

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN102323\  
 Data File : BN028360.D  
 Acq On : 24 Oct 2023 00:25  
 Operator : MA/JU  
 Sample : 04986-04  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 GWOW-BR-06-252-272-101923

Quant Time: Oct 24 03:22:41 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN101223.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Oct 23 15:14:08 2023  
 Response via : Initial Calibration

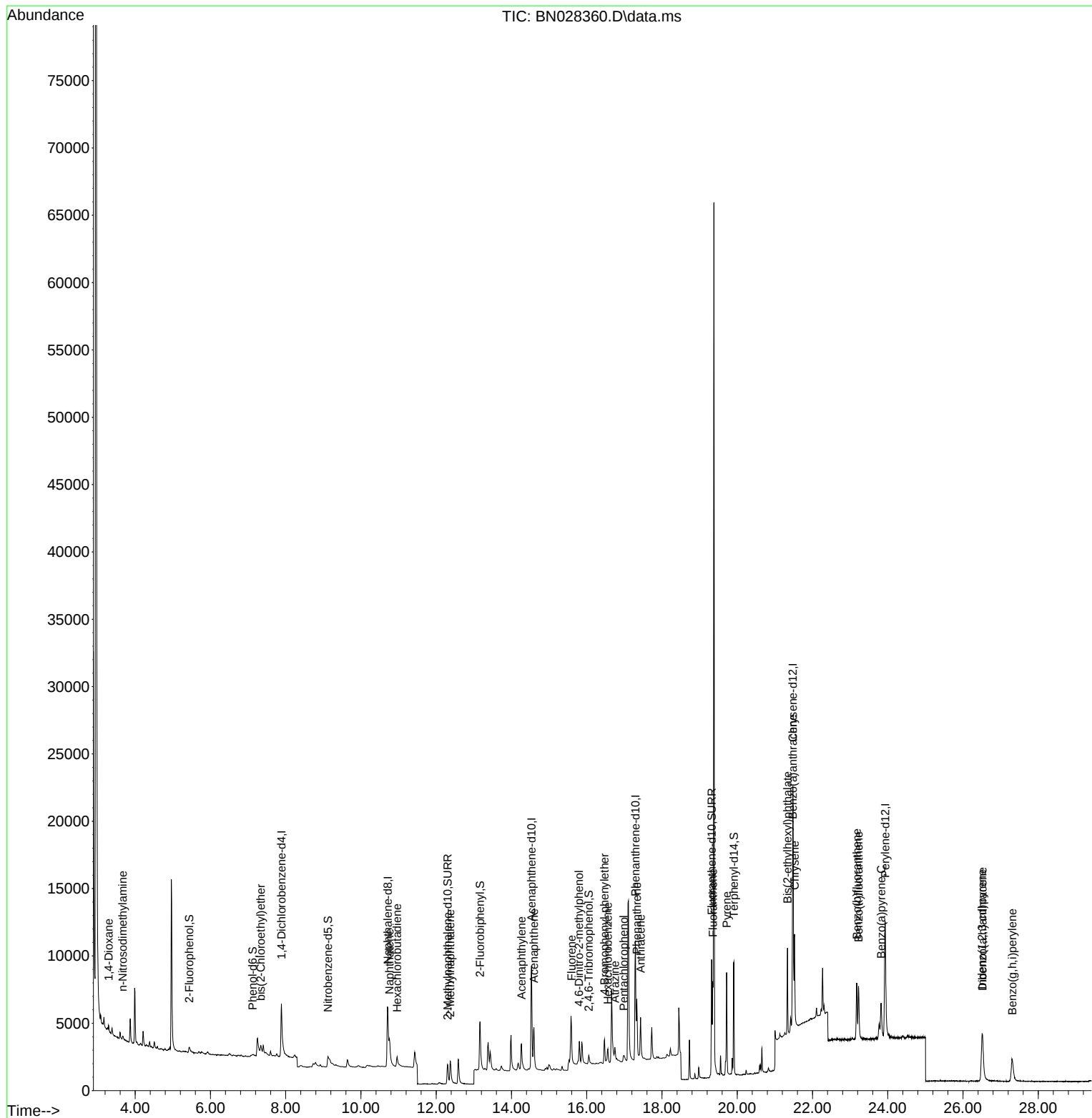
| Compound                      | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|-------|--------|----------|
| -----                         |        |      |          |       |        |          |
| Internal Standards            |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.886  | 152  | 3092     | 0.400 | ng     | 0.00     |
| 7) Naphthalene-d8             | 10.714 | 136  | 9861     | 0.400 | ng     | 0.01     |
| 13) Acenaphthene-d10          | 14.534 | 164  | 6367     | 0.400 | ng     | 0.00     |
| 19) Phenanthrene-d10          | 17.294 | 188  | 14997    | 0.400 | ng     | 0.00     |
| 29) Chrysene-d12              | 21.480 | 240  | 15368    | 0.400 | ng     | 0.00     |
| 35) Perylene-d12              | 23.931 | 264  | 14972    | 0.400 | ng     | # 0.00   |
|                               |        |      |          |       |        |          |
| System Monitoring Compounds   |        |      |          |       |        |          |
| 4) 2-Fluorophenol             | 5.437  | 112  | 667      | 0.069 | ng     | 0.00     |
| 5) Phenol-d6                  | 7.120  | 99   | 376      | 0.032 | ng     | 0.07     |
| 8) Nitrobenzene-d5            | 9.123  | 82   | 1537     | 0.176 | ng     | 0.02     |
| 11) 2-Methylnaphthalene-d10   | 12.302 | 152  | 3323     | 0.224 | ng     | 0.00     |
| 14) 2,4,6-Tribromophenol      | 16.053 | 330  | 457      | 0.147 | ng     | -0.01    |
| 15) 2-Fluorobiphenyl          | 13.165 | 172  | 4797     | 0.214 | ng     | 0.00     |
| 27) Fluoranthene-d10          | 19.319 | 212  | 9908     | 0.247 | ng     | 0.00     |
| 31) Terphenyl-d14             | 19.909 | 244  | 8850     | 0.271 | ng     | 0.00     |
|                               |        |      |          |       |        |          |
| Target Compounds              |        |      |          |       | Qvalue |          |
| 2) 1,4-Dioxane                | 3.292  | 88   | 377      | 0.101 | ng     | # 74     |
| 3) n-Nitrosodimethylamine     | 3.668  | 42   | 211      | 0.052 | ng     | # 92     |
| 6) bis(2-Chloroethyl)ether    | 7.337  | 93   | 1373     | 0.151 | ng     | # 65     |
| 9) Naphthalene                | 10.757 | 128  | 3065     | 0.120 | ng     | # 91     |
| 10) Hexachlorobutadiene       | 10.960 | 225  | 471      | 0.107 | ng     | # 98     |
| 12) 2-Methylnaphthalene       | 12.374 | 142  | 1919     | 0.106 | ng     | # 95     |
| 16) Acenaphthylene            | 14.266 | 152  | 3347     | 0.117 | ng     | 99       |
| 17) Acenaphthene              | 14.598 | 154  | 1982     | 0.110 | ng     | 95       |
| 18) Fluorene                  | 15.593 | 166  | 2800     | 0.118 | ng     | 99       |
| 20) 4,6-Dinitro-2-methylph... | 15.792 | 198  | 94       | 0.274 | ng     | # 1      |
| 21) 4-Bromophenyl-phenylether | 16.475 | 248  | 836      | 0.108 | ng     | # 93     |
| 22) Hexachlorobenzene         | 16.562 | 284  | 915      | 0.115 | ng     | 96       |
| 23) Atrazine                  | 16.748 | 200  | 878      | 0.121 | ng     | # 92     |
| 24) Pentachlorophenol         | 16.984 | 266  | 460      | 0.127 | ng     | 95       |
| 25) Phenanthrene              | 17.331 | 178  | 5150     | 0.125 | ng     | 99       |
| 26) Anthracene                | 17.430 | 178  | 4181     | 0.107 | ng     | 99       |
| 28) Fluoranthene              | 19.351 | 202  | 6571     | 0.127 | ng     | 98       |
| 30) Pyrene                    | 19.718 | 202  | 6960     | 0.132 | ng     | 99       |
| 32) Benzo(a)anthracene        | 21.471 | 228  | 6456     | 0.118 | ng     | 99       |
| 33) Chrysene                  | 21.524 | 228  | 6536     | 0.125 | ng     | 99       |
| 34) Bis(2-ethylhexyl)phtha... | 21.336 | 149  | 5878     | 0.141 | ng     | # 95     |
| 36) Indeno(1,2,3-cd)pyrene    | 26.507 | 276  | 5431     | 0.090 | ng     | 99       |
| 37) Benzo(b)fluoranthene      | 23.177 | 252  | 5998     | 0.128 | ng     | # 83     |
| 38) Benzo(k)fluoranthene      | 23.224 | 252  | 5753     | 0.121 | ng     | # 83     |
| 39) Benzo(a)pyrene            | 23.823 | 252  | 4916     | 0.106 | ng     | # 69     |
| 40) Dibenzo(a,h)anthracene    | 26.519 | 278  | 4557     | 0.093 | ng     | # 82     |
| 41) Benzo(g,h,i)perylene      | 27.308 | 276  | 4612     | 0.091 | ng     | 93       |
| -----                         |        |      |          |       |        |          |

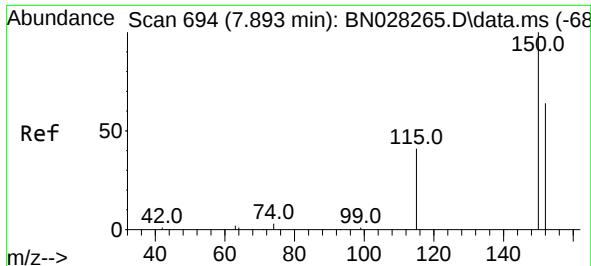
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN102323\  
Data File : BN028360.D  
Acq On : 24 Oct 2023 00:25  
Operator : MA/JU  
Sample : 04986-04  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
GWOW-BR-06-252-272-101923

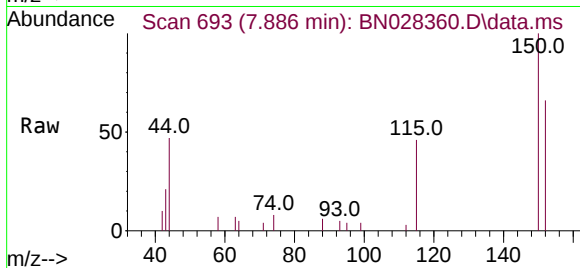
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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN101223.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Oct 23 15:14:08 2023  
Response via : Initial Calibration



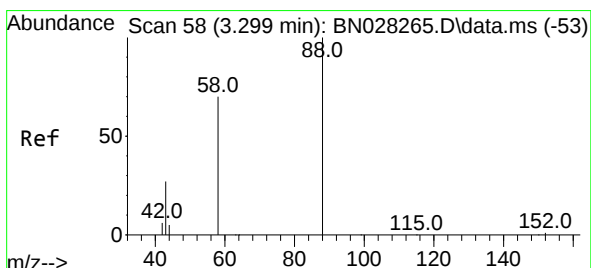
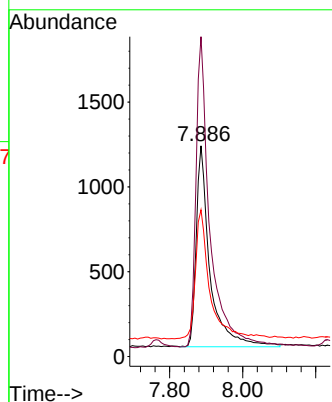
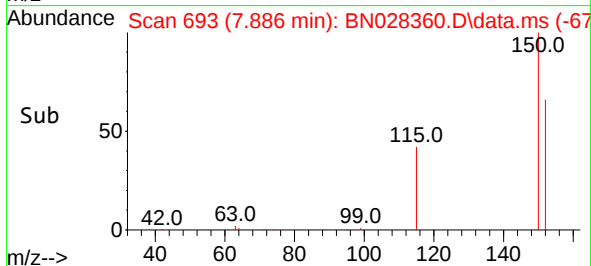


#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 7.886 min Scan# 694  
 Delta R.T. 0.008 min  
 Lab File: BN028360.D  
 Acq: 24 Oct 2023 00:25

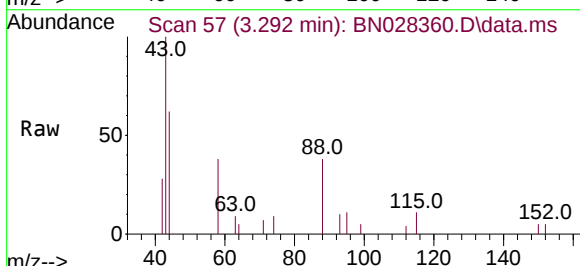
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 ClientSampleId :  
 GWOW-BR-06-252-272-101923



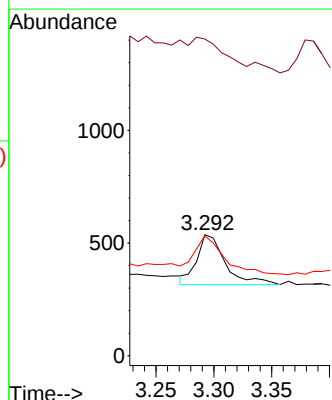
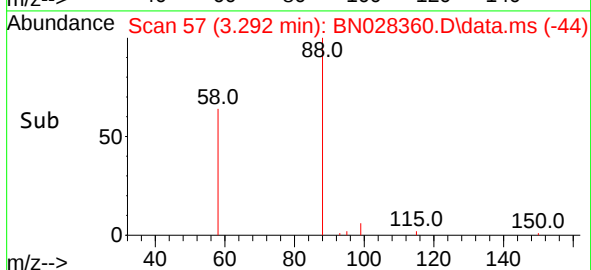
Tgt Ion:152 Resp: 3092  
 Ion Ratio Lower Upper  
 152 100  
 150 151.9 121.6 182.4  
 115 69.6 54.3 81.5

