

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN080421\  
 Data File : BN015810.D  
 Acq On : 05 Aug 2021 03:00  
 Operator : CG/JU  
 Sample : M1458-07  
 Misc : LOD-MDL-WATER 0.2ng  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 LOD-MDL-WATER-01-QT1-2021

Quant Time: Aug 05 04:06:48 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN080221.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Aug 05 03:12:25 2021  
 Response via : Initial Calibration

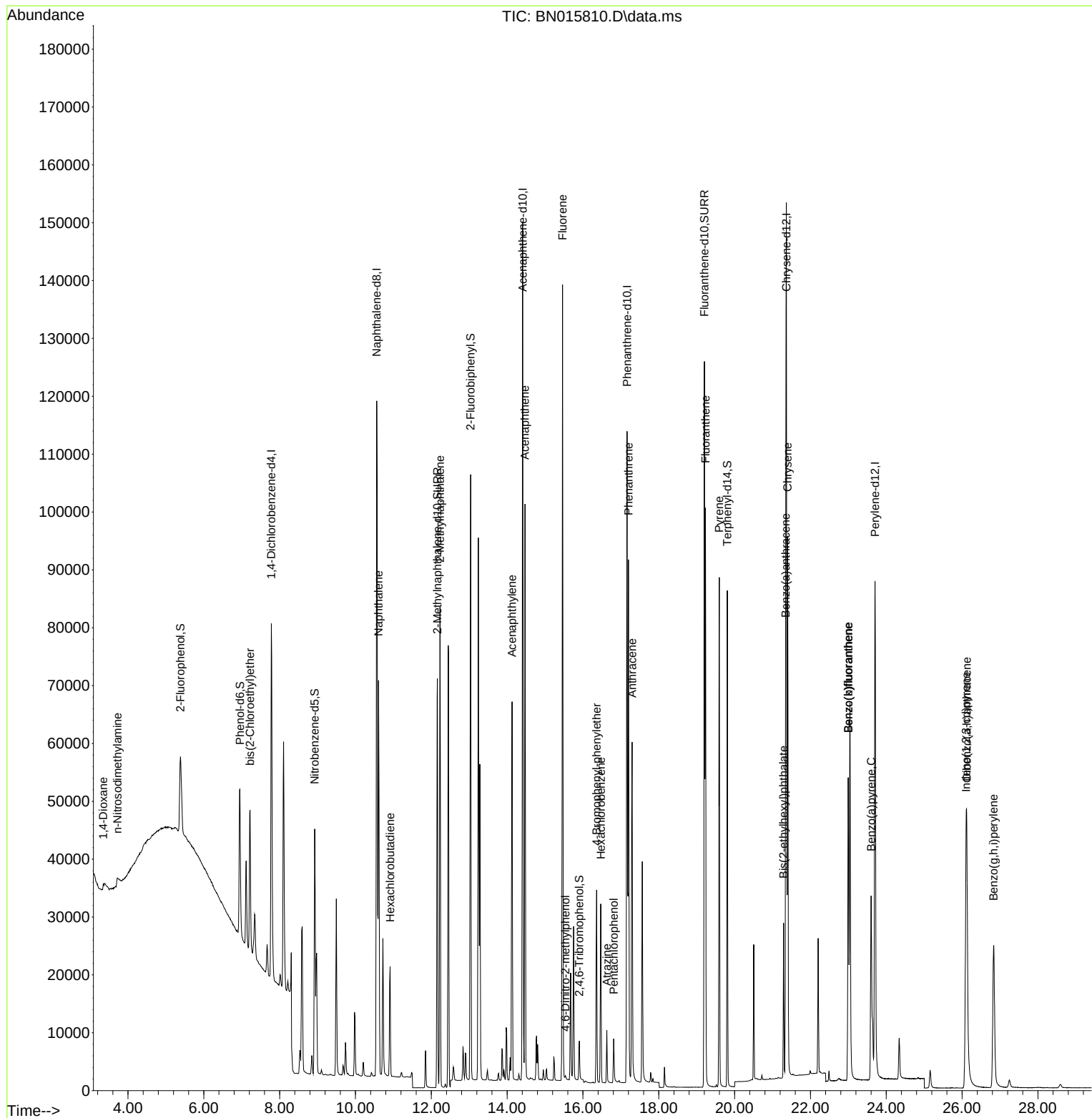
| Compound                      | R.T.   | QIon | Response | Conc | Units | Dev(Min) |
|-------------------------------|--------|------|----------|------|-------|----------|
| -----                         |        |      |          |      |       |          |
| Internal Standards            |        |      |          |      |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.781  | 152  | 37669    | 0.40 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.559 | 136  | 167229   | 0.40 | ng    | #-0.01   |
| 13) Acenaphthene-d10          | 14.408 | 164  | 80794    | 0.40 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.164 | 188  | 147435   | 0.40 | ng    | 0.00     |
| 29) Chrysene-d12              | 21.366 | 240  | 125040   | 0.40 | ng    | # 0.00   |
| 35) Perylene-d12              | 23.704 | 264  | 118685   | 0.40 | ng    | -0.01    |
| System Monitoring Compounds   |        |      |          |      |       |          |
| 4) 2-Fluorophenol             | 5.383  | 112  | 23782    | 0.26 | ng    | 0.00     |
| 5) Phenol-d6                  | 6.951  | 99   | 31704    | 0.28 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 8.924  | 82   | 36392    | 0.34 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 12.159 | 152  | 93035    | 0.37 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.906 | 330  | 6120     | 0.21 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 13.038 | 172  | 88327    | 0.27 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.202 | 212  | 134551   | 0.35 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.808 | 244  | 80820    | 0.26 | ng    | 0.00     |
| Target Compounds              |        |      |          |      |       |          |
|                               |        |      |          |      |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.346  | 88   | 802      | 0.07 | ng    | # 20     |
| 3) n-Nitrosodimethylamine     | 3.724  | 42   | 2009     | 0.08 | ng    | # 83     |
| 6) bis(2-Chloroethyl)ether    | 7.218  | 93   | 23399    | 0.23 | ng    | 95       |
| 9) Naphthalene                | 10.610 | 128  | 89420    | 0.20 | ng    | 100      |
| 10) Hexachlorobutadiene       | 10.914 | 225  | 16373    | 0.21 | ng    | # 100    |
| 12) 2-Methylnaphthalene       | 12.230 | 142  | 57019    | 0.20 | ng    | 99       |
| 16) Acenaphthylene            | 14.129 | 152  | 69486    | 0.21 | ng    | 100      |
| 17) Acenaphthene              | 14.472 | 154  | 45769    | 0.20 | ng    | 96       |
| 18) Fluorene                  | 15.462 | 166  | 53001    | 0.19 | ng    | 99       |
| 20) 4,6-Dinitro-2-methylph... | 15.538 | 198  | 418      | 0.05 | ng    | # 48     |
| 21) 4-Bromophenyl-phenylether | 16.361 | 248  | 17095    | 0.20 | ng    | # 85     |
| 22) Hexachlorobenzene         | 16.470 | 284  | 23567    | 0.24 | ng    | 98       |
| 23) Atrazine                  | 16.628 | 200  | 7069     | 0.13 | ng    | 94       |
| 24) Pentachlorophenol         | 16.811 | 266  | 4027     | 0.13 | ng    | 99       |
| 25) Phenanthrene              | 17.200 | 178  | 88087    | 0.20 | ng    | 100      |
| 26) Anthracene                | 17.298 | 178  | 68061    | 0.18 | ng    | 100      |
| 28) Fluoranthene              | 19.232 | 202  | 88577    | 0.19 | ng    | 99       |
| 30) Pyrene                    | 19.594 | 202  | 77996    | 0.19 | ng    | 100      |
| 32) Benzo(a)anthracene        | 21.344 | 228  | 63438    | 0.17 | ng    | 98       |
| 33) Chrysene                  | 21.398 | 228  | 79109    | 0.19 | ng    | 98       |
| 34) Bis(2-ethylhexyl)phtha... | 21.291 | 149  | 18247    | 0.12 | ng    | 98       |
| 36) Indeno(1,2,3-cd)pyrene    | 26.103 | 276  | 68660    | 0.16 | ng    | 97       |
| 37) Benzo(b)fluoranthene      | 22.999 | 252  | 70023    | 0.17 | ng    | 99       |
| 38) Benzo(k)fluoranthene      | 22.999 | 252  | 70023    | 0.16 | ng    | 100      |
| 39) Benzo(a)pyrene            | 23.601 | 252  | 55175    | 0.16 | ng    | 98       |
| 40) Dibenzo(a,h)anthracene    | 26.124 | 278  | 55107    | 0.16 | ng    | # 93     |
| 41) Benzo(g,h,i)perylene      | 26.832 | 276  | 58738    | 0.16 | ng    | 98       |
| -----                         |        |      |          |      |       |          |

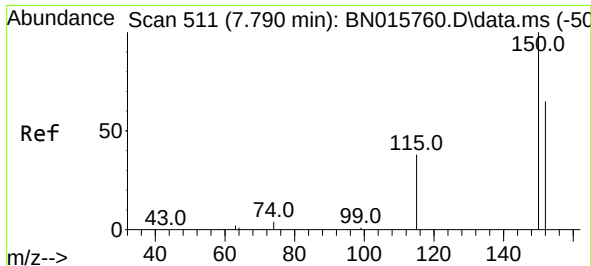
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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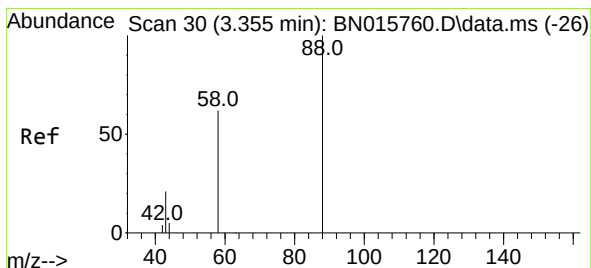
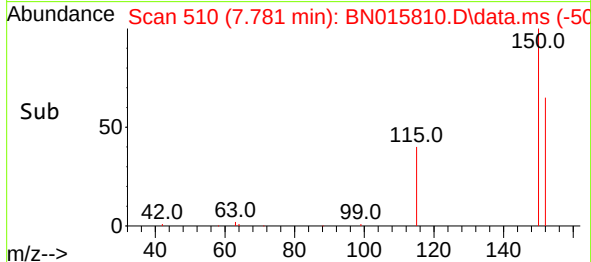
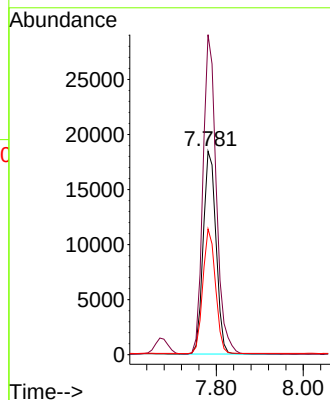
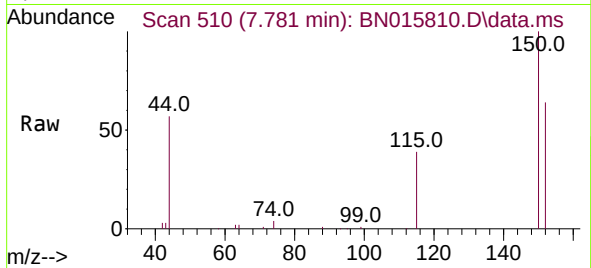




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.40 ng  
 RT: 7.781 min Scan# 510  
 Delta R.T. -0.009 min  
 Lab File: BN015810.D  
 Acq: 05 Aug 2021 03:00

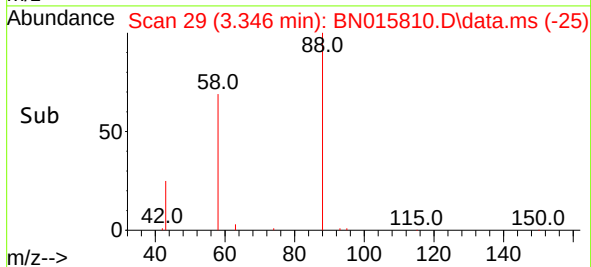
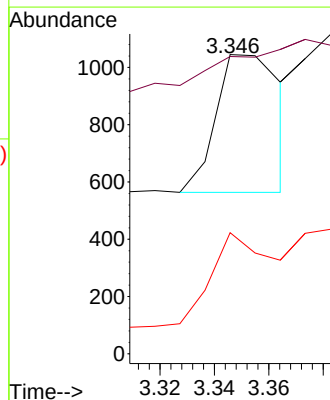
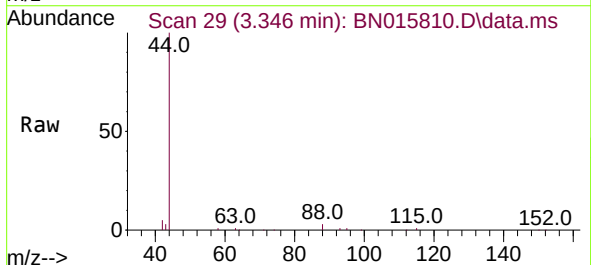
Instrument :  
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 ClientSampleId :  
 LOD-MDL-WATER-01-QT1-2021

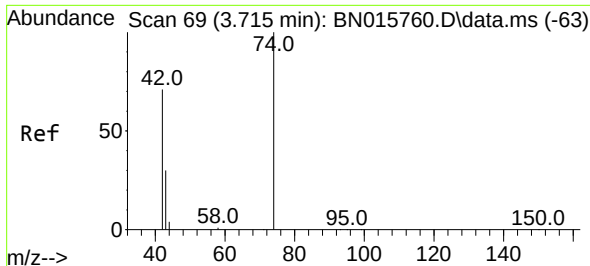
Tgt Ion:152 Resp: 37669  
 Ion Ratio Lower Upper  
 152 100  
 150 157.3 123.5 185.3  
 115 61.8 46.8 70.2



