

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN101023\  
 Data File : BN028201.D  
 Acq On : 10 Oct 2023 17:27  
 Operator : MA/JU  
 Sample : 04657-09MS  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 W-2(0-2IN)MS

Quant Time: Oct 10 18:41:36 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN100223.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Oct 10 00:42:22 2023  
 Response via : Initial Calibration

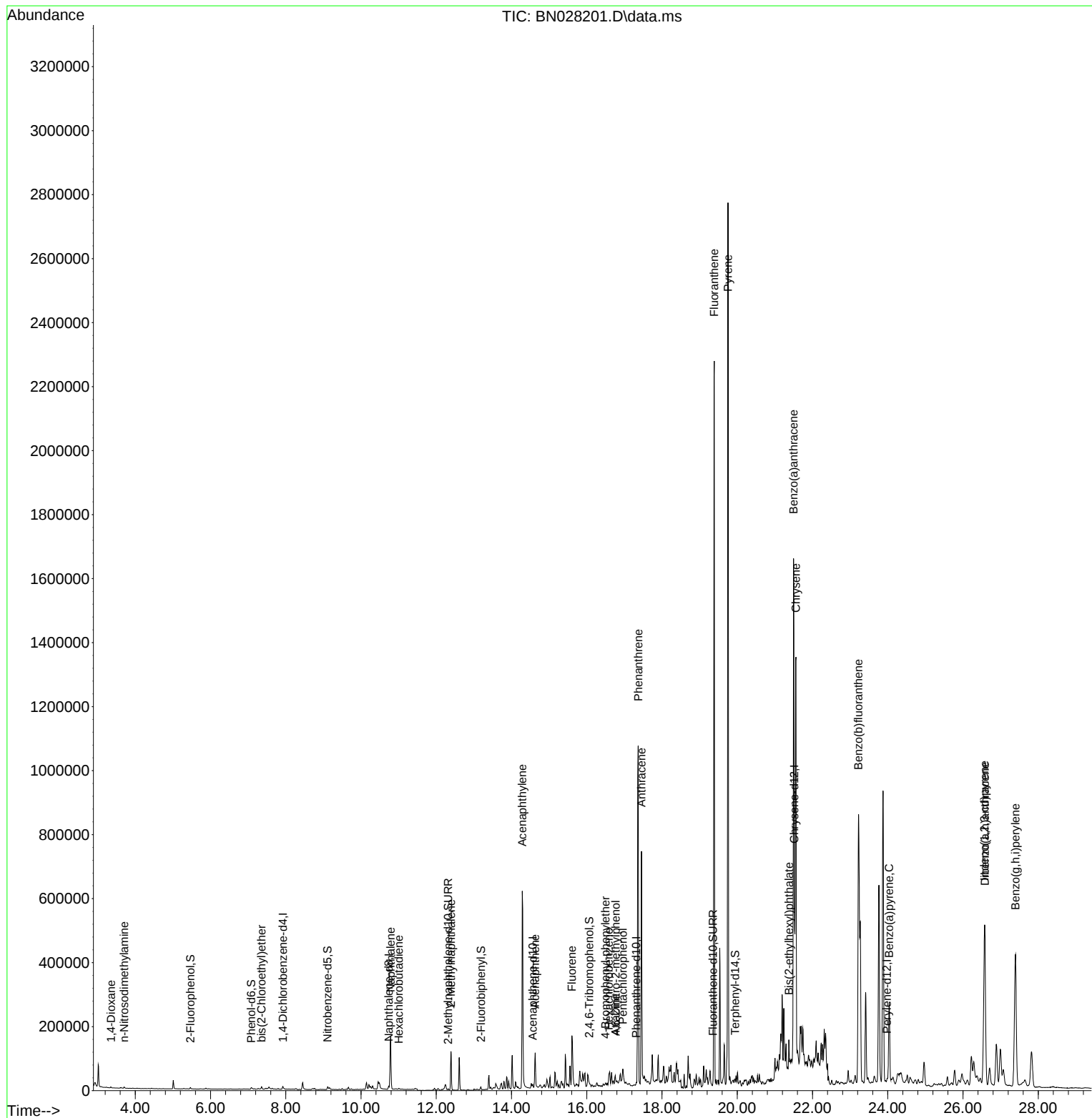
| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.921  | 152  | 4226     | 0.400  | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.735 | 136  | 19514    | 0.400  | ng    | 0.00     |
| 13) Acenaphthene-d10          | 14.565 | 164  | 7322     | 0.400  | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.318 | 188  | 13450    | 0.400  | ng    | 0.00     |
| 29) Chrysene-d12              | 21.515 | 240  | 16823    | 0.400  | ng    | # 0.00   |
| 35) Perylene-d12              | 23.983 | 264  | 19748    | 0.400  | ng    | # 0.00   |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 4) 2-Fluorophenol             | 5.466  | 112  | 3754     | 0.298  | ng    | 0.00     |
| 5) Phenol-d6                  | 7.083  | 99   | 4849     | 0.305  | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 9.112  | 82   | 10007    | 0.603  | ng    | -0.01    |
| 11) 2-Methylnaphthalene-d10   | 12.316 | 152  | 5481     | 0.190  | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 16.065 | 330  | 929      | 0.277  | ng    | -0.01    |
| 15) 2-Fluorobiphenyl          | 13.186 | 172  | 7532     | 0.285  | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.355 | 212  | 9050     | 0.268  | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.941 | 244  | 8770     | 0.223  | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.357  | 88   | 1814     | 0.383  | ng    | # 60     |
| 3) n-Nitrosodimethylamine     | 3.703  | 42   | 2156     | 0.397  | ng    | # 96     |
| 6) bis(2-Chloroethyl)ether    | 7.358  | 93   | 5420     | 0.423  | ng    | 99       |
| 9) Naphthalene                | 10.788 | 128  | 210250   | 4.170  | ng    | 98       |
| 10) Hexachlorobutadiene       | 11.002 | 225  | 2347     | 0.262  | ng    | # 100    |
| 12) 2-Methylnaphthalene       | 12.392 | 142  | 83867    | 2.378  | ng    | 99       |
| 16) Acenaphthylene            | 14.287 | 152  | 774640   | 23.882 | ng    | 100      |
| 17) Acenaphthene              | 14.629 | 154  | 61077    | 2.954  | ng    | 99       |
| 18) Fluorene                  | 15.605 | 166  | 144938   | 5.397  | ng    | 89       |
| 20) 4,6-Dinitro-2-methylph... | 16.772 | 198  | 781      | 4.369  | ng    | # 39     |
| 21) 4-Bromophenyl-phenylether | 16.499 | 248  | 2851     | 0.407  | ng    | # 87     |
| 22) Hexachlorobenzene         | 16.586 | 284  | 3151     | 0.428  | ng    | # 87     |
| 23) Atrazine                  | 16.772 | 200  | 2686     | 0.439  | ng    | # 79     |
| 24) Pentachlorophenol         | 16.958 | 266  | 16739    | 4.830  | ng    | 95       |
| 25) Phenanthrene              | 17.368 | 178  | 1212203  | 33.430 | ng    | 100      |
| 26) Anthracene                | 17.455 | 178  | 729930   | 21.297 | ng    | 97       |
| 28) Fluoranthene              | 19.388 | 202  | 2012857  | 48.099 | ng    | 99       |
| 30) Pyrene                    | 19.755 | 202  | 2381824  | 38.611 | ng    | 98       |
| 32) Benzo(a)anthracene        | 21.497 | 228  | 1448143  | 25.297 | ng    | 98       |
| 33) Chrysene                  | 21.560 | 228  | 1268394  | 22.992 | ng    | 96       |
| 34) Bis(2-ethylhexyl)phtha... | 21.372 | 149  | 74018    | 1.966  | ng    | 99       |
| 36) Indeno(1,2,3-cd)pyrene    | 26.574 | 276  | 888282   | 13.373 | ng    | 97       |
| 37) Benzo(b)fluoranthene      | 23.223 | 252  | 1584801  | 24.848 | ng    | # 89     |
| 39) Benzo(a)pyrene            | 24.039 | 252  | 311021   | 5.157  | ng    | 93       |
| 40) Dibenzo(a,h)anthracene    | 26.583 | 278  | 273926   | 5.041  | ng    | 97       |
| 41) Benzo(g,h,i)perylene      | 27.395 | 276  | 940759   | 16.867 | ng    | 95       |
| -----                         |        |      |          |        |       |          |