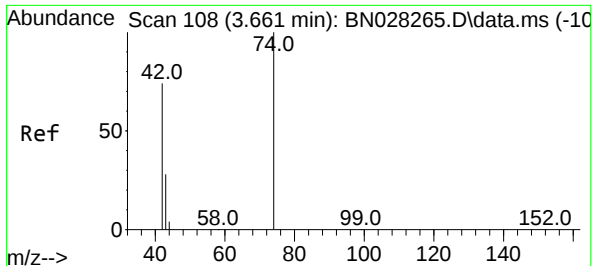


#2  
 1,4-Dioxane  
 Concen: 0.101 ng  
 RT: 3.292 min Scan# 57  
 Delta R.T. -0.007 min  
 Lab File: BN028360.D  
 Acq: 24 Oct 2023 00:25



Tgt Ion: 88 Resp: 377  
 Ion Ratio Lower Upper  
 88 100  
 43 0.0 26.6 39.8  
 58 77.7 55.4 83.0

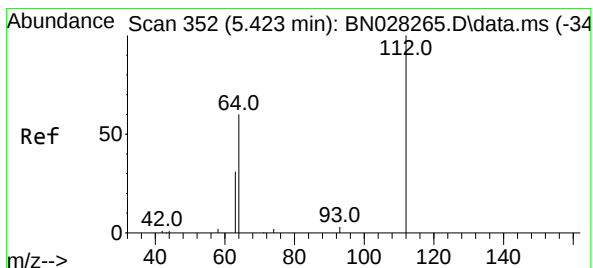
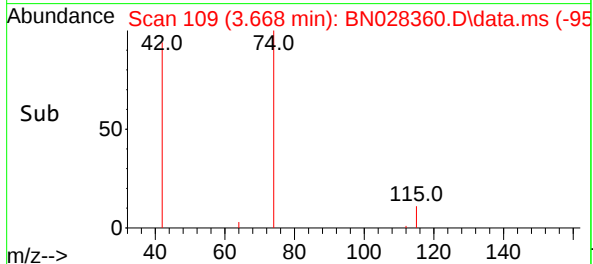
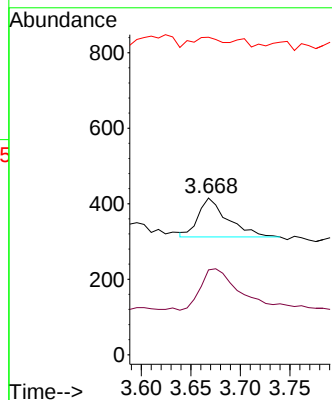
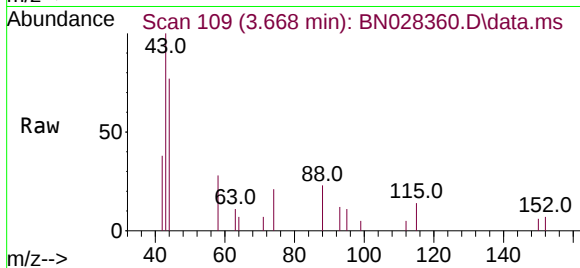




#3  
n-Nitrosodimethylamine  
Concen: 0.052 ng  
RT: 3.668 min Scan# 10  
Delta R.T. 0.000 min  
Lab File: BN028360.D  
Acq: 24 Oct 2023 00:25

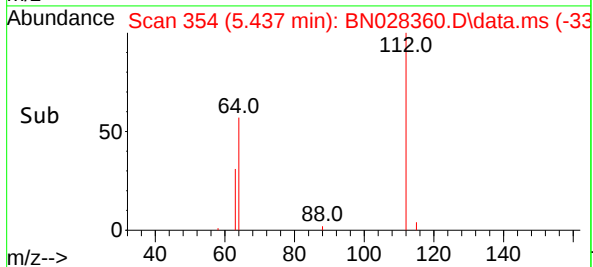
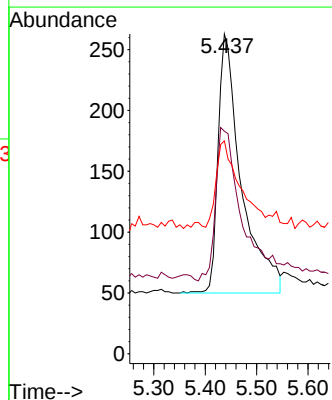
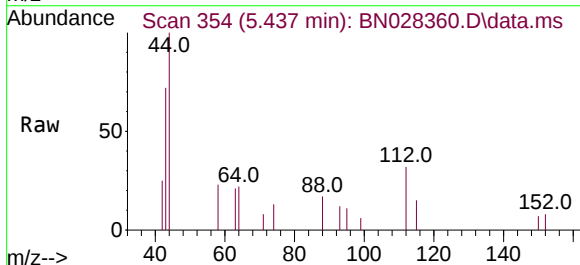
Instrument :  
BNA\_N  
ClientSampleId :  
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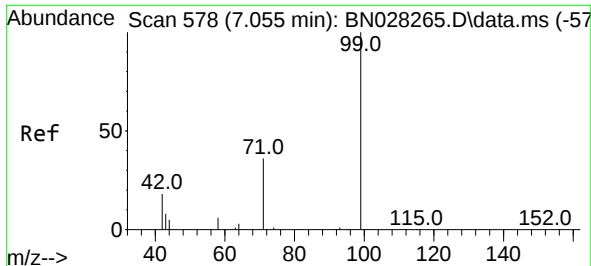
Tgt Ion: 42 Resp: 211  
Ion Ratio Lower Upper  
42 100  
74 133.6 112.6 168.8  
44 24.6 7.8 11.6#



#4  
2-Fluorophenol  
Concen: 0.069 ng  
RT: 5.437 min Scan# 354  
Delta R.T. 0.007 min  
Lab File: BN028360.D  
Acq: 24 Oct 2023 00:25

Tgt Ion: 112 Resp: 667  
Ion Ratio Lower Upper  
112 100  
64 67.5 46.9 70.3  
63 33.7 25.0 37.4

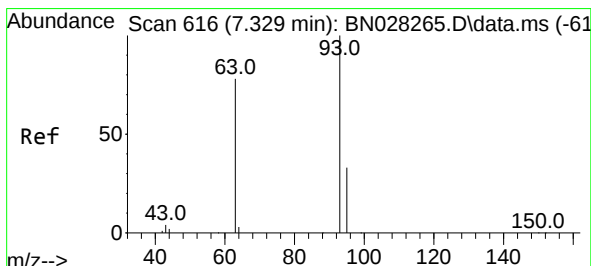
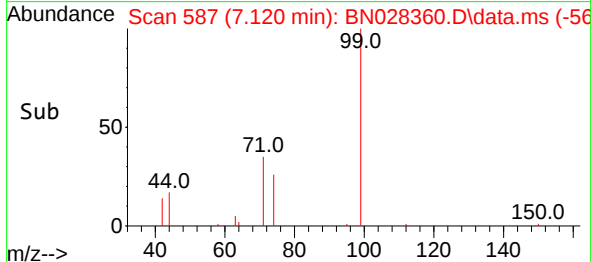
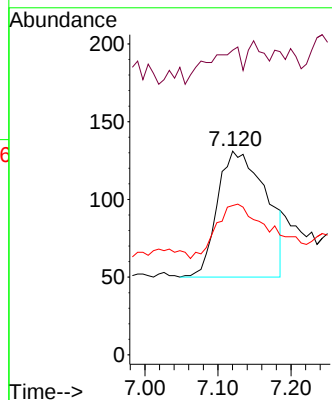
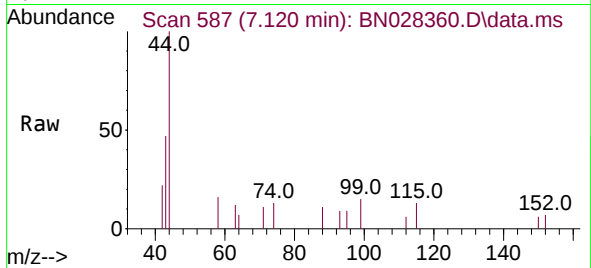




#5  
Phenol-d6  
Concen: 0.032 ng  
RT: 7.120 min Scan# 581  
Delta R.T. 0.065 min  
Lab File: BN028360.D  
Acq: 24 Oct 2023 00:25

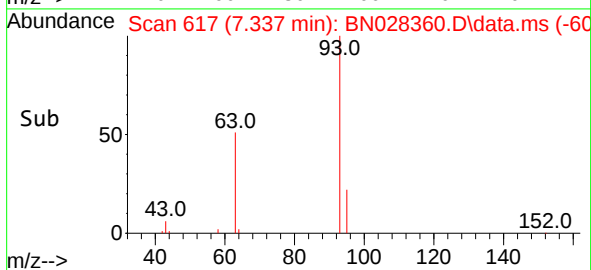
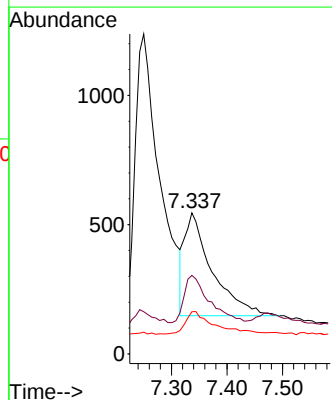
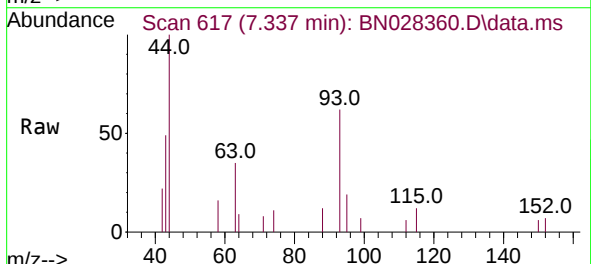
Instrument :  
BNA\_N  
ClientSampleId :  
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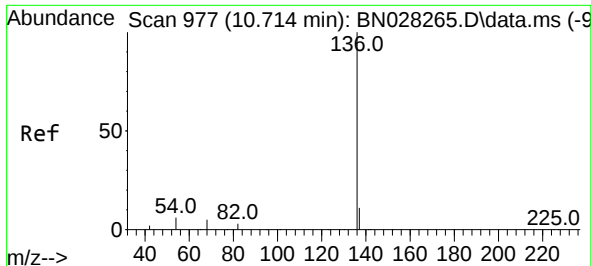
Tgt Ion: 99 Resp: 376  
Ion Ratio Lower Upper  
99 100  
42 19.9 15.9 23.9  
71 41.8 28.6 42.8



#6  
bis(2-Chloroethyl)ether  
Concen: 0.151 ng  
RT: 7.337 min Scan# 617  
Delta R.T. 0.015 min  
Lab File: BN028360.D  
Acq: 24 Oct 2023 00:25

Tgt Ion: 93 Resp: 1373  
Ion Ratio Lower Upper  
93 100  
63 41.6 62.6 93.8#  
95 22.5 27.2 40.8#

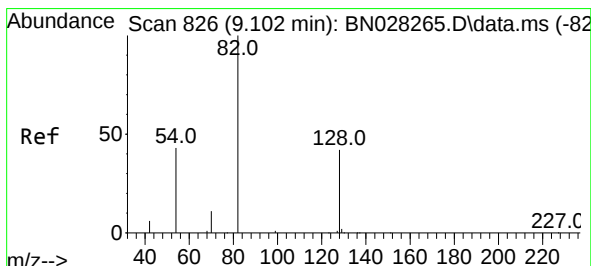
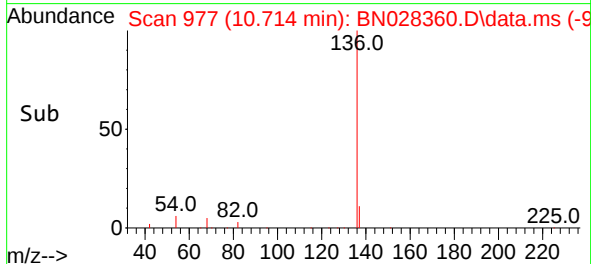
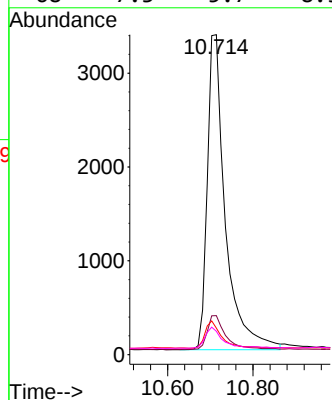
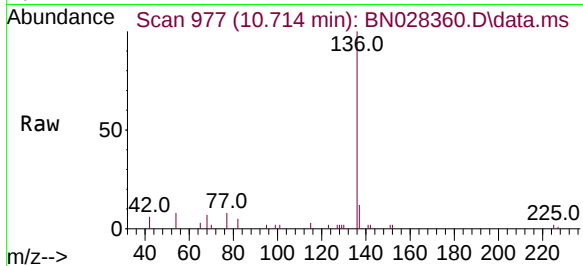




#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.714 min Scan# 91  
Delta R.T. 0.011 min  
Lab File: BN028360.D  
Acq: 24 Oct 2023 00:25

