

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN011923\  
 Data File : BN023714.D  
 Acq On : 19 Jan 2023 12:08  
 Operator : CG/JU  
 Sample : N3980-09  
 Misc : MDL-MDL-WATER 0.1ng  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 MDL-WATER-03-QT3-2022

Quant Time: Jan 20 04:32:44 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN011823.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jan 20 04:31:55 2023  
 Response via : Initial Calibration

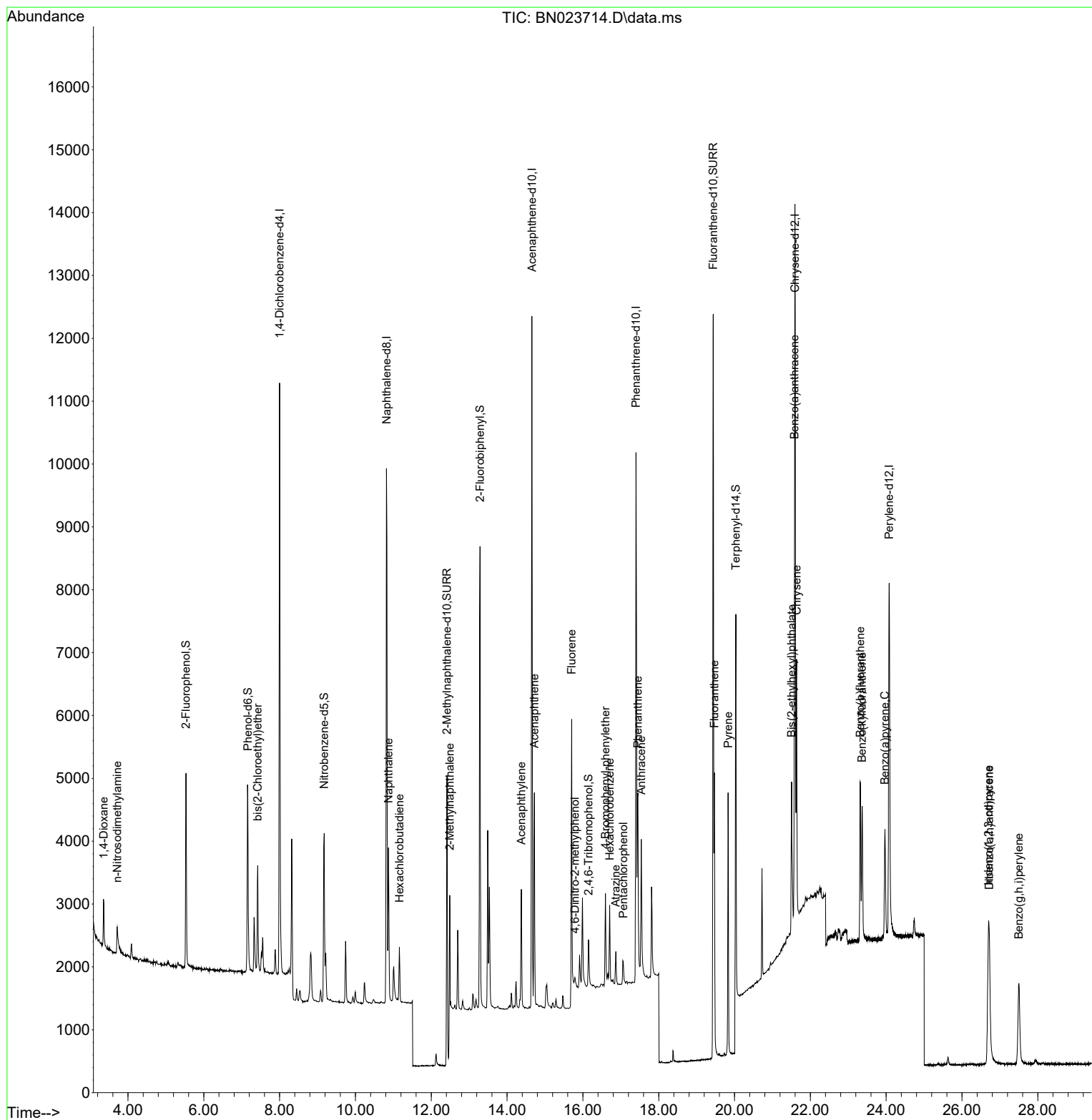
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.999  | 152  | 4439     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.818 | 136  | 11464    | 0.400 | ng    | 0.00     |
| 13) Acenaphthene-d10          | 14.655 | 164  | 5771     | 0.400 | ng    | 0.01     |
| 19) Phenanthrene-d10          | 17.402 | 188  | 12478    | 0.400 | ng    | 0.00     |
| 29) Chrysene-d12              | 21.593 | 240  | 10150    | 0.400 | ng    | # 0.00   |
| 35) Perylene-d12              | 24.078 | 264  | 8646     | 0.400 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.529  | 112  | 2443     | 0.262 | ng    | 0.00     |
| 5) Phenol-d6                  | 7.161  | 99   | 2895     | 0.261 | ng    | 0.01     |
| 8) Nitrobenzene-d5            | 9.174  | 82   | 2403     | 0.265 | ng    | 0.01     |
| 11) 2-Methylnaphthalene-d10   | 12.412 | 152  | 7724     | 0.487 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 16.148 | 330  | 540      | 0.220 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 13.287 | 172  | 6685     | 0.272 | ng    | 0.01     |
| 27) Fluoranthene-d10          | 19.439 | 212  | 13062    | 0.446 | ng    | 0.00     |
| 31) Terphenyl-d14             | 20.035 | 244  | 4821     | 0.301 | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       |          |
|                               |        |      |          |       |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.362  | 88   | 494      | 0.105 | ng    | 98       |
| 3) n-Nitrosodimethylamine     | 3.716  | 42   | 419      | 0.076 | ng    | # 95     |
| 6) bis(2-Chloroethyl)ether    | 7.421  | 93   | 1272     | 0.111 | ng    | 97       |
| 9) Naphthalene                | 10.872 | 128  | 3081     | 0.104 | ng    | 96       |
| 10) Hexachlorobutadiene       | 11.160 | 225  | 659      | 0.109 | ng    | # 99     |
| 12) 2-Methylnaphthalene       | 12.488 | 142  | 2150     | 0.103 | ng    | 97       |
| 16) Acenaphthylene            | 14.377 | 152  | 2185     | 0.093 | ng    | 99       |
| 17) Acenaphthene              | 14.720 | 154  | 1602     | 0.097 | ng    | 97       |
| 18) Fluorene                  | 15.703 | 166  | 1959     | 0.084 | ng    | 99       |
| 20) 4,6-Dinitro-2-methylph... | 15.788 | 198  | 124      | 0.070 | ng    | # 1      |
| 21) 4-Bromophenyl-phenylether | 16.595 | 248  | 641      | 0.090 | ng    | # 88     |
| 22) Hexachlorobenzene         | 16.707 | 284  | 905      | 0.104 | ng    | 99       |
| 23) Atrazine                  | 16.868 | 200  | 472      | 0.092 | ng    | # 88     |
| 24) Pentachlorophenol         | 17.067 | 266  | 256      | 0.086 | ng    | 94       |
| 25) Phenanthrene              | 17.452 | 178  | 3430     | 0.095 | ng    | 99       |
| 26) Anthracene                | 17.538 | 178  | 2766     | 0.094 | ng    | 99       |
| 28) Fluoranthene              | 19.469 | 202  | 3801     | 0.096 | ng    | 96       |
| 30) Pyrene                    | 19.831 | 202  | 3731     | 0.099 | ng    | 100      |
| 32) Benzo(a)anthracene        | 21.584 | 228  | 3020     | 0.094 | ng    | 97       |
| 33) Chrysene                  | 21.638 | 228  | 3627     | 0.100 | ng    | 98       |
| 34) Bis(2-ethylhexyl)phtha... | 21.504 | 149  | 2067     | 0.144 | ng    | 97       |
| 36) Indeno(1,2,3-cd)pyrene    | 26.697 | 276  | 3538     | 0.092 | ng    | 96       |
| 37) Benzo(b)fluoranthene      | 23.318 | 252  | 3268     | 0.091 | ng    | # 76     |
| 38) Benzo(k)fluoranthene      | 23.364 | 252  | 3067     | 0.084 | ng    | # 78     |
| 39) Benzo(a)pyrene            | 23.967 | 252  | 2683     | 0.101 | ng    | # 65     |
| 40) Dibenzo(a,h)anthracene    | 26.721 | 278  | 2846     | 0.092 | ng    | # 80     |
| 41) Benzo(g,h,i)perylene      | 27.501 | 276  | 3024     | 0.092 | ng    | 91       |
| -----                         |        |      |          |       |       |          |

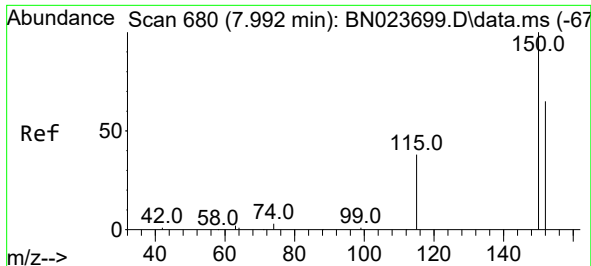
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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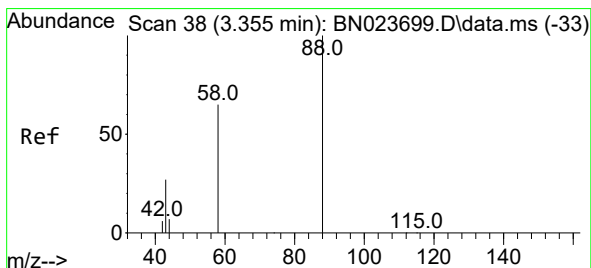
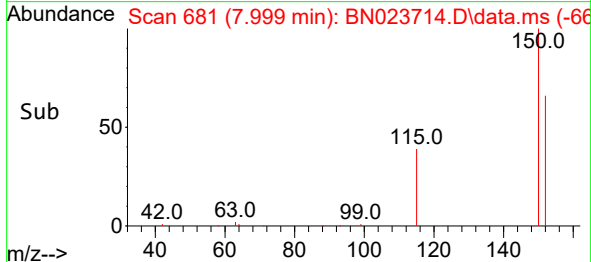
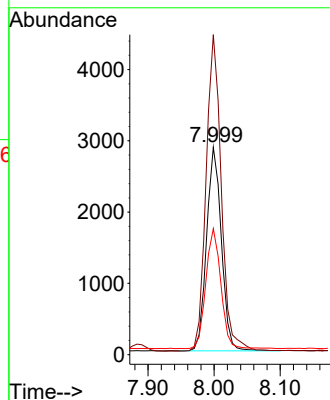
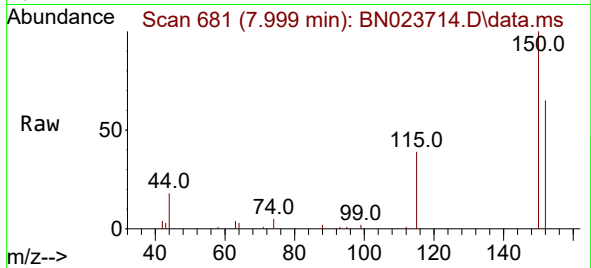




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 7.999 min Scan# 61  
 Delta R.T. 0.007 min  
 Lab File: BN023714.D  
 Acq: 19 Jan 2023 12:08

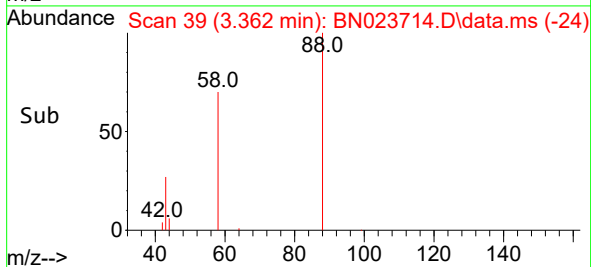
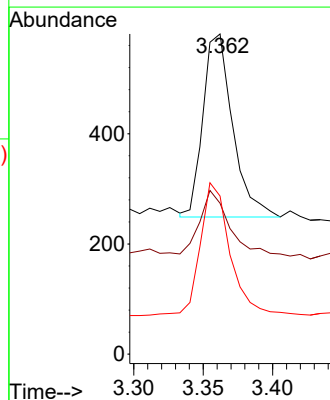
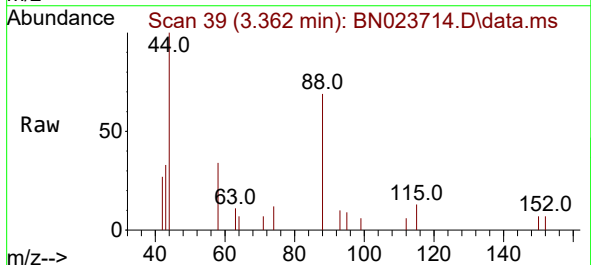
Instrument :  
 BNA\_N  
 ClientSampleId :  
 MDL-WATER-03-QT3-2022

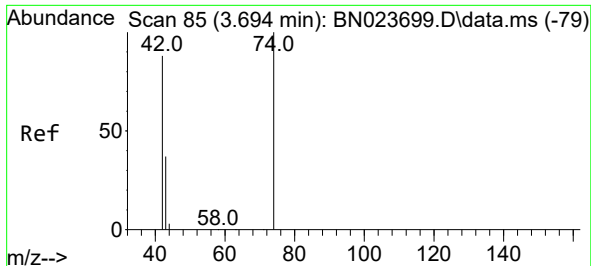
Tgt Ion:152 Resp: 4439  
 Ion Ratio Lower Upper  
 152 100  
 150 154.2 122.4 183.6  
 115 60.7 48.2 72.4



