

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN013124\  
 Data File : BN029472.D  
 Acq On : 01 Feb 2024 05:35  
 Operator : MA/JU  
 Sample : 04699-09  
 Misc : MDL-MDL-WATER-0.2NG  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 MDL-WATER-03-QT4-2023

Quant Time: Feb 01 07:14:13 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN012924.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Feb 01 01:51:59 2024  
 Response via : Initial Calibration

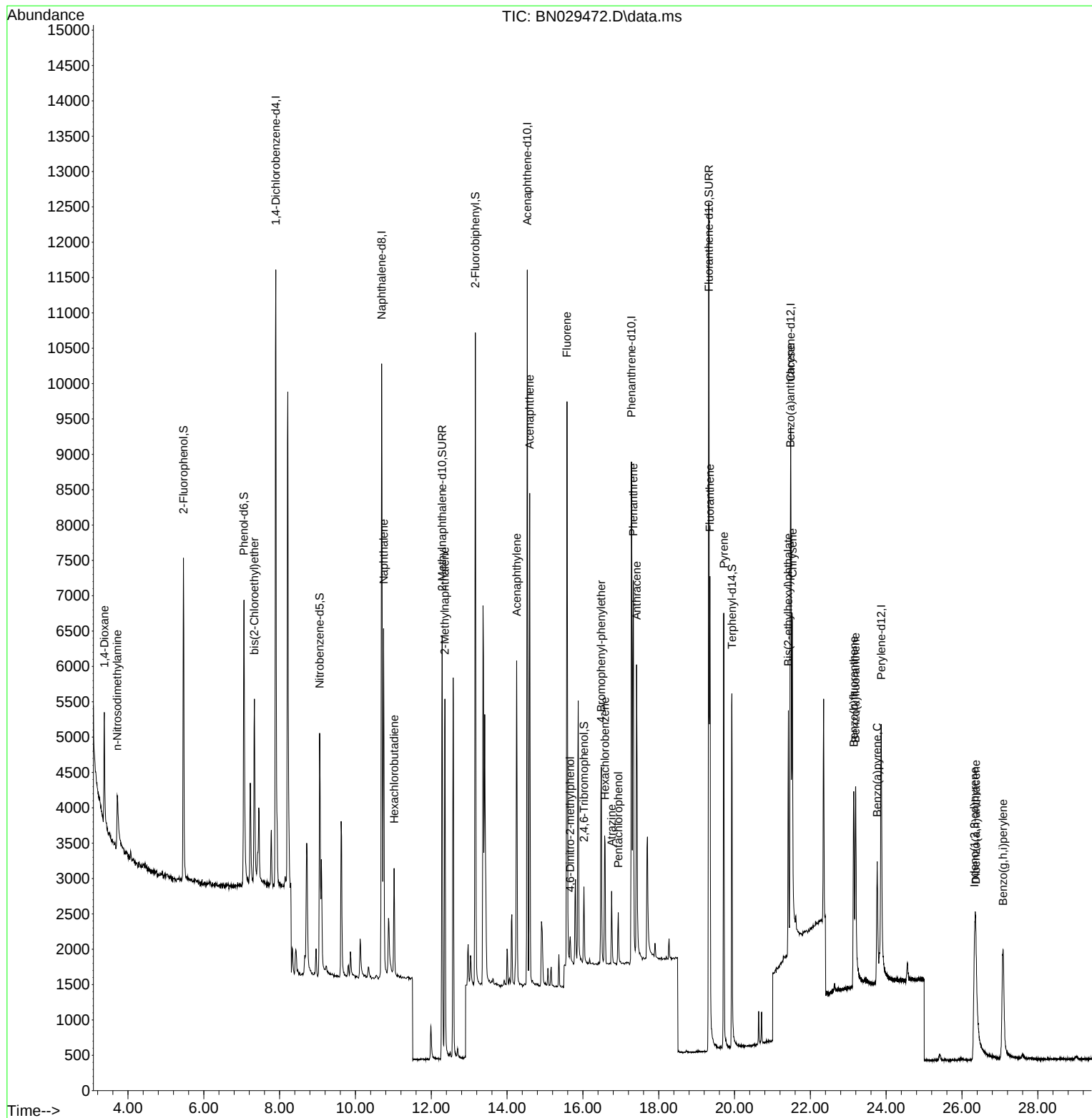
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.898  | 152  | 4333     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.690 | 136  | 11955    | 0.400 | ng    | 0.00     |
| 13) Acenaphthene-d10          | 14.532 | 164  | 5493     | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.280 | 188  | 10492    | 0.400 | ng    | # 0.00   |
| 29) Chrysene-d12              | 21.483 | 240  | 6348     | 0.400 | ng    | 0.00     |
| 35) Perylene-d12              | 23.870 | 264  | 6082     | 0.400 | ng    | 0.00     |
|                               |        |      |          |       |       |          |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.464  | 112  | 3774     | 0.363 | ng    | 0.00     |
| 5) Phenol-d6                  | 7.060  | 99   | 4420     | 0.368 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 9.057  | 82   | 3327     | 0.334 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 12.287 | 152  | 8701     | 0.534 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 16.027 | 330  | 586      | 0.333 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 13.164 | 172  | 8029     | 0.340 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.322 | 212  | 13931    | 0.548 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.931 | 244  | 5534     | 0.351 | ng    | 0.00     |
|                               |        |      |          |       |       |          |
| Target Compounds              |        |      |          |       |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.377  | 88   | 1260     | 0.207 | ng    | 96       |
| 3) n-Nitrosodimethylamine     | 3.716  | 42   | 796      | 0.160 | ng    | # 90     |
| 6) bis(2-Chloroethyl)ether    | 7.334  | 93   | 2202     | 0.192 | ng    | 98       |
| 9) Naphthalene                | 10.744 | 128  | 6344     | 0.186 | ng    | 98       |
| 10) Hexachlorobutadiene       | 11.021 | 225  | 1163     | 0.180 | ng    | # 99     |
| 12) 2-Methylnaphthalene       | 12.359 | 142  | 3672     | 0.184 | ng    | 99       |
| 16) Acenaphthylene            | 14.254 | 152  | 5070     | 0.194 | ng    | 99       |
| 17) Acenaphthene              | 14.597 | 154  | 3282     | 0.187 | ng    | 99       |
| 18) Fluorene                  | 15.580 | 166  | 4082     | 0.186 | ng    | 99       |
| 20) 4,6-Dinitro-2-methylph... | 15.667 | 198  | 247      | 0.160 | ng    | 90       |
| 21) 4-Bromophenyl-phenylether | 16.486 | 248  | 1179     | 0.189 | ng    | # 80     |
| 22) Hexachlorobenzene         | 16.585 | 284  | 1423     | 0.186 | ng    | 100      |
| 23) Atrazine                  | 16.759 | 200  | 878      | 0.198 | ng    | 96       |
| 24) Pentachlorophenol         | 16.933 | 266  | 375      | 0.154 | ng    | 94       |
| 25) Phenanthrene              | 17.330 | 178  | 5975     | 0.193 | ng    | 100      |
| 26) Anthracene                | 17.417 | 178  | 4986     | 0.188 | ng    | 98       |
| 28) Fluoranthene              | 19.350 | 202  | 6012     | 0.172 | ng    | 99       |
| 30) Pyrene                    | 19.717 | 202  | 5915     | 0.202 | ng    | 100      |
| 32) Benzo(a)anthracene        | 21.474 | 228  | 4084     | 0.188 | ng    | 99       |
| 33) Chrysene                  | 21.528 | 228  | 4565     | 0.185 | ng    | 98       |
| 34) Bis(2-ethylhexyl)phtha... | 21.420 | 149  | 2924     | 0.198 | ng    | 98       |
| 36) Indeno(1,2,3-cd)pyrene    | 26.332 | 276  | 4233     | 0.173 | ng    | # 84     |
| 37) Benzo(b)fluoranthene      | 23.145 | 252  | 3970     | 0.183 | ng    | # 85     |
| 38) Benzo(k)fluoranthene      | 23.192 | 252  | 4035     | 0.177 | ng    | # 85     |
| 39) Benzo(a)pyrene            | 23.762 | 252  | 3522     | 0.186 | ng    | # 81     |
| 40) Dibenzo(a,h)anthracene    | 26.364 | 278  | 3395     | 0.174 | ng    | # 90     |
| 41) Benzo(g,h,i)perylene      | 27.086 | 276  | 3955     | 0.167 | ng    | 94       |
| -----                         |        |      |          |       |       |          |

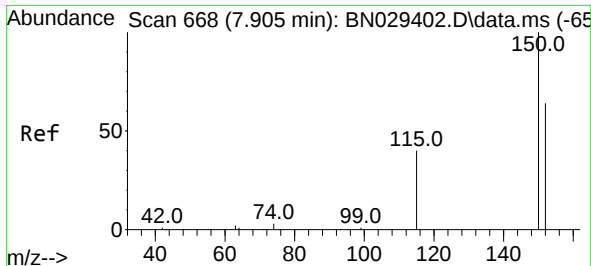
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN013124\  
Data File : BN029472.D  
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Operator : MA/JU  
Sample : 04699-09  
Misc : MDL-MDL-WATER-0.2NG  
ALS Vial : 22 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
MDL-WATER-03-QT4-2023

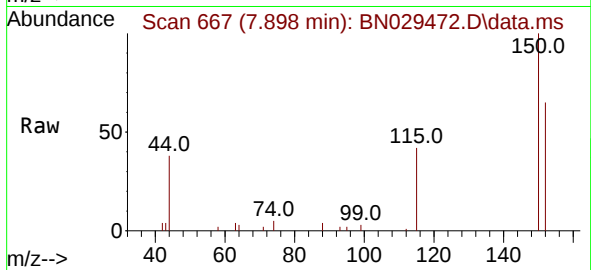
Quant Time: Feb 01 07:14:13 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN012924.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
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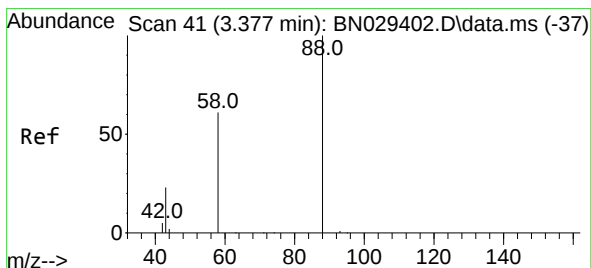
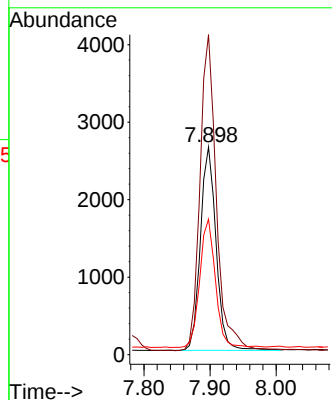
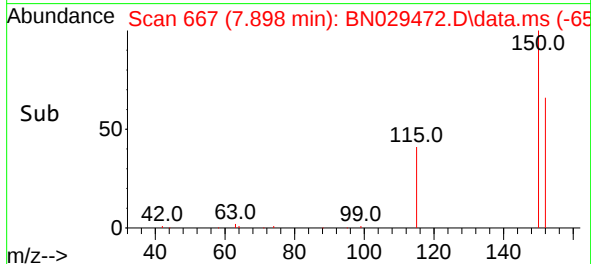


#1  
1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 7.898 min Scan# 61  
Delta R.T. -0.000 min  
Lab File: BN029472.D  
Acq: 01 Feb 2024 05:35

Instrument :  
BNA\_N  
ClientSampleId :  
MDL-WATER-03-QT4-2023

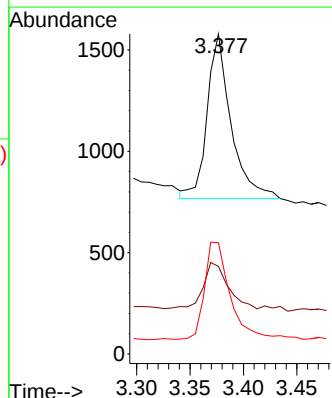
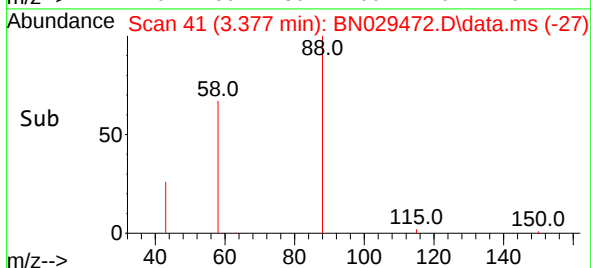
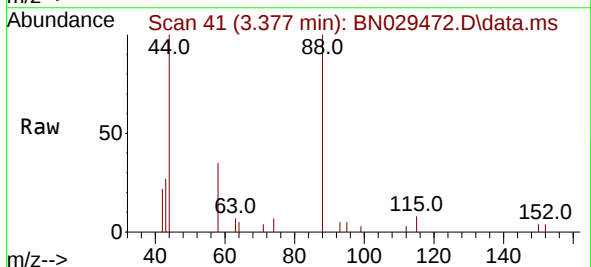


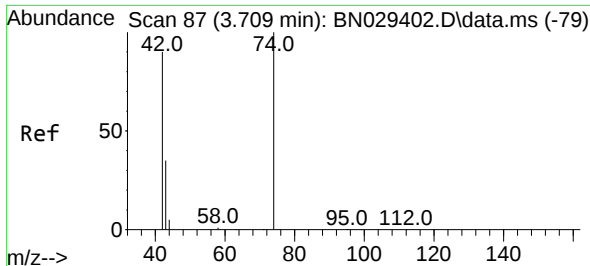
Tgt Ion:152 Resp: 4333  
Ion Ratio Lower Upper  
152 100  
150 154.1 123.0 184.4  
115 65.3 51.4 77.0



