

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP062321\  
 Data File : BP006038.D  
 Acq On : 23 Jun 2021 17:01  
 Operator : CG/JU  
 Sample : M2789-21  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 1ST-FLOOR

Quant Time: Jun 24 01:16:54 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP060821.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Jun 22 17:52:38 2021  
 Response via : Initial Calibration

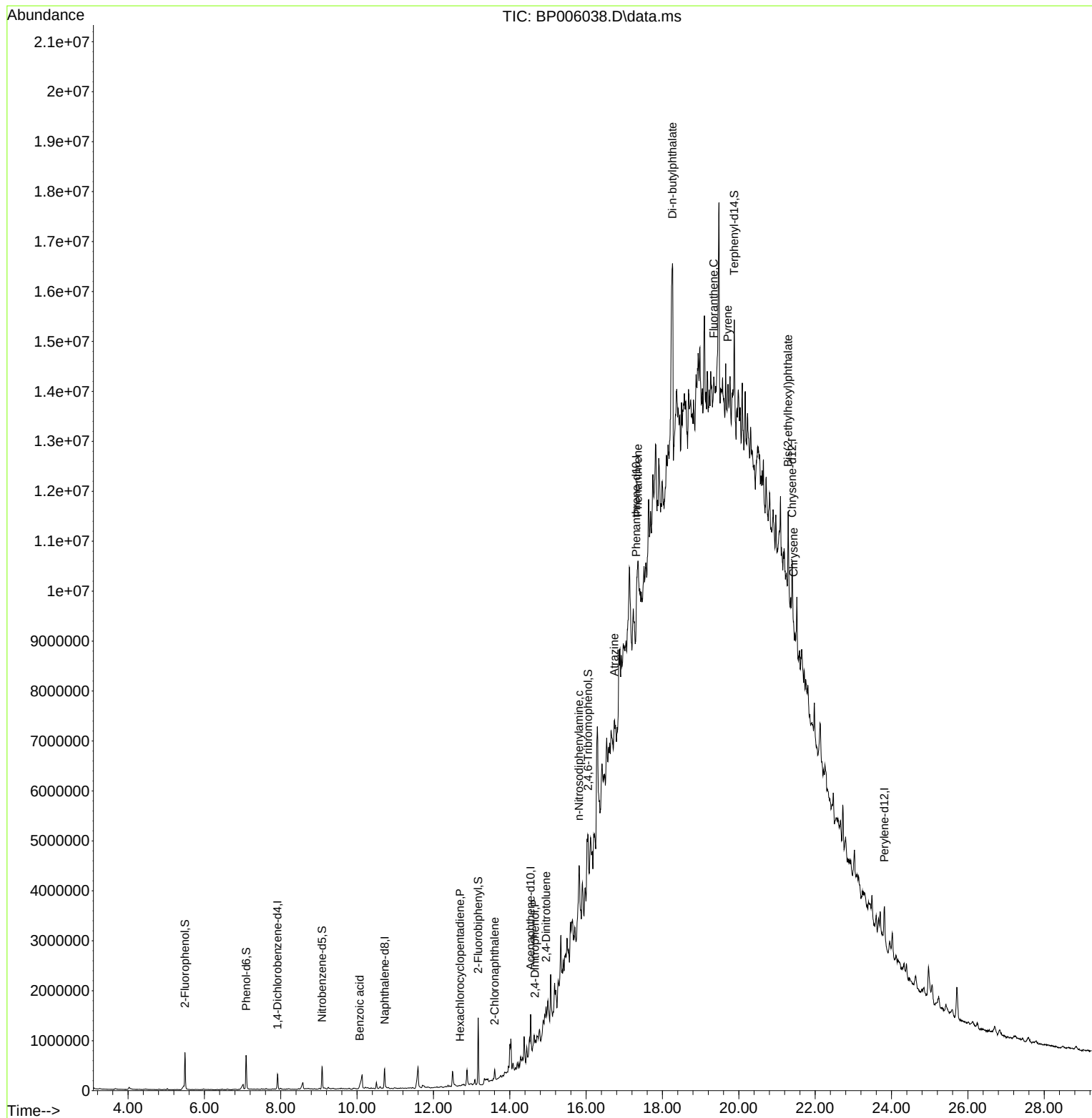
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min)  |
|-------------------------------|--------|------|----------|-------|-------|-----------|
| Internal Standards            |        |      |          |       |       |           |
| 1) 1,4-Dichlorobenzene-d4     | 7.916  | 152  | 84565    | 20.00 | ng    | 0.00      |
| 21) Naphthalene-d8            | 10.722 | 136  | 326436   | 20.00 | ng    | 0.00      |
| 39) Acenaphthene-d10          | 14.546 | 164  | 201305   | 20.00 | ng    | 0.00      |
| 64) Phenanthrene-d10          | 17.316 | 188  | 354645   | 20.00 | ng    | # 0.02    |
| 76) Chrysene-d12              | 21.398 | 240  | 441369   | 20.00 | ng    | # 0.03    |
| 86) Perylene-d12              | 23.810 | 264  | 496102   | 20.00 | ng    | 0.04      |
| System Monitoring Compounds   |        |      |          |       |       |           |
| 5) 2-Fluorophenol             | 5.493  | 112  | 344732   | 65.41 | ng    | 0.00      |
| 7) Phenol-d6                  | 7.093  | 99   | 424602   | 62.16 | ng    | 0.00      |
| 23) Nitrobenzene-d5           | 9.081  | 82   | 275005   | 41.30 | ng    | 0.00      |
| 42) 2,4,6-Tribromophenol      | 16.051 | 330  | 240896   | 69.73 | ng    | 0.01      |
| 45) 2-Fluorobiphenyl          | 13.175 | 172  | 685987   | 44.75 | ng    | 0.00      |
| 79) Terphenyl-d14             | 19.881 | 244  | 1052157  | 44.64 | ng    | 0.04      |
| Target Compounds              |        |      |          |       |       |           |
| 32) Benzoic acid              | 10.069 | 122  | 22958    | 11.73 | ng    | Qvalue 97 |
| 41) Hexachlorocyclopentadiene | 12.699 | 237  | 16       | 5.51  | ng    | 88        |
| 47) 2-Chloronaphthalene       | 13.604 | 162  | 35272    | 2.66  | ng    | # 47      |
| 54) 2,4-Dinitrophenol         | 14.657 | 184  | 715      | 5.15  | ng    | # 1       |
| 57) 2,4-Dinitrotoluene        | 14.951 | 165  | 11409    | 2.27  | ng    | # 69      |
| 66) n-Nitrosodiphenylamine    | 15.816 | 169  | 105285   | 8.95  | ng    | # 46      |
| 69) Atrazine                  | 16.740 | 200  | 9541     | 2.61  | ng    | # 1       |
| 71) Phenanthrene              | 17.357 | 178  | 761888   | 35.77 | ng    | # 83      |
| 74) Di-n-butylphthalate       | 18.263 | 149  | 54583    | 2.34  | ng    | # 15      |
| 75) Fluoranthene              | 19.339 | 202  | 132374   | 5.12  | ng    | # 12      |
| 78) Pyrene                    | 19.710 | 202  | 105429   | 3.42  | ng    | # 1       |
| 83) Chrysene                  | 21.433 | 228  | 84430    | 2.74  | ng    | # 32      |
| 84) Bis(2-ethylhexyl)phtha... | 21.292 | 149  | 597245   | 32.12 | ng    | # 88      |

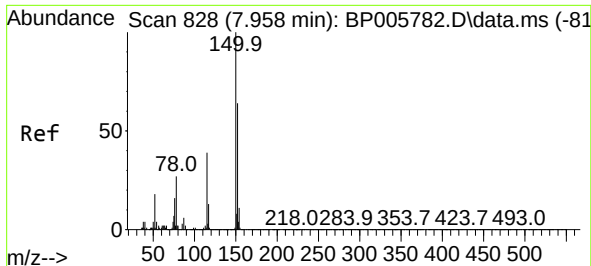
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP062321\  
Data File : BP006038.D  
Acq On : 23 Jun 2021 17:01  
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Sample : M2789-21  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
1ST-FLOOR

Quant Time: Jun 24 01:16:54 2021  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP060821.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue Jun 22 17:52:38 2021  
Response via : Initial Calibration

