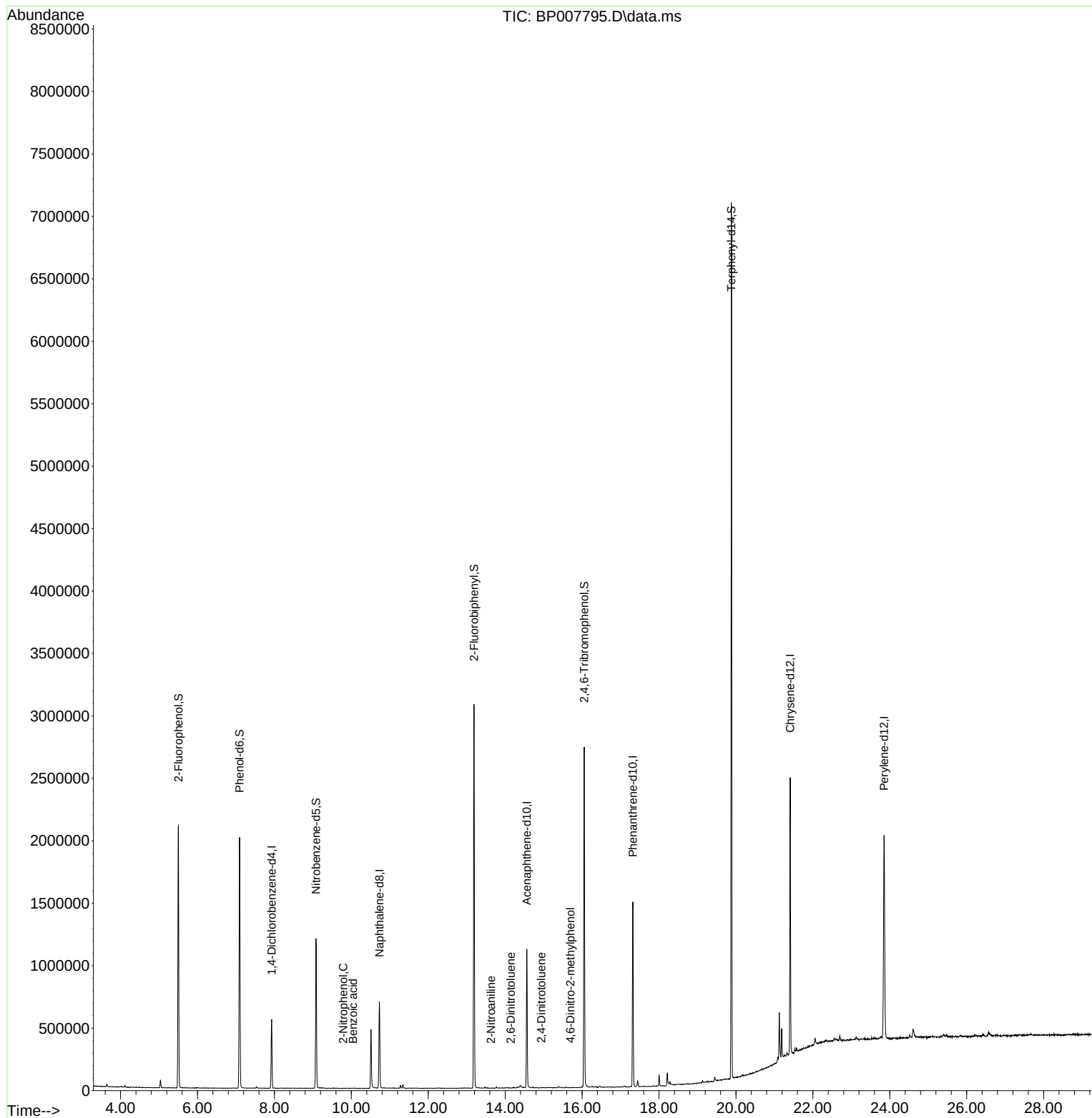
| Compound                      | R.T.   | QIon | Response | Conc      | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-----------|-------|----------|
| -----                         |        |      |          |           |       |          |
| Internal Standards            |        |      |          |           |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.928  | 152  | 153490   | 20.000    | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.728 | 136  | 582046   | 20.000    | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.563 | 164  | 381218   | 20.000    | ng    | -0.01    |
| 64) Phenanthrene-d10          | 17.322 | 188  | 903399   | 20.000    | ng    | 0.00     |
| 76) Chrysene-d12              | 21.410 | 240  | 1123070  | 20.000    | ng    | -0.01    |
| 86) Perylene-d12              | 23.851 | 264  | 1252114  | 20.000    | ng    | -0.02    |
|                               |        |      |          |           |       |          |
| System Monitoring Compounds   |        |      |          |           |       |          |
| 5) 2-Fluorophenol             | 5.505  | 112  | 924949   | 99.879    | ng    | 0.00     |
| 7) Phenol-d6                  | 7.093  | 99   | 1150284  | 92.194    | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.081  | 82   | 688304   | 72.980    | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol      | 16.057 | 330  | 537508   | 135.838   | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.193 | 172  | 1681364  | 67.415    | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.880 | 244  | 3304955  | 59.603    | ng    | -0.01    |
|                               |        |      |          |           |       |          |
| Target Compounds              |        |      |          |           |       |          |
| 9) Benzaldehyde               | 7.046  | 77   | 191      | Below Cal | #     | 13       |
| 26) 2-Nitrophenol             | 9.787  | 139  | 34       | 3.975     | ng    | 89       |
| 32) Benzoic acid              | 10.046 | 122  | 69       | 6.505     | ng    | # 1      |
| 48) 2-Nitroaniline            | 13.634 | 65   | 194      | 3.933     | ng    | # 15     |
| 51) 2,6-Dinitrotoluene        | 14.145 | 165  | 107      | 2.189     | ng    | 87       |
| 57) 2,4-Dinitrotoluene        | 14.940 | 165  | 181      | 3.531     | ng    | # 70     |
| 58) Fluorene                  | 15.616 | 166  | 116      | Below Cal | #     | 88       |
| 61) 4-Chlorophenyl-phenyle... | 15.587 | 204  | 48       | Below Cal | #     | 13       |
| 65) 4,6-Dinitro-2-methylph... | 15.698 | 198  | 7        | 5.083     | ng    | # 1      |
| -----                         |        |      |          |           |       |          |

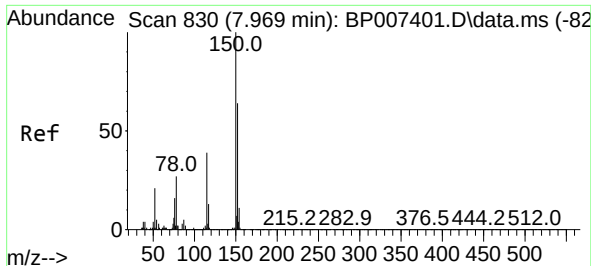
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP110121\  
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Instrument :  
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T3-EP01-SE

Quant Time: Nov 02 01:49:51 2021  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP101321.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue Nov 02 01:43:06 2021  
Response via : Initial Calibration