#2  
 1,4-Dioxane  
 Concen: 0.07 ng  
 RT: 3.346 min Scan# 29  
 Delta R.T. -0.009 min  
 Lab File: BN015810.D  
 Acq: 05 Aug 2021 03:00

Tgt Ion: 88 Resp: 802  
 Ion Ratio Lower Upper  
 88 100  
 43 0.0 23.1 34.7#  
 58 0.0 62.2 93.4#

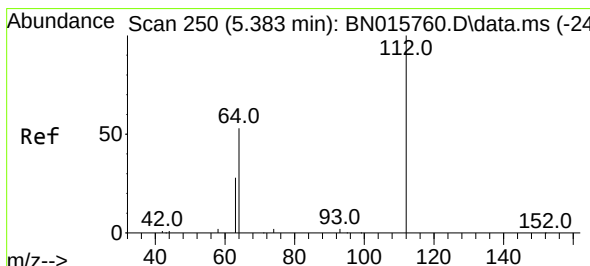
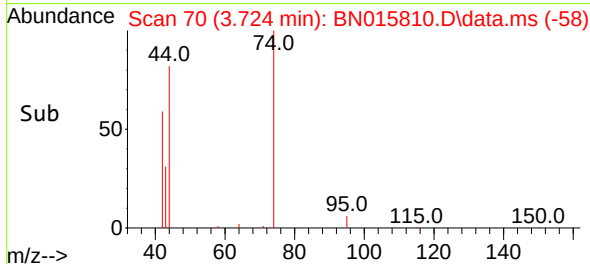
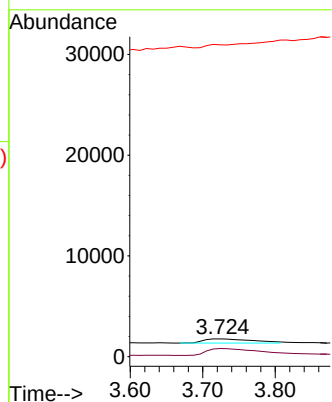
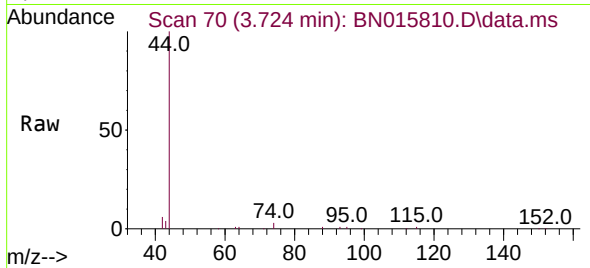




#3  
n-Nitrosodimethylamine  
Concen: 0.08 ng  
RT: 3.724 min Scan# 70  
Delta R.T. 0.009 min  
Lab File: BN015810.D  
Acq: 05 Aug 2021 03:00

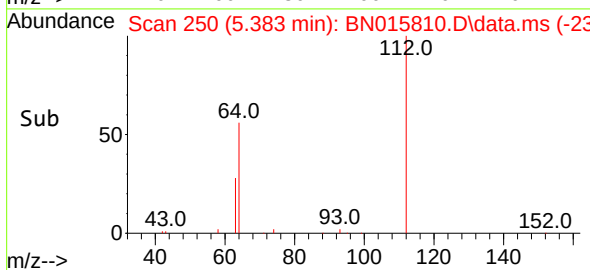
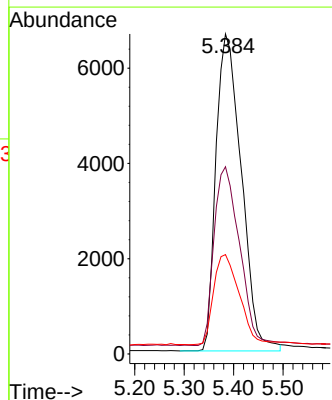
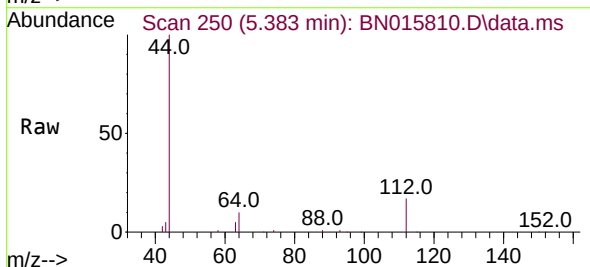
Instrument :  
BNA\_N  
ClientSampleId :  
LOD-MDL-WATER-01-QT1-2021

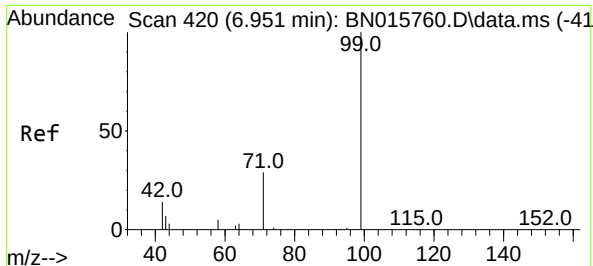
Tgt Ion: 42 Resp: 2009  
Ion Ratio Lower Upper  
42 100  
74 163.8 114.4 171.6  
44 0.0 3.6 5.4#



#4  
2-Fluorophenol  
Concen: 0.26 ng  
RT: 5.383 min Scan# 250  
Delta R.T. 0.000 min  
Lab File: BN015810.D  
Acq: 05 Aug 2021 03:00

Tgt Ion: 112 Resp: 23782  
Ion Ratio Lower Upper  
112 100  
64 56.6 42.2 63.4  
63 29.0 22.2 33.2

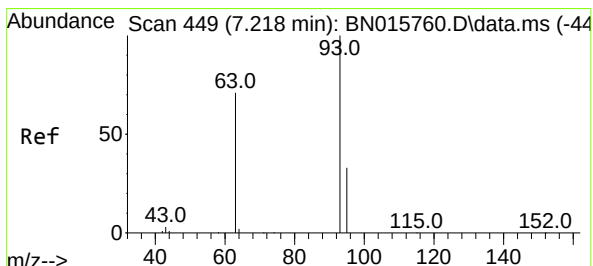
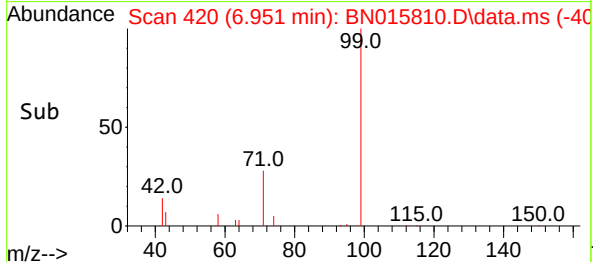
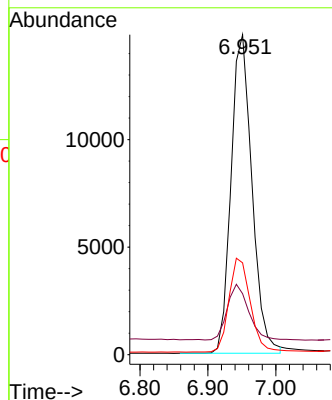
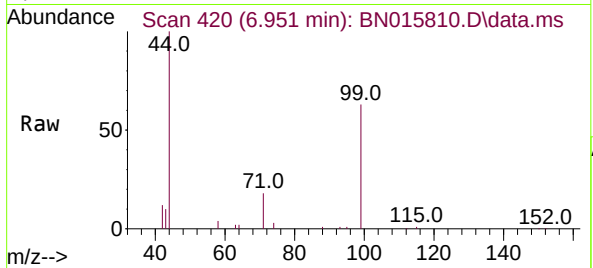




#5  
Phenol-d6  
Concen: 0.28 ng  
RT: 6.951 min Scan# 420  
Delta R.T. 0.000 min  
Lab File: BN015810.D  
Acq: 05 Aug 2021 03:00

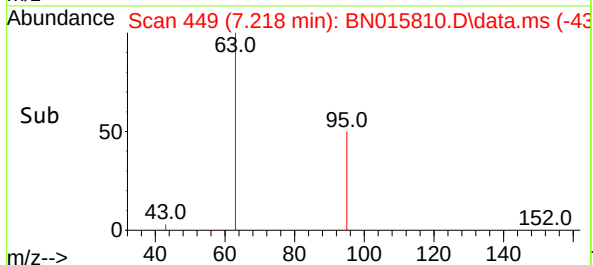
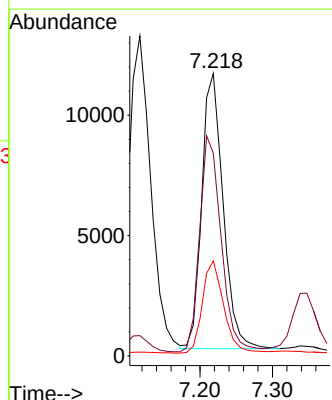
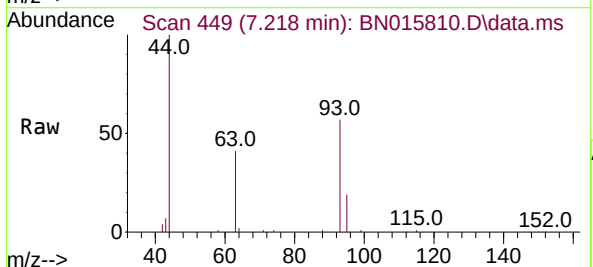
Instrument :  
BNA\_N  
ClientSampleId :  
LOD-MDL-WATER-01-QT1-2021

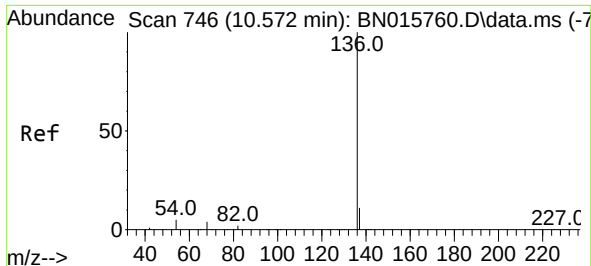
Tgt Ion: 99 Resp: 31704  
Ion Ratio Lower Upper  
99 100  
42 17.6 13.2 19.8  
71 30.0 23.8 35.8



#6  
bis(2-Chloroethyl)ether  
Concen: 0.23 ng  
RT: 7.218 min Scan# 449  
Delta R.T. 0.000 min  
Lab File: BN015810.D  
Acq: 05 Aug 2021 03:00

Tgt Ion: 93 Resp: 23399  
Ion Ratio Lower Upper  
93 100  
63 79.1 58.8 88.2  
95 33.4 26.6 39.8

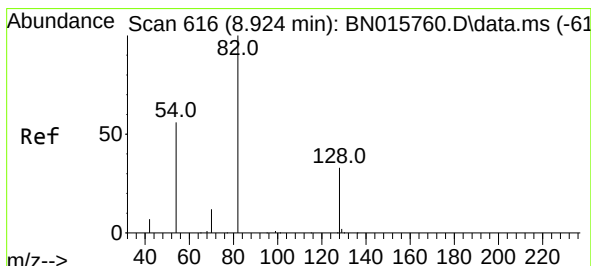
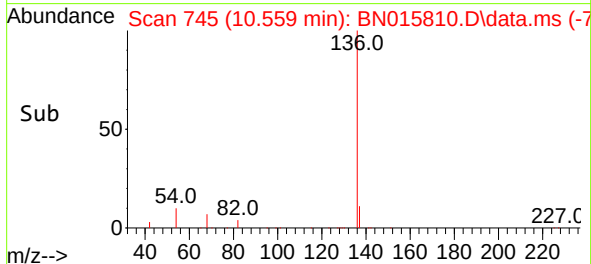
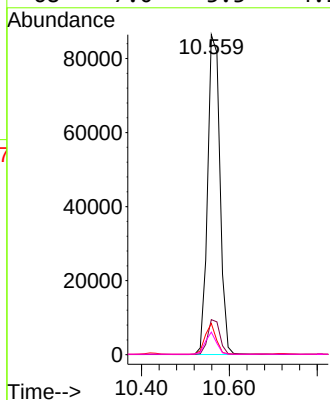
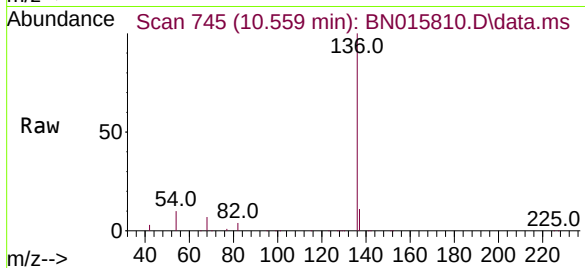




#7  
Naphthalene-d8  
Concen: 0.40 ng  
RT: 10.559 min Scan# 745  
Delta R.T. -0.013 min  
Lab File: BN015810.D  
Acq: 05 Aug 2021 03:00

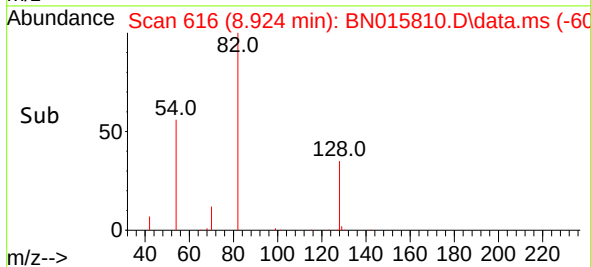
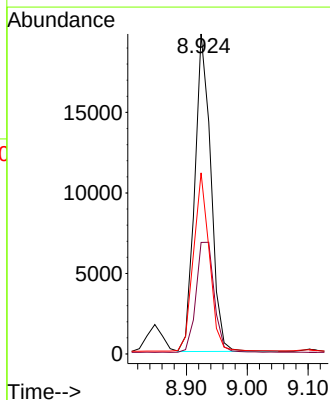
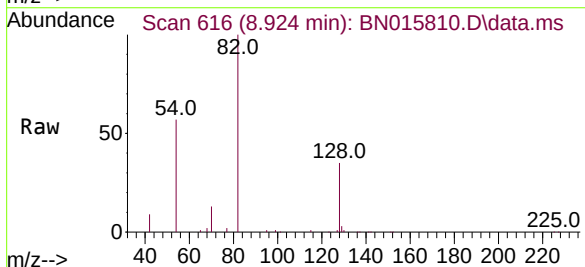
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LOD-MDL-WATER-01-QT1-2021