#2  
 1,4-Dioxane  
 Concen: 0.105 ng  
 RT: 3.362 min Scan# 39  
 Delta R.T. 0.007 min  
 Lab File: BN023714.D  
 Acq: 19 Jan 2023 12:08

Tgt Ion: 88 Resp: 494  
 Ion Ratio Lower Upper  
 88 100  
 43 36.2 26.8 40.2  
 58 73.3 58.5 87.7

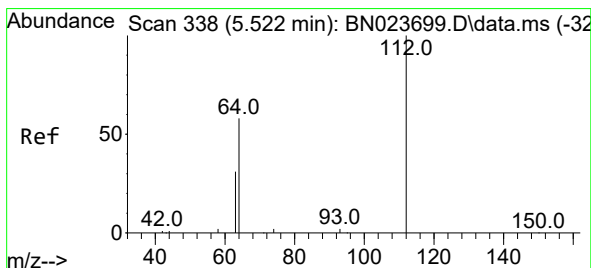
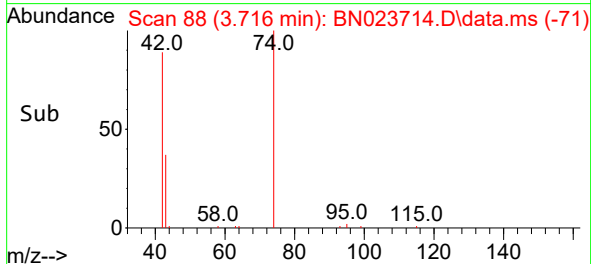
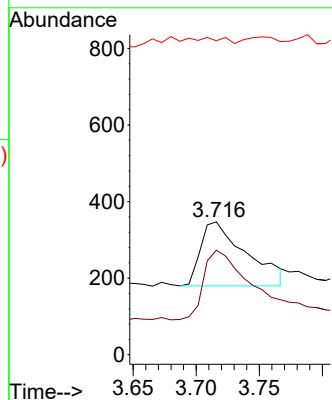
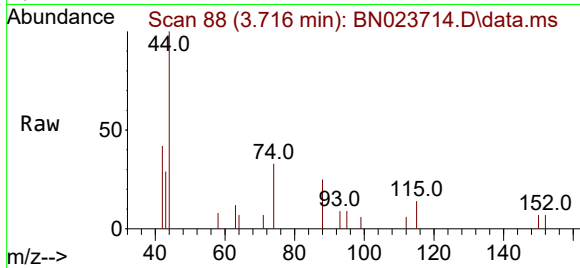




#3  
n-Nitrosodimethylamine  
Concen: 0.076 ng  
RT: 3.716 min Scan# 81  
Delta R.T. 0.021 min  
Lab File: BN023714.D  
Acq: 19 Jan 2023 12:08

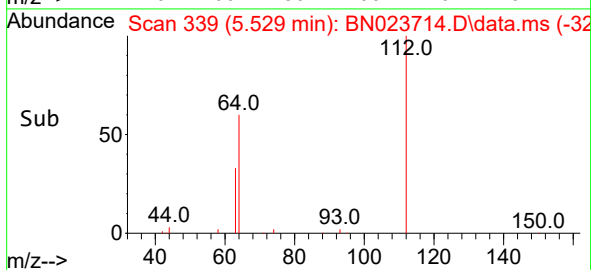
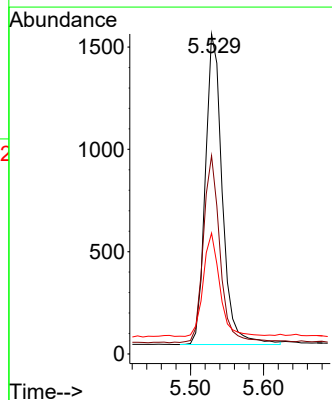
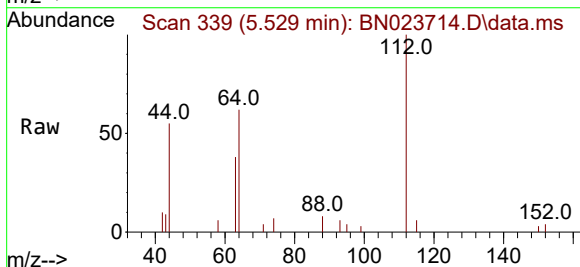
Instrument :  
BNA\_N  
ClientSampleId :  
MDL-WATER-03-QT3-2022

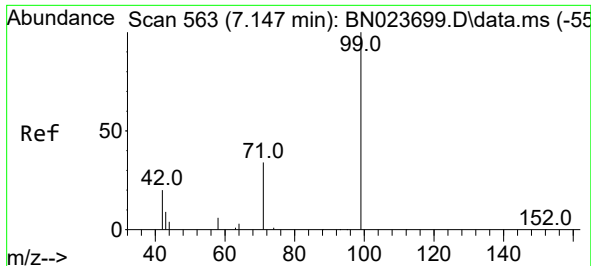
Tgt Ion: 42 Resp: 419  
Ion Ratio Lower Upper  
42 100  
74 111.2 87.4 131.2  
44 0.0 9.4 14.2#



#4  
2-Fluorophenol  
Concen: 0.262 ng  
RT: 5.529 min Scan# 339  
Delta R.T. 0.007 min  
Lab File: BN023714.D  
Acq: 19 Jan 2023 12:08

Tgt Ion: 112 Resp: 2443  
Ion Ratio Lower Upper  
112 100  
64 59.9 45.8 68.8  
63 32.3 25.3 37.9

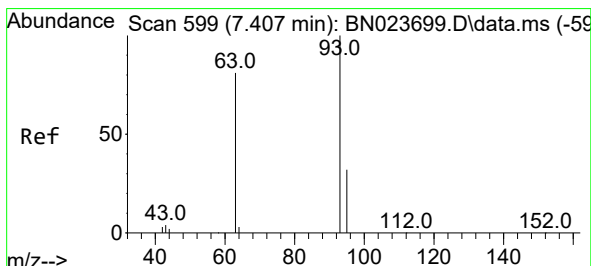
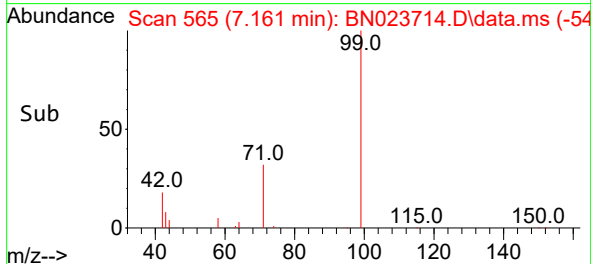
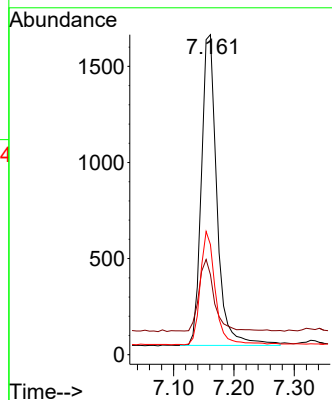
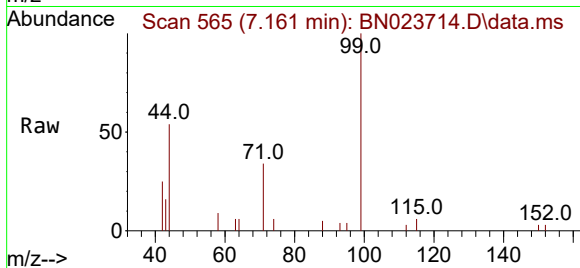




#5  
Phenol-d6  
Concen: 0.261 ng  
RT: 7.161 min Scan# 501  
Delta R.T. 0.014 min  
Lab File: BN023714.D  
Acq: 19 Jan 2023 12:08

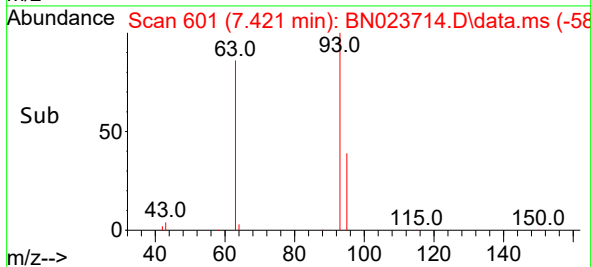
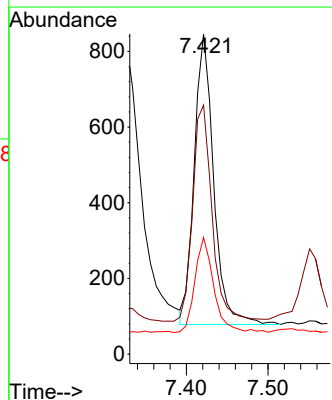
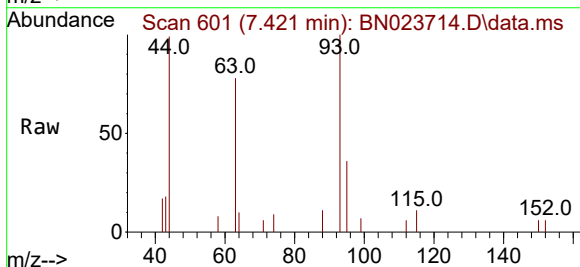
Instrument :  
BNA\_N  
ClientSampleId :  
MDL-WATER-03-QT3-2022

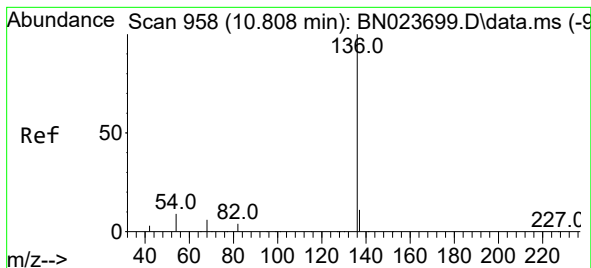
Tgt Ion: 99 Resp: 2895  
Ion Ratio Lower Upper  
99 100  
42 22.7 19.4 29.0  
71 35.3 28.7 43.1



#6  
bis(2-Chloroethyl)ether  
Concen: 0.111 ng  
RT: 7.421 min Scan# 601  
Delta R.T. 0.007 min  
Lab File: BN023714.D  
Acq: 19 Jan 2023 12:08

Tgt Ion: 93 Resp: 1272  
Ion Ratio Lower Upper  
93 100  
63 74.1 61.8 92.6  
95 32.2 25.9 38.9





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.818 min Scan# 91

Delta R.T. -0.000 min

Lab File: BN023714.D

Acq: 19 Jan 2023 12:08

Instrument :

BNA\_N

ClientSampleId :

MDL-WATER-03-QT3-2022

Tgt Ion:136 Resp: 11464

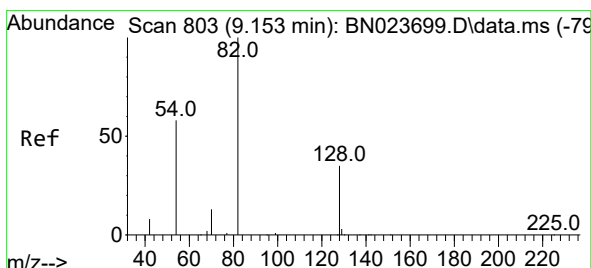
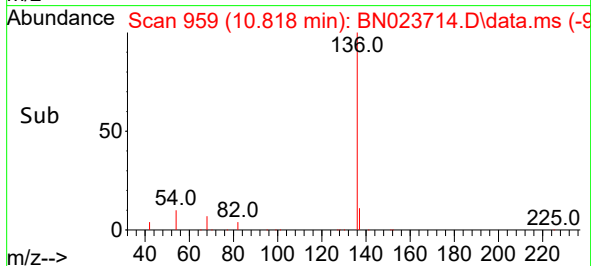
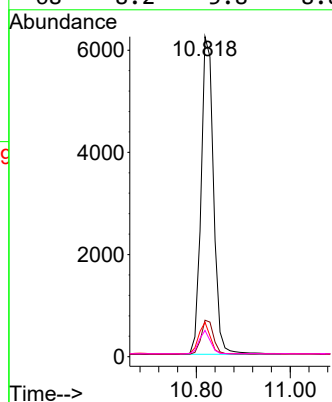
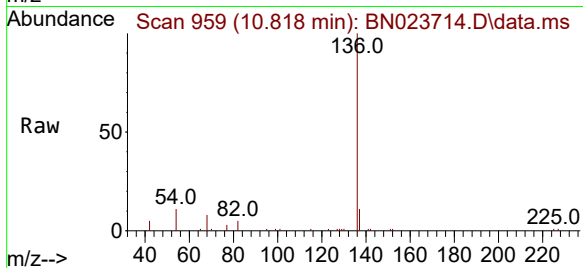
Ion Ratio Lower Upper