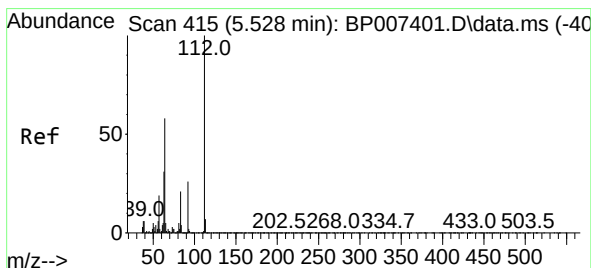
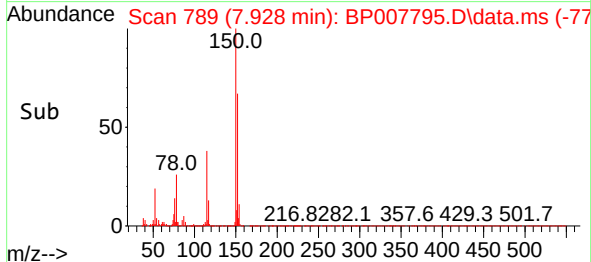
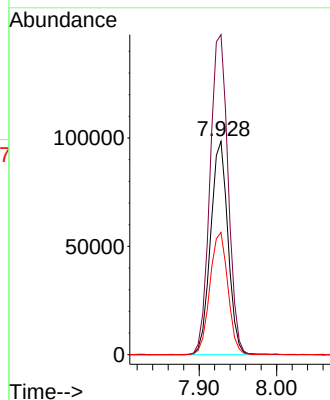
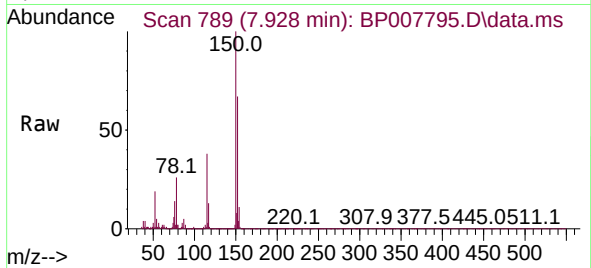




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 7.928 min Scan# 71  
 Delta R.T. 0.000 min  
 Lab File: BP007795.D  
 Acq: 01 Nov 2021 17:15

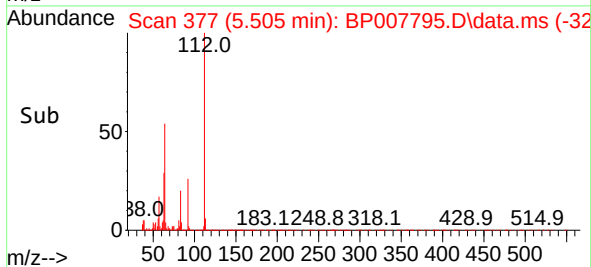
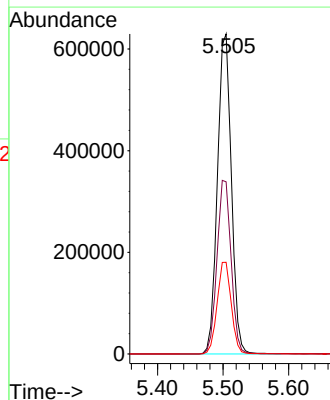
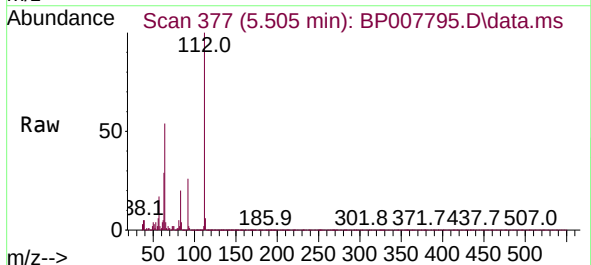
Instrument :  
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 ClientSampleId :  
 T3-EP01-SE

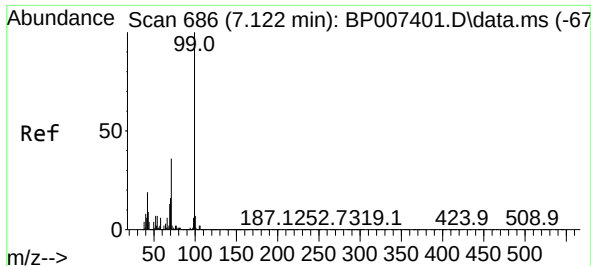
Tgt Ion:152 Resp: 153490  
 Ion Ratio Lower Upper  
 152 100  
 150 150.0 124.1 186.1  
 115 57.3 48.1 72.1



#5  
 2-Fluorophenol  
 Concen: 99.879 ng  
 RT: 5.505 min Scan# 377  
 Delta R.T. -0.000 min  
 Lab File: BP007795.D  
 Acq: 01 Nov 2021 17:15

Tgt Ion:112 Resp: 924949  
 Ion Ratio Lower Upper  
 112 100  
 64 53.8 46.6 70.0  
 63 28.7 25.0 37.6



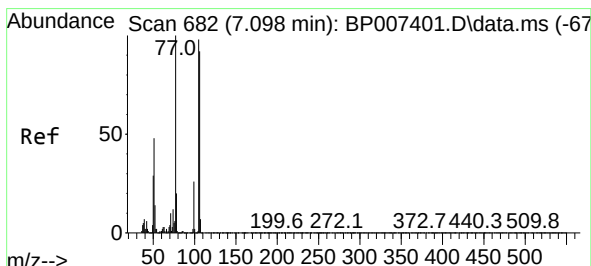
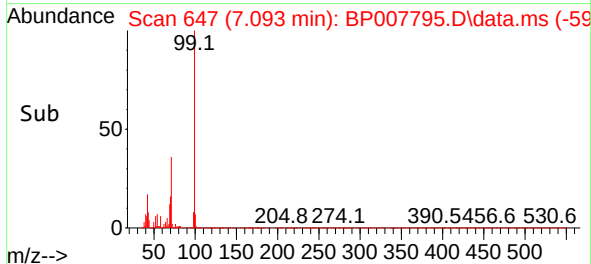
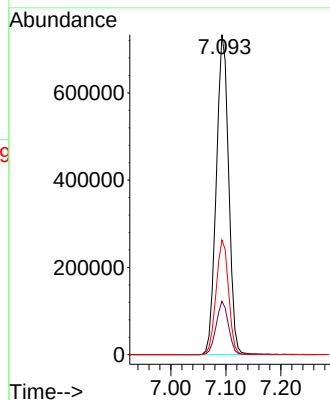
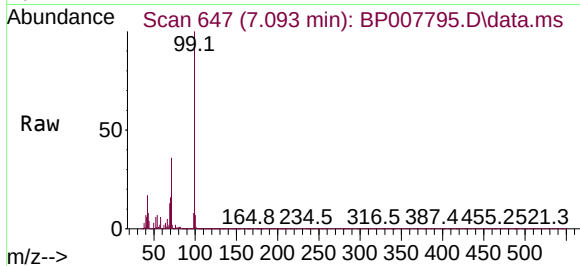


#7  
Phenol-d6  
Concen: 92.194 ng  
RT: 7.093 min Scan# 647  
Delta R.T. -0.006 min  
Lab File: BP007795.D  
Acq: 01 Nov 2021 17:15

