

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN013024\  
 Data File : BN029433.D  
 Acq On : 31 Jan 2024 03:57  
 Operator : MA/JU  
 Sample : 04699-08  
 Misc : LOQ-WATER-0.2NG  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 LOQ-WATER-02-QT4-2023

Quant Time: Jan 31 05:07:37 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN012924.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Jan 30 03:38:24 2024  
 Response via : Initial Calibration

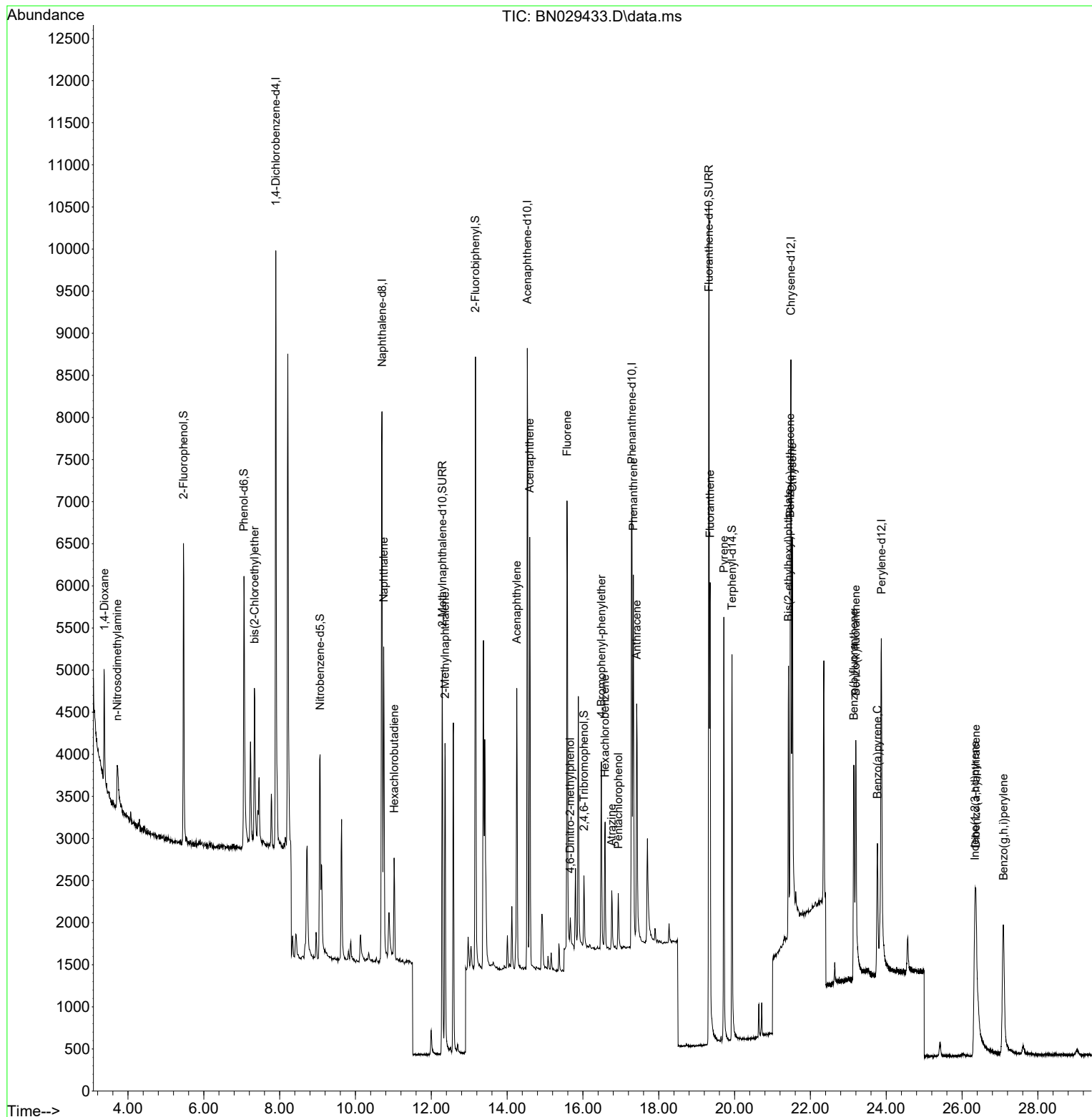
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.898  | 152  | 3547     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.701 | 136  | 9555     | 0.400 | ng    | 0.00     |
| 13) Acenaphthene-d10          | 14.533 | 164  | 4360     | 0.400 | ng    | -0.01    |
| 19) Phenanthrene-d10          | 17.293 | 188  | 8711     | 0.400 | ng    | 0.00     |
| 29) Chrysene-d12              | 21.487 | 240  | 6193     | 0.400 | ng    | # 0.00   |
| 35) Perylene-d12              | 23.872 | 264  | 6465     | 0.400 | ng    | -0.01    |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.464  | 112  | 3017     | 0.354 | ng    | 0.00     |
| 5) Phenol-d6                  | 7.060  | 99   | 3593     | 0.365 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 9.068  | 82   | 2661     | 0.335 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 12.291 | 152  | 6782     | 0.521 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 16.027 | 330  | 477      | 0.341 | ng    | -0.01    |
| 15) 2-Fluorobiphenyl          | 13.164 | 172  | 6393     | 0.342 | ng    | -0.01    |
| 27) Fluoranthene-d10          | 19.322 | 212  | 12005    | 0.569 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.931 | 244  | 5055     | 0.329 | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       |          |
| 2) 1,4-Dioxane                | 3.377  | 88   | 994      | 0.199 | ng    | 96       |
| 3) n-Nitrosodimethylamine     | 3.716  | 42   | 614      | 0.151 | ng    | # 95     |
| 6) bis(2-Chloroethyl)ether    | 7.335  | 93   | 1583     | 0.169 | ng    | 96       |
| 9) Naphthalene                | 10.744 | 128  | 4868     | 0.179 | ng    | 98       |
| 10) Hexachlorobutadiene       | 11.021 | 225  | 921      | 0.178 | ng    | # 99     |
| 12) 2-Methylnaphthalene       | 12.363 | 142  | 2727     | 0.171 | ng    | 98       |
| 16) Acenaphthylene            | 14.255 | 152  | 3831     | 0.185 | ng    | 99       |
| 17) Acenaphthene              | 14.597 | 154  | 2453     | 0.176 | ng    | 99       |
| 18) Fluorene                  | 15.580 | 166  | 3127     | 0.179 | ng    | 97       |
| 20) 4,6-Dinitro-2-methylph... | 15.667 | 198  | 254      | 0.198 | ng    | # 80     |
| 21) 4-Bromophenyl-phenylether | 16.486 | 248  | 874      | 0.169 | ng    | # 90     |
| 22) Hexachlorobenzene         | 16.585 | 284  | 1124     | 0.177 | ng    | 99       |
| 23) Atrazine                  | 16.759 | 200  | 681      | 0.185 | ng    | # 88     |
| 24) Pentachlorophenol         | 16.933 | 266  | 341      | 0.169 | ng    | 96       |
| 25) Phenanthrene              | 17.330 | 178  | 4603     | 0.179 | ng    | 99       |
| 26) Anthracene                | 17.417 | 178  | 3811     | 0.174 | ng    | 98       |
| 28) Fluoranthene              | 19.355 | 202  | 5009     | 0.173 | ng    | 99       |
| 30) Pyrene                    | 19.717 | 202  | 4959     | 0.174 | ng    | 99       |
| 32) Benzo(a)anthracene        | 21.470 | 228  | 3500     | 0.165 | ng    | 98       |
| 33) Chrysene                  | 21.523 | 228  | 4245     | 0.177 | ng    | 98       |
| 34) Bis(2-ethylhexyl)phtha... | 21.425 | 149  | 2872     | 0.199 | ng    | # 94     |
| 36) Indeno(1,2,3-cd)pyrene    | 26.336 | 276  | 4196     | 0.161 | ng    | 96       |
| 37) Benzo(b)fluoranthene      | 23.147 | 252  | 3733     | 0.161 | ng    | # 87     |
| 38) Benzo(k)fluoranthene      | 23.196 | 252  | 3910     | 0.162 | ng    | # 80     |
| 39) Benzo(a)pyrene            | 23.767 | 252  | 3307     | 0.164 | ng    | # 83     |
| 40) Dibenzo(a,h)anthracene    | 26.366 | 278  | 3258     | 0.157 | ng    | 91       |
| 41) Benzo(g,h,i)perylene      | 27.094 | 276  | 3975     | 0.158 | ng    | 95       |

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

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 Operator : MA/JU  
 Sample : 04699-08  
 Misc : LOQ-WATER-0.2NG  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 LOQ-WATER-02-QT4-2023

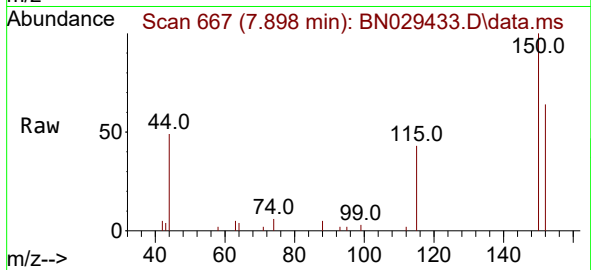
Quant Time: Jan 31 05:07:37 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN012924.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
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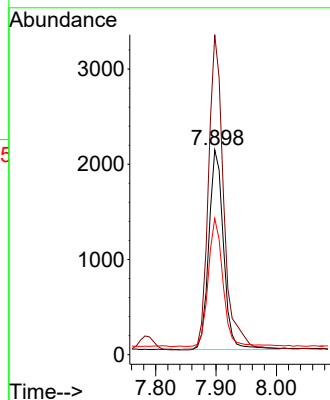
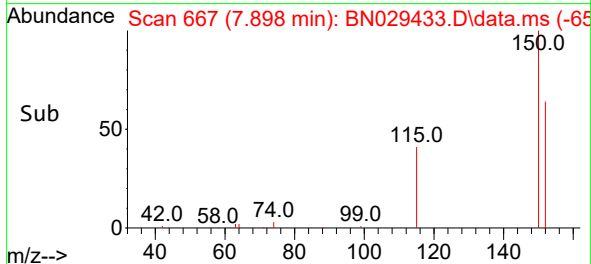


#1  
1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 7.898 min Scan# 668  
Delta R.T. -0.007 min  
Lab File: BN029433.D  
Acq: 31 Jan 2024 03:57

Instrument :  
BNA\_N  
ClientSampleId :  
LOQ-WATER-02-QT4-2023

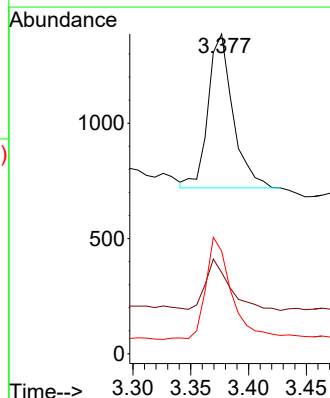
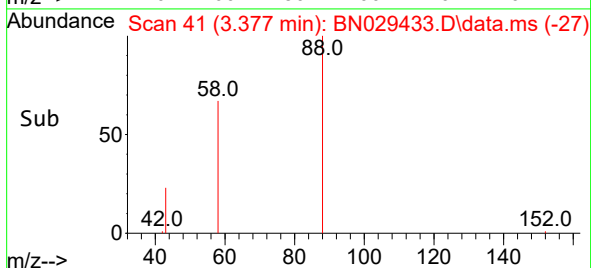
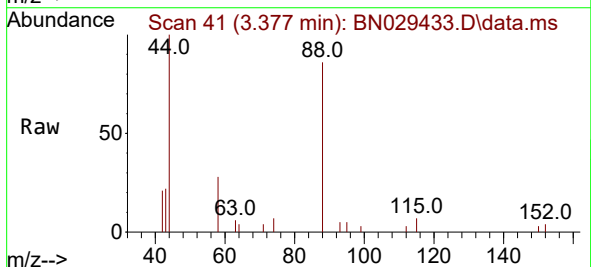


Tgt Ion:152 Resp: 3547  
Ion Ratio Lower Upper  
152 100  
150 156.2 123.0 184.4  
115 66.4 51.4 77.0



#2  
1,4-Dioxane  
Concen: 0.199 ng  
RT: 3.377 min Scan# 41  
Delta R.T. 0.000 min  
Lab File: BN029433.D  
Acq: 31 Jan 2024 03:57

Tgt Ion: 88 Resp: 994  
Ion Ratio Lower Upper  
88 100  
43 32.8 23.3 34.9  
58 68.9 53.8 80.6