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

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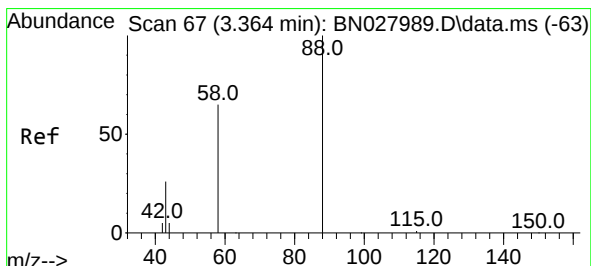
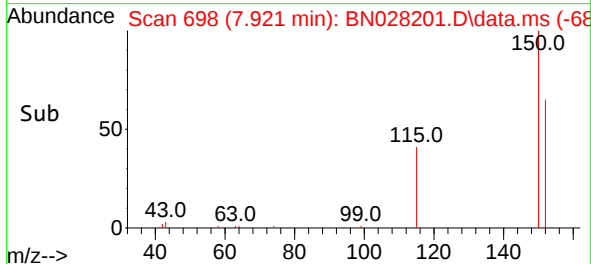
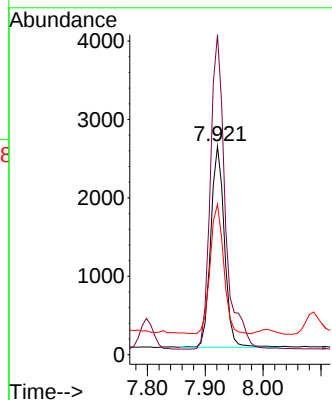
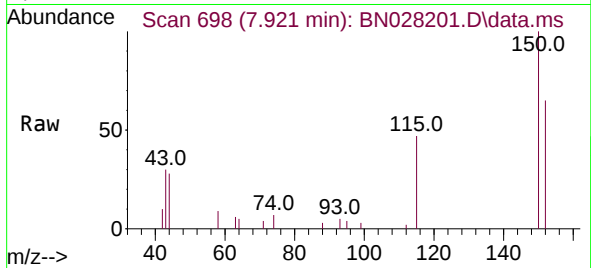