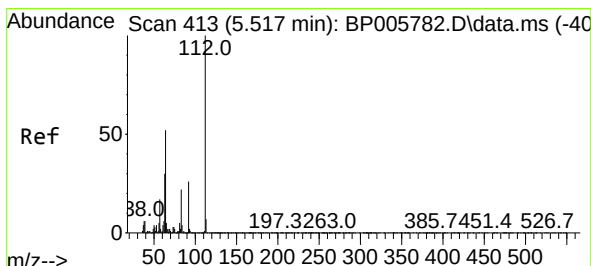
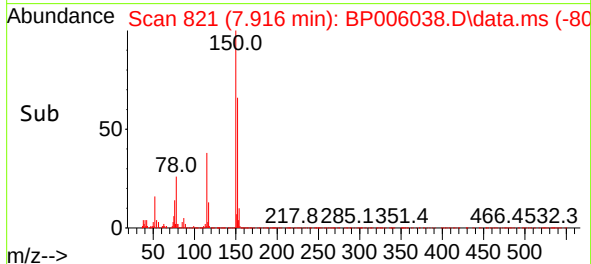
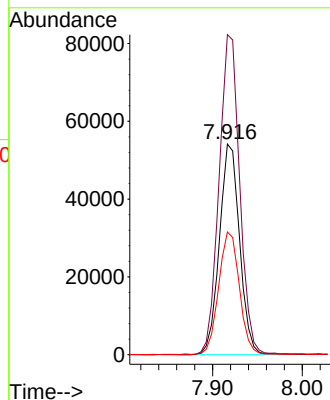
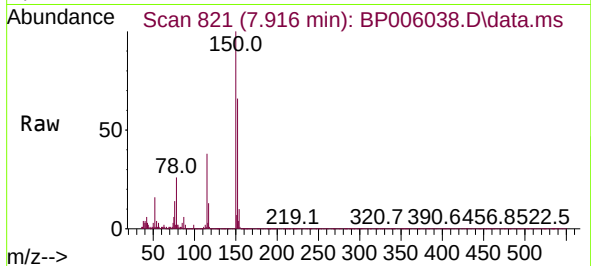




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 7.916 min Scan# 821  
Delta R.T. -0.006 min  
Lab File: BP006038.D  
Acq: 23 Jun 2021 17:01

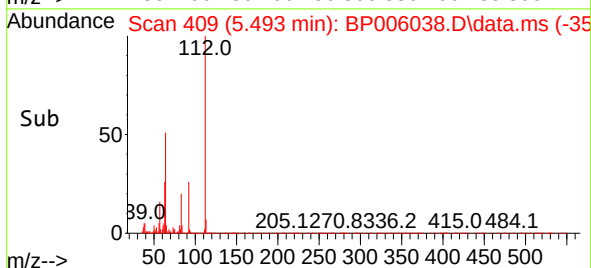
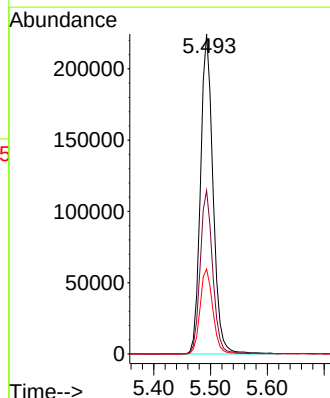
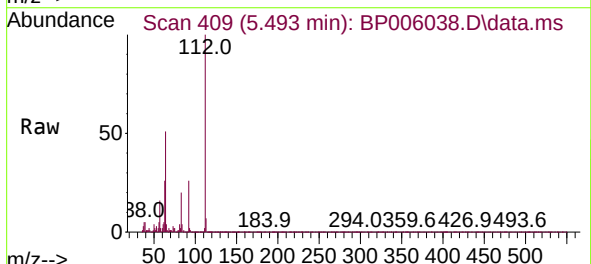
Instrument :  
BNA\_P  
ClientSampleId :  
1ST-FLOOR

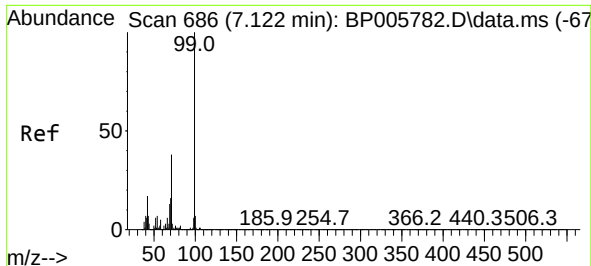
Tgt Ion:152 Resp: 84565  
Ion Ratio Lower Upper  
152 100  
150 151.9 125.6 188.4  
115 58.2 48.5 72.7



#5  
2-Fluorophenol  
Concen: 65.41 ng  
RT: 5.493 min Scan# 409  
Delta R.T. 0.006 min  
Lab File: BP006038.D  
Acq: 23 Jun 2021 17:01

Tgt Ion:112 Resp: 344732  
Ion Ratio Lower Upper  
112 100  
64 51.1 41.4 62.2  
63 26.5 23.8 35.8

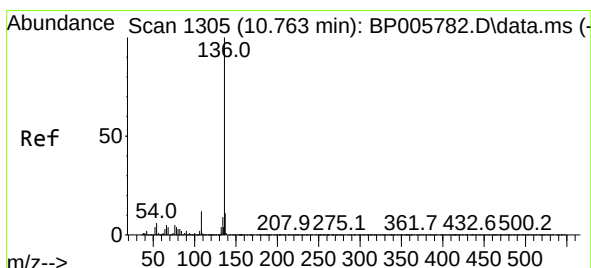
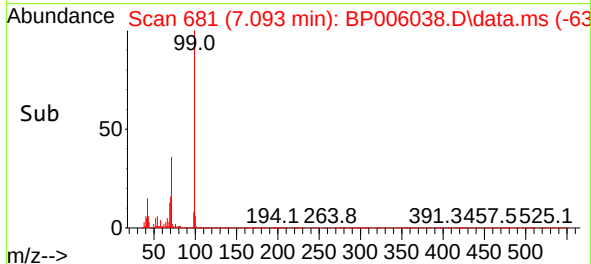
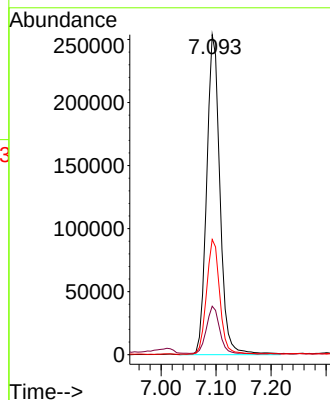
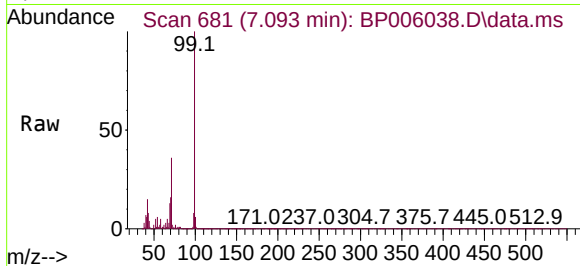




#7  
Phenol-d6  
Concen: 62.16 ng  
RT: 7.093 min Scan# 681  
Delta R.T. 0.000 min  
Lab File: BP006038.D  
Acq: 23 Jun 2021 17:01

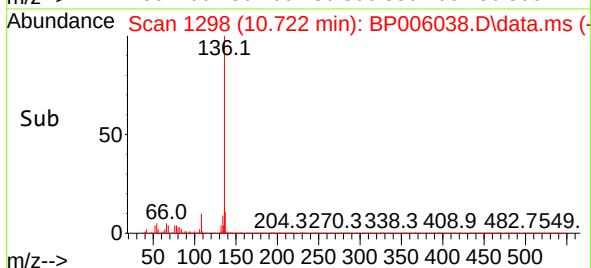
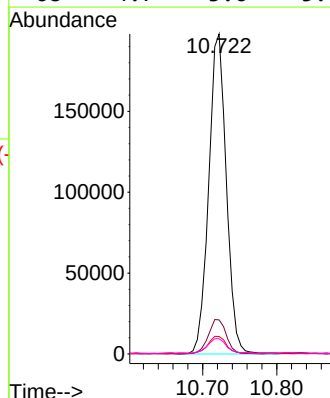
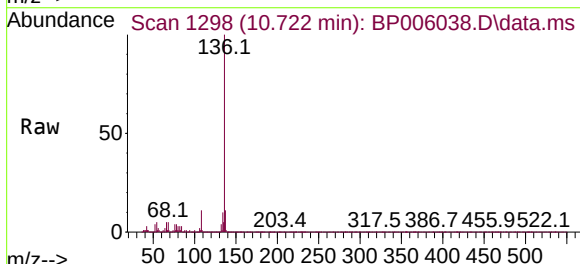
Instrument :  
BNA\_P  
ClientSampleId :  
1ST-FLOOR