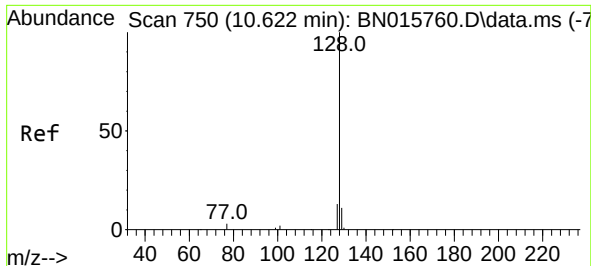
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|-----------|-------|-------|--------|
| Tgt Ion:  | 136   | Resp: | 167229 |
| Ion Ratio | Lower | Upper |        |
| 136       | 100   |       |        |
| 137       | 11.0  | 8.7   | 13.1   |
| 54        | 9.7   | 3.9   | 5.9#   |
| 68        | 7.0   | 3.3   | 4.9#   |



#8  
Nitrobenzene-d5  
Concen: 0.34 ng  
RT: 8.924 min Scan# 616  
Delta R.T. 0.000 min  
Lab File: BN015810.D  
Acq: 05 Aug 2021 03:00

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 82    | Resp: | 36392 |
| Ion Ratio | Lower | Upper |       |
| 82        | 100   |       |       |
| 128       | 34.8  | 26.2  | 39.4  |
| 54        | 56.6  | 45.1  | 67.7  |

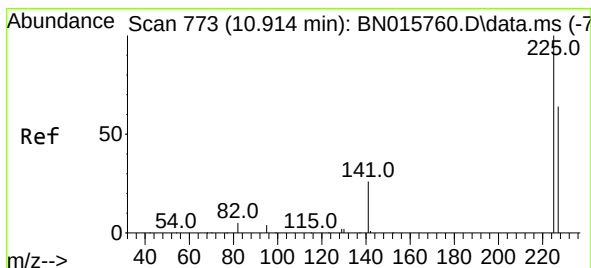
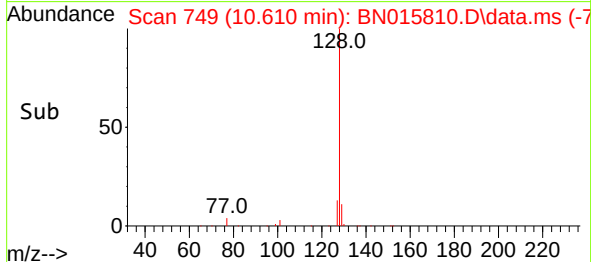
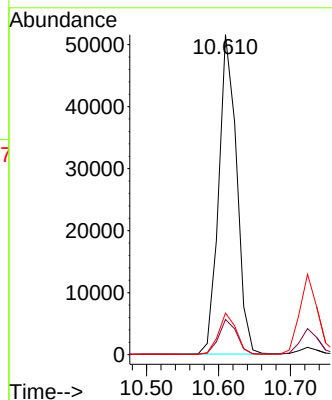
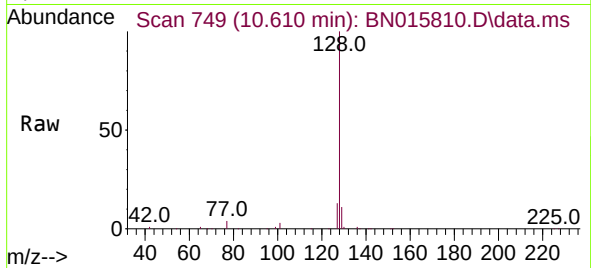




#9  
Naphthalene  
Concen: 0.20 ng  
RT: 10.610 min Scan# 749  
Delta R.T. -0.013 min  
Lab File: BN015810.D  
Acq: 05 Aug 2021 03:00

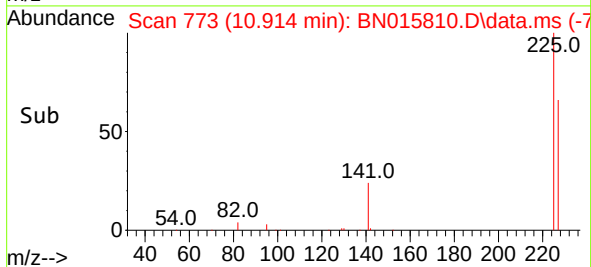
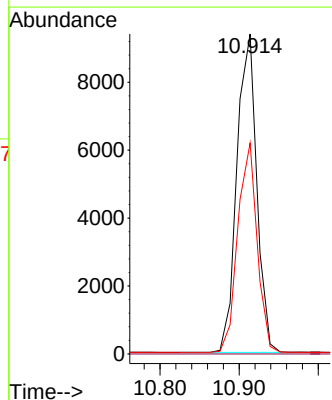
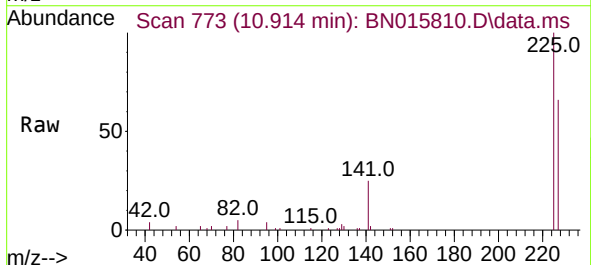
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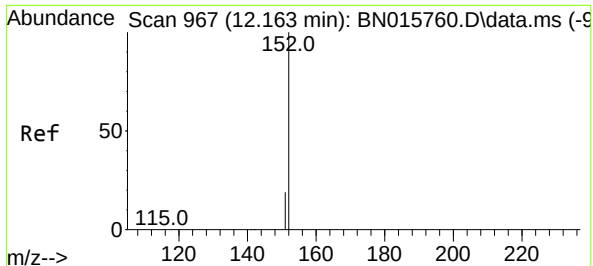
Tgt Ion:128 Resp: 89420  
Ion Ratio Lower Upper  
128 100  
129 11.0 8.8 13.2  
127 13.0 10.2 15.2



#10  
Hexachlorobutadiene  
Concen: 0.21 ng  
RT: 10.914 min Scan# 773  
Delta R.T. 0.000 min  
Lab File: BN015810.D  
Acq: 05 Aug 2021 03:00

Tgt Ion:225 Resp: 16373  
Ion Ratio Lower Upper  
225 100  
223 0.0 0.0 0.0  
227 64.0 51.5 77.3

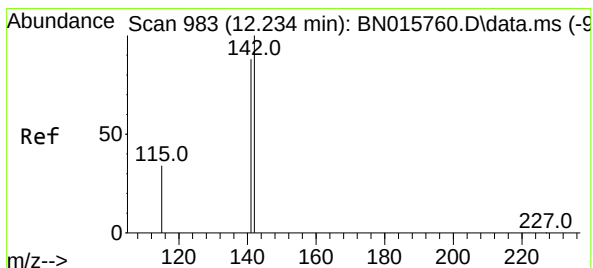
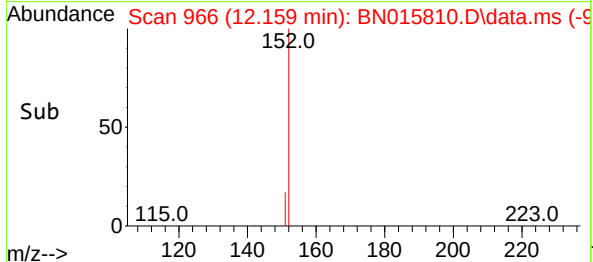
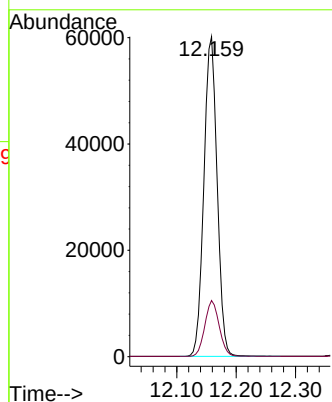
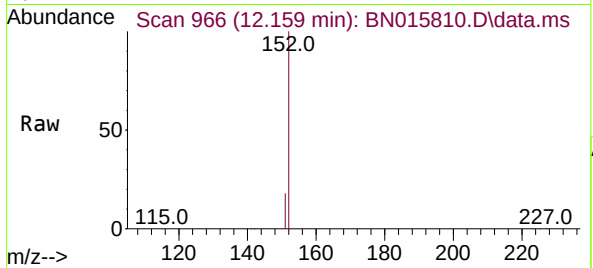




#11  
2-Methylnaphthalene-d10  
Concen: 0.37 ng  
RT: 12.159 min Scan# 966  
Delta R.T. -0.004 min  
Lab File: BN015810.D  
Acq: 05 Aug 2021 03:00

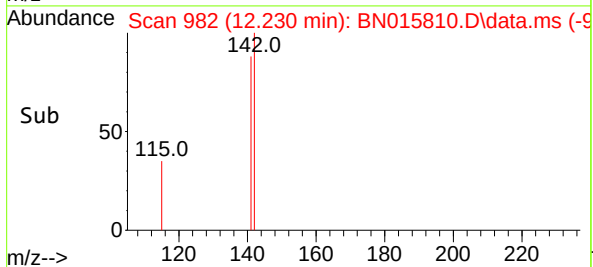
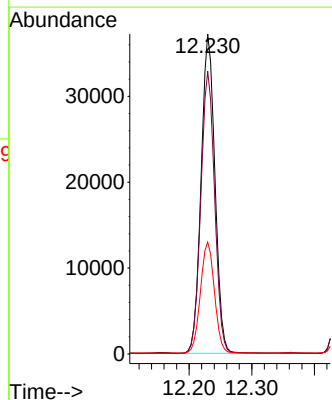
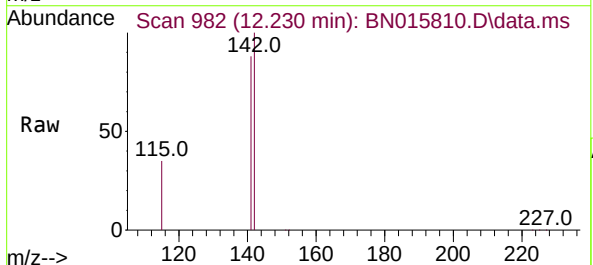
Instrument :  
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ClientSampleId :  
LOD-MDL-WATER-01-QT1-2021

Tgt Ion:152 Resp: 93035  
Ion Ratio Lower Upper  
152 100  
151 19.0 16.2 24.4

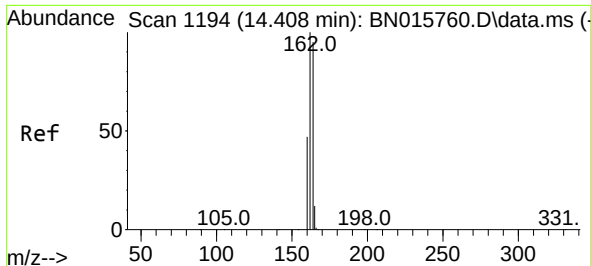


#12  
2-Methylnaphthalene  
Concen: 0.20 ng  
RT: 12.230 min Scan# 982  
Delta R.T. -0.004 min  
Lab File: BN015810.D  
Acq: 05 Aug 2021 03:00

Tgt Ion:142 Resp: 57019  
Ion Ratio Lower Upper  
142 100  
141 88.3 70.5 105.7  
115 34.9 27.4 41.0



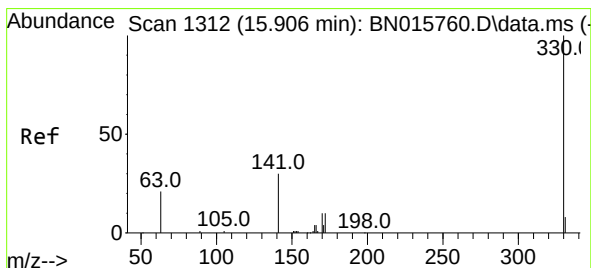
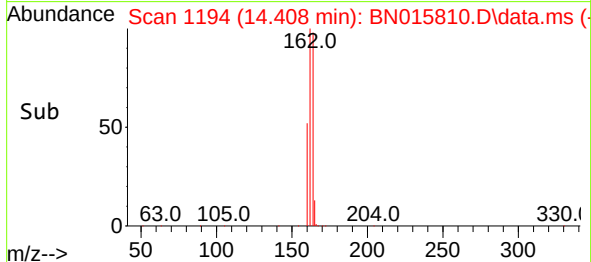
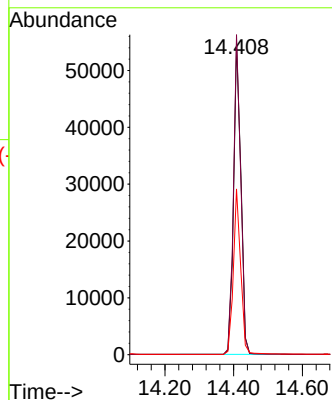
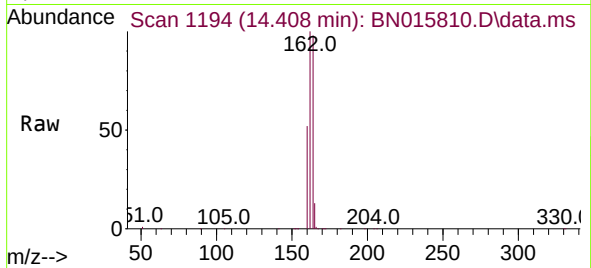