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 7.921 min Scan# 61  
 Delta R.T. -0.001 min  
 Lab File: BN028201.D  
 Acq: 10 Oct 2023 17:27

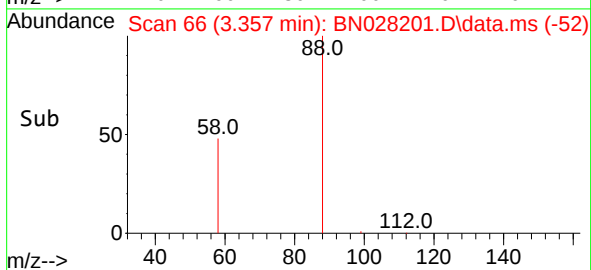
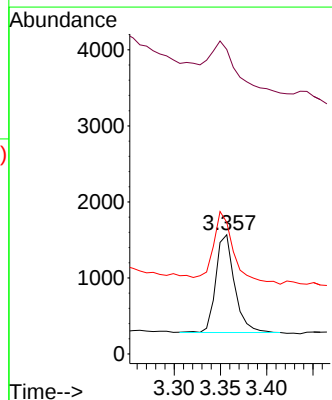
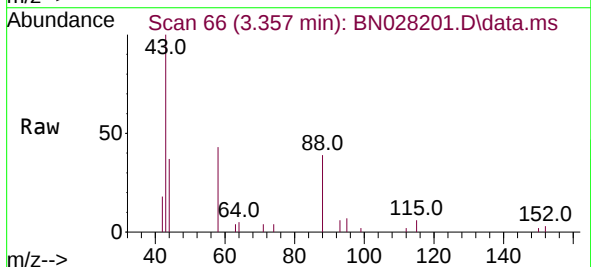
Instrument :  
 BNA\_N  
 ClientSampleId :  
 W-2(0-2IN)MS

Tgt Ion:152 Resp: 4226  
 Ion Ratio Lower Upper  
 152 100  
 150 153.5 125.6 188.4  
 115 72.2 54.8 82.2



#2  
 1,4-Dioxane  
 Concen: 0.383 ng  
 RT: 3.357 min Scan# 66  
 Delta R.T. -0.000 min  
 Lab File: BN028201.D  
 Acq: 10 Oct 2023 17:27

Tgt Ion: 88 Resp: 1814  
 Ion Ratio Lower Upper  
 88 100  
 43 75.8 24.6 36.8#  
 58 83.2 53.8 80.6#

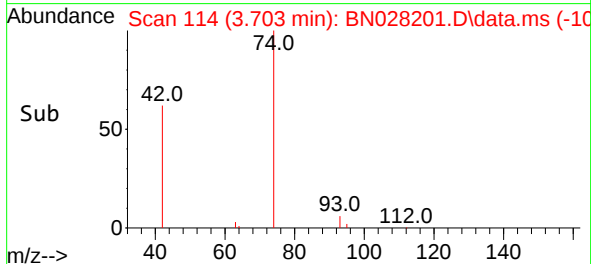
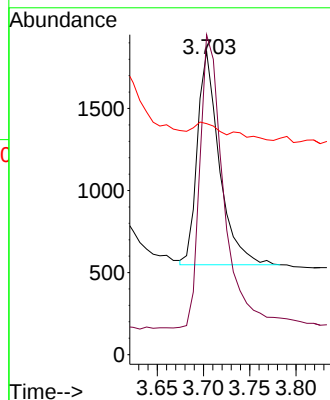
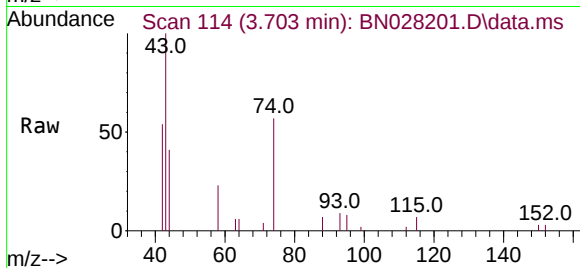




#3  
n-Nitrosodimethylamine  
Concen: 0.397 ng  
RT: 3.703 min Scan# 116  
Delta R.T. -0.008 min  
Lab File: BN028201.D  
Acq: 10 Oct 2023 17:27

