

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN081224\  
 Data File : BN033351.D  
 Acq On : 12 Aug 2024 14:47  
 Operator : MA/JU  
 Sample : P3390-07  
 Misc : LOD-MDL-WATER-0.1ng  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 LOD-MDL-WATER-01-QT3-2024

Quant Time: Aug 12 15:43:20 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN081024.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Aug 12 01:09:50 2024  
 Response via : Initial Calibration

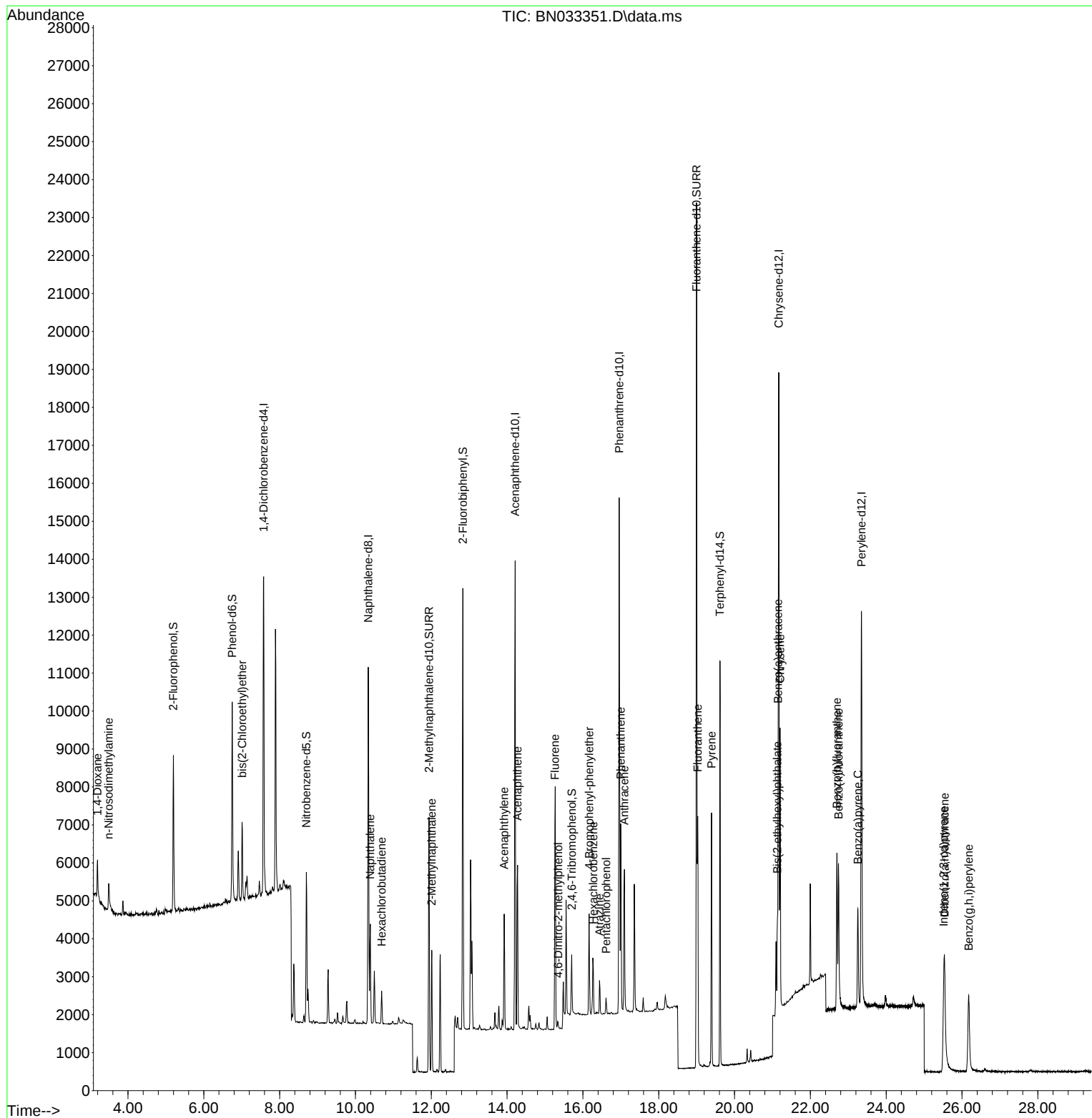
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.580  | 152  | 4113     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.338 | 136  | 11316    | 0.400 | ng    | 0.00     |
| 13) Acenaphthene-d10          | 14.212 | 164  | 6603     | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 16.958 | 188  | 16666    | 0.400 | ng    | 0.00     |
| 29) Chrysene-d12              | 21.166 | 240  | 13200    | 0.400 | ng    | 0.00     |
| 35) Perylene-d12              | 23.346 | 264  | 13442    | 0.400 | ng    | 0.00     |
|                               |        |      |          |       |       |          |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.197  | 112  | 3182     | 0.280 | ng    | 0.00     |
| 5) Phenol-d6                  | 6.749  | 99   | 4561     | 0.297 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 8.704  | 82   | 2985     | 0.350 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 11.940 | 152  | 9056     | 0.520 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.704 | 330  | 886      | 0.262 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 12.833 | 172  | 9559     | 0.353 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 18.997 | 212  | 23862    | 0.536 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.615 | 244  | 9385     | 0.376 | ng    | 0.00     |
|                               |        |      |          |       |       |          |
| Target Compounds              |        |      |          |       |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.196  | 88   | 720      | 0.158 | ng    | 92       |
| 3) n-Nitrosodimethylamine     | 3.492  | 42   | 648      | 0.110 | ng    | # 91     |
| 6) bis(2-Chloroethyl)ether    | 7.009  | 93   | 1387     | 0.112 | ng    | 97       |
| 9) Naphthalene                | 10.391 | 128  | 3348     | 0.107 | ng    | # 95     |
| 10) Hexachlorobutadiene       | 10.690 | 225  | 643      | 0.108 | ng    | # 99     |
| 12) 2-Methylnaphthalene       | 12.011 | 142  | 2188     | 0.104 | ng    | 95       |
| 16) Acenaphthylene            | 13.924 | 152  | 3189     | 0.103 | ng    | 99       |
| 17) Acenaphthene              | 14.276 | 154  | 2152     | 0.102 | ng    | 98       |
| 18) Fluorene                  | 15.260 | 166  | 2791     | 0.100 | ng    | 97       |
| 20) 4,6-Dinitro-2-methylph... | 15.345 | 198  | 149      | 0.074 | ng    | # 1      |
| 21) 4-Bromophenyl-phenylether | 16.164 | 248  | 980      | 0.098 | ng    | 94       |
| 22) Hexachlorobenzene         | 16.275 | 284  | 1145     | 0.102 | ng    | 95       |
| 23) Atrazine                  | 16.437 | 200  | 694      | 0.088 | ng    | # 85     |
| 24) Pentachlorophenol         | 16.611 | 266  | 193      | 0.043 | ng    | 99       |
| 25) Phenanthrene              | 16.995 | 178  | 5109     | 0.106 | ng    | 99       |
| 26) Anthracene                | 17.095 | 178  | 4317     | 0.101 | ng    | 99       |
| 28) Fluoranthene              | 19.030 | 202  | 5843     | 0.099 | ng    | 98       |
| 30) Pyrene                    | 19.392 | 202  | 5699     | 0.108 | ng    | 99       |
| 32) Benzo(a)anthracene        | 21.148 | 228  | 4747     | 0.096 | ng    | 97       |
| 33) Chrysene                  | 21.201 | 228  | 5475     | 0.110 | ng    | 99       |
| 34) Bis(2-ethylhexyl)phtha... | 21.130 | 149  | 2287     | 0.102 | ng    | # 99     |
| 36) Indeno(1,2,3-cd)pyrene    | 25.518 | 276  | 4628     | 0.083 | ng    | 97       |
| 37) Benzo(b)fluoranthene      | 22.700 | 252  | 4985     | 0.099 | ng    | # 87     |
| 38) Benzo(k)fluoranthene      | 22.744 | 252  | 5185     | 0.100 | ng    | # 85     |
| 39) Benzo(a)pyrene            | 23.252 | 252  | 3766     | 0.088 | ng    | # 79     |
| 40) Dibenzo(a,h)anthracene    | 25.542 | 278  | 3558     | 0.081 | ng    | # 83     |
| 41) Benzo(g,h,i)perylene      | 26.176 | 276  | 4180     | 0.086 | ng    | # 90     |
| -----                         |        |      |          |       |       |          |

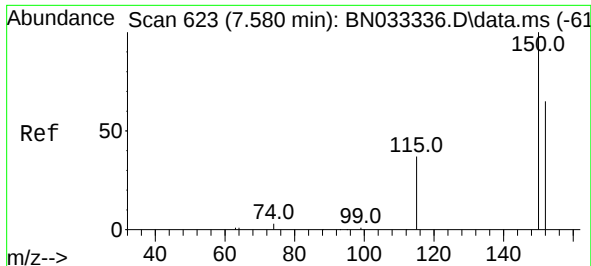
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN081224\  
Data File : BN033351.D  
Acq On : 12 Aug 2024 14:47  
Operator : MA/JU  
Sample : P3390-07  
Misc : LOD-MDL-WATER-0.1ng  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
LOD-MDL-WATER-01-QT3-2024

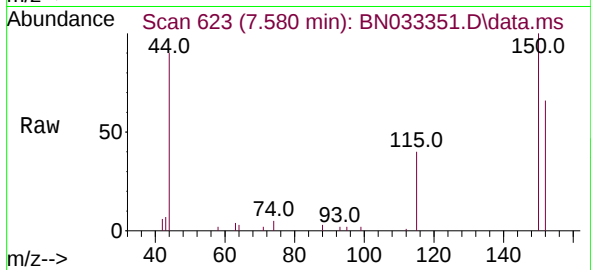
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Aug 12 01:09:50 2024  
Response via : Initial Calibration



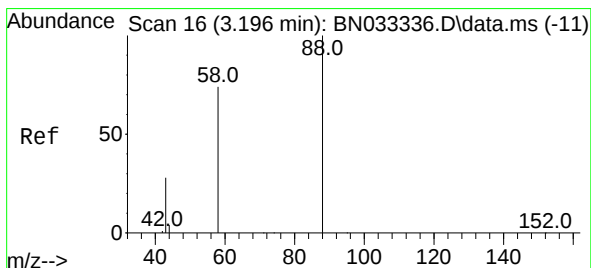
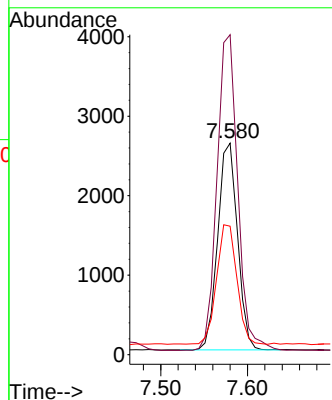
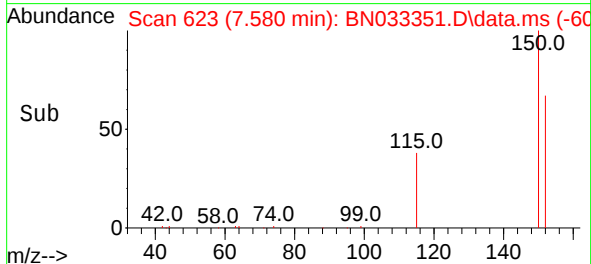


#1  
1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 7.580 min Scan# 61  
Delta R.T. -0.000 min  
Lab File: BN033351.D  
Acq: 12 Aug 2024 14:47

Instrument : BNA\_N  
ClientSampleId : LOD-MDL-WATER-01-QT3-2024

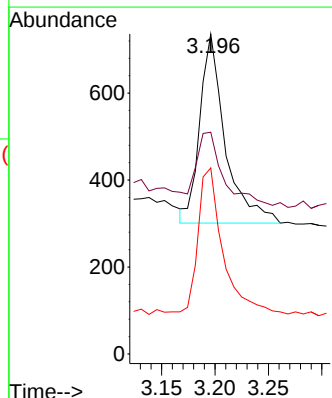
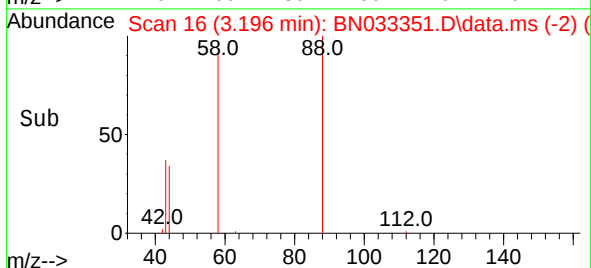
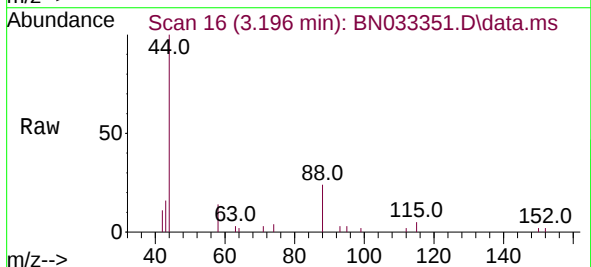


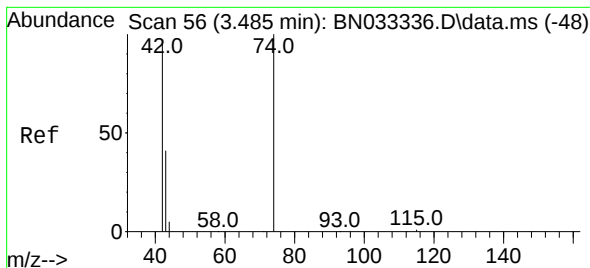
Tgt Ion:152 Resp: 4113  
Ion Ratio Lower Upper  
152 100  
150 151.3 122.3 183.5  
115 60.8 48.8 73.2