#2  
1,4-Dioxane  
Concen: 0.207 ng  
RT: 3.377 min Scan# 41  
Delta R.T. -0.000 min  
Lab File: BN029472.D  
Acq: 01 Feb 2024 05:35

Tgt Ion: 88 Resp: 1260  
Ion Ratio Lower Upper  
88 100  
43 29.0 23.3 34.9  
58 62.3 53.8 80.6

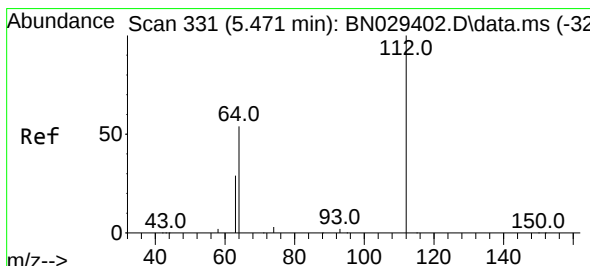
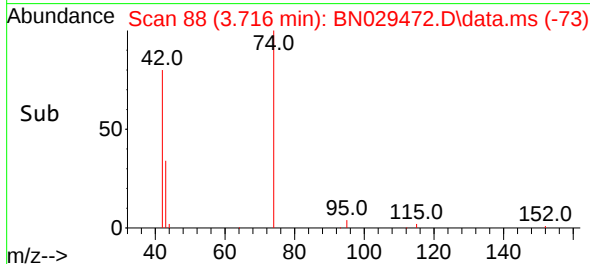
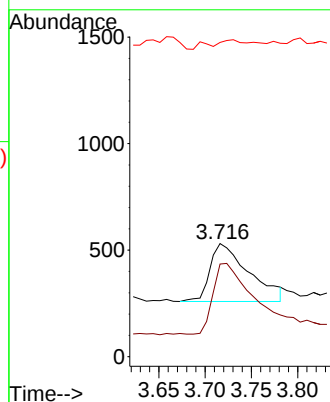
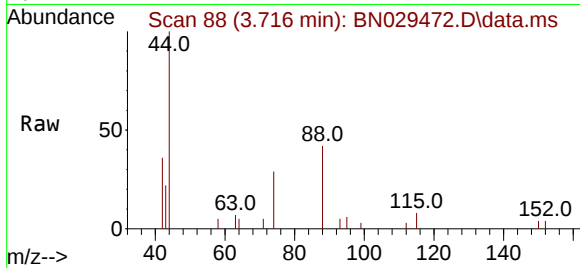




#3  
n-Nitrosodimethylamine  
Concen: 0.160 ng  
RT: 3.716 min Scan# 81  
Delta R.T. 0.007 min  
Lab File: BN029472.D  
Acq: 01 Feb 2024 05:35

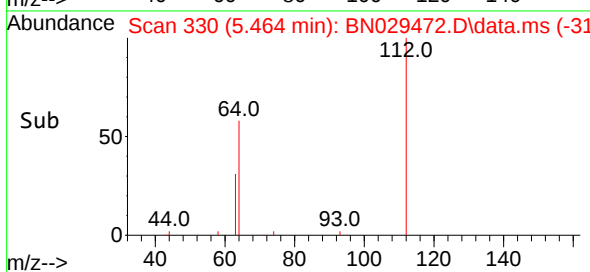
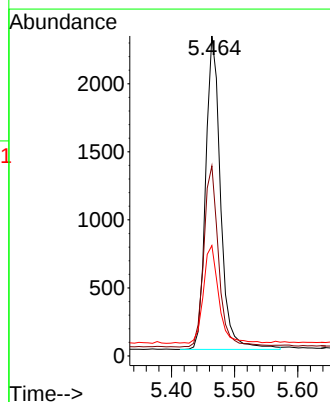
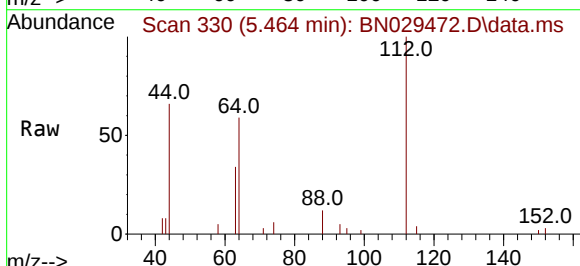
Instrument :  
BNA\_N  
ClientSampleId :  
MDL-WATER-03-QT4-2023

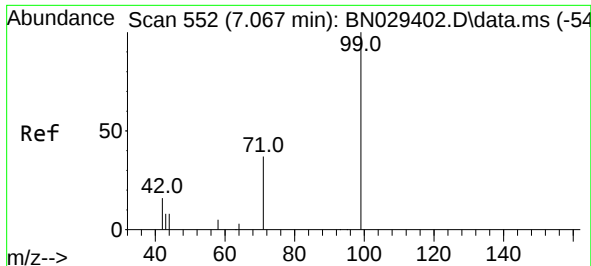
Tgt Ion: 42 Resp: 796  
Ion Ratio Lower Upper  
42 100  
74 125.5 93.7 140.5  
44 6.2 13.0 19.4#



#4  
2-Fluorophenol  
Concen: 0.363 ng  
RT: 5.464 min Scan# 330  
Delta R.T. -0.000 min  
Lab File: BN029472.D  
Acq: 01 Feb 2024 05:35

Tgt Ion: 112 Resp: 3774  
Ion Ratio Lower Upper  
112 100  
64 57.7 47.2 70.8  
63 31.5 25.8 38.6

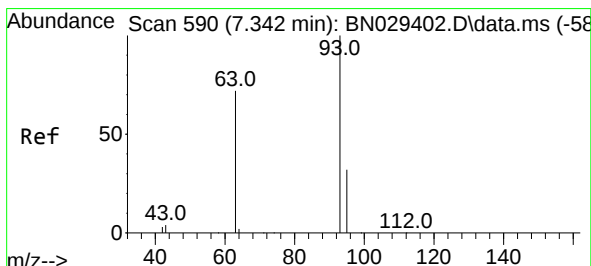
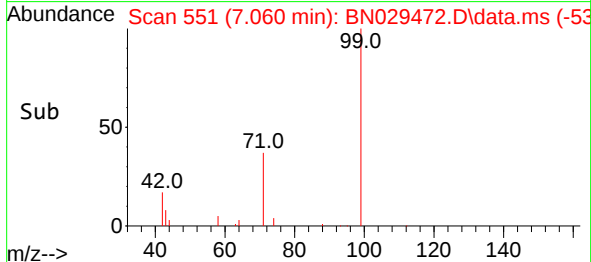
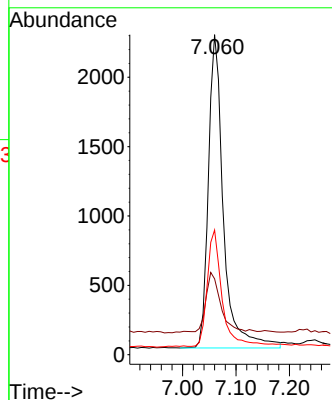
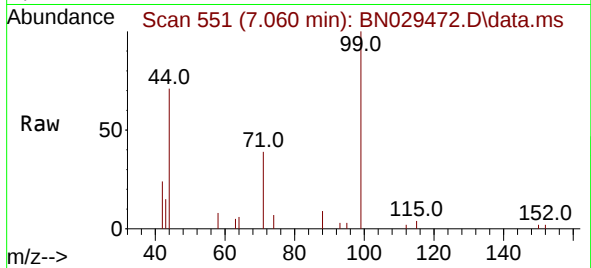




#5  
Phenol-d6  
Concen: 0.368 ng  
RT: 7.060 min Scan# 51  
Delta R.T. -0.000 min  
Lab File: BN029472.D  
Acq: 01 Feb 2024 05:35

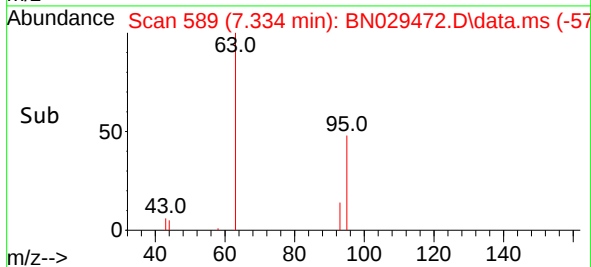
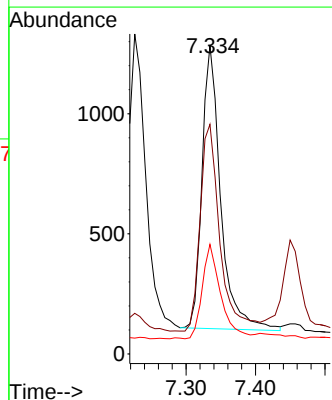
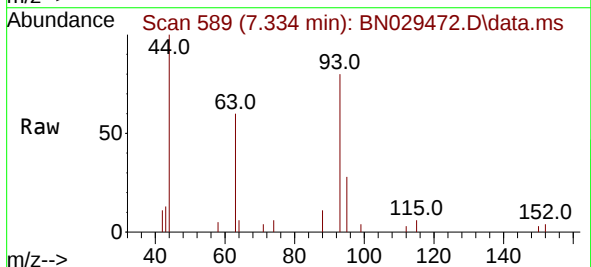
Instrument :  
BNA\_N  
ClientSampleId :  
MDL-WATER-03-QT4-2023

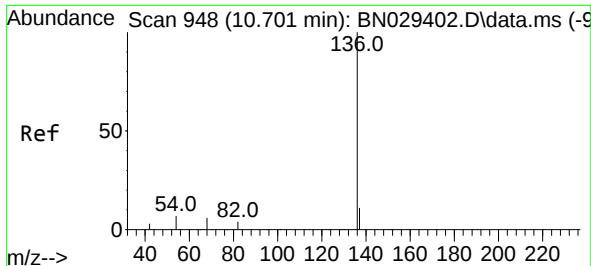
Tgt Ion: 99 Resp: 4420  
Ion Ratio Lower Upper  
99 100  
42 19.3 16.9 25.3  
71 36.8 30.0 45.0



#6  
bis(2-Chloroethyl)ether  
Concen: 0.192 ng  
RT: 7.334 min Scan# 589  
Delta R.T. -0.000 min  
Lab File: BN029472.D  
Acq: 01 Feb 2024 05:35

Tgt Ion: 93 Resp: 2202  
Ion Ratio Lower Upper  
93 100  
63 77.5 63.1 94.7  
95 32.9 27.1 40.7

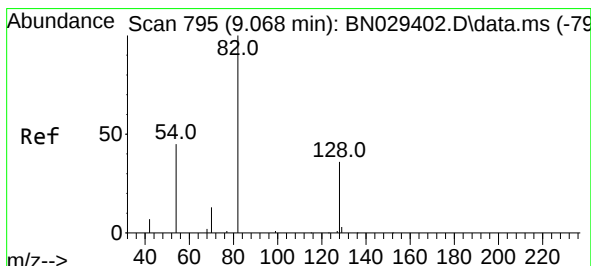
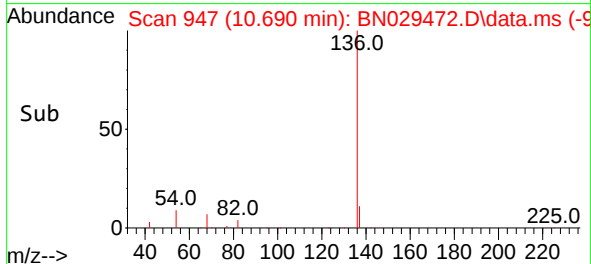
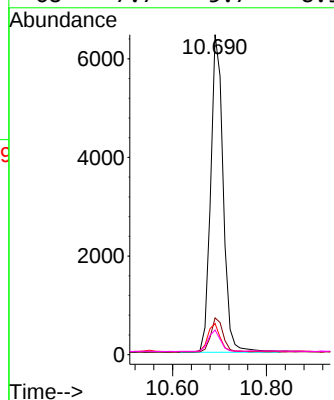
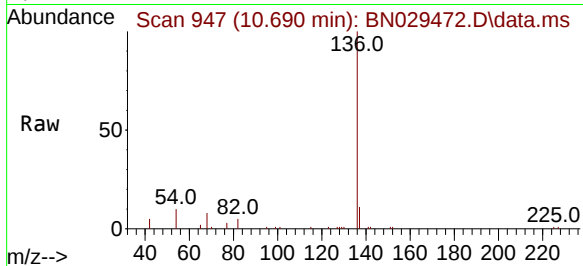




#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.690 min Scan# 948  
Delta R.T. -0.000 min  
Lab File: BN029472.D  
Acq: 01 Feb 2024 05:35

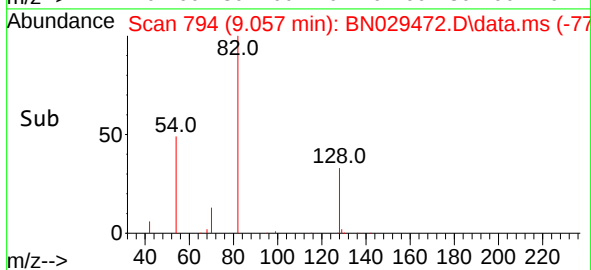
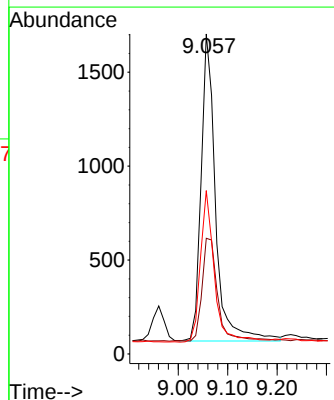
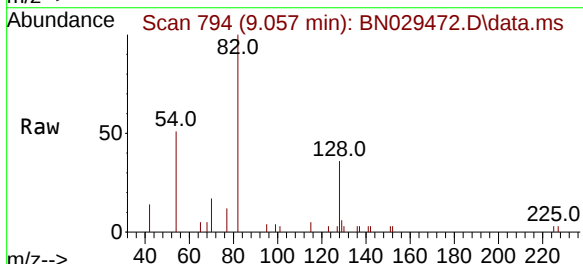
Instrument :  
BNA\_N  
ClientSampleId :  
MDL-WATER-03-QT4-2023