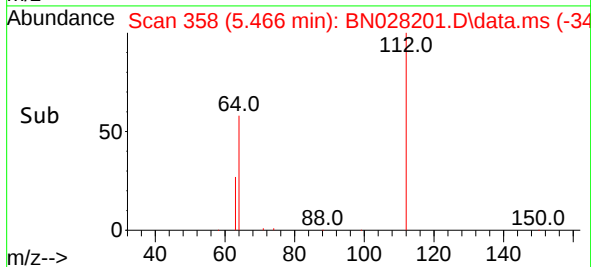
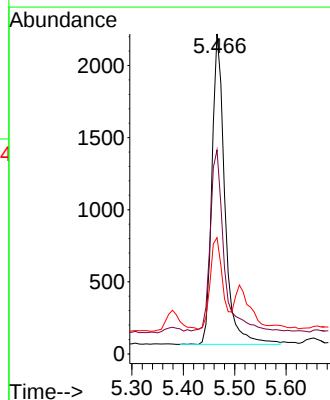
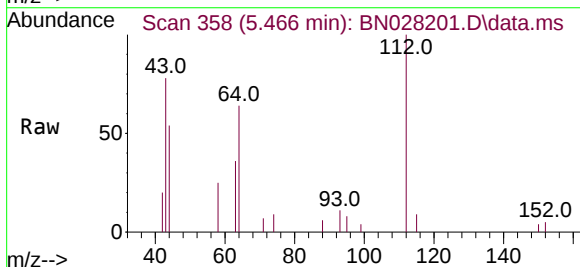
Instrument :  
BNA\_N  
ClientSampleId :  
W-2(0-2IN)MS

Tgt Ion: 42 Resp: 2156  
Ion Ratio Lower Upper  
42 100  
74 149.6 115.9 173.9  
44 12.8 8.0 12.0#



#4  
2-Fluorophenol  
Concen: 0.298 ng  
RT: 5.466 min Scan# 358  
Delta R.T. -0.001 min  
Lab File: BN028201.D  
Acq: 10 Oct 2023 17:27

Tgt Ion: 112 Resp: 3754  
Ion Ratio Lower Upper  
112 100  
64 61.5 45.0 67.6  
63 29.2 23.4 35.0

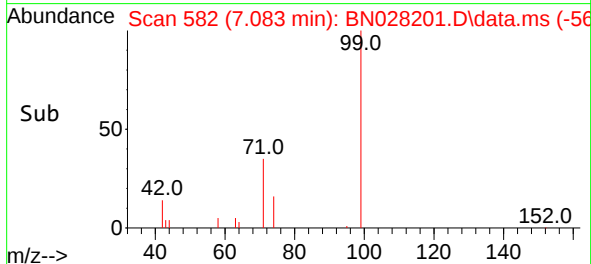
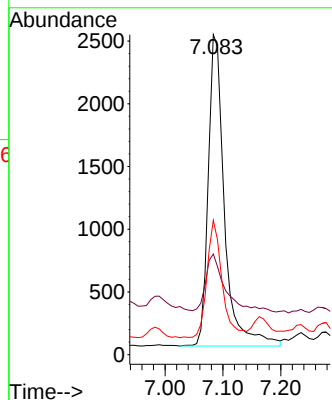
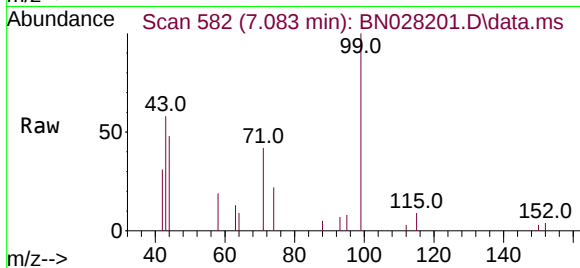




#5  
Phenol-d6  
Concen: 0.305 ng  
RT: 7.083 min Scan# 51  
Delta R.T. -0.008 min  
Lab File: BN028201.D  
Acq: 10 Oct 2023 17:27

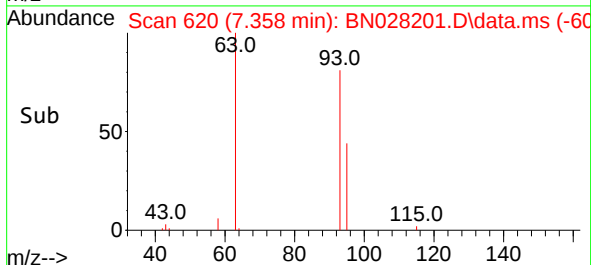
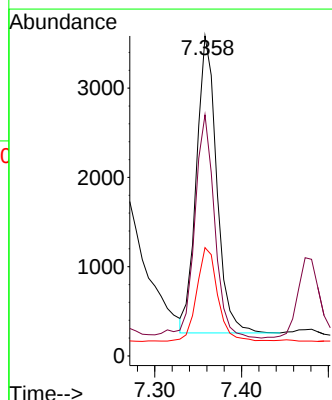
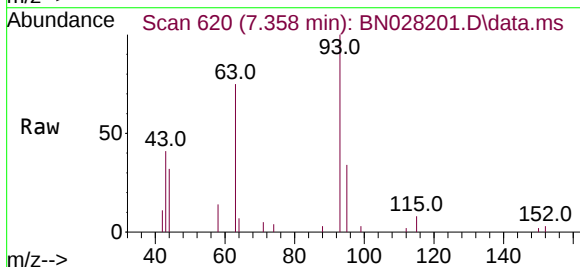
Instrument :  
BNA\_N  
ClientSampleId :  
W-2(0-2IN)MS