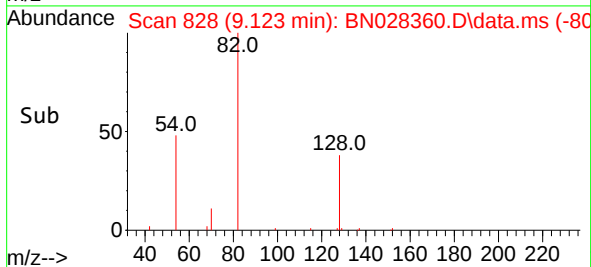
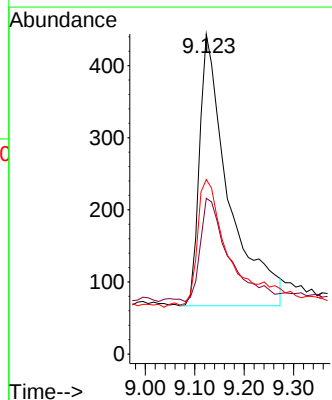
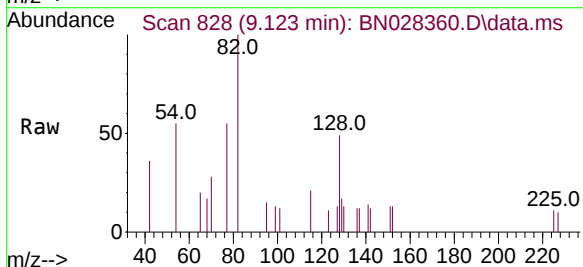
Instrument :  
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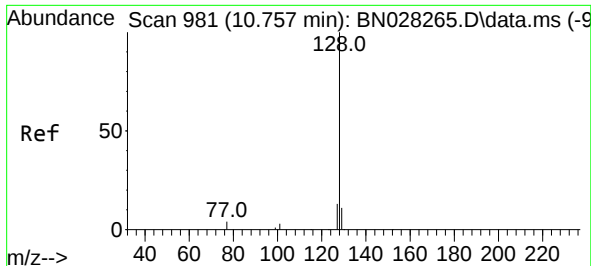
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|----------|-------|-------|-------|
| Tgt Ion: | 136   | Resp: | 9861  |
| Ion      | Ratio | Lower | Upper |
| 136      | 100   |       |       |
| 137      | 12.2  | 9.8   | 14.8  |
| 54       | 8.3   | 6.2   | 9.4   |
| 68       | 7.3   | 5.7   | 8.5   |



#8  
Nitrobenzene-d5  
Concen: 0.176 ng  
RT: 9.123 min Scan# 828  
Delta R.T. 0.022 min  
Lab File: BN028360.D  
Acq: 24 Oct 2023 00:25

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 82    | Resp: | 1537  |
| Ion      | Ratio | Lower | Upper |
| 82       | 100   |       |       |
| 128      | 48.6  | 36.8  | 55.2  |
| 54       | 54.5  | 37.4  | 56.2  |

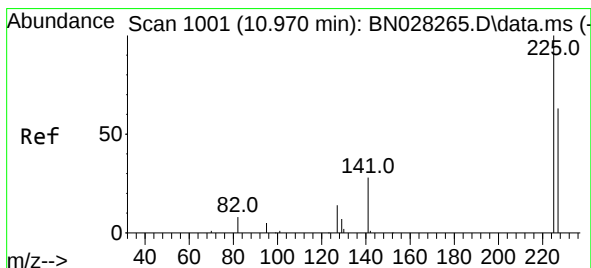
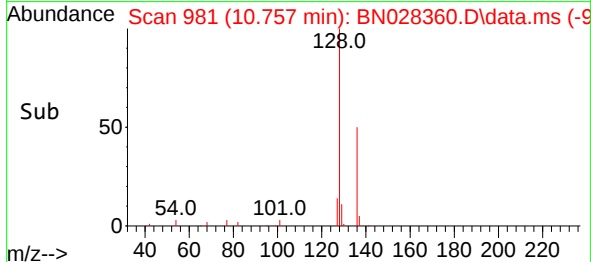
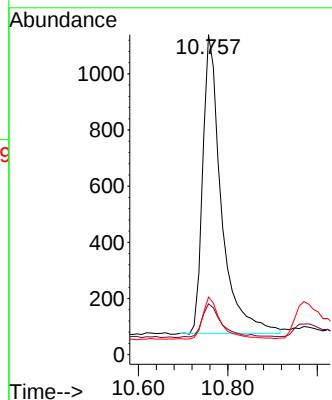
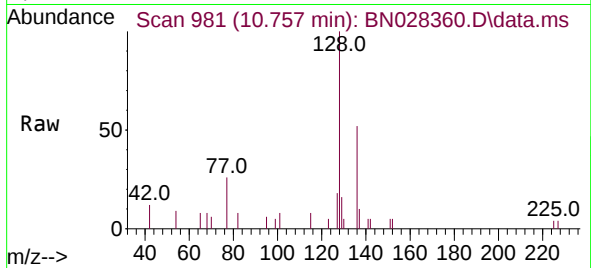




#9  
Naphthalene  
Concen: 0.120 ng  
RT: 10.757 min Scan# 981  
Delta R.T. 0.000 min  
Lab File: BN028360.D  
Acq: 24 Oct 2023 00:25

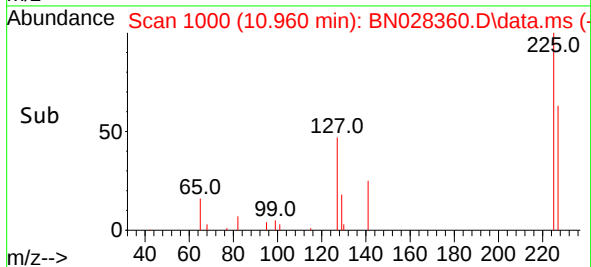
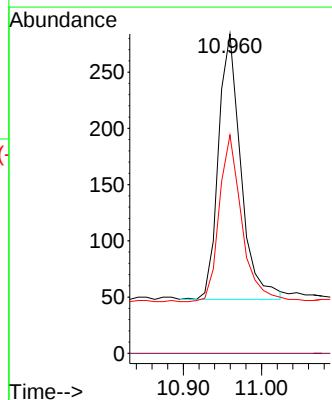
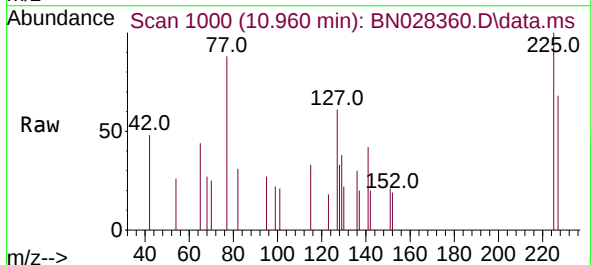
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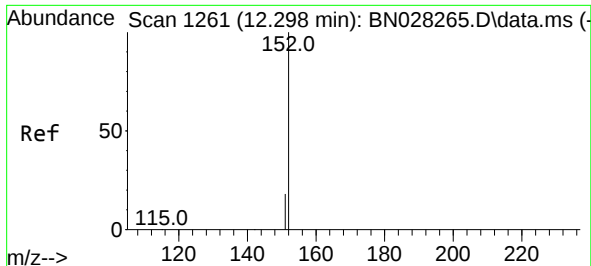
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Ion Ratio Lower Upper  
128 100  
129 15.9 9.8 14.6#  
127 18.0 11.4 17.0#



#10  
Hexachlorobutadiene  
Concen: 0.107 ng  
RT: 10.960 min Scan# 1000  
Delta R.T. 0.000 min  
Lab File: BN028360.D  
Acq: 24 Oct 2023 00:25

Tgt Ion:225 Resp: 471  
Ion Ratio Lower Upper  
225 100  
223 0.0 0.0 0.0  
227 62.8 51.6 77.4

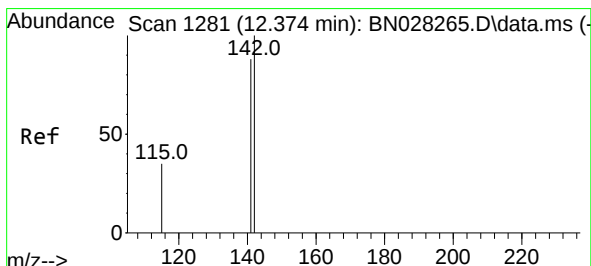
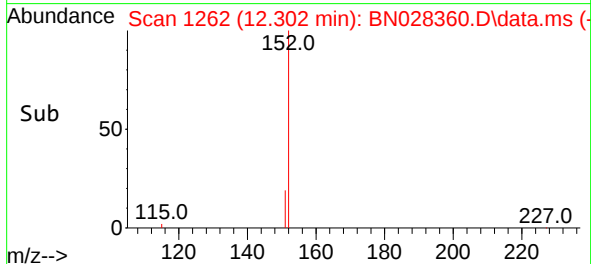
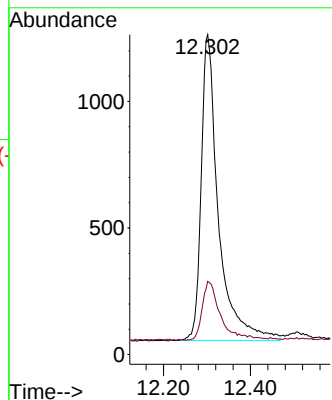
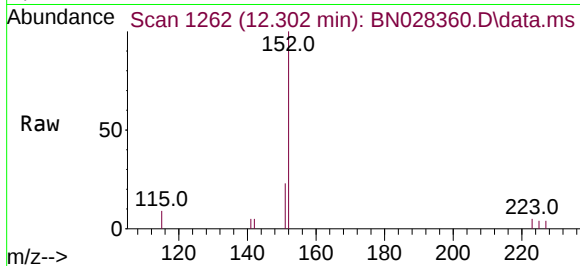




#11  
2-Methylnaphthalene-d10  
Concen: 0.224 ng  
RT: 12.302 min Scan# 1262  
Delta R.T. 0.008 min  
Lab File: BN028360.D  
Acq: 24 Oct 2023 00:25

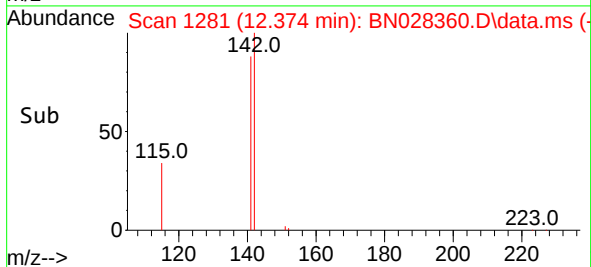
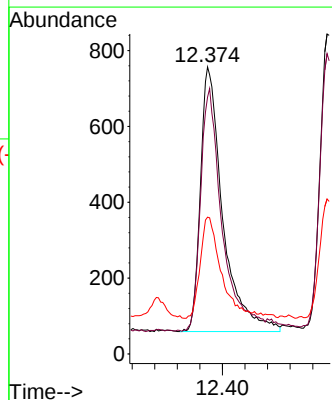
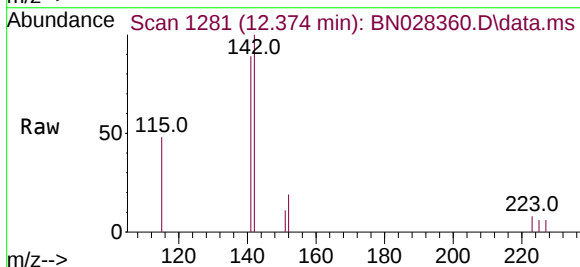
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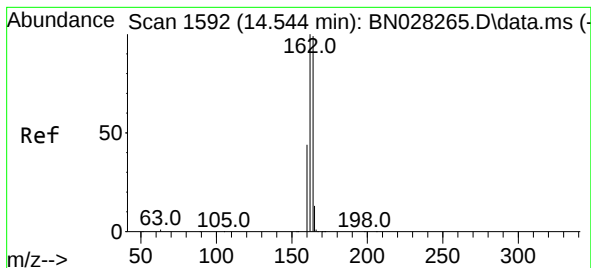
Tgt Ion:152 Resp: 3323  
Ion Ratio Lower Upper  
152 100  
151 19.6 16.1 24.1



#12  
2-Methylnaphthalene  
Concen: 0.106 ng  
RT: 12.374 min Scan# 1281  
Delta R.T. 0.004 min  
Lab File: BN028360.D  
Acq: 24 Oct 2023 00:25

Tgt Ion:142 Resp: 1919  
Ion Ratio Lower Upper  
142 100  
141 89.4 71.1 106.7  
115 47.7 29.9 44.9#





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.534 min Scan# 11

Delta R.T. 0.000 min

Lab File: BN028360.D

Acq: 24 Oct 2023 00:25

Instrument :

BNA\_N

ClientSampleId :

GWOW-BR-06-252-272-101923

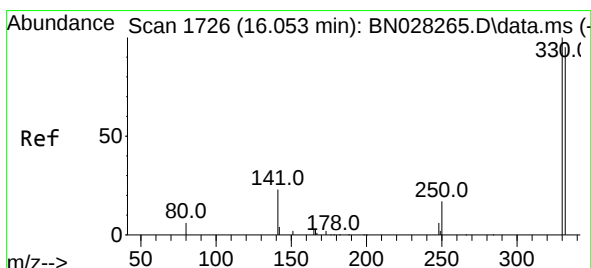
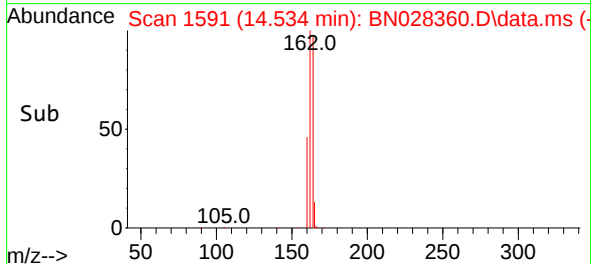
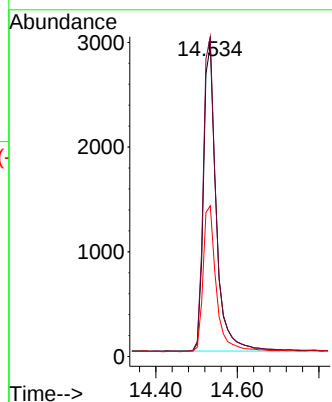
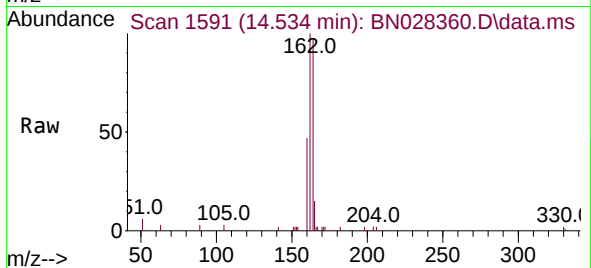
Tgt Ion:164 Resp: 6367