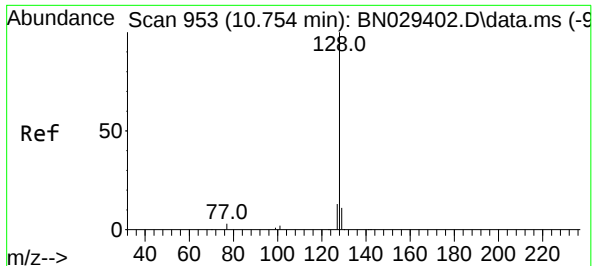
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|----------|-------|-------|-------|
| Tgt Ion: | 136   | Resp: | 11955 |
| Ion      | Ratio | Lower | Upper |
| 136      | 100   |       |       |
| 137      | 11.5  | 9.7   | 14.5  |
| 54       | 9.8   | 6.6   | 10.0  |
| 68       | 7.7   | 5.7   | 8.5   |



#8  
Nitrobenzene-d5  
Concen: 0.334 ng  
RT: 9.057 min Scan# 794  
Delta R.T. -0.000 min  
Lab File: BN029472.D  
Acq: 01 Feb 2024 05:35

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 82    | Resp: | 3327  |
| Ion      | Ratio | Lower | Upper |
| 82       | 100   |       |       |
| 128      | 36.2  | 31.6  | 47.4  |
| 54       | 51.1  | 38.2  | 57.4  |

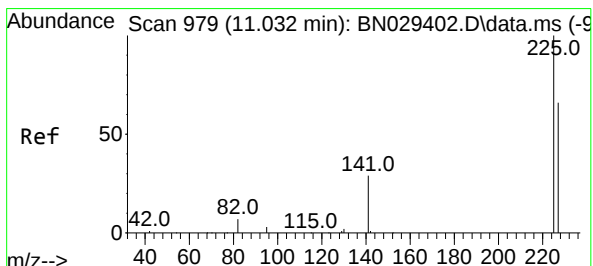
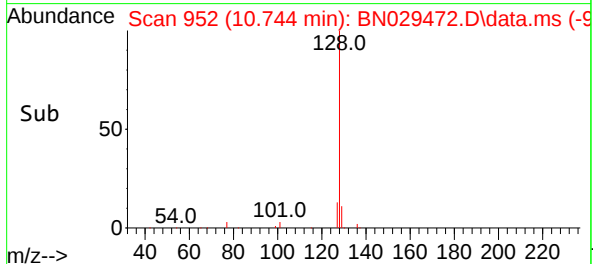
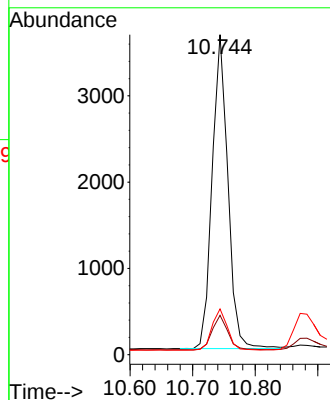
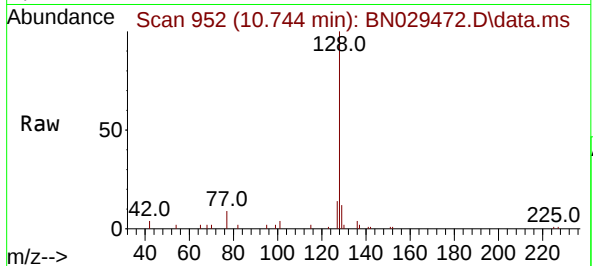




#9  
Naphthalene  
Concen: 0.186 ng  
RT: 10.744 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: BN029472.D  
Acq: 01 Feb 2024 05:35

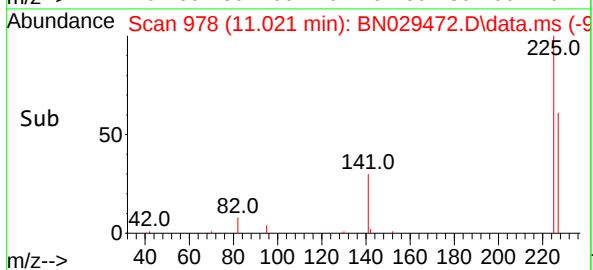
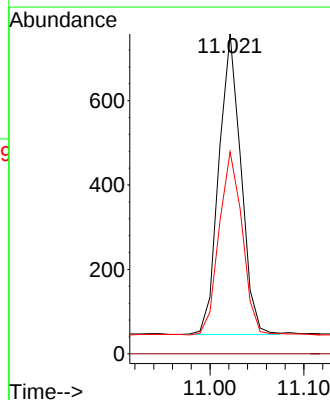
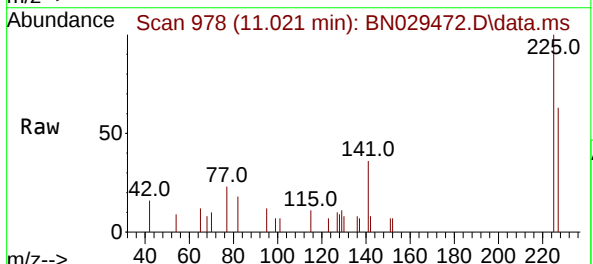
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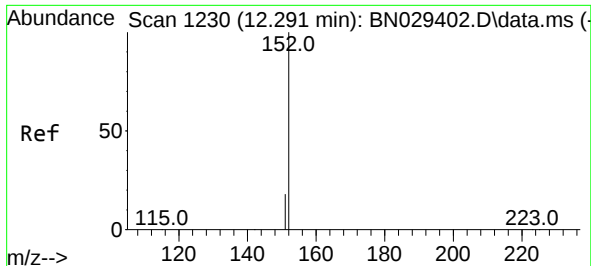
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|-------------|-------------|
| Tgt Ion:128 | Resp: 6344  |
| Ion Ratio   | Lower Upper |
| 128 100     |             |
| 129 12.3    | 9.5 14.3    |
| 127 14.3    | 10.8 16.2   |



#10  
Hexachlorobutadiene  
Concen: 0.180 ng  
RT: 11.021 min Scan# 978  
Delta R.T. -0.000 min  
Lab File: BN029472.D  
Acq: 01 Feb 2024 05:35

|             |             |
|-------------|-------------|
| Tgt Ion:225 | Resp: 1163  |
| Ion Ratio   | Lower Upper |
| 225 100     |             |
| 223 0.0     | 0.0 0.0     |
| 227 63.0    | 51.1 76.7   |

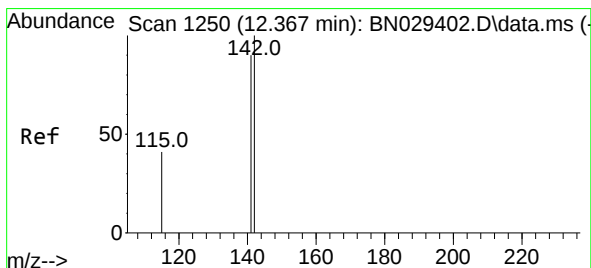
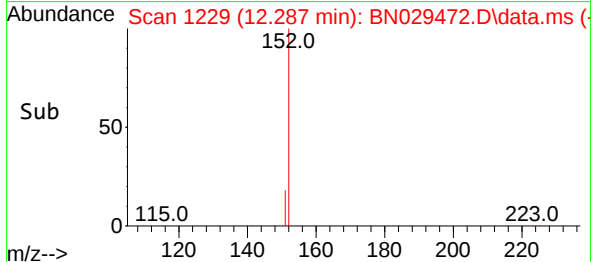
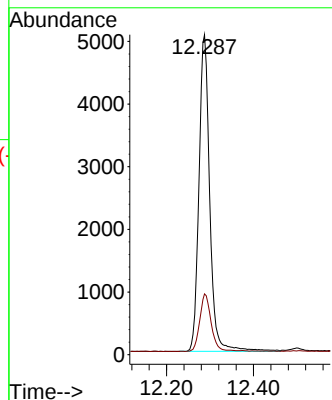
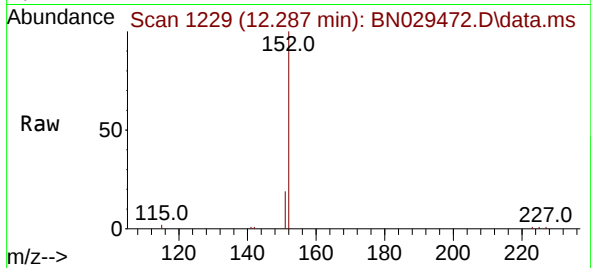




#11  
2-Methylnaphthalene-d10  
Concen: 0.534 ng  
RT: 12.287 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BN029472.D  
Acq: 01 Feb 2024 05:35

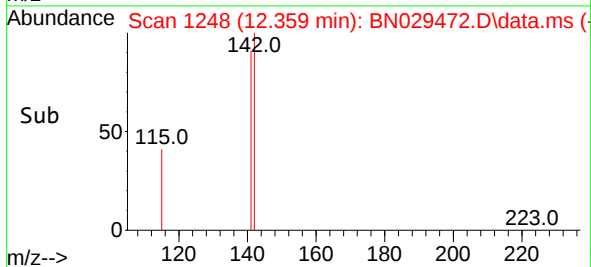
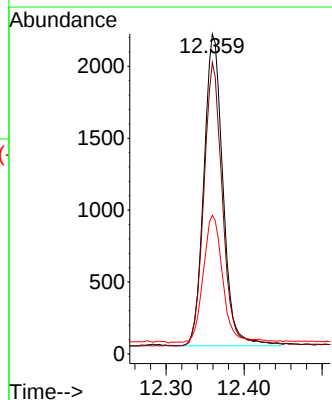
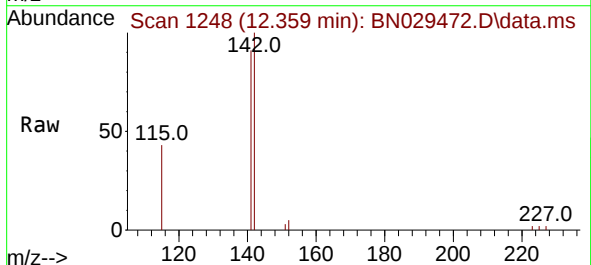
Instrument :  
BNA\_N  
ClientSampleId :  
MDL-WATER-03-QT4-2023

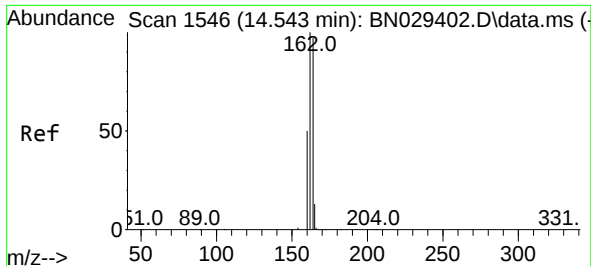
Tgt Ion:152 Resp: 8701  
Ion Ratio Lower Upper  
152 100  
151 19.2 17.1 25.7



#12  
2-Methylnaphthalene  
Concen: 0.184 ng  
RT: 12.359 min Scan# 1248  
Delta R.T. -0.000 min  
Lab File: BN029472.D  
Acq: 01 Feb 2024 05:35

Tgt Ion:142 Resp: 3672  
Ion Ratio Lower Upper  
142 100  
141 91.1 71.9 107.9  
115 43.3 33.9 50.9

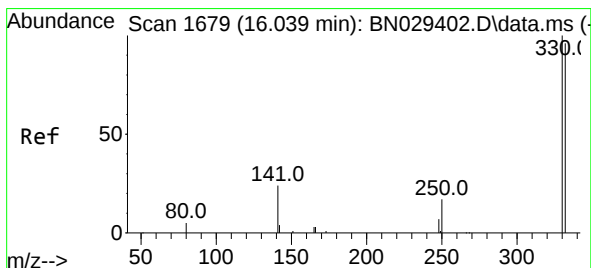
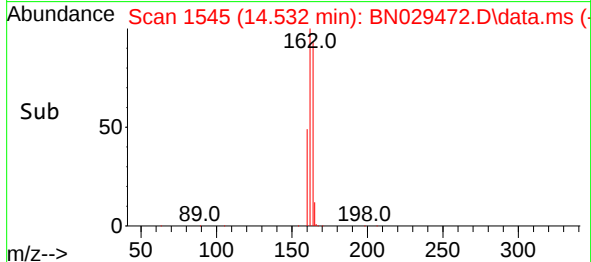
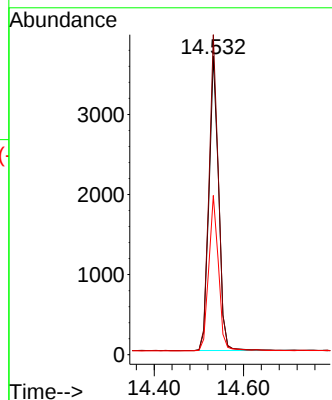
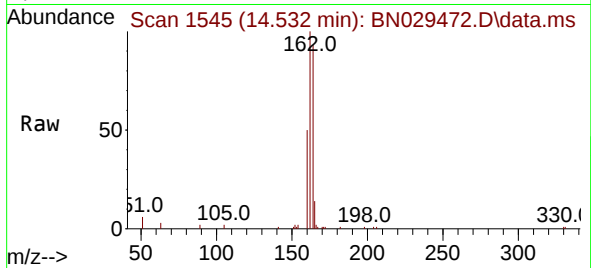