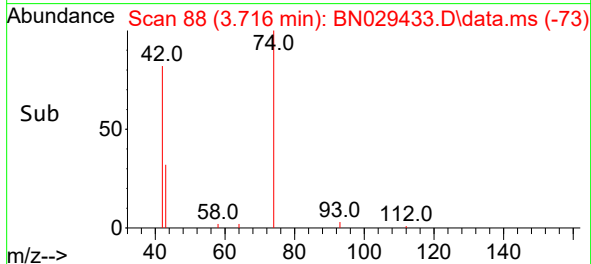
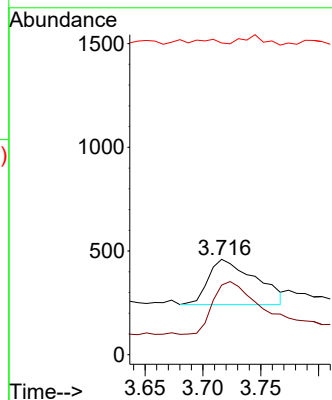
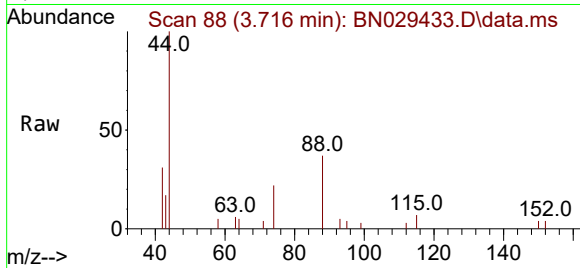




#3  
n-Nitrosodimethylamine  
Concen: 0.151 ng  
RT: 3.716 min Scan# 81  
Delta R.T. 0.007 min  
Lab File: BN029433.D  
Acq: 31 Jan 2024 03:57

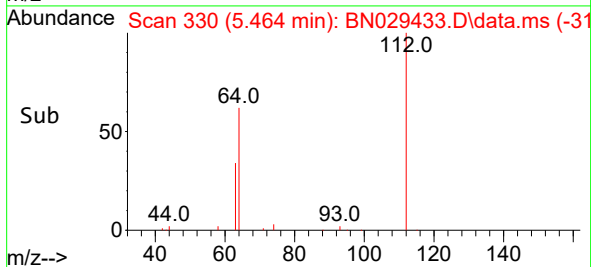
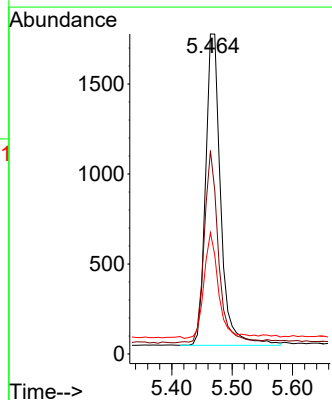
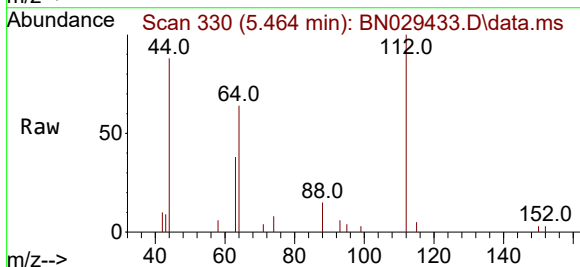
Instrument :  
BNA\_N  
ClientSampleId :  
LOQ-WATER-02-QT4-2023

Tgt Ion: 42 Resp: 614  
Ion Ratio Lower Upper  
42 100  
74 119.7 93.7 140.5  
44 6.4 13.0 19.4#



#4  
2-Fluorophenol  
Concen: 0.354 ng  
RT: 5.464 min Scan# 330  
Delta R.T. -0.007 min  
Lab File: BN029433.D  
Acq: 31 Jan 2024 03:57

Tgt Ion: 112 Resp: 3017  
Ion Ratio Lower Upper  
112 100  
64 58.0 47.2 70.8  
63 32.8 25.8 38.6

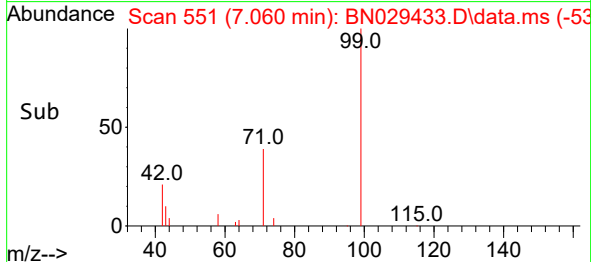
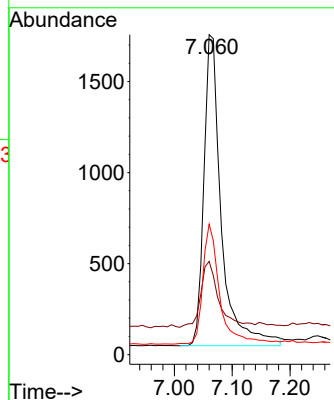
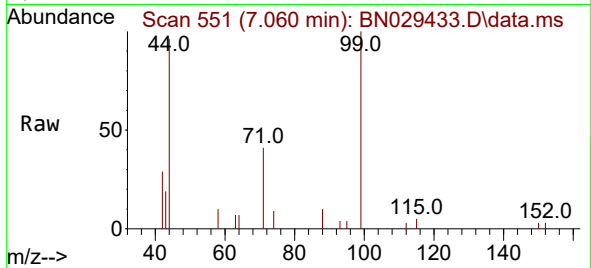




#5  
Phenol-d6  
Concen: 0.365 ng  
RT: 7.060 min Scan# 51  
Delta R.T. -0.007 min  
Lab File: BN029433.D  
Acq: 31 Jan 2024 03:57

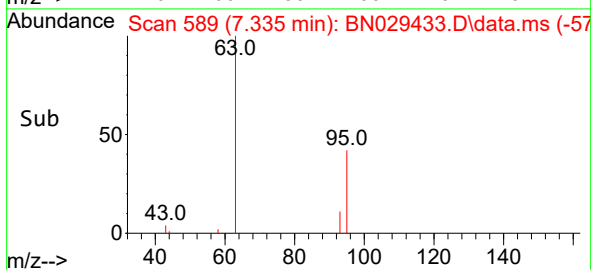
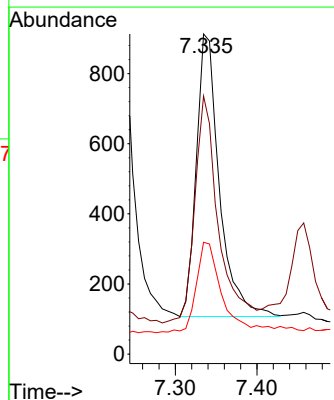
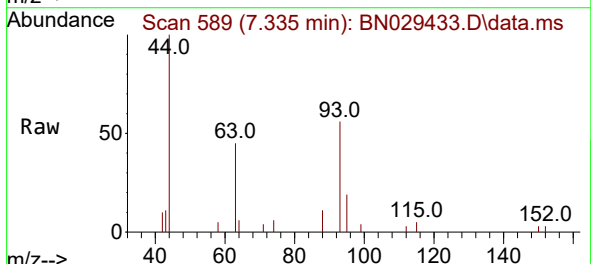
Instrument :  
BNA\_N  
ClientSampleId :  
LOQ-WATER-02-QT4-2023

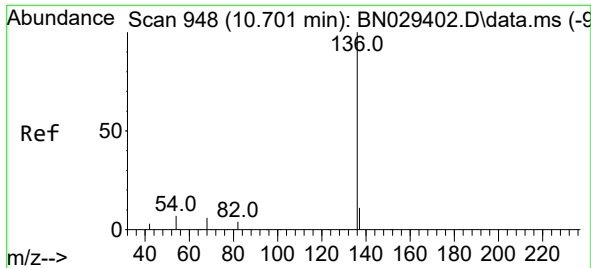
Tgt Ion: 99 Resp: 3593  
Ion Ratio Lower Upper  
99 100  
42 21.8 16.9 25.3  
71 37.4 30.0 45.0



#6  
bis(2-Chloroethyl)ether  
Concen: 0.169 ng  
RT: 7.335 min Scan# 589  
Delta R.T. -0.007 min  
Lab File: BN029433.D  
Acq: 31 Jan 2024 03:57

Tgt Ion: 93 Resp: 1583  
Ion Ratio Lower Upper  
93 100  
63 82.0 63.1 94.7  
95 35.9 27.1 40.7

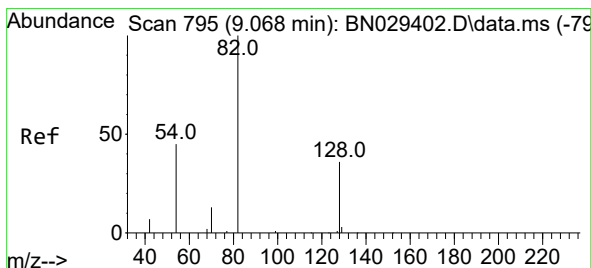
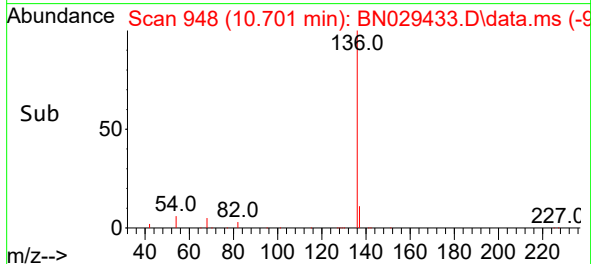
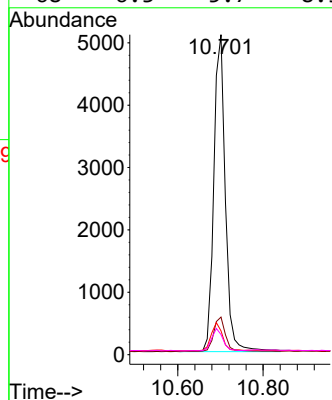
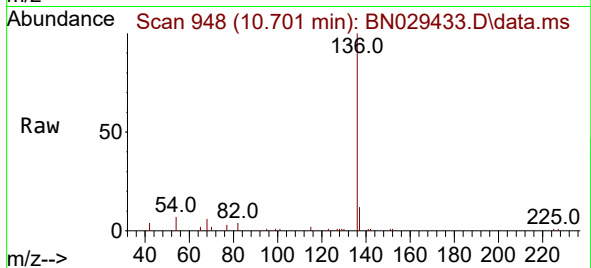




#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.701 min Scan# 948  
Delta R.T. 0.000 min  
Lab File: BN029433.D  
Acq: 31 Jan 2024 03:57

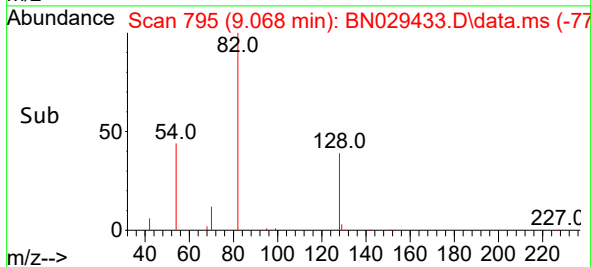
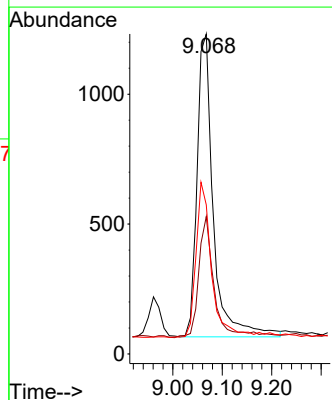
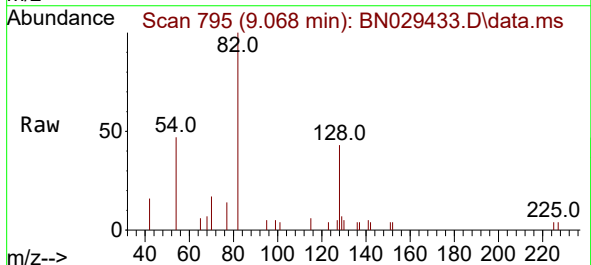
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LOQ-WATER-02-QT4-2023

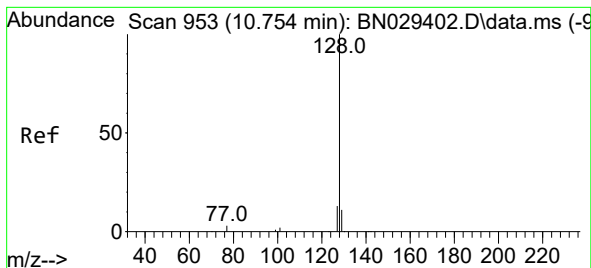
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|----------|-------|-------|-------|
| Tgt Ion: | 136   | Resp: | 9555  |
| Ion      | Ratio | Lower | Upper |
| 136      | 100   |       |       |
| 137      | 11.8  | 9.7   | 14.5  |
| 54       | 7.4   | 6.6   | 10.0  |
| 68       | 6.3   | 5.7   | 8.5   |



#8  
Nitrobenzene-d5  
Concen: 0.335 ng  
RT: 9.068 min Scan# 795  
Delta R.T. 0.000 min  
Lab File: BN029433.D  
Acq: 31 Jan 2024 03:57