Ion Ratio Lower Upper

164 100

162 102.7 81.1 121.7

160 48.4 36.6 54.8



#14

2,4,6-Tribromophenol

Concen: 0.147 ng

RT: 16.053 min Scan# 1726

Delta R.T. -0.012 min

Lab File: BN028360.D

Acq: 24 Oct 2023 00:25

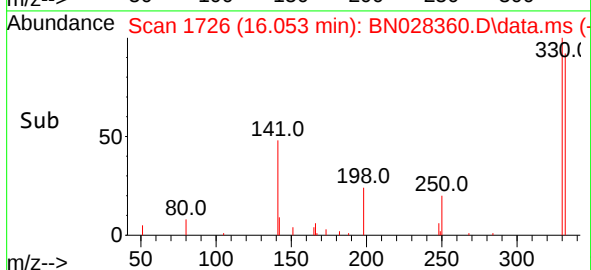
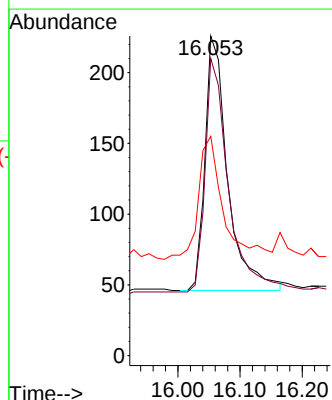
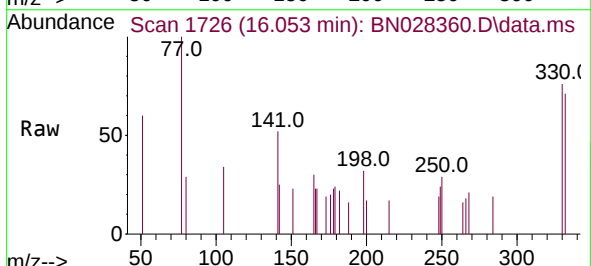
Tgt Ion:330 Resp: 457

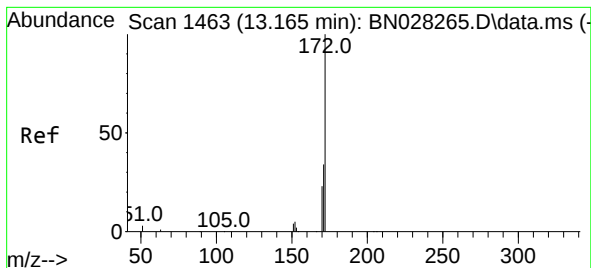
Ion Ratio Lower Upper

330 100

332 94.1 74.1 111.1

141 46.4 32.1 48.1





#15

2-Fluorobiphenyl

Concen: 0.214 ng

RT: 13.165 min Scan# 1463

Delta R.T. 0.000 min

Lab File: BN028360.D

Acq: 24 Oct 2023 00:25

Instrument :

BNA\_N

ClientSampleId :

GWOW-BR-06-252-272-101923

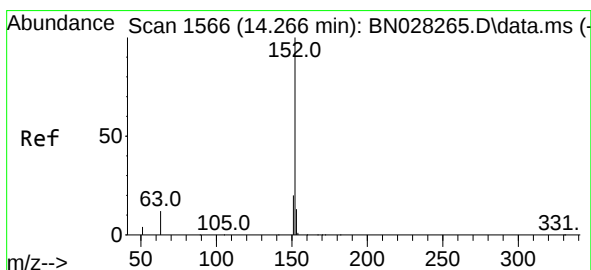
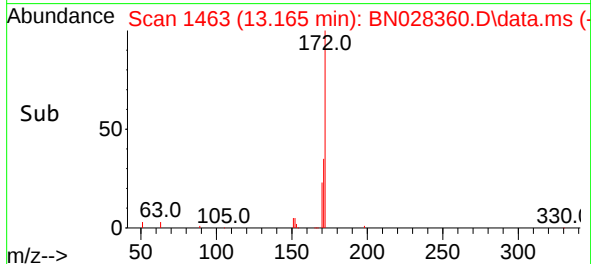
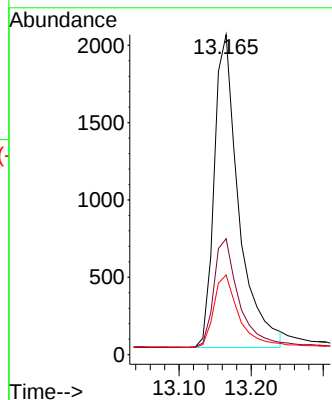
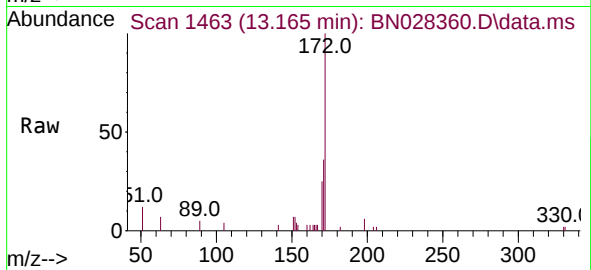
Tgt Ion:172 Resp: 4797

Ion Ratio Lower Upper

172 100

171 36.2 28.3 42.5

170 24.9 18.7 28.1



#16

Acenaphthylene

Concen: 0.117 ng

RT: 14.266 min Scan# 1566

Delta R.T. 0.011 min

Lab File: BN028360.D

Acq: 24 Oct 2023 00:25

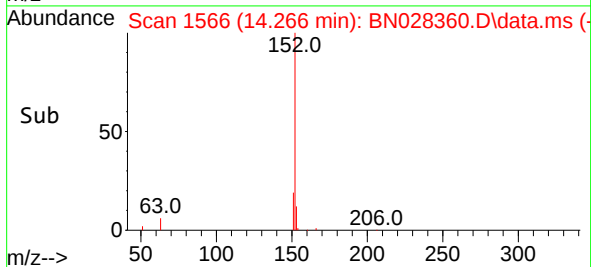
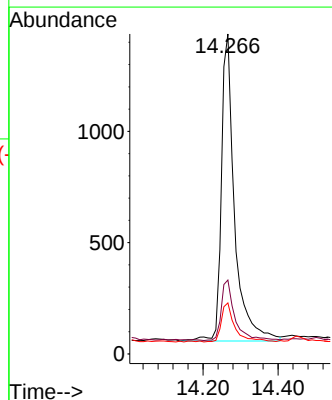
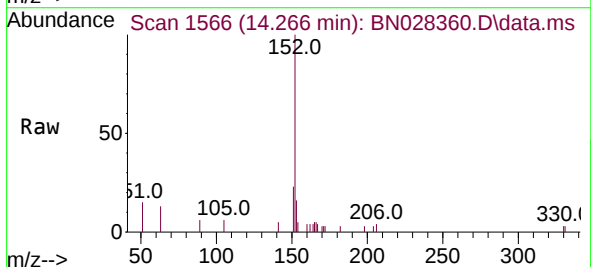
Tgt Ion:152 Resp: 3347

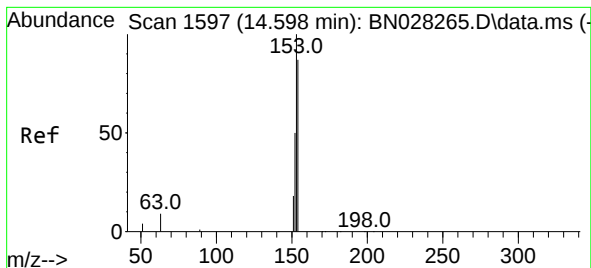
Ion Ratio Lower Upper

152 100

151 20.2 15.6 23.4

153 13.1 10.6 16.0





#17

Acenaphthene

Concen: 0.110 ng

RT: 14.598 min Scan# 11

Delta R.T. 0.000 min

Lab File: BN028360.D

Acq: 24 Oct 2023 00:25

Instrument :

BNA\_N

ClientSampleId :

GWOW-BR-06-252-272-101923

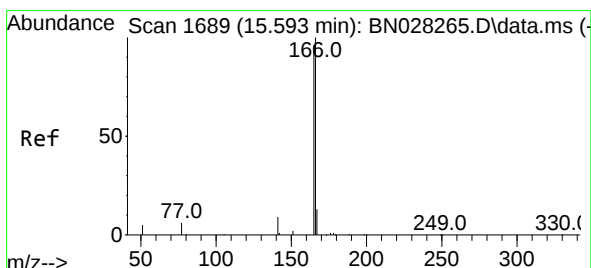
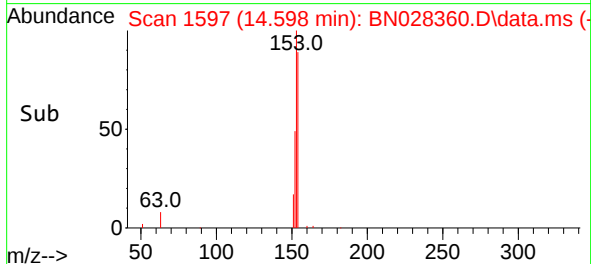
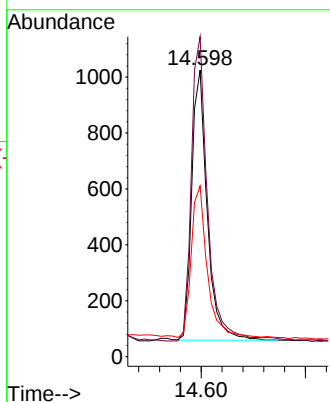
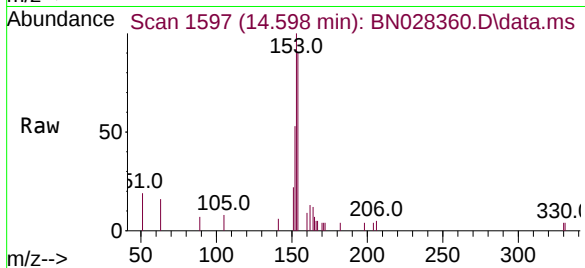
Tgt Ion:154 Resp: 1982

Ion Ratio Lower Upper

154 100

153 119.2 90.7 136.1

152 58.4 43.6 65.4



#18

Fluorene

Concen: 0.118 ng

RT: 15.593 min Scan# 1689

Delta R.T. 0.013 min

Lab File: BN028360.D

Acq: 24 Oct 2023 00:25

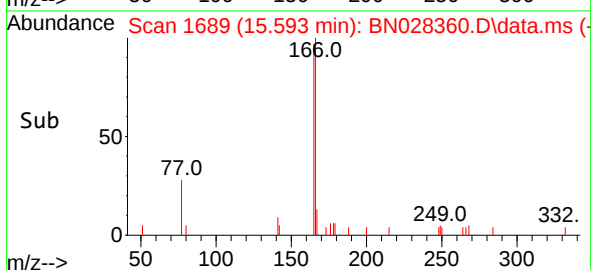
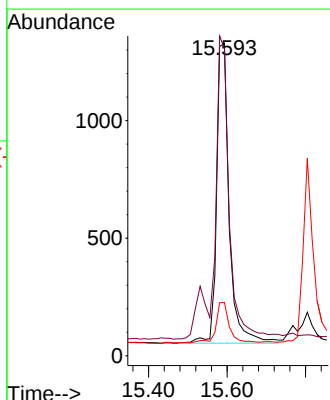
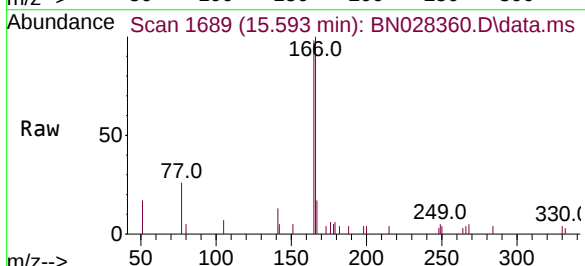
Tgt Ion:166 Resp: 2800

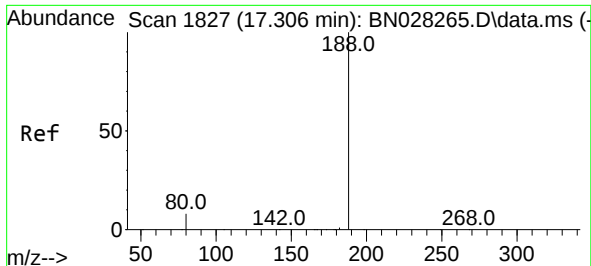
Ion Ratio Lower Upper

166 100

165 98.5 79.3 118.9

167 14.5 10.9 16.3

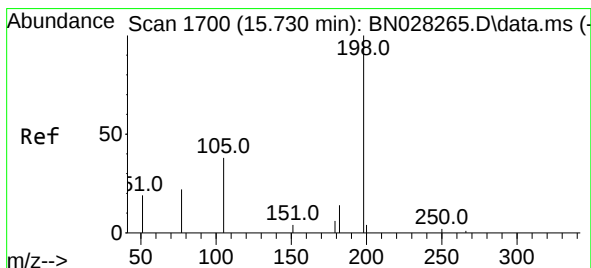
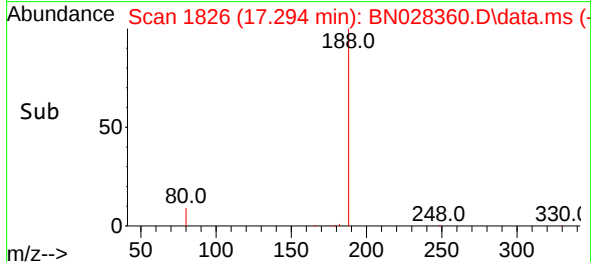
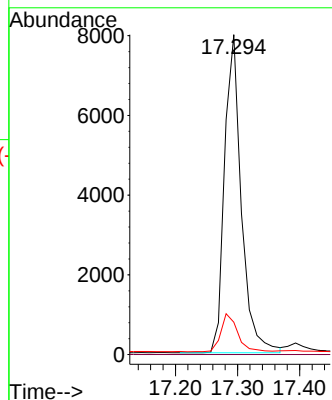
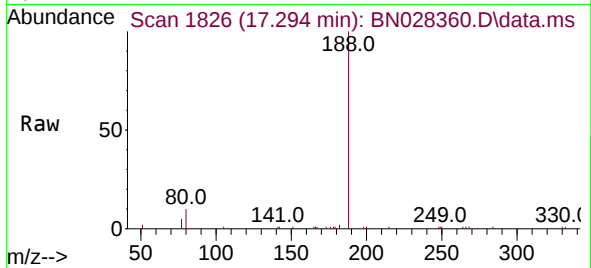