#13  
Acenaphthene-d10  
Concen: 0.40 ng  
RT: 14.408 min Scan# 1194  
Delta R.T. 0.000 min  
Lab File: BN015810.D  
Acq: 05 Aug 2021 03:00

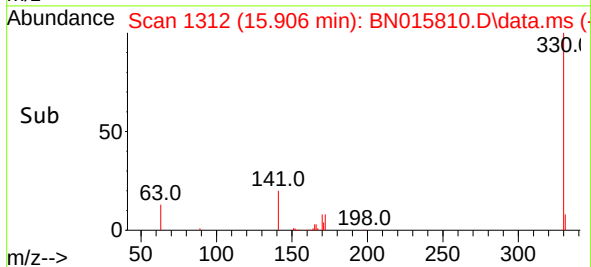
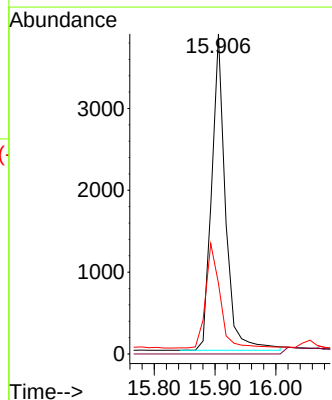
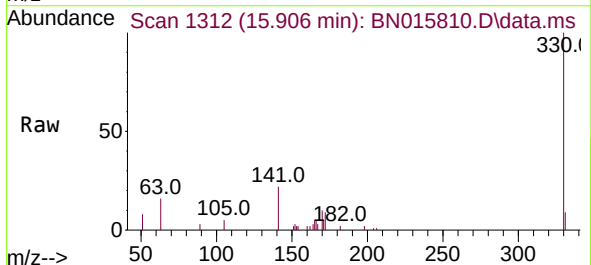
Instrument :  
BNA\_N  
ClientSampleId :  
LOD-MDL-WATER-01-QT1-2021

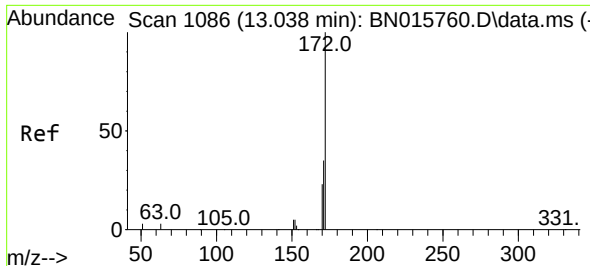
Tgt Ion:164 Resp: 80794  
Ion Ratio Lower Upper  
164 100  
162 102.5 84.2 126.2  
160 53.1 39.8 59.6



#14  
2,4,6-Tribromophenol  
Concen: 0.21 ng  
RT: 15.906 min Scan# 1312  
Delta R.T. 0.000 min  
Lab File: BN015810.D  
Acq: 05 Aug 2021 03:00

Tgt Ion:330 Resp: 6120  
Ion Ratio Lower Upper  
330 100  
332 0.0 0.0 0.0  
141 34.5 28.2 42.2

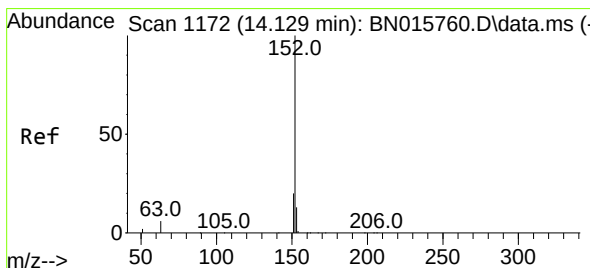
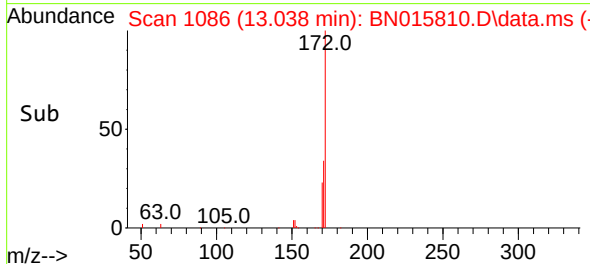
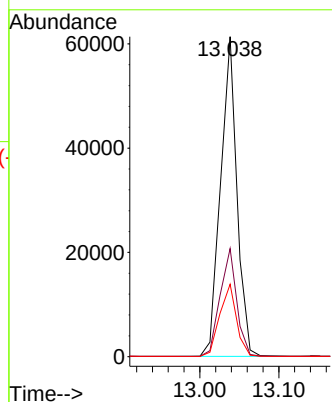
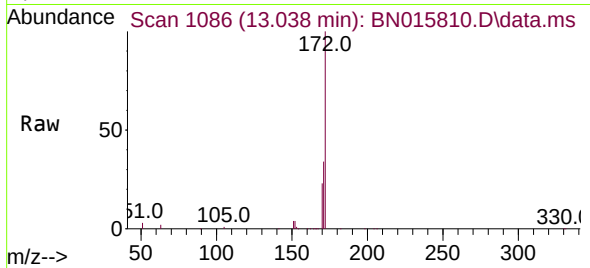




#15  
2-Fluorobiphenyl  
Concen: 0.27 ng  
RT: 13.038 min Scan# 1086  
Delta R.T. 0.000 min  
Lab File: BN015810.D  
Acq: 05 Aug 2021 03:00

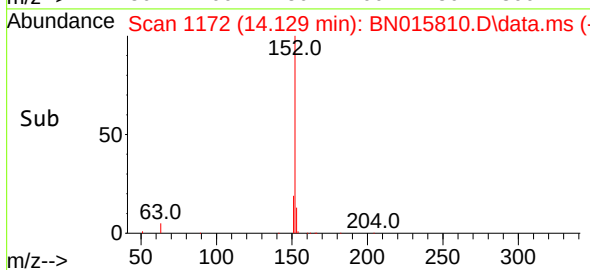
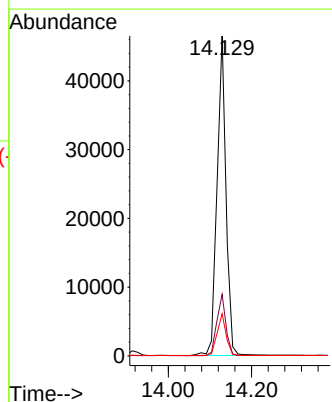
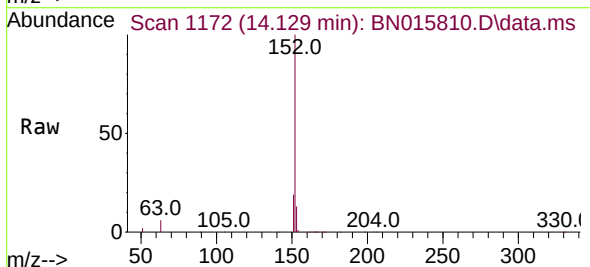
Instrument :  
BNA\_N  
ClientSampleId :  
LOD-MDL-WATER-01-QT1-2021

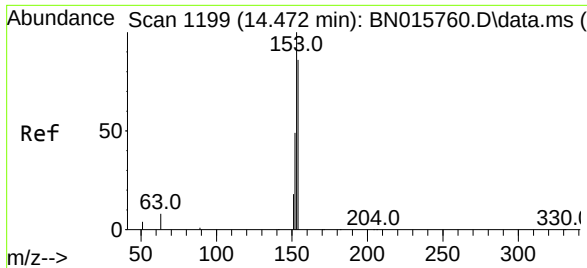
Tgt Ion:172 Resp: 88327  
Ion Ratio Lower Upper  
172 100  
171 33.8 27.8 41.8  
170 22.6 18.7 28.1



#16  
Acenaphthylene  
Concen: 0.21 ng  
RT: 14.129 min Scan# 1172  
Delta R.T. 0.000 min  
Lab File: BN015810.D  
Acq: 05 Aug 2021 03:00

Tgt Ion:152 Resp: 69486  
Ion Ratio Lower Upper  
152 100  
151 19.4 15.7 23.5  
153 13.2 10.5 15.7

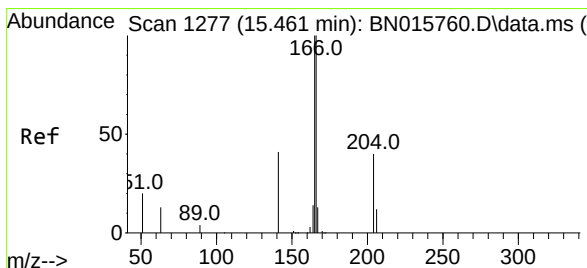
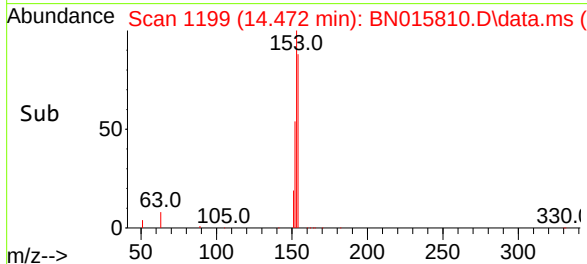
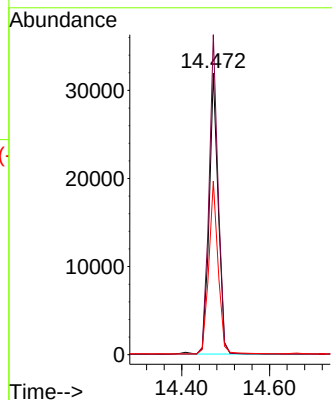
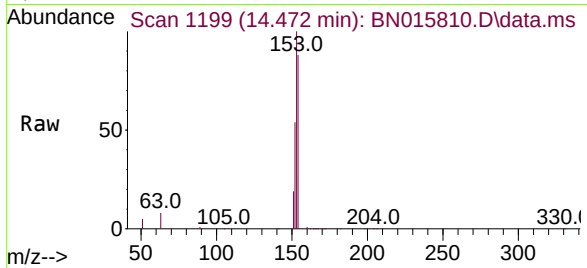




#17  
Acenaphthene  
Concen: 0.20 ng  
RT: 14.472 min Scan# 1199  
Delta R.T. 0.000 min  
Lab File: BN015810.D  
Acq: 05 Aug 2021 03:00

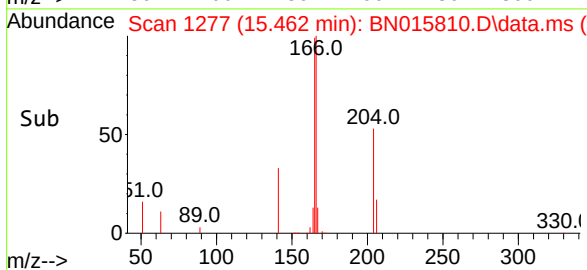
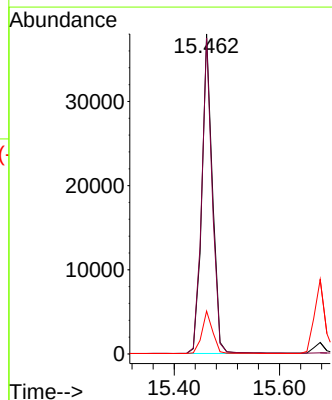
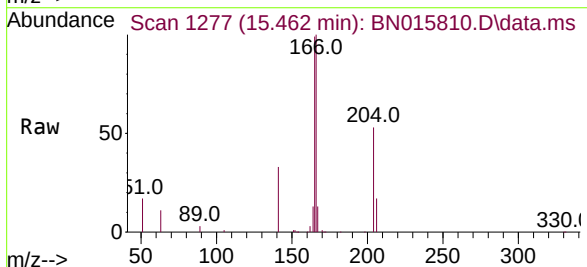
Instrument :  
BNA\_N  
ClientSampleId :  
LOD-MDL-WATER-01-QT1-2021

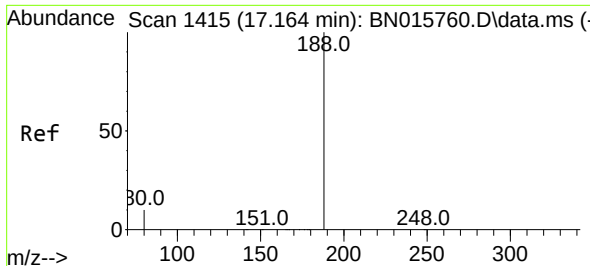
Tgt Ion:154 Resp: 45769  
Ion Ratio Lower Upper  
154 100  
153 113.2 90.5 135.7  
152 63.3 44.4 66.6



#18  
Fluorene  
Concen: 0.19 ng  
RT: 15.462 min Scan# 1277  
Delta R.T. 0.000 min  
Lab File: BN015810.D  
Acq: 05 Aug 2021 03:00

Tgt Ion:166 Resp: 53001  
Ion Ratio Lower Upper  
166 100  
165 98.5 78.2 117.2  
167 13.5 10.7 16.1