Instrument :  
BNA\_P  
ClientSampleId :  
T3-EP01-SE

Tgt Ion: 99 Resp: 1150284

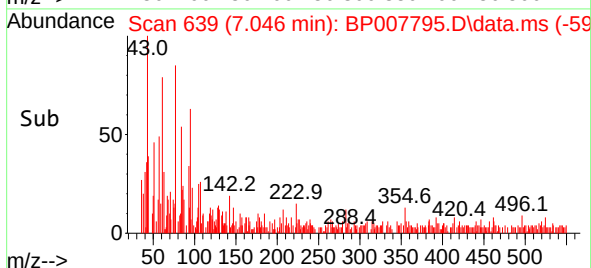
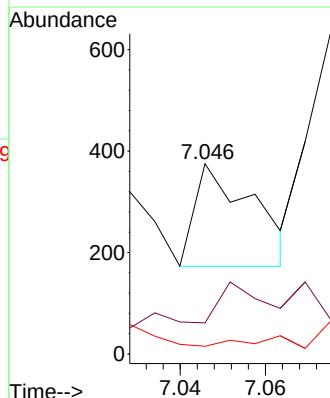
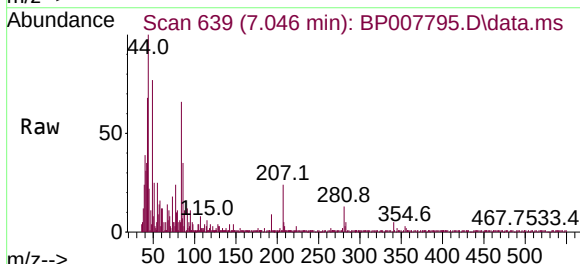
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 16.7  | 14.9  | 22.3  |
| 71  | 35.9  | 29.2  | 43.8  |

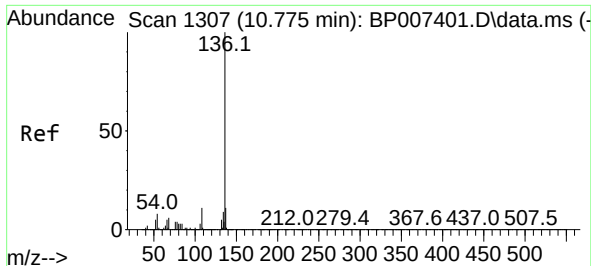


#9  
Benzaldehyde  
Concen: Below Cal  
RT: 7.046 min Scan# 639  
Delta R.T. -0.018 min  
Lab File: BP007795.D  
Acq: 01 Nov 2021 17:15

Tgt Ion: 77 Resp: 191

| Ion | Ratio | Lower | Upper  |
|-----|-------|-------|--------|
| 77  | 100   |       |        |
| 105 | 16.3  | 77.5  | 117.5# |
| 106 | 4.0   | 72.1  | 112.1# |

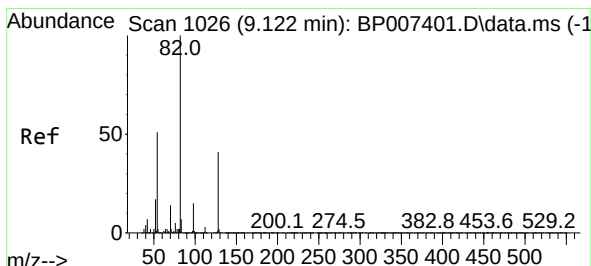
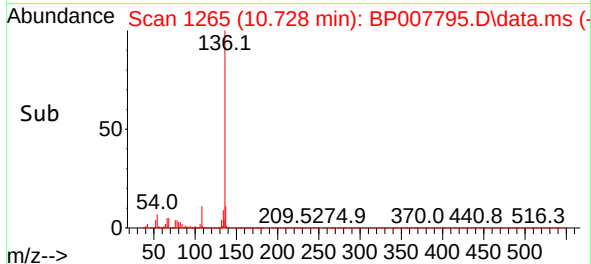
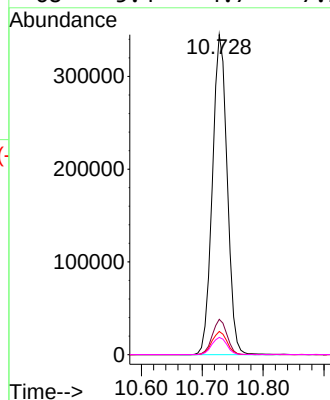
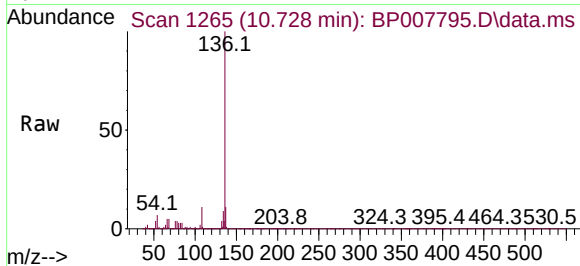




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.728 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BP007795.D  
Acq: 01 Nov 2021 17:15

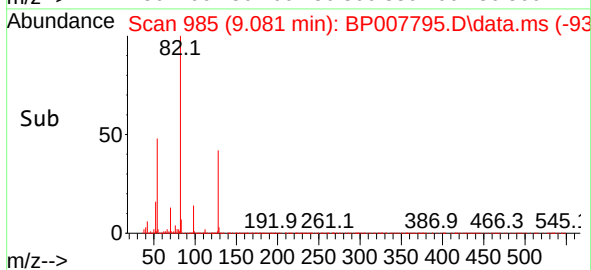
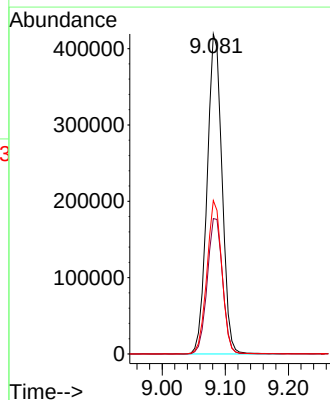
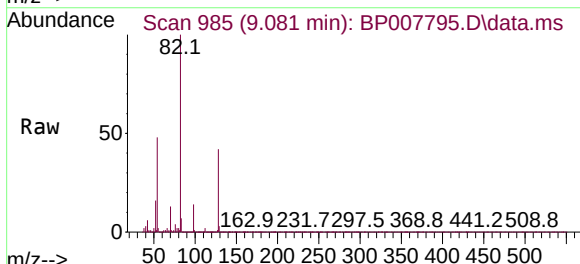
Instrument :  
BNA\_P  
ClientSampleId :  
T3-EP01-SE

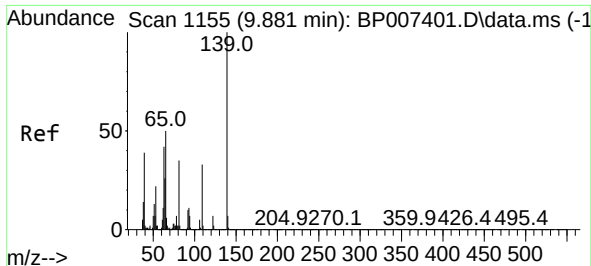
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 136   | Resp: | 582046 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 11.1  | 8.6   | 13.0   |
| 54       | 7.3   | 6.2   | 9.4    |
| 68       | 5.4   | 4.7   | 7.1    |