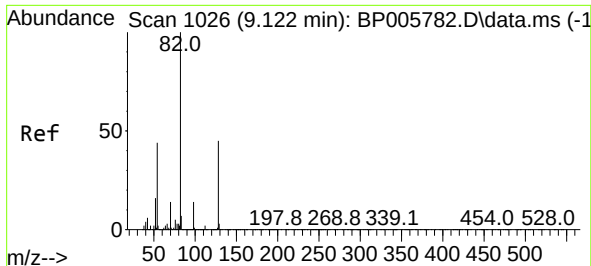
Tgt Ion: 99 Resp: 424602  
Ion Ratio Lower Upper  
99 100  
42 15.2 13.4 20.0  
71 36.0 30.6 46.0



#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 10.722 min Scan# 1298  
Delta R.T. 0.000 min  
Lab File: BP006038.D  
Acq: 23 Jun 2021 17:01

Tgt Ion: 136 Resp: 326436  
Ion Ratio Lower Upper  
136 100  
137 10.7 8.6 12.8  
54 5.4 4.6 6.8  
68 4.7 3.6 5.4

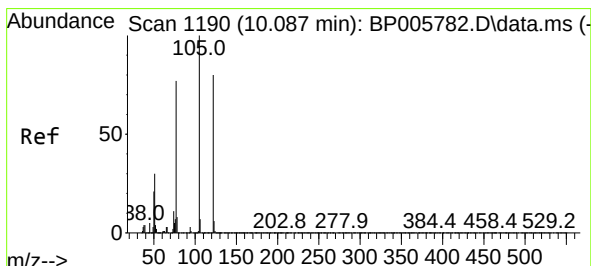
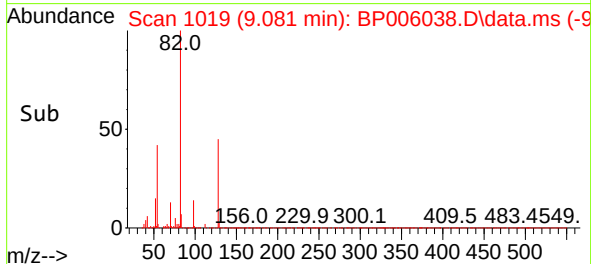
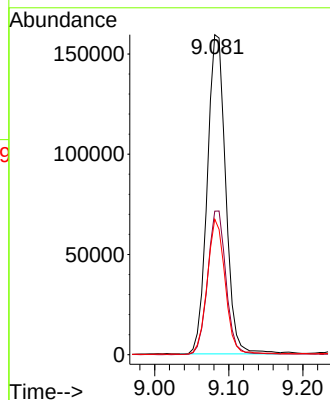
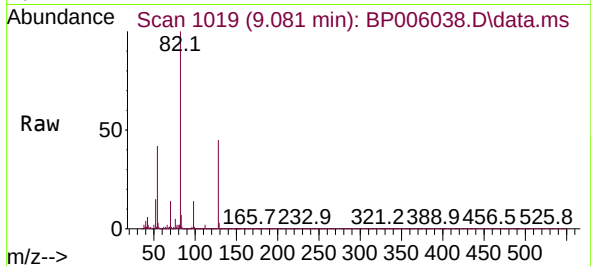




#23  
Nitrobenzene-d5  
Concen: 41.30 ng  
RT: 9.081 min Scan# 1019  
Delta R.T. -0.006 min  
Lab File: BP006038.D  
Acq: 23 Jun 2021 17:01

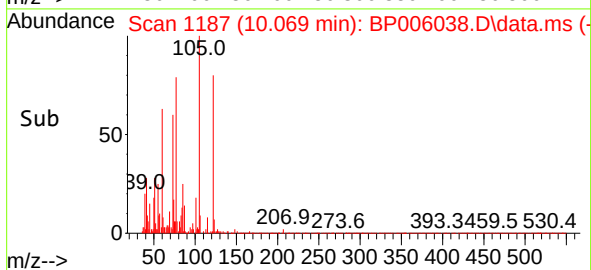
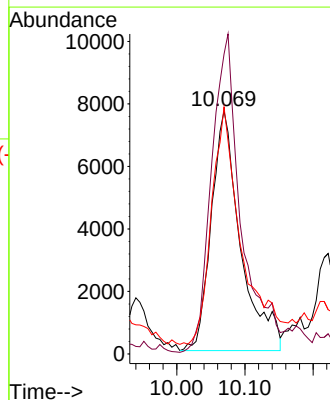
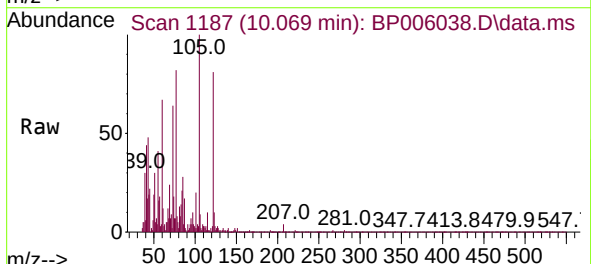
Instrument :  
BNA\_P  
ClientSampleId :  
1ST-FLOOR

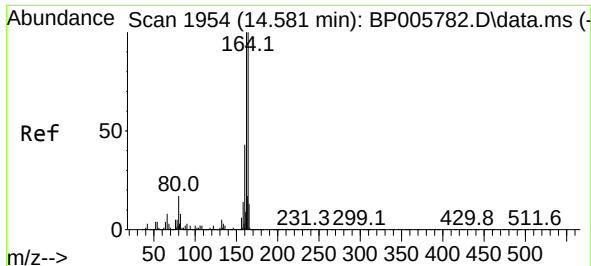
Tgt Ion: 82 Resp: 275005  
Ion Ratio Lower Upper  
82 100  
128 44.8 35.7 53.5  
54 42.4 35.0 52.4



#32  
Benzoic acid  
Concen: 11.73 ng  
RT: 10.069 min Scan# 1187  
Delta R.T. -0.006 min  
Lab File: BP006038.D  
Acq: 23 Jun 2021 17:01

Tgt Ion:122 Resp: 22958  
Ion Ratio Lower Upper  
122 100  
105 123.4 103.2 143.2  
77 101.6 76.2 116.2

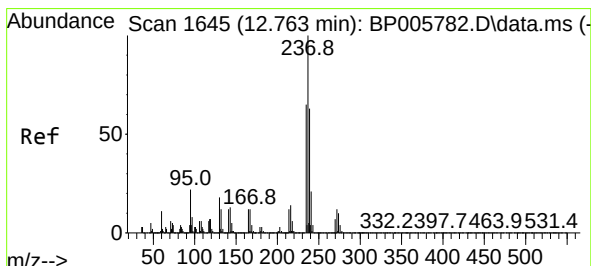
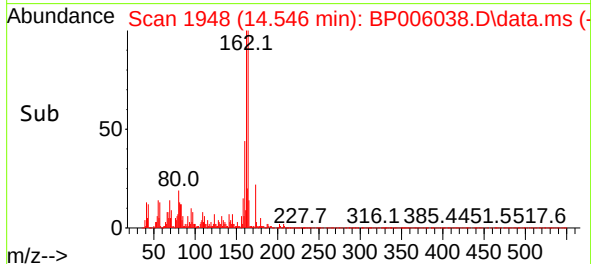
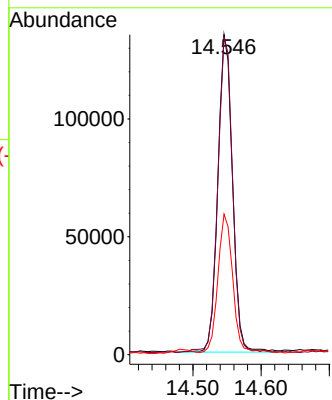
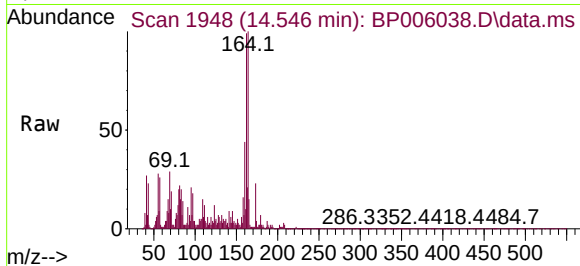




#39  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 14.546 min Scan# 1948  
Delta R.T. -0.006 min  
Lab File: BP006038.D  
Acq: 23 Jun 2021 17:01