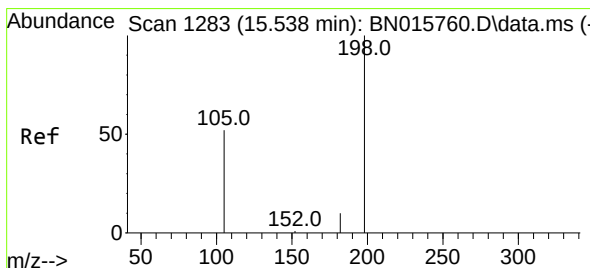
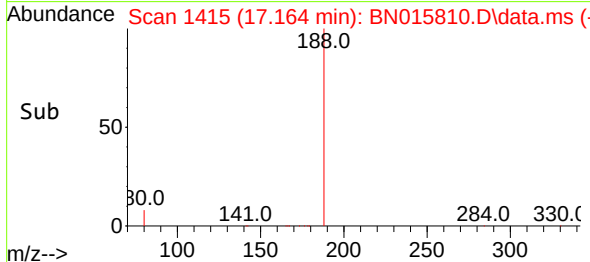
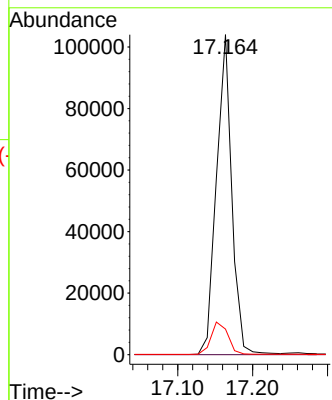
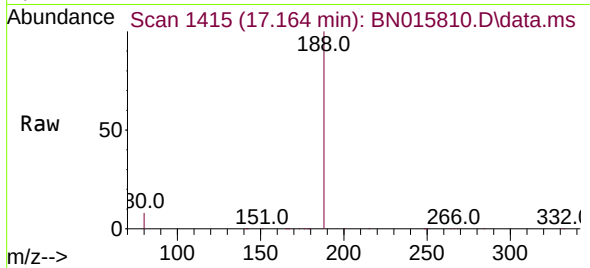




#19  
Phenanthrene-d10  
Concen: 0.40 ng  
RT: 17.164 min Scan# 1415  
Delta R.T. -0.000 min  
Lab File: BN015810.D  
Acq: 05 Aug 2021 03:00

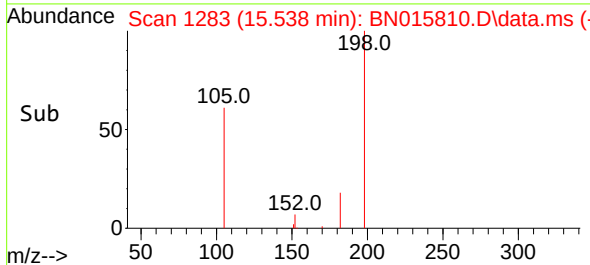
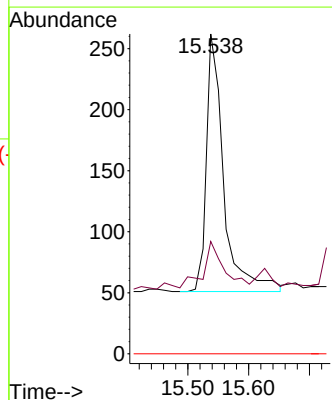
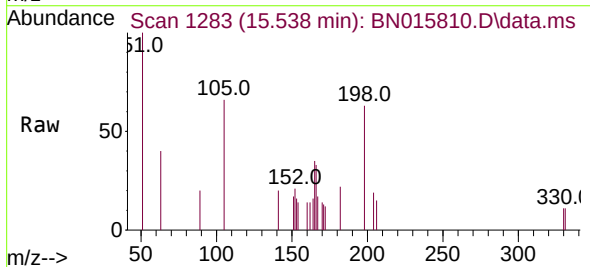
Instrument :  
BNA\_N  
ClientSampleId :  
LOD-MDL-WATER-01-QT1-2021

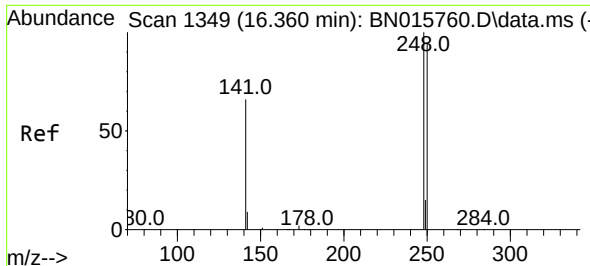
Tgt Ion:188 Resp: 147435  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 8.0 7.7 11.5



#20  
4,6-Dinitro-2-methylphenol  
Concen: 0.05 ng  
RT: 15.538 min Scan# 1283  
Delta R.T. -0.000 min  
Lab File: BN015810.D  
Acq: 05 Aug 2021 03:00

Tgt Ion:198 Resp: 418  
Ion Ratio Lower Upper  
198 100  
182 35.1 11.1 16.7#  
77 0.0 0.0 0.0

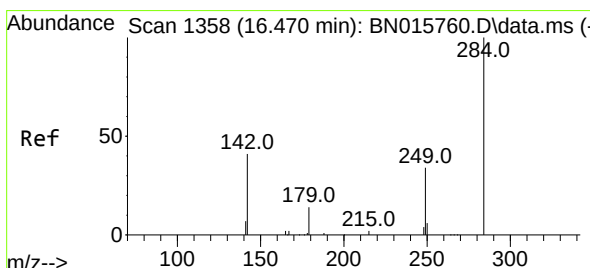
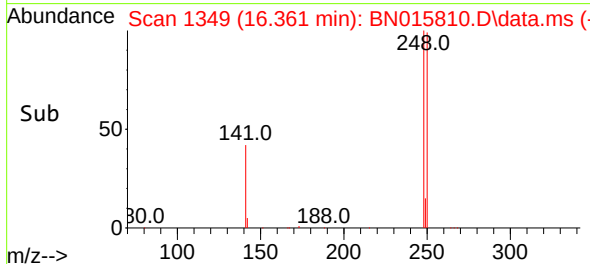
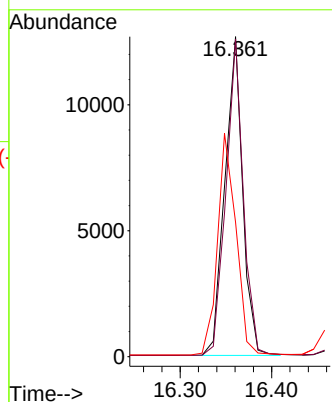
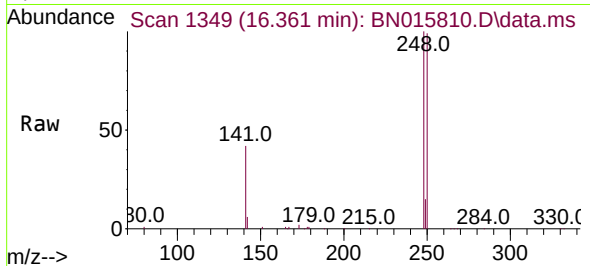




#21  
4-Bromophenyl-phenylether  
Concen: 0.20 ng  
RT: 16.361 min Scan# 1349  
Delta R.T. 0.000 min  
Lab File: BN015810.D  
Acq: 05 Aug 2021 03:00

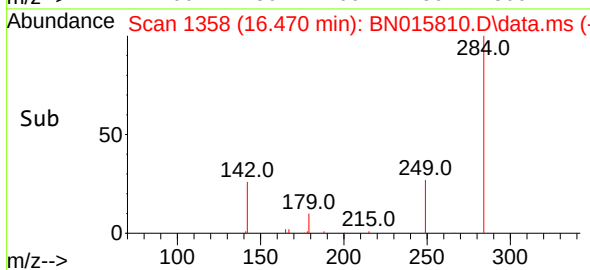
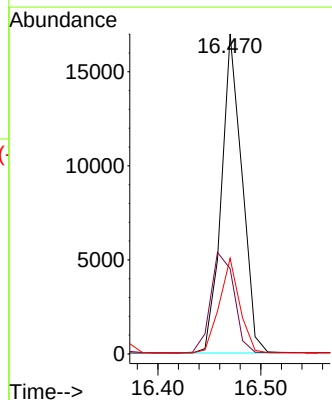
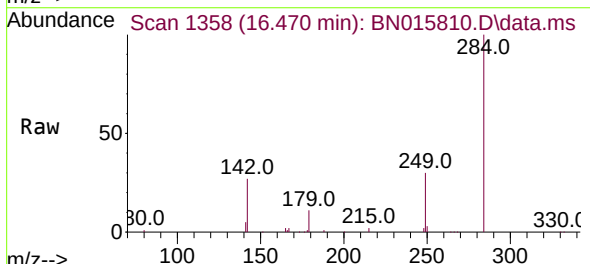
Instrument :  
BNA\_N  
ClientSampleId :  
LOD-MDL-WATER-01-QT1-2021

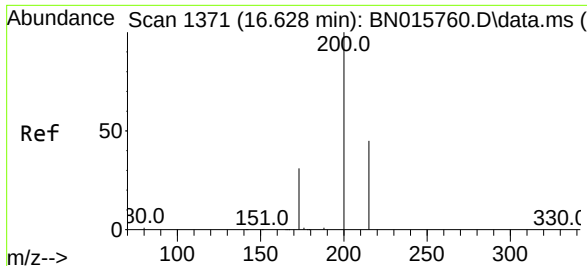
Tgt Ion:248 Resp: 17095  
Ion Ratio Lower Upper  
248 100  
250 99.2 75.8 113.6  
141 42.0 52.8 79.2#



#22  
Hexachlorobenzene  
Concen: 0.24 ng  
RT: 16.470 min Scan# 1358  
Delta R.T. 0.000 min  
Lab File: BN015810.D  
Acq: 05 Aug 2021 03:00

Tgt Ion:284 Resp: 23567  
Ion Ratio Lower Upper  
284 100  
142 35.7 29.4 44.2  
249 29.0 23.8 35.6

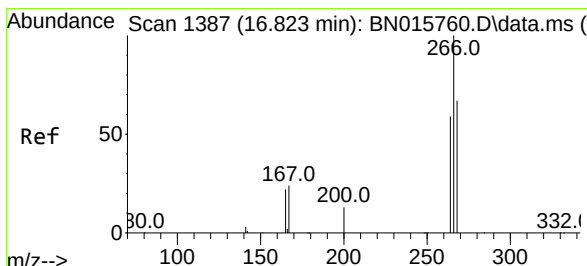
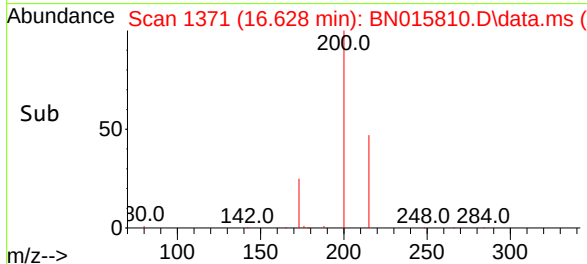
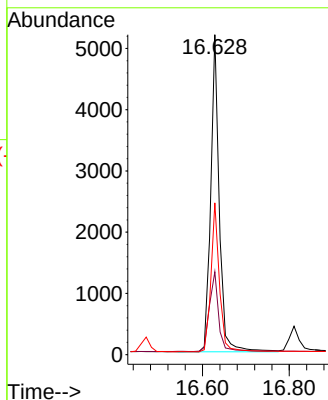
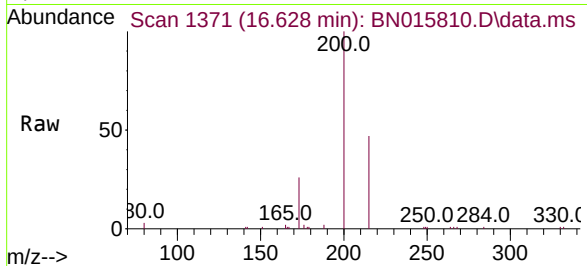




#23  
Atrazine  
Concen: 0.13 ng  
RT: 16.628 min Scan# 1371  
Delta R.T. 0.000 min  
Lab File: BN015810.D  
Acq: 05 Aug 2021 03:00

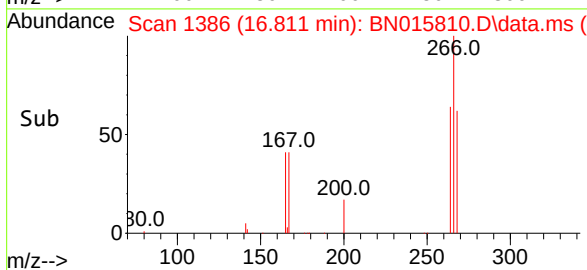
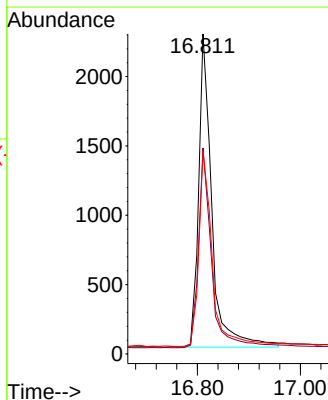
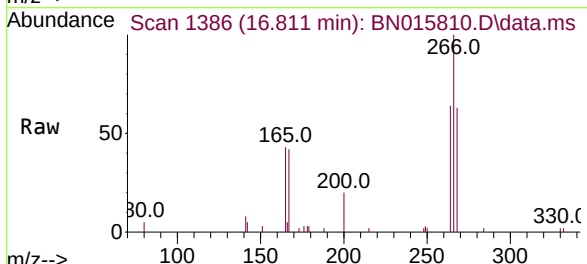
Instrument :  
BNA\_N  
ClientSampleId :  
LOD-MDL-WATER-01-QT1-2021

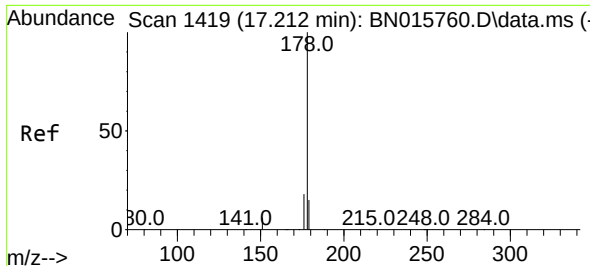
Tgt Ion:200 Resp: 7069  
Ion Ratio Lower Upper  
200 100  
173 25.9 25.0 37.6  
215 47.4 36.3 54.5