#2  
1,4-Dioxane  
Concen: 0.158 ng  
RT: 3.196 min Scan# 16  
Delta R.T. -0.000 min  
Lab File: BN033351.D  
Acq: 12 Aug 2024 14:47

Tgt Ion: 88 Resp: 720  
Ion Ratio Lower Upper  
88 100  
43 45.3 30.6 46.0  
58 75.6 64.5 96.7





#3

n-Nitrosodimethylamine

Concen: 0.110 ng

RT: 3.492 min Scan# 51

Delta R.T. 0.007 min

Lab File: BN033351.D

Acq: 12 Aug 2024 14:47

Instrument :

BNA\_N

ClientSampleId :

LOD-MDL-WATER-01-QT3-2024

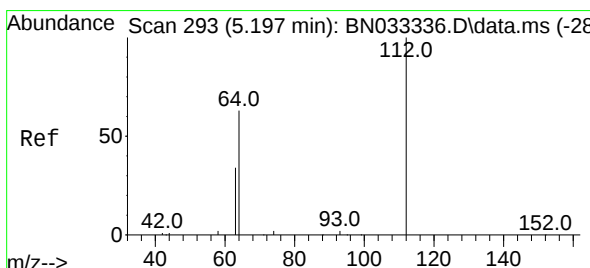
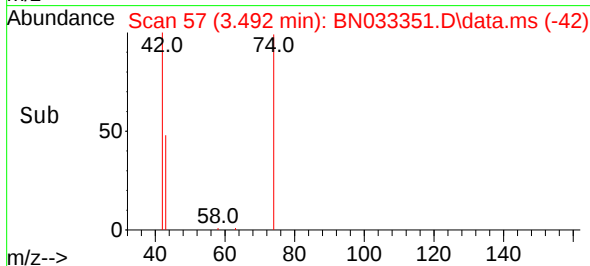
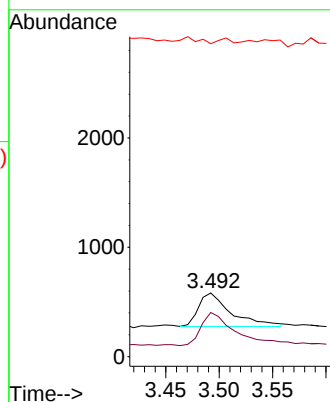
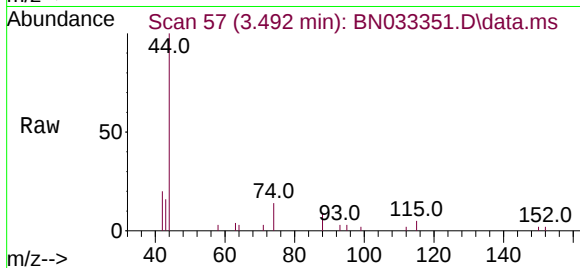
Tgt Ion: 42 Resp: 648

Ion Ratio Lower Upper

42 100

74 102.2 89.0 133.6

44 6.9 11.0 16.4#



#4

2-Fluorophenol

Concen: 0.280 ng

RT: 5.197 min Scan# 293

Delta R.T. -0.000 min

Lab File: BN033351.D

Acq: 12 Aug 2024 14:47

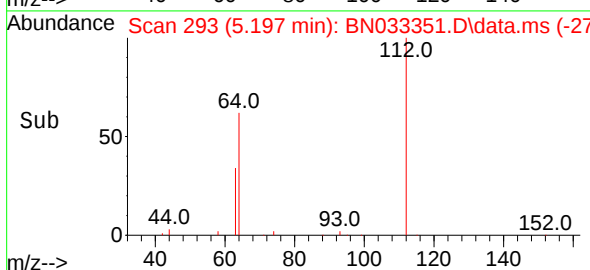
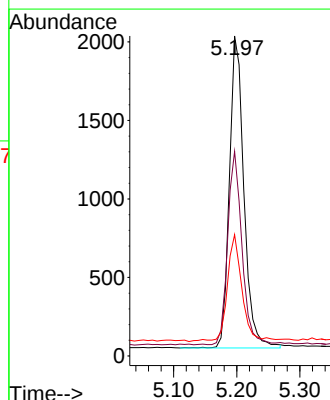
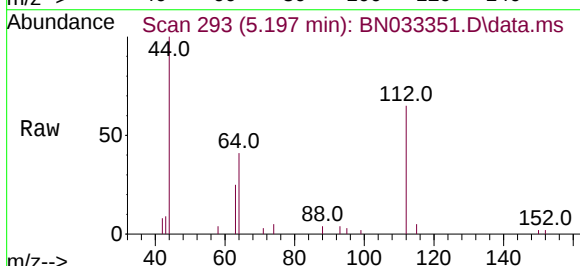
Tgt Ion: 112 Resp: 3182

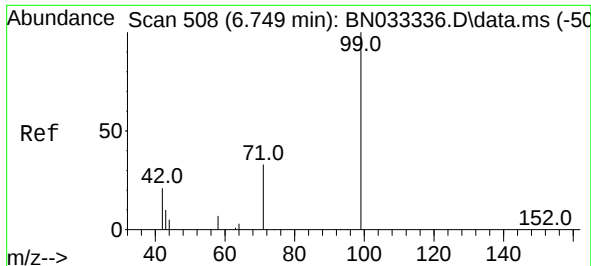
Ion Ratio Lower Upper

112 100

64 61.0 48.1 72.1

63 32.5 25.4 38.2

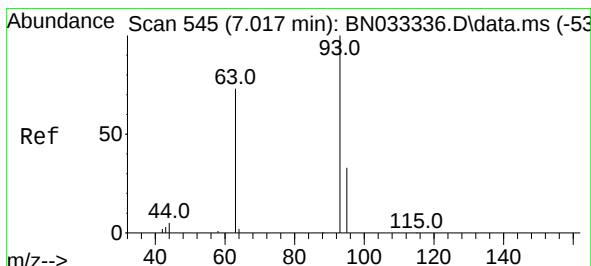
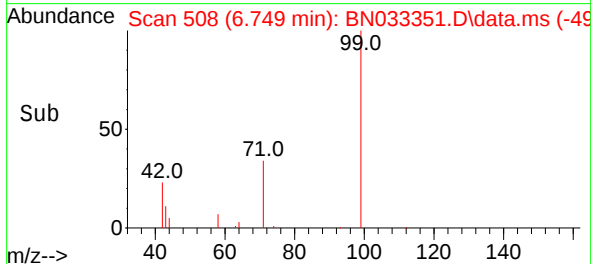
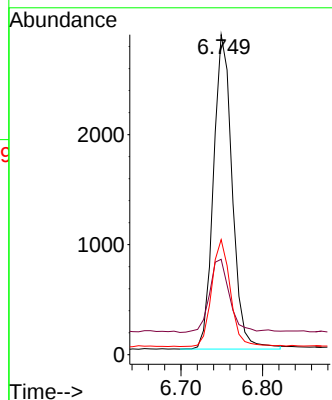
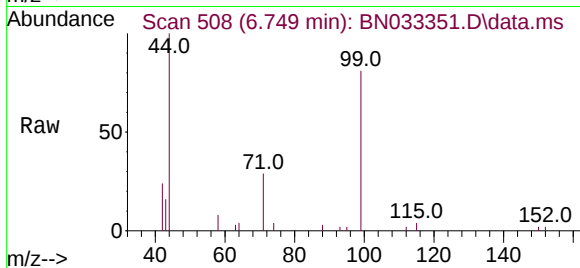




#5  
Phenol-d6  
Concen: 0.297 ng  
RT: 6.749 min Scan# 508  
Delta R.T. -0.000 min  
Lab File: BN033351.D  
Acq: 12 Aug 2024 14:47

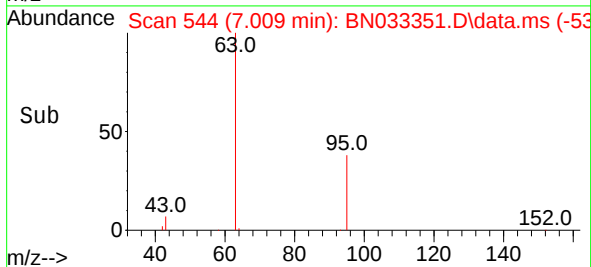
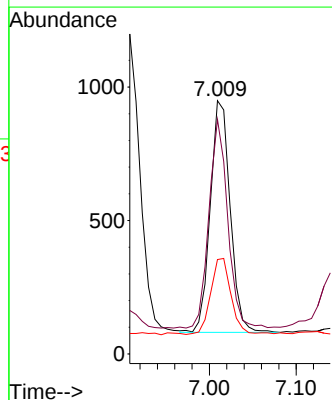
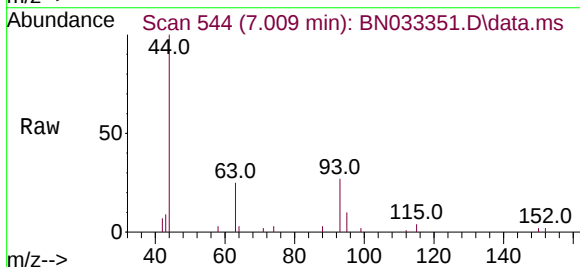
Instrument :  
BNA\_N  
ClientSampleId :  
LOD-MDL-WATER-01-QT3-2024

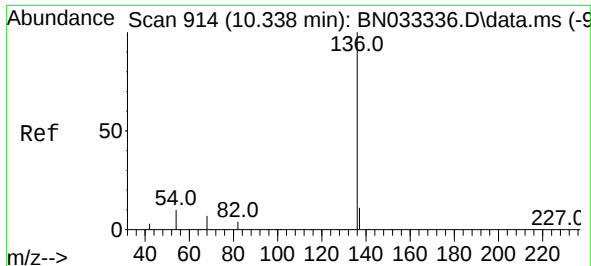
Tgt Ion: 99 Resp: 4561  
Ion Ratio Lower Upper  
99 100  
42 24.8 18.5 27.7  
71 33.8 26.2 39.2



#6  
bis(2-Chloroethyl)ether  
Concen: 0.112 ng  
RT: 7.009 min Scan# 544  
Delta R.T. -0.007 min  
Lab File: BN033351.D  
Acq: 12 Aug 2024 14:47

Tgt Ion: 93 Resp: 1387  
Ion Ratio Lower Upper  
93 100  
63 85.2 65.2 97.8  
95 33.7 26.2 39.4

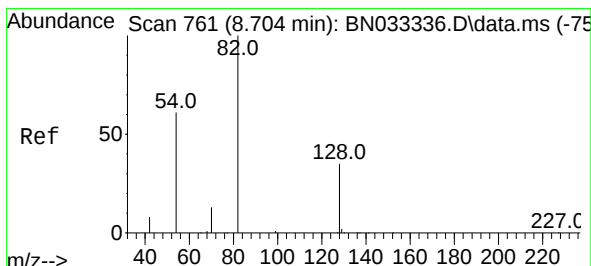
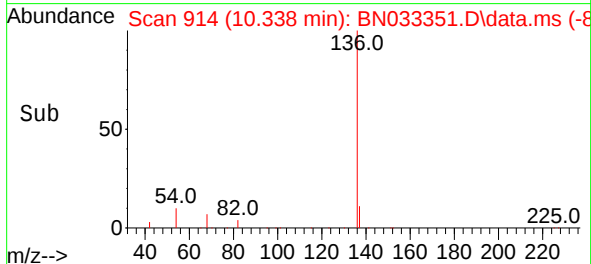
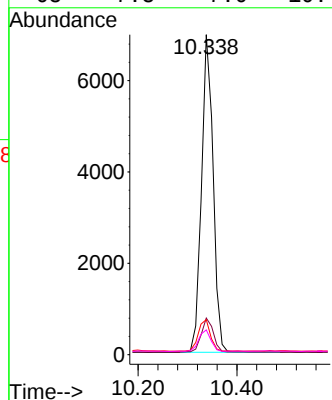
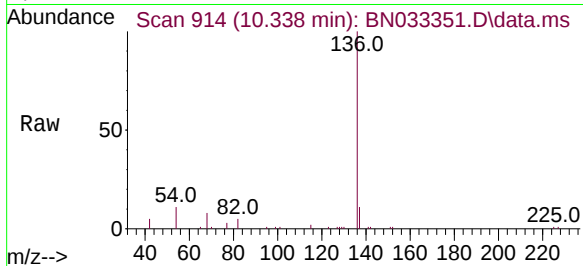




#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.338 min Scan# 914  
Delta R.T. -0.000 min  
Lab File: BN033351.D  
Acq: 12 Aug 2024 14:47

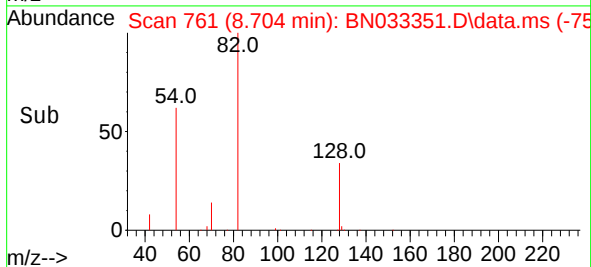
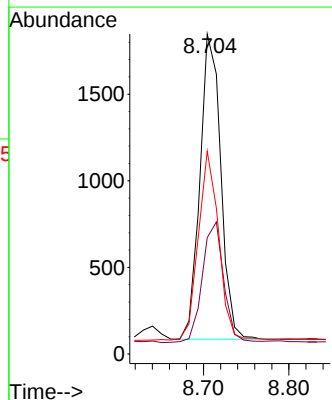
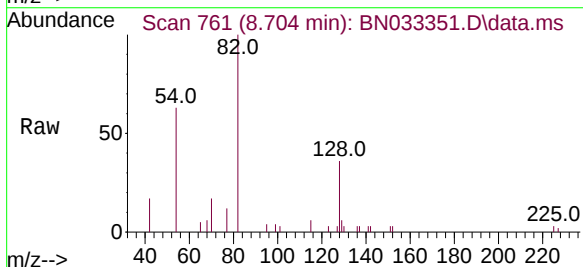
Instrument :  
BNA\_N  
ClientSampleId :  
LOD-MDL-WATER-01-QT3-2024