Tgt Ion: 99 Resp: 4849  
Ion Ratio Lower Upper  
99 100  
42 22.3 14.6 22.0#  
71 35.1 28.3 42.5



#6  
bis(2-Chloroethyl)ether  
Concen: 0.423 ng  
RT: 7.358 min Scan# 620  
Delta R.T. -0.008 min  
Lab File: BN028201.D  
Acq: 10 Oct 2023 17:27

Tgt Ion: 93 Resp: 5420  
Ion Ratio Lower Upper  
93 100  
63 74.6 58.8 88.2  
95 33.0 26.6 39.8

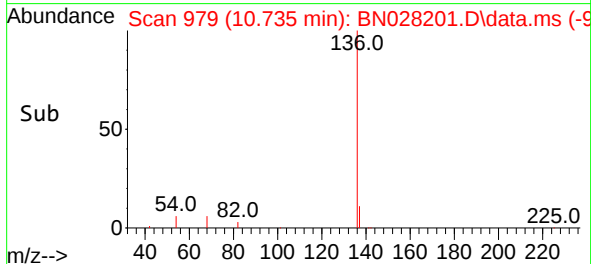
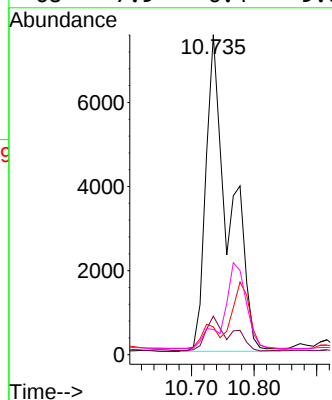
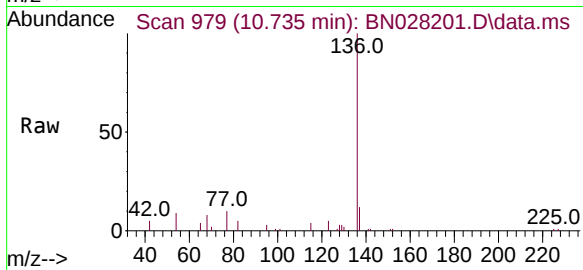




#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.735 min Scan# 91  
Delta R.T. -0.001 min  
Lab File: BN028201.D  
Acq: 10 Oct 2023 17:27

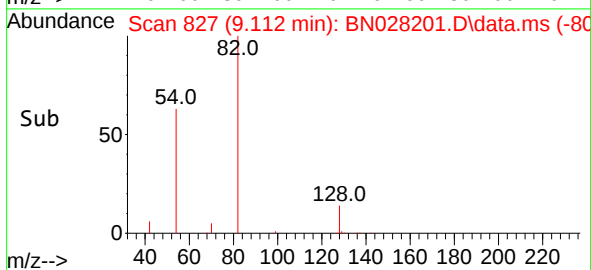
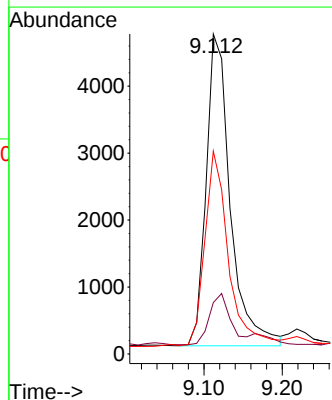
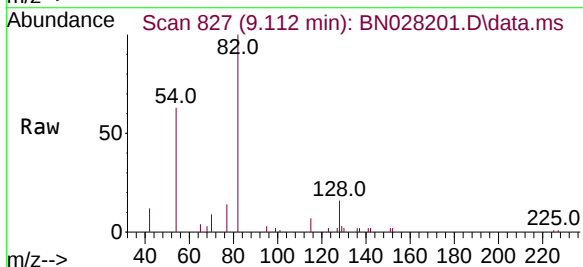
Instrument :  
BNA\_N  
ClientSampleId :  
W-2(0-2IN)MS

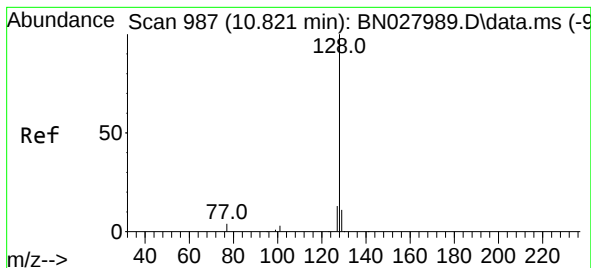
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|-------------|-------|----------|
| Tgt Ion:136 | Resp: | 19514    |
| Ion Ratio   | Lower | Upper    |
| 136         | 100   |          |
| 137         | 12.0  | 9.4 14.0 |
| 54          | 8.7   | 7.0 10.6 |
| 68          | 7.9   | 6.4 9.6  |