136 100

137 11.4 9.2 13.8

54 10.7 7.5 11.3

68 8.2 5.8 8.8



#8

Nitrobenzene-d5

Concen: 0.265 ng

RT: 9.174 min Scan# 805

Delta R.T. 0.010 min

Lab File: BN023714.D

Acq: 19 Jan 2023 12:08

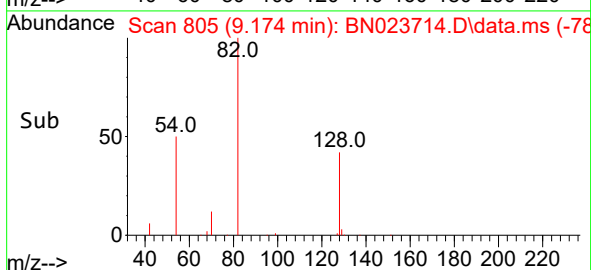
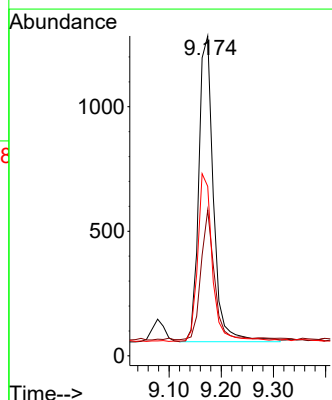
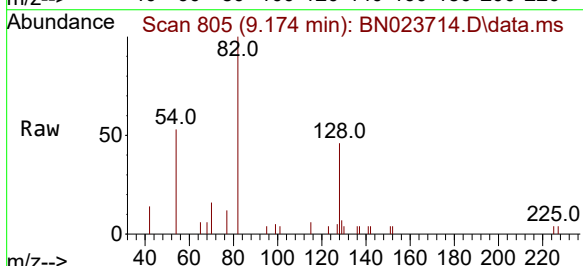
Tgt Ion: 82 Resp: 2403

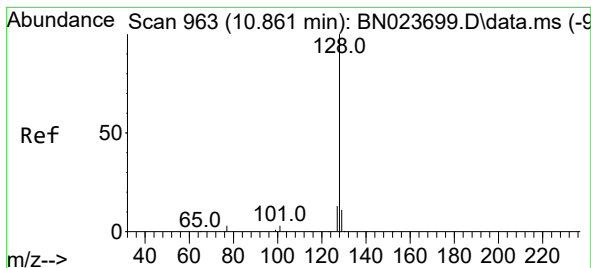
Ion Ratio Lower Upper

82 100

128 45.6 30.2 45.2#

54 53.0 47.3 70.9





#9

Naphthalene

Concen: 0.104 ng

RT: 10.872 min Scan# 90

Delta R.T. 0.010 min

Lab File: BN023714.D

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BNA\_N

ClientSampleId :

MDL-WATER-03-QT3-2022

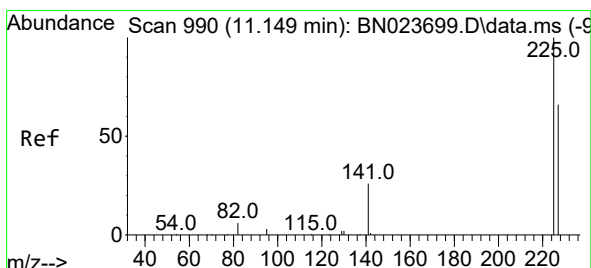
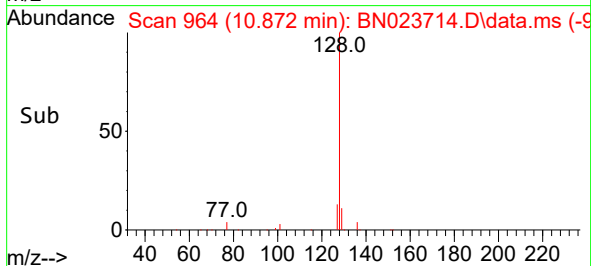
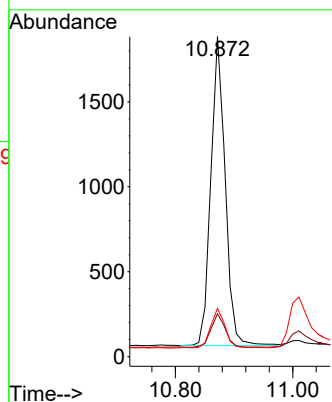
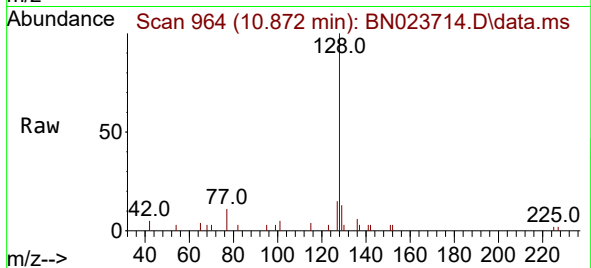
Tgt Ion:128 Resp: 3081

Ion Ratio Lower Upper

128 100

129 13.4 9.2 13.8

127 15.1 10.9 16.3



#10

Hexachlorobutadiene

Concen: 0.109 ng

RT: 11.160 min Scan# 991

Delta R.T. 0.010 min

Lab File: BN023714.D

Acq: 19 Jan 2023 12:08

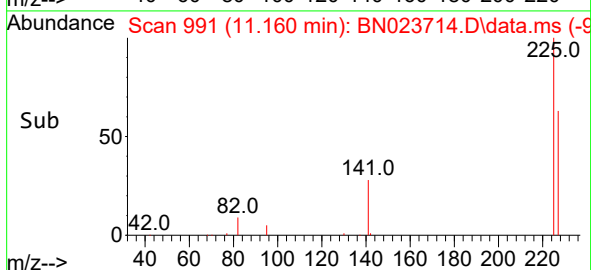
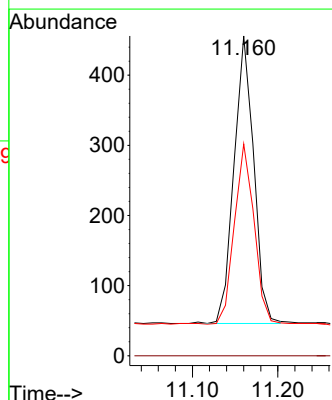
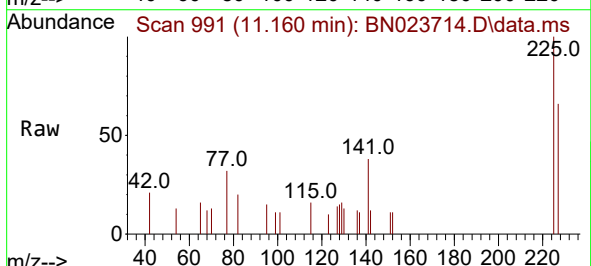
Tgt Ion:225 Resp: 659

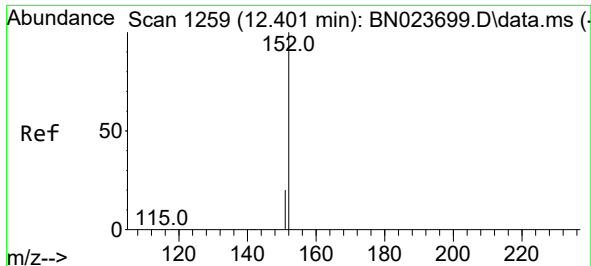
Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

227 62.7 51.0 76.6

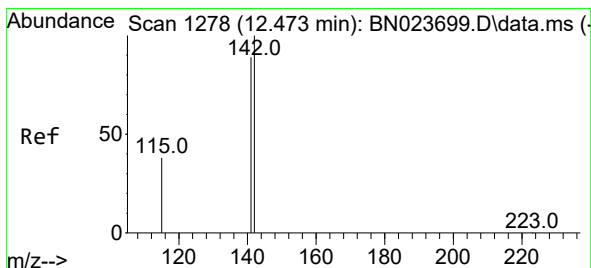
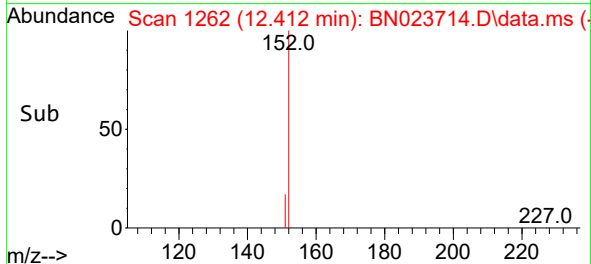
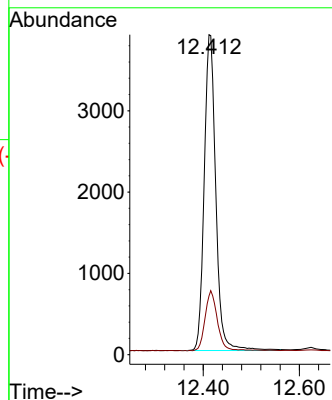
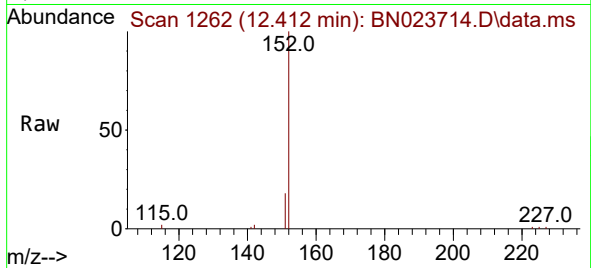




#11  
2-Methylnaphthalene-d10  
Concen: 0.487 ng  
RT: 12.412 min Scan# 11  
Delta R.T. 0.007 min  
Lab File: BN023714.D  
Acq: 19 Jan 2023 12:08

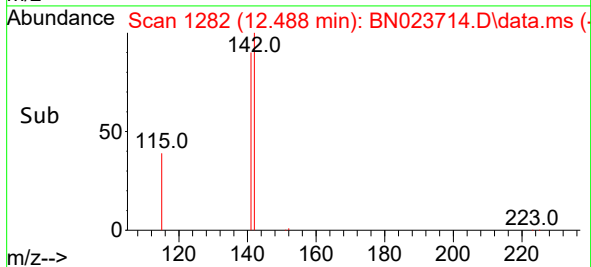
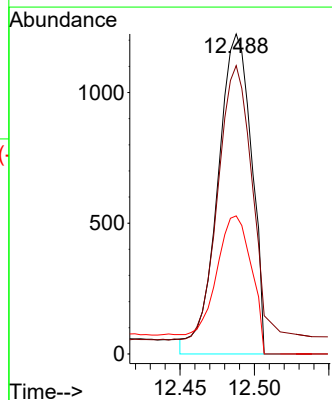
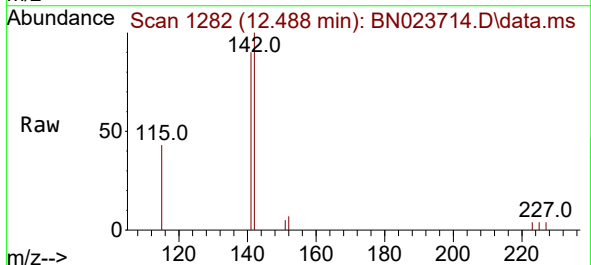
Instrument :  
BNA\_N  
ClientSampleId :  
MDL-WATER-03-QT3-2022

Tgt Ion:152 Resp: 7724  
Ion Ratio Lower Upper  
152 100  
151 20.8 17.1 25.7

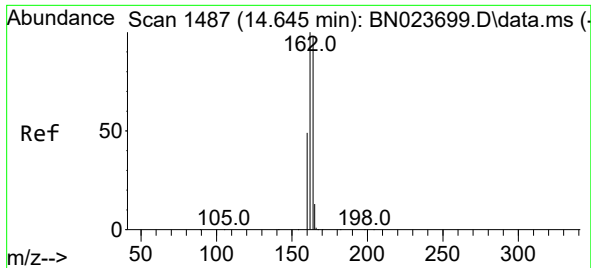


#12  
2-Methylnaphthalene  
Concen: 0.103 ng  
RT: 12.488 min Scan# 1282  
Delta R.T. 0.007 min  
Lab File: BN023714.D  
Acq: 19 Jan 2023 12:08

Tgt Ion:142 Resp: 2150  
Ion Ratio Lower Upper  
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141 90.1 71.4 107.0  
115 43.1 31.2 46.8



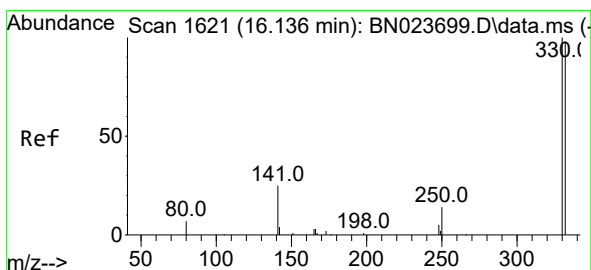
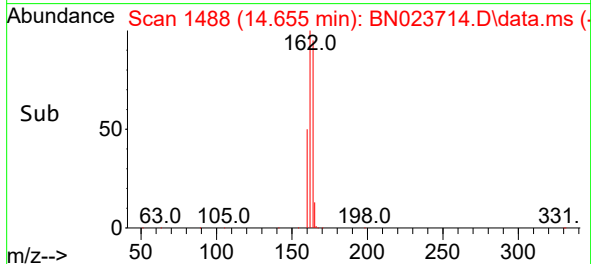
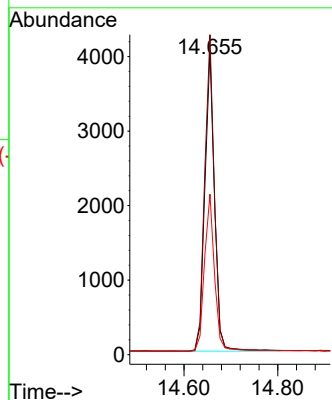
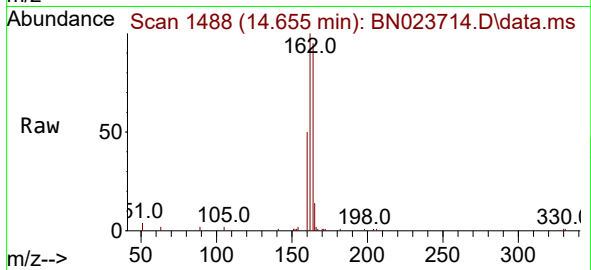




#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.655 min Scan# 1488  
Delta R.T. 0.010 min  
Lab File: BN023714.D  
Acq: 19 Jan 2023 12:08