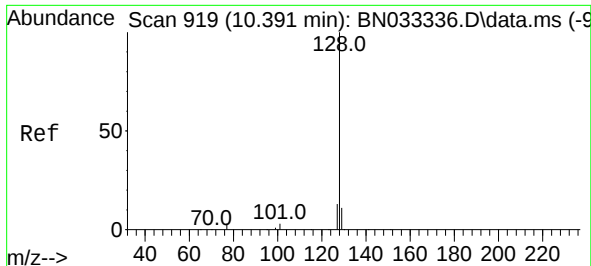
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|----------|-------|-------|-------|
| Tgt Ion: | 136   | Resp: | 11316 |
| Ion      | Ratio | Lower | Upper |
| 136      | 100   |       |       |
| 137      | 11.4  | 9.1   | 13.7  |
| 54       | 10.9  | 9.4   | 14.0  |
| 68       | 7.8   | 7.0   | 10.4  |



#8  
Nitrobenzene-d5  
Concen: 0.350 ng  
RT: 8.704 min Scan# 761  
Delta R.T. -0.000 min  
Lab File: BN033351.D  
Acq: 12 Aug 2024 14:47

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 82    | Resp: | 2985  |
| Ion      | Ratio | Lower | Upper |
| 82       | 100   |       |       |
| 128      | 36.4  | 29.0  | 43.4  |
| 54       | 63.4  | 50.2  | 75.4  |

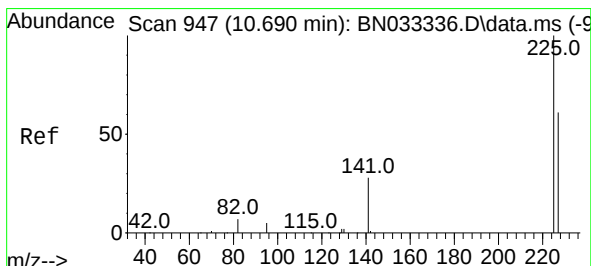
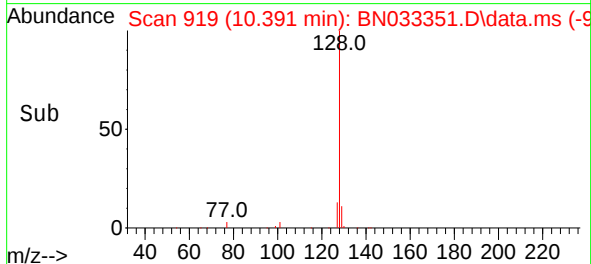
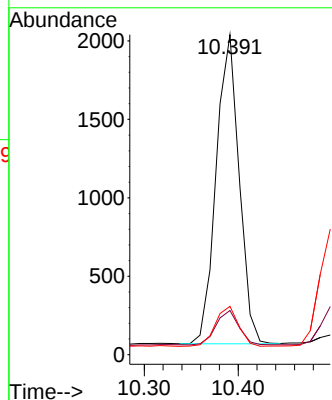
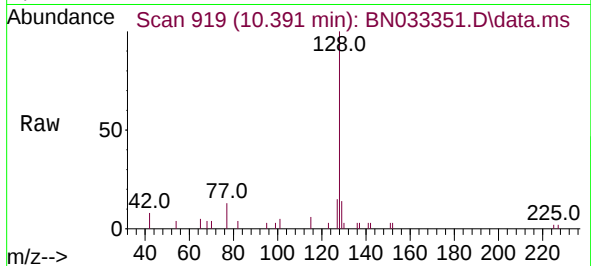




#9  
Naphthalene  
Concen: 0.107 ng  
RT: 10.391 min Scan# 919  
Delta R.T. -0.000 min  
Lab File: BN033351.D  
Acq: 12 Aug 2024 14:47

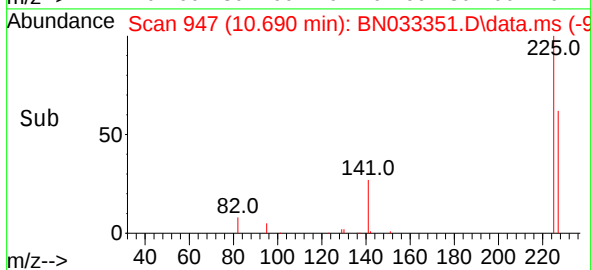
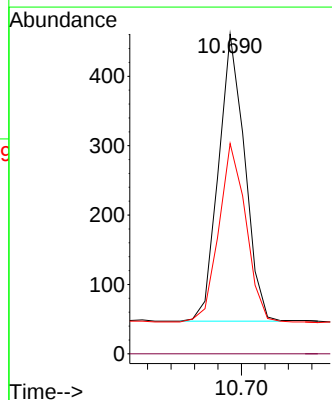
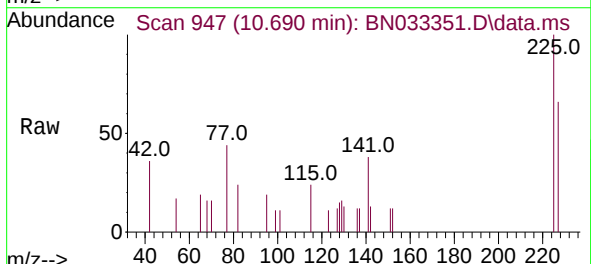
Instrument :  
BNA\_N  
ClientSampleId :  
LOD-MDL-WATER-01-QT3-2024

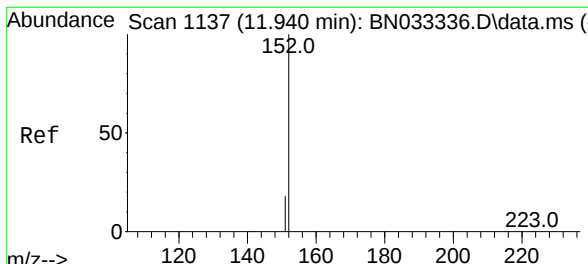
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Ion Ratio Lower Upper  
128 100  
129 13.8 9.2 13.8#  
127 15.1 10.6 15.8



#10  
Hexachlorobutadiene  
Concen: 0.108 ng  
RT: 10.690 min Scan# 947  
Delta R.T. -0.000 min  
Lab File: BN033351.D  
Acq: 12 Aug 2024 14:47

Tgt Ion:225 Resp: 643  
Ion Ratio Lower Upper  
225 100  
223 0.0 0.0 0.0  
227 63.9 50.8 76.2

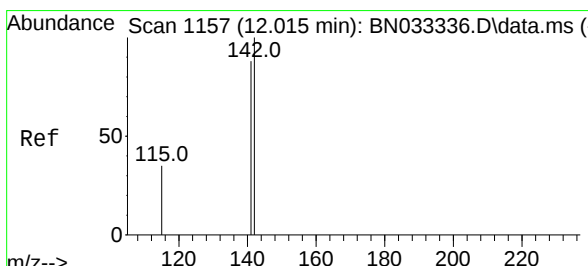
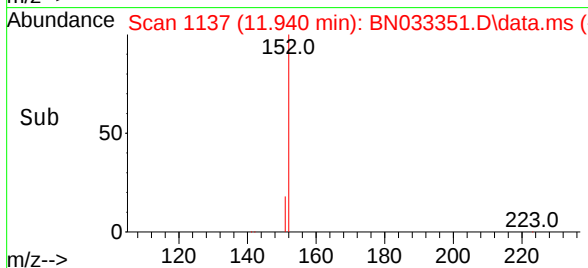
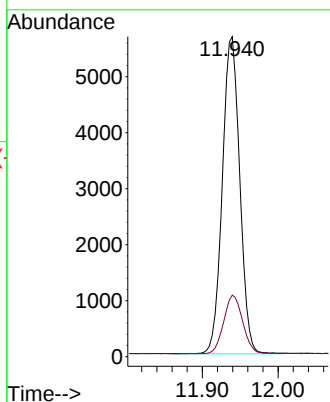
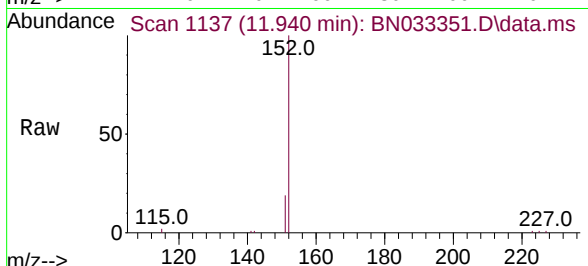




#11  
2-Methylnaphthalene-d10  
Concen: 0.520 ng  
RT: 11.940 min Scan# 1137  
Delta R.T. -0.000 min  
Lab File: BN033351.D  
Acq: 12 Aug 2024 14:47

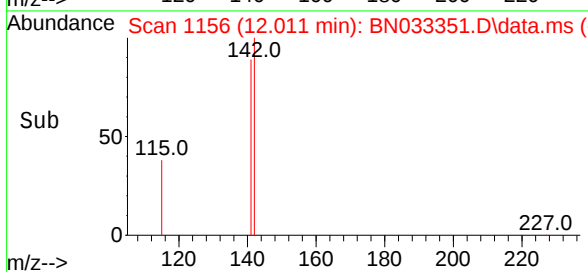
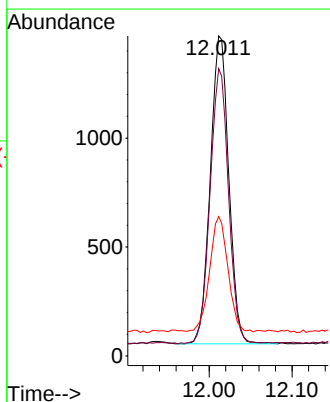
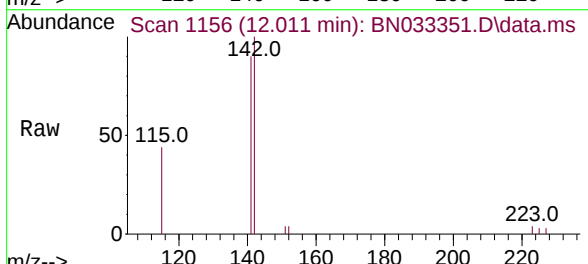
Instrument : BNA\_N  
ClientSampleId : LOD-MDL-WATER-01-QT3-2024

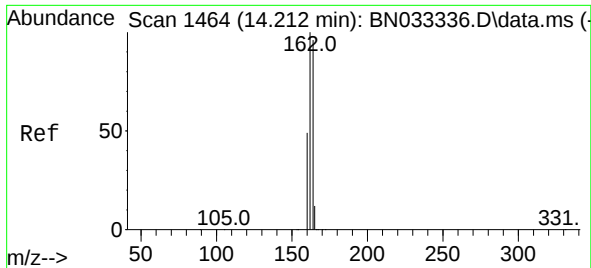
Tgt Ion:152 Resp: 9056  
Ion Ratio Lower Upper  
152 100  
151 20.0 16.7 25.1



#12  
2-Methylnaphthalene  
Concen: 0.104 ng  
RT: 12.011 min Scan# 1156  
Delta R.T. -0.004 min  
Lab File: BN033351.D  
Acq: 12 Aug 2024 14:47

Tgt Ion:142 Resp: 2188  
Ion Ratio Lower Upper  
142 100  
141 89.8 70.2 105.4  
115 43.6 29.3 43.9

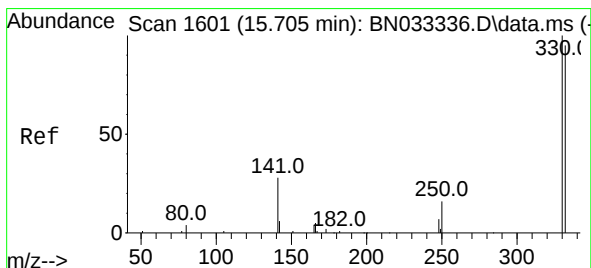
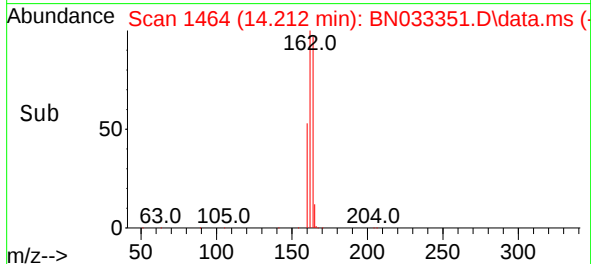
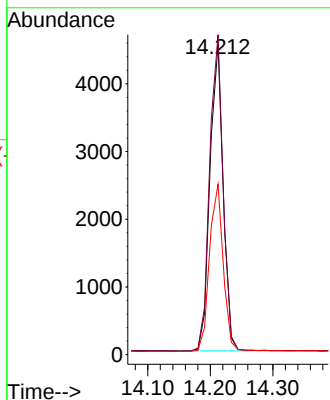
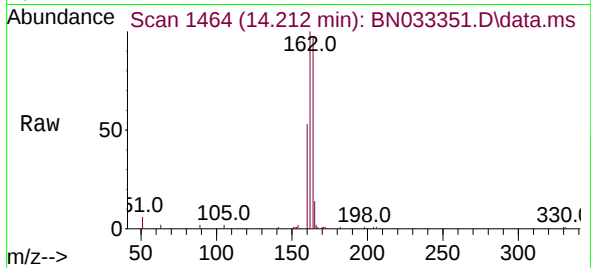




#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.212 min Scan# 1464  
Delta R.T. -0.000 min  
Lab File: BN033351.D  
Acq: 12 Aug 2024 14:47