#23  
Nitrobenzene-d5  
Concen: 72.980 ng  
RT: 9.081 min Scan# 985  
Delta R.T. -0.012 min  
Lab File: BP007795.D  
Acq: 01 Nov 2021 17:15

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 82    | Resp: | 688304 |
| Ion      | Ratio | Lower | Upper  |
| 82       | 100   |       |        |
| 128      | 42.3  | 32.6  | 48.8   |
| 54       | 47.9  | 40.4  | 60.6   |

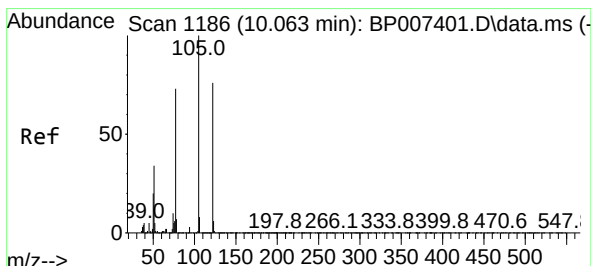
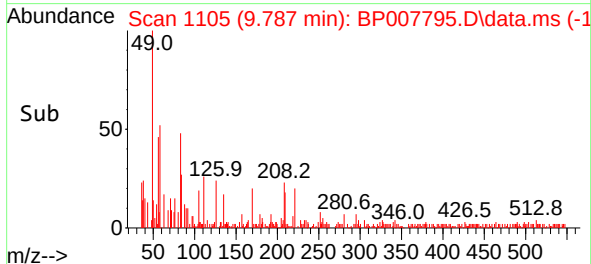
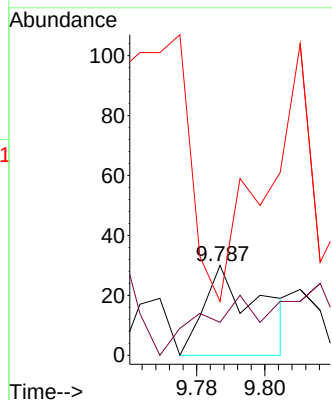
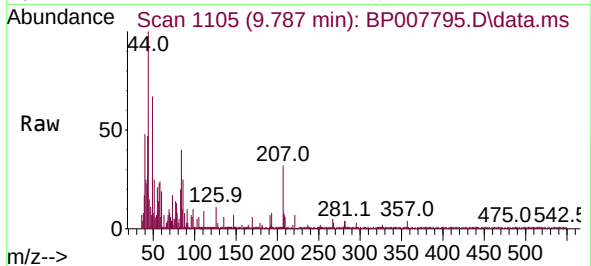




#26  
2-Nitrophenol  
Concen: 3.975 ng  
RT: 9.787 min Scan# 1155  
Delta R.T. -0.059 min  
Lab File: BP007795.D  
Acq: 01 Nov 2021 17:15

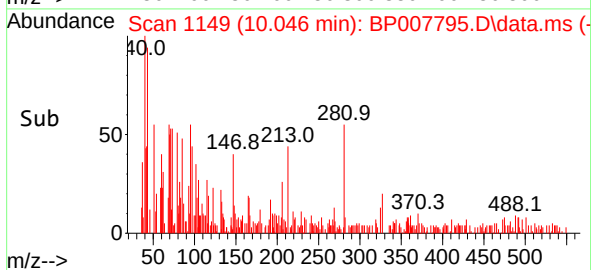
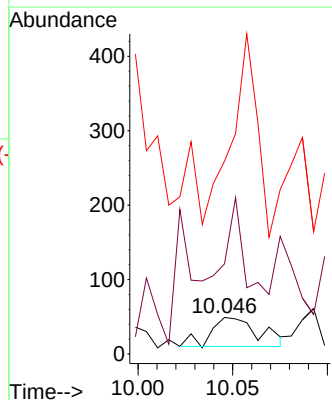
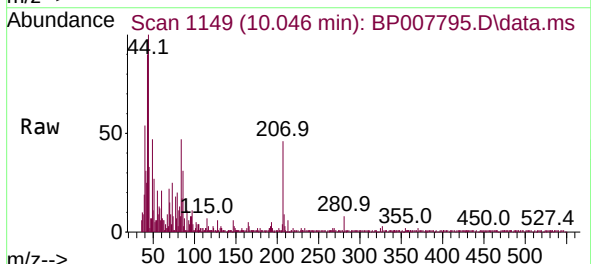
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ClientSampleId :  
T3-EP01-SE

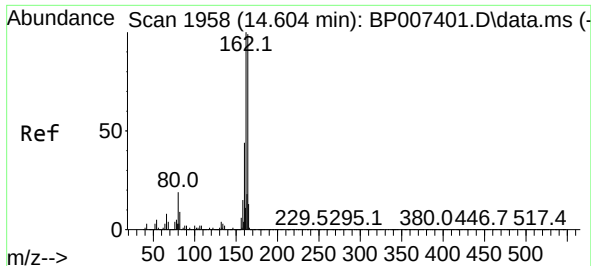
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 139   | Resp: | 34    |
| Ion      | Ratio | Lower | Upper |
| 139      | 100   |       |       |
| 109      | 36.7  | 26.2  | 39.2  |
| 65       | 60.0  | 40.3  | 60.5  |



#32  
Benzoic acid  
Concen: 6.505 ng  
RT: 10.046 min Scan# 1149  
Delta R.T. -0.012 min  
Lab File: BP007795.D  
Acq: 01 Nov 2021 17:15

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 122   | Resp: | 69     |
| Ion      | Ratio | Lower | Upper  |
| 122      | 100   |       |        |
| 105      | 246.9 | 105.9 | 145.9# |
| 77       | 528.6 | 74.6  | 114.6# |

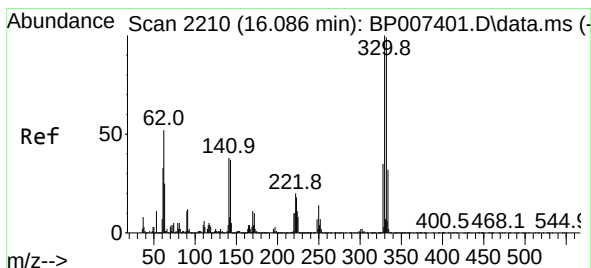
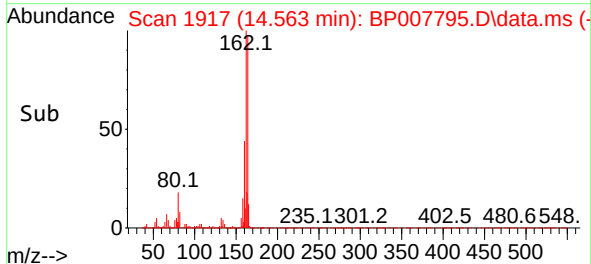
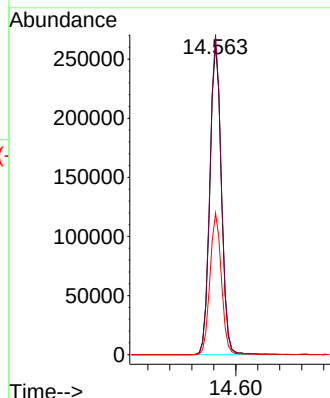
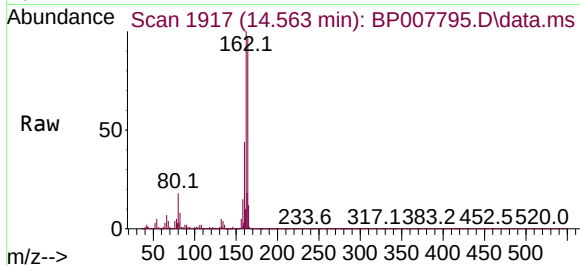