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 82    | Resp: | 2661  |
| Ion      | Ratio | Lower | Upper |
| 82       | 100   |       |       |
| 128      | 42.9  | 31.6  | 47.4  |
| 54       | 46.6  | 38.2  | 57.4  |





#9

Naphthalene

Concen: 0.179 ng

RT: 10.744 min Scan# 91

Delta R.T. -0.011 min

Lab File: BN029433.D

Acq: 31 Jan 2024 03:57

Instrument :

BNA\_N

ClientSampleId :

LOQ-WATER-02-QT4-2023

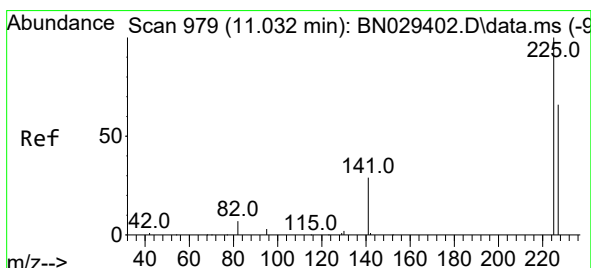
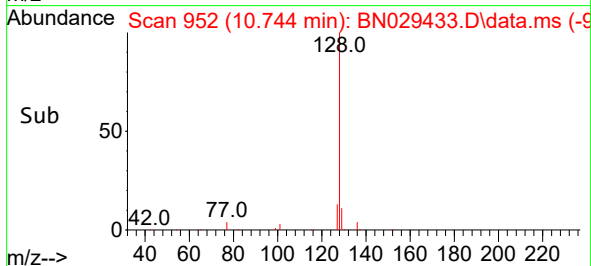
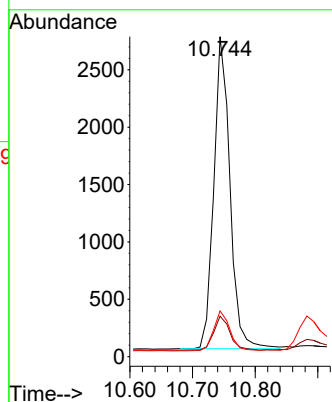
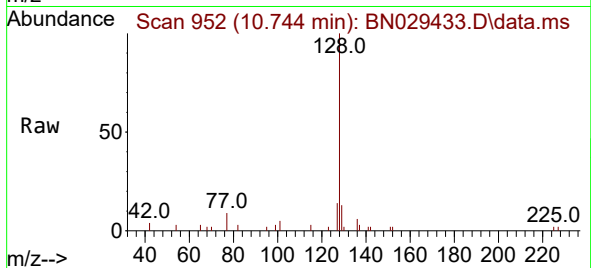
Tgt Ion:128 Resp: 4868

Ion Ratio Lower Upper

128 100

129 12.7 9.5 14.3

127 14.3 10.8 16.2



#10

Hexachlorobutadiene

Concen: 0.178 ng

RT: 11.021 min Scan# 978

Delta R.T. -0.011 min

Lab File: BN029433.D

Acq: 31 Jan 2024 03:57

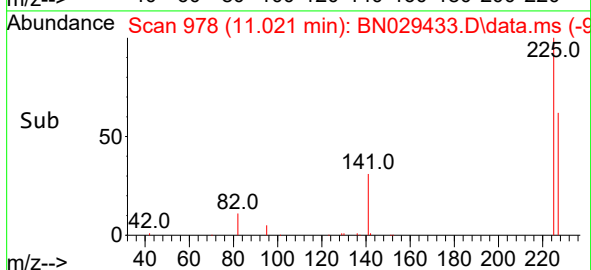
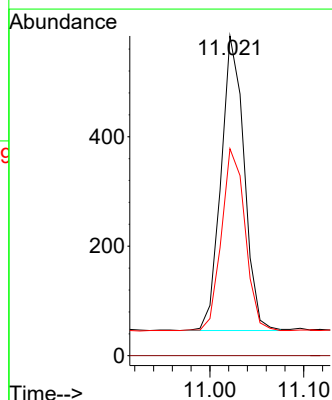
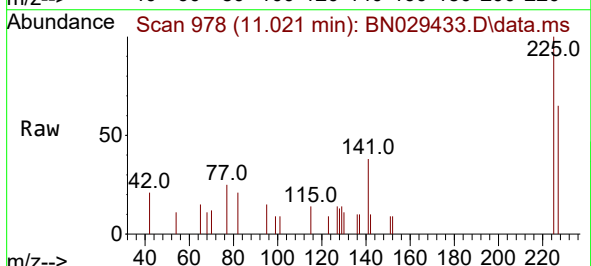
Tgt Ion:225 Resp: 921

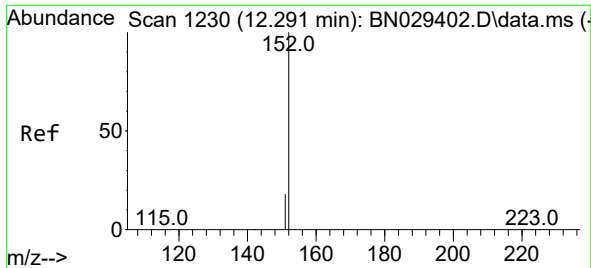
Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

227 62.9 51.1 76.7

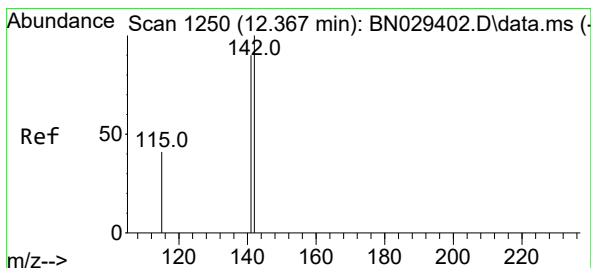
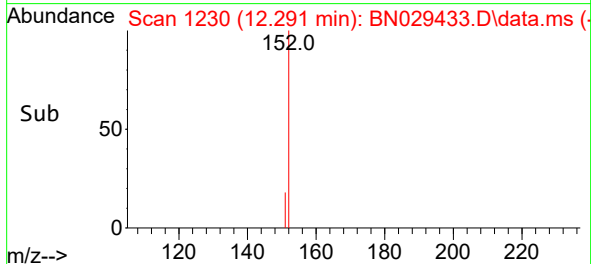
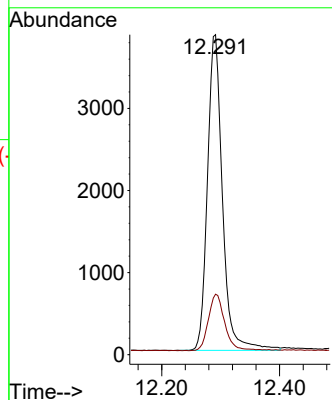
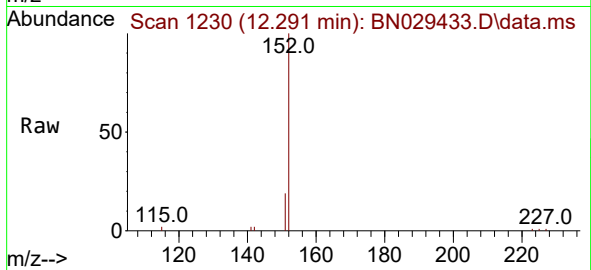




#11  
2-Methylnaphthalene-d10  
Concen: 0.521 ng  
RT: 12.291 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BN029433.D  
Acq: 31 Jan 2024 03:57

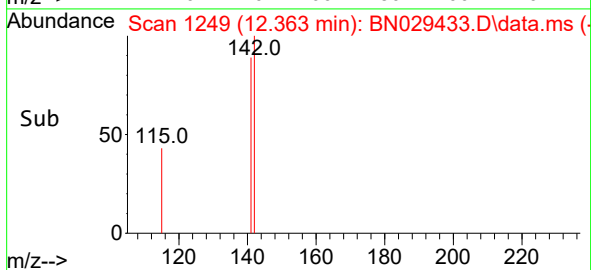
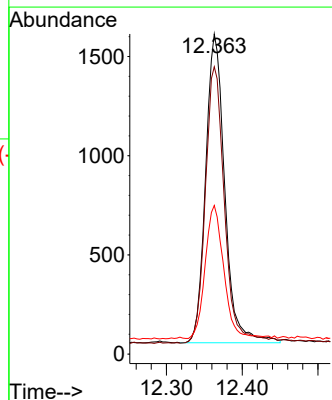
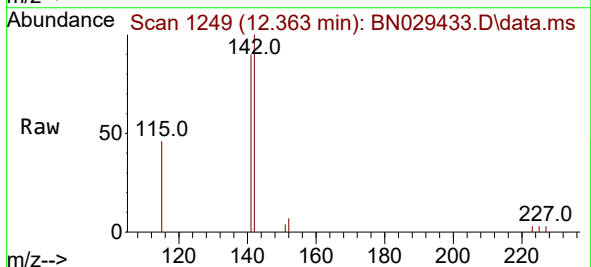
Instrument :  
BNA\_N  
ClientSampleId :  
LOQ-WATER-02-QT4-2023

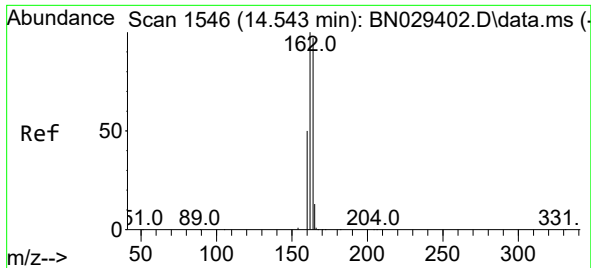
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Ion Ratio Lower Upper  
152 100  
151 19.5 17.1 25.7



#12  
2-Methylnaphthalene  
Concen: 0.171 ng  
RT: 12.363 min Scan# 1249  
Delta R.T. -0.004 min  
Lab File: BN029433.D  
Acq: 31 Jan 2024 03:57

Tgt Ion:142 Resp: 2727  
Ion Ratio Lower Upper  
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115 46.4 33.9 50.9

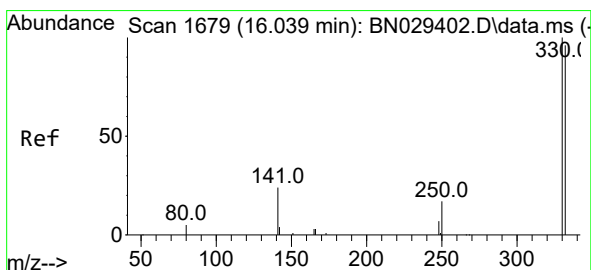
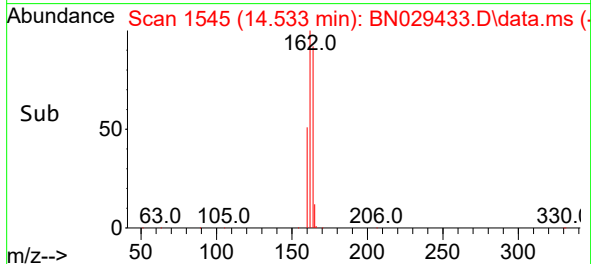
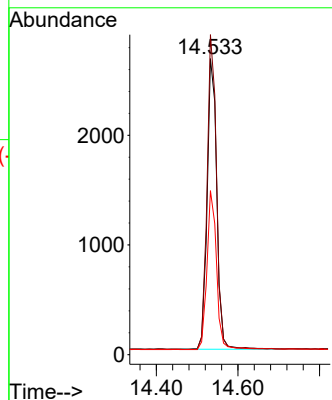
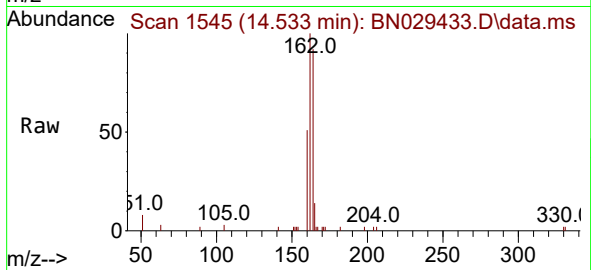




#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.533 min Scan# 1545  
Delta R.T. -0.011 min  
Lab File: BN029433.D  
Acq: 31 Jan 2024 03:57