#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.294 min Scan# 1827  
Delta R.T. 0.000 min  
Lab File: BN028360.D  
Acq: 24 Oct 2023 00:25

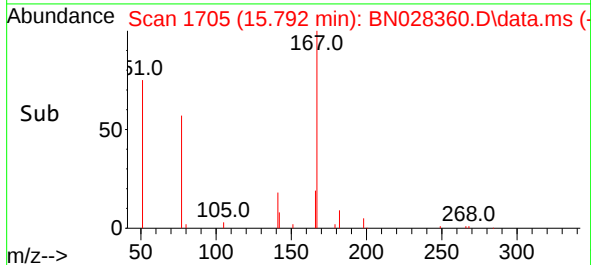
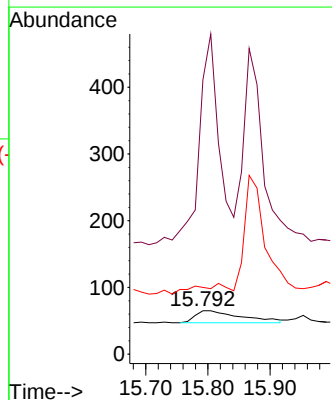
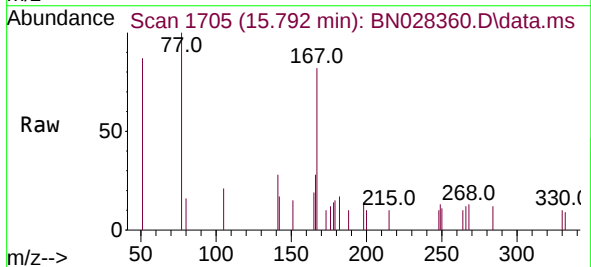
Instrument :  
BNA\_N  
ClientSampleId :  
GWOW-BR-06-252-272-101923

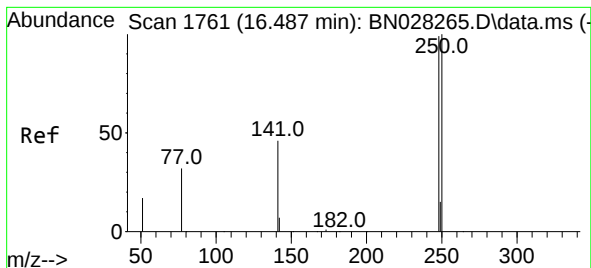
Tgt Ion:188 Resp: 14997  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 10.1 7.1 10.7



#20  
4,6-Dinitro-2-methylphenol  
Concen: 0.274 ng  
RT: 15.792 min Scan# 1705  
Delta R.T. -0.012 min  
Lab File: BN028360.D  
Acq: 24 Oct 2023 00:25

Tgt Ion:198 Resp: 94  
Ion Ratio Lower Upper  
198 100  
51 632.3 96.1 144.1#  
105 153.8 75.4 113.0#

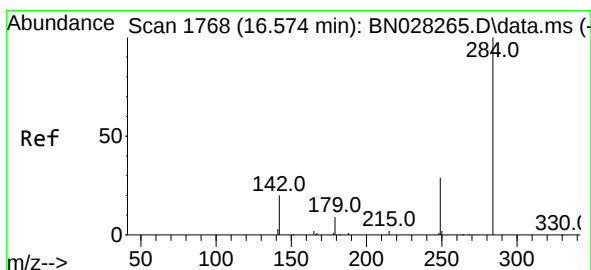
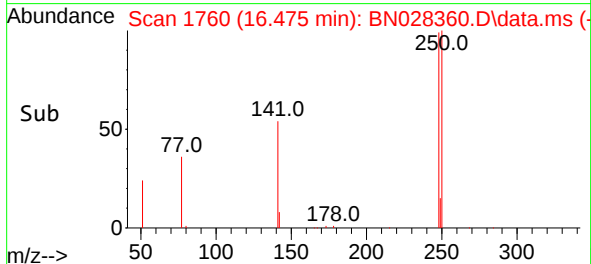
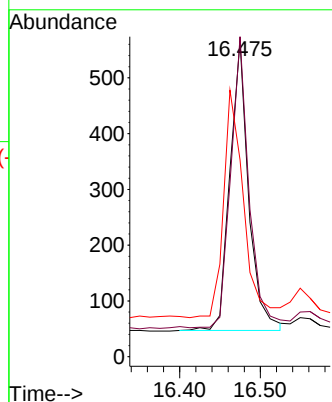
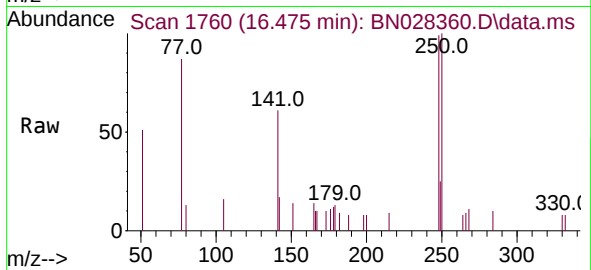




#21  
4-Bromophenyl-phenylether  
Concen: 0.108 ng  
RT: 16.475 min Scan# 1760  
Delta R.T. 0.000 min  
Lab File: BN028360.D  
Acq: 24 Oct 2023 00:25

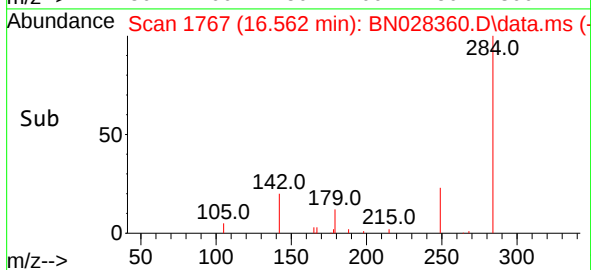
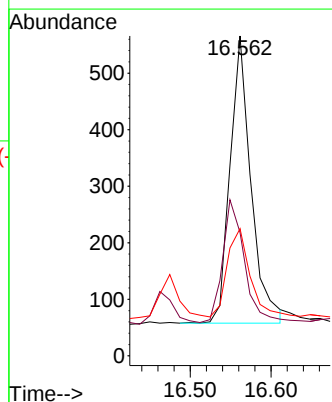
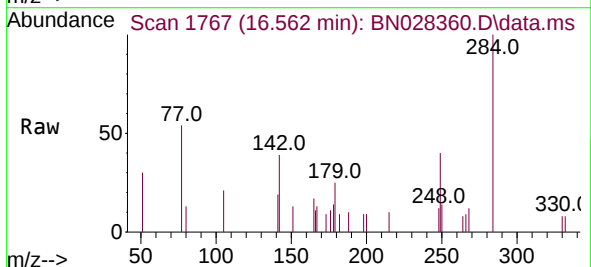
Instrument :  
BNA\_N  
ClientSampleId :  
GWOW-BR-06-252-272-101923

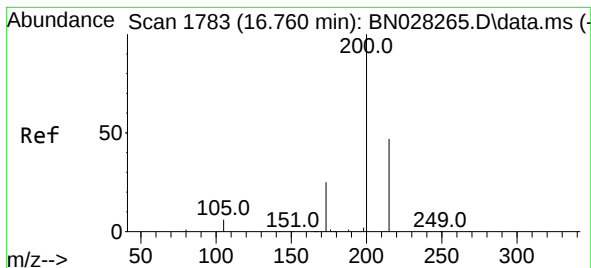
Tgt Ion:248 Resp: 836  
Ion Ratio Lower Upper  
248 100  
250 101.4 80.5 120.7  
141 62.4 38.9 58.3#



#22  
Hexachlorobenzene  
Concen: 0.115 ng  
RT: 16.562 min Scan# 1767  
Delta R.T. 0.000 min  
Lab File: BN028360.D  
Acq: 24 Oct 2023 00:25

Tgt Ion:284 Resp: 915  
Ion Ratio Lower Upper  
284 100  
142 43.8 32.1 48.1  
249 33.3 25.5 38.3





#23

Atrazine

Concen: 0.121 ng

RT: 16.748 min Scan# 11

Delta R.T. -0.012 min

Lab File: BN028360.D

Acq: 24 Oct 2023 00:25

Instrument :

BNA\_N

ClientSampleId :

GWOW-BR-06-252-272-101923

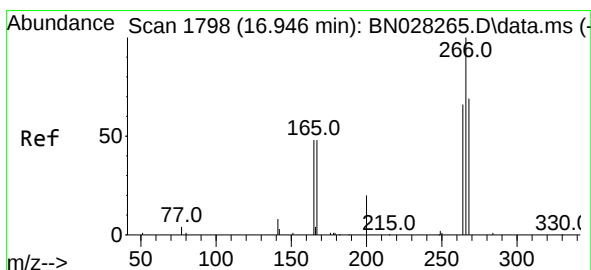
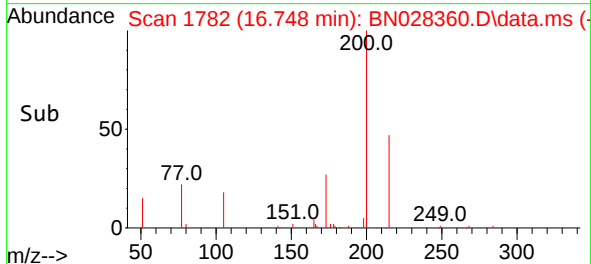
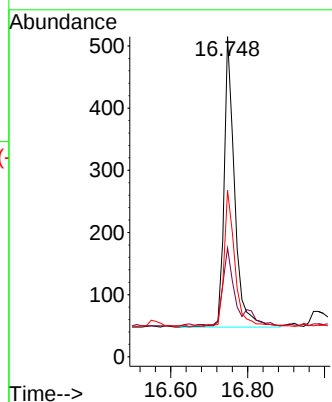
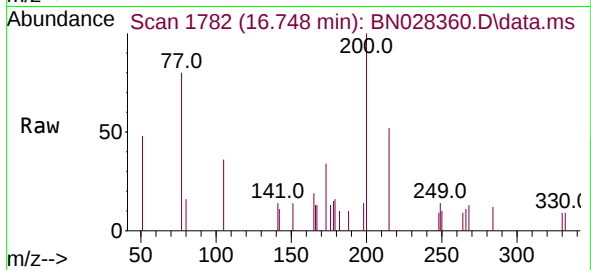
Tgt Ion:200 Resp: 878

Ion Ratio Lower Upper

200 100

173 34.0 21.6 32.4#

215 52.0 39.0 58.6



#24

Pentachlorophenol

Concen: 0.127 ng

RT: 16.984 min Scan# 1801

Delta R.T. -0.050 min

Lab File: BN028360.D

Acq: 24 Oct 2023 00:25

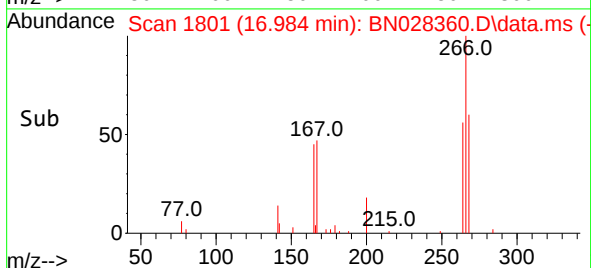
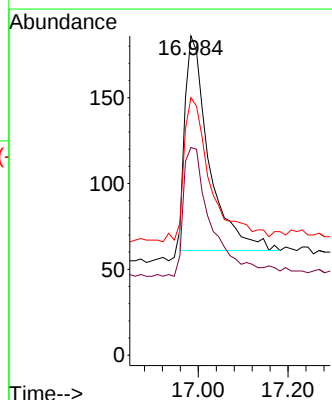
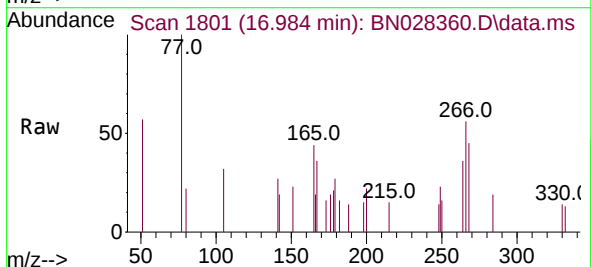
Tgt Ion:266 Resp: 460