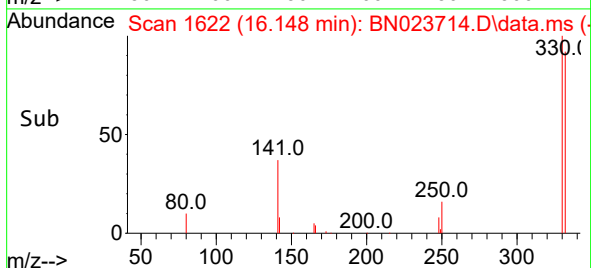
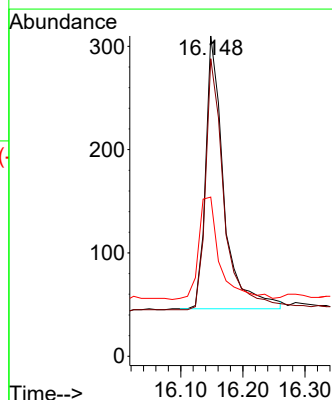
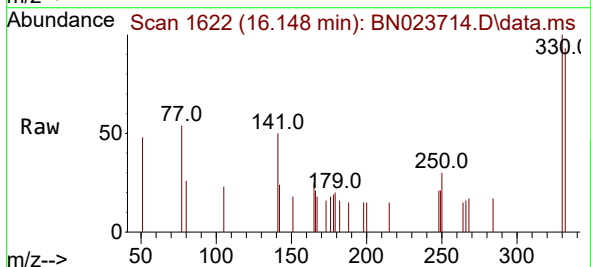
Instrument :  
BNA\_N  
ClientSampleId :  
MDL-WATER-03-QT3-2022

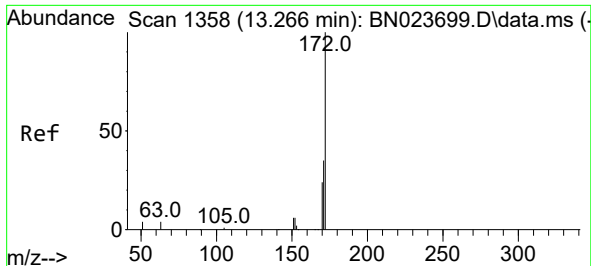
Tgt Ion:164 Resp: 5771  
Ion Ratio Lower Upper  
164 100  
162 105.0 81.8 122.6  
160 52.7 40.3 60.5



#14  
2,4,6-Tribromophenol  
Concen: 0.220 ng  
RT: 16.148 min Scan# 1622  
Delta R.T. -0.000 min  
Lab File: BN023714.D  
Acq: 19 Jan 2023 12:08

Tgt Ion:330 Resp: 540  
Ion Ratio Lower Upper  
330 100  
332 93.5 77.6 116.4  
141 43.1 35.0 52.4

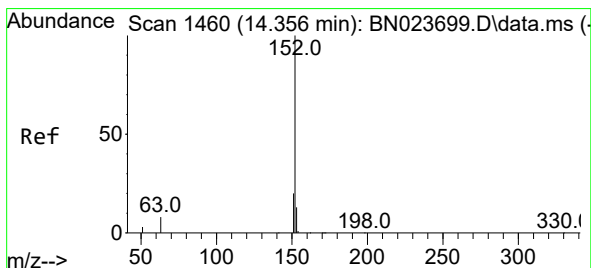
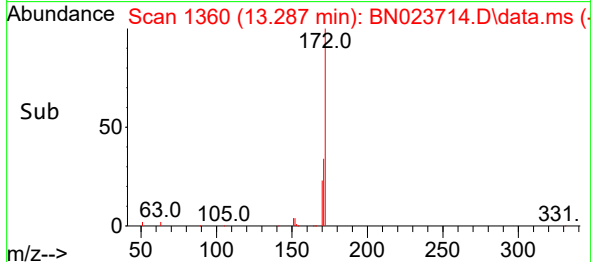
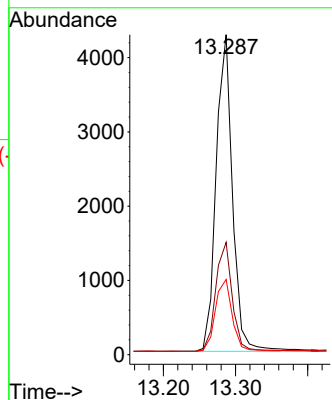
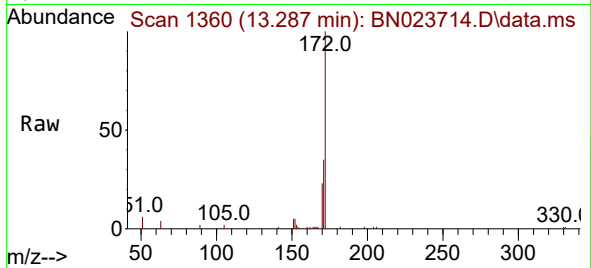




#15  
2-Fluorobiphenyl  
Concen: 0.272 ng  
RT: 13.287 min Scan# 1360  
Delta R.T. 0.010 min  
Lab File: BN023714.D  
Acq: 19 Jan 2023 12:08

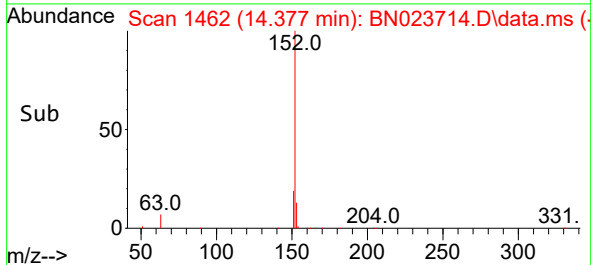
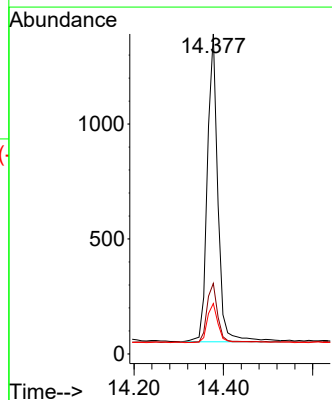
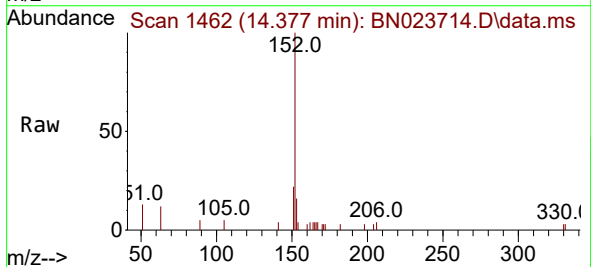
Instrument :  
BNA\_N  
ClientSampleId :  
MDL-WATER-03-QT3-2022

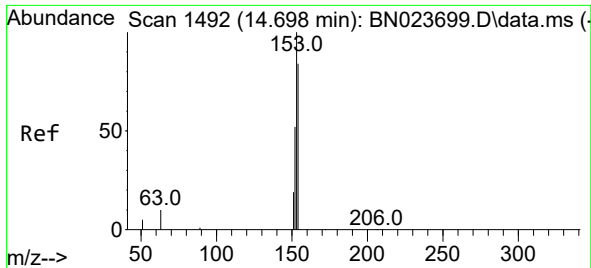
|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 172   | Resp: | 6685 |
| Ion Ratio | Lower | Upper |      |
| 172       | 100   |       |      |
| 171       | 35.1  | 28.6  | 42.8 |
| 170       | 23.5  | 20.0  | 30.0 |



#16  
Acenaphthylene  
Concen: 0.093 ng  
RT: 14.377 min Scan# 1462  
Delta R.T. 0.010 min  
Lab File: BN023714.D  
Acq: 19 Jan 2023 12:08

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 152   | Resp: | 2185 |
| Ion Ratio | Lower | Upper |      |
| 152       | 100   |       |      |
| 151       | 19.8  | 15.7  | 23.5 |
| 153       | 13.2  | 10.4  | 15.6 |

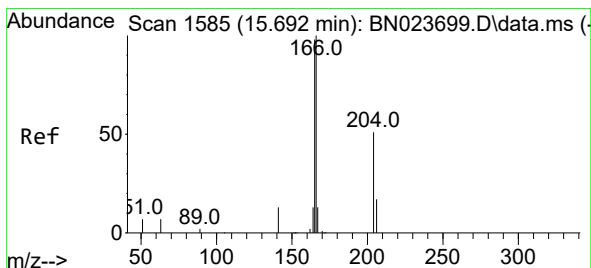
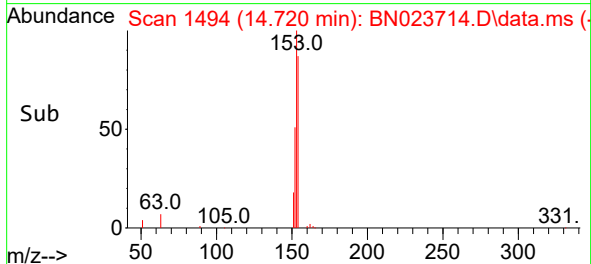
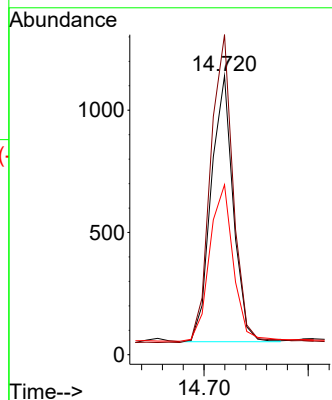
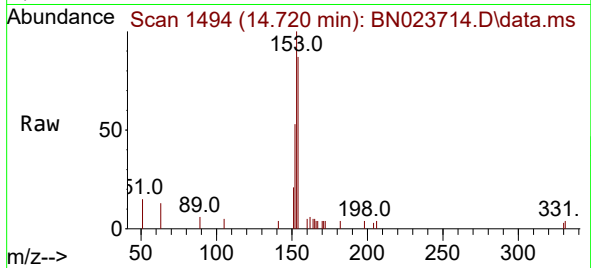




#17  
Acenaphthene  
Concen: 0.097 ng  
RT: 14.720 min Scan# 1494  
Delta R.T. 0.010 min  
Lab File: BN023714.D  
Acq: 19 Jan 2023 12:08

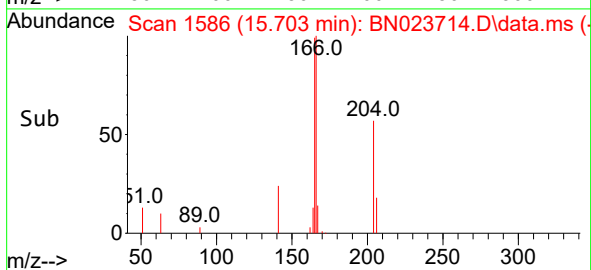
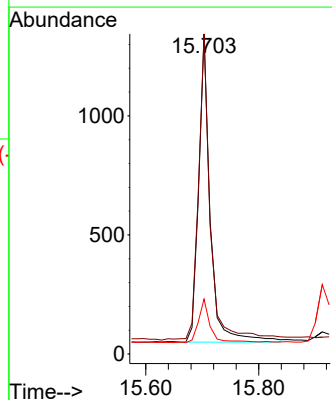
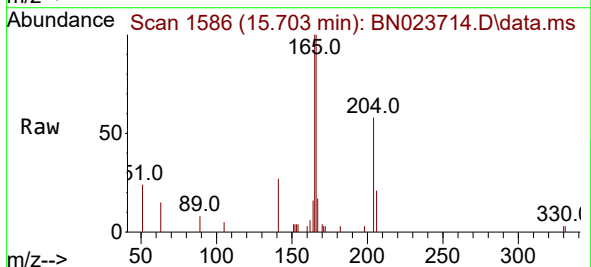
Instrument :  
BNA\_N  
ClientSampleId :  
MDL-WATER-03-QT3-2022

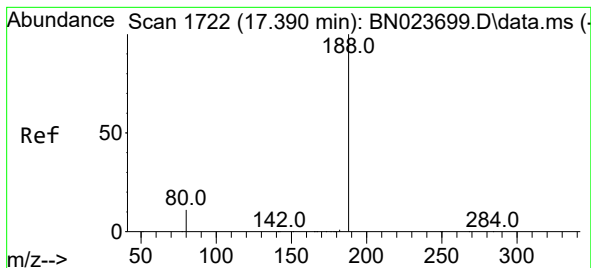
Tgt Ion:154 Resp: 1602  
Ion Ratio Lower Upper  
154 100  
153 119.2 93.3 139.9  
152 63.5 48.1 72.1



#18  
Fluorene  
Concen: 0.084 ng  
RT: 15.703 min Scan# 1586  
Delta R.T. 0.010 min  
Lab File: BN023714.D  
Acq: 19 Jan 2023 12:08

Tgt Ion:166 Resp: 1959  
Ion Ratio Lower Upper  
166 100  
165 100.3 80.6 121.0  
167 14.1 10.8 16.2





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.402 min Scan# 11

Delta R.T. -0.000 min

Lab File: BN023714.D

Acq: 19 Jan 2023 12:08

Instrument :

BNA\_N

ClientSampleId :