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.563 min Scan# 1917  
Delta R.T. -0.012 min  
Lab File: BP007795.D  
Acq: 01 Nov 2021 17:15

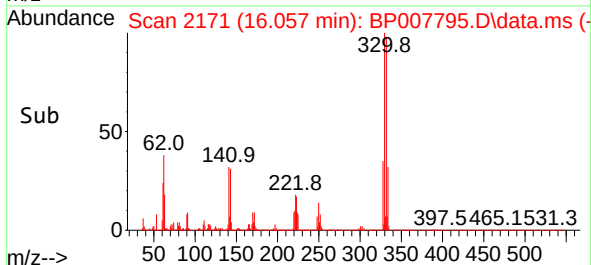
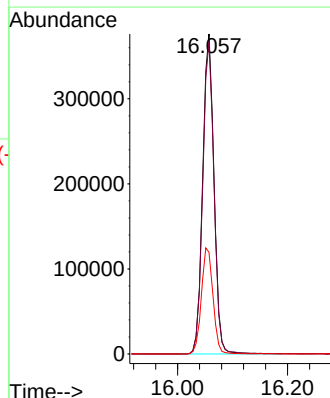
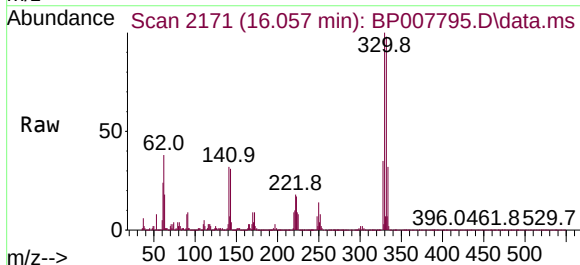
Instrument :  
BNA\_P  
ClientSampleId :  
T3-EP01-SE

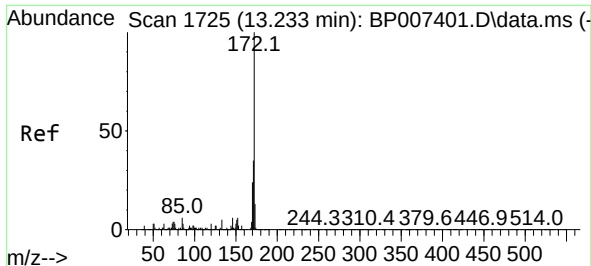
Tgt Ion:164 Resp: 381218  
Ion Ratio Lower Upper  
164 100  
162 103.2 81.1 121.7  
160 45.7 36.0 54.0



#42  
2,4,6-Tribromophenol  
Concen: 135.838 ng  
RT: 16.057 min Scan# 2171  
Delta R.T. -0.006 min  
Lab File: BP007795.D  
Acq: 01 Nov 2021 17:15

Tgt Ion:330 Resp: 537508  
Ion Ratio Lower Upper  
330 100  
332 96.9 78.9 118.3  
141 34.1 30.7 46.1

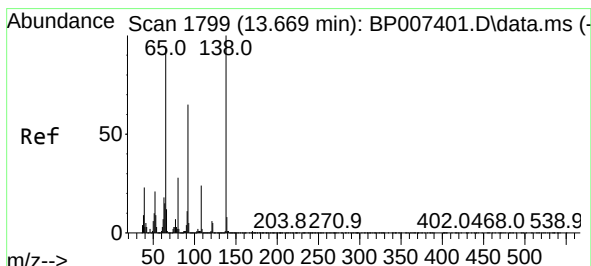
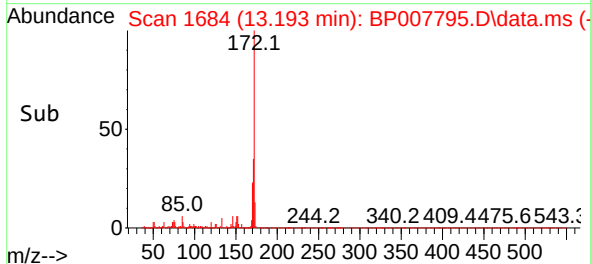
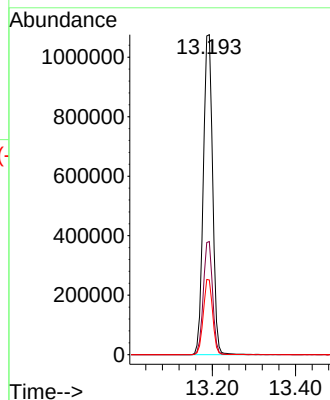
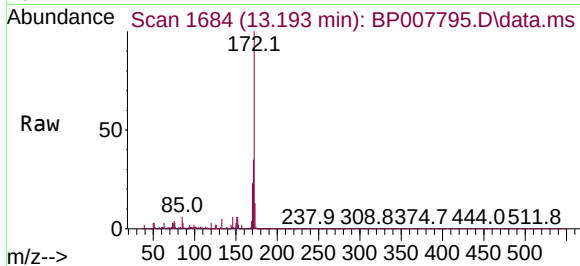




#45  
2-Fluorobiphenyl  
Concen: 67.415 ng  
RT: 13.193 min Scan# 1  
Delta R.T. -0.006 min  
Lab File: BP007795.D  
Acq: 01 Nov 2021 17:15

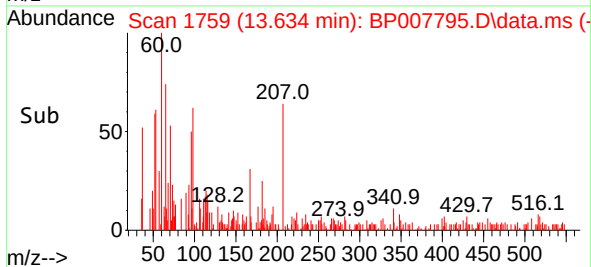
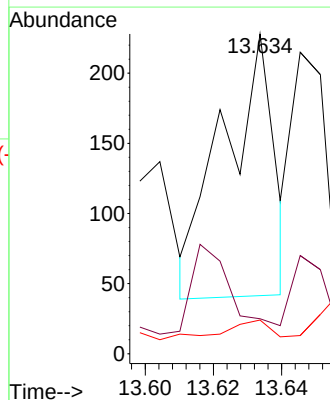
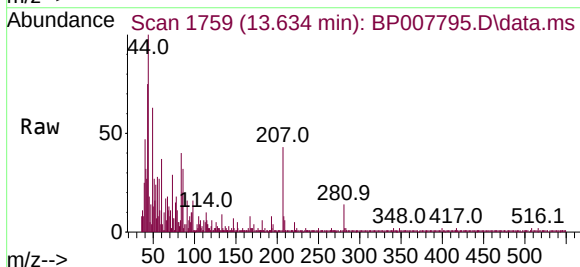
Instrument :  
BNA\_P  
ClientSampleId :  
T3-EP01-SE