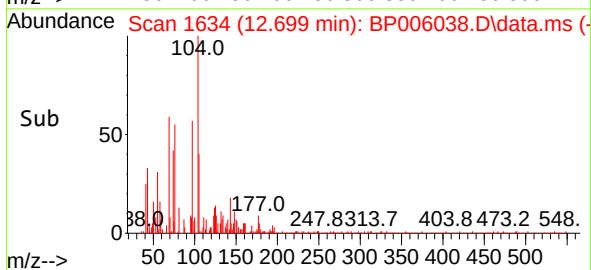
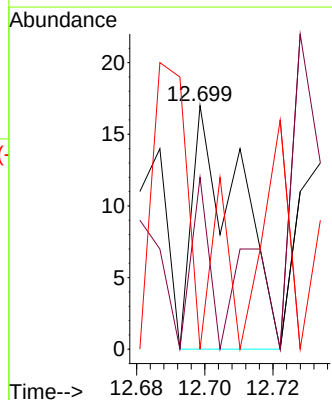
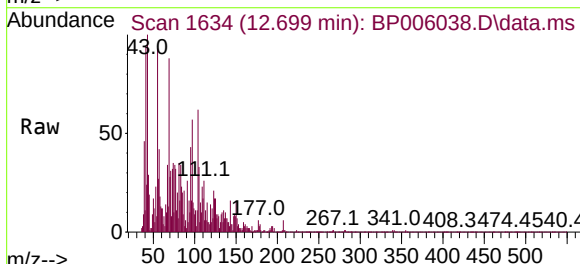
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BNA\_P  
ClientSampleId :  
1ST-FLOOR

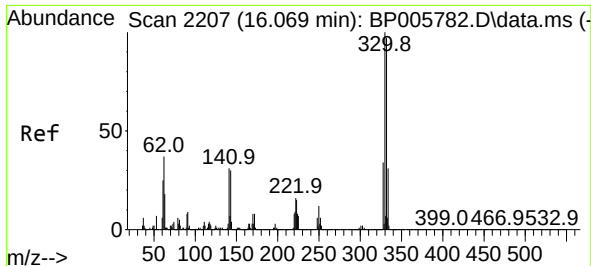
Tgt Ion:164 Resp: 201305  
Ion Ratio Lower Upper  
164 100  
162 99.3 80.2 120.2  
160 43.9 34.5 51.7



#41  
Hexachlorocyclopentadiene  
Concen: 5.51 ng  
RT: 12.699 min Scan# 1634  
Delta R.T. -0.029 min  
Lab File: BP006038.D  
Acq: 23 Jun 2021 17:01

Tgt Ion:237 Resp: 16  
Ion Ratio Lower Upper  
237 100  
235 70.6 44.5 84.5  
272 0.0 0.0 32.5

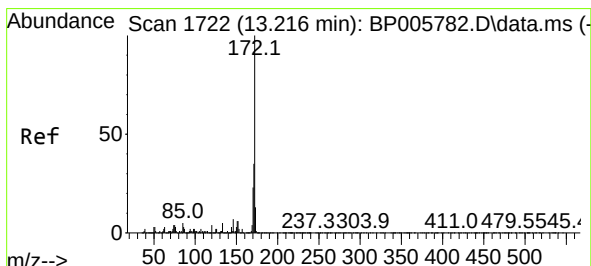
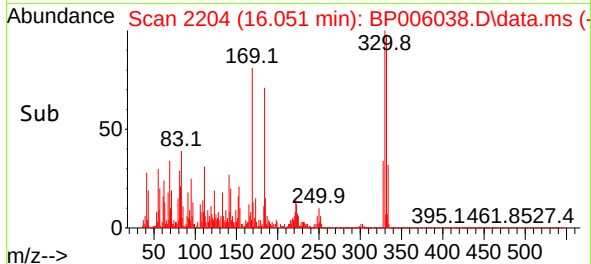
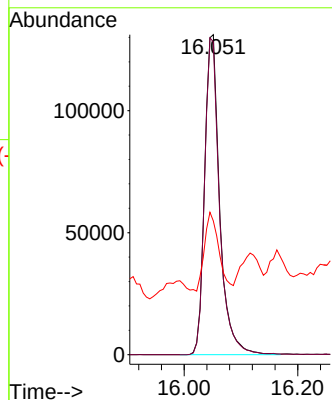
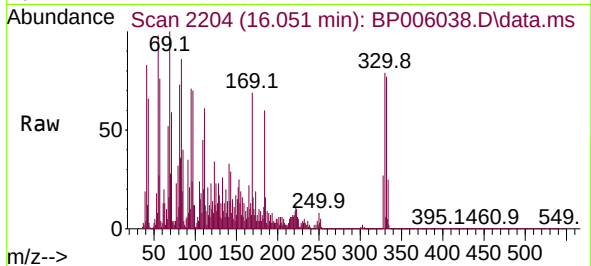




#42  
2,4,6-Tribromophenol  
Concen: 69.73 ng  
RT: 16.051 min Scan# 2204  
Delta R.T. 0.012 min  
Lab File: BP006038.D  
Acq: 23 Jun 2021 17:01

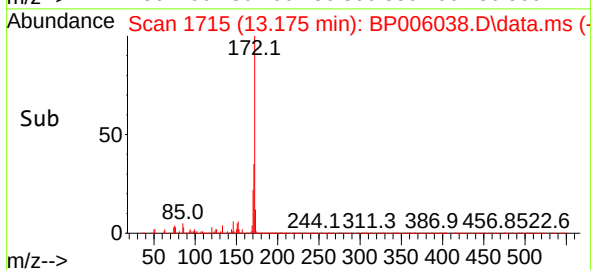
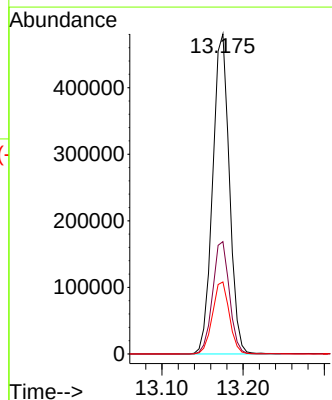
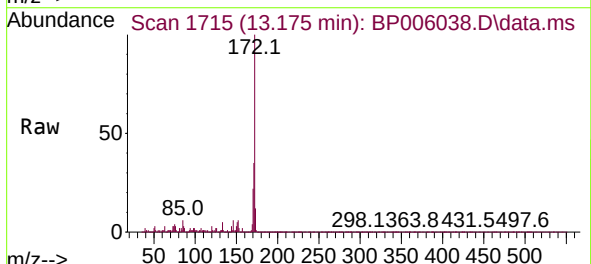
Instrument :  
BNA\_P  
ClientSampled :  
1ST-FLOOR

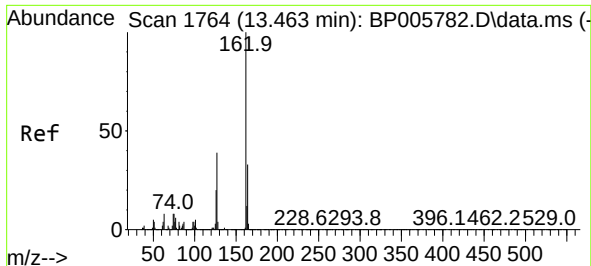
Tgt Ion:330 Resp: 240896  
Ion Ratio Lower Upper  
330 100  
332 98.3 77.8 116.8  
141 23.5 25.4 38.2#



#45  
2-Fluorobiphenyl  
Concen: 44.75 ng  
RT: 13.175 min Scan# 1715  
Delta R.T. 0.000 min  
Lab File: BP006038.D  
Acq: 23 Jun 2021 17:01

Tgt Ion:172 Resp: 685987  
Ion Ratio Lower Upper  
172 100  
171 35.1 27.9 41.9  
170 22.5 18.6 27.8

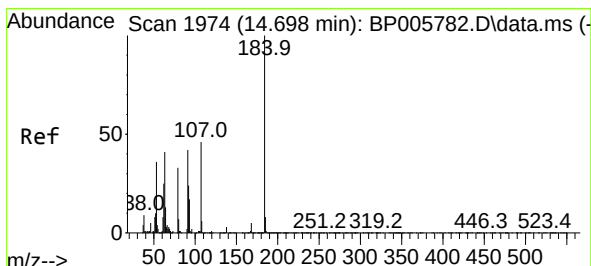
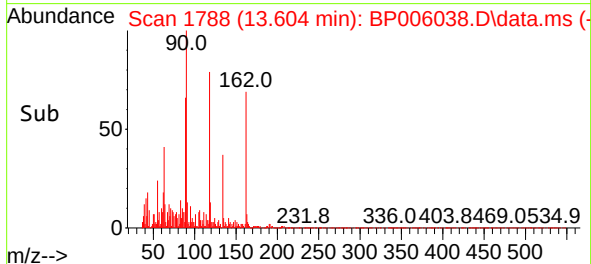
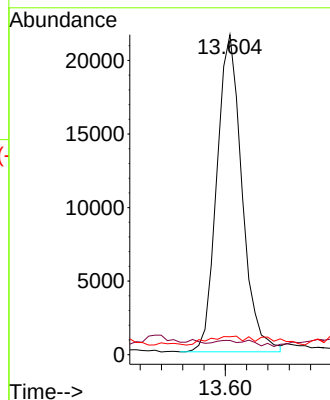
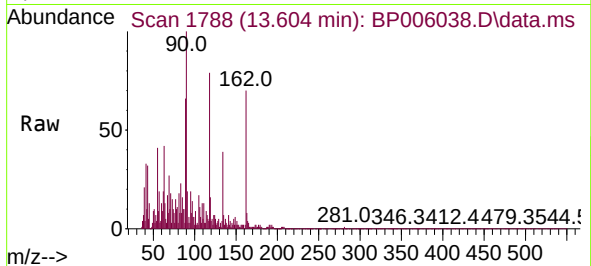