MDL-WATER-03-QT3-2022

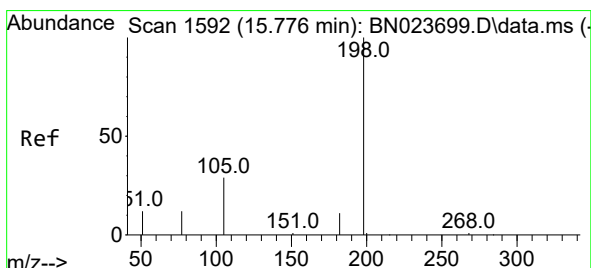
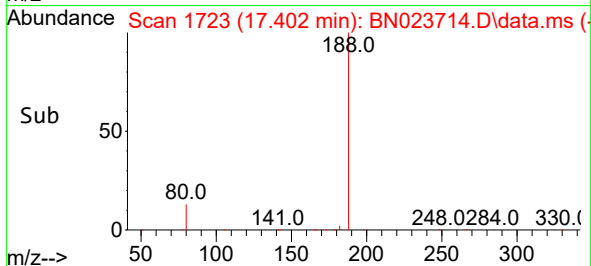
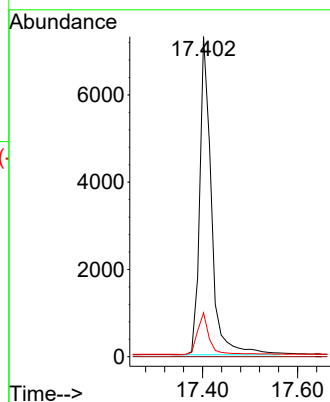
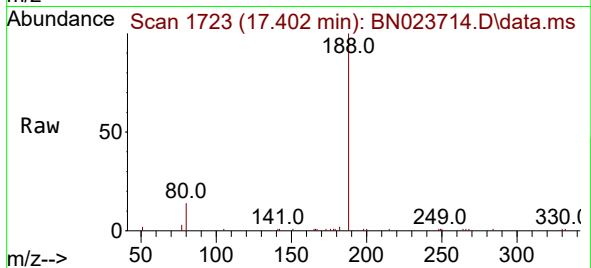
Tgt Ion:188 Resp: 12478

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 13.7 9.5 14.3



#20

4,6-Dinitro-2-methylphenol

Concen: 0.070 ng

RT: 15.788 min Scan# 1593

Delta R.T. 0.012 min

Lab File: BN023714.D

Acq: 19 Jan 2023 12:08

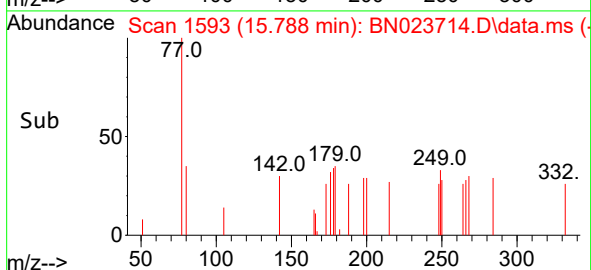
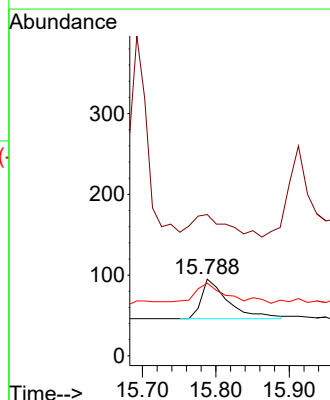
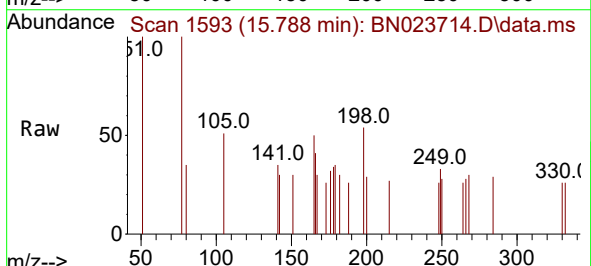
Tgt Ion:198 Resp: 124

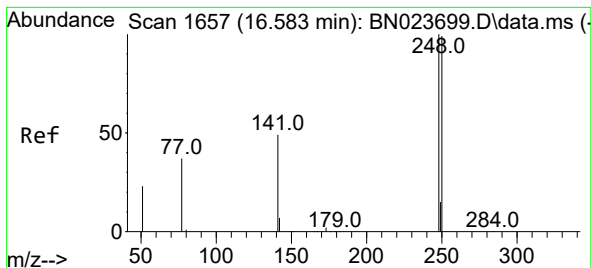
Ion Ratio Lower Upper

198 100

51 184.2 54.3 81.5#

105 94.7 38.6 58.0#

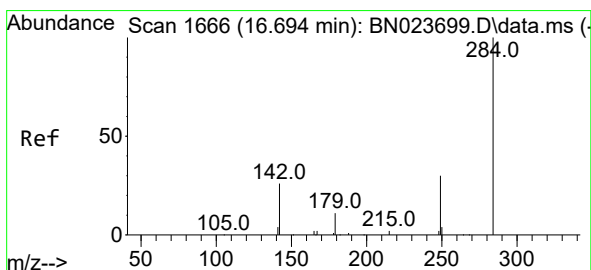
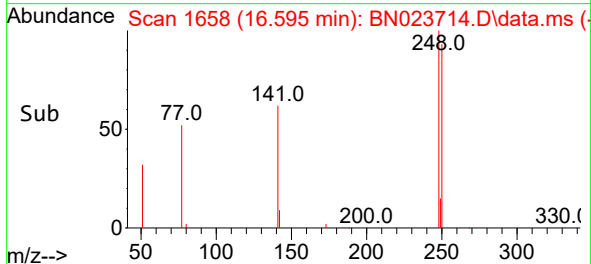
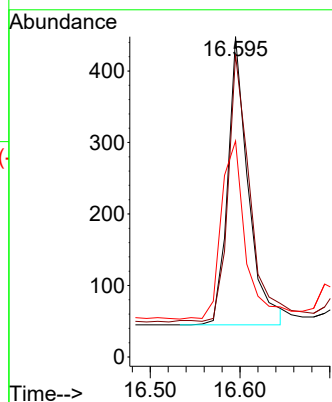
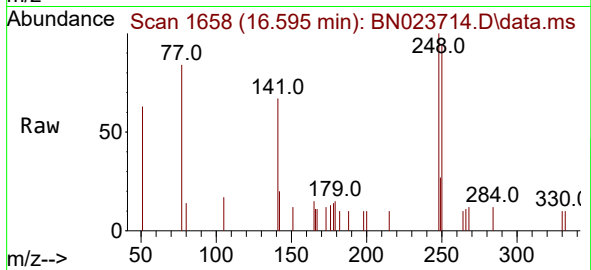




#21  
4-Bromophenyl-phenylether  
Concen: 0.090 ng  
RT: 16.595 min Scan# 1658  
Delta R.T. -0.000 min  
Lab File: BN023714.D  
Acq: 19 Jan 2023 12:08

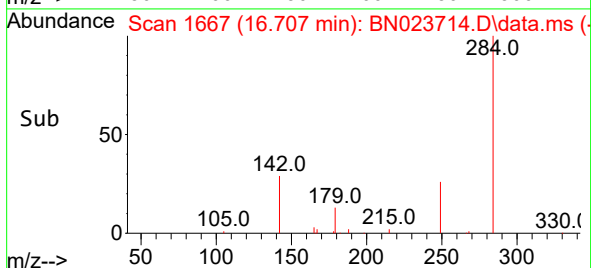
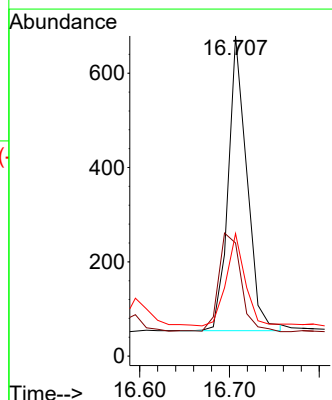
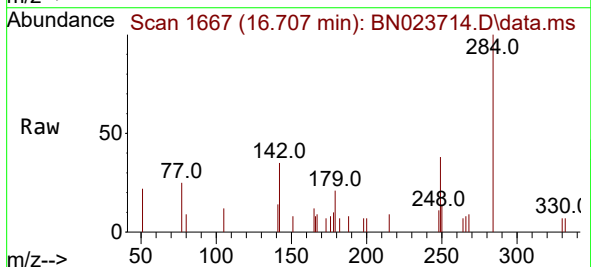
Instrument :  
BNA\_N  
ClientSampleId :  
MDL-WATER-03-QT3-2022

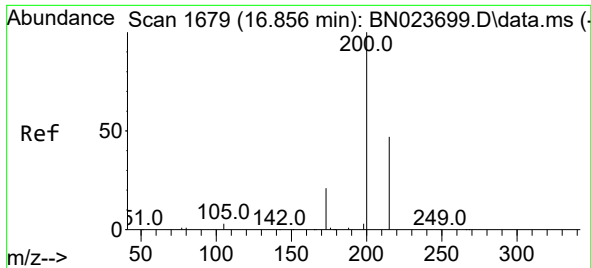
Tgt Ion:248 Resp: 641  
Ion Ratio Lower Upper  
248 100  
250 94.4 79.4 119.0  
141 67.4 40.2 60.4#



#22  
Hexachlorobenzene  
Concen: 0.104 ng  
RT: 16.707 min Scan# 1667  
Delta R.T. -0.000 min  
Lab File: BN023714.D  
Acq: 19 Jan 2023 12:08

Tgt Ion:284 Resp: 905  
Ion Ratio Lower Upper  
284 100  
142 39.8 32.3 48.5  
249 31.5 25.0 37.4





#23

Atrazine

Concen: 0.092 ng

RT: 16.868 min Scan# 1680

Delta R.T. 0.012 min

Lab File: BN023714.D

Acq: 19 Jan 2023 12:08

Instrument :

BNA\_N

ClientSampleId :

MDL-WATER-03-QT3-2022

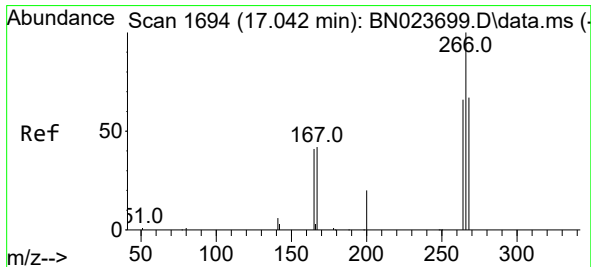
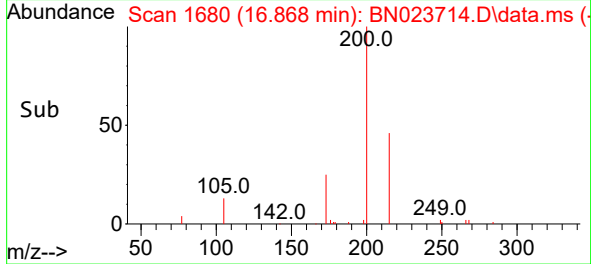
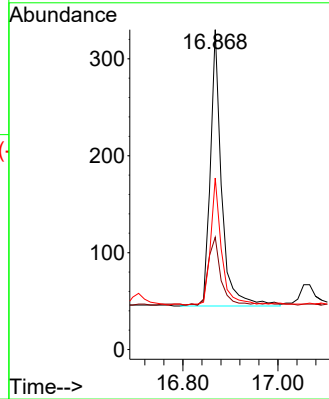
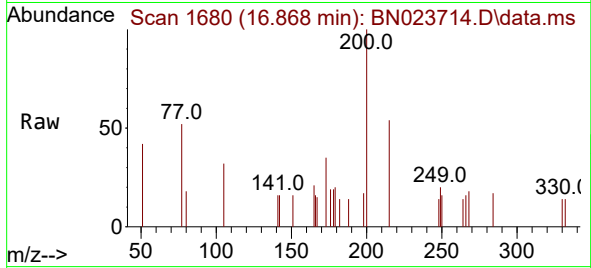
Tgt Ion:200 Resp: 472

Ion Ratio Lower Upper

200 100

173 35.2 19.0 28.4#

215 53.6 39.2 58.8



#24

Pentachlorophenol

Concen: 0.086 ng

RT: 17.067 min Scan# 1696

Delta R.T. 0.012 min

Lab File: BN023714.D

Acq: 19 Jan 2023 12:08

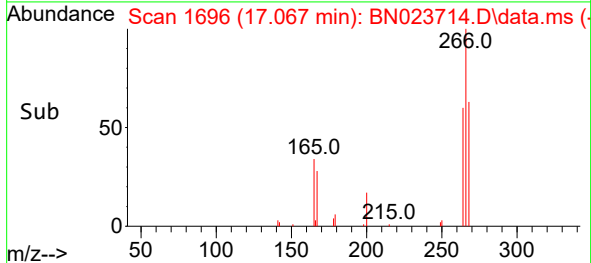
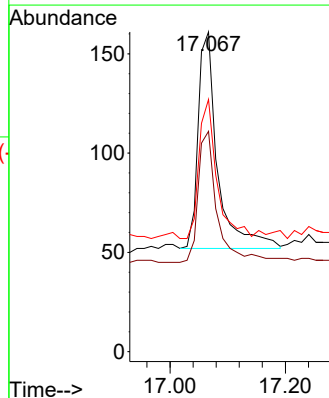
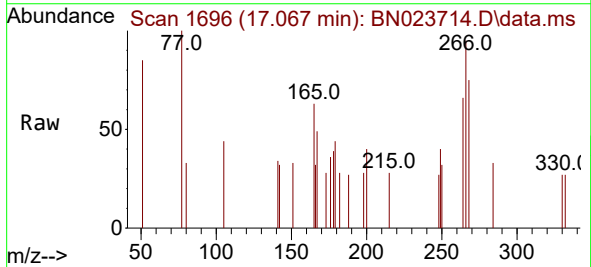
Tgt Ion:266 Resp: 256