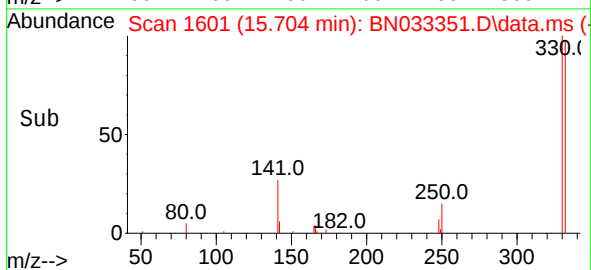
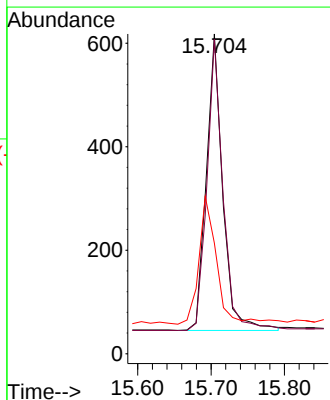
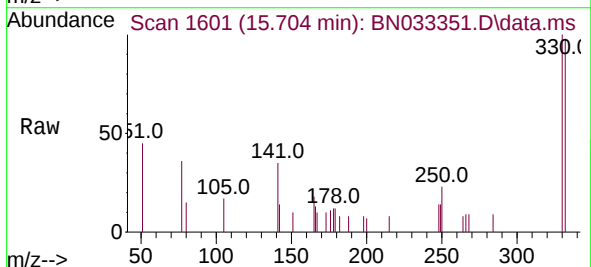
Instrument : BNA\_N  
ClientSampleId : LOD-MDL-WATER-01-QT3-2024

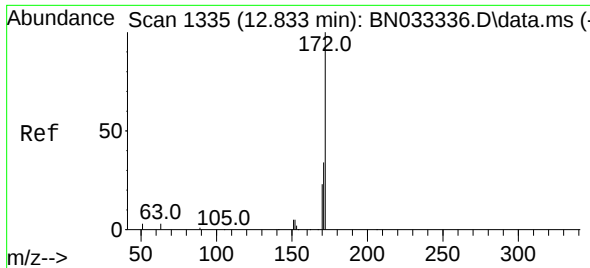
Tgt Ion:164 Resp: 6603  
Ion Ratio Lower Upper  
164 100  
162 103.0 83.1 124.7  
160 54.9 41.1 61.7



#14  
2,4,6-Tribromophenol  
Concen: 0.262 ng  
RT: 15.704 min Scan# 1601  
Delta R.T. -0.000 min  
Lab File: BN033351.D  
Acq: 12 Aug 2024 14:47

Tgt Ion:330 Resp: 886  
Ion Ratio Lower Upper  
330 100  
332 96.8 77.1 115.7  
141 47.9 33.4 50.0

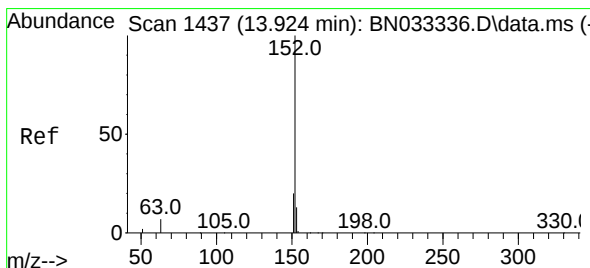
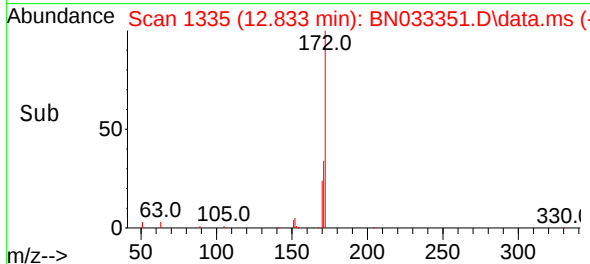
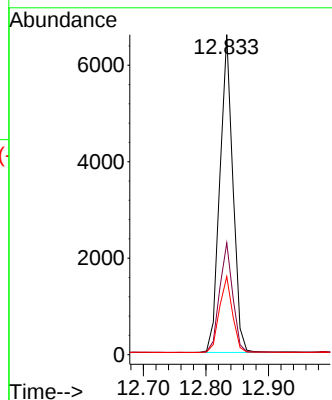
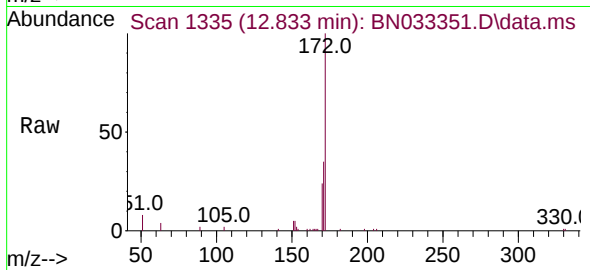




#15  
2-Fluorobiphenyl  
Concen: 0.353 ng  
RT: 12.833 min Scan# 1435  
Delta R.T. -0.000 min  
Lab File: BN033351.D  
Acq: 12 Aug 2024 14:47

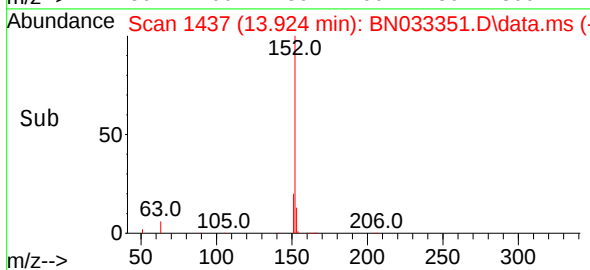
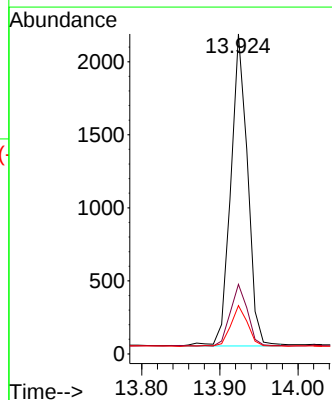
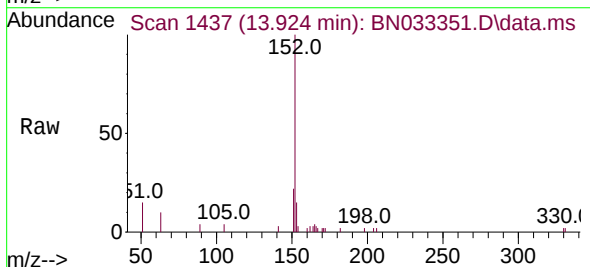
Instrument :  
BNA\_N  
ClientSampleId :  
LOD-MDL-WATER-01-QT3-2024

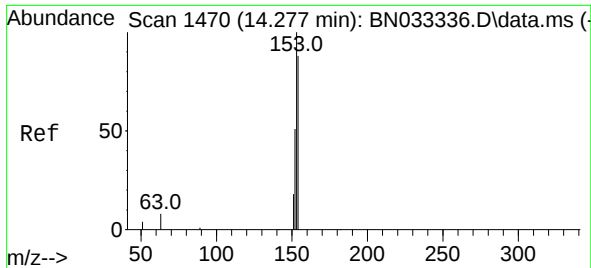
Tgt Ion:172 Resp: 9559  
Ion Ratio Lower Upper  
172 100  
171 34.9 27.8 41.8  
170 24.4 18.7 28.1



#16  
Acenaphthylene  
Concen: 0.103 ng  
RT: 13.924 min Scan# 1437  
Delta R.T. -0.000 min  
Lab File: BN033351.D  
Acq: 12 Aug 2024 14:47

Tgt Ion:152 Resp: 3189  
Ion Ratio Lower Upper  
152 100  
151 20.2 15.7 23.5  
153 13.4 10.4 15.6

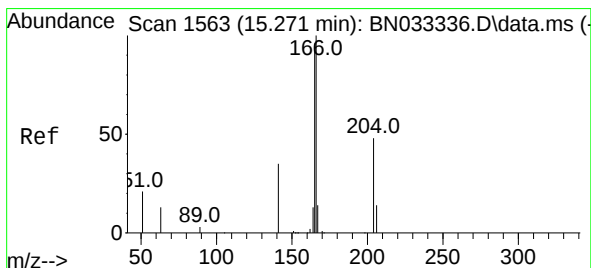
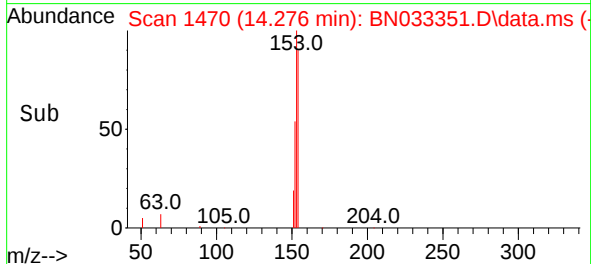
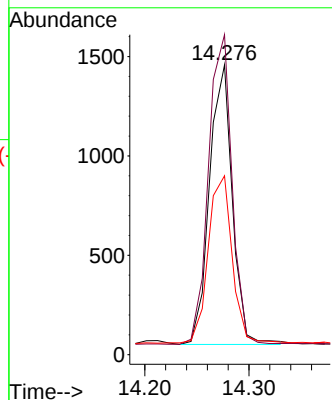
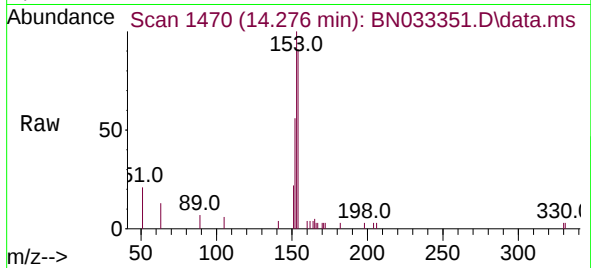




#17  
Acenaphthene  
Concen: 0.102 ng  
RT: 14.276 min Scan# 1470  
Delta R.T. -0.000 min  
Lab File: BN033351.D  
Acq: 12 Aug 2024 14:47

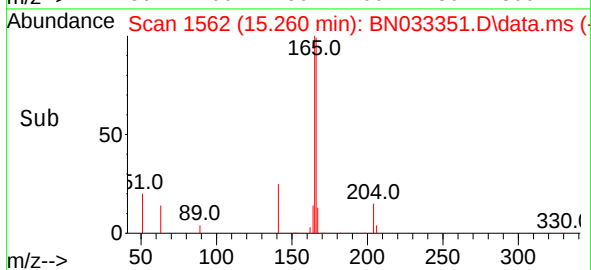
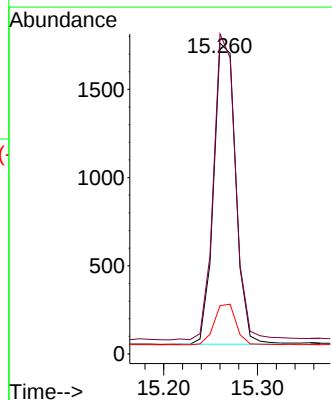
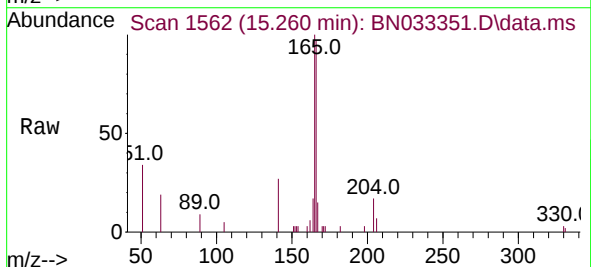
Instrument :  
BNA\_N  
ClientSampleId :  
LOD-MDL-WATER-01-QT3-2024

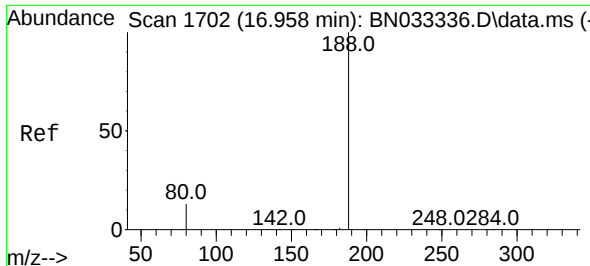
Tgt Ion:154 Resp: 2152  
Ion Ratio Lower Upper  
154 100  
153 112.9 89.7 134.5  
152 62.5 47.2 70.8



#18  
Fluorene  
Concen: 0.100 ng  
RT: 15.260 min Scan# 1562  
Delta R.T. -0.011 min  
Lab File: BN033351.D  
Acq: 12 Aug 2024 14:47

Tgt Ion:166 Resp: 2791  
Ion Ratio Lower Upper  
166 100  
165 100.6 78.0 117.0  
167 13.6 10.7 16.1





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.958 min Scan# 1

Delta R.T. -0.000 min

Lab File: BN033351.D

Acq: 12 Aug 2024 14:47

Instrument :

BNA\_N

ClientSampleId :