#47  
2-Chloronaphthalene  
Concen: 2.66 ng  
RT: 13.604 min Scan# 1788  
Delta R.T. 0.176 min  
Lab File: BP006038.D  
Acq: 23 Jun 2021 17:01

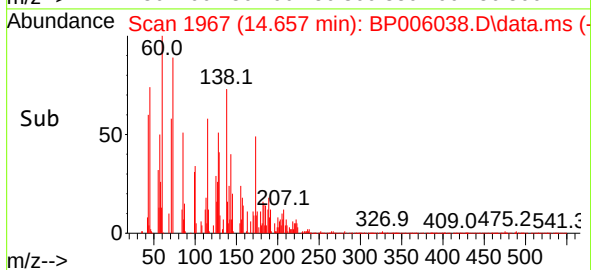
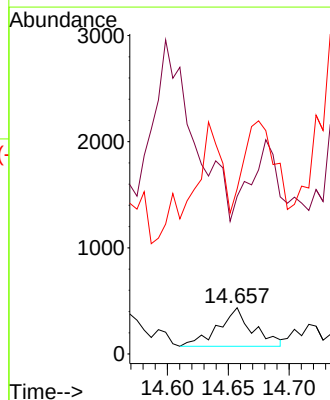
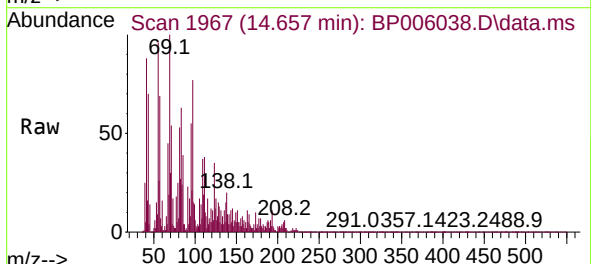
Instrument :  
BNA\_P  
ClientSampled :  
1ST-FLOOR

Tgt Ion:162 Resp: 35272  
Ion Ratio Lower Upper  
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127 4.5 31.4 47.0#  
164 5.6 26.6 39.8#

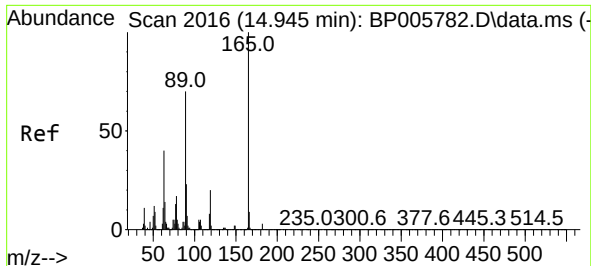


#54  
2,4-Dinitrophenol  
Concen: 5.15 ng  
RT: 14.657 min Scan# 1967  
Delta R.T. -0.018 min  
Lab File: BP006038.D  
Acq: 23 Jun 2021 17:01

Tgt Ion:184 Resp: 715  
Ion Ratio Lower Upper  
184 100  
63 340.6 47.0 70.6#  
154 356.9 52.3 78.5#



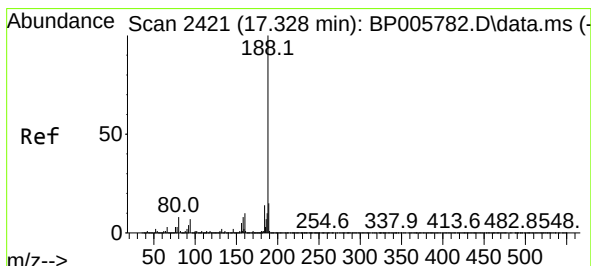
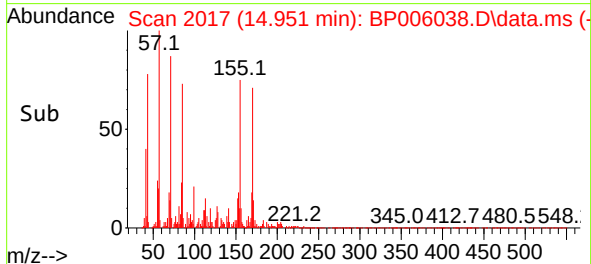
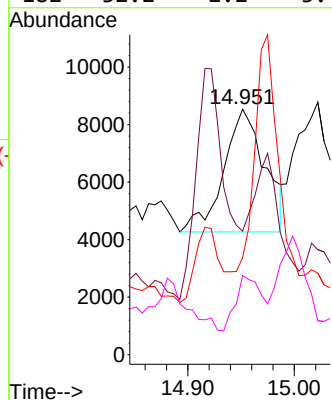
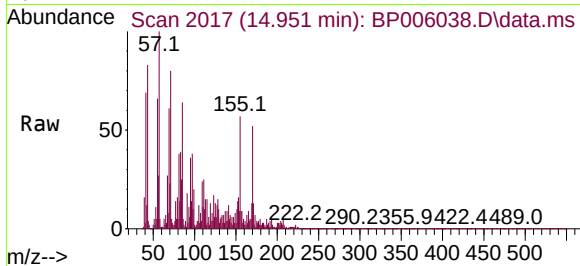




#57  
2,4-Dinitrotoluene  
Concen: 2.27 ng  
RT: 14.951 min Scan# 2017  
Delta R.T. 0.029 min  
Lab File: BP006038.D  
Acq: 23 Jun 2021 17:01

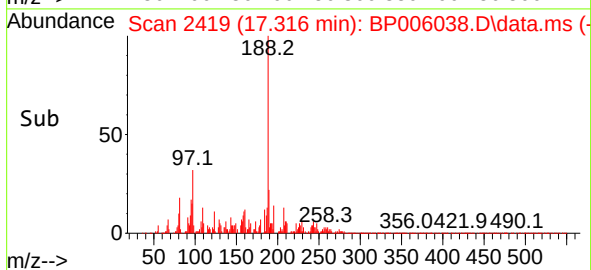
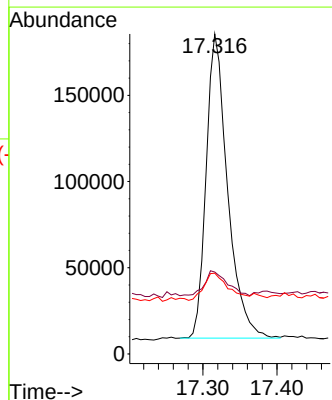
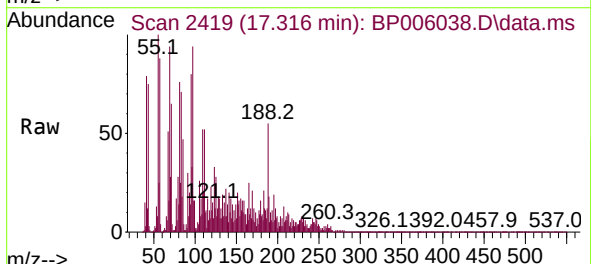
Instrument :  
BNA\_P  
ClientSampleId :  
1ST-FLOOR

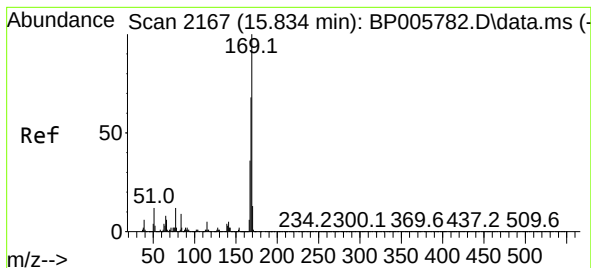
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 165   | Resp: | 11409 |
| Ion Ratio | Lower | Upper |       |
| 165       | 100   |       |       |
| 63        | 50.3  | 32.3  | 48.5# |
| 89        | 39.5  | 55.9  | 83.9# |
| 182       | 32.2  | 2.2   | 3.4#  |