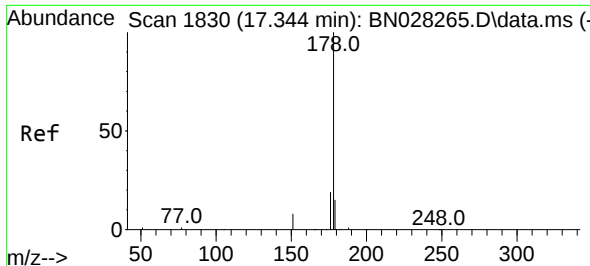
Ion Ratio Lower Upper

266 100

264 61.5 51.5 77.3

268 66.3 56.6 84.8

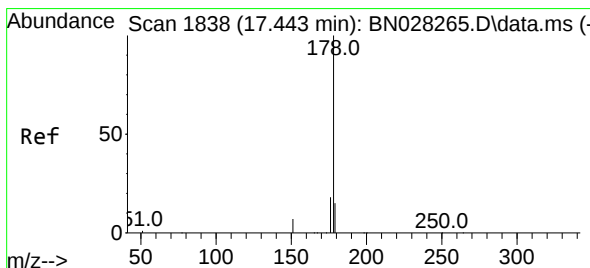
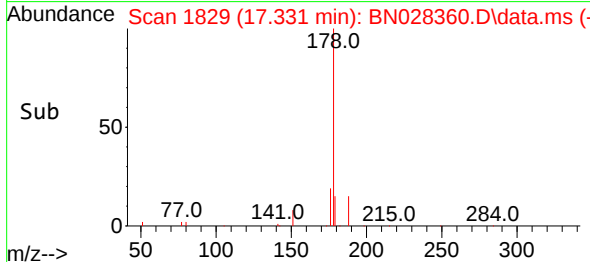
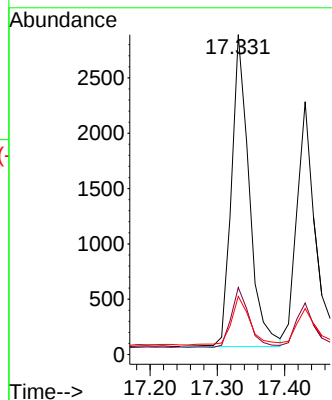
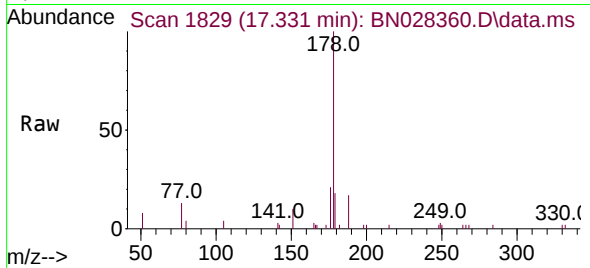




#25  
Phenanthrene  
Concen: 0.125 ng  
RT: 17.331 min Scan# 1829  
Delta R.T. 0.000 min  
Lab File: BN028360.D  
Acq: 24 Oct 2023 00:25

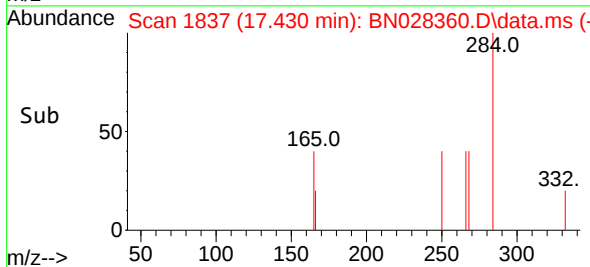
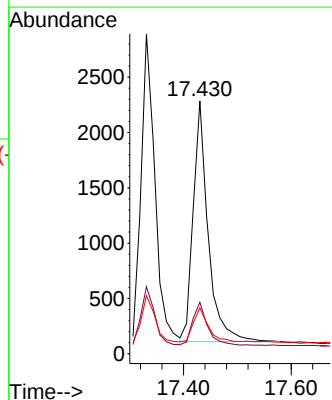
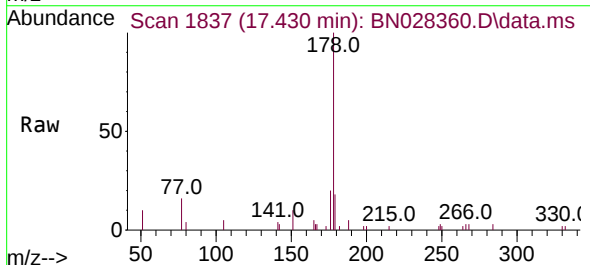
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BNA\_N  
ClientSampleId :  
GWOW-BR-06-252-272-101923

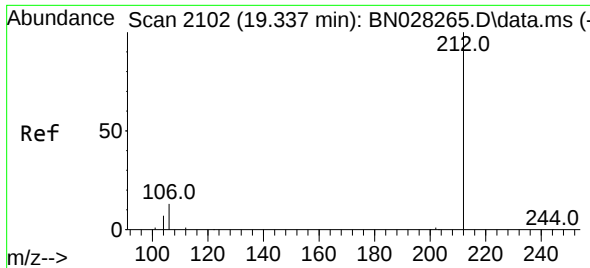
Tgt Ion:178 Resp: 5150  
Ion Ratio Lower Upper  
178 100  
176 19.5 15.3 22.9  
179 16.3 12.5 18.7



#26  
Anthracene  
Concen: 0.107 ng  
RT: 17.430 min Scan# 1837  
Delta R.T. 0.000 min  
Lab File: BN028360.D  
Acq: 24 Oct 2023 00:25

Tgt Ion:178 Resp: 4181  
Ion Ratio Lower Upper  
178 100  
176 17.8 14.6 22.0  
179 15.3 12.2 18.4

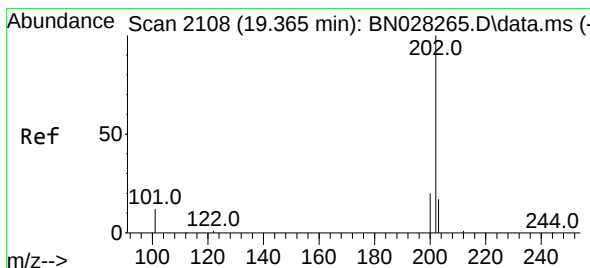
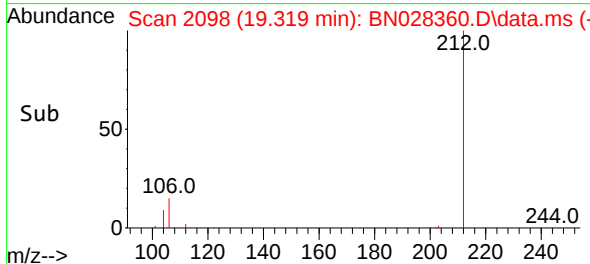
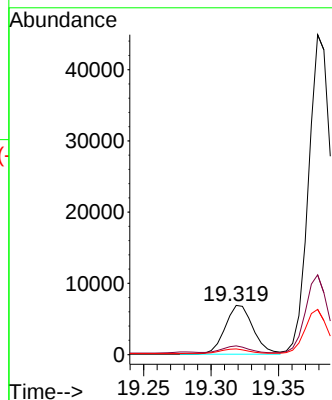
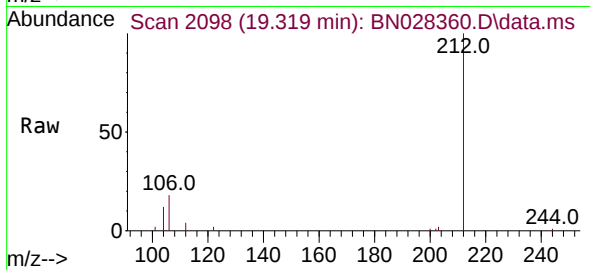




#27  
Fluoranthene-d10  
Concen: 0.247 ng  
RT: 19.319 min Scan# 2105  
Delta R.T. -0.009 min  
Lab File: BN028360.D  
Acq: 24 Oct 2023 00:25

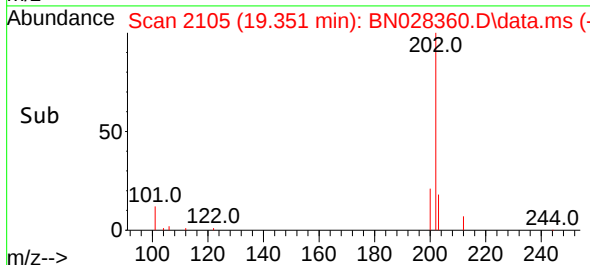
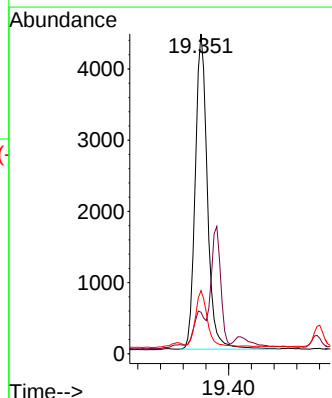
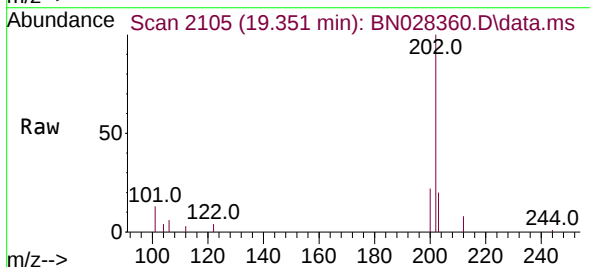
Instrument :  
BNA\_N  
ClientSampleId :  
GWOW-BR-06-252-272-101923

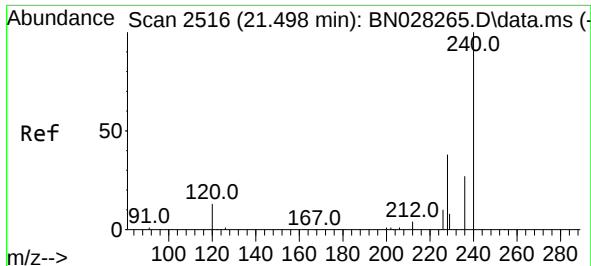
Tgt Ion:212 Resp: 9908  
Ion Ratio Lower Upper  
212 100  
106 12.8 11.5 17.3  
104 9.5 6.7 10.1



#28  
Fluoranthene  
Concen: 0.127 ng  
RT: 19.351 min Scan# 2105  
Delta R.T. -0.005 min  
Lab File: BN028360.D  
Acq: 24 Oct 2023 00:25

Tgt Ion:202 Resp: 6571  
Ion Ratio Lower Upper  
202 100  
101 11.4 10.1 15.1  
203 17.3 13.9 20.9

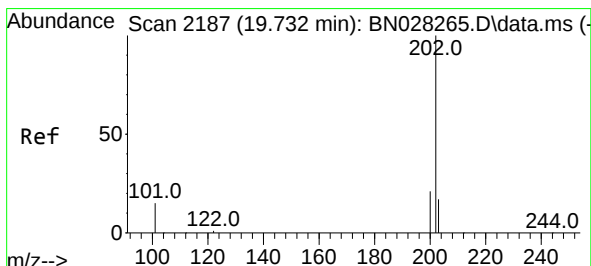
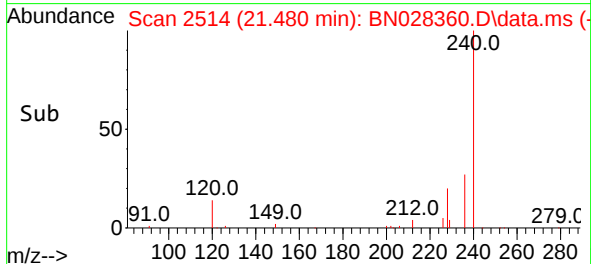
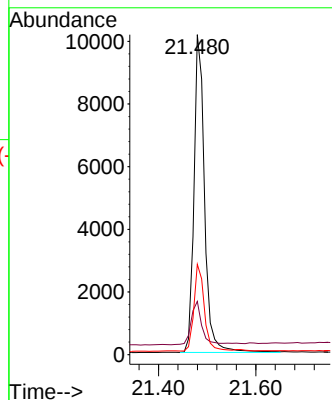
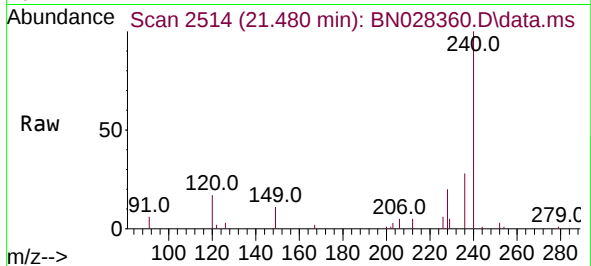




#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.480 min Scan# 211  
Delta R.T. -0.009 min  
Lab File: BN028360.D  
Acq: 24 Oct 2023 00:25

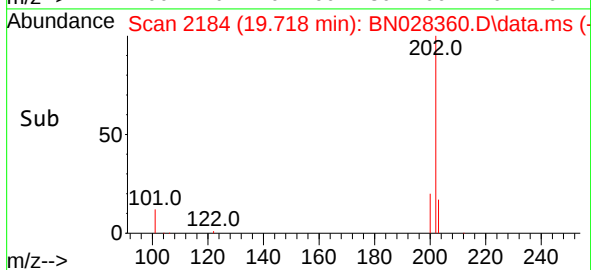
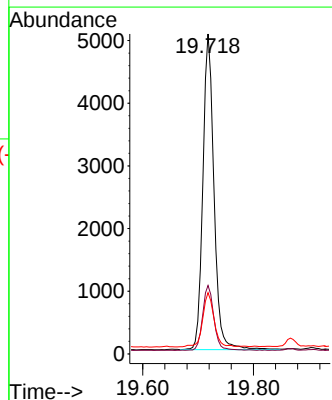
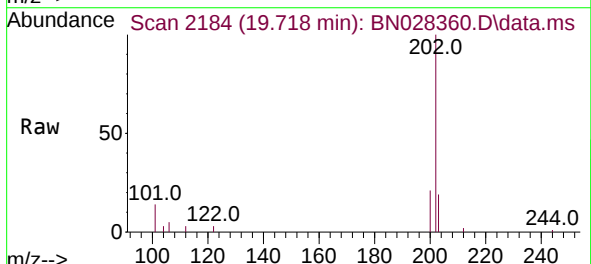
Instrument :  
BNA\_N  
ClientSampleId :  
GWOW-BR-06-252-272-101923