LOD-MDL-WATER-01-QT3-2024

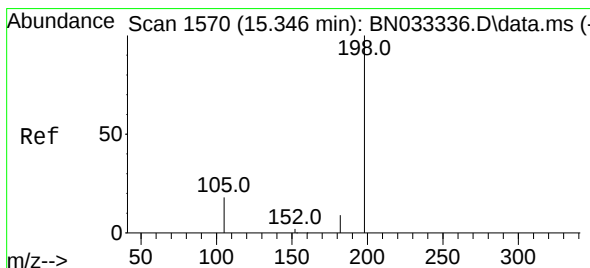
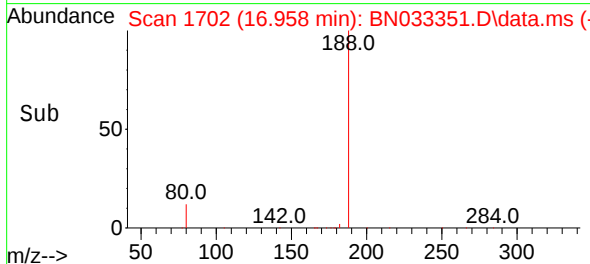
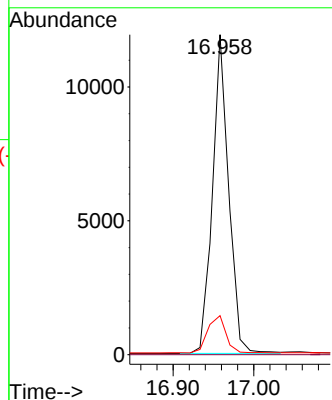
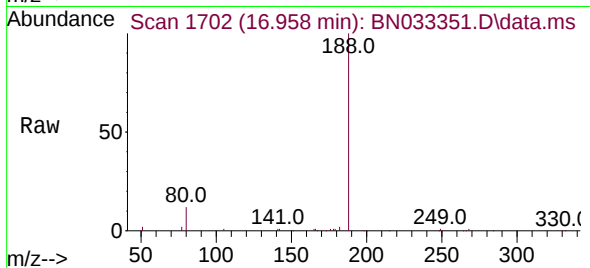
Tgt Ion:188 Resp: 16666

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 12.2 10.7 16.1



#20

4,6-Dinitro-2-methylphenol

Concen: 0.074 ng

RT: 15.345 min Scan# 1570

Delta R.T. -0.000 min

Lab File: BN033351.D

Acq: 12 Aug 2024 14:47

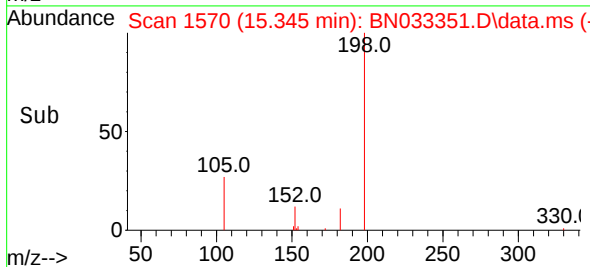
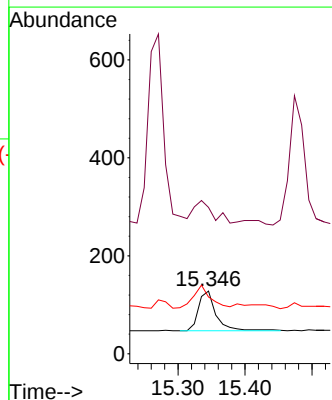
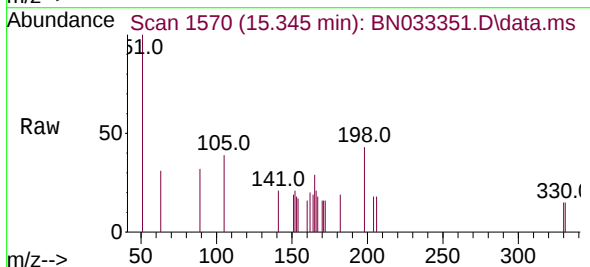
Tgt Ion:198 Resp: 149

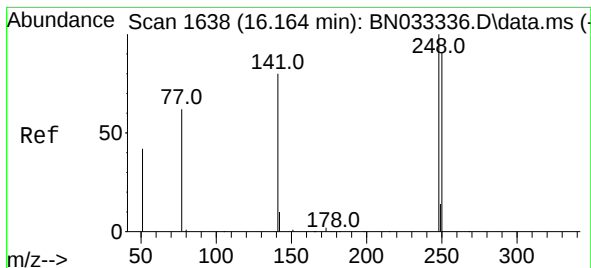
Ion Ratio Lower Upper

198 100

51 233.6 62.8 94.2#

105 90.6 34.1 51.1#

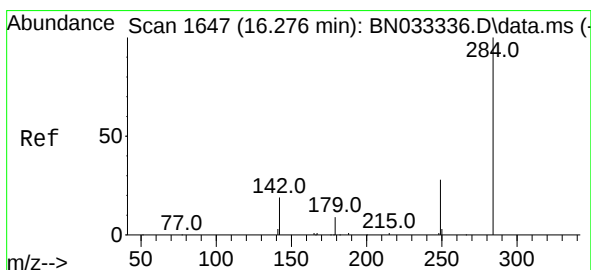
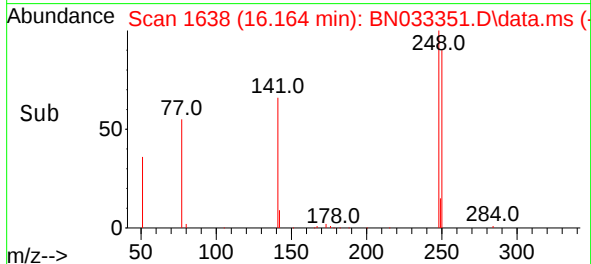
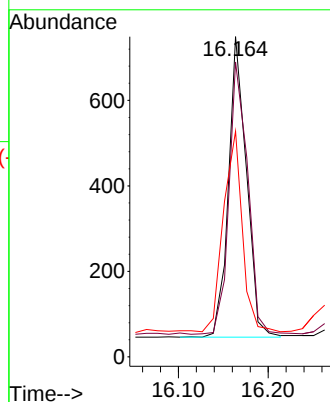
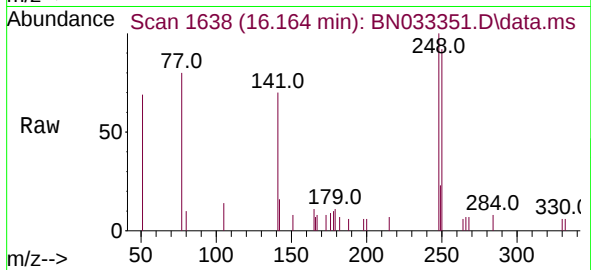




#21  
4-Bromophenyl-phenylether  
Concen: 0.098 ng  
RT: 16.164 min Scan# 1638  
Delta R.T. -0.000 min  
Lab File: BN033351.D  
Acq: 12 Aug 2024 14:47

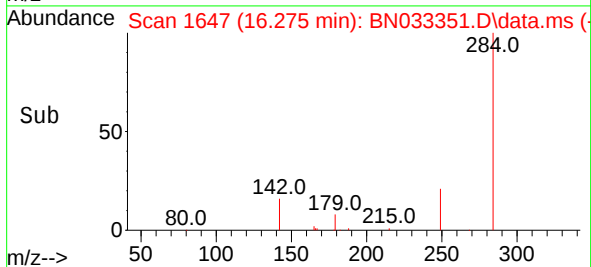
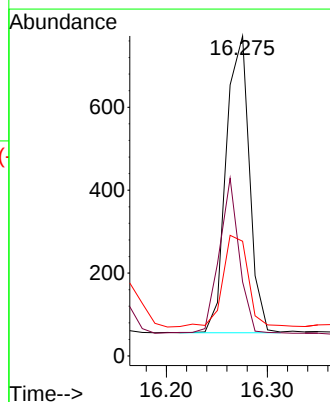
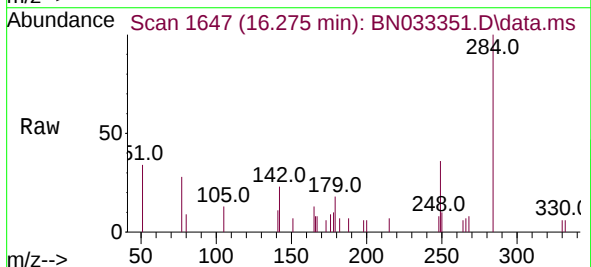
Instrument :  
BNA\_N  
ClientSampleId :  
LOD-MDL-WATER-01-QT3-2024

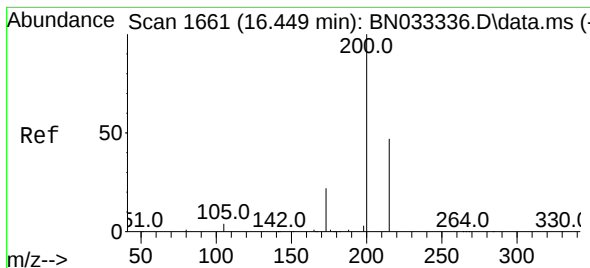
Tgt Ion:248 Resp: 980  
Ion Ratio Lower Upper  
248 100  
250 92.1 73.0 109.4  
141 70.5 64.6 96.8



#22  
Hexachlorobenzene  
Concen: 0.102 ng  
RT: 16.275 min Scan# 1647  
Delta R.T. -0.000 min  
Lab File: BN033351.D  
Acq: 12 Aug 2024 14:47

Tgt Ion:284 Resp: 1145  
Ion Ratio Lower Upper  
284 100  
142 44.8 32.2 48.4  
249 33.0 25.3 37.9





#23

Atrazine

Concen: 0.088 ng

RT: 16.437 min Scan# 1660

Delta R.T. -0.012 min

Lab File: BN033351.D

Acq: 12 Aug 2024 14:47

Instrument :

BNA\_N

ClientSampleId :

LOD-MDL-WATER-01-QT3-2024

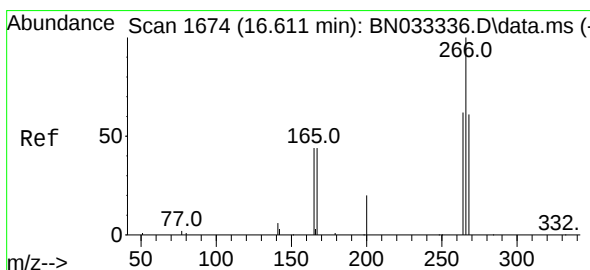
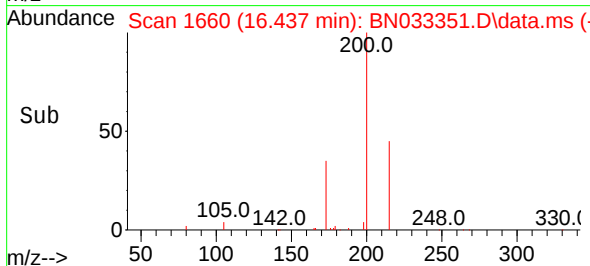
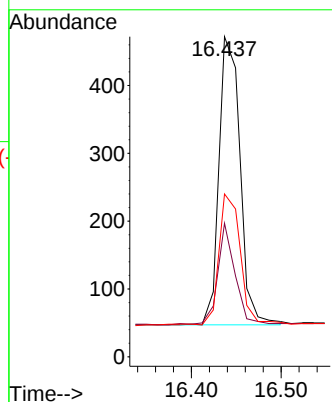
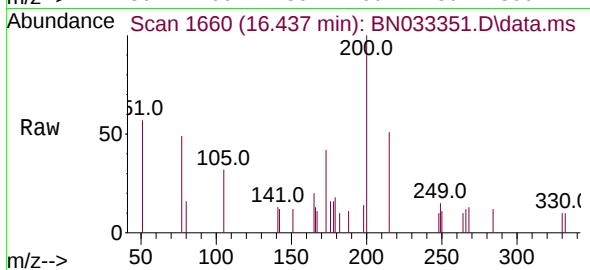
Tgt Ion:200 Resp: 694

Ion Ratio Lower Upper

200 100

173 41.7 18.7 28.1#

215 50.8 38.6 58.0



#24

Pentachlorophenol

Concen: 0.043 ng

RT: 16.611 min Scan# 1674

Delta R.T. -0.000 min

Lab File: BN033351.D

Acq: 12 Aug 2024 14:47

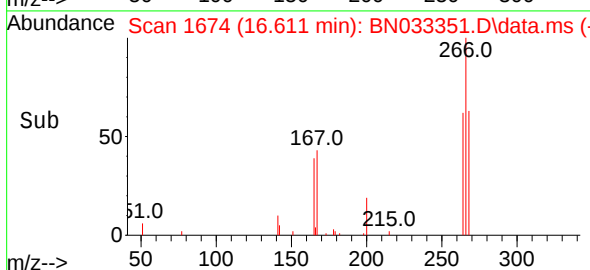
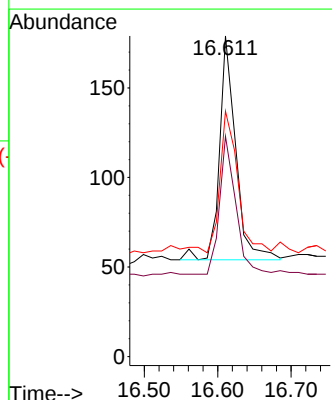
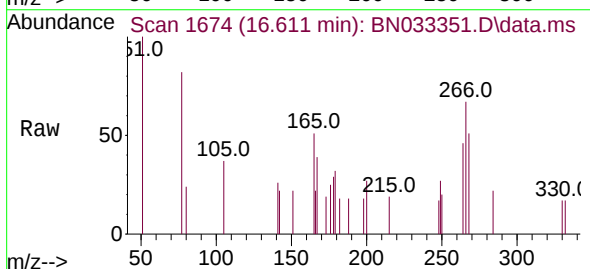
Tgt Ion:266 Resp: 193