#8  
Nitrobenzene-d5  
Concen: 0.603 ng  
RT: 9.112 min Scan# 827  
Delta R.T. -0.011 min  
Lab File: BN028201.D  
Acq: 10 Oct 2023 17:27

|             |       |            |
|-------------|-------|------------|
| Tgt Ion: 82 | Resp: | 10007      |
| Ion Ratio   | Lower | Upper      |
| 82          | 100   |            |
| 128         | 16.0  | 32.7 49.1# |
| 54          | 63.4  | 38.7 58.1# |





#9

Naphthalene

Concen: 4.170 ng

RT: 10.788 min Scan# 91

Delta R.T. -0.001 min

Lab File: BN028201.D

Acq: 10 Oct 2023 17:27

Instrument :

BNA\_N

ClientSampleId :

W-2(0-2IN)MS

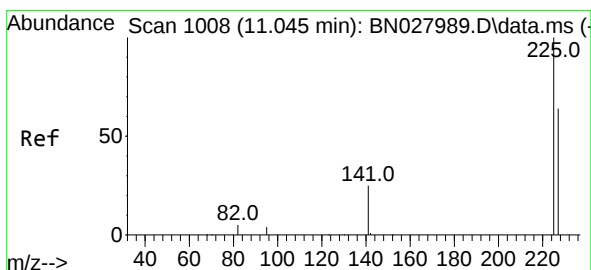
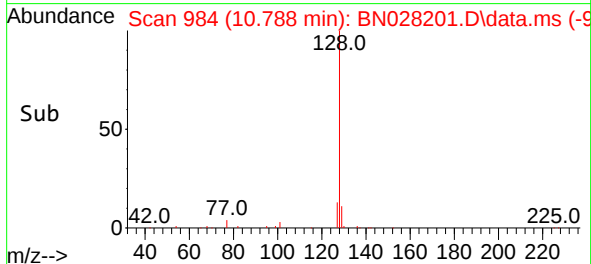
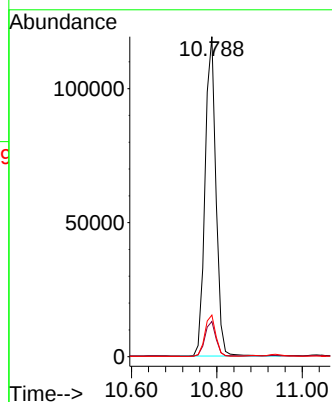
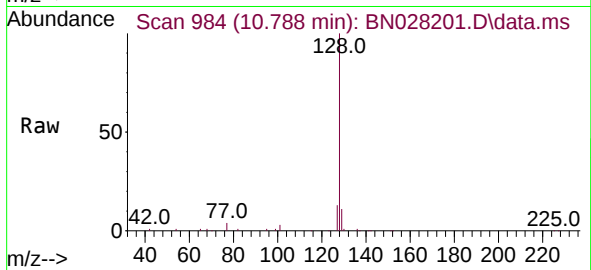
Tgt Ion:128 Resp: 210250

Ion Ratio Lower Upper

128 100

129 11.0 9.4 14.2

127 13.0 10.9 16.3



#10

Hexachlorobutadiene

Concen: 0.262 ng

RT: 11.002 min Scan# 1004

Delta R.T. -0.011 min

Lab File: BN028201.D

Acq: 10 Oct 2023 17:27

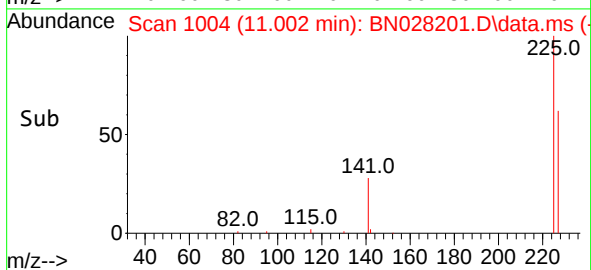
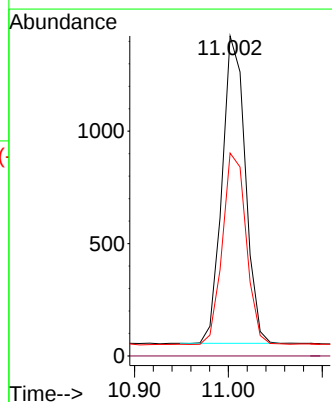
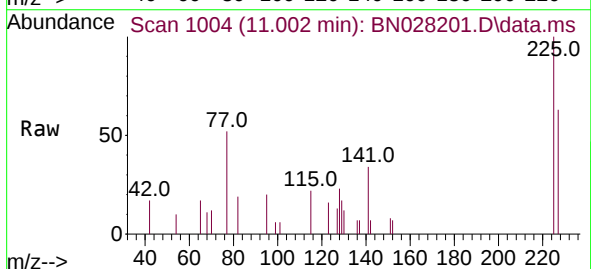
Tgt Ion:225 Resp: 2347