Tgt Ion:172 Resp: 1681364  
Ion Ratio Lower Upper  
172 100  
171 35.4 28.2 42.2  
170 23.4 19.0 28.4

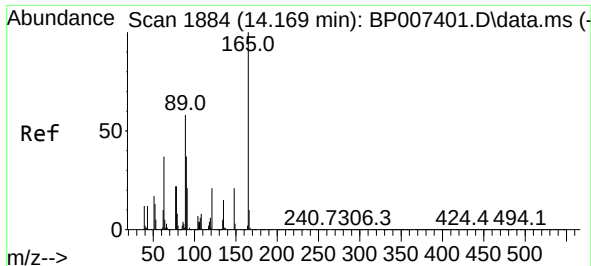


#48  
2-Nitroaniline  
Concen: 3.933 ng  
RT: 13.634 min Scan# 1759  
Delta R.T. -0.012 min  
Lab File: BP007795.D  
Acq: 01 Nov 2021 17:15

Tgt Ion: 65 Resp: 194  
Ion Ratio Lower Upper  
65 100  
92 11.0 55.9 83.9#  
138 10.5 86.3 129.5#



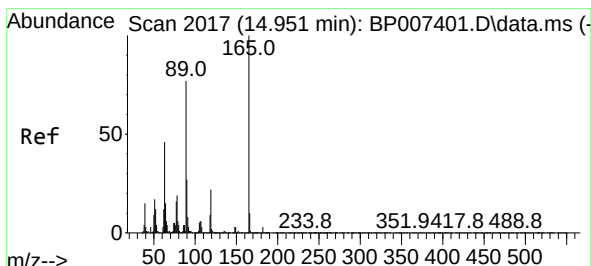
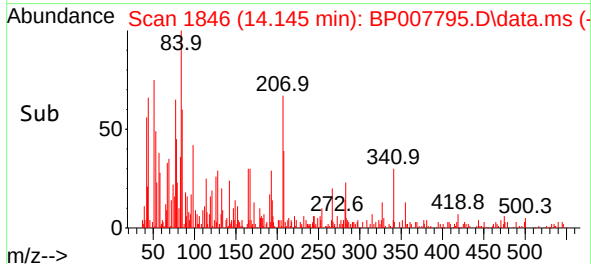
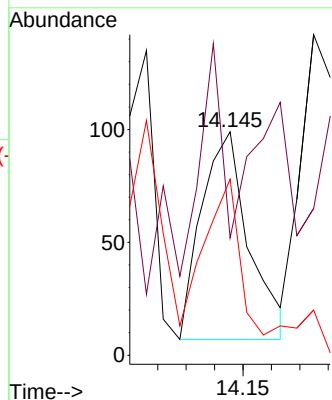
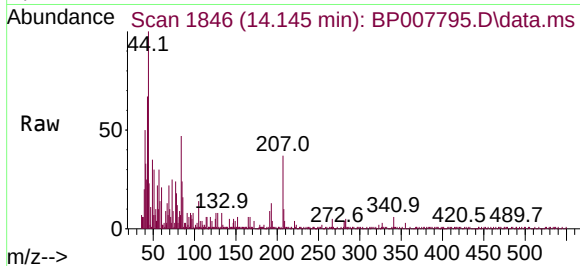




#51  
2,6-Dinitrotoluene  
Concen: 2.189 ng  
RT: 14.145 min Scan# 1846  
Delta R.T. -0.000 min  
Lab File: BP007795.D  
Acq: 01 Nov 2021 17:15

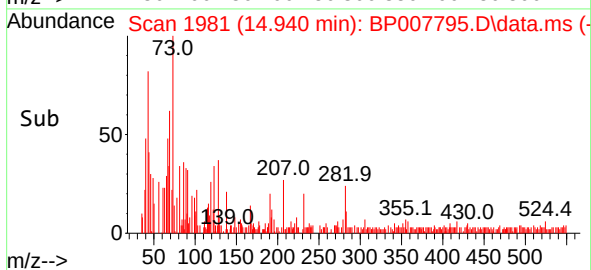
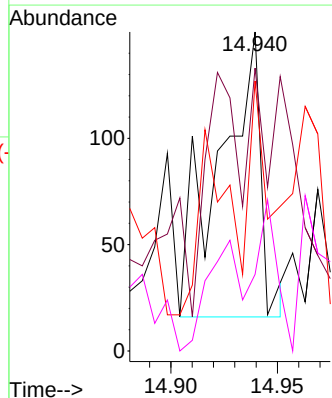
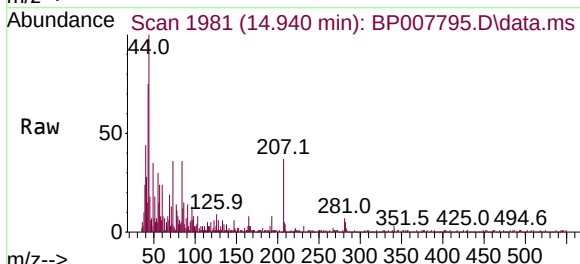
Instrument :  
BNA\_P  
ClientSampleId :  
T3-EP01-SE

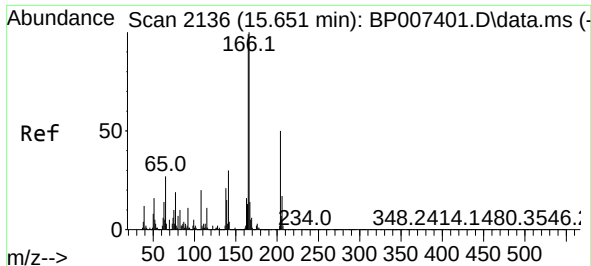
Tgt Ion:165 Resp: 107  
Ion Ratio Lower Upper  
165 100  
63 45.6 44.2 66.2  
89 68.4 46.6 70.0



#57  
2,4-Dinitrotoluene  
Concen: 3.531 ng  
RT: 14.940 min Scan# 1981  
Delta R.T. 0.006 min  
Lab File: BP007795.D  
Acq: 01 Nov 2021 17:15

Tgt Ion:165 Resp: 181  
Ion Ratio Lower Upper  
165 100  
63 88.7 37.4 56.0#  
89 84.7 61.8 92.6  
182 24.0 2.1 3.1#