#64  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 17.316 min Scan# 2419  
Delta R.T. 0.024 min  
Lab File: BP006038.D  
Acq: 23 Jun 2021 17:01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 188   | Resp: | 354645 |
| Ion Ratio | Lower | Upper |        |
| 188       | 100   |       |        |
| 94        | 25.6  | 5.6   | 8.4#   |
| 80        | 25.3  | 6.3   | 9.5#   |

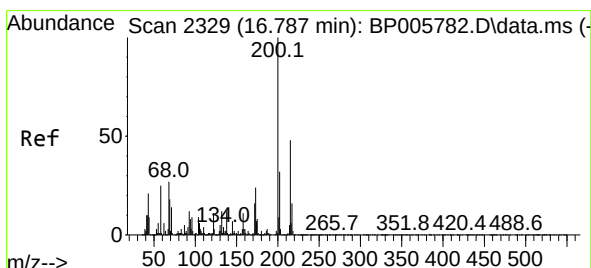
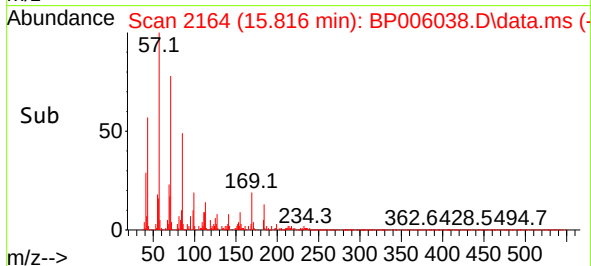
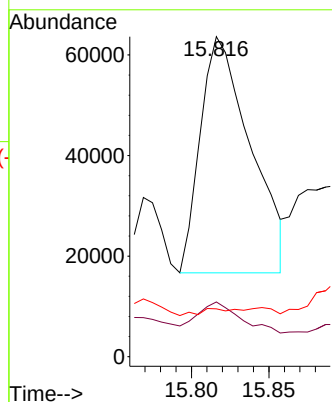
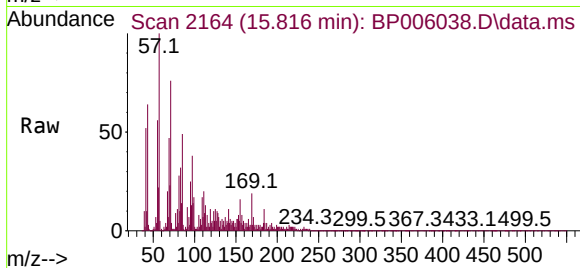




#66  
n-Nitrosodiphenylamine  
Concen: 8.95 ng  
RT: 15.816 min Scan# 2164  
Delta R.T. 0.012 min  
Lab File: BP006038.D  
Acq: 23 Jun 2021 17:01

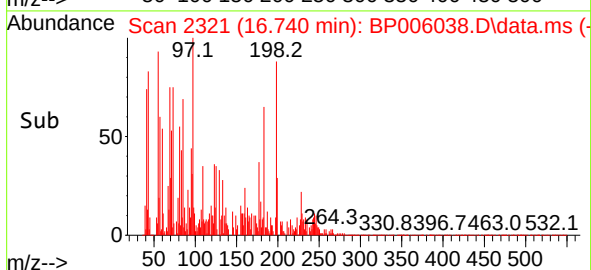
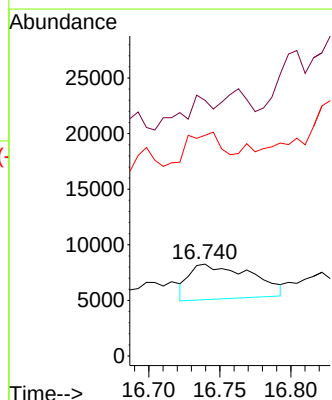
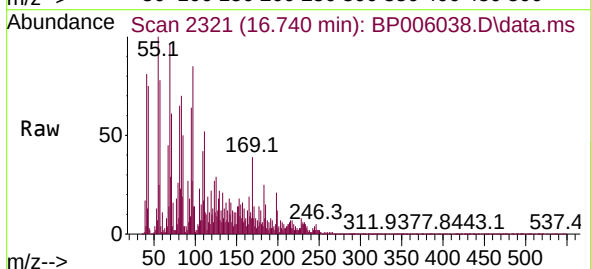
Instrument :  
BNA\_P  
ClientSampled :  
1ST-FLOOR

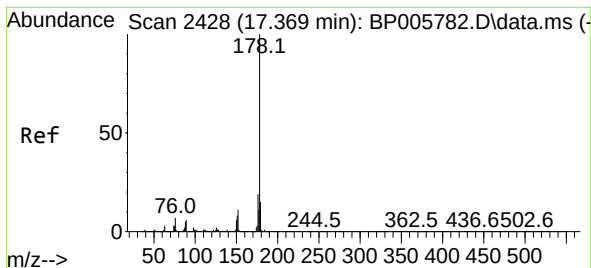
Tgt Ion:169 Resp: 105285  
Ion Ratio Lower Upper  
169 100  
168 17.1 54.4 81.6#  
167 15.0 29.0 43.6#



#69  
Atrazine  
Concen: 2.61 ng  
RT: 16.740 min Scan# 2321  
Delta R.T. -0.018 min  
Lab File: BP006038.D  
Acq: 23 Jun 2021 17:01

Tgt Ion:200 Resp: 9541  
Ion Ratio Lower Upper  
200 100  
173 278.5 4.1 44.1#  
215 240.3 27.7 67.7#

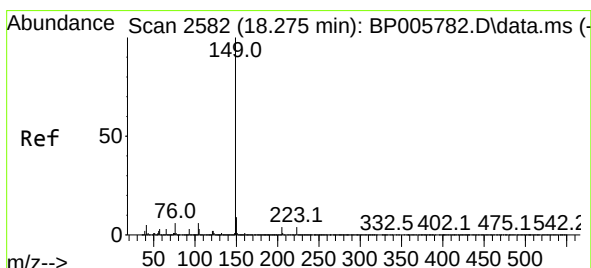
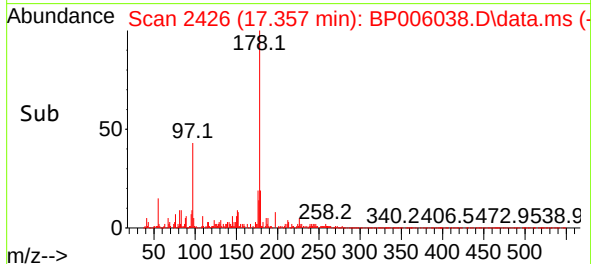
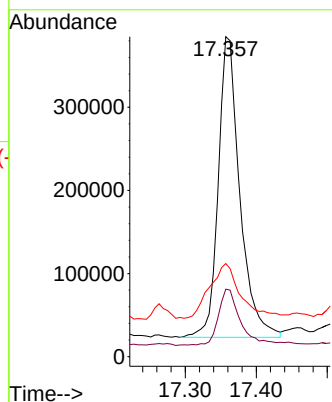
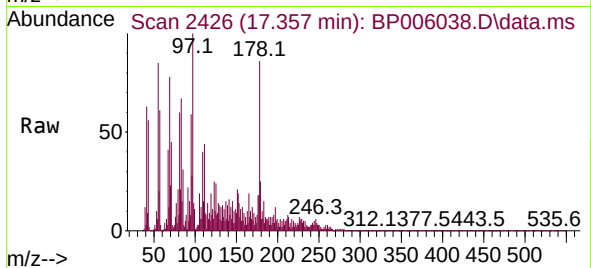




#71  
Phenanthrene  
Concen: 35.77 ng  
RT: 17.357 min Scan# 2426  
Delta R.T. 0.018 min  
Lab File: BP006038.D  
Acq: 23 Jun 2021 17:01

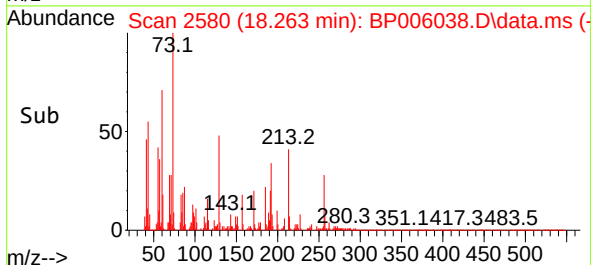
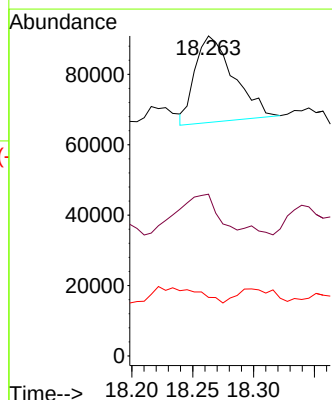
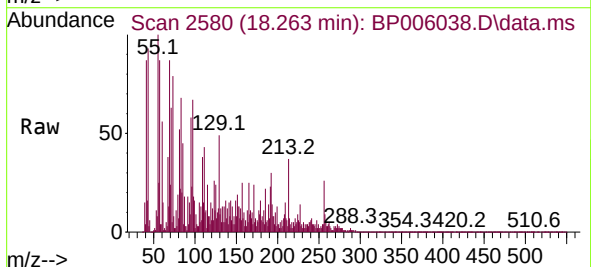
Instrument :  
BNA\_P  
ClientSampled :  
1ST-FLOOR