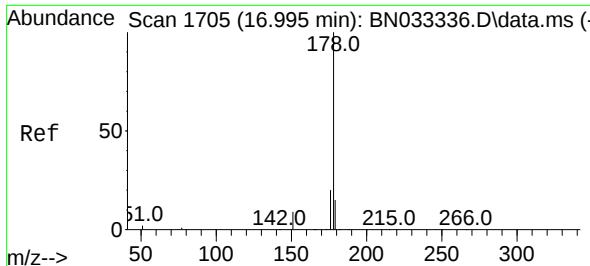
Ion Ratio Lower Upper

266 100

264 62.2 49.2 73.8

268 64.8 51.2 76.8

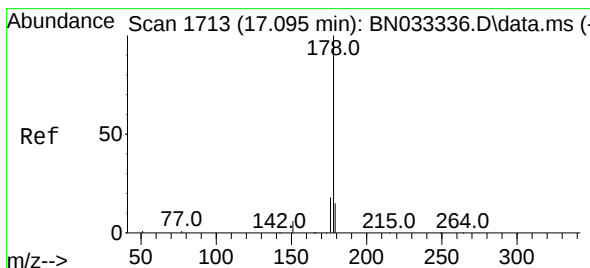
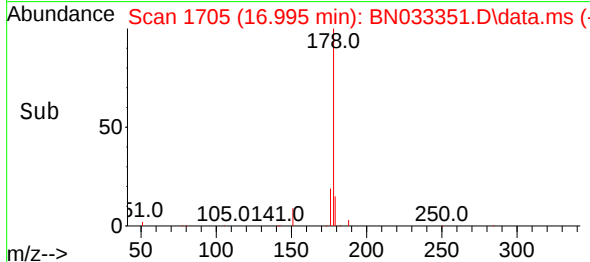
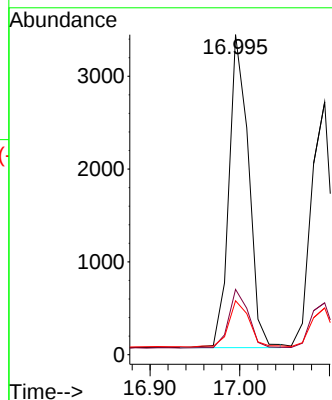
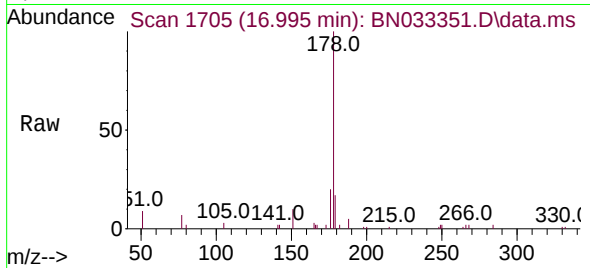




#25  
Phenanthrene  
Concen: 0.106 ng  
RT: 16.995 min Scan# 1705  
Delta R.T. -0.000 min  
Lab File: BN033351.D  
Acq: 12 Aug 2024 14:47

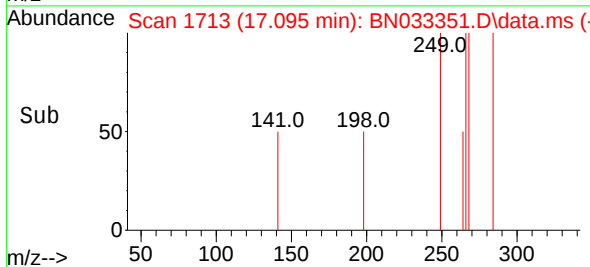
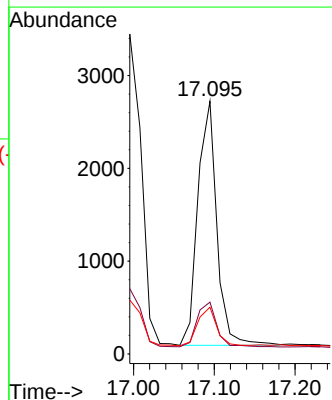
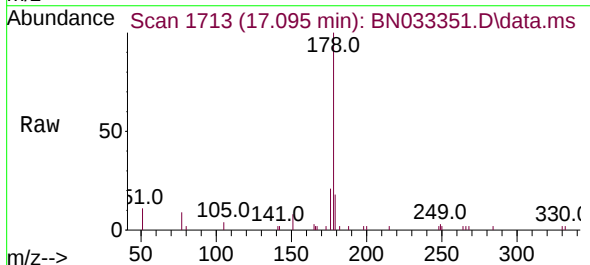
Instrument :  
BNA\_N  
ClientSampleId :  
LOD-MDL-WATER-01-QT3-2024

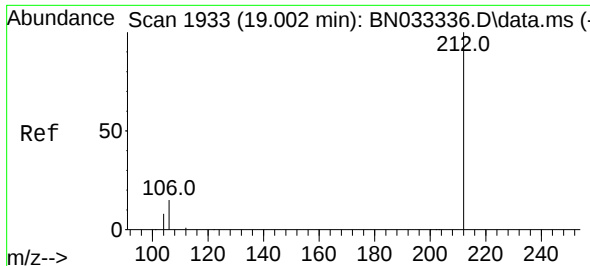
Tgt Ion:178 Resp: 5109  
Ion Ratio Lower Upper  
178 100  
176 18.8 15.4 23.0  
179 15.5 12.2 18.2



#26  
Anthracene  
Concen: 0.101 ng  
RT: 17.095 min Scan# 1713  
Delta R.T. -0.000 min  
Lab File: BN033351.D  
Acq: 12 Aug 2024 14:47

Tgt Ion:178 Resp: 4317  
Ion Ratio Lower Upper  
178 100  
176 18.9 14.7 22.1  
179 15.6 12.2 18.2





#27

Fluoranthene-d10

Concen: 0.536 ng

RT: 18.997 min Scan# 1932

Delta R.T. -0.005 min

Lab File: BN033351.D

Acq: 12 Aug 2024 14:47

Instrument :

BNA\_N

ClientSampleId :

LOD-MDL-WATER-01-QT3-2024

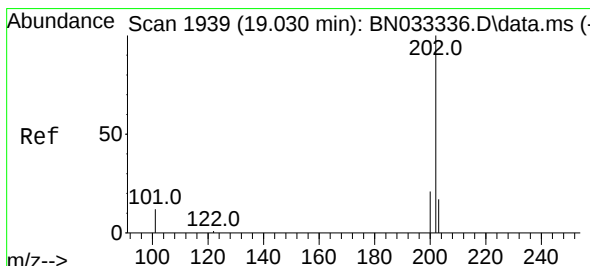
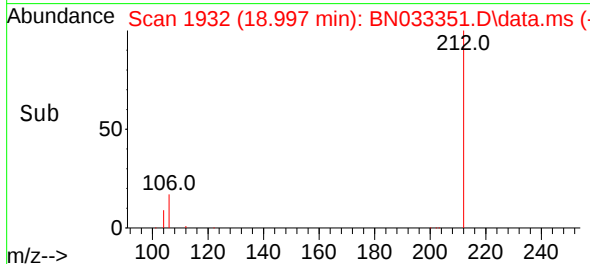
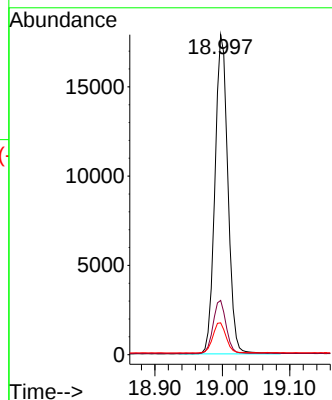
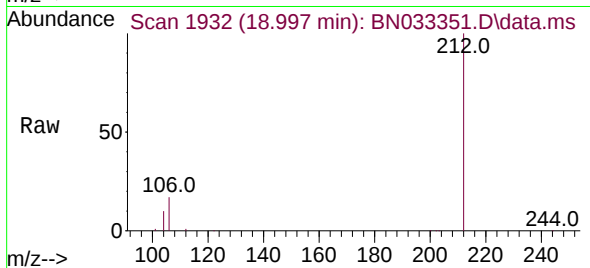
Tgt Ion:212 Resp: 23862

Ion Ratio Lower Upper

212 100

106 16.9 12.8 19.2

104 9.7 7.1 10.7



#28

Fluoranthene

Concen: 0.099 ng

RT: 19.030 min Scan# 1939

Delta R.T. -0.000 min

Lab File: BN033351.D

Acq: 12 Aug 2024 14:47

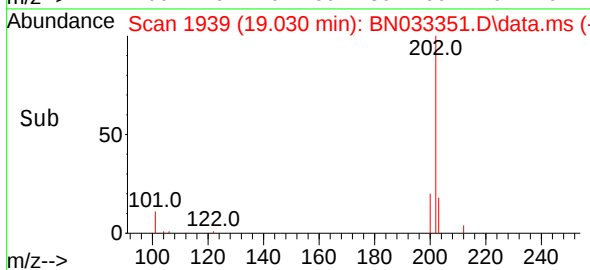
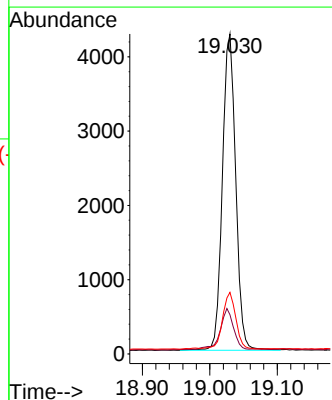
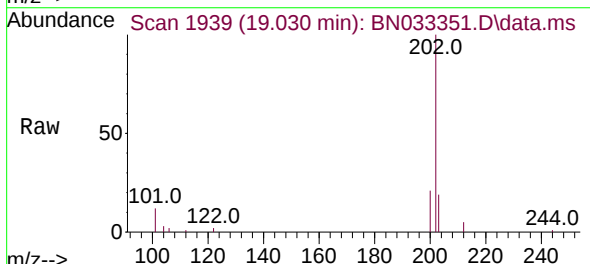
Tgt Ion:202 Resp: 5843

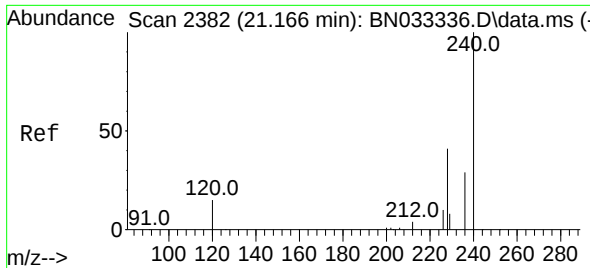
Ion Ratio Lower Upper

202 100

101 13.6 9.8 14.6

203 17.5 13.8 20.6

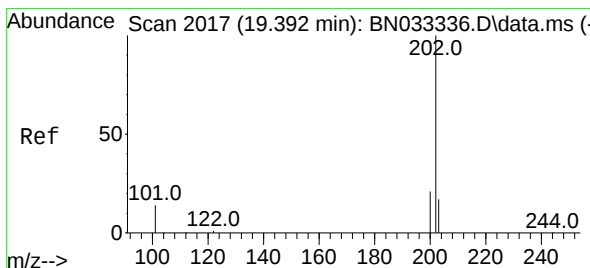
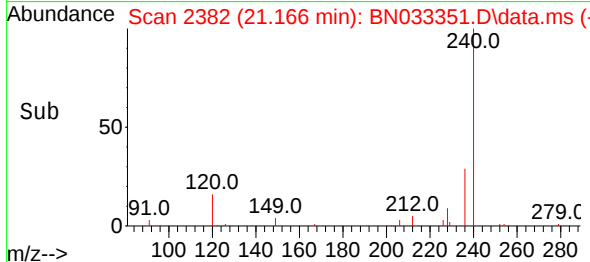
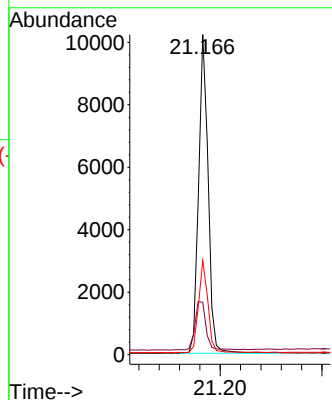
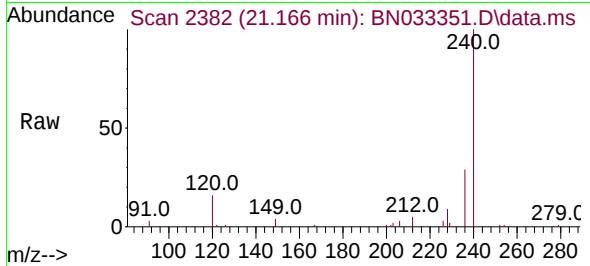




#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.166 min Scan# 24  
Delta R.T. -0.000 min  
Lab File: BN033351.D  
Acq: 12 Aug 2024 14:47

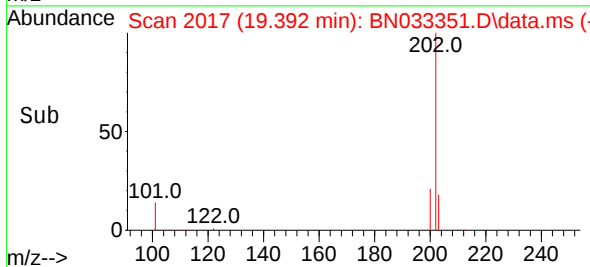
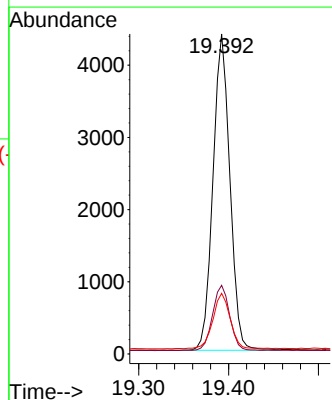
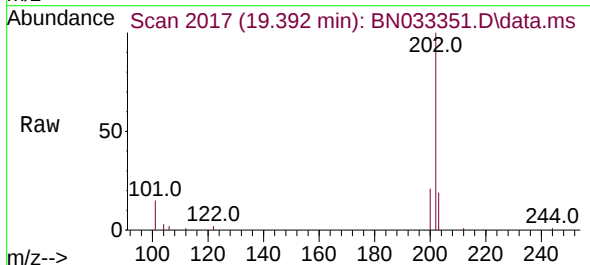
Instrument :  
BNA\_N  
ClientSampleId :  
LOD-MDL-WATER-01-QT3-2024