#24  
Pentachlorophenol  
Concen: 0.13 ng  
RT: 16.811 min Scan# 1386  
Delta R.T. -0.012 min  
Lab File: BN015810.D  
Acq: 05 Aug 2021 03:00

Tgt Ion:266 Resp: 4027  
Ion Ratio Lower Upper  
266 100  
264 63.6 49.7 74.5  
268 64.2 51.8 77.6

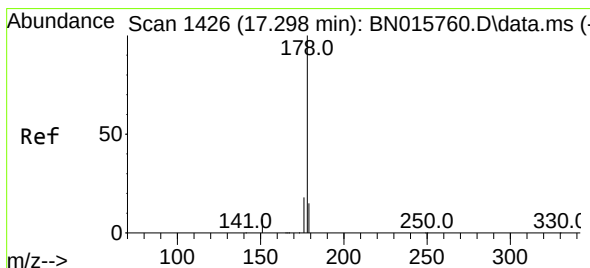
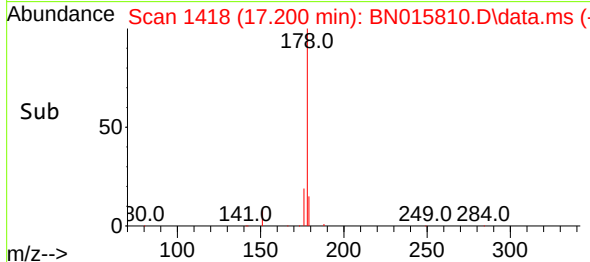
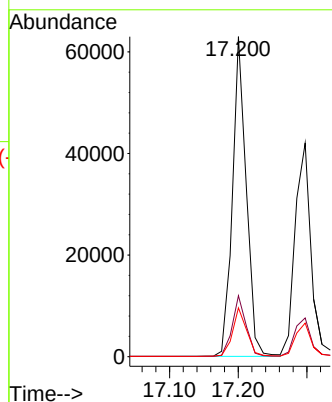
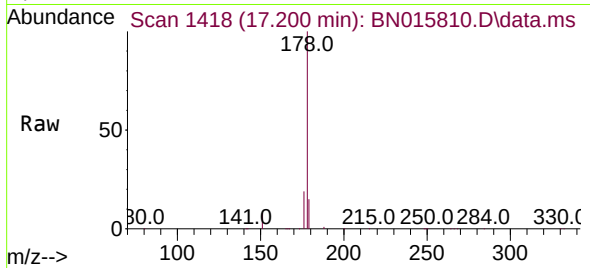




#25  
Phenanthrene  
Concen: 0.20 ng  
RT: 17.200 min Scan# 1418  
Delta R.T. -0.012 min  
Lab File: BN015810.D  
Acq: 05 Aug 2021 03:00

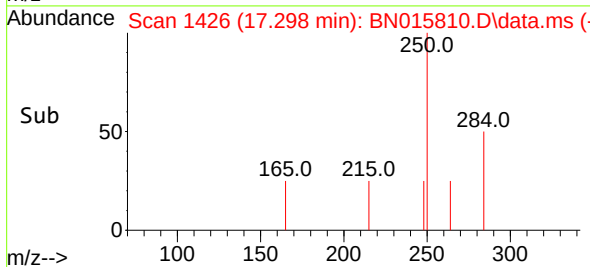
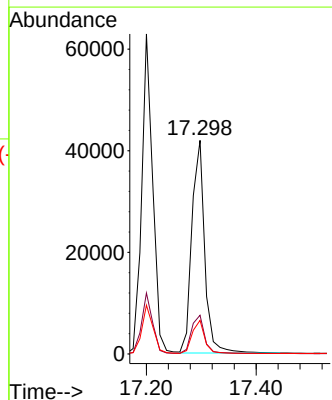
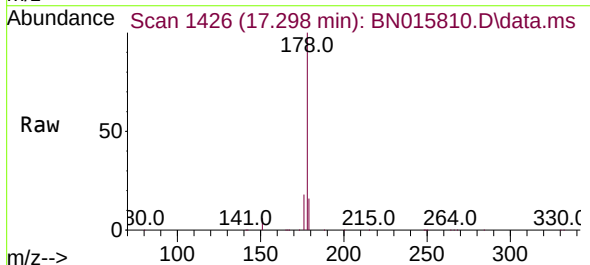
Instrument :  
BNA\_N  
ClientSampleId :  
LOD-MDL-WATER-01-QT1-2021

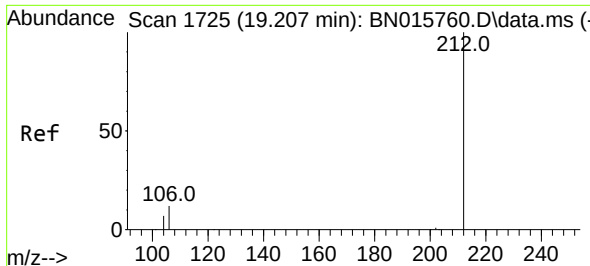
Tgt Ion:178 Resp: 88087  
Ion Ratio Lower Upper  
178 100  
176 18.9 15.1 22.7  
179 15.7 12.2 18.4



#26  
Anthracene  
Concen: 0.18 ng  
RT: 17.298 min Scan# 1426  
Delta R.T. 0.000 min  
Lab File: BN015810.D  
Acq: 05 Aug 2021 03:00

Tgt Ion:178 Resp: 68061  
Ion Ratio Lower Upper  
178 100  
176 18.4 14.6 22.0  
179 15.3 12.2 18.4

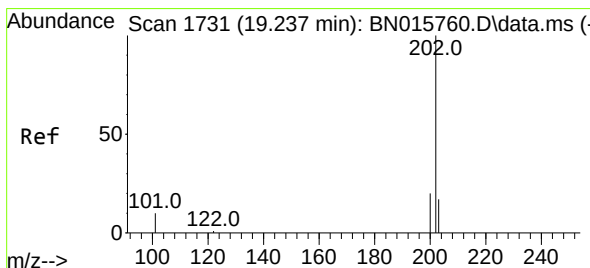
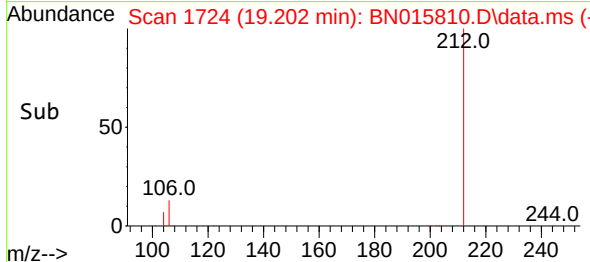
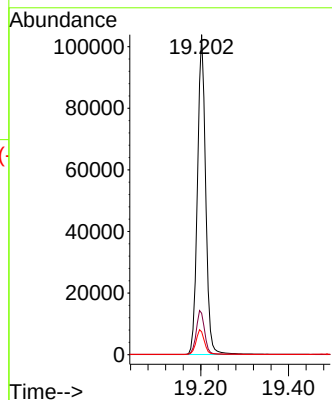
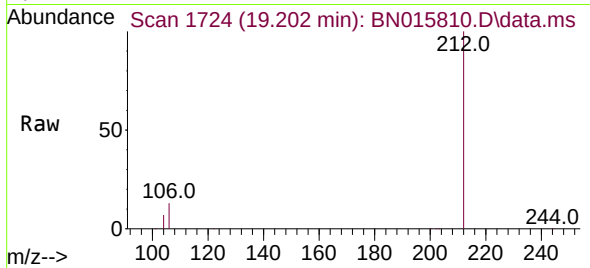




#27  
Fluoranthene-d10  
Concen: 0.35 ng  
RT: 19.202 min Scan# 1724  
Delta R.T. -0.005 min  
Lab File: BN015810.D  
Acq: 05 Aug 2021 03:00

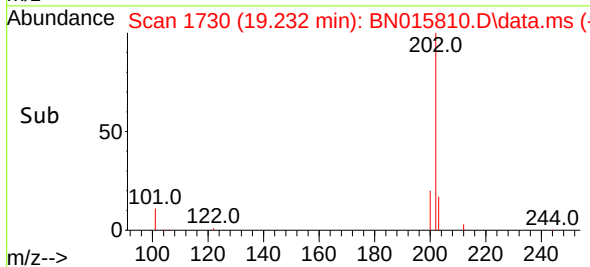
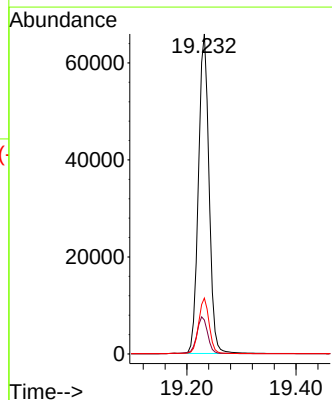
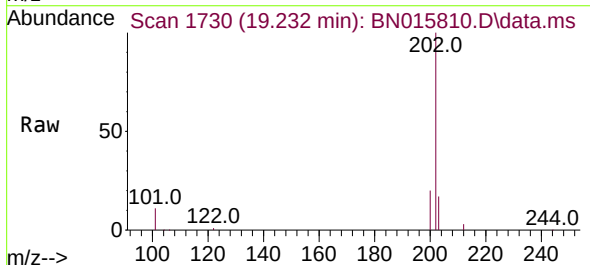
Instrument :  
BNA\_N  
ClientSampleId :  
LOD-MDL-WATER-01-QT1-2021

Tgt Ion:212 Resp: 134551  
Ion Ratio Lower Upper  
212 100  
106 14.1 10.8 16.2  
104 7.8 6.0 9.0

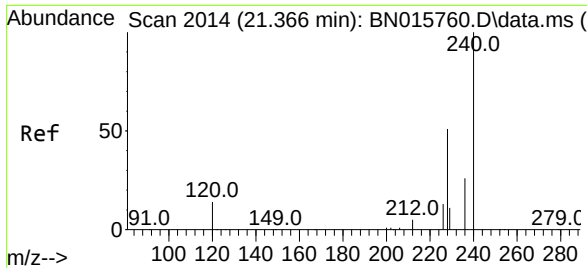


#28  
Fluoranthene  
Concen: 0.19 ng  
RT: 19.232 min Scan# 1730  
Delta R.T. -0.005 min  
Lab File: BN015810.D  
Acq: 05 Aug 2021 03:00

Tgt Ion:202 Resp: 88577  
Ion Ratio Lower Upper  
202 100  
101 12.0 9.0 13.6  
203 17.3 13.8 20.8



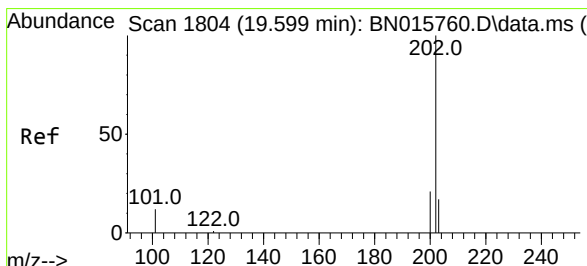
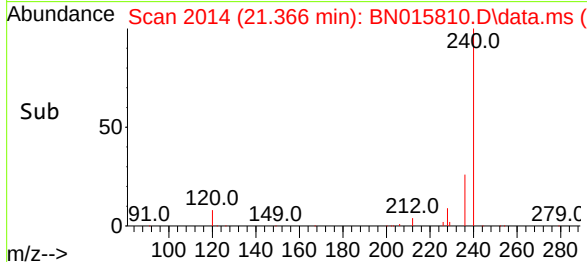
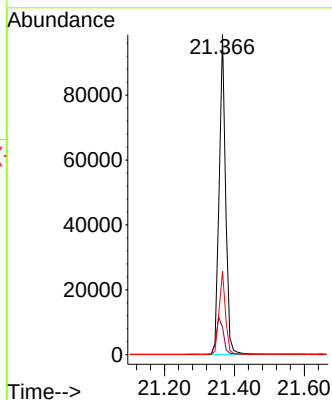
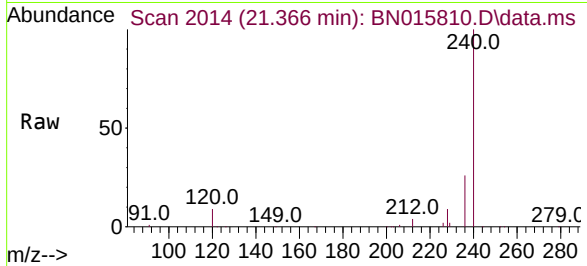




#29  
Chrysene-d12  
Concen: 0.40 ng  
RT: 21.366 min Scan# 2014  
Delta R.T. 0.000 min  
Lab File: BN015810.D  
Acq: 05 Aug 2021 03:00

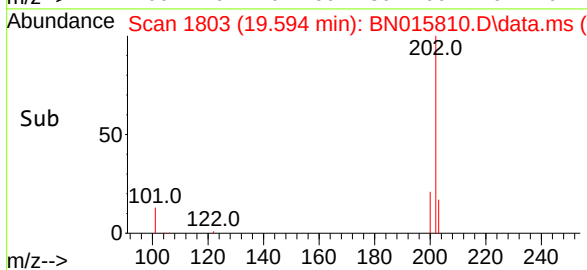
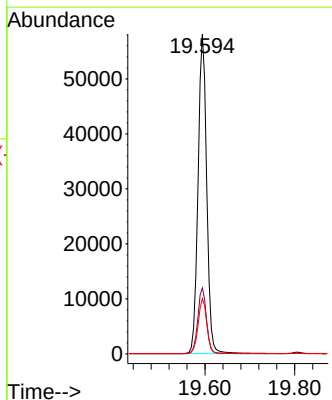
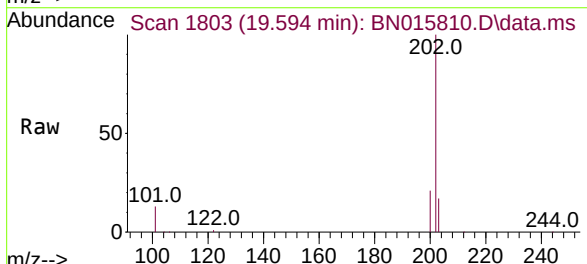
Instrument :  
BNA\_N  
ClientSampleId :  
LOD-MDL-WATER-01-QT1-2021