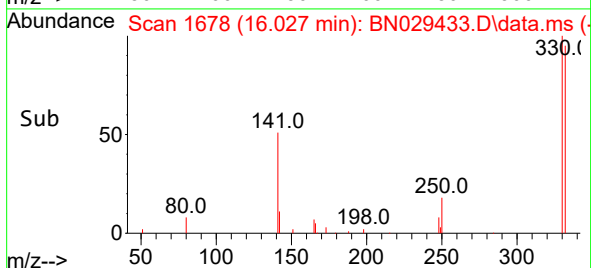
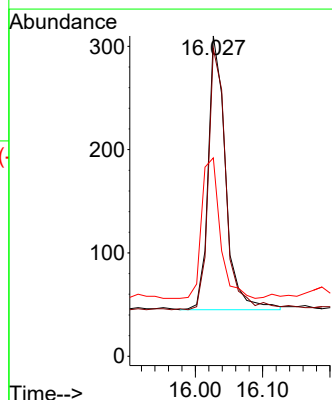
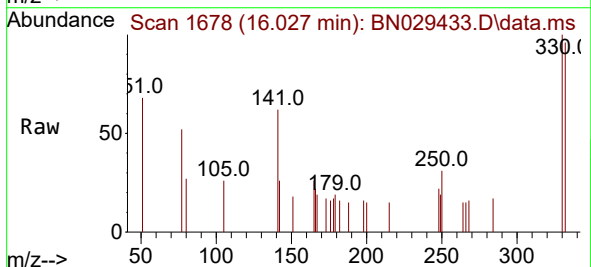
Instrument :  
BNA\_N  
ClientSampleId :  
LOQ-WATER-02-QT4-2023

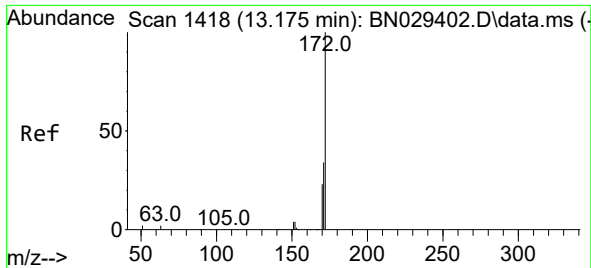
Tgt Ion:164 Resp: 4360  
Ion Ratio Lower Upper  
164 100  
162 108.1 82.6 123.8  
160 55.4 41.5 62.3



#14  
2,4,6-Tribromophenol  
Concen: 0.341 ng  
RT: 16.027 min Scan# 1678  
Delta R.T. -0.012 min  
Lab File: BN029433.D  
Acq: 31 Jan 2024 03:57

Tgt Ion:330 Resp: 477  
Ion Ratio Lower Upper  
330 100  
332 96.4 76.0 114.0  
141 54.5 43.4 65.2

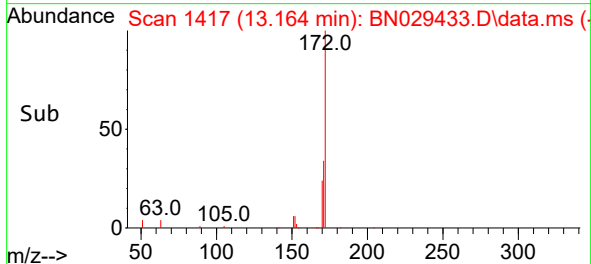
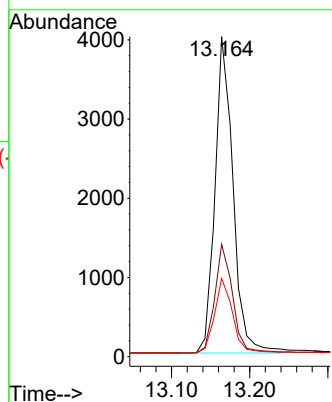
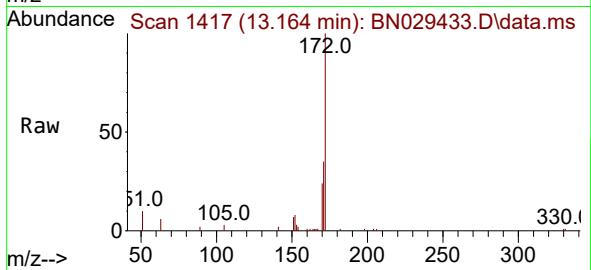




#15  
2-Fluorobiphenyl  
Concen: 0.342 ng  
RT: 13.164 min Scan# 1417  
Delta R.T. -0.011 min  
Lab File: BN029433.D  
Acq: 31 Jan 2024 03:57

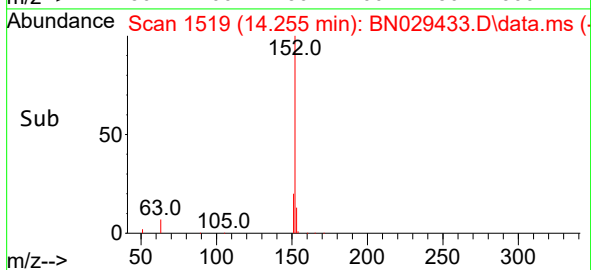
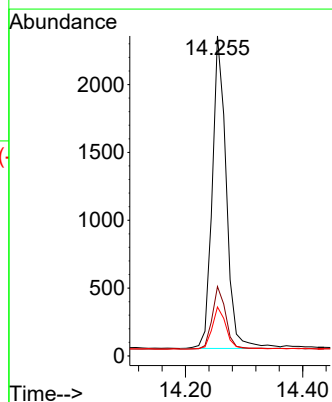
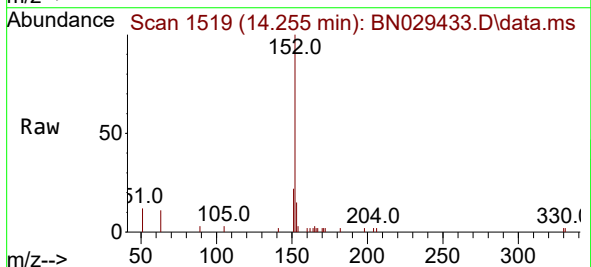
Instrument : BNA\_N  
ClientSampleId : LOQ-WATER-02-QT4-2023

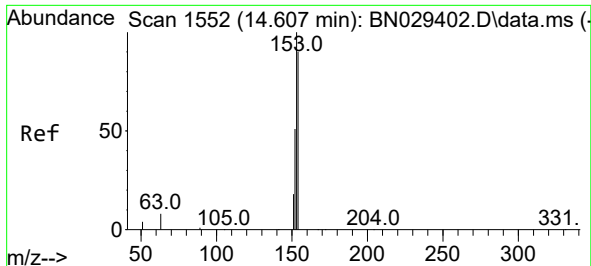
|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 172   | Resp: | 6393 |
| Ion Ratio | Lower | Upper |      |
| 172       | 100   |       |      |
| 171       | 35.1  | 28.0  | 42.0 |
| 170       | 24.5  | 18.7  | 28.1 |



#16  
Acenaphthylene  
Concen: 0.185 ng  
RT: 14.255 min Scan# 1519  
Delta R.T. -0.011 min  
Lab File: BN029433.D  
Acq: 31 Jan 2024 03:57

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 152   | Resp: | 3831 |
| Ion Ratio | Lower | Upper |      |
| 152       | 100   |       |      |
| 151       | 19.3  | 15.9  | 23.9 |
| 153       | 13.7  | 10.5  | 15.7 |

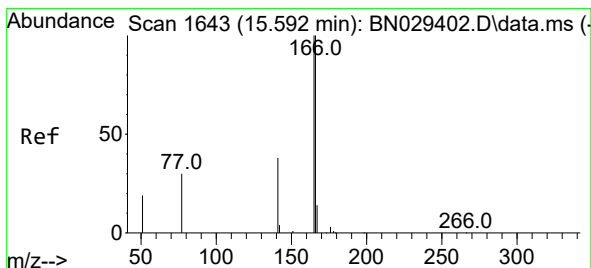
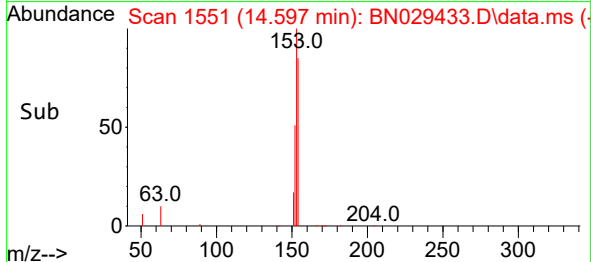
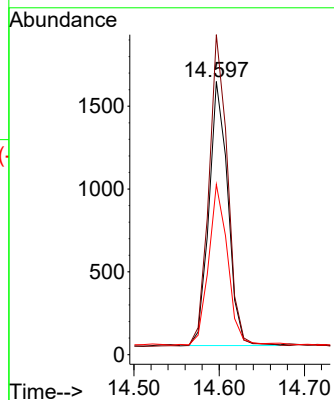
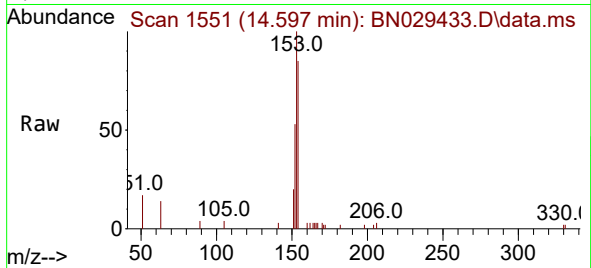




#17  
Acenaphthene  
Concen: 0.176 ng  
RT: 14.597 min Scan# 1551  
Delta R.T. -0.011 min  
Lab File: BN029433.D  
Acq: 31 Jan 2024 03:57

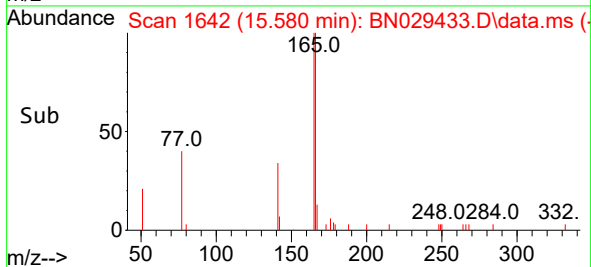
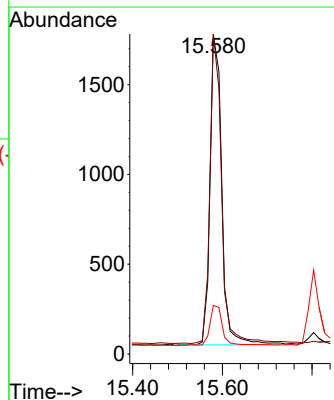
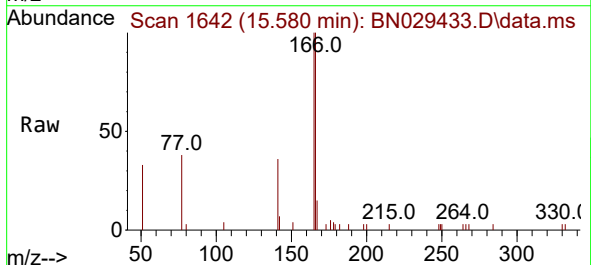
Instrument :  
BNA\_N  
ClientSampleId :  
LOQ-WATER-02-QT4-2023

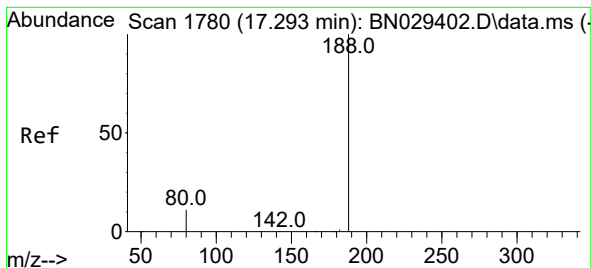
Tgt Ion:154 Resp: 2453  
Ion Ratio Lower Upper  
154 100  
153 117.8 93.6 140.4  
152 62.1 48.6 73.0



#18  
Fluorene  
Concen: 0.179 ng  
RT: 15.580 min Scan# 1642  
Delta R.T. -0.012 min  
Lab File: BN029433.D  
Acq: 31 Jan 2024 03:57

Tgt Ion:166 Resp: 3127  
Ion Ratio Lower Upper  
166 100  
165 97.0 79.9 119.9  
167 13.6 11.3 16.9





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.293 min Scan# 1

Delta R.T. 0.000 min

Lab File: BN029433.D

Acq: 31 Jan 2024 03:57

Instrument :

BNA\_N

ClientSampleId :