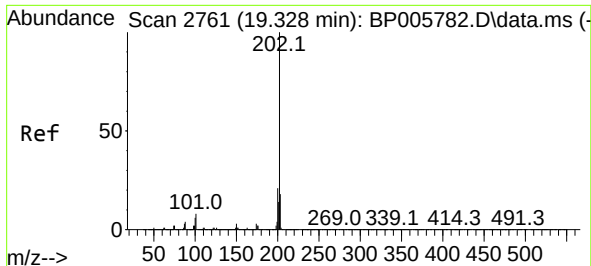
Tgt Ion:178 Resp: 761888  
Ion Ratio Lower Upper  
178 100  
176 21.1 15.1 22.7  
179 29.1 12.4 18.6#



#74  
Di-n-butylphthalate  
Concen: 2.34 ng  
RT: 18.263 min Scan# 2580  
Delta R.T. 0.018 min  
Lab File: BP006038.D  
Acq: 23 Jun 2021 17:01

Tgt Ion:149 Resp: 54583  
Ion Ratio Lower Upper  
149 100  
150 50.5 7.3 10.9#  
104 18.3 4.5 6.7#

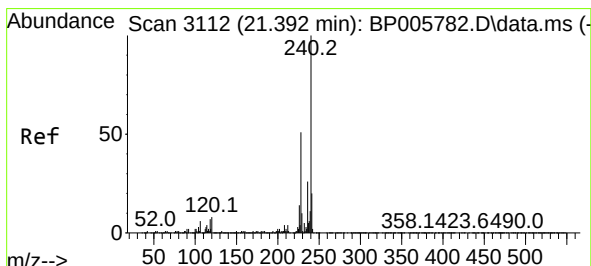
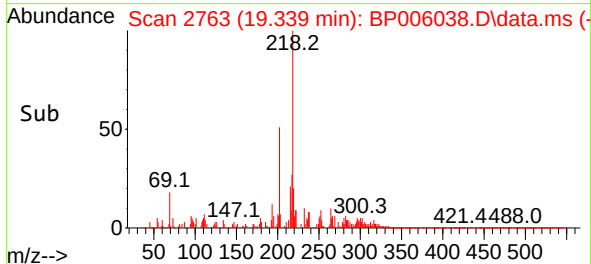
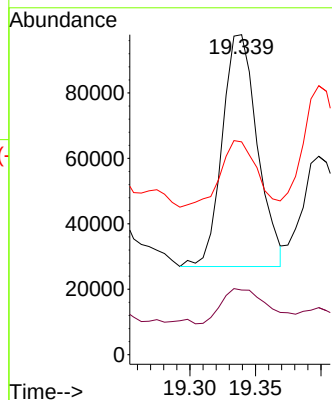
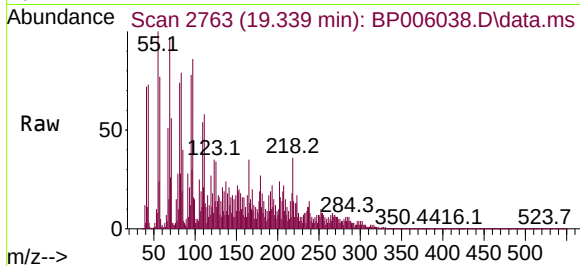




#75  
Fluoranthene  
Concen: 5.12 ng  
RT: 19.339 min Scan# 2763  
Delta R.T. 0.041 min  
Lab File: BP006038.D  
Acq: 23 Jun 2021 17:01

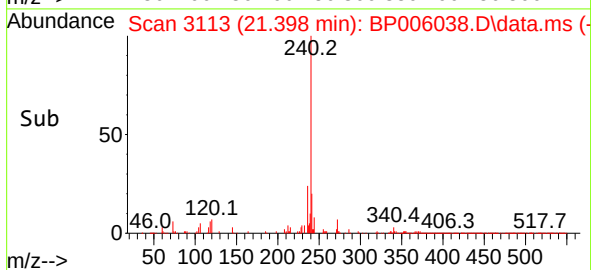
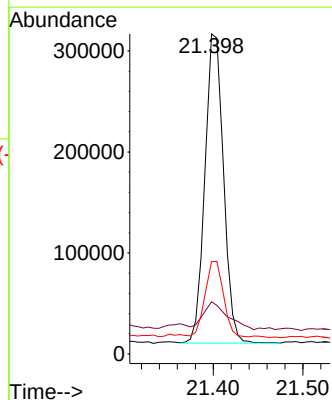
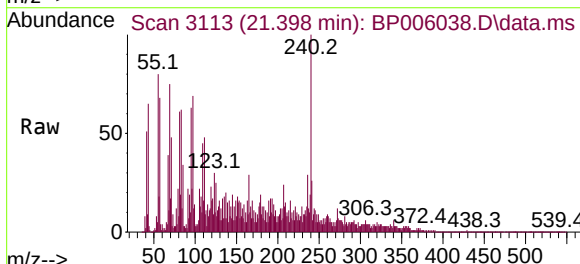
Instrument :  
BNA\_P  
ClientSampled :  
1ST-FLOOR

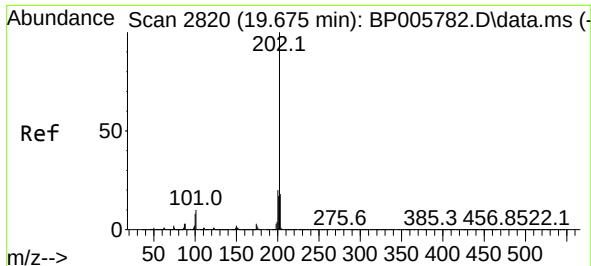
Tgt Ion:202 Resp: 132374  
Ion Ratio Lower Upper  
202 100  
101 20.2 0.0 27.6  
203 66.5 0.0 37.8#



#76  
Chrysene-d12  
Concen: 20.00 ng  
RT: 21.398 min Scan# 3113  
Delta R.T. 0.029 min  
Lab File: BP006038.D  
Acq: 23 Jun 2021 17:01

Tgt Ion:240 Resp: 441369  
Ion Ratio Lower Upper  
240 100  
120 16.3 6.5 9.7#  
236 28.8 20.6 31.0

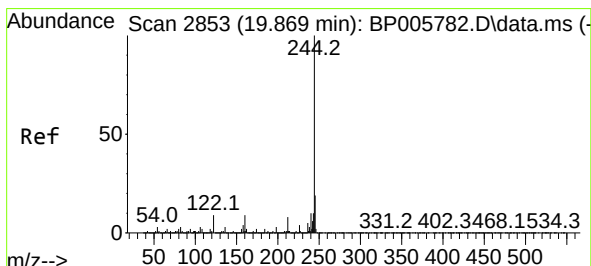
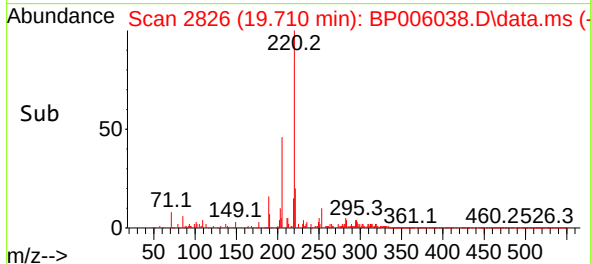
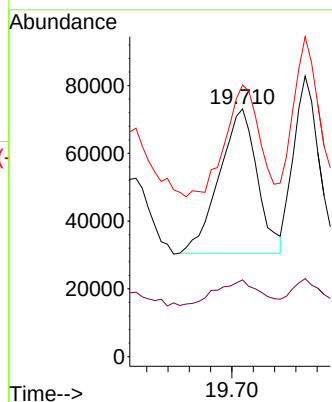
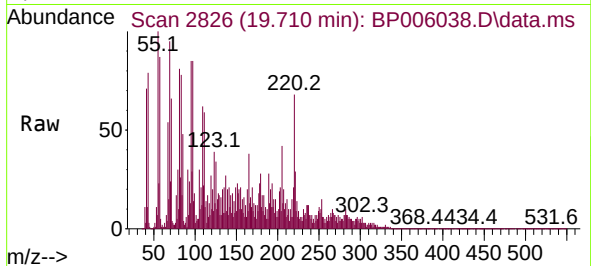