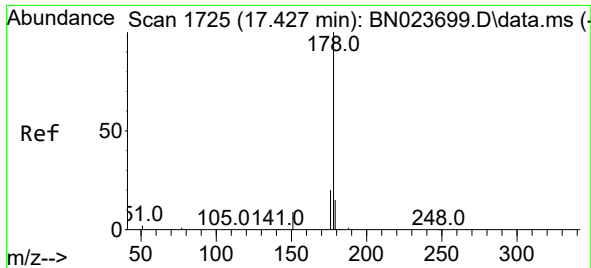
Ion Ratio Lower Upper

266 100

264 59.8 51.4 77.2

268 60.5 52.3 78.5

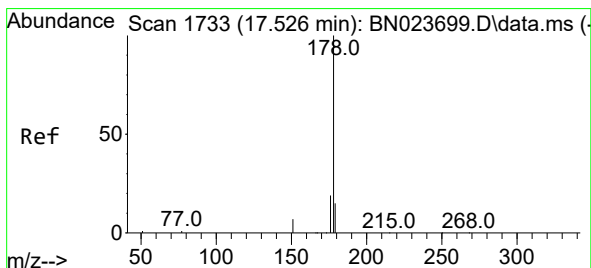
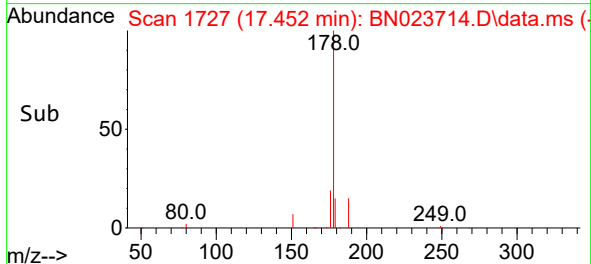
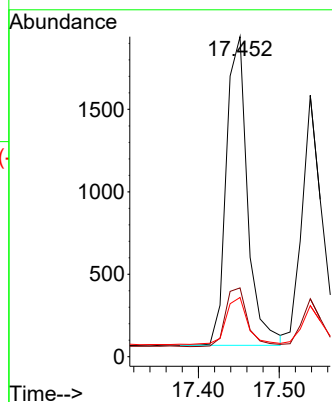
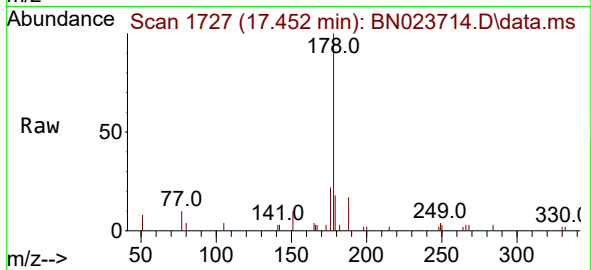




#25  
Phenanthrene  
Concen: 0.095 ng  
RT: 17.452 min Scan# 1727  
Delta R.T. 0.012 min  
Lab File: BN023714.D  
Acq: 19 Jan 2023 12:08

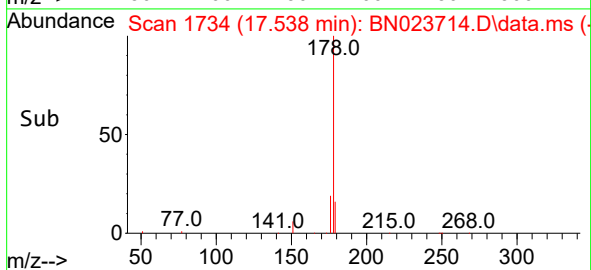
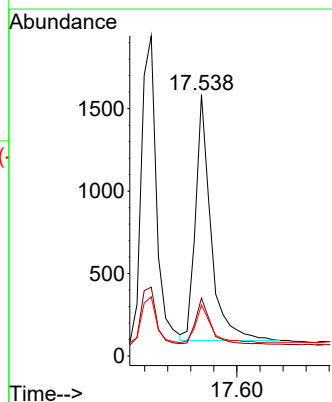
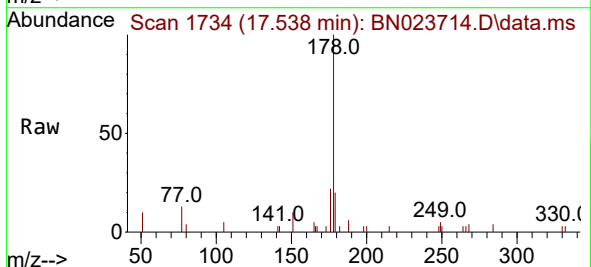
Instrument :  
BNA\_N  
ClientSampleId :  
MDL-WATER-03-QT3-2022

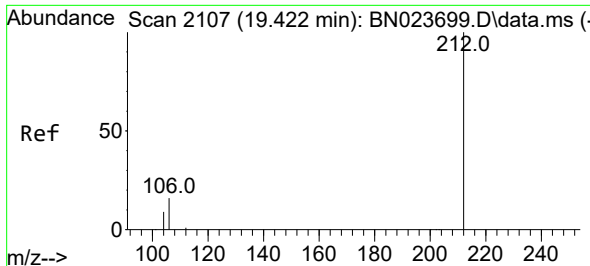
Tgt Ion:178 Resp: 3430  
Ion Ratio Lower Upper  
178 100  
176 19.9 15.5 23.3  
179 15.5 12.2 18.4



#26  
Anthracene  
Concen: 0.094 ng  
RT: 17.538 min Scan# 1734  
Delta R.T. 0.012 min  
Lab File: BN023714.D  
Acq: 19 Jan 2023 12:08

Tgt Ion:178 Resp: 2766  
Ion Ratio Lower Upper  
178 100  
176 18.1 15.2 22.8  
179 15.4 12.0 18.0

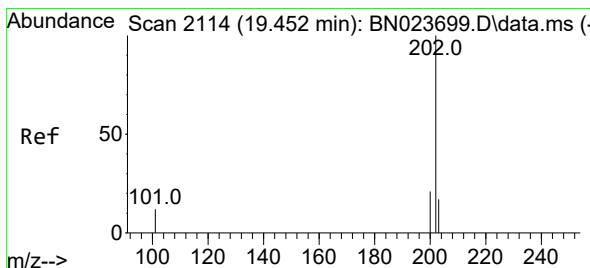
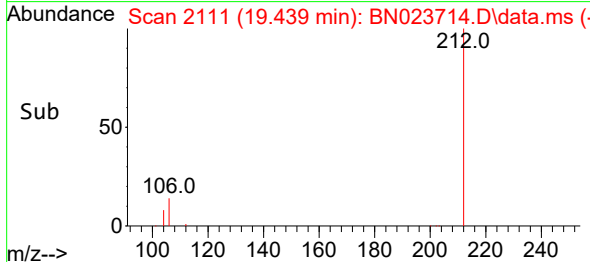
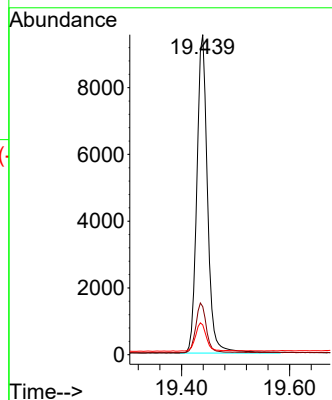
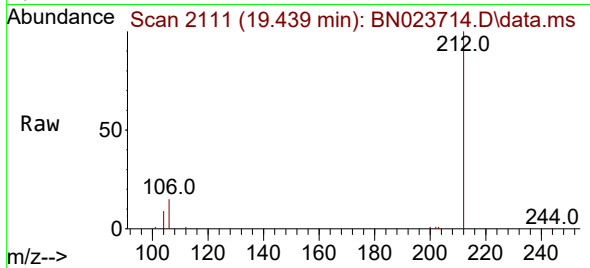




#27  
Fluoranthene-d10  
Concen: 0.446 ng  
RT: 19.439 min Scan# 2111  
Delta R.T. 0.004 min  
Lab File: BN023714.D  
Acq: 19 Jan 2023 12:08

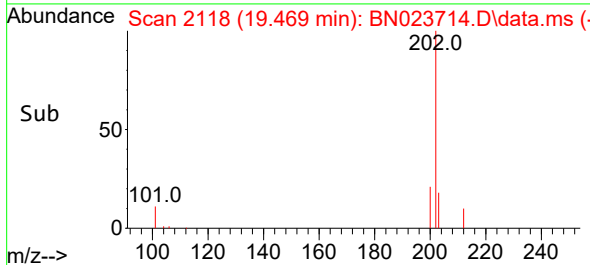
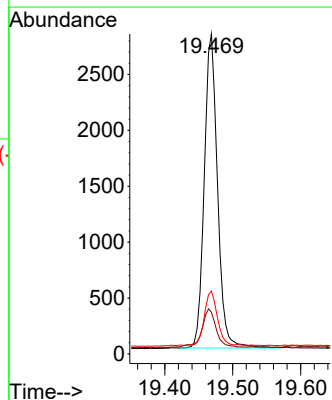
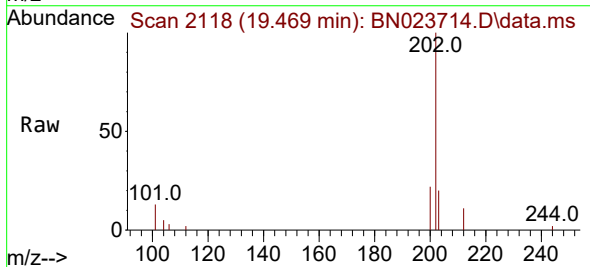
Instrument :  
BNA\_N  
ClientSampleId :  
MDL-WATER-03-QT3-2022

Tgt Ion:212 Resp: 13062  
Ion Ratio Lower Upper  
212 100  
106 15.5 12.4 18.6  
104 9.0 7.1 10.7

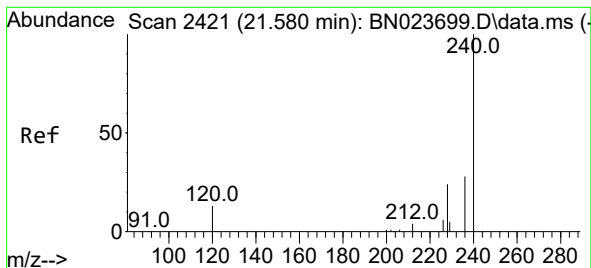


#28  
Fluoranthene  
Concen: 0.096 ng  
RT: 19.469 min Scan# 2118  
Delta R.T. 0.004 min  
Lab File: BN023714.D  
Acq: 19 Jan 2023 12:08

Tgt Ion:202 Resp: 3801  
Ion Ratio Lower Upper  
202 100  
101 13.2 9.7 14.5  
203 19.3 13.6 20.4







#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.593 min Scan# 2421

Delta R.T. 0.004 min

Lab File: BN023714.D

Acq: 19 Jan 2023 12:08

Instrument :

BNA\_N

ClientSampleId :

MDL-WATER-03-QT3-2022

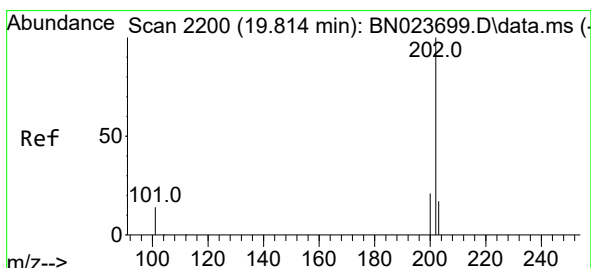
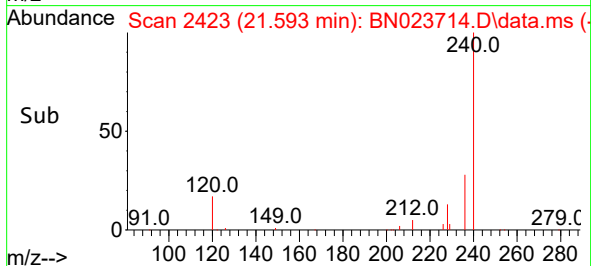
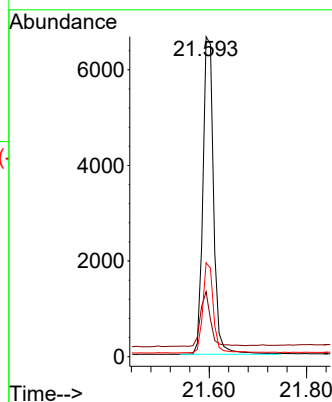
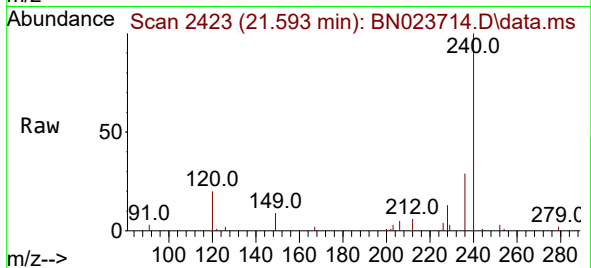
Tgt Ion:240 Resp: 10150

Ion Ratio Lower Upper

240 100

120 20.3 12.0 18.0#

236 29.4 22.8 34.2



#30

Pyrene

Concen: 0.099 ng

RT: 19.831 min Scan# 2204

Delta R.T. 0.004 min

Lab File: BN023714.D

Acq: 19 Jan 2023 12:08

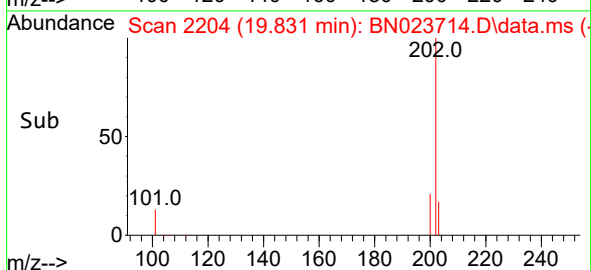
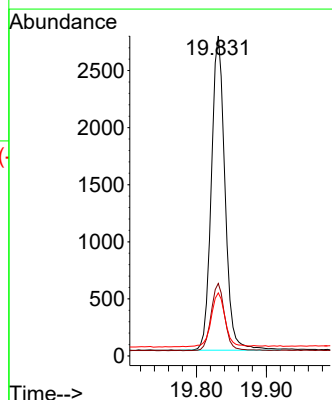
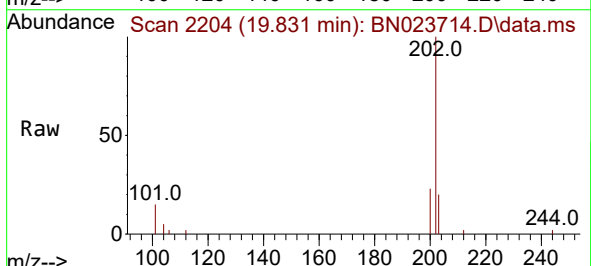
Tgt Ion:202 Resp: 3731