LOQ-WATER-02-QT4-2023

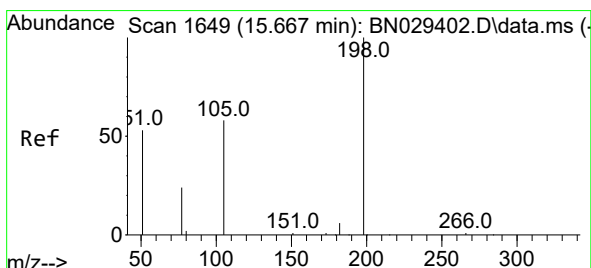
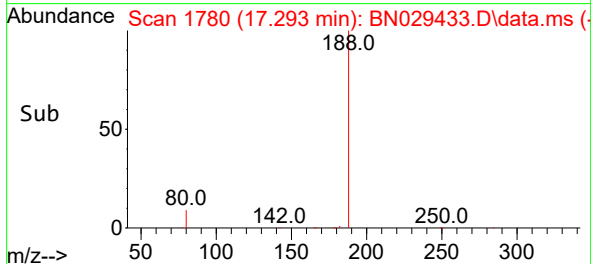
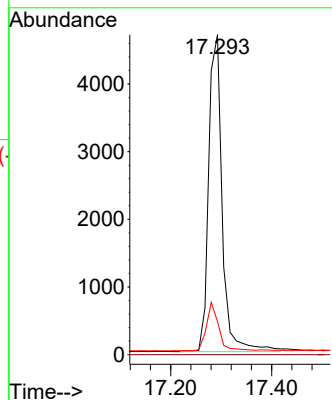
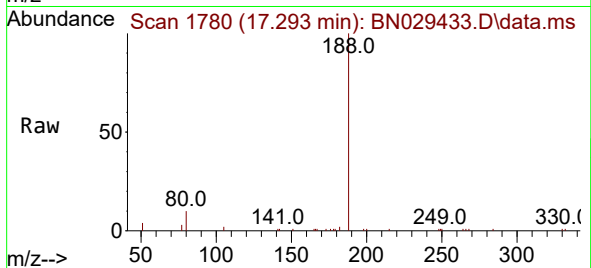
Tgt Ion:188 Resp: 8711

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 10.4 10.0 15.0



#20

4,6-Dinitro-2-methylphenol

Concen: 0.198 ng

RT: 15.667 min Scan# 1649

Delta R.T. 0.000 min

Lab File: BN029433.D

Acq: 31 Jan 2024 03:57

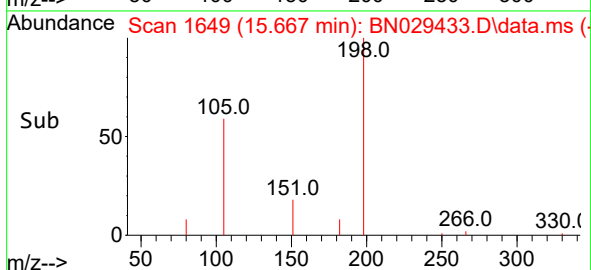
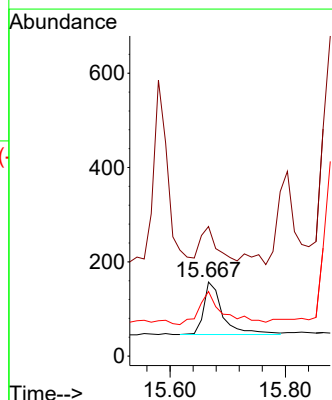
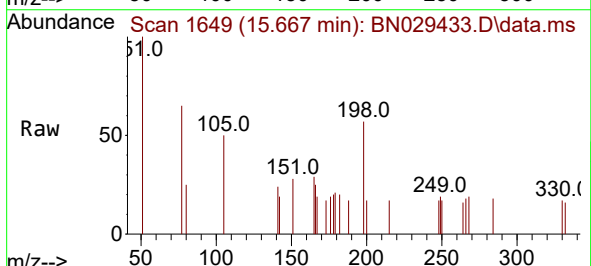
Tgt Ion:198 Resp: 254

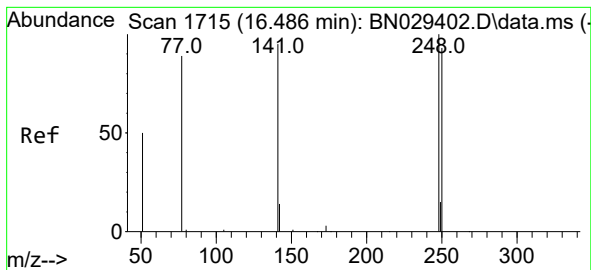
Ion Ratio Lower Upper

198 100

51 175.2 111.0 166.6#

105 87.3 67.0 100.6

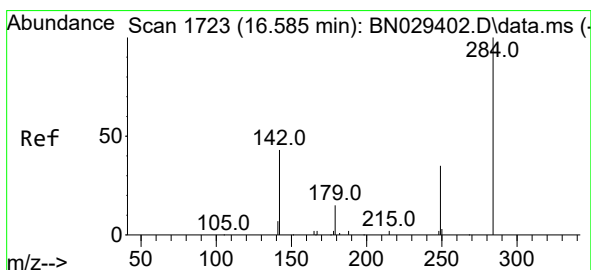
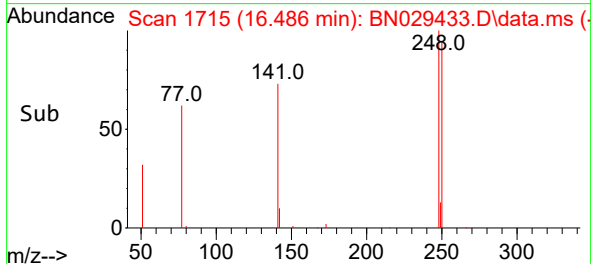
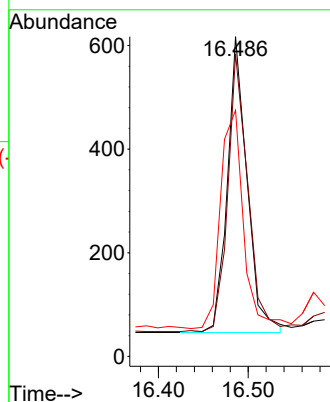
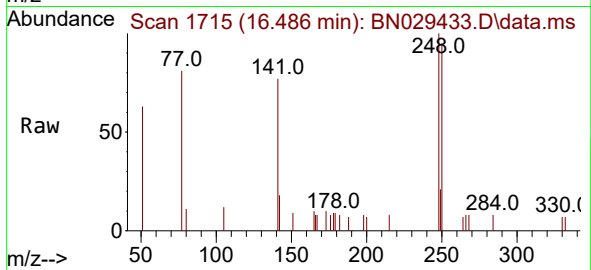




#21  
4-Bromophenyl-phenylether  
Concen: 0.169 ng  
RT: 16.486 min Scan# 1715  
Delta R.T. 0.000 min  
Lab File: BN029433.D  
Acq: 31 Jan 2024 03:57

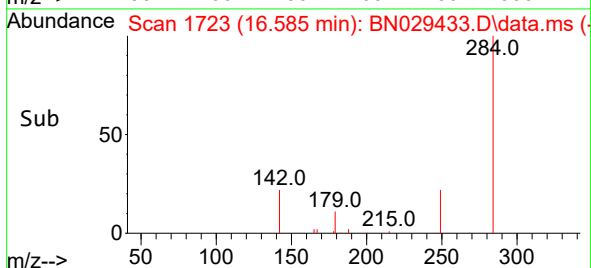
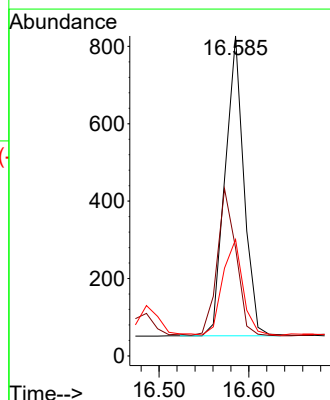
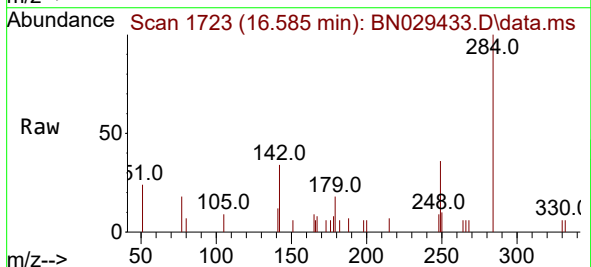
Instrument :  
BNA\_N  
ClientSampleId :  
LOQ-WATER-02-QT4-2023

Tgt Ion:248 Resp: 874  
Ion Ratio Lower Upper  
248 100  
250 94.7 75.0 112.4  
141 77.0 77.0 115.6#



#22  
Hexachlorobenzene  
Concen: 0.177 ng  
RT: 16.585 min Scan# 1723  
Delta R.T. 0.000 min  
Lab File: BN029433.D  
Acq: 31 Jan 2024 03:57

Tgt Ion:284 Resp: 1124  
Ion Ratio Lower Upper  
284 100  
142 49.5 39.4 59.2  
249 34.7 26.9 40.3





#23

Atrazine

Concen: 0.185 ng

RT: 16.759 min Scan# 1737

Delta R.T. -0.012 min

Lab File: BN029433.D

Acq: 31 Jan 2024 03:57

Instrument :

BNA\_N

ClientSampleId :

LOQ-WATER-02-QT4-2023

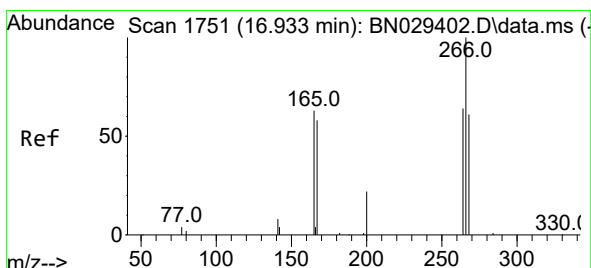
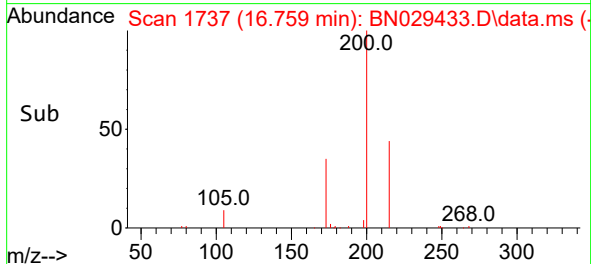
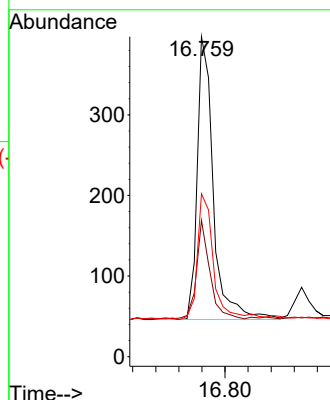
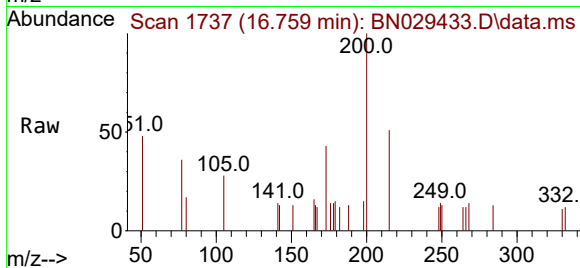
Tgt Ion:200 Resp: 681

Ion Ratio Lower Upper

200 100

173 42.6 23.4 35.0#

215 50.9 38.4 57.6



#24

Pentachlorophenol

Concen: 0.169 ng

RT: 16.933 min Scan# 1751

Delta R.T. 0.000 min

Lab File: BN029433.D

Acq: 31 Jan 2024 03:57

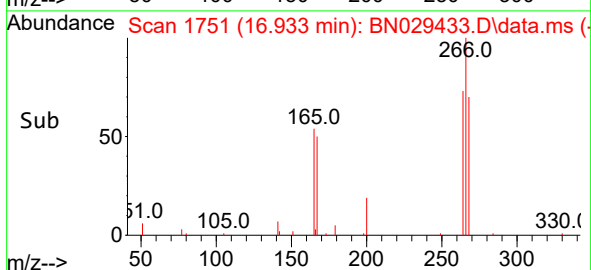
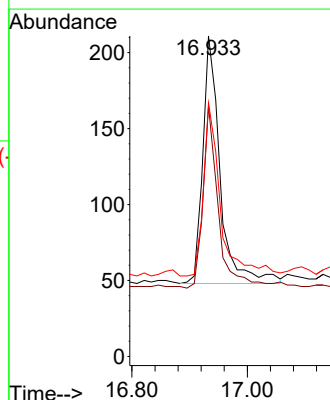
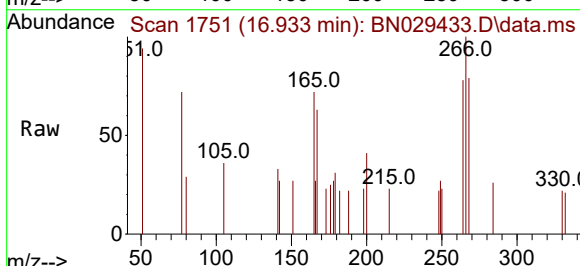
Tgt Ion:266 Resp: 341