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

227 64.0 51.3 76.9

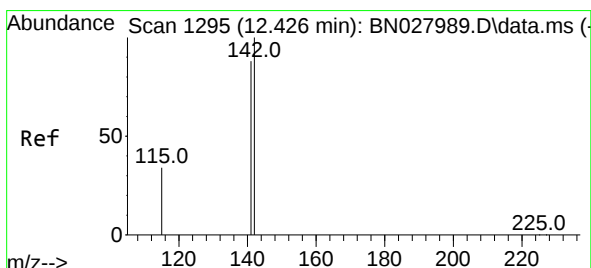
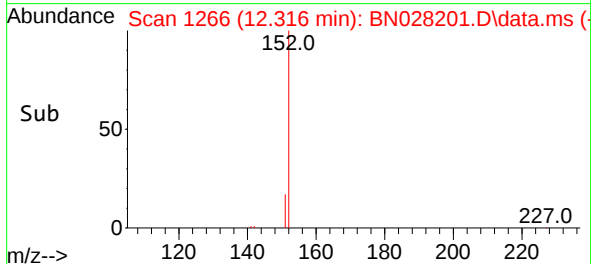
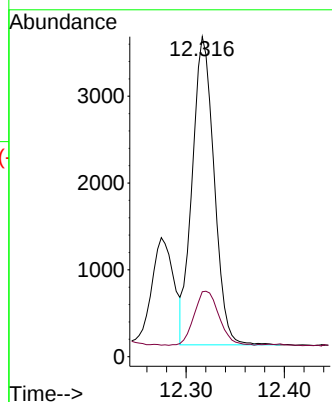
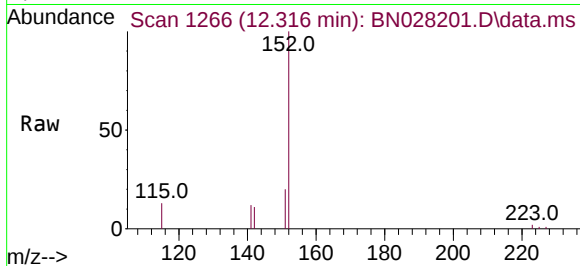




#11  
2-Methylnaphthalene-d10  
Concen: 0.190 ng  
RT: 12.316 min Scan# 11  
Delta R.T. -0.008 min  
Lab File: BN028201.D  
Acq: 10 Oct 2023 17:27

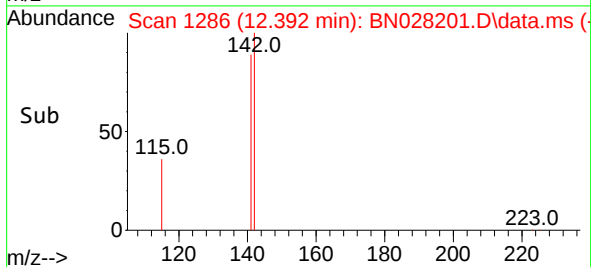
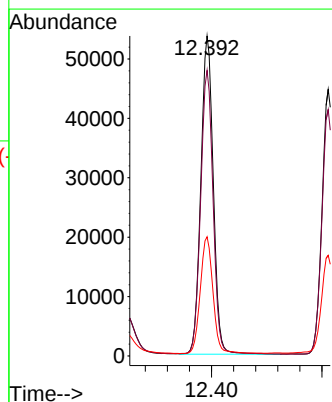
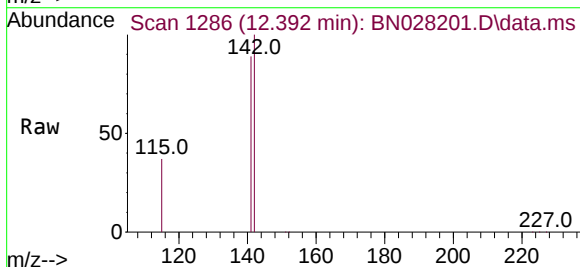
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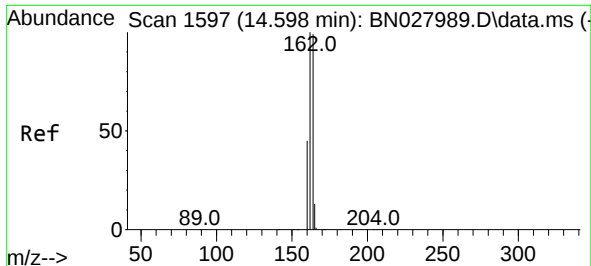
Tgt Ion:152 Resp: 5481  
Ion Ratio Lower Upper  
152 100  
151 20.1 16.5 24.7



#12  
2-Methylnaphthalene  
Concen: 2.378 ng  
RT: 12.392 min Scan# 1286  
Delta R.T. -0.008 min  
Lab File: BN028201.D  
Acq: 10 Oct 2023 17:27

Tgt Ion:142 Resp: 83867  
Ion Ratio Lower Upper  
142 100  
141 89.3 70.7 106.1  
115 37.3 28.6 42.8