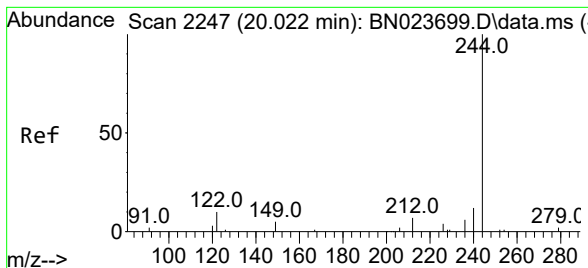
Ion Ratio Lower Upper

202 100

200 21.1 16.9 25.3

203 17.9 14.4 21.6





#31

Terphenyl-d14

Concen: 0.301 ng

RT: 20.035 min Scan# 21

Delta R.T. 0.004 min

Lab File: BN023714.D

Acq: 19 Jan 2023 12:08

Instrument :

BNA\_N

ClientSampleId :

MDL-WATER-03-QT3-2022

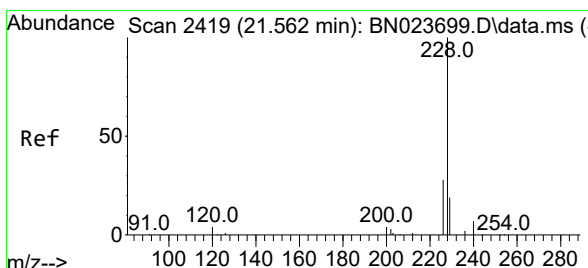
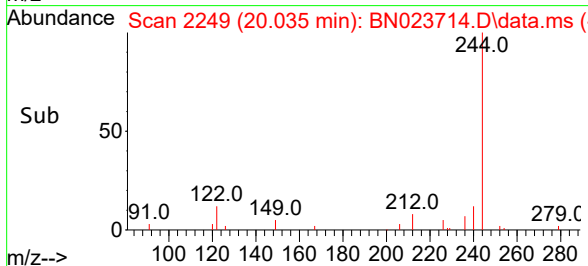
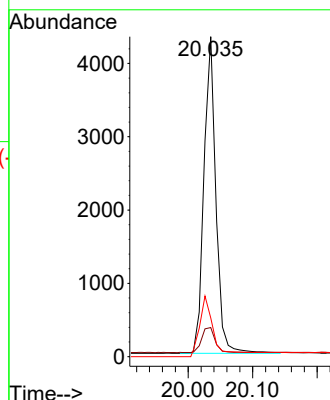
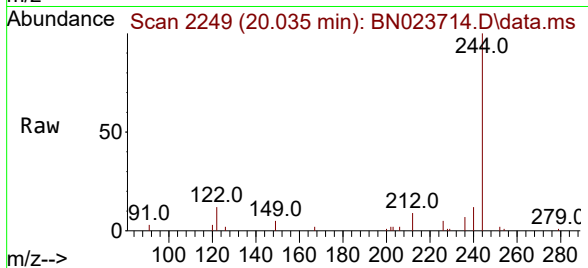
Tgt Ion:244 Resp: 4821

Ion Ratio Lower Upper

244 100

212 9.1 6.5 9.7

122 12.1 7.6 11.4#



#32

Benzo(a)anthracene

Concen: 0.094 ng

RT: 21.584 min Scan# 2422

Delta R.T. 0.004 min

Lab File: BN023714.D

Acq: 19 Jan 2023 12:08

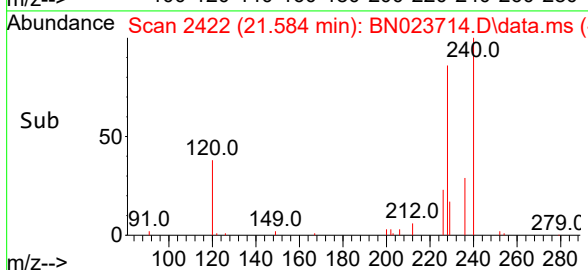
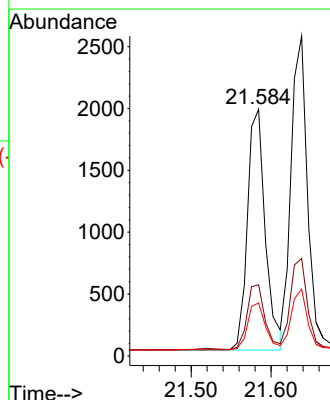
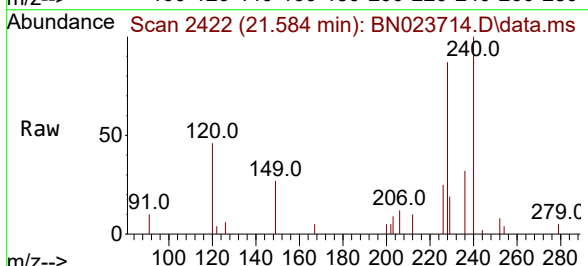
Tgt Ion:228 Resp: 3020

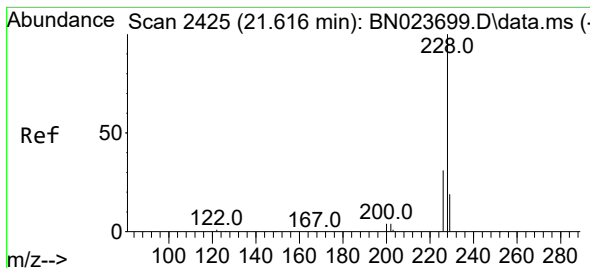
Ion Ratio Lower Upper

228 100

226 28.8 22.4 33.6

229 21.5 15.5 23.3





#33

Chrysene

Concen: 0.100 ng

RT: 21.638 min Scan# 2428

Delta R.T. 0.004 min

Lab File: BN023714.D

Acq: 19 Jan 2023 12:08

Instrument :

BNA\_N

ClientSampleId :

MDL-WATER-03-QT3-2022

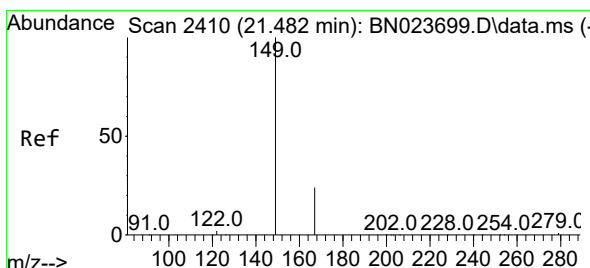
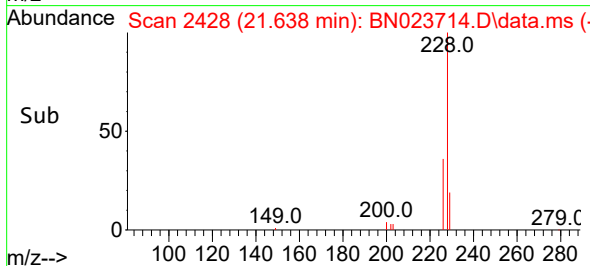
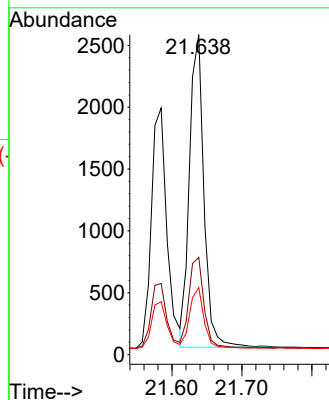
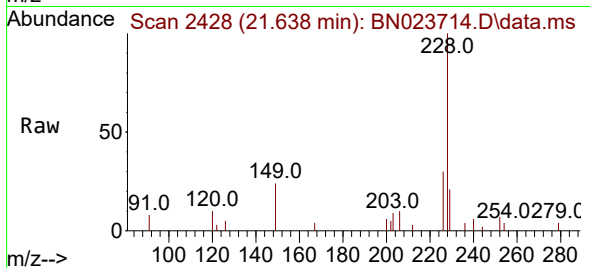
Tgt Ion:228 Resp: 3627

Ion Ratio Lower Upper

228 100

226 30.4 24.6 36.8

229 20.9 15.4 23.0



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.144 ng

RT: 21.504 min Scan# 2413

Delta R.T. 0.004 min

Lab File: BN023714.D

Acq: 19 Jan 2023 12:08

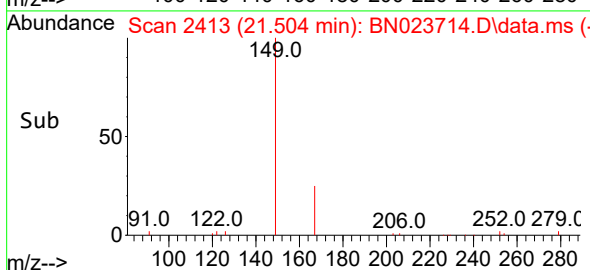
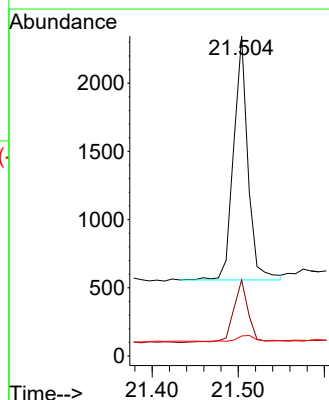
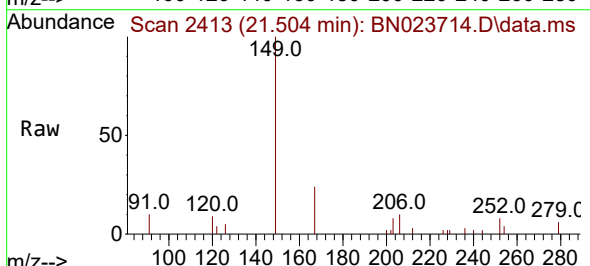
Tgt Ion:149 Resp: 2067

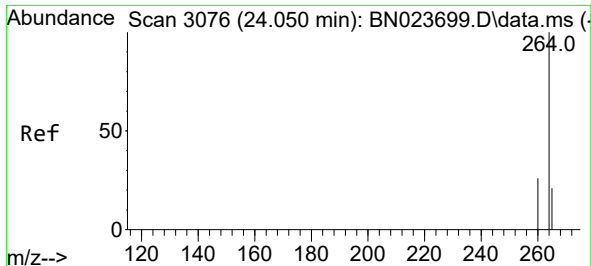
Ion Ratio Lower Upper

149 100

167 26.5 19.8 29.8

279 3.4 2.5 3.7

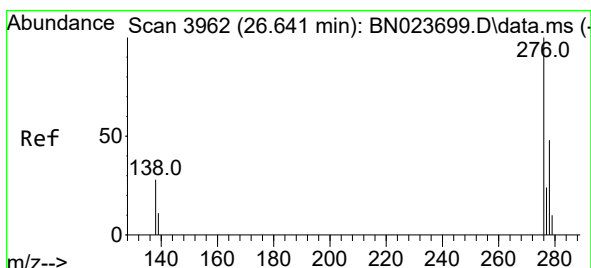
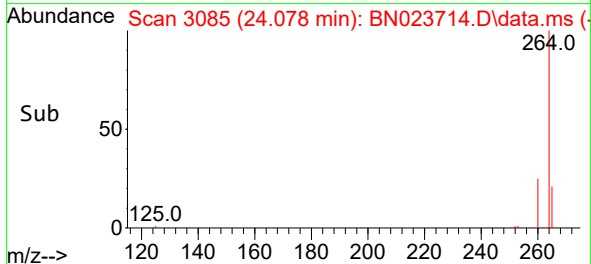
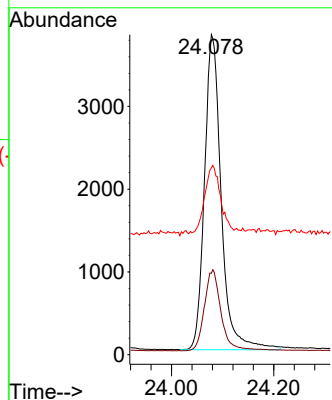
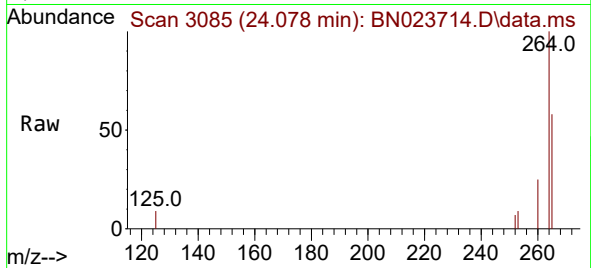




#35  
Perylene-d12  
Concen: 0.400 ng  
RT: 24.078 min Scan# 3076  
Delta R.T. 0.004 min  
Lab File: BN023714.D  
Acq: 19 Jan 2023 12:08