#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.532 min Scan# 1545  
Delta R.T. -0.000 min  
Lab File: BN029472.D  
Acq: 01 Feb 2024 05:35

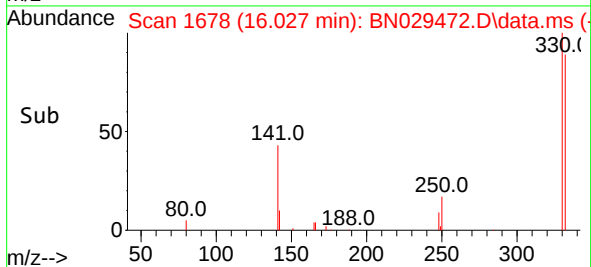
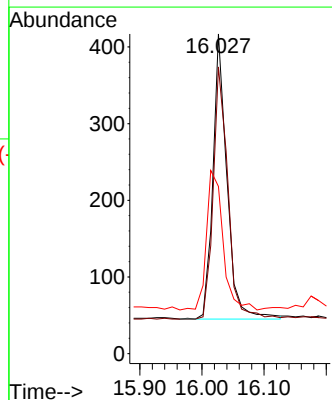
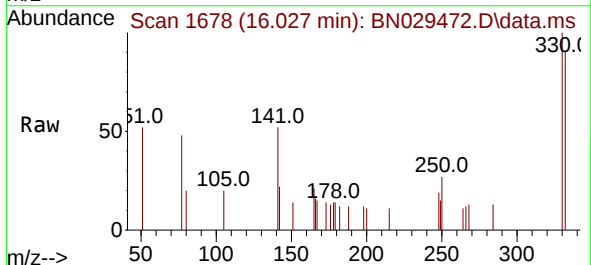
Instrument :  
BNA\_N  
ClientSampleId :  
MDL-WATER-03-QT4-2023

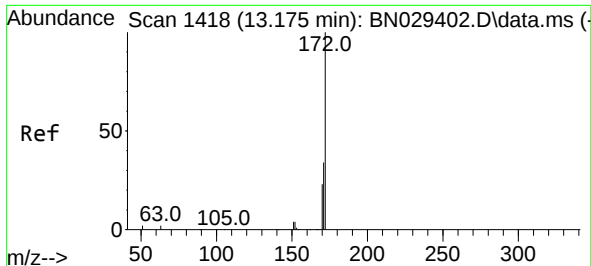
Tgt Ion:164 Resp: 5493  
Ion Ratio Lower Upper  
164 100  
162 107.1 82.6 123.8  
160 53.3 41.5 62.3



#14  
2,4,6-Tribromophenol  
Concen: 0.333 ng  
RT: 16.027 min Scan# 1678  
Delta R.T. -0.000 min  
Lab File: BN029472.D  
Acq: 01 Feb 2024 05:35

Tgt Ion:330 Resp: 586  
Ion Ratio Lower Upper  
330 100  
332 92.5 76.0 114.0  
141 57.3 43.4 65.2

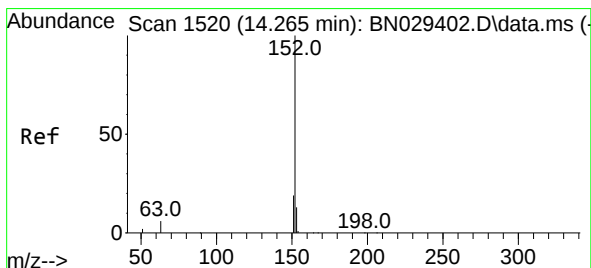
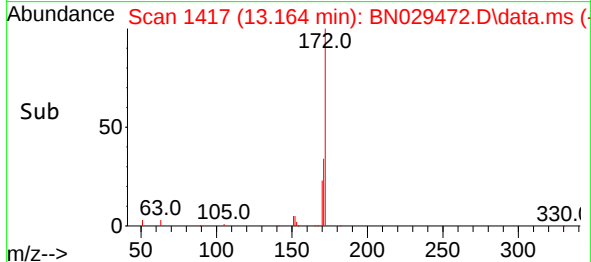
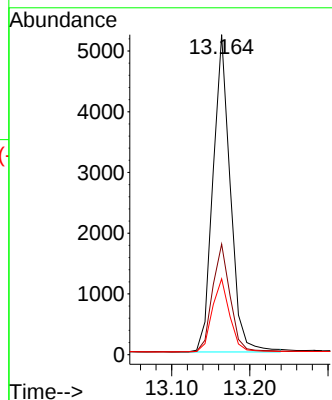
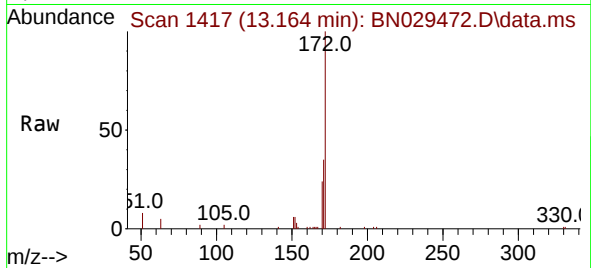




#15  
2-Fluorobiphenyl  
Concen: 0.340 ng  
RT: 13.164 min Scan# 1417  
Delta R.T. -0.000 min  
Lab File: BN029472.D  
Acq: 01 Feb 2024 05:35

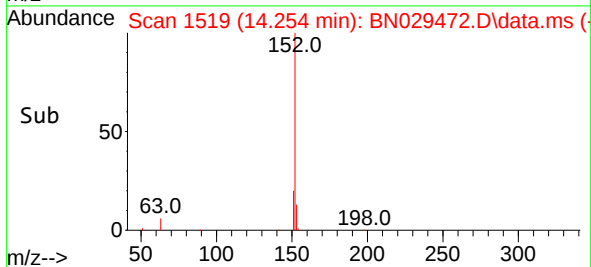
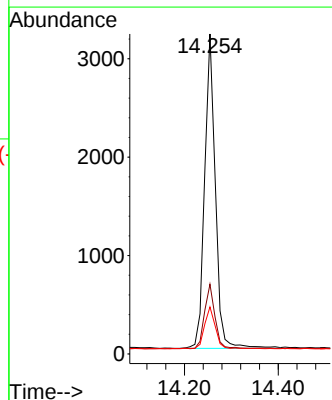
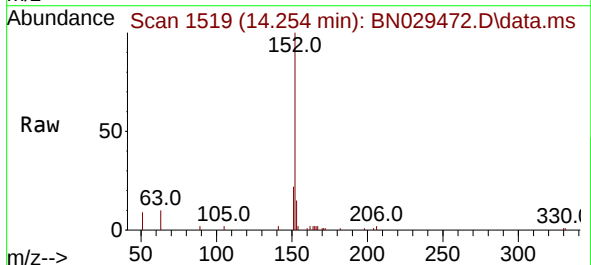
Instrument :  
BNA\_N  
ClientSampleId :  
MDL-WATER-03-QT4-2023

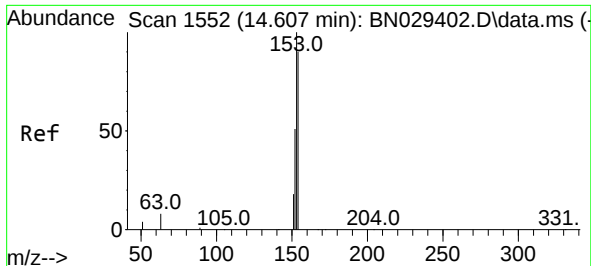
Tgt Ion:172 Resp: 8029  
Ion Ratio Lower Upper  
172 100  
171 34.6 28.0 42.0  
170 23.7 18.7 28.1



#16  
Acenaphthylene  
Concen: 0.194 ng  
RT: 14.254 min Scan# 1519  
Delta R.T. -0.000 min  
Lab File: BN029472.D  
Acq: 01 Feb 2024 05:35

Tgt Ion:152 Resp: 5070  
Ion Ratio Lower Upper  
152 100  
151 20.0 15.9 23.9  
153 13.8 10.5 15.7

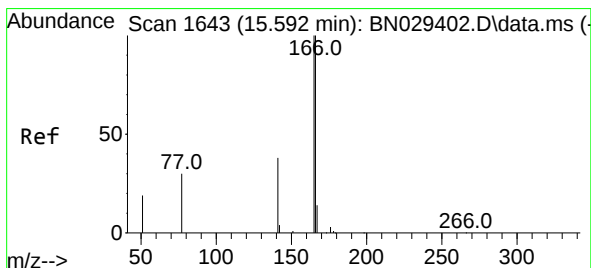
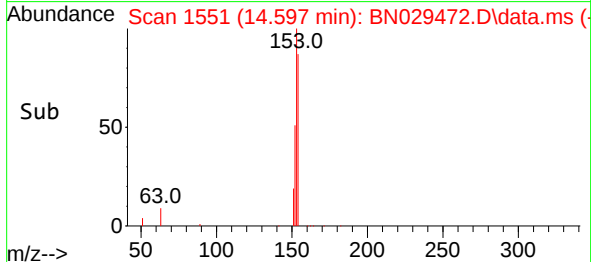
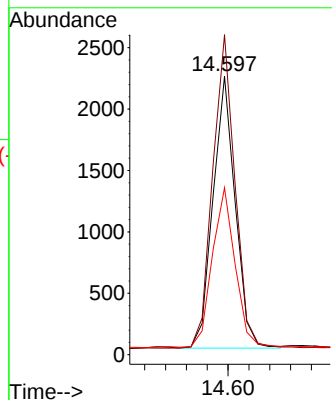
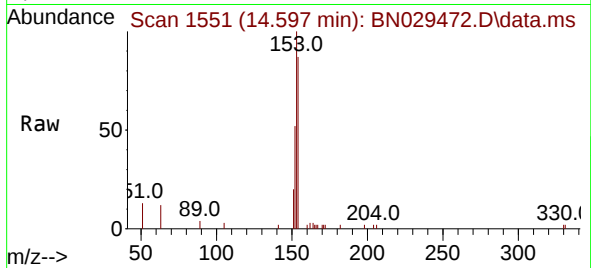




#17  
Acenaphthene  
Concen: 0.187 ng  
RT: 14.597 min Scan# 1551  
Delta R.T. -0.000 min  
Lab File: BN029472.D  
Acq: 01 Feb 2024 05:35

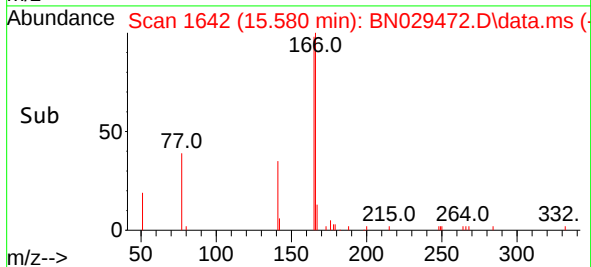
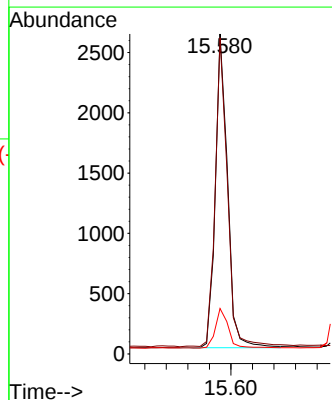
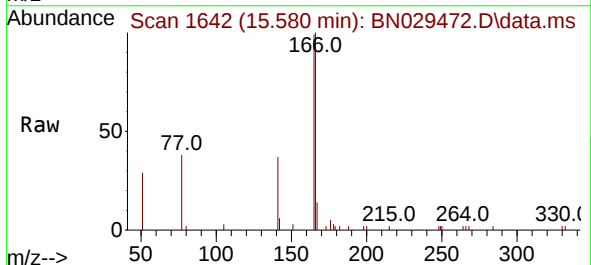
Instrument :  
BNA\_N  
ClientSampleId :  
MDL-WATER-03-QT4-2023

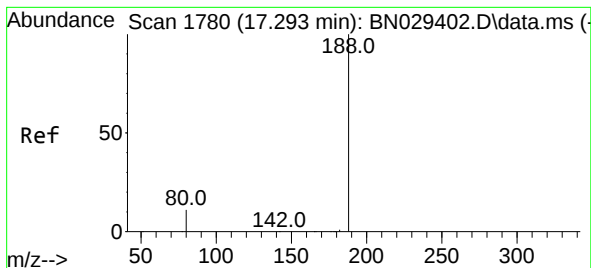
Tgt Ion:154 Resp: 3282  
Ion Ratio Lower Upper  
154 100  
153 116.1 93.6 140.4  
152 61.9 48.6 73.0



#18  
Fluorene  
Concen: 0.186 ng  
RT: 15.580 min Scan# 1642  
Delta R.T. -0.000 min  
Lab File: BN029472.D  
Acq: 01 Feb 2024 05:35

Tgt Ion:166 Resp: 4082  
Ion Ratio Lower Upper  
166 100  
165 99.5 79.9 119.9  
167 13.4 11.3 16.9





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.280 min Scan# 1

Delta R.T. -0.000 min

Lab File: BN029472.D

Acq: 01 Feb 2024 05:35

Instrument :

BNA\_N

ClientSampleId :