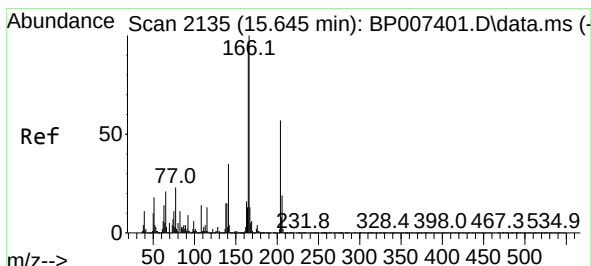
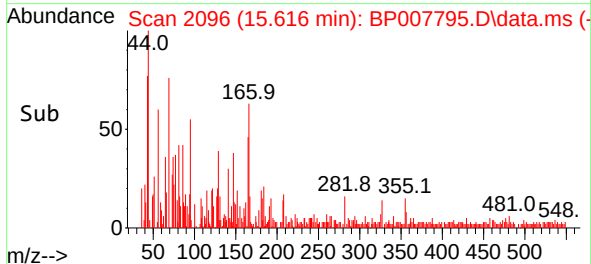
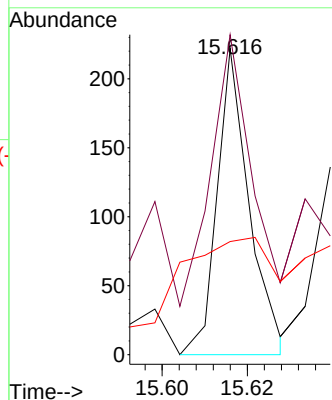
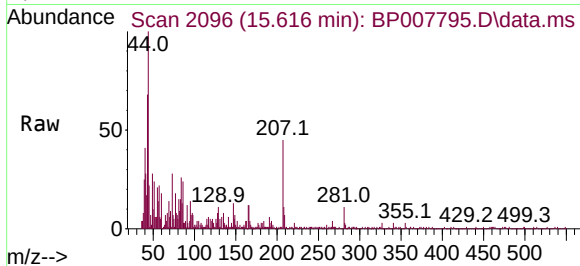




#58  
Fluorene  
Concen: Below Cal  
RT: 15.616 min Scan# 2096  
Delta R.T. -0.006 min  
Lab File: BP007795.D  
Acq: 01 Nov 2021 17:15

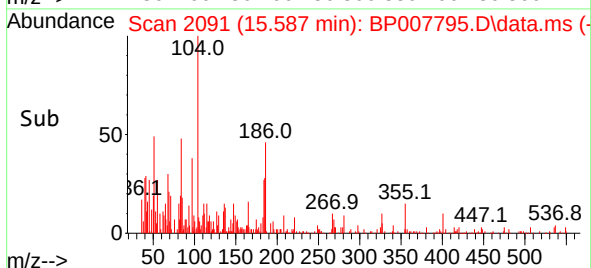
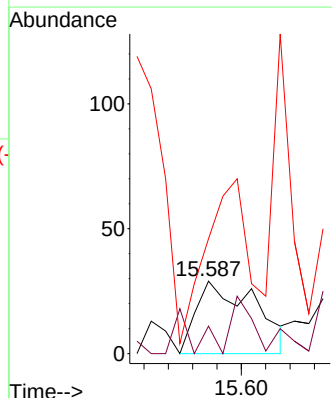
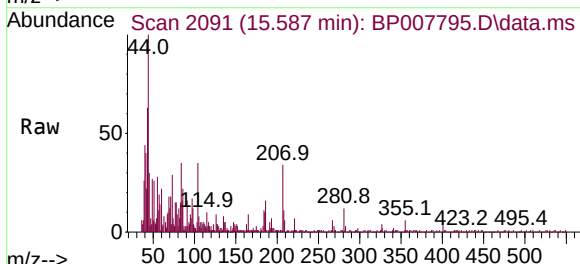
Instrument :  
BNA\_P  
ClientSampleId :  
T3-EP01-SE

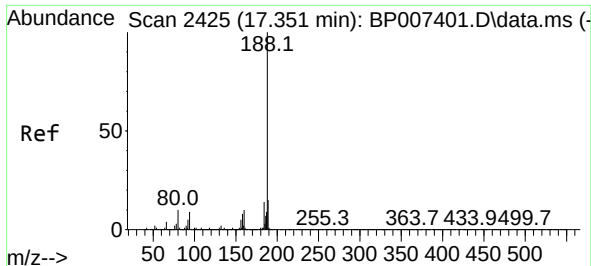
Tgt Ion:166 Resp: 116  
Ion Ratio Lower Upper  
166 100  
165 104.5 78.9 118.3  
167 36.9 10.9 16.3#



#61  
4-Chlorophenyl-phenylether  
Concen: Below Cal  
RT: 15.587 min Scan# 2091  
Delta R.T. -0.030 min  
Lab File: BP007795.D  
Acq: 01 Nov 2021 17:15

Tgt Ion:204 Resp: 48  
Ion Ratio Lower Upper  
204 100  
206 37.9 25.8 38.8  
141 158.6 48.8 73.2#

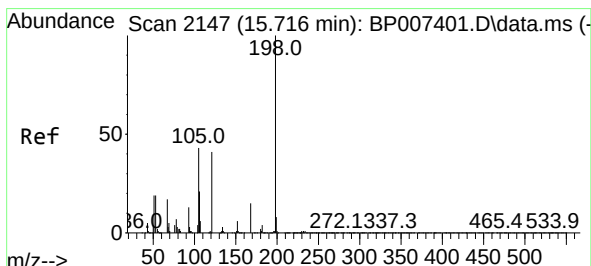
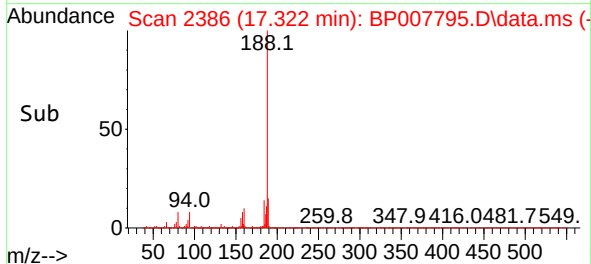
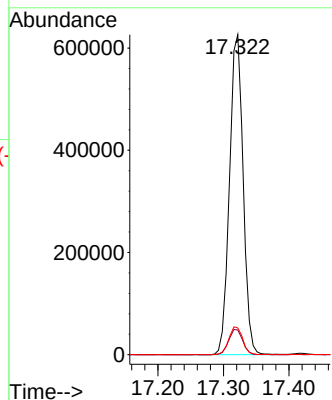
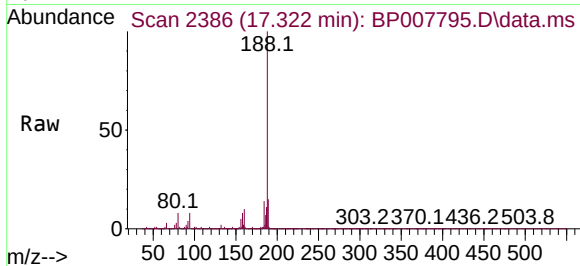




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.322 min Scan# 2110  
Delta R.T. -0.006 min  
Lab File: BP007795.D  
Acq: 01 Nov 2021 17:15

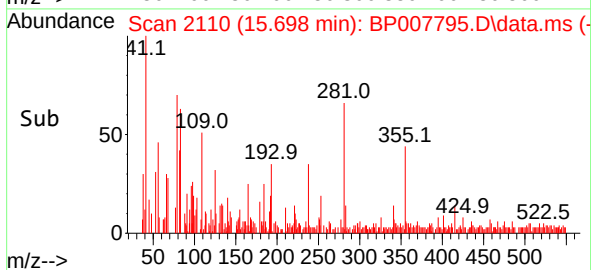
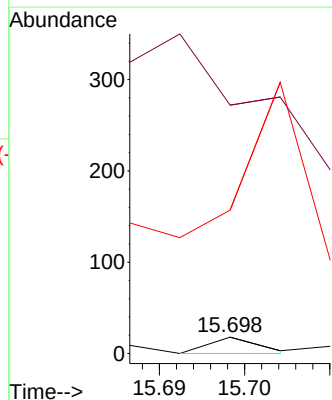
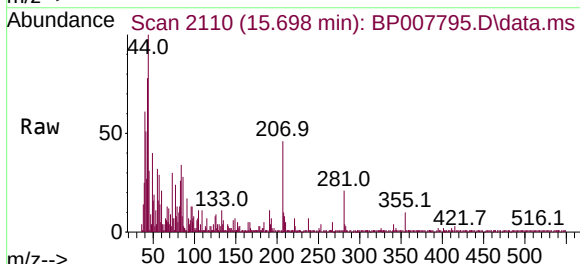
Instrument :  
BNA\_P  
ClientSampleId :  
T3-EP01-SE