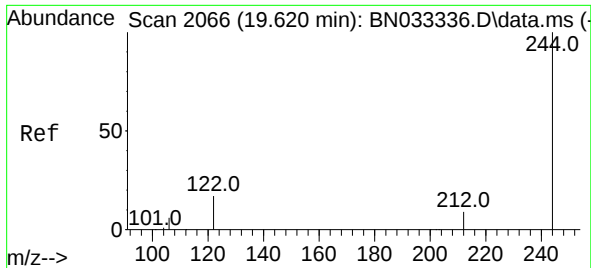
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 240   | Resp: | 13200 |
| Ion Ratio | Lower | Upper |       |
| 240       | 100   |       |       |
| 120       | 16.4  | 13.0  | 19.6  |
| 236       | 29.4  | 23.2  | 34.8  |



#30  
Pyrene  
Concen: 0.108 ng  
RT: 19.392 min Scan# 2017  
Delta R.T. -0.000 min  
Lab File: BN033351.D  
Acq: 12 Aug 2024 14:47

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 202   | Resp: | 5699 |
| Ion Ratio | Lower | Upper |      |
| 202       | 100   |       |      |
| 200       | 20.9  | 16.7  | 25.1 |
| 203       | 18.4  | 14.2  | 21.4 |

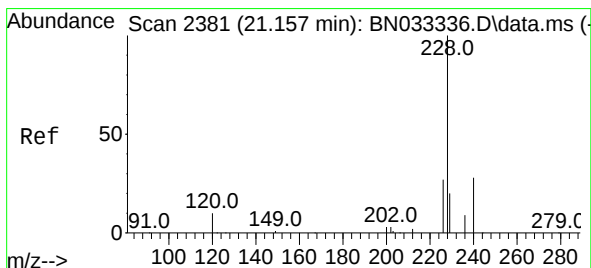
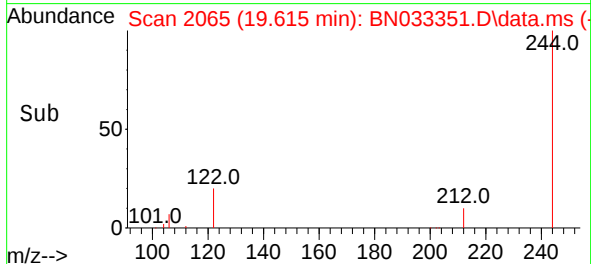
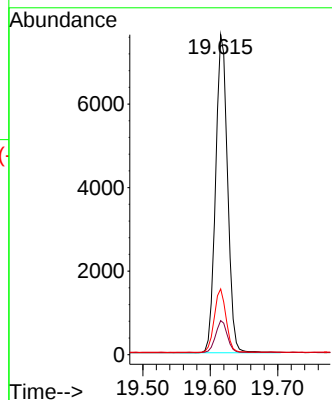
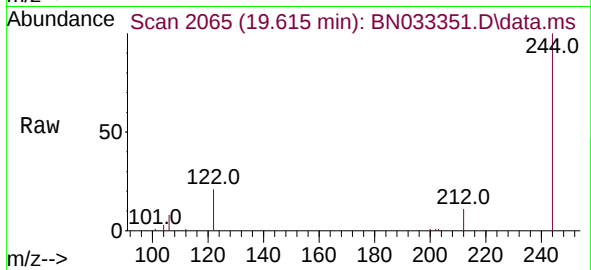




#31  
Terphenyl-d14  
Concen: 0.376 ng  
RT: 19.615 min Scan# 2065  
Delta R.T. -0.005 min  
Lab File: BN033351.D  
Acq: 12 Aug 2024 14:47

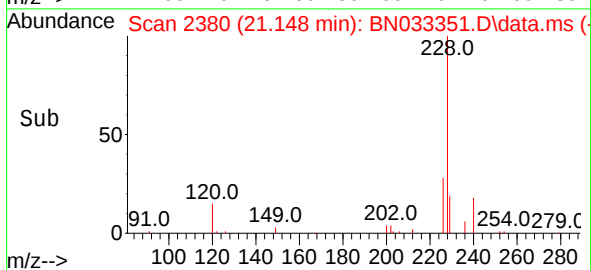
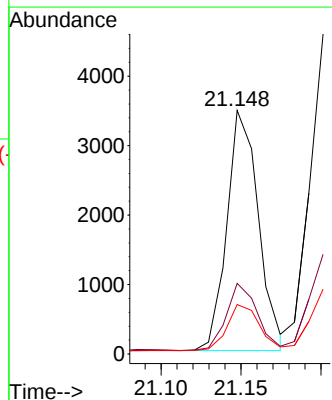
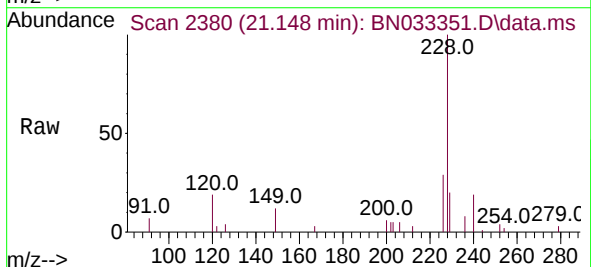
Instrument :  
BNA\_N  
ClientSampleId :  
LOD-MDL-WATER-01-QT3-2024

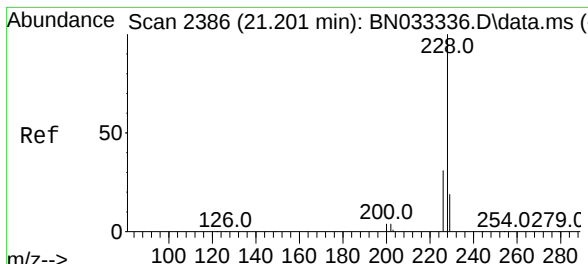
Tgt Ion:244 Resp: 9385  
Ion Ratio Lower Upper  
244 100  
212 10.6 7.7 11.5  
122 20.5 14.0 21.0



#32  
Benzo(a)anthracene  
Concen: 0.096 ng  
RT: 21.148 min Scan# 2380  
Delta R.T. -0.009 min  
Lab File: BN033351.D  
Acq: 12 Aug 2024 14:47

Tgt Ion:228 Resp: 4747  
Ion Ratio Lower Upper  
228 100  
226 29.0 21.6 32.4  
229 20.3 15.9 23.9



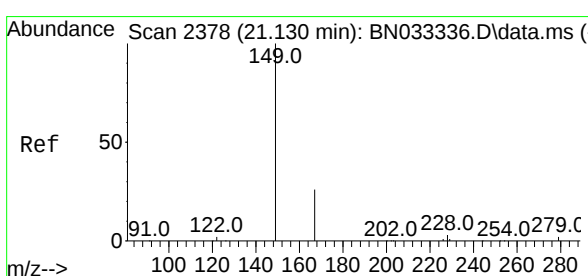
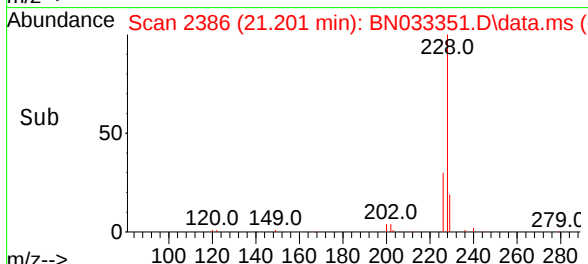
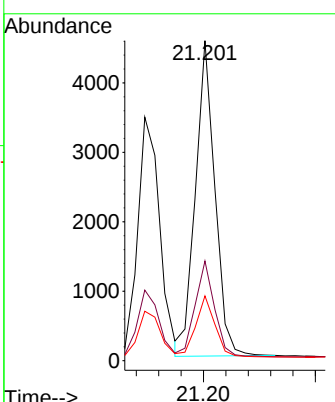
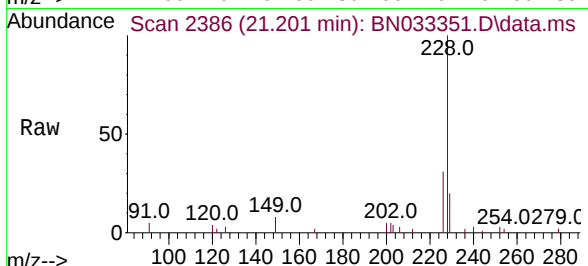


#33  
Chrysene  
Concen: 0.110 ng  
RT: 21.201 min Scan# 2386  
Delta R.T. -0.000 min  
Lab File: BN033351.D  
Acq: 12 Aug 2024 14:47

Instrument : BNA\_N  
ClientSampleId : LOD-MDL-WATER-01-QT3-2024

Tgt Ion:228 Resp: 5475

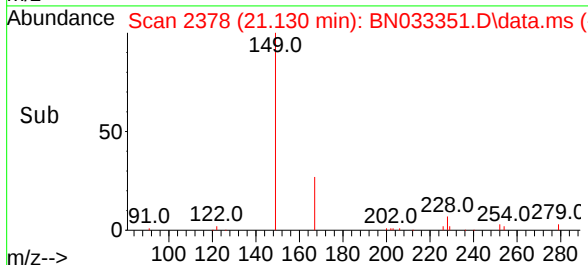
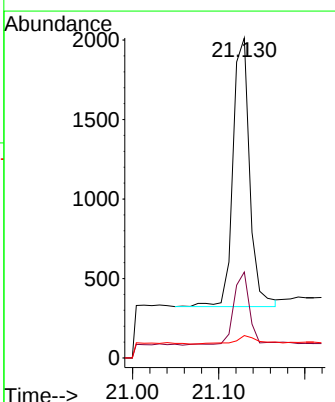
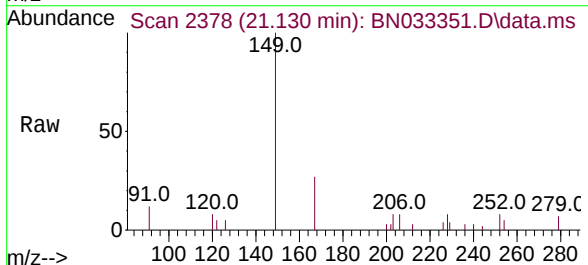
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 31.2  | 24.7  | 37.1  |
| 229 | 20.3  | 15.4  | 23.2  |

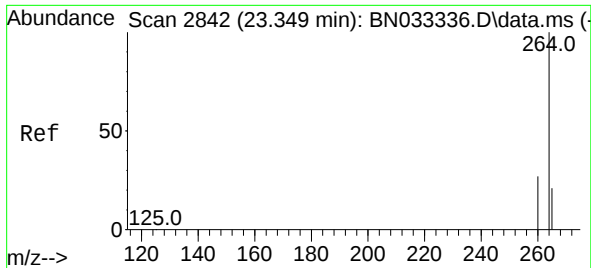


#34  
Bis(2-ethylhexyl)phthalate  
Concen: 0.102 ng  
RT: 21.130 min Scan# 2378  
Delta R.T. -0.000 min  
Lab File: BN033351.D  
Acq: 12 Aug 2024 14:47

Tgt Ion:149 Resp: 2287

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 167 | 25.9  | 20.9  | 31.3  |
| 279 | 4.4   | 2.2   | 3.4   |

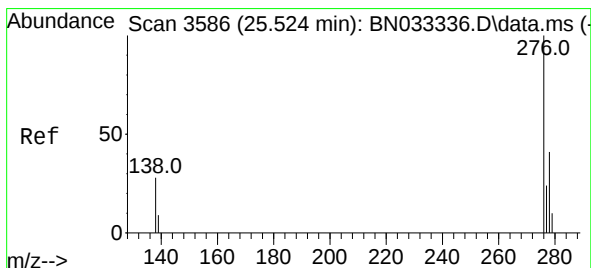
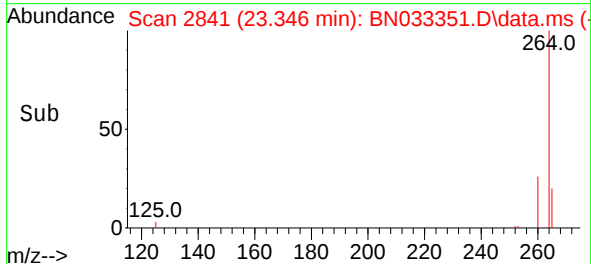
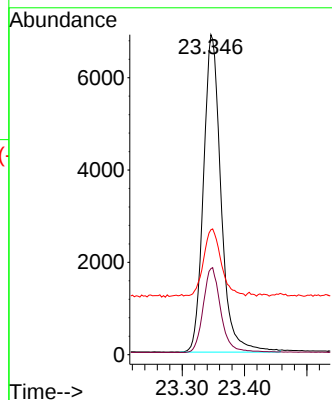
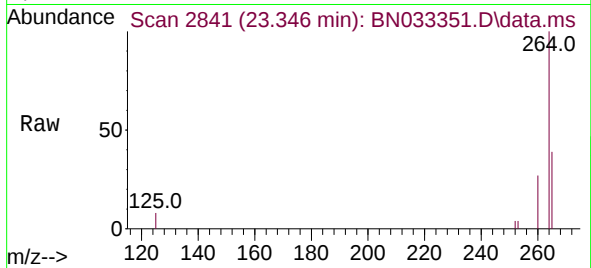




#35  
Perylene-d12  
Concen: 0.400 ng  
RT: 23.346 min Scan# 21  
Delta R.T. -0.003 min  
Lab File: BN033351.D  
Acq: 12 Aug 2024 14:47