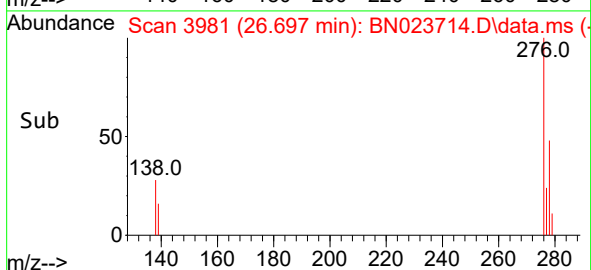
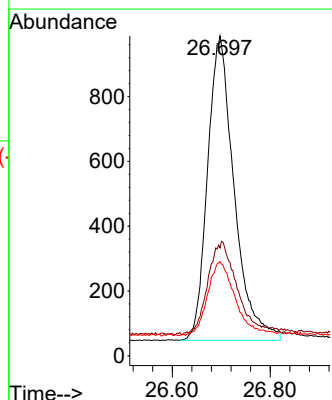
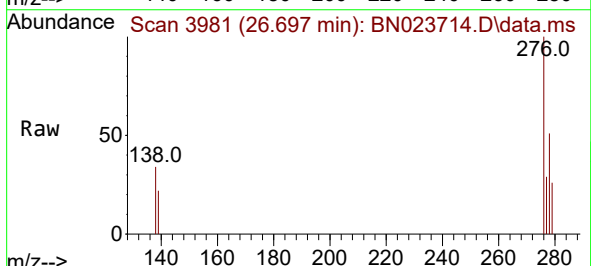
Instrument :  
BNA\_N  
ClientSampleId :  
MDL-WATER-03-QT3-2022

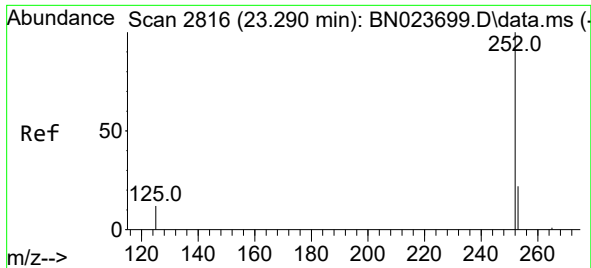
Tgt Ion:264 Resp: 8646  
Ion Ratio Lower Upper  
264 100  
260 25.4 21.0 31.6  
265 58.4 49.9 74.9



#36  
Indeno(1,2,3-cd)pyrene  
Concen: 0.092 ng  
RT: 26.697 min Scan# 3981  
Delta R.T. 0.019 min  
Lab File: BN023714.D  
Acq: 19 Jan 2023 12:08

Tgt Ion:276 Resp: 3538  
Ion Ratio Lower Upper  
276 100  
138 33.4 24.0 36.0  
277 24.6 19.8 29.8

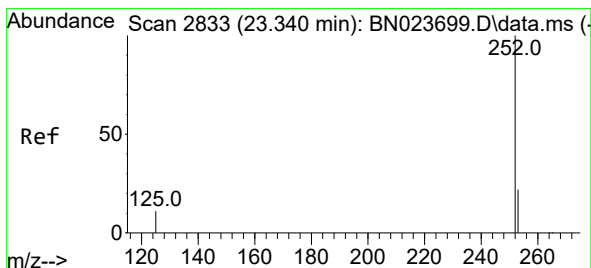
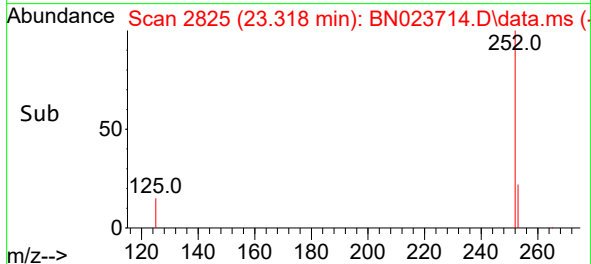
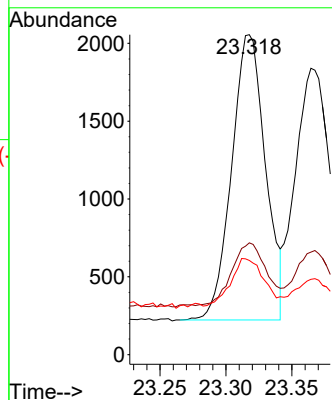
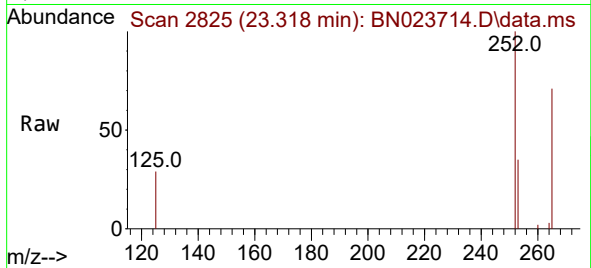




#37  
Benzo(b)fluoranthene  
Concen: 0.091 ng  
RT: 23.318 min Scan# 2825  
Delta R.T. 0.007 min  
Lab File: BN023714.D  
Acq: 19 Jan 2023 12:08

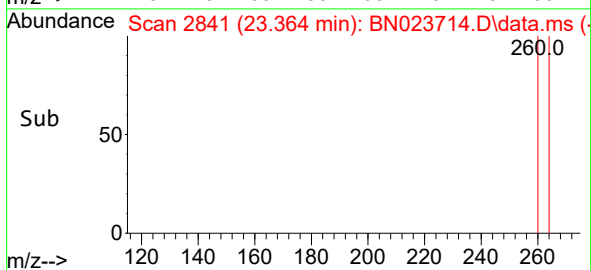
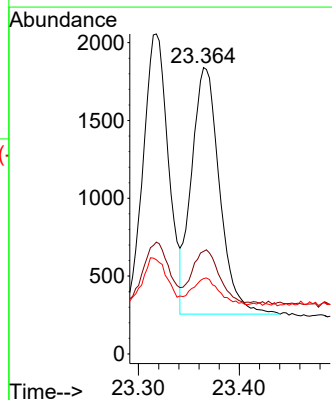
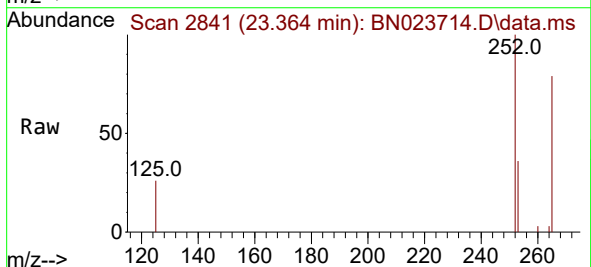
Instrument :  
BNA\_N  
ClientSampleId :  
MDL-WATER-03-QT3-2022

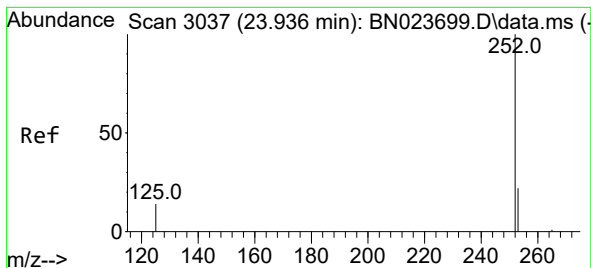
Tgt Ion:252 Resp: 3268  
Ion Ratio Lower Upper  
252 100  
253 34.9 19.9 29.9#  
125 29.4 13.2 19.8#



#38  
Benzo(k)fluoranthene  
Concen: 0.084 ng  
RT: 23.364 min Scan# 2841  
Delta R.T. 0.004 min  
Lab File: BN023714.D  
Acq: 19 Jan 2023 12:08

Tgt Ion:252 Resp: 3067  
Ion Ratio Lower Upper  
252 100  
253 35.8 20.2 30.2#  
125 26.3 12.8 19.2#





#39

Benzo(a)pyrene

Concen: 0.101 ng

RT: 23.967 min Scan# 3047

Delta R.T. 0.007 min

Lab File: BN023714.D

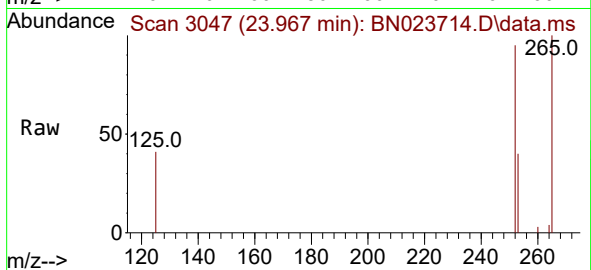
Acq: 19 Jan 2023 12:08

Instrument :

BNA\_N

ClientSampleId :

MDL-WATER-03-QT3-2022



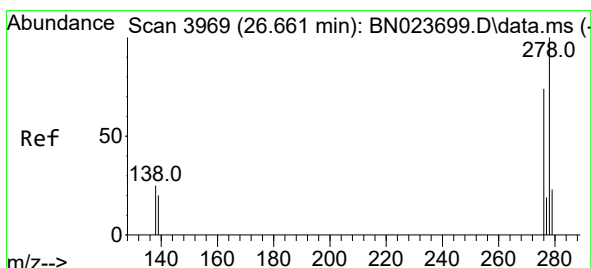
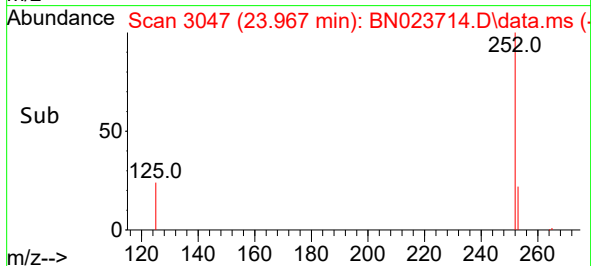
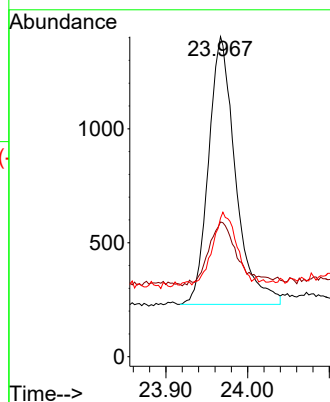
Tgt Ion:252 Resp: 2683

Ion Ratio Lower Upper

252 100

253 42.1 22.4 33.6#

125 43.3 17.7 26.5#



#40

Dibenzo(a,h)anthracene

Concen: 0.092 ng

RT: 26.721 min Scan# 3989

Delta R.T. 0.019 min

Lab File: BN023714.D

Acq: 19 Jan 2023 12:08

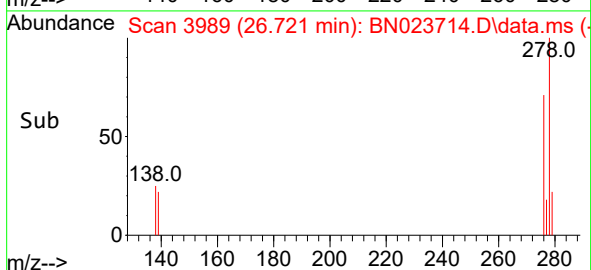
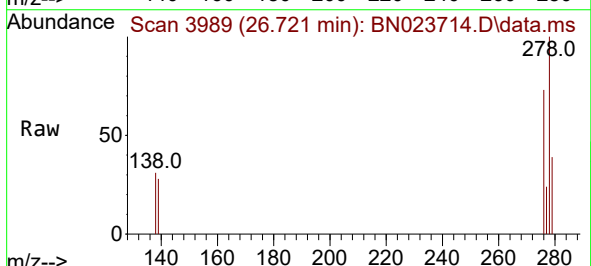
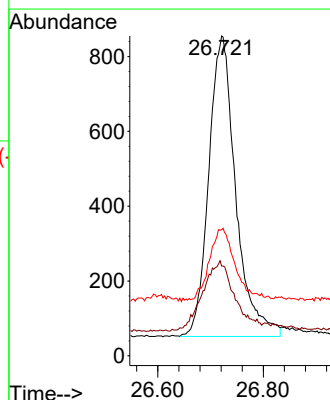
Tgt Ion:278 Resp: 2846

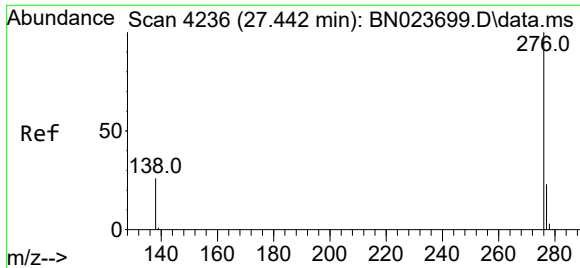
Ion Ratio Lower Upper

278 100

139 28.1 17.2 25.8#

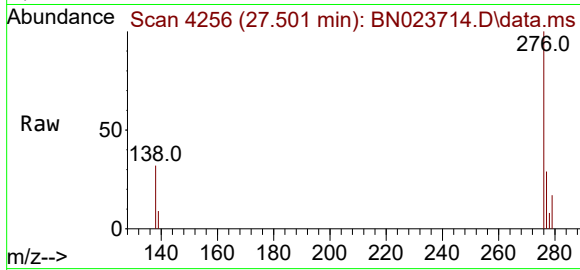
279 39.4 21.4 32.2#





#41  
 Benzo(g,h,i)perylene  
 Concen: 0.092 ng  
 RT: 27.501 min Scan# 41  
 Delta R.T. 0.022 min  
 Lab File: BN023714.D  
 Acq: 19 Jan 2023 12:08

Instrument :  
 BNA\_N  
 ClientSampleId :  
 MDL-WATER-03-QT3-2022



Tgt Ion: 276 Resp: 3024

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 276 | 100   |       |       |
| 277 | 28.9  | 19.4  | 29.0  |
| 138 | 31.8  | 21.8  | 32.8  |