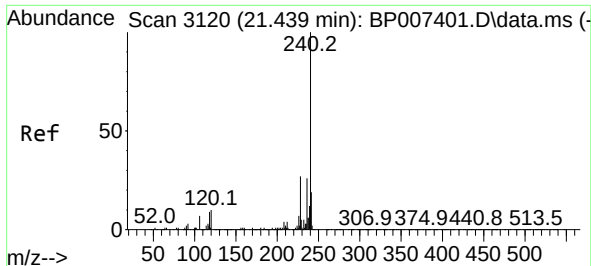
Tgt Ion:188 Resp: 903399  
Ion Ratio Lower Upper  
188 100  
94 7.7 7.1 10.7  
80 8.4 7.8 11.6



#65  
4,6-Dinitro-2-methylphenol  
Concen: 5.083 ng  
RT: 15.698 min Scan# 2110  
Delta R.T. -0.006 min  
Lab File: BP007795.D  
Acq: 01 Nov 2021 17:15

Tgt Ion:198 Resp: 7  
Ion Ratio Lower Upper  
198 100  
51 1511.1 23.8 63.8#  
105 872.2 24.6 64.6#

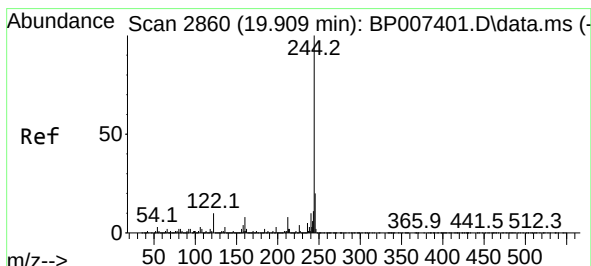
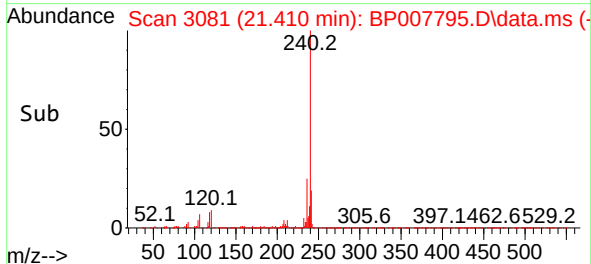
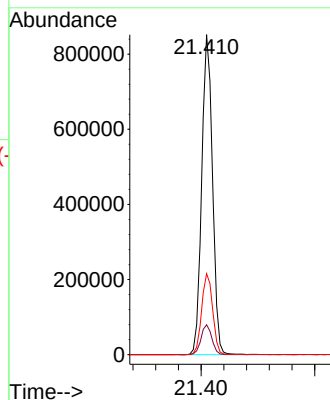
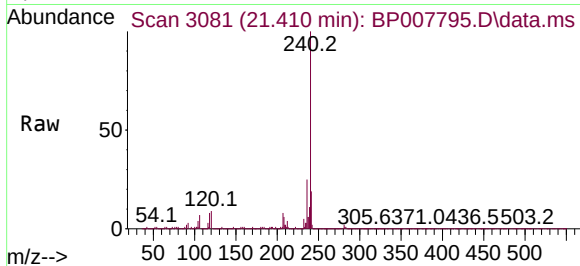




#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.410 min Scan# 30  
Delta R.T. -0.012 min  
Lab File: BP007795.D  
Acq: 01 Nov 2021 17:15

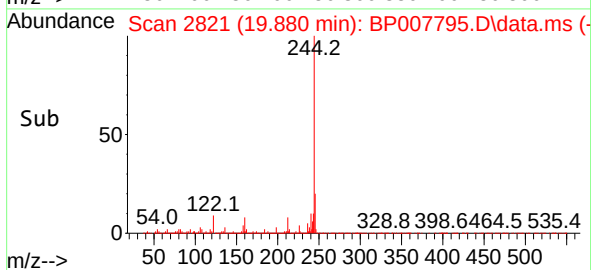
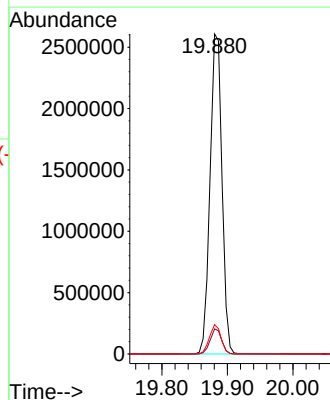
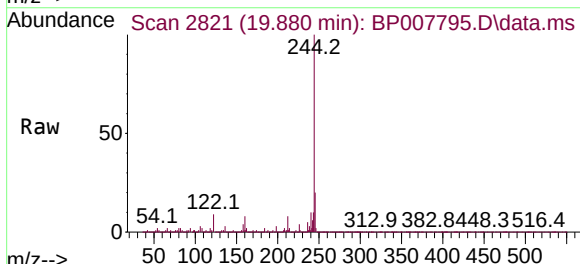
Instrument :  
BNA\_P  
ClientSampleId :  
T3-EP01-SE

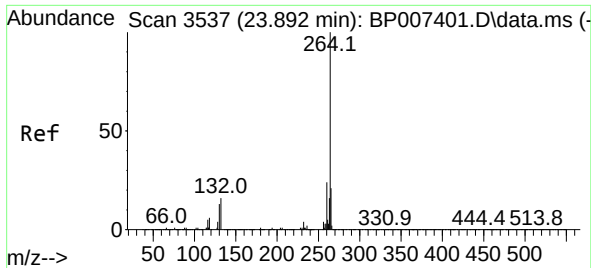
Tgt Ion:240 Resp: 1123070  
Ion Ratio Lower Upper  
240 100  
120 9.4 7.8 11.8  
236 25.3 20.6 30.8



#79  
Terphenyl-d14  
Concen: 59.603 ng  
RT: 19.880 min Scan# 2821  
Delta R.T. -0.012 min  
Lab File: BP007795.D  
Acq: 01 Nov 2021 17:15

Tgt Ion:244 Resp: 3304955  
Ion Ratio Lower Upper  
244 100  
212 7.8 6.2 9.2  
122 9.2 7.8 11.8





#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 23.851 min Scan# 34  
 Delta R.T. -0.018 min  
 Lab File: BP007795.D  
 Acq: 01 Nov 2021 17:15

Instrument :  
 BNA\_P  
 ClientSampleId :  
 T3-EP01-SE

Tgt Ion:264 Resp: 1252114  
 Ion Ratio Lower Upper  
 264 100  
 260 23.5 19.1 28.7  
 265 21.4 16.7 25.1