MDL-WATER-03-QT4-2023

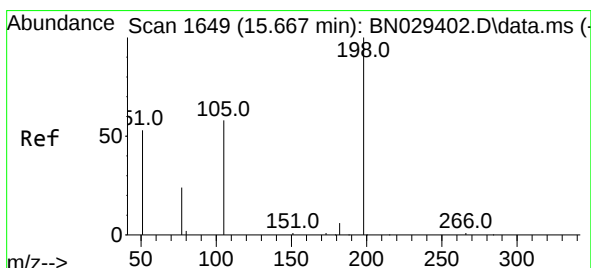
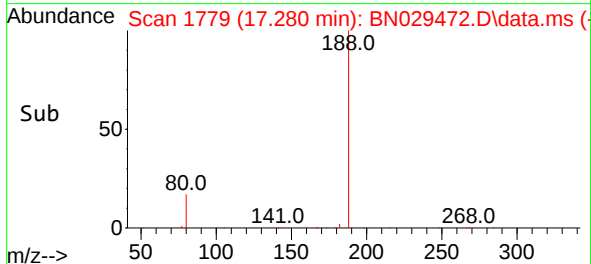
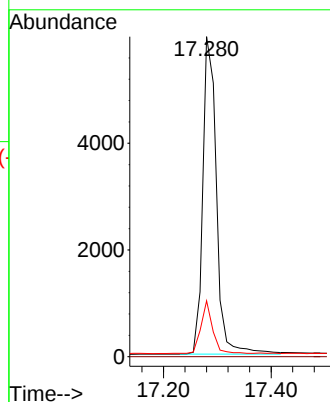
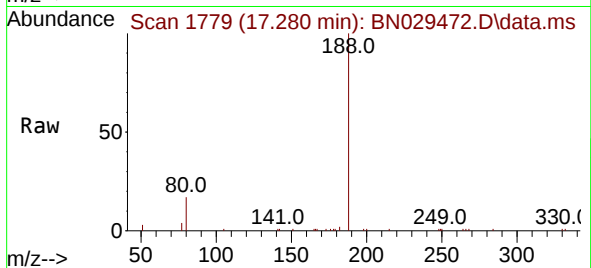
Tgt Ion:188 Resp: 10492

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 17.5 10.0 15.0#



#20

4,6-Dinitro-2-methylphenol

Concen: 0.160 ng

RT: 15.667 min Scan# 1649

Delta R.T. -0.000 min

Lab File: BN029472.D

Acq: 01 Feb 2024 05:35

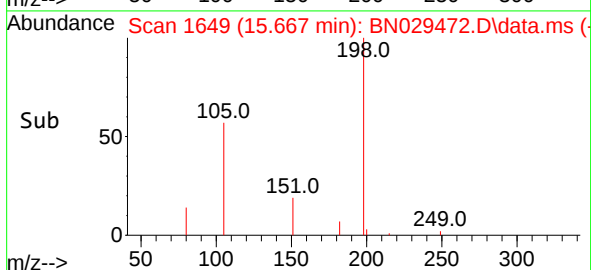
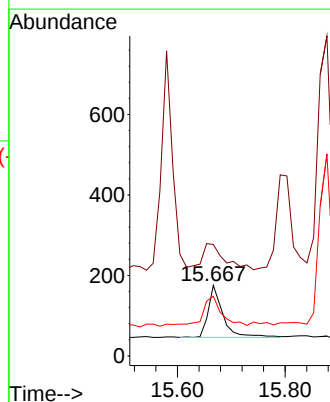
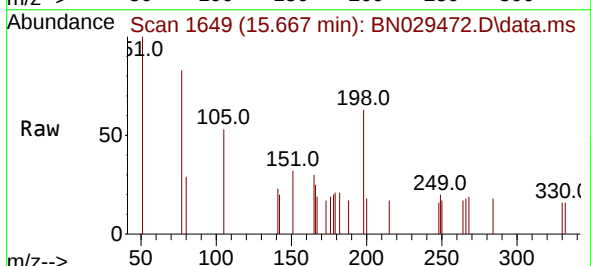
Tgt Ion:198 Resp: 247

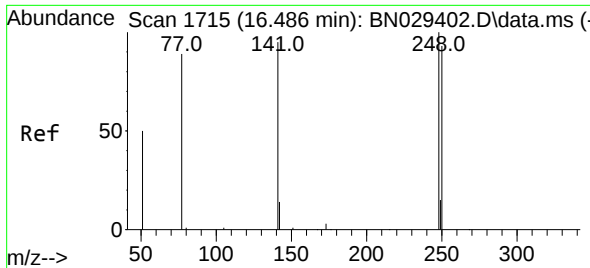
Ion Ratio Lower Upper

198 100

51 158.3 111.0 166.6

105 84.6 67.0 100.6

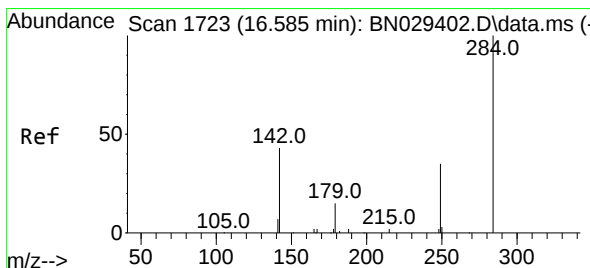
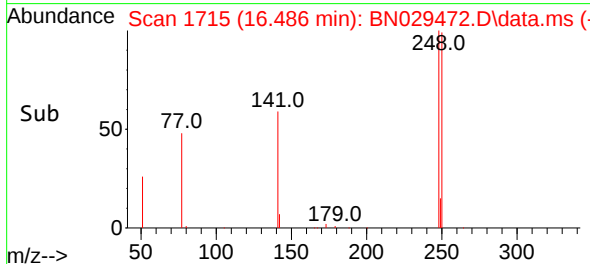
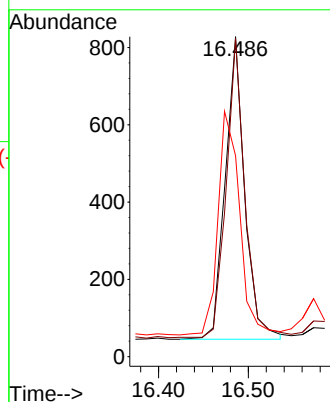
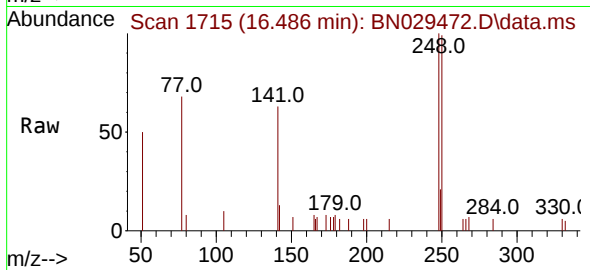




#21  
4-Bromophenyl-phenylether  
Concen: 0.189 ng  
RT: 16.486 min Scan# 1715  
Delta R.T. -0.000 min  
Lab File: BN029472.D  
Acq: 01 Feb 2024 05:35

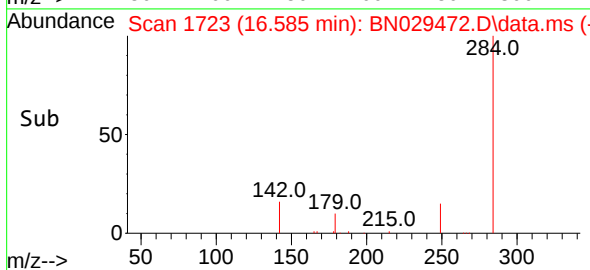
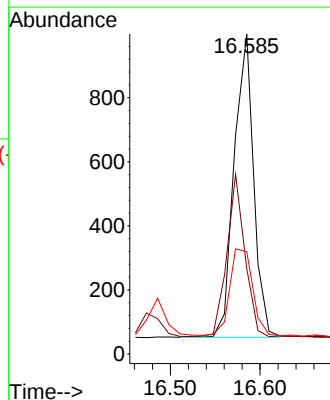
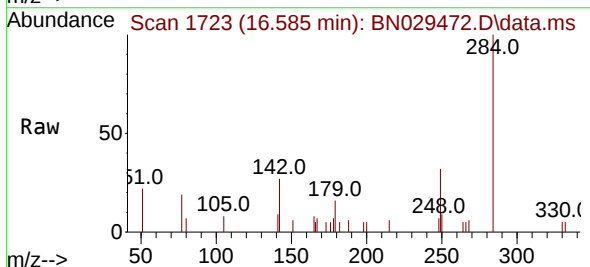
Instrument :  
BNA\_N  
ClientSampleId :  
MDL-WATER-03-QT4-2023

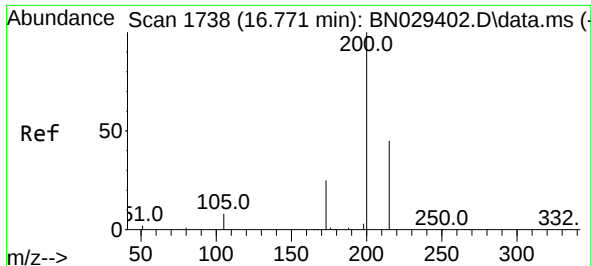
Tgt Ion:248 Resp: 1179  
Ion Ratio Lower Upper  
248 100  
250 99.4 75.0 112.4  
141 62.8 77.0 115.6#



#22  
Hexachlorobenzene  
Concen: 0.186 ng  
RT: 16.585 min Scan# 1723  
Delta R.T. -0.000 min  
Lab File: BN029472.D  
Acq: 01 Feb 2024 05:35

Tgt Ion:284 Resp: 1423  
Ion Ratio Lower Upper  
284 100  
142 49.4 39.4 59.2  
249 33.5 26.9 40.3

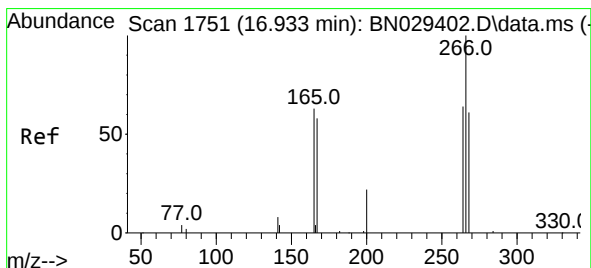
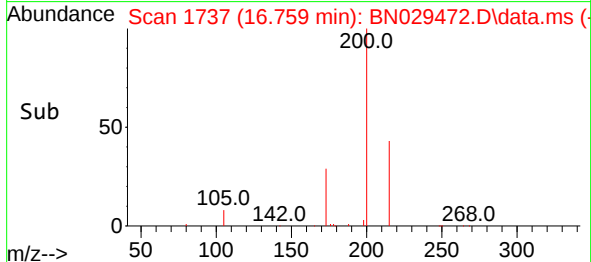
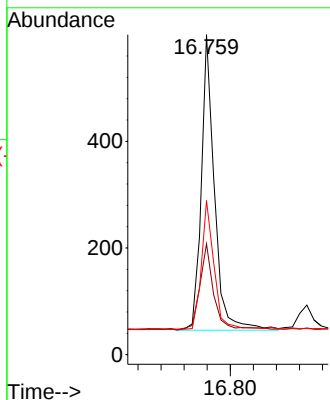
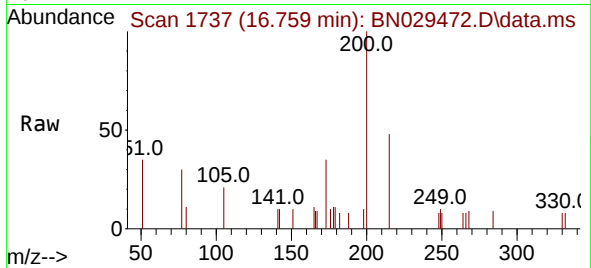




#23  
Atrazine  
Concen: 0.198 ng  
RT: 16.759 min Scan# 1737  
Delta R.T. -0.000 min  
Lab File: BN029472.D  
Acq: 01 Feb 2024 05:35

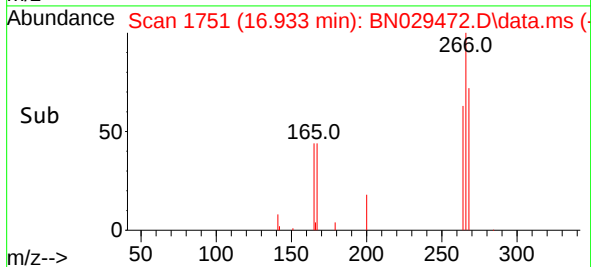
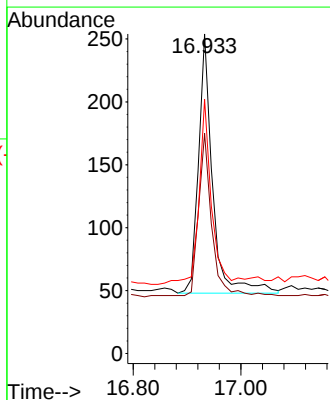
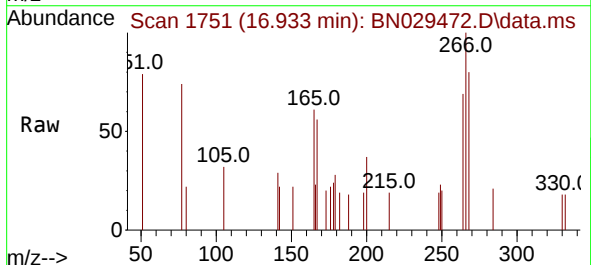
Instrument :  
BNA\_N  
ClientSampleId :  
MDL-WATER-03-QT4-2023

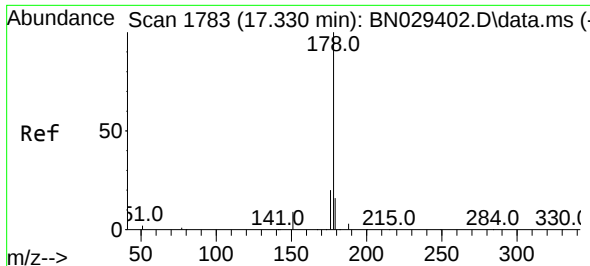
Tgt Ion:200 Resp: 878  
Ion Ratio Lower Upper  
200 100  
173 34.7 23.4 35.0  
215 48.2 38.4 57.6