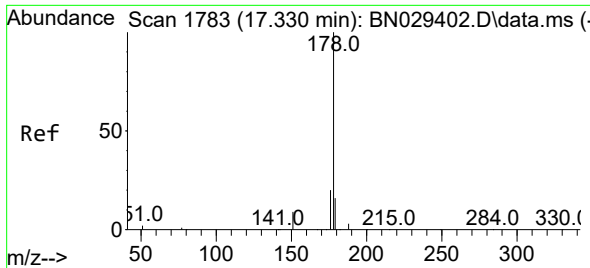
Ion Ratio Lower Upper

266 100

264 66.3 50.8 76.2

268 68.6 51.5 77.3

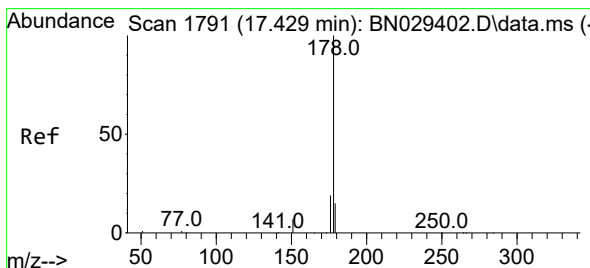
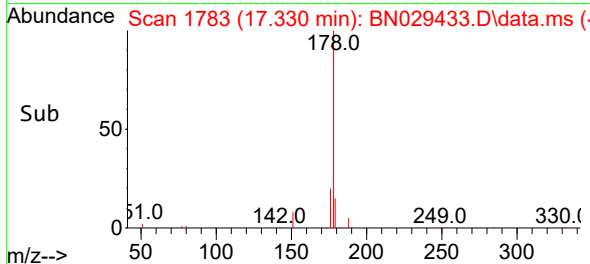
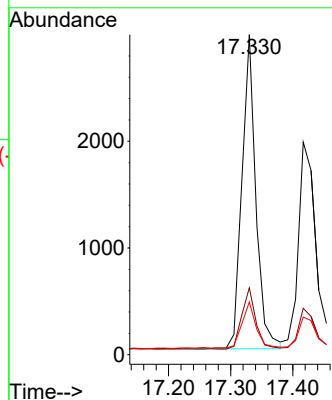
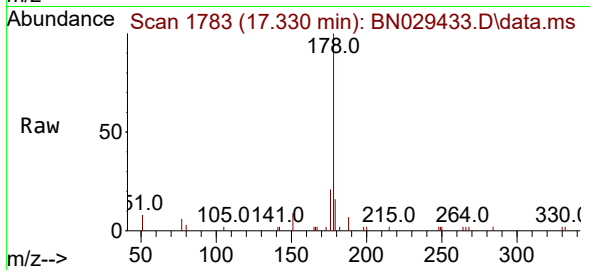




#25  
Phenanthrene  
Concen: 0.179 ng  
RT: 17.330 min Scan# 1783  
Delta R.T. 0.000 min  
Lab File: BN029433.D  
Acq: 31 Jan 2024 03:57

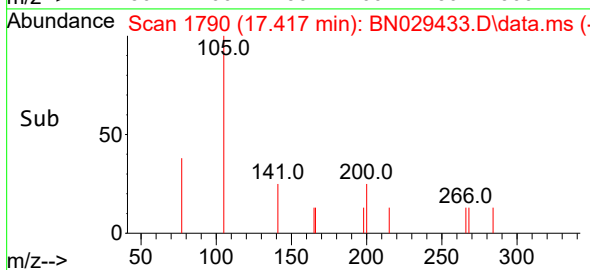
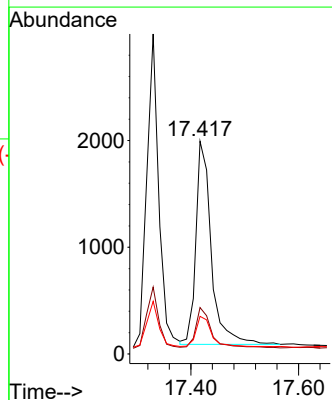
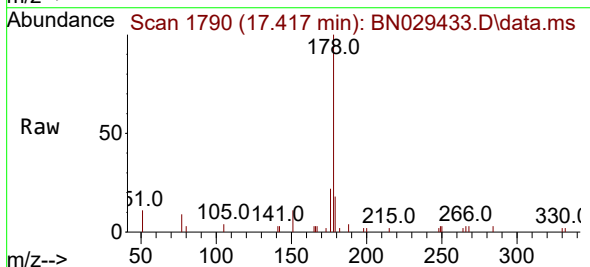
Instrument :  
BNA\_N  
ClientSampleId :  
LOQ-WATER-02-QT4-2023

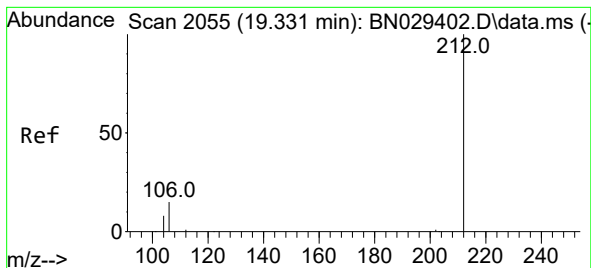
Tgt Ion:178 Resp: 4603  
Ion Ratio Lower Upper  
178 100  
176 19.6 15.8 23.6  
179 14.7 12.6 19.0



#26  
Anthracene  
Concen: 0.174 ng  
RT: 17.417 min Scan# 1790  
Delta R.T. -0.012 min  
Lab File: BN029433.D  
Acq: 31 Jan 2024 03:57

Tgt Ion:178 Resp: 3811  
Ion Ratio Lower Upper  
178 100  
176 19.8 15.0 22.4  
179 15.3 12.3 18.5





#27

Fluoranthene-d10

Concen: 0.569 ng

RT: 19.322 min Scan# 2053

Delta R.T. -0.009 min

Lab File: BN029433.D

Acq: 31 Jan 2024 03:57

Instrument :

BNA\_N

ClientSampleId :

LOQ-WATER-02-QT4-2023

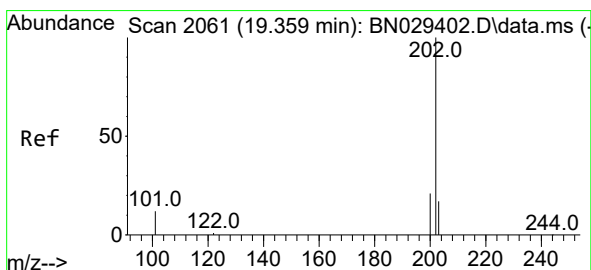
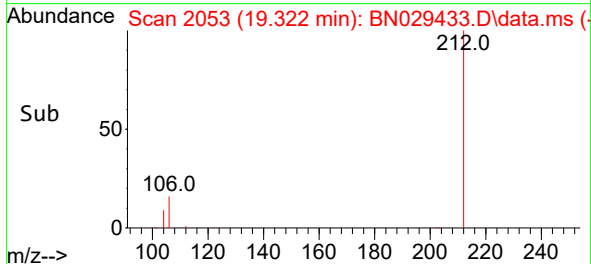
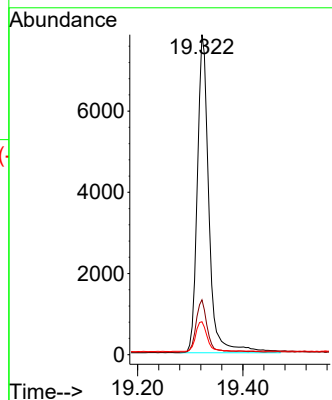
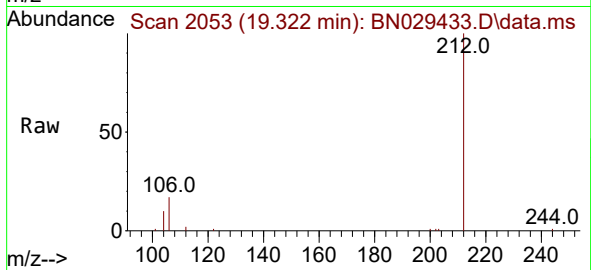
Tgt Ion:212 Resp: 12005

Ion Ratio Lower Upper

212 100

106 15.9 13.2 19.8

104 9.5 7.7 11.5



#28

Fluoranthene

Concen: 0.173 ng

RT: 19.355 min Scan# 2060

Delta R.T. -0.005 min

Lab File: BN029433.D

Acq: 31 Jan 2024 03:57

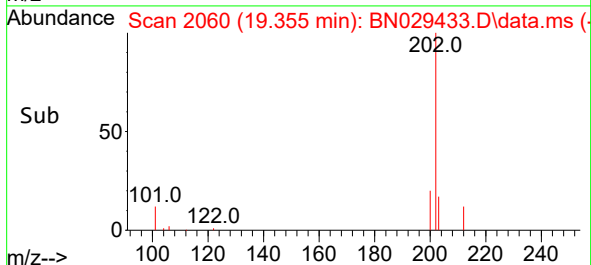
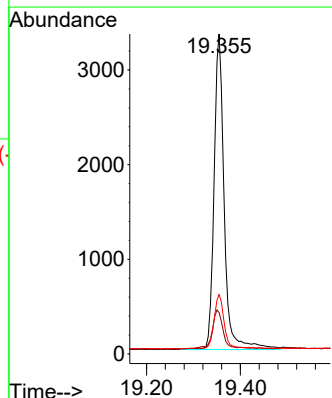
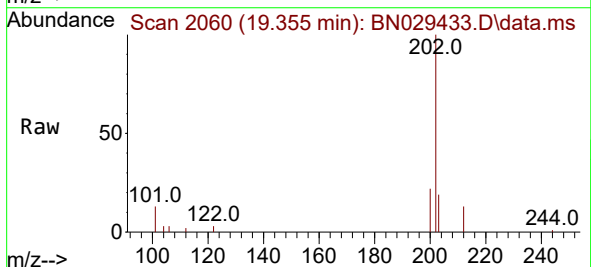
Tgt Ion:202 Resp: 5009

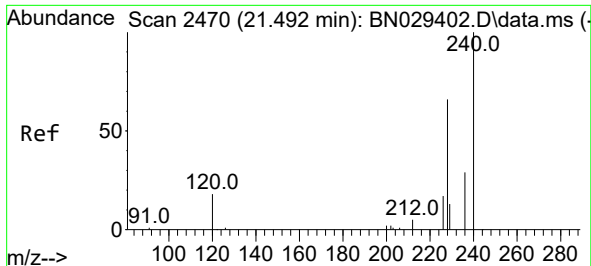
Ion Ratio Lower Upper

202 100

101 13.0 10.5 15.7

203 16.4 13.5 20.3

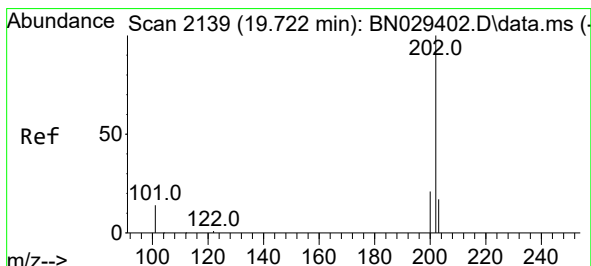
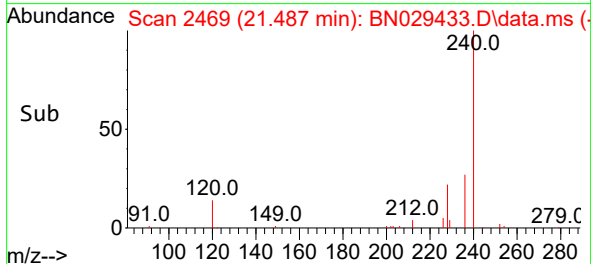
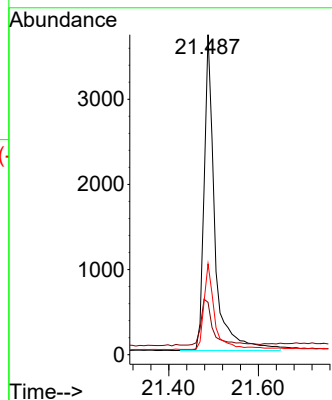
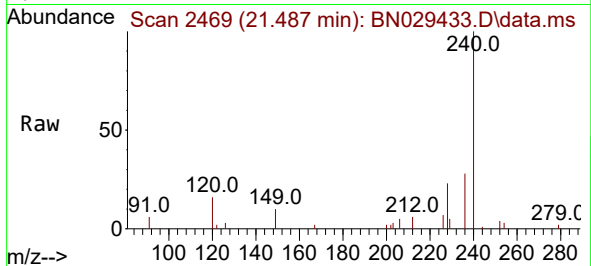




#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.487 min Scan# 2469  
Delta R.T. -0.005 min  
Lab File: BN029433.D  
Acq: 31 Jan 2024 03:57