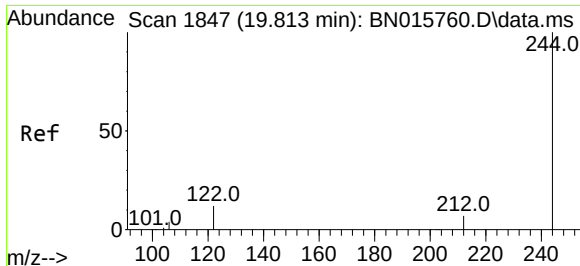
Tgt Ion:240 Resp: 125040  
Ion Ratio Lower Upper  
240 100  
120 8.6 11.4 17.0#  
236 26.1 21.2 31.8



#30  
Pyrene  
Concen: 0.19 ng  
RT: 19.594 min Scan# 1803  
Delta R.T. -0.005 min  
Lab File: BN015810.D  
Acq: 05 Aug 2021 03:00

Tgt Ion:202 Resp: 77996  
Ion Ratio Lower Upper  
202 100  
200 20.6 16.5 24.7  
203 17.4 13.9 20.9

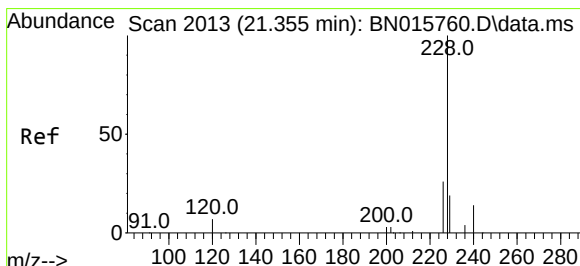
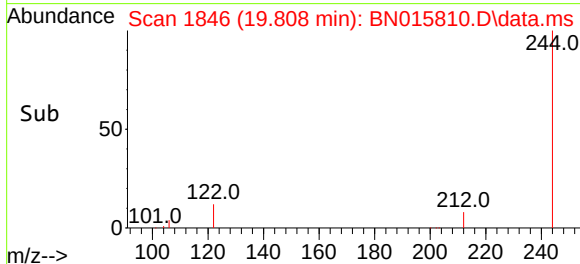
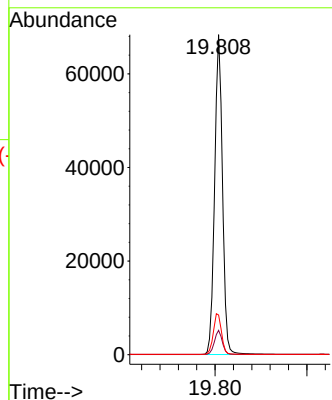
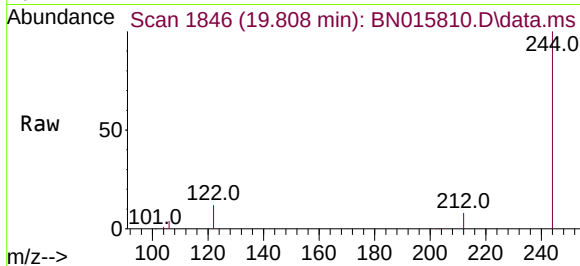




#31  
Terphenyl-d14  
Concen: 0.26 ng  
RT: 19.808 min Scan# 1846  
Delta R.T. -0.005 min  
Lab File: BN015810.D  
Acq: 05 Aug 2021 03:00

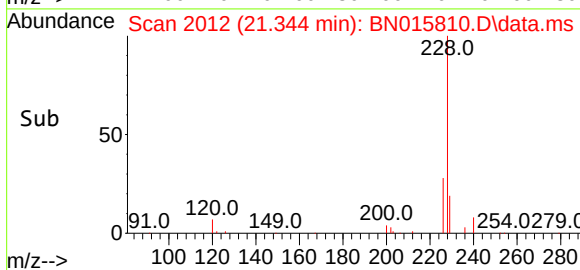
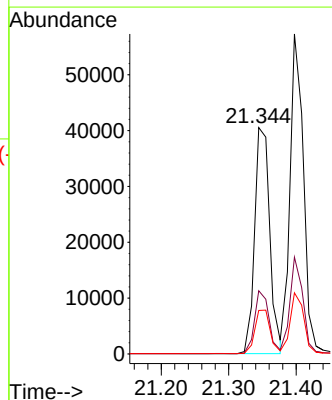
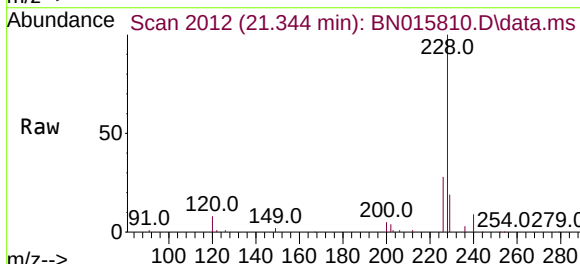
Instrument :  
BNA\_N  
ClientSampleId :  
LOD-MDL-WATER-01-QT1-2021

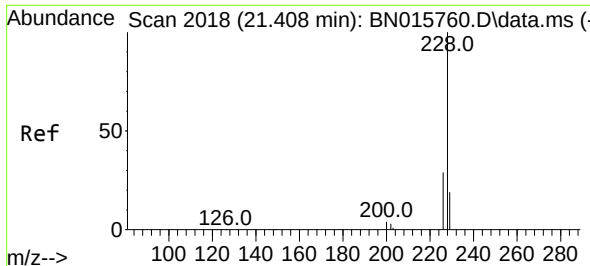
Tgt Ion:244 Resp: 80820  
Ion Ratio Lower Upper  
244 100  
212 7.6 5.9 8.9  
122 12.4 9.7 14.5



#32  
Benzo(a)anthracene  
Concen: 0.17 ng  
RT: 21.344 min Scan# 2012  
Delta R.T. -0.011 min  
Lab File: BN015810.D  
Acq: 05 Aug 2021 03:00

Tgt Ion:228 Resp: 63438  
Ion Ratio Lower Upper  
228 100  
226 27.9 21.2 31.8  
229 19.2 15.6 23.4

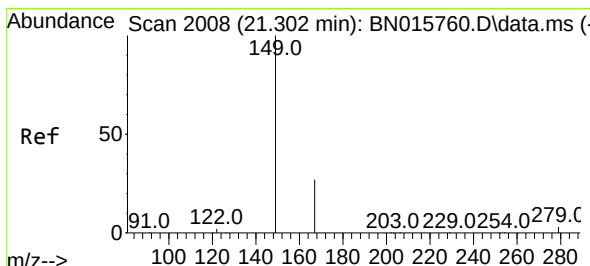
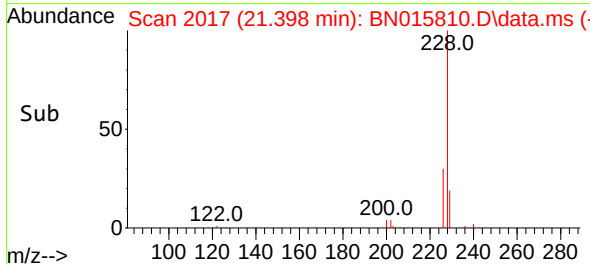
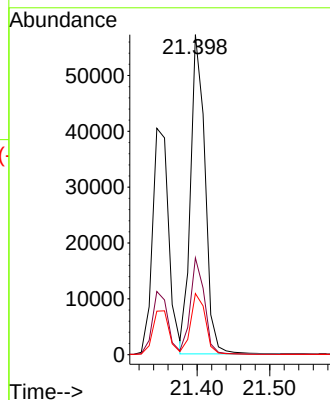
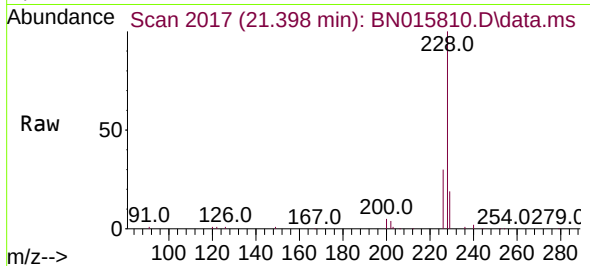




#33  
Chrysene  
Concen: 0.19 ng  
RT: 21.398 min Scan# 2017  
Delta R.T. -0.011 min  
Lab File: BN015810.D  
Acq: 05 Aug 2021 03:00

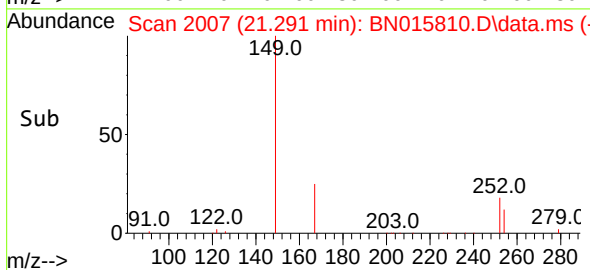
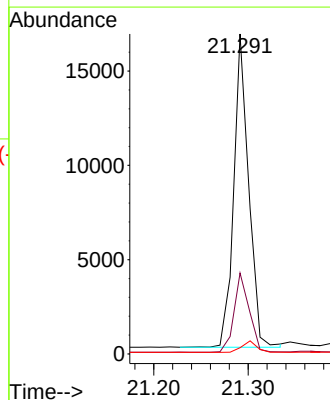
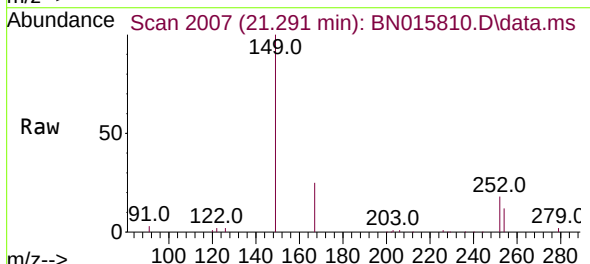
Instrument :  
BNA\_N  
ClientSampleId :  
LOD-MDL-WATER-01-QT1-2021

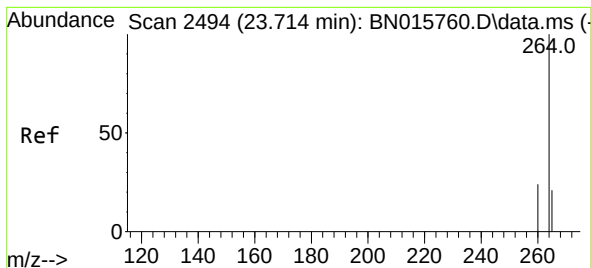
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 228   | Resp: | 79109 |
| Ion Ratio | Lower | Upper |       |
| 228       | 100   |       |       |
| 226       | 30.3  | 23.3  | 34.9  |
| 229       | 19.1  | 15.7  | 23.5  |



#34  
Bis(2-ethylhexyl)phthalate  
Concen: 0.12 ng  
RT: 21.291 min Scan# 2007  
Delta R.T. -0.011 min  
Lab File: BN015810.D  
Acq: 05 Aug 2021 03:00

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 149   | Resp: | 18247 |
| Ion Ratio | Lower | Upper |       |
| 149       | 100   |       |       |
| 167       | 25.6  | 21.2  | 31.8  |
| 279       | 3.7   | 3.2   | 4.8   |



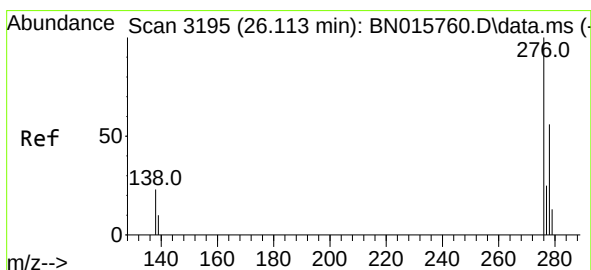
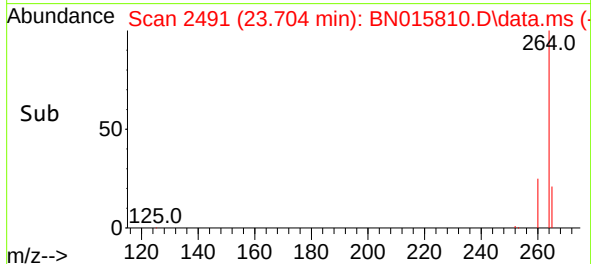
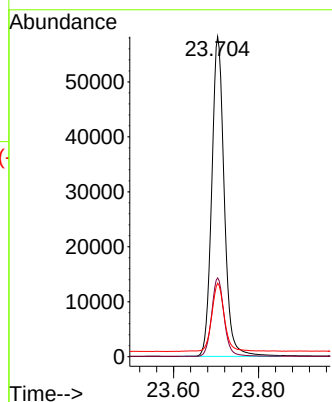
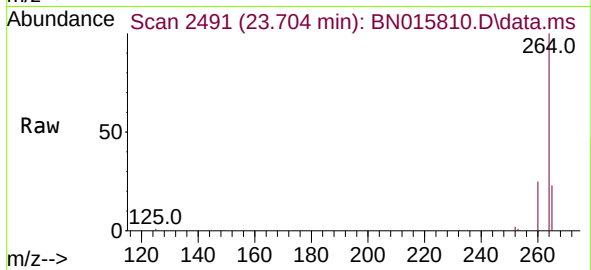