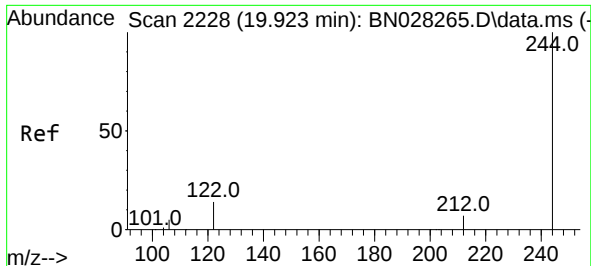
Tgt Ion:240 Resp: 15368  
Ion Ratio Lower Upper  
240 100  
120 16.6 13.4 20.0  
236 28.2 22.7 34.1



#30  
Pyrene  
Concen: 0.132 ng  
RT: 19.718 min Scan# 2184  
Delta R.T. -0.009 min  
Lab File: BN028360.D  
Acq: 24 Oct 2023 00:25

Tgt Ion:202 Resp: 6960  
Ion Ratio Lower Upper  
202 100  
200 20.7 16.7 25.1  
203 17.5 14.5 21.7

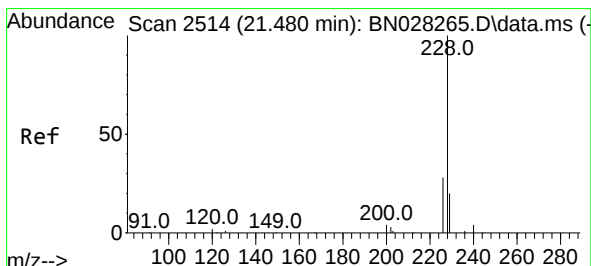
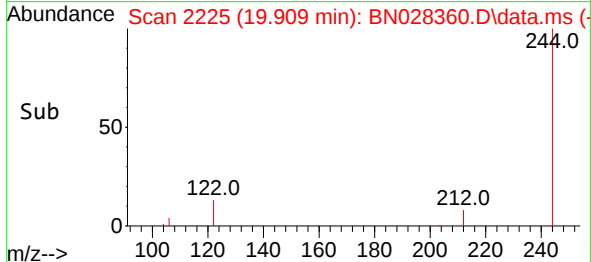
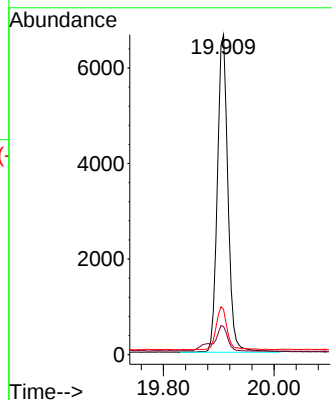
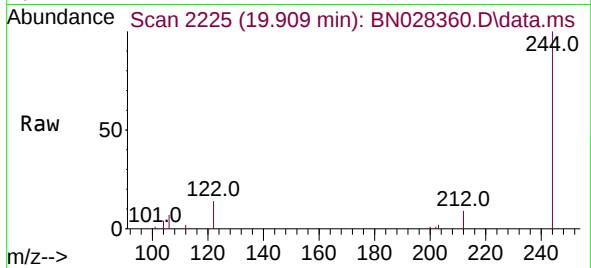




#31  
 Terphenyl-d14  
 Concen: 0.271 ng  
 RT: 19.909 min Scan# 21  
 Delta R.T. -0.009 min  
 Lab File: BN028360.D  
 Acq: 24 Oct 2023 00:25

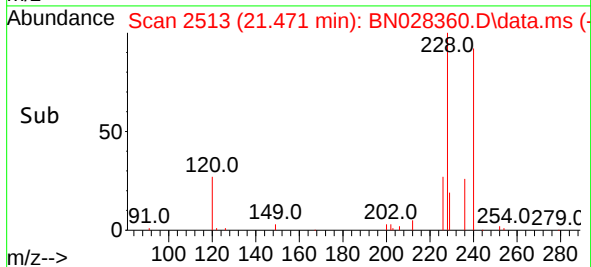
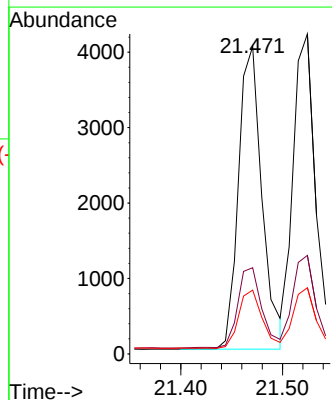
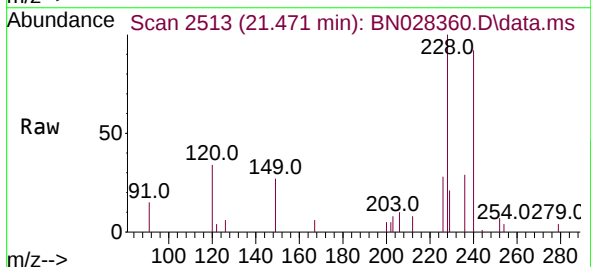
Instrument :  
 BNA\_N  
 ClientSampleId :  
 GWOW-BR-06-252-272-101923

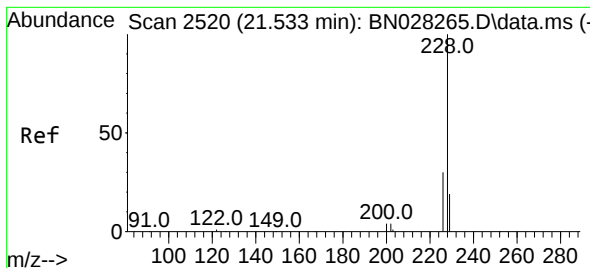
Tgt Ion:244 Resp: 8850  
 Ion Ratio Lower Upper  
 244 100  
 212 8.8 6.6 10.0  
 122 14.1 11.7 17.5



#32  
 Benzo(a)anthracene  
 Concen: 0.118 ng  
 RT: 21.471 min Scan# 2513  
 Delta R.T. 0.000 min  
 Lab File: BN028360.D  
 Acq: 24 Oct 2023 00:25

Tgt Ion:228 Resp: 6456  
 Ion Ratio Lower Upper  
 228 100  
 226 28.0 22.9 34.3  
 229 20.7 16.6 24.8





#33

Chrysene

Concen: 0.125 ng

RT: 21.524 min Scan# 21

Delta R.T. 0.000 min

Lab File: BN028360.D

Acq: 24 Oct 2023 00:25

Instrument :

BNA\_N

ClientSampleId :

GWOW-BR-06-252-272-101923

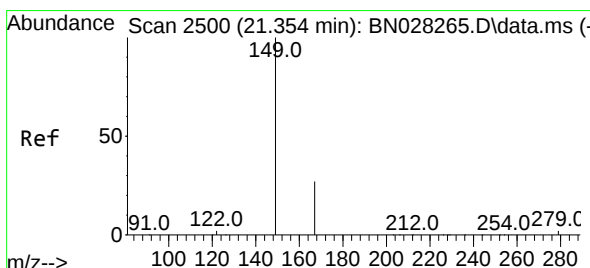
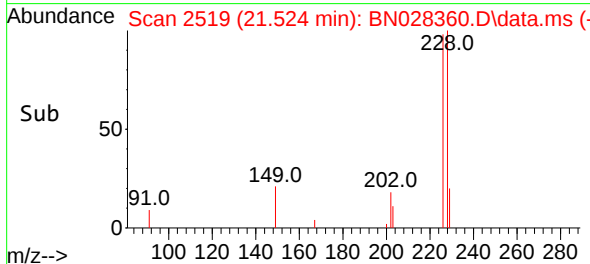
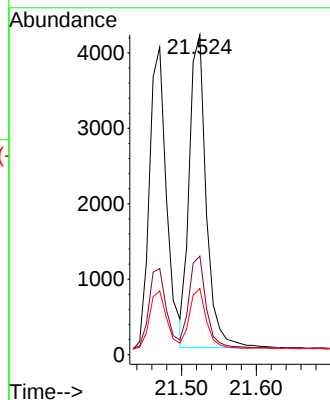
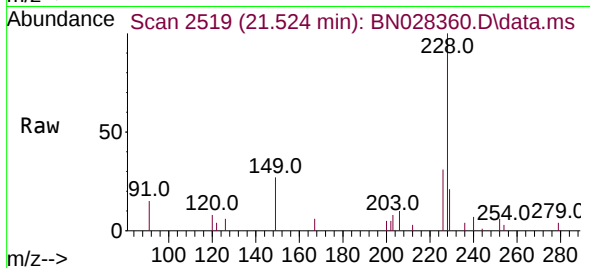
Tgt Ion:228 Resp: 6536

Ion Ratio Lower Upper

228 100

226 30.8 25.2 37.8

229 20.7 16.6 25.0



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.141 ng

RT: 21.336 min Scan# 2498

Delta R.T. -0.009 min

Lab File: BN028360.D

Acq: 24 Oct 2023 00:25

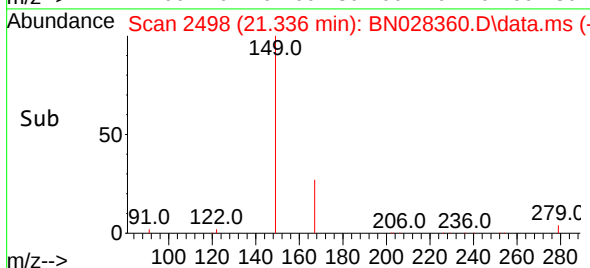
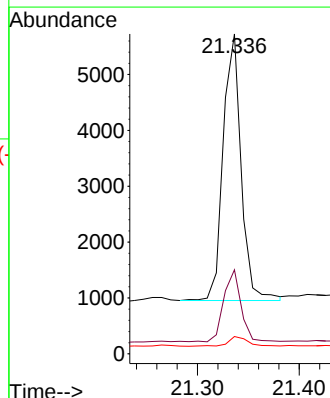
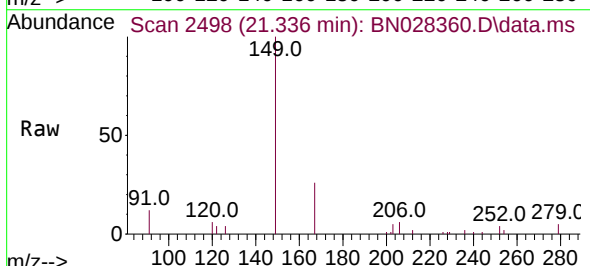
Tgt Ion:149 Resp: 5878

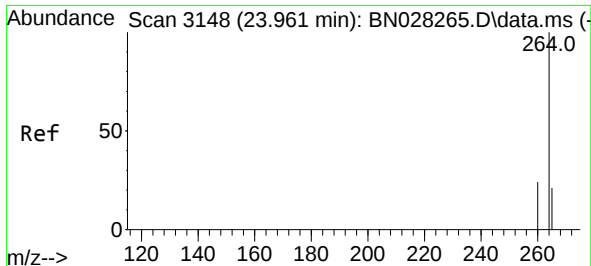
Ion Ratio Lower Upper

149 100

167 25.7 22.6 34.0

279 4.0 4.2 6.2#

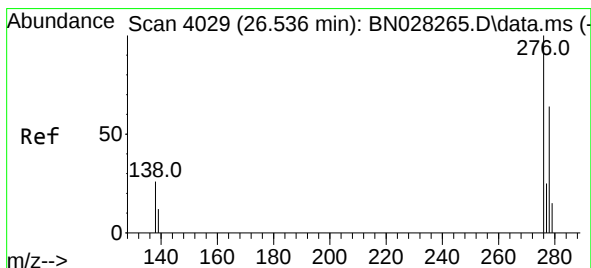
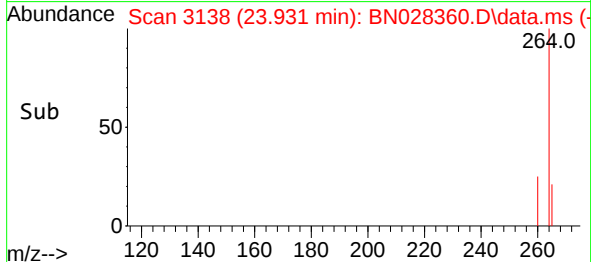
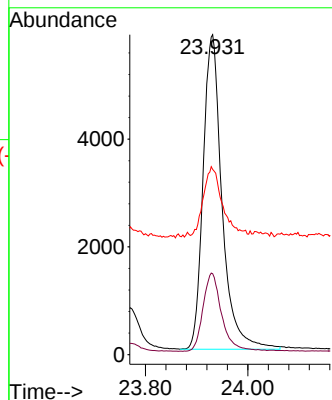
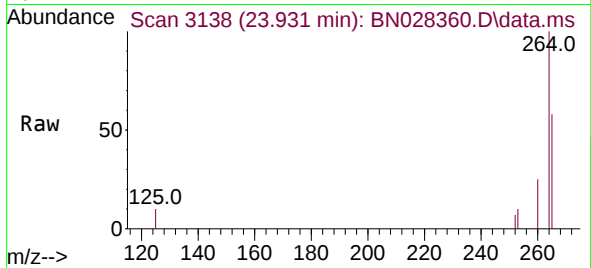




#35  
Perylene-d12  
Concen: 0.400 ng  
RT: 23.931 min Scan# 31  
Delta R.T. -0.006 min  
Lab File: BN028360.D  
Acq: 24 Oct 2023 00:25