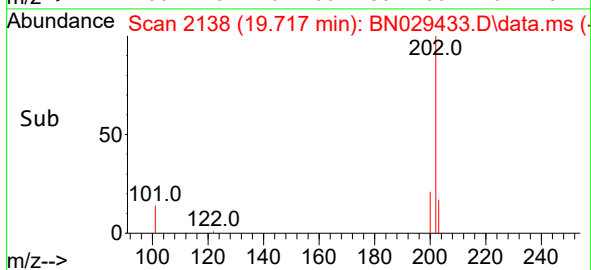
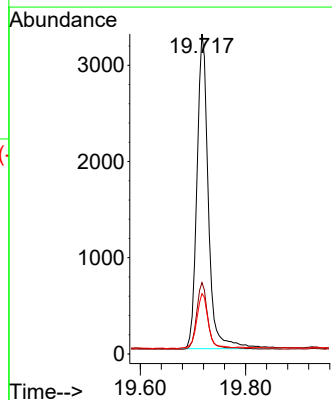
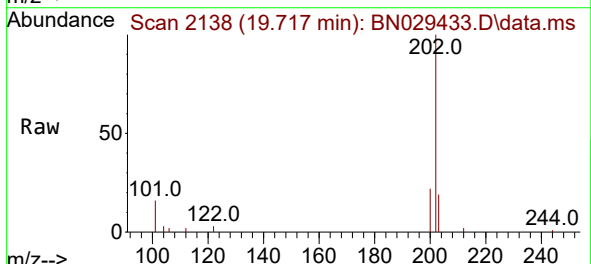
Instrument :  
BNA\_N  
ClientSampleId :  
LOQ-WATER-02-QT4-2023

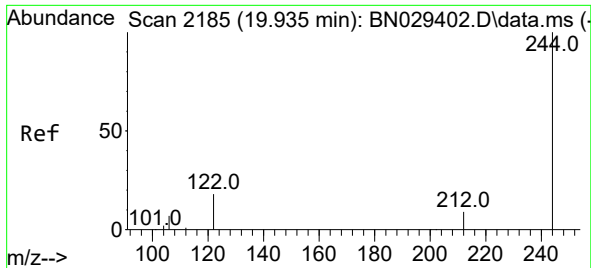
Tgt Ion:240 Resp: 6193  
Ion Ratio Lower Upper  
240 100  
120 16.3 16.7 25.1#  
236 28.4 23.9 35.9



#30  
Pyrene  
Concen: 0.174 ng  
RT: 19.717 min Scan# 2138  
Delta R.T. -0.005 min  
Lab File: BN029433.D  
Acq: 31 Jan 2024 03:57

Tgt Ion:202 Resp: 4959  
Ion Ratio Lower Upper  
202 100  
200 20.4 16.6 25.0  
203 17.4 14.2 21.4

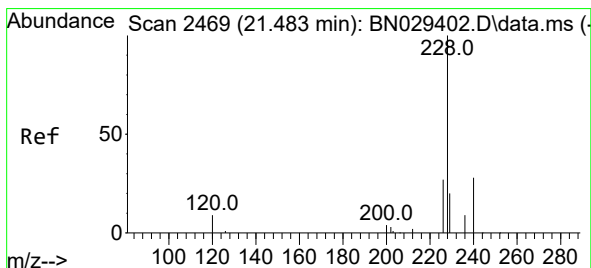
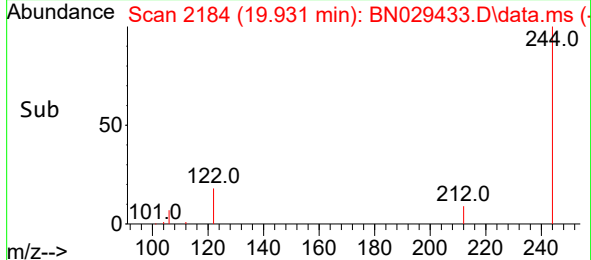
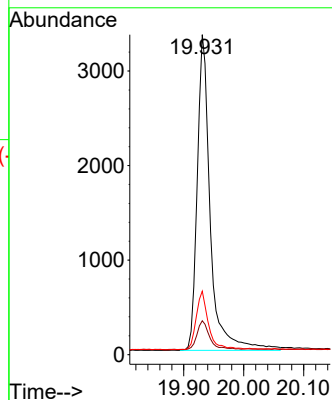
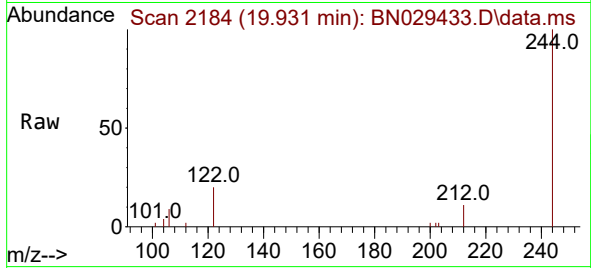




#31  
 Terphenyl-d14  
 Concen: 0.329 ng  
 RT: 19.931 min Scan# 2185  
 Delta R.T. -0.005 min  
 Lab File: BN029433.D  
 Acq: 31 Jan 2024 03:57

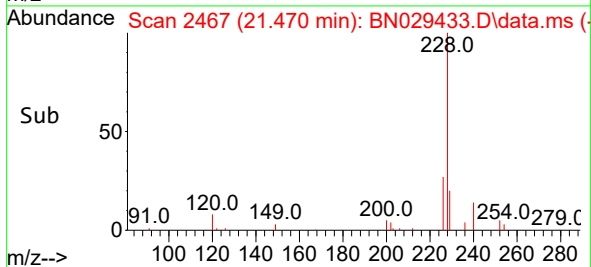
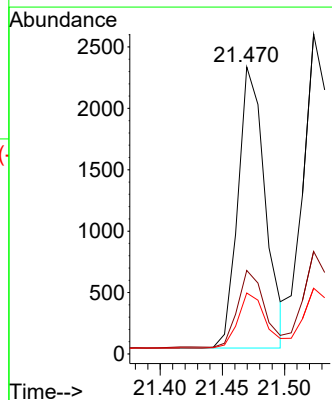
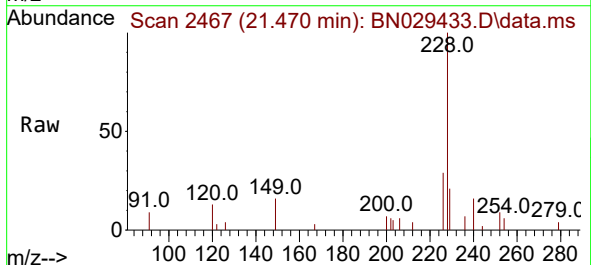
Instrument :  
 BNA\_N  
 ClientSampleId :  
 LOQ-WATER-02-QT4-2023

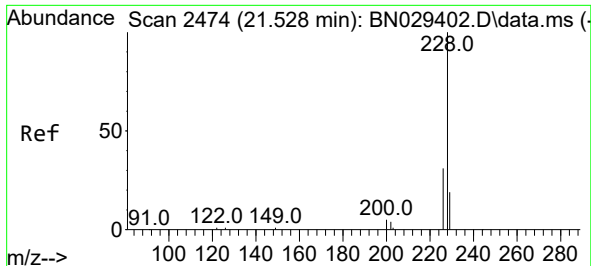
Tgt Ion:244 Resp: 5055  
 Ion Ratio Lower Upper  
 244 100  
 212 10.6 8.2 12.4  
 122 19.8 15.6 23.4



#32  
 Benzo(a)anthracene  
 Concen: 0.165 ng  
 RT: 21.470 min Scan# 2467  
 Delta R.T. -0.014 min  
 Lab File: BN029433.D  
 Acq: 31 Jan 2024 03:57

Tgt Ion:228 Resp: 3500  
 Ion Ratio Lower Upper  
 228 100  
 226 29.1 22.2 33.4  
 229 21.3 16.5 24.7





#33

Chrysene

Concen: 0.177 ng

RT: 21.523 min Scan# 2473

Delta R.T. -0.005 min

Lab File: BN029433.D

Acq: 31 Jan 2024 03:57

Instrument :

BNA\_N

ClientSampleId :

LOQ-WATER-02-QT4-2023

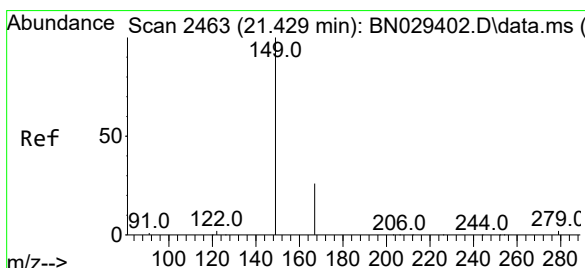
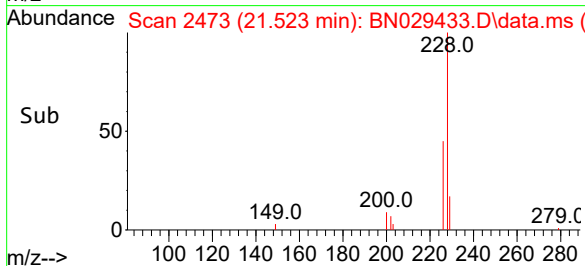
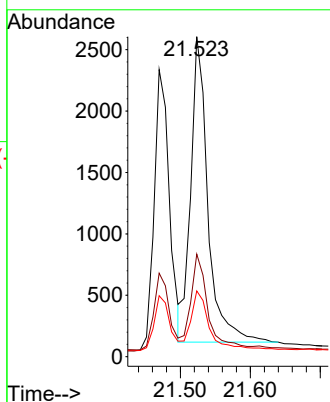
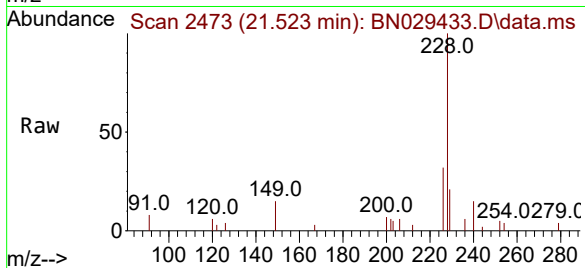
Tgt Ion:228 Resp: 4245

Ion Ratio Lower Upper

228 100

226 32.0 24.9 37.3

229 20.6 15.9 23.9



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.199 ng

RT: 21.425 min Scan# 2462

Delta R.T. -0.005 min

Lab File: BN029433.D

Acq: 31 Jan 2024 03:57

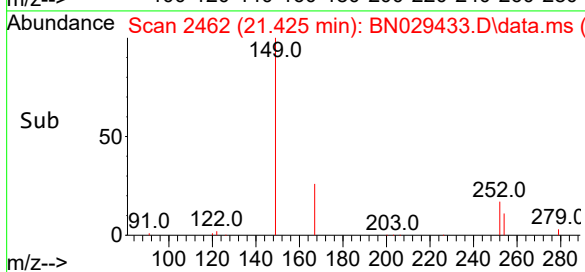
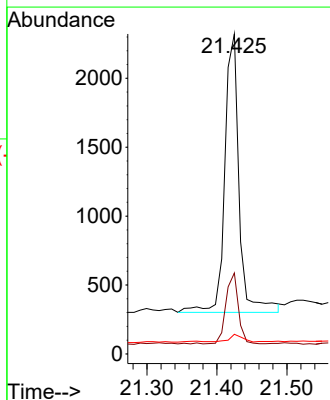
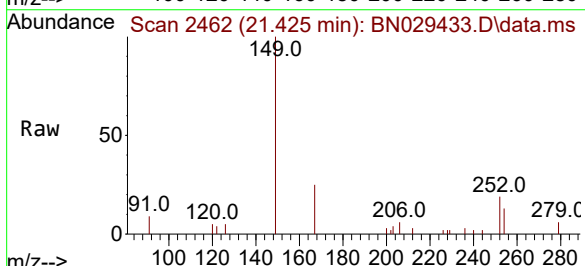
Tgt Ion:149 Resp: 2872

Ion Ratio Lower Upper

149 100

167 21.9 20.1 30.1

279 2.2 2.5 3.7#





#35

Perylene-d12

Concen: 0.400 ng

RT: 23.872 min Scan# 3072

Delta R.T. -0.013 min

Lab File: BN029433.D

Acq: 31 Jan 2024 03:57

Instrument :

BNA\_N

ClientSampleId :

LOQ-WATER-02-QT4-2023

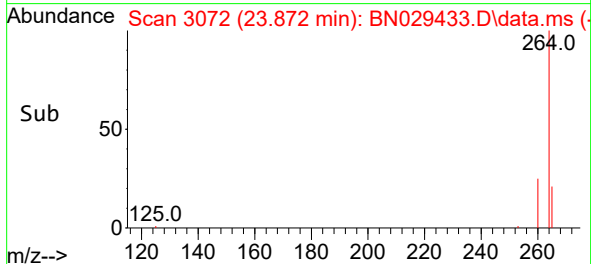
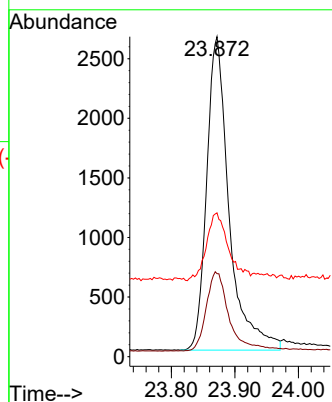
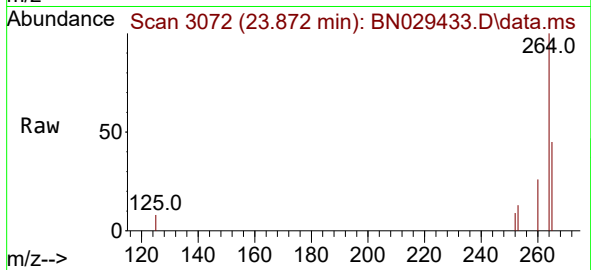
Tgt Ion:264 Resp: 6465