#35  
Perylene-d12  
Concen: 0.40 ng  
RT: 23.704 min Scan# 2491  
Delta R.T. -0.010 min  
Lab File: BN015810.D  
Acq: 05 Aug 2021 03:00

Instrument :  
BNA\_N  
ClientSampleId :  
LOD-MDL-WATER-01-QT1-2021

Tgt Ion:264 Resp: 118685  

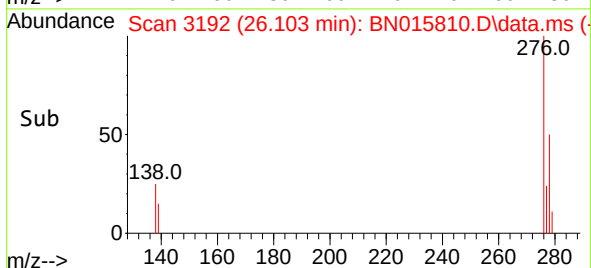
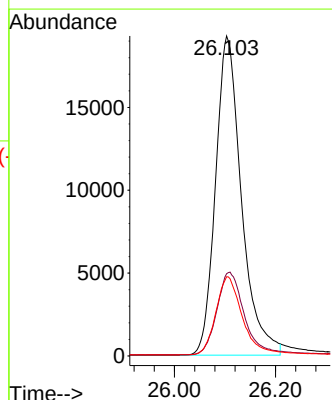
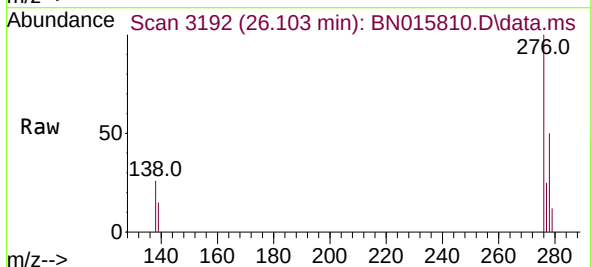
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 24.6  | 19.5  | 29.3  |
| 265 | 22.9  | 19.2  | 28.8  |

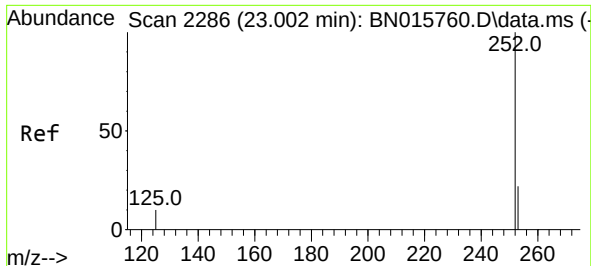


#36  
Indeno(1,2,3-cd)pyrene  
Concen: 0.16 ng  
RT: 26.103 min Scan# 3192  
Delta R.T. -0.010 min  
Lab File: BN015810.D  
Acq: 05 Aug 2021 03:00

Tgt Ion:276 Resp: 68660  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 276 | 100   |       |       |
| 138 | 27.1  | 19.6  | 29.4  |
| 277 | 24.9  | 20.0  | 30.0  |

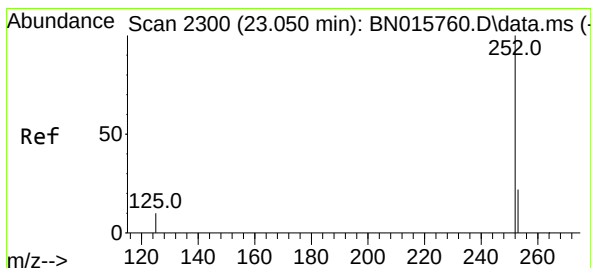
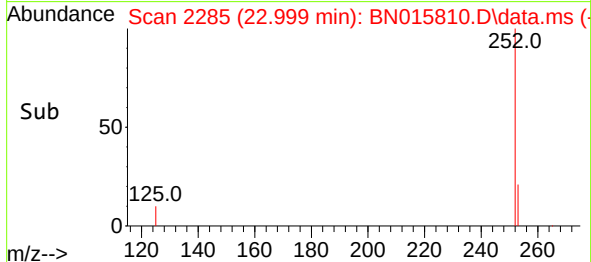
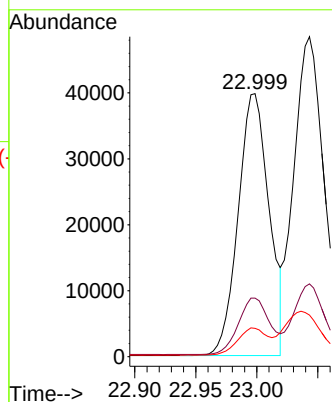
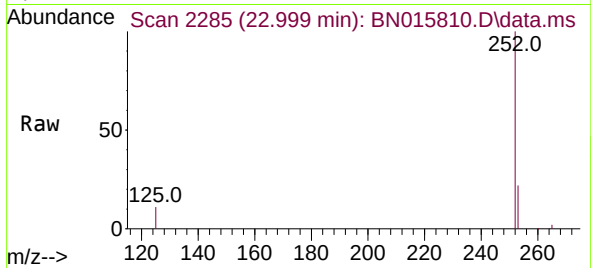




#37  
Benzo(b)fluoranthene  
Concen: 0.17 ng  
RT: 22.999 min Scan# 2285  
Delta R.T. -0.003 min  
Lab File: BN015810.D  
Acq: 05 Aug 2021 03:00

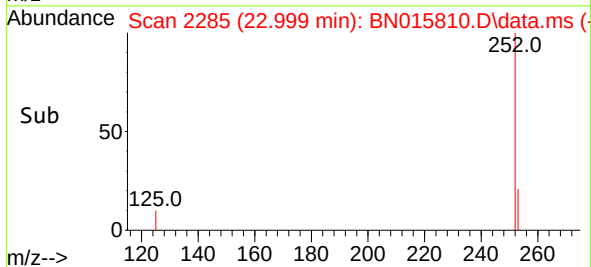
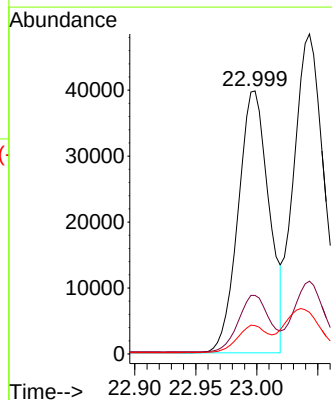
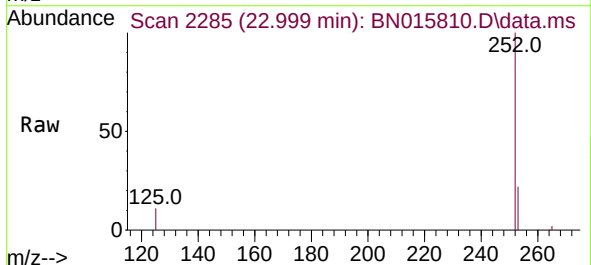
Instrument :  
BNA\_N  
ClientSampleId :  
LOD-MDL-WATER-01-QT1-2021

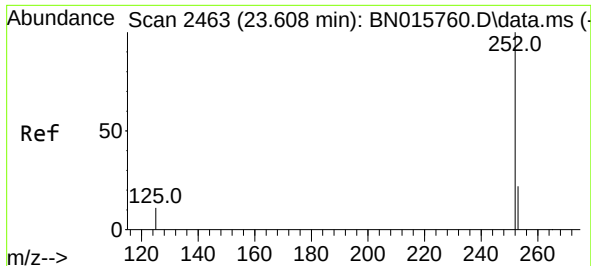
Tgt Ion:252 Resp: 70023  
Ion Ratio Lower Upper  
252 100  
253 22.3 17.7 26.5  
125 10.8 8.2 12.4



#38  
Benzo(k)fluoranthene  
Concen: 0.16 ng  
RT: 22.999 min Scan# 2285  
Delta R.T. -0.051 min  
Lab File: BN015810.D  
Acq: 05 Aug 2021 03:00

Tgt Ion:252 Resp: 70023  
Ion Ratio Lower Upper  
252 100  
253 22.3 17.8 26.6  
125 10.8 8.3 12.5





#39

Benzo(a)pyrene

Concen: 0.16 ng

RT: 23.601 min Scan# 2461

Delta R.T. -0.007 min

Lab File: BN015810.D

Acq: 05 Aug 2021 03:00

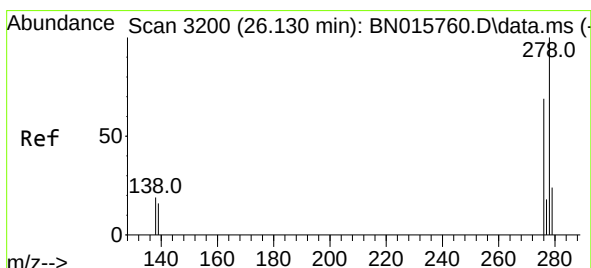
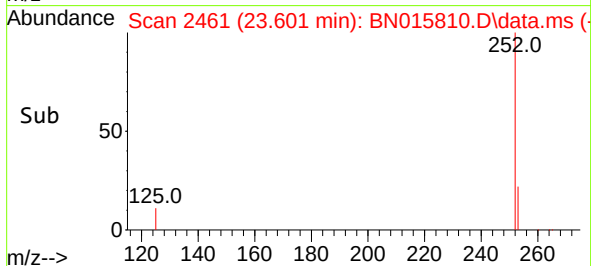
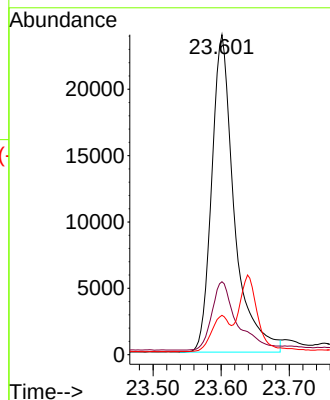
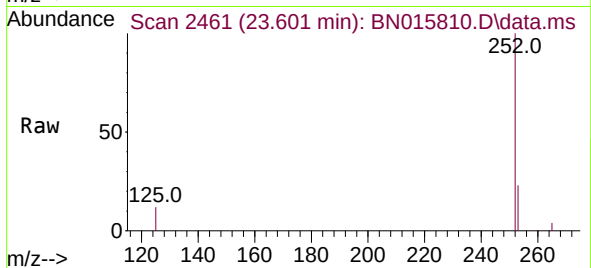
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 252   | Resp: | 55175 |
| Ion Ratio | Lower | Upper |       |
| 252       | 100   |       |       |
| 253       | 22.8  | 17.8  | 26.8  |
| 125       | 12.3  | 9.0   | 13.6  |

Instrument :

BNA\_N

ClientSampleId :

LOD-MDL-WATER-01-QT1-2021



#40

Dibenzo(a,h)anthracene

Concen: 0.16 ng

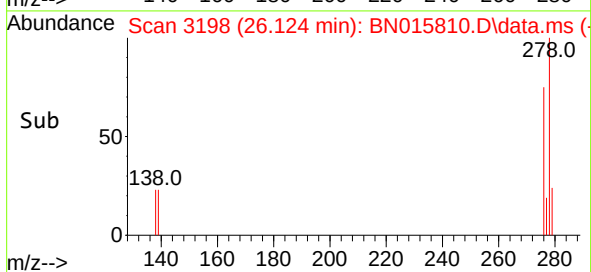
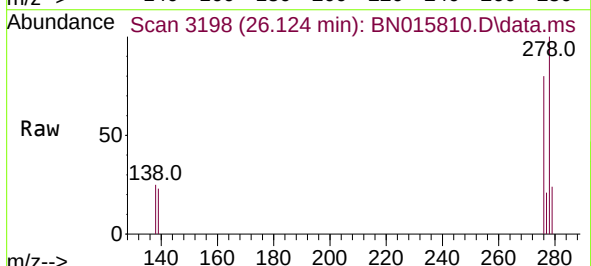
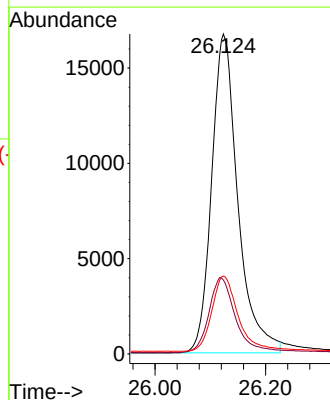
RT: 26.124 min Scan# 3198

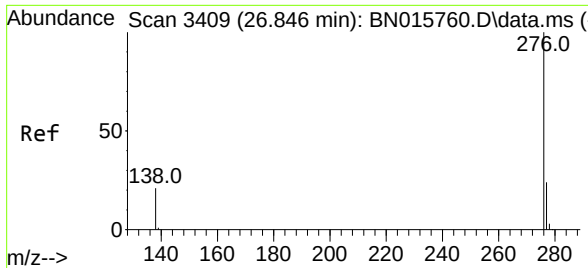
Delta R.T. -0.007 min

Lab File: BN015810.D

Acq: 05 Aug 2021 03:00

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 278   | Resp: | 55107 |
| Ion Ratio | Lower | Upper |       |
| 278       | 100   |       |       |
| 139       | 23.1  | 13.1  | 19.7# |
| 279       | 24.4  | 19.1  | 28.7  |





#41  
Benzo(g,h,i)perylene  
Concen: 0.16 ng  
RT: 26.832 min Scan# 3405  
Delta R.T. -0.014 min  
Lab File: BN015810.D  
Acq: 05 Aug 2021 03:00

Instrument :  
BNA\_N  
ClientSampleId :  
LOD-MDL-WATER-01-QT1-2021

Tgt Ion:276 Resp: 58738  
Ion Ratio Lower Upper  
276 100  
277 24.3 19.0 28.6  
138 22.4 16.6 24.8