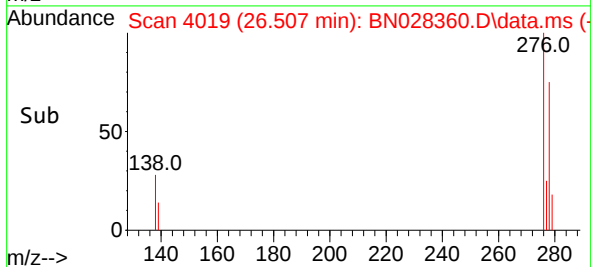
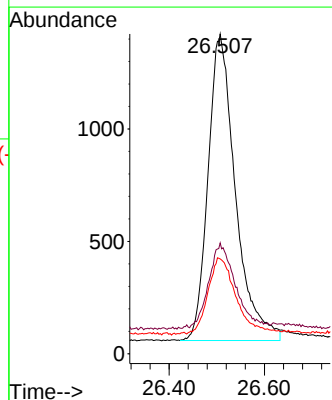
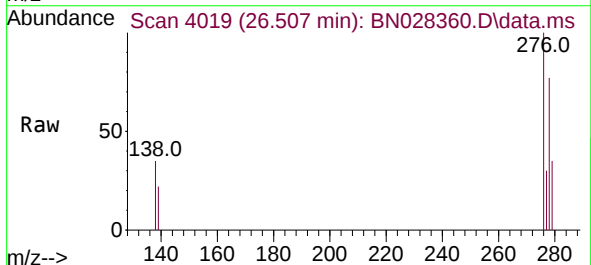
Instrument :  
BNA\_N  
ClientSampleId :  
GWOW-BR-06-252-272-101923

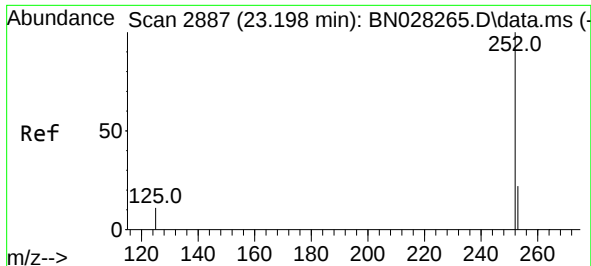
Tgt Ion:264 Resp: 14972  
Ion Ratio Lower Upper  
264 100  
260 25.3 20.7 31.1  
265 57.9 38.3 57.5#



#36  
Indeno(1,2,3-cd)pyrene  
Concen: 0.090 ng  
RT: 26.507 min Scan# 4019  
Delta R.T. 0.003 min  
Lab File: BN028360.D  
Acq: 24 Oct 2023 00:25

Tgt Ion:276 Resp: 5431  
Ion Ratio Lower Upper  
276 100  
138 26.6 21.3 31.9  
277 25.6 20.0 30.0





#37

Benzo(b)fluoranthene

Concen: 0.128 ng

RT: 23.177 min Scan# 2880

Delta R.T. 0.000 min

Lab File: BN028360.D

Acq: 24 Oct 2023 00:25

Instrument :

BNA\_N

ClientSampleId :

GWOW-BR-06-252-272-101923

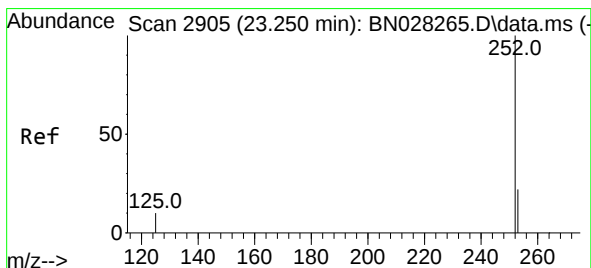
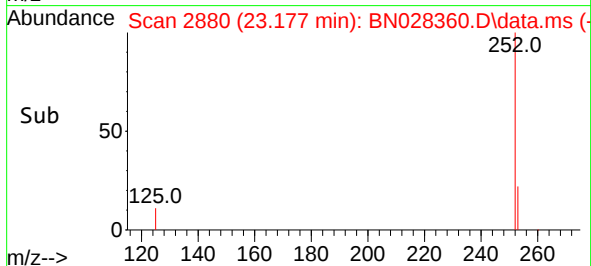
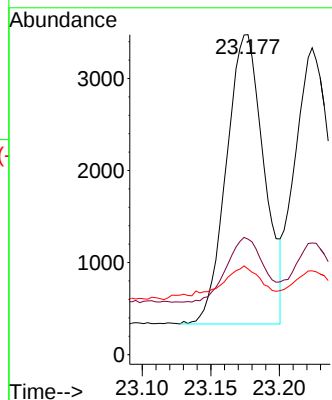
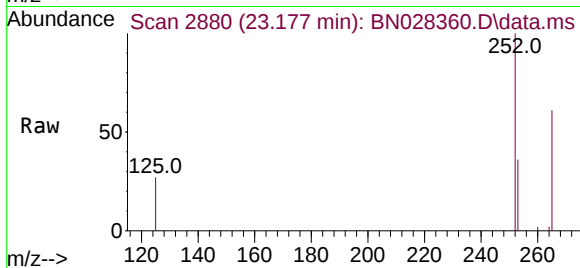
Tgt Ion:252 Resp: 5998

Ion Ratio Lower Upper

252 100

253 36.1 21.8 32.8#

125 26.8 15.6 23.4#



#38

Benzo(k)fluoranthene

Concen: 0.121 ng

RT: 23.224 min Scan# 2896

Delta R.T. -0.003 min

Lab File: BN028360.D

Acq: 24 Oct 2023 00:25

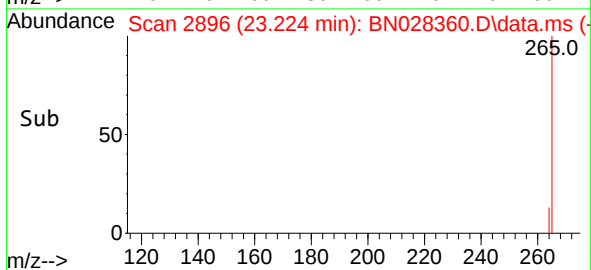
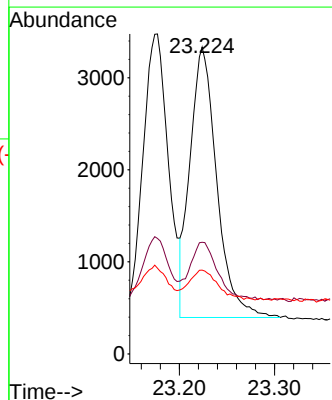
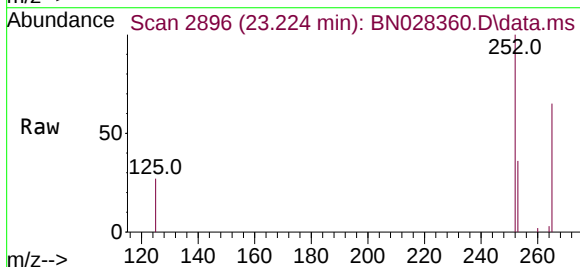
Tgt Ion:252 Resp: 5753

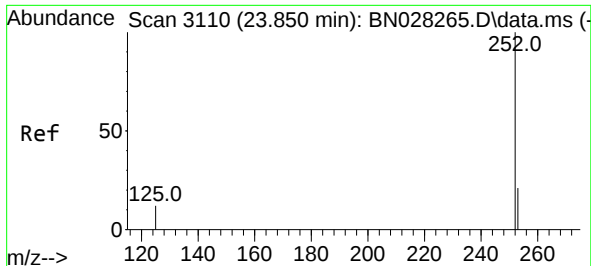
Ion Ratio Lower Upper

252 100

253 36.4 22.0 33.0#

125 27.3 15.3 22.9#





#39

Benzo(a)pyrene

Concen: 0.106 ng

RT: 23.823 min Scan# 3110

Delta R.T. -0.006 min

Lab File: BN028360.D

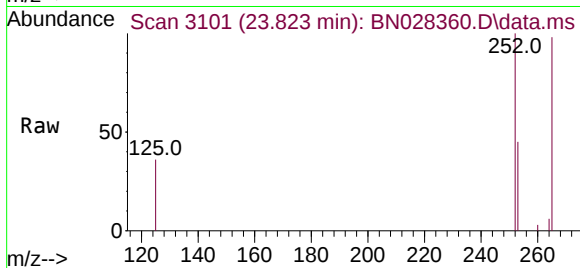
Acq: 24 Oct 2023 00:25

Instrument :

BNA\_N

ClientSampleId :

GWOW-BR-06-252-272-101923



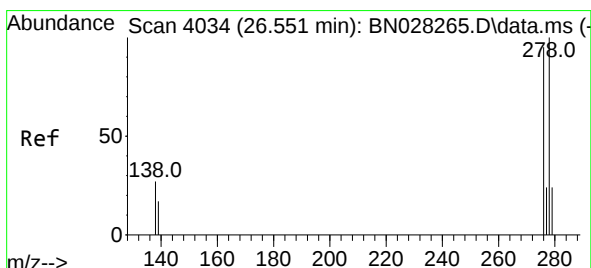
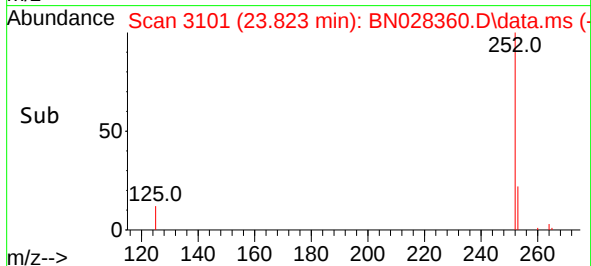
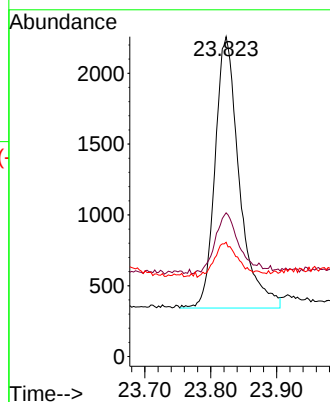
Tgt Ion:252 Resp: 4916

Ion Ratio Lower Upper

252 100

253 44.9 22.7 34.1#

125 35.7 17.0 25.6#



#40

Dibenzo(a,h)anthracene

Concen: 0.093 ng

RT: 26.519 min Scan# 4023

Delta R.T. 0.000 min

Lab File: BN028360.D

Acq: 24 Oct 2023 00:25

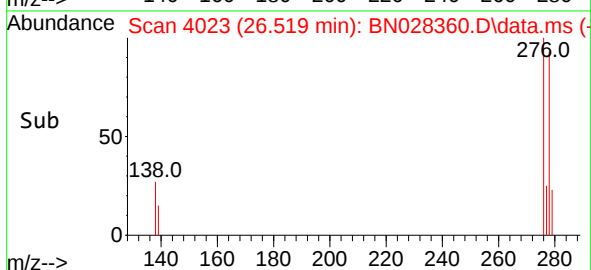
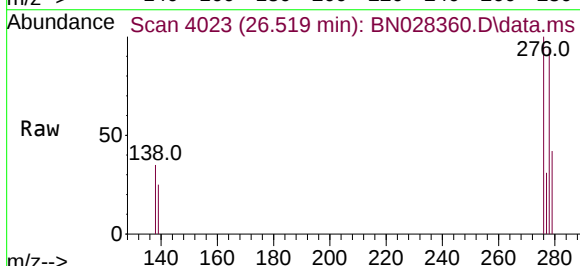
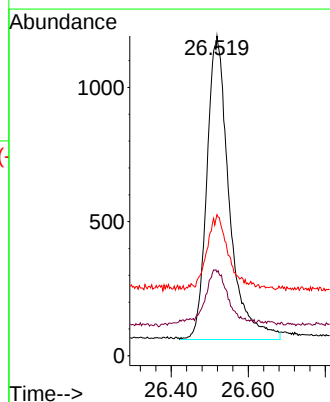
Tgt Ion:278 Resp: 4557

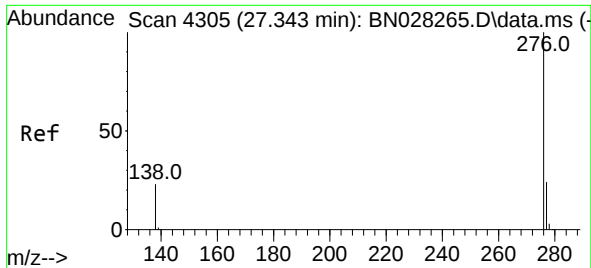
Ion Ratio Lower Upper

278 100

139 26.2 18.8 28.2

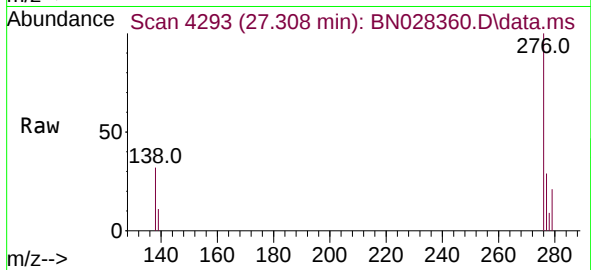
279 44.1 23.5 35.3#





#41  
 Benzo(g,h,i)perylene  
 Concen: 0.091 ng  
 RT: 27.308 min Scan# 41  
 Delta R.T. 0.003 min  
 Lab File: BN028360.D  
 Acq: 24 Oct 2023 00:25

Instrument :  
 BNA\_N  
 ClientSampleId :  
 GWOW-BR-06-252-272-101923



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 276   | Resp: | 4612  |
| Ion      | Ratio | Lower | Upper |
| 276      | 100   |       |       |
| 277      | 29.3  | 21.7  | 32.5  |
| 138      | 32.3  | 21.7  | 32.5  |