Ion Ratio Lower Upper

264 100

260 25.9 21.2 31.8

265 45.0 41.5 62.3



#36

Indeno(1,2,3-cd)pyrene

Concen: 0.161 ng

RT: 26.336 min Scan# 3915

Delta R.T. -0.016 min

Lab File: BN029433.D

Acq: 31 Jan 2024 03:57

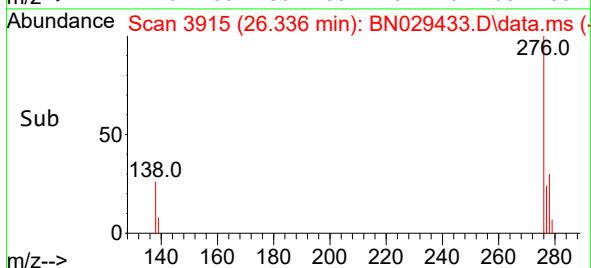
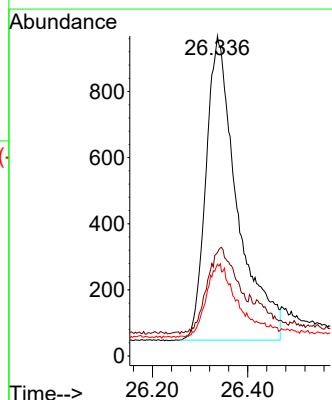
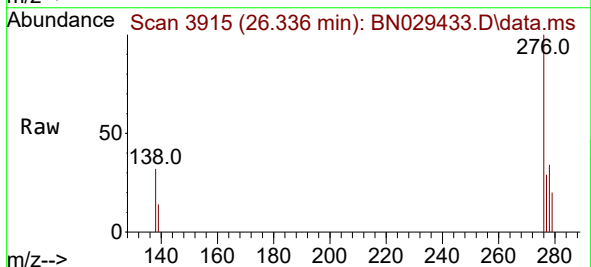
Tgt Ion:276 Resp: 4196

Ion Ratio Lower Upper

276 100

138 27.1 20.5 30.7

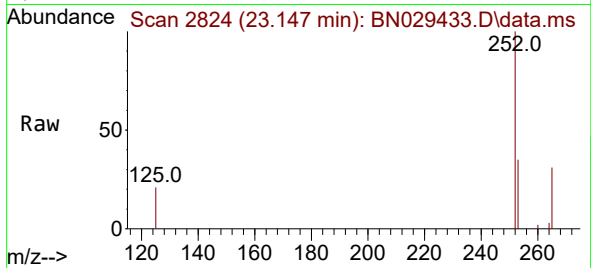
277 23.6 17.0 25.4



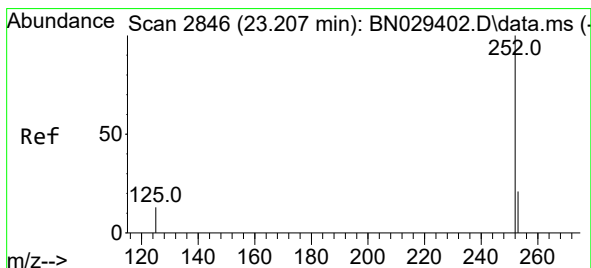
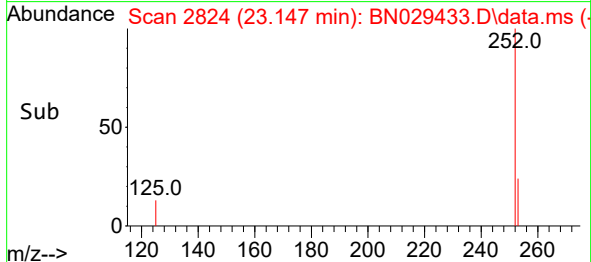
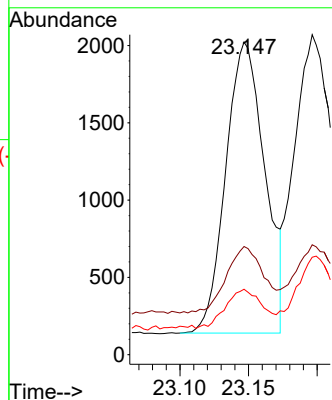


#37  
Benzo(b)fluoranthene  
Concen: 0.161 ng  
RT: 23.147 min Scan# 2824  
Delta R.T. -0.010 min  
Lab File: BN029433.D  
Acq: 31 Jan 2024 03:57

Instrument :  
BNA\_N  
ClientSampleId :  
LOQ-WATER-02-QT4-2023

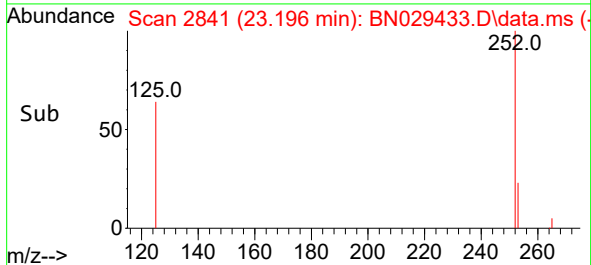
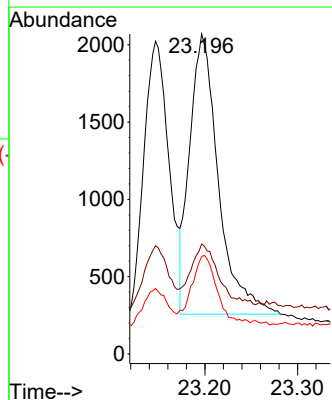
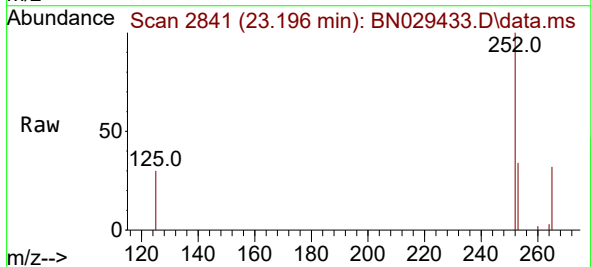


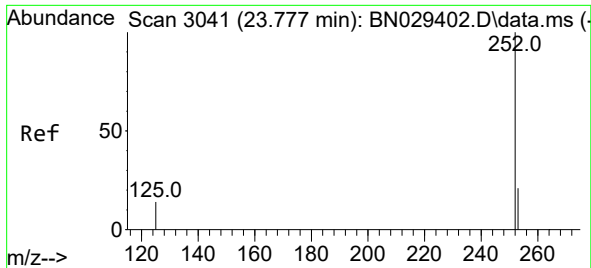
Tgt Ion:252 Resp: 3733  
Ion Ratio Lower Upper  
252 100  
253 34.6 21.7 32.5#  
125 20.9 13.3 19.9#



#38  
Benzo(k)fluoranthene  
Concen: 0.162 ng  
RT: 23.196 min Scan# 2841  
Delta R.T. -0.010 min  
Lab File: BN029433.D  
Acq: 31 Jan 2024 03:57

Tgt Ion:252 Resp: 3910  
Ion Ratio Lower Upper  
252 100  
253 34.3 21.8 32.8#  
125 30.4 13.9 20.9#

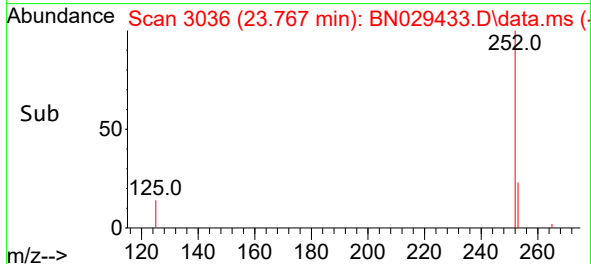
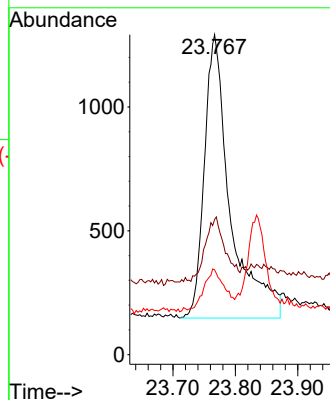
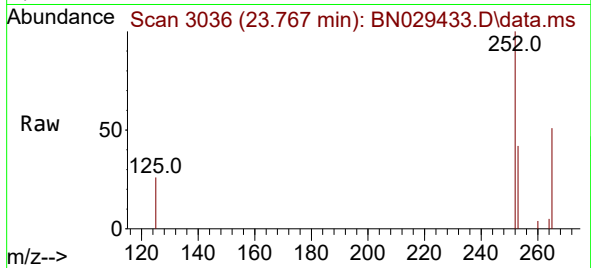




#39  
Benzo(a)pyrene  
Concen: 0.164 ng  
RT: 23.767 min Scan# 3041  
Delta R.T. -0.010 min  
Lab File: BN029433.D  
Acq: 31 Jan 2024 03:57

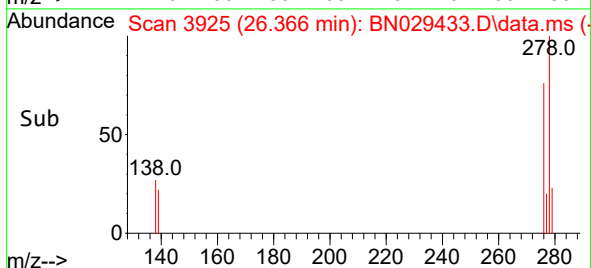
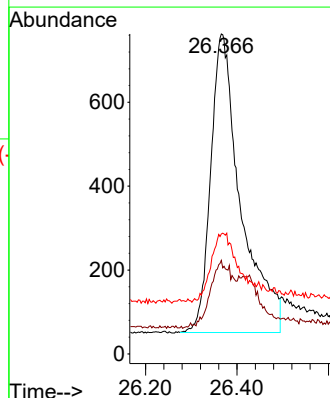
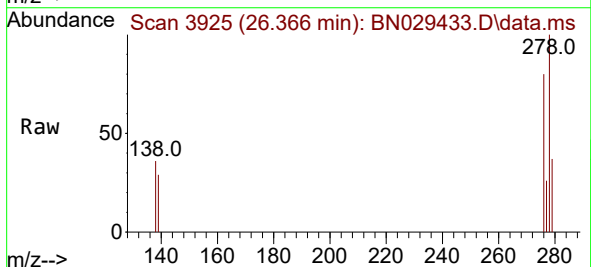
Instrument :  
BNA\_N  
ClientSampleId :  
LOQ-WATER-02-QT4-2023

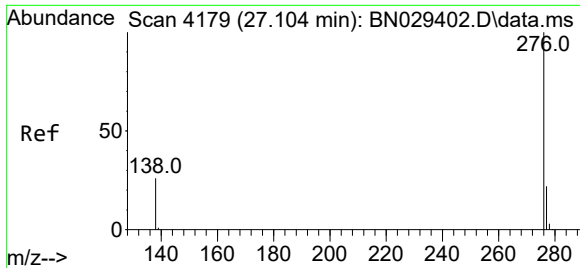
Tgt Ion:252 Resp: 3307  
Ion Ratio Lower Upper  
252 100  
253 42.3 24.9 37.3#  
125 26.5 16.6 25.0#



#40  
Dibenzo(a,h)anthracene  
Concen: 0.157 ng  
RT: 26.366 min Scan# 3925  
Delta R.T. -0.013 min  
Lab File: BN029433.D  
Acq: 31 Jan 2024 03:57

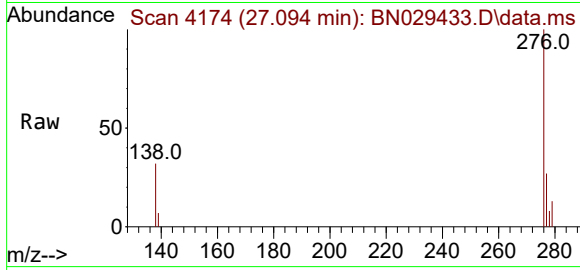
Tgt Ion:278 Resp: 3258  
Ion Ratio Lower Upper  
278 100  
139 29.2 20.4 30.6  
279 37.5 25.0 37.6





#41  
Benzo(g,h,i)perylene  
Concen: 0.158 ng  
RT: 27.094 min Scan# 41  
Delta R.T. -0.010 min  
Lab File: BN029433.D  
Acq: 31 Jan 2024 03:57

Instrument :  
BNA\_N  
ClientSampleId :  
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Tgt Ion:276 Resp: 3975  
Ion Ratio Lower Upper  
276 100  
277 26.9 19.4 29.2  
138 31.5 23.5 35.3