#24  
Pentachlorophenol  
Concen: 0.154 ng  
RT: 16.933 min Scan# 1751  
Delta R.T. -0.000 min  
Lab File: BN029472.D  
Acq: 01 Feb 2024 05:35

Tgt Ion:266 Resp: 375  
Ion Ratio Lower Upper  
266 100  
264 57.9 50.8 76.2  
268 61.3 51.5 77.3

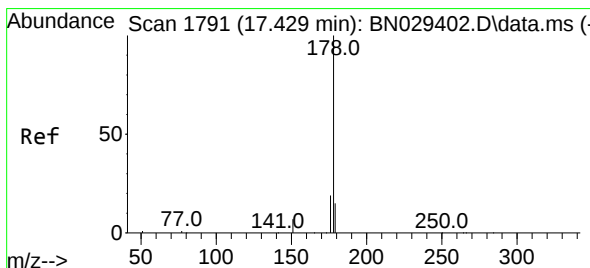
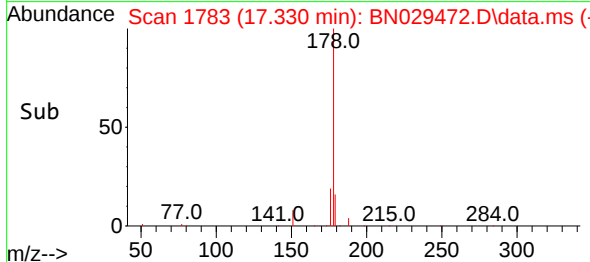
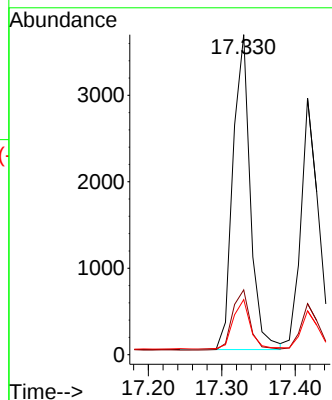
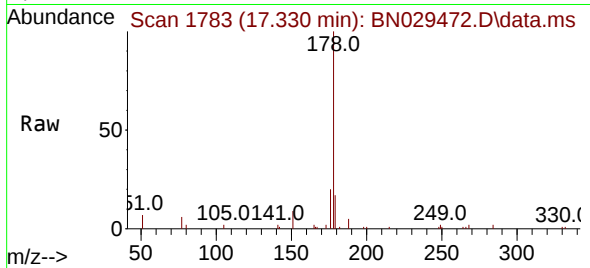




#25  
Phenanthrene  
Concen: 0.193 ng  
RT: 17.330 min Scan# 1783  
Delta R.T. -0.000 min  
Lab File: BN029472.D  
Acq: 01 Feb 2024 05:35

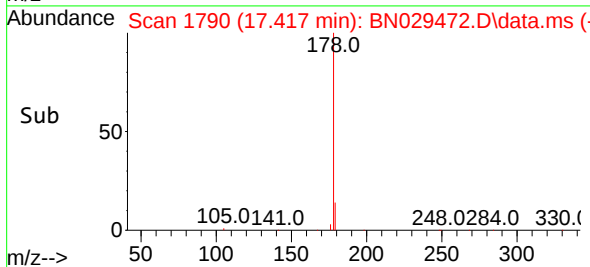
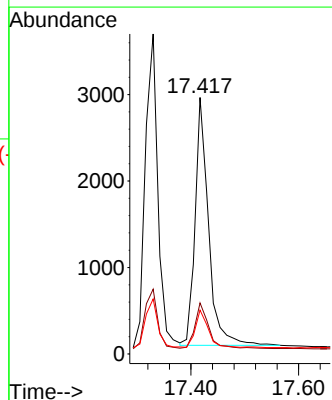
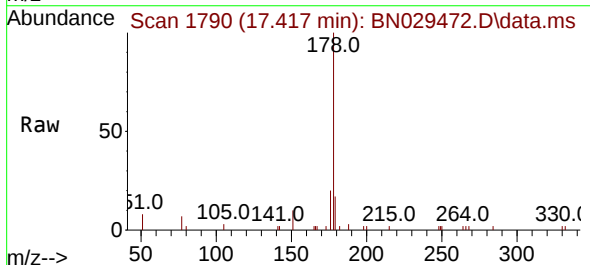
Instrument :  
BNA\_N  
ClientSampleId :  
MDL-WATER-03-QT4-2023

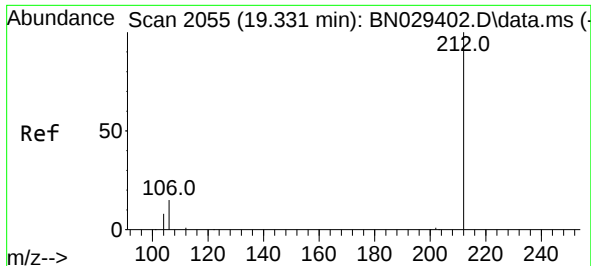
Tgt Ion:178 Resp: 5975  
Ion Ratio Lower Upper  
178 100  
176 19.5 15.8 23.6  
179 15.7 12.6 19.0



#26  
Anthracene  
Concen: 0.188 ng  
RT: 17.417 min Scan# 1790  
Delta R.T. -0.000 min  
Lab File: BN029472.D  
Acq: 01 Feb 2024 05:35

Tgt Ion:178 Resp: 4986  
Ion Ratio Lower Upper  
178 100  
176 18.7 15.0 22.4  
179 13.8 12.3 18.5

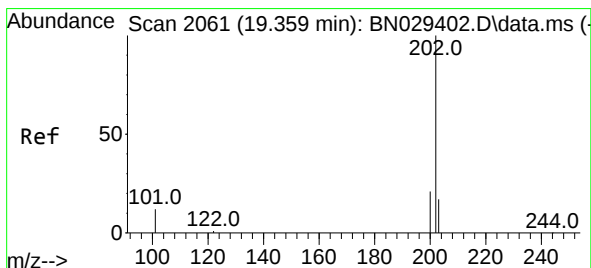
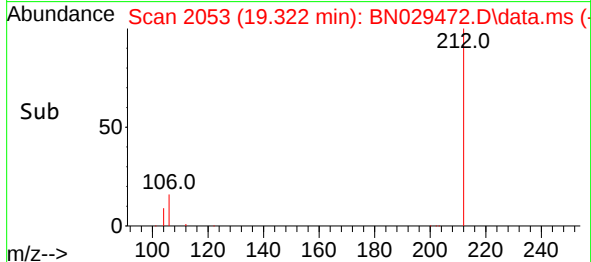
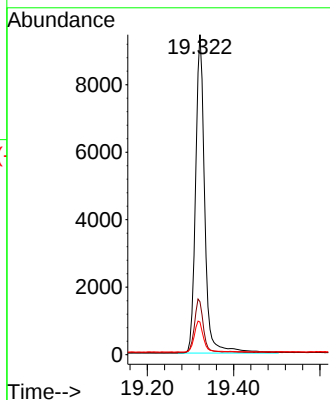
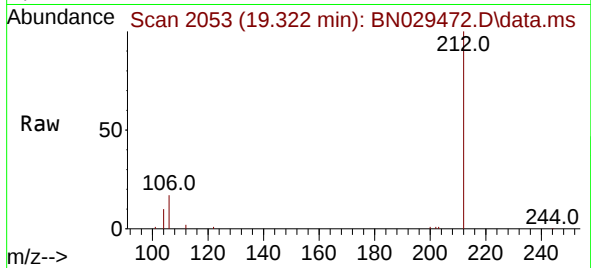




#27  
Fluoranthene-d10  
Concen: 0.548 ng  
RT: 19.322 min Scan# 2053  
Delta R.T. -0.000 min  
Lab File: BN029472.D  
Acq: 01 Feb 2024 05:35

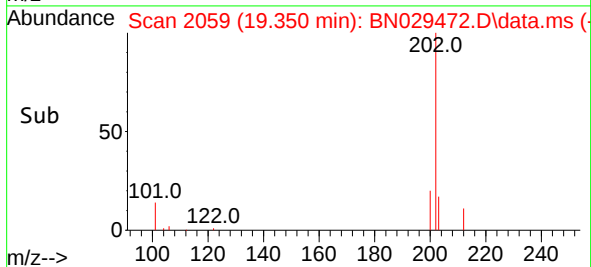
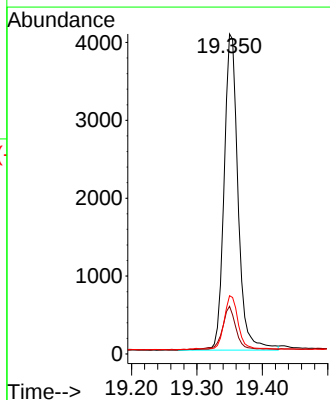
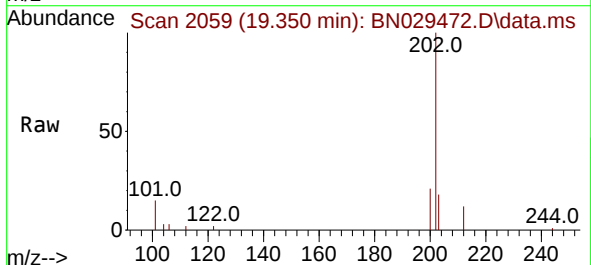
Instrument :  
BNA\_N  
ClientSampleId :  
MDL-WATER-03-QT4-2023

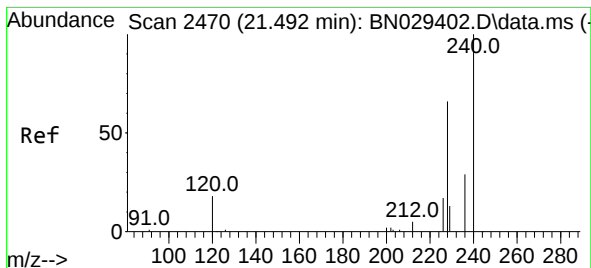
Tgt Ion:212 Resp: 13931  
Ion Ratio Lower Upper  
212 100  
106 16.2 13.2 19.8  
104 9.6 7.7 11.5



#28  
Fluoranthene  
Concen: 0.172 ng  
RT: 19.350 min Scan# 2059  
Delta R.T. -0.005 min  
Lab File: BN029472.D  
Acq: 01 Feb 2024 05:35

Tgt Ion:202 Resp: 6012  
Ion Ratio Lower Upper  
202 100  
101 13.8 10.5 15.7  
203 17.0 13.5 20.3





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.483 min Scan# 2469

Delta R.T. -0.009 min

Lab File: BN029472.D

Acq: 01 Feb 2024 05:35

Instrument :

BNA\_N

ClientSampleId :

MDL-WATER-03-QT4-2023

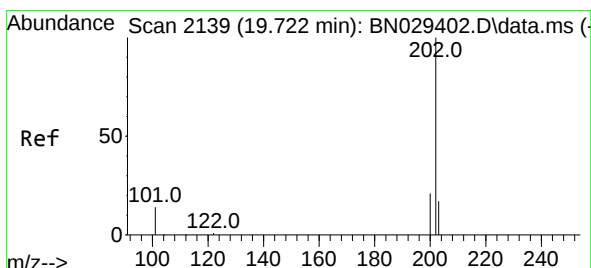
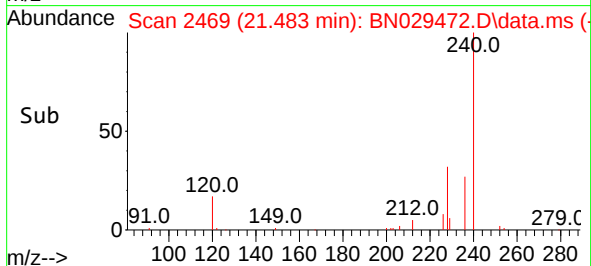
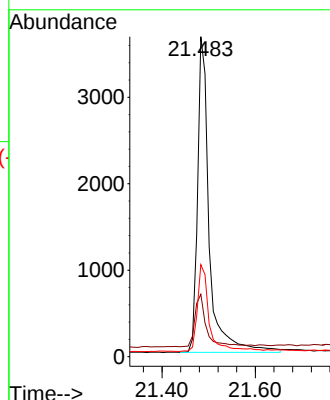
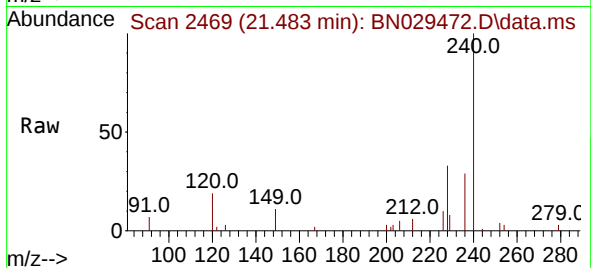
Tgt Ion:240 Resp: 6348

Ion Ratio Lower Upper

240 100

120 19.5 16.7 25.1

236 28.7 23.9 35.9



#30

Pyrene

Concen: 0.202 ng

RT: 19.717 min Scan# 2138

Delta R.T. -0.000 min

Lab File: BN029472.D

Acq: 01 Feb 2024 05:35

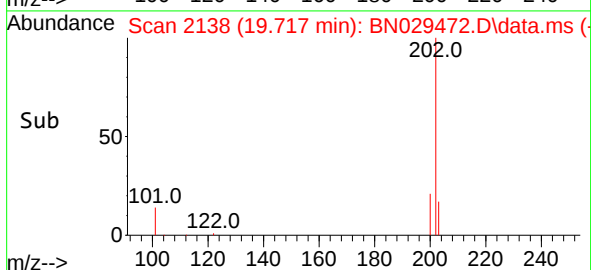
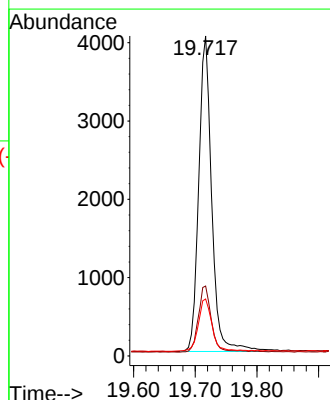
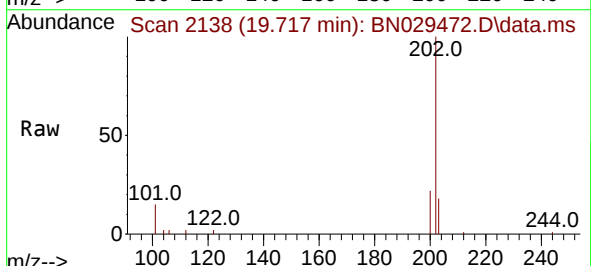
Tgt Ion:202 Resp: 5915