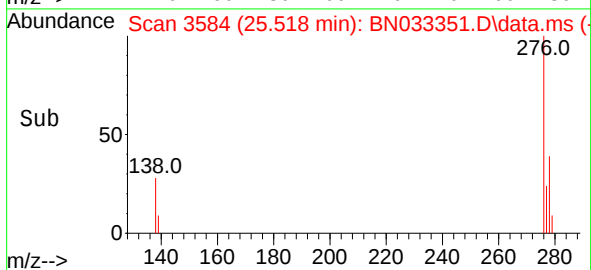
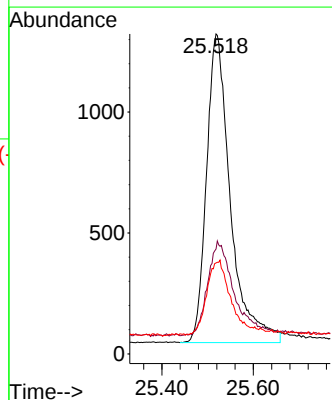
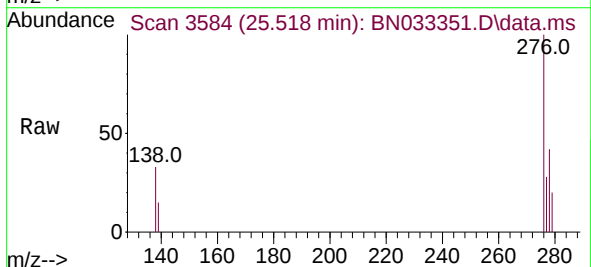
Instrument :  
BNA\_N  
ClientSampleId :  
LOD-MDL-WATER-01-QT3-2024

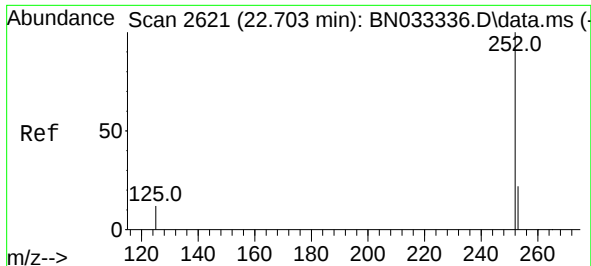
|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:264 | Resp: | 13442     |
| Ion Ratio   | Lower | Upper     |
| 264         | 100   |           |
| 260         | 26.9  | 21.6 32.4 |
| 265         | 39.0  | 29.3 43.9 |



#36  
Indeno(1,2,3-cd)pyrene  
Concen: 0.083 ng  
RT: 25.518 min Scan# 3584  
Delta R.T. -0.006 min  
Lab File: BN033351.D  
Acq: 12 Aug 2024 14:47

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:276 | Resp: | 4628      |
| Ion Ratio   | Lower | Upper     |
| 276         | 100   |           |
| 138         | 33.2  | 24.9 37.3 |
| 277         | 24.0  | 19.8 29.6 |





#37

Benzo(b)fluoranthene

Concen: 0.099 ng

RT: 22.700 min Scan# 2620

Delta R.T. -0.003 min

Lab File: BN033351.D

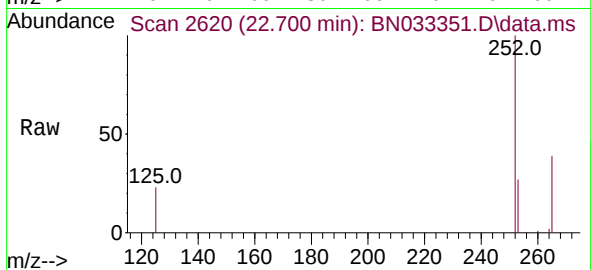
Acq: 12 Aug 2024 14:47

Instrument :

BNA\_N

ClientSampleId :

LOD-MDL-WATER-01-QT3-2024



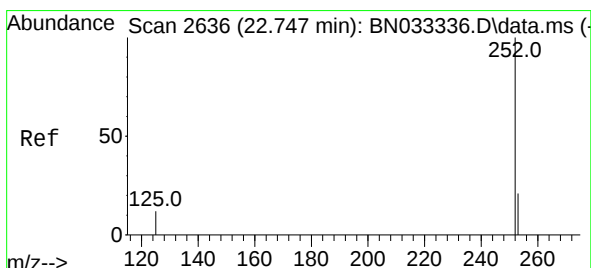
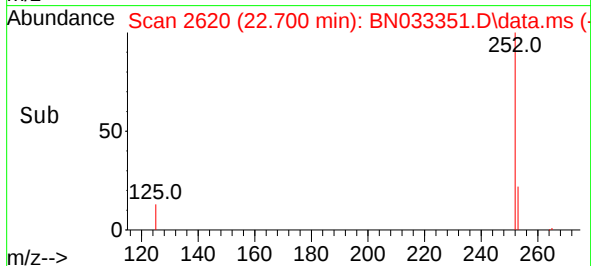
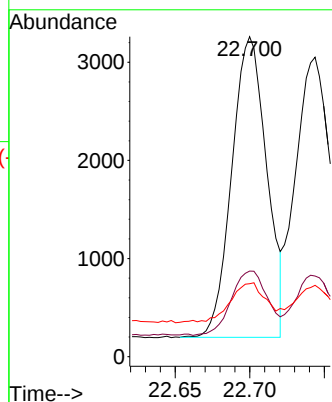
Tgt Ion:252 Resp: 4985

Ion Ratio Lower Upper

252 100

253 26.7 18.2 27.2

125 22.8 11.3 16.9#



#38

Benzo(k)fluoranthene

Concen: 0.100 ng

RT: 22.744 min Scan# 2635

Delta R.T. -0.003 min

Lab File: BN033351.D

Acq: 12 Aug 2024 14:47

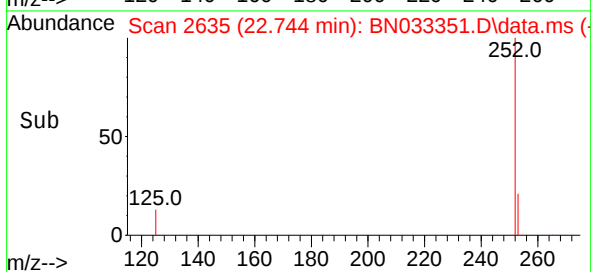
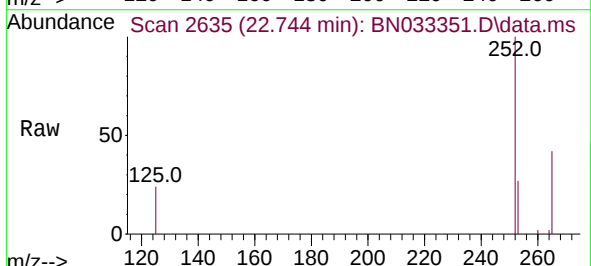
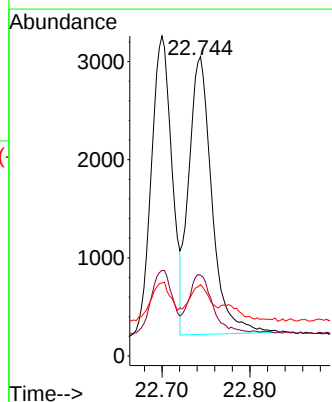
Tgt Ion:252 Resp: 5185

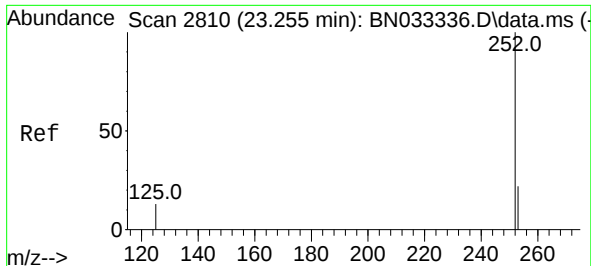
Ion Ratio Lower Upper

252 100

253 26.9 17.9 26.9#

125 23.8 11.3 16.9#





#39

Benzo(a)pyrene

Concen: 0.088 ng

RT: 23.252 min Scan# 21

Delta R.T. -0.003 min

Lab File: BN033351.D

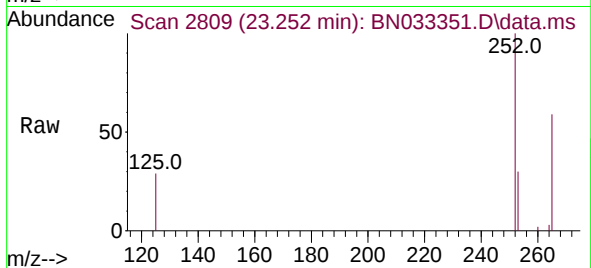
Acq: 12 Aug 2024 14:47

Instrument :

BNA\_N

ClientSampleId :

LOD-MDL-WATER-01-QT3-2024



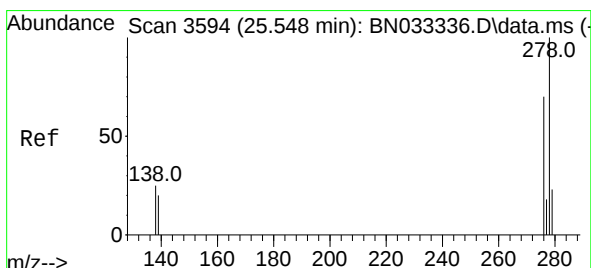
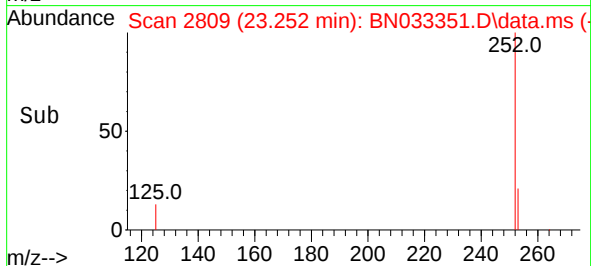
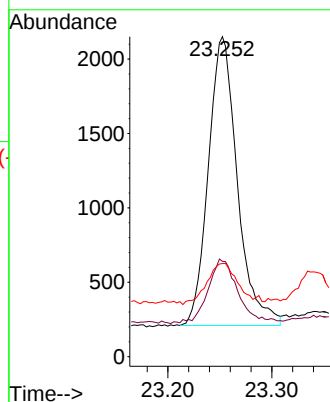
Tgt Ion:252 Resp: 3766

Ion Ratio Lower Upper

252 100

253 29.8 18.6 28.0#

125 29.1 12.6 19.0#



#40

Dibenzo(a,h)anthracene

Concen: 0.081 ng

RT: 25.542 min Scan# 3592

Delta R.T. -0.006 min

Lab File: BN033351.D

Acq: 12 Aug 2024 14:47

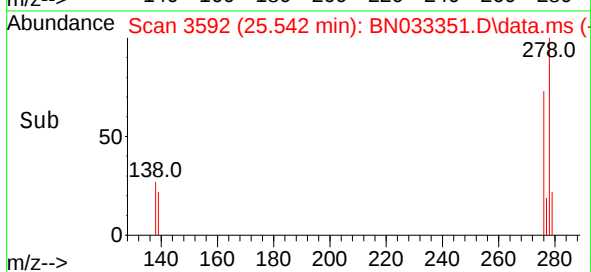
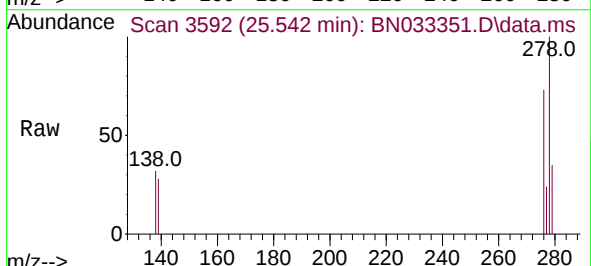
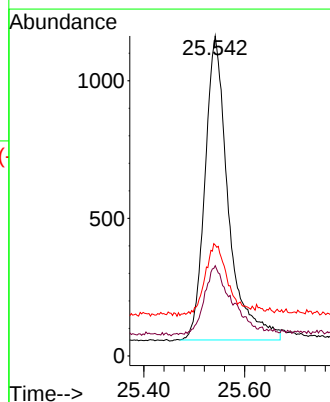
Tgt Ion:278 Resp: 3558

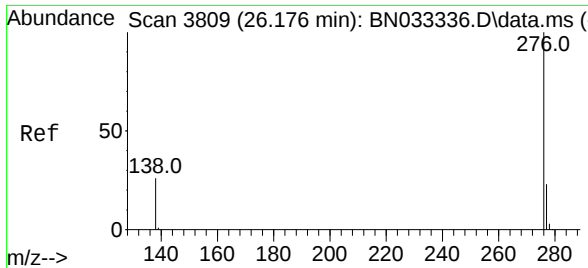
Ion Ratio Lower Upper

278 100

139 28.2 17.0 25.6#

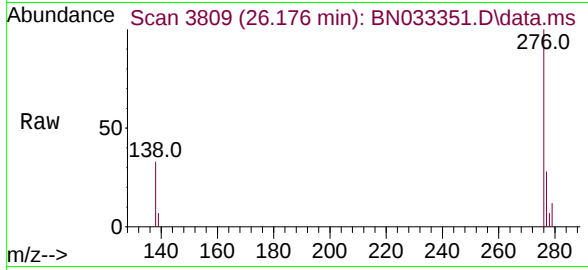
279 34.7 20.0 30.0#





#41  
Benzo(g,h,i)perylene  
Concen: 0.086 ng  
RT: 26.176 min Scan# 3809  
Delta R.T. -0.000 min  
Lab File: BN033351.D  
Acq: 12 Aug 2024 14:47

Instrument :  
BNA\_N  
ClientSampleId :  
LOD-MDL-WATER-01-QT3-2024



Tgt Ion:276 Resp: 4180  
Ion Ratio Lower Upper  
276 100  
277 28.2 19.4 29.2  
138 33.1 21.6 32.4#