#78  
Pyrene  
Concen: 3.42 ng  
RT: 19.710 min Scan# 2826  
Delta R.T. 0.059 min  
Lab File: BP006038.D  
Acq: 23 Jun 2021 17:01

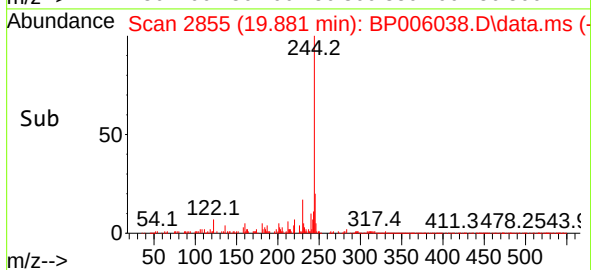
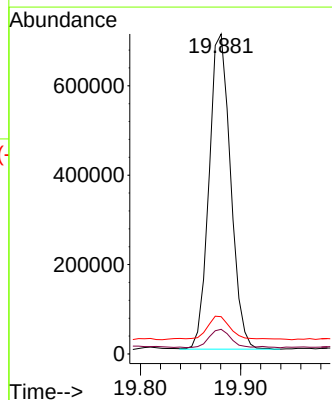
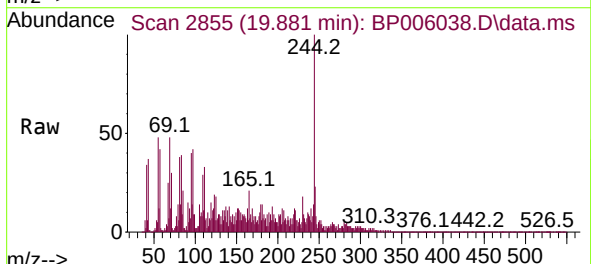
Instrument :  
BNA\_P  
ClientSampled :  
1ST-FLOOR

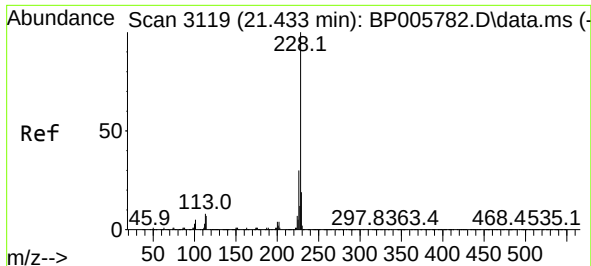
Tgt Ion:202 Resp: 105429  
Ion Ratio Lower Upper  
202 100  
200 31.0 16.3 24.5#  
203 109.6 14.2 21.2#



#79  
Terphenyl-d14  
Concen: 44.64 ng  
RT: 19.881 min Scan# 2855  
Delta R.T. 0.035 min  
Lab File: BP006038.D  
Acq: 23 Jun 2021 17:01

Tgt Ion:244 Resp: 1052157  
Ion Ratio Lower Upper  
244 100  
212 7.7 6.0 9.0  
122 11.6 7.1 10.7#

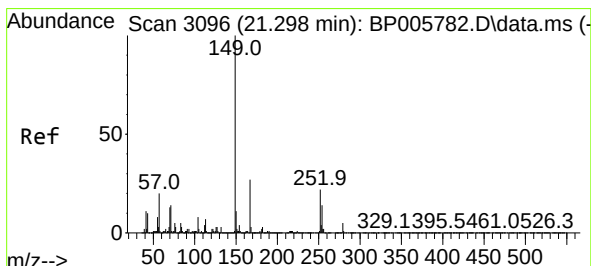
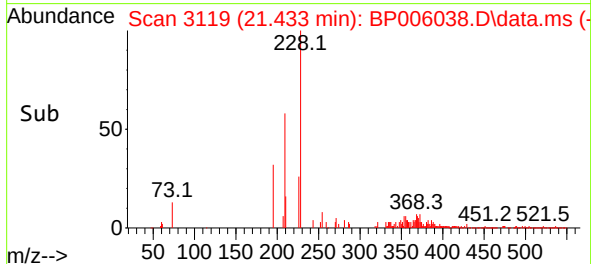
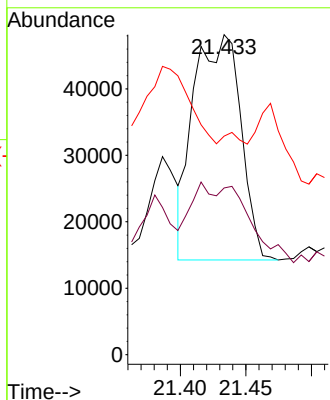
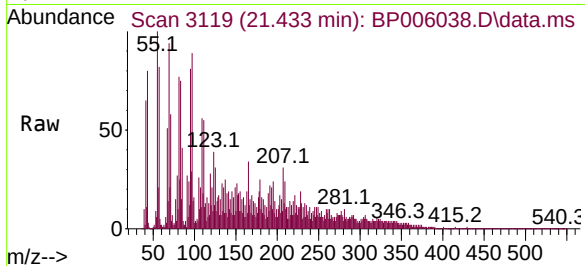




#83  
Chrysene  
Concen: 2.74 ng  
RT: 21.433 min Scan# 3119  
Delta R.T. 0.029 min  
Lab File: BP006038.D  
Acq: 23 Jun 2021 17:01

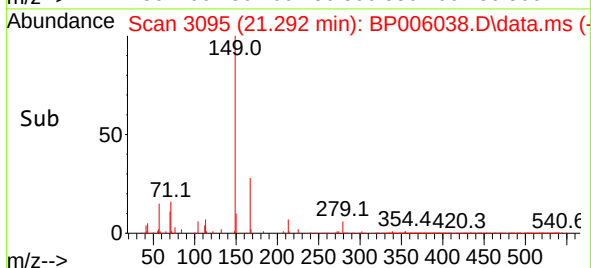
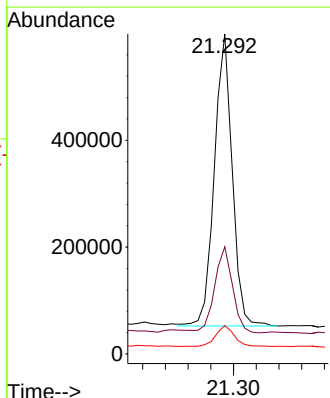
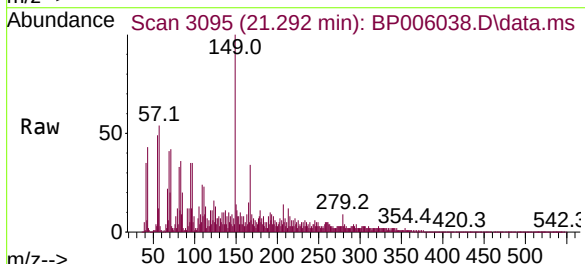
Instrument :  
BNA\_P  
ClientSampled :  
1ST-FLOOR

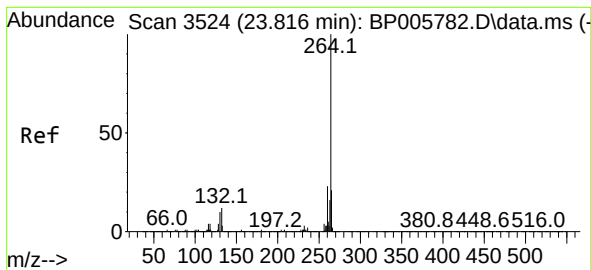
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 228   | Resp: | 84430 |
| Ion Ratio | Lower | Upper |       |
| 228       | 100   |       |       |
| 226       | 52.1  | 23.8  | 35.6# |
| 229       | 68.3  | 15.4  | 23.2# |



#84  
Bis(2-ethylhexyl)phthalate  
Concen: 32.12 ng  
RT: 21.292 min Scan# 3095  
Delta R.T. 0.018 min  
Lab File: BP006038.D  
Acq: 23 Jun 2021 17:01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 149   | Resp: | 597245 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 167       | 33.5  | 21.9  | 32.9#  |
| 279       | 8.9   | 4.3   | 6.5#   |





#86  
 Perylene-d12  
 Concen: 20.00 ng  
 RT: 23.810 min Scan# 3523  
 Delta R.T. 0.035 min  
 Lab File: BP006038.D  
 Acq: 23 Jun 2021 17:01

Instrument :  
 BNA\_P  
 ClientSampleId :  
 1ST-FLOOR

Tgt Ion:264 Resp: 496102  
 Ion Ratio Lower Upper  
 264 100  
 260 25.8 18.6 28.0  
 265 25.3 17.6 26.4