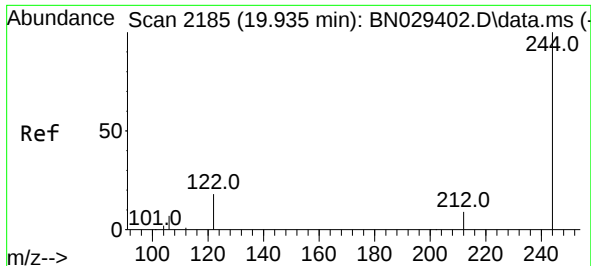
Ion Ratio Lower Upper

202 100

200 20.9 16.6 25.0

203 17.5 14.2 21.4

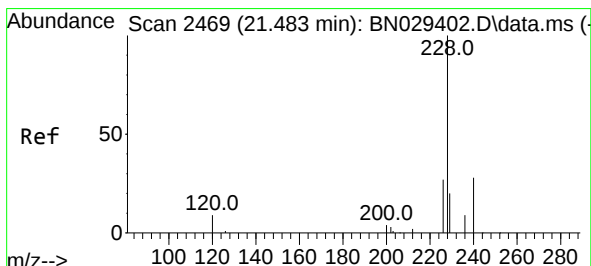
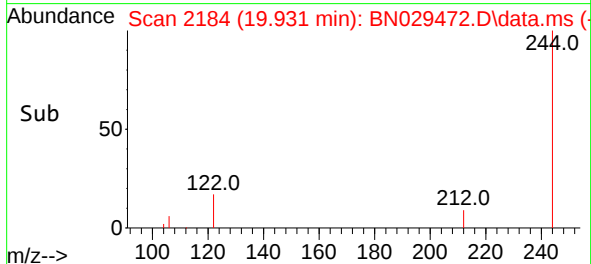
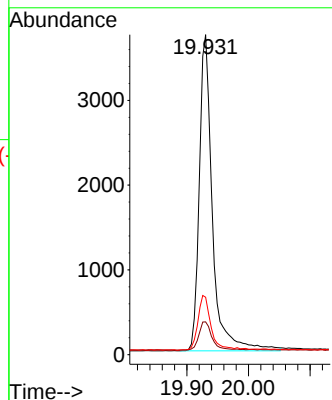
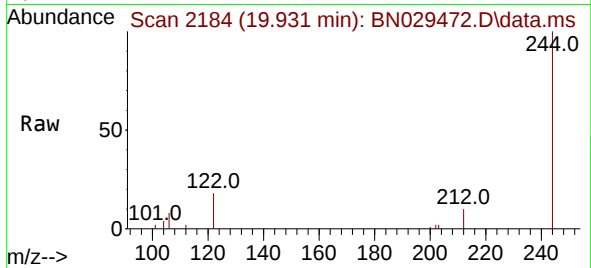




#31  
 Terphenyl-d14  
 Concen: 0.351 ng  
 RT: 19.931 min Scan# 2185  
 Delta R.T. -0.000 min  
 Lab File: BN029472.D  
 Acq: 01 Feb 2024 05:35

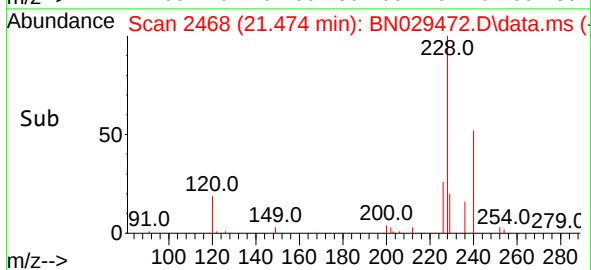
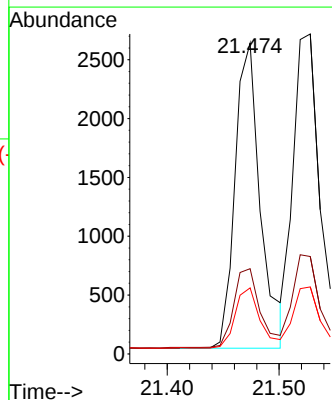
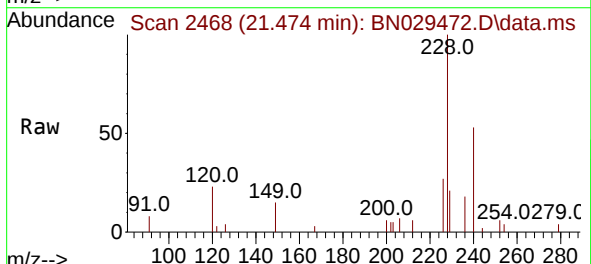
Instrument :  
 BNA\_N  
 ClientSampleId :  
 MDL-WATER-03-QT4-2023

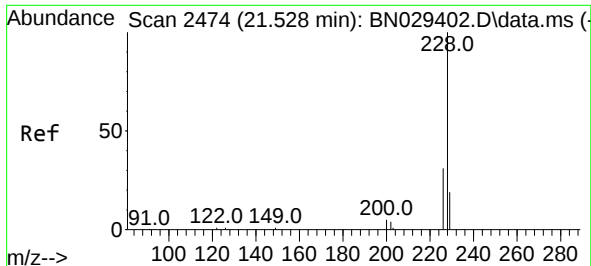
Tgt Ion:244 Resp: 5534  
 Ion Ratio Lower Upper  
 244 100  
 212 10.3 8.2 12.4  
 122 17.9 15.6 23.4



#32  
 Benzo(a)anthracene  
 Concen: 0.188 ng  
 RT: 21.474 min Scan# 2468  
 Delta R.T. -0.000 min  
 Lab File: BN029472.D  
 Acq: 01 Feb 2024 05:35

Tgt Ion:228 Resp: 4084  
 Ion Ratio Lower Upper  
 228 100  
 226 27.5 22.2 33.4  
 229 21.2 16.5 24.7





#33

Chrysene

Concen: 0.185 ng

RT: 21.528 min Scan# 2474

Delta R.T. -0.000 min

Lab File: BN029472.D

Acq: 01 Feb 2024 05:35

Instrument :

BNA\_N

ClientSampleId :

MDL-WATER-03-QT4-2023

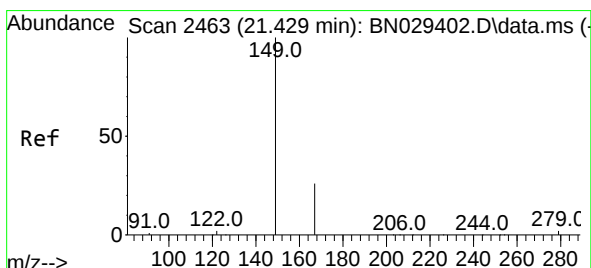
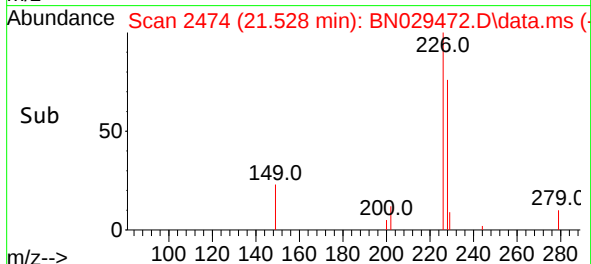
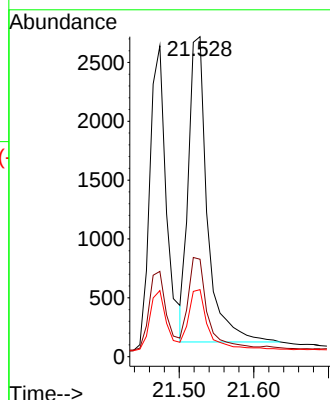
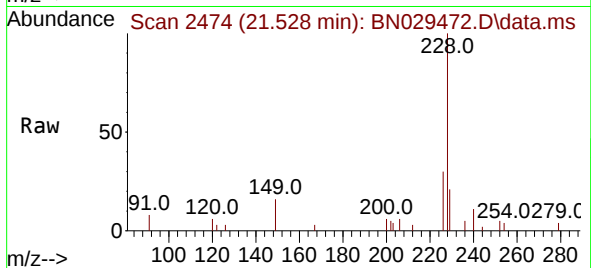
Tgt Ion:228 Resp: 4565

Ion Ratio Lower Upper

228 100

226 30.5 24.9 37.3

229 21.0 15.9 23.9



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.198 ng

RT: 21.420 min Scan# 2462

Delta R.T. -0.000 min

Lab File: BN029472.D

Acq: 01 Feb 2024 05:35

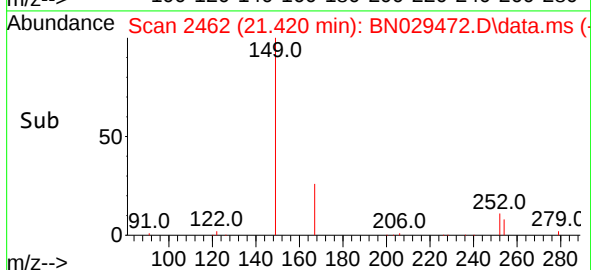
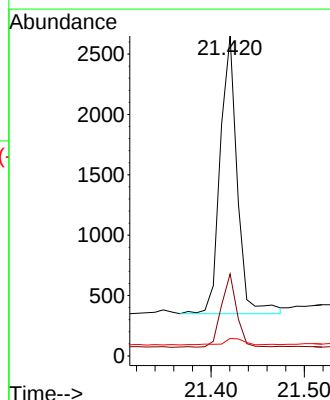
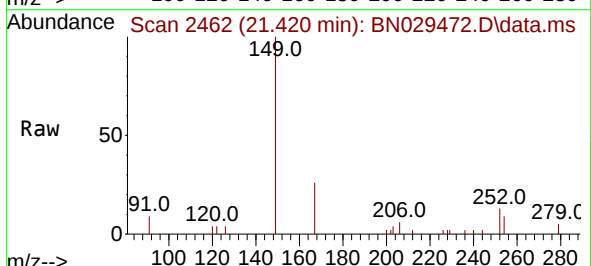
Tgt Ion:149 Resp: 2924

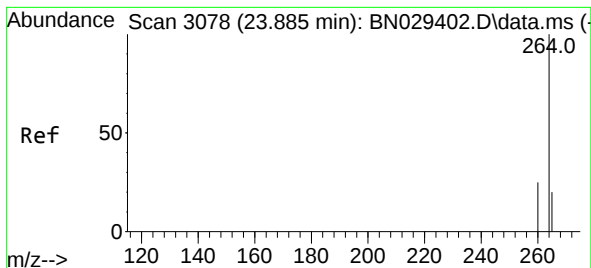
Ion Ratio Lower Upper

149 100

167 24.1 20.1 30.1

279 2.8 2.5 3.7





#35

Perylene-d12

Concen: 0.400 ng

RT: 23.870 min Scan# 3073

Delta R.T. -0.000 min

Lab File: BN029472.D

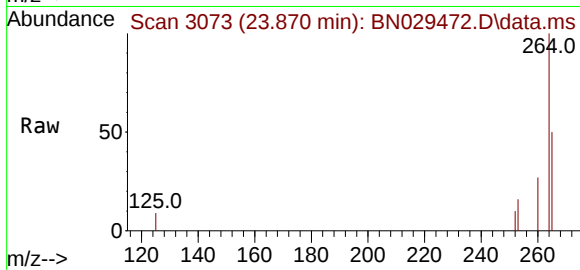
Acq: 01 Feb 2024 05:35

Instrument :

BNA\_N

ClientSampleId :

MDL-WATER-03-QT4-2023



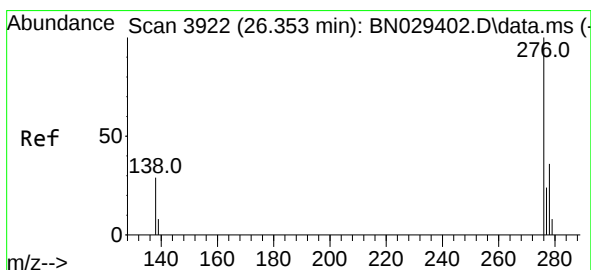
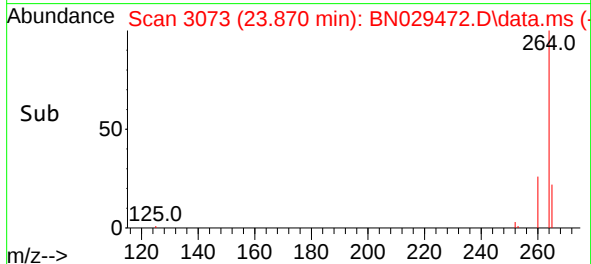
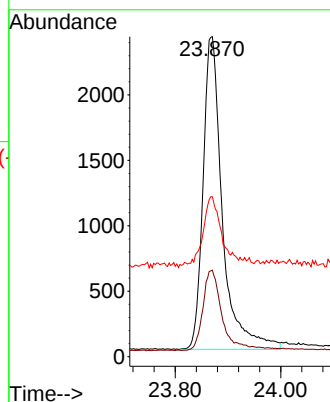
Tgt Ion:264 Resp: 6082

Ion Ratio Lower Upper

264 100

260 27.1 21.2 31.8

265 49.9 41.5 62.3



#36

Indeno(1,2,3-cd)pyrene

Concen: 0.173 ng

RT: 26.332 min Scan# 3915

Delta R.T. -0.003 min

Lab File: BN029472.D

Acq: 01 Feb 2024 05:35

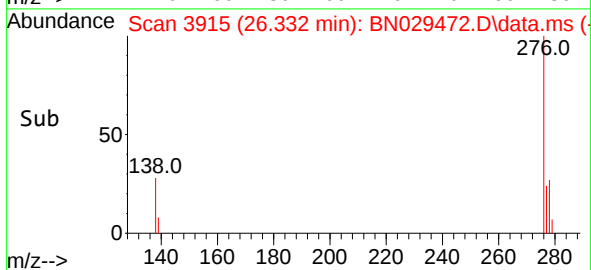
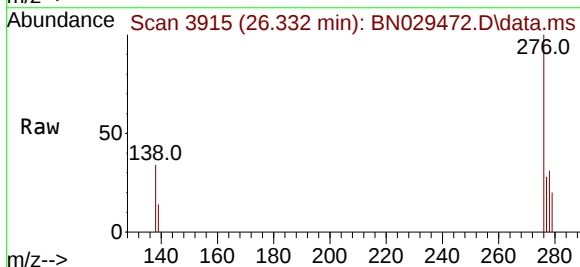
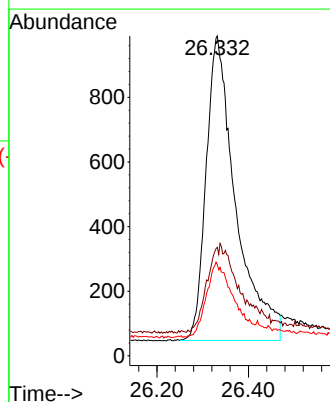
Tgt Ion:276 Resp: 4233

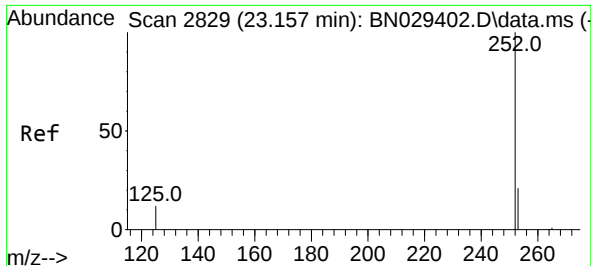
Ion Ratio Lower Upper

276 100

138 11.7 20.5 30.7#

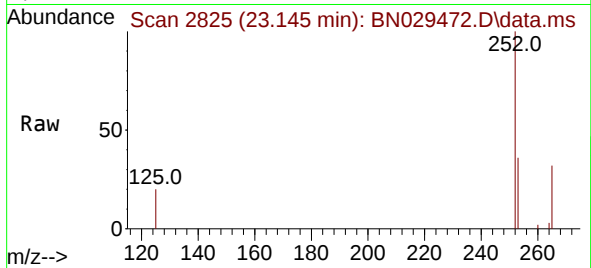
277 22.3 17.0 25.4



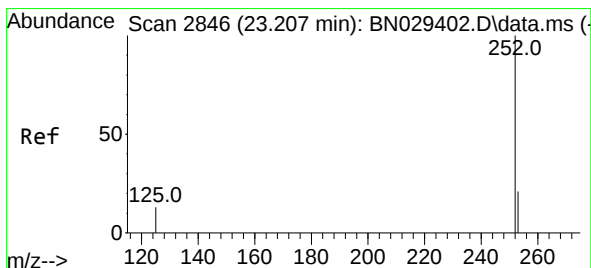
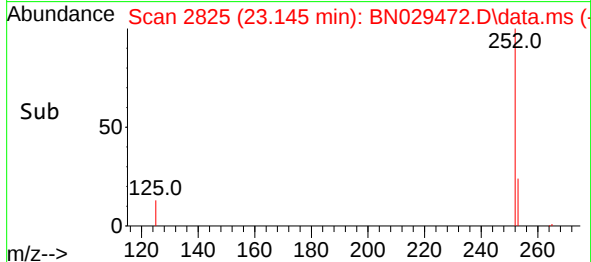
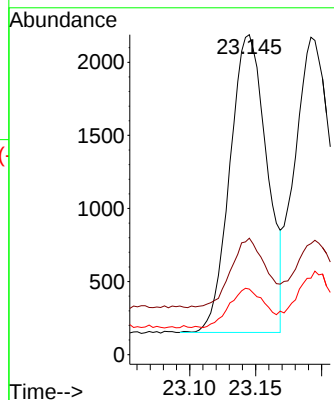


#37  
Benzo(b)fluoranthene  
Concen: 0.183 ng  
RT: 23.145 min Scan# 2825  
Delta R.T. -0.003 min  
Lab File: BN029472.D  
Acq: 01 Feb 2024 05:35

Instrument :  
BNA\_N  
ClientSampleId :  
MDL-WATER-03-QT4-2023

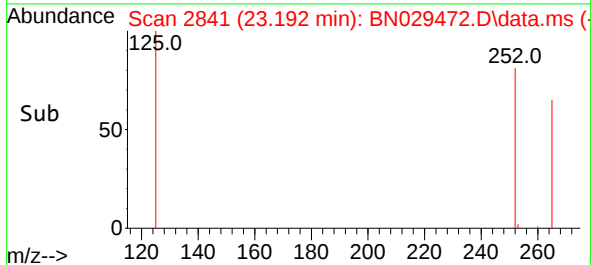
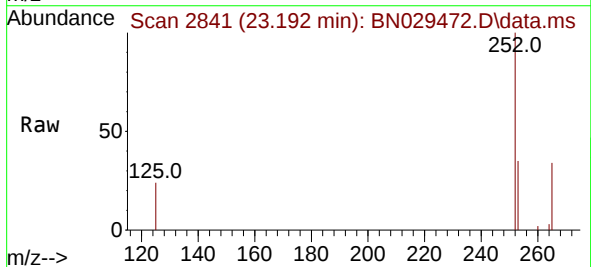
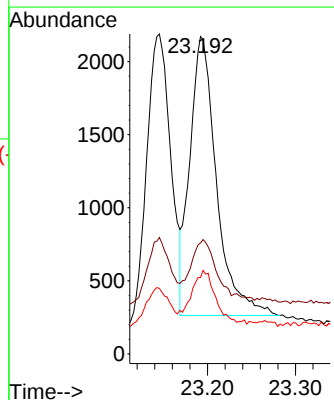


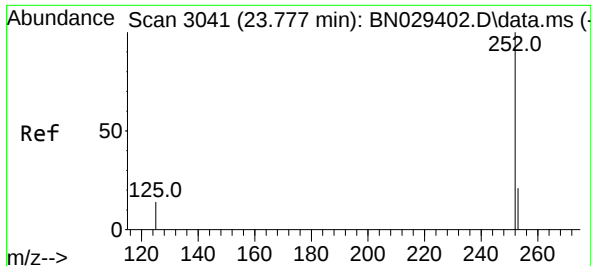
Tgt Ion:252 Resp: 3970  
Ion Ratio Lower Upper  
252 100  
253 36.4 21.7 32.5#  
125 20.5 13.3 19.9#



#38  
Benzo(k)fluoranthene  
Concen: 0.177 ng  
RT: 23.192 min Scan# 2841  
Delta R.T. -0.006 min  
Lab File: BN029472.D  
Acq: 01 Feb 2024 05:35

Tgt Ion:252 Resp: 4035  
Ion Ratio Lower Upper  
252 100  
253 34.9 21.8 32.8#  
125 24.1 13.9 20.9#





#39

Benzo(a)pyrene

Concen: 0.186 ng

RT: 23.762 min Scan# 3041

Delta R.T. -0.003 min

Lab File: BN029472.D

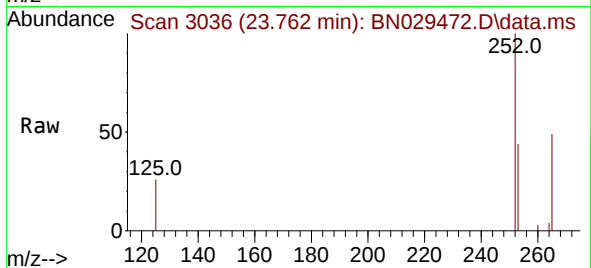
Acq: 01 Feb 2024 05:35

Instrument :

BNA\_N

ClientSampleId :

MDL-WATER-03-QT4-2023



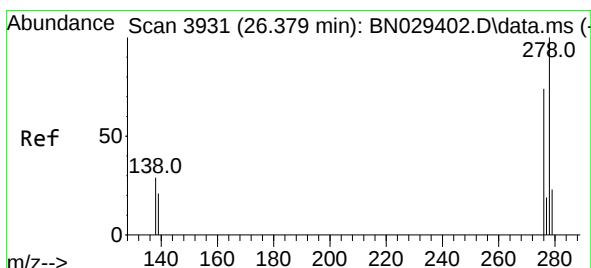
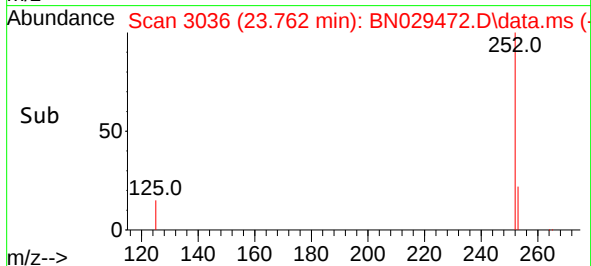
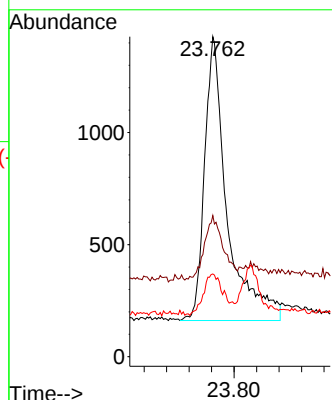
Tgt Ion:252 Resp: 3522

Ion Ratio Lower Upper

252 100

253 44.1 24.9 37.3#

125 25.8 16.6 25.0#



#40

Dibenzo(a,h)anthracene

Concen: 0.174 ng

RT: 26.364 min Scan# 3926

Delta R.T. -0.000 min

Lab File: BN029472.D

Acq: 01 Feb 2024 05:35

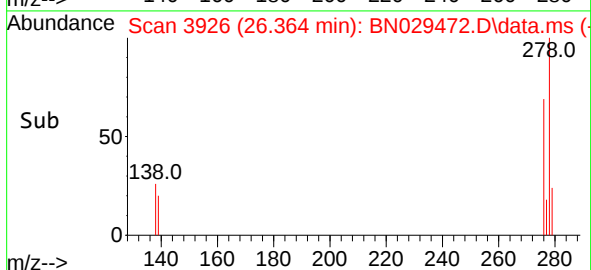
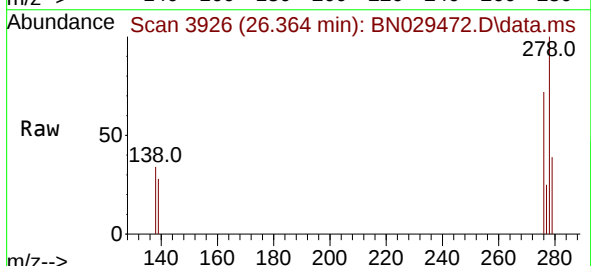
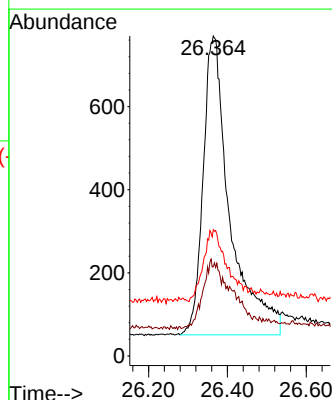
Tgt Ion:278 Resp: 3395

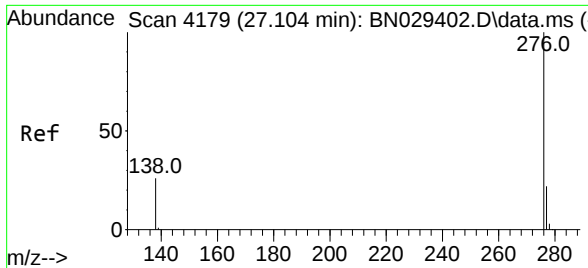
Ion Ratio Lower Upper

278 100

139 27.9 20.4 30.6

279 39.5 25.0 37.6#





#41

Benzo(g,h,i)perylene

Concen: 0.167 ng

RT: 27.086 min Scan# 41

Delta R.T. 0.003 min

Lab File: BN029472.D

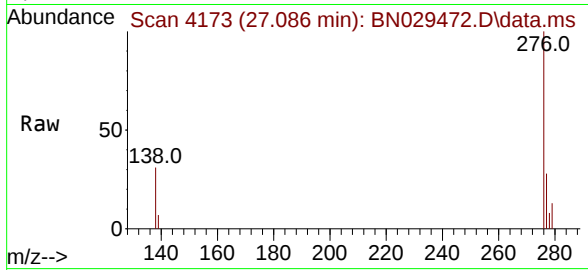
Acq: 01 Feb 2024 05:35

Instrument :

BNA\_N

ClientSampleId :

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Tgt Ion:276 Resp: 3955

Ion Ratio Lower Upper

276 100

277 28.1 19.4 29.2

138 31.4 23.5 35.3