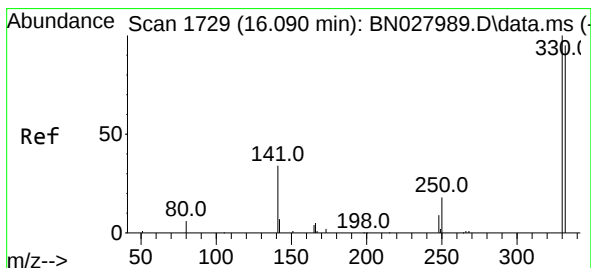
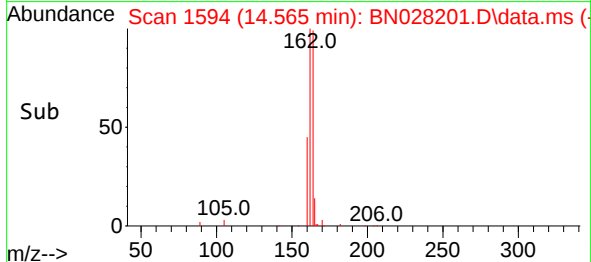
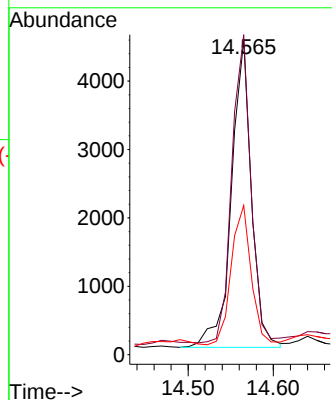
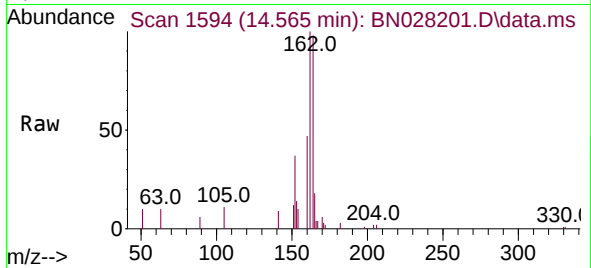




#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.565 min Scan# 1594  
Delta R.T. -0.000 min  
Lab File: BN028201.D  
Acq: 10 Oct 2023 17:27

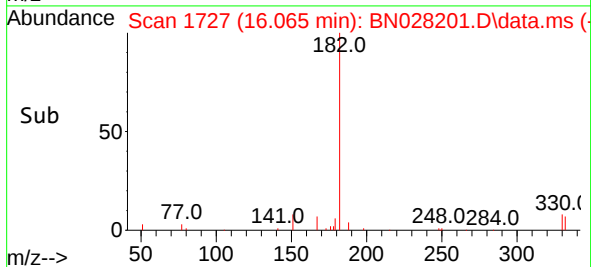
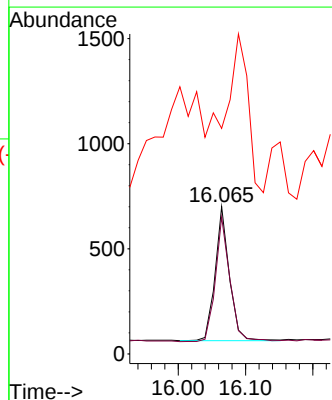
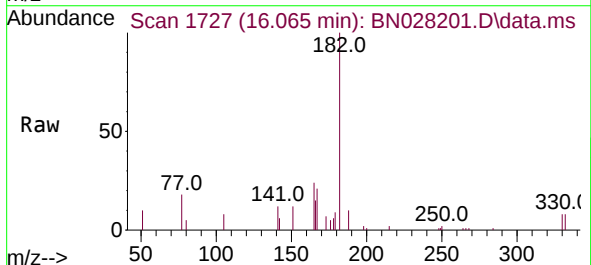
Instrument :  
BNA\_N  
ClientSampleId :  
W-2(0-2IN)MS

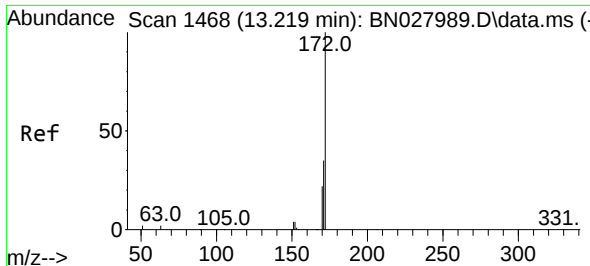
Tgt Ion:164 Resp: 7322  
Ion Ratio Lower Upper  
164 100  
162 101.6 80.8 121.2  
160 47.4 36.4 54.6



#14  
2,4,6-Tribromophenol  
Concen: 0.277 ng  
RT: 16.065 min Scan# 1727  
Delta R.T. -0.013 min  
Lab File: BN028201.D  
Acq: 10 Oct 2023 17:27

Tgt Ion:330 Resp: 929  
Ion Ratio Lower Upper  
330 100  
332 96.2 78.1 117.1  
141 0.0 33.4 50.2#

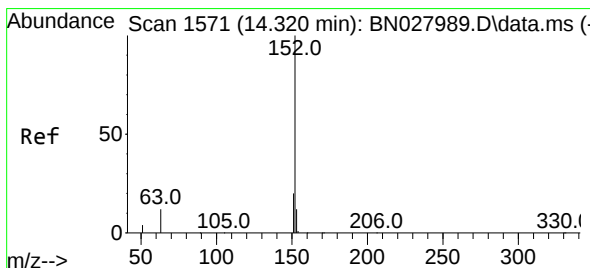
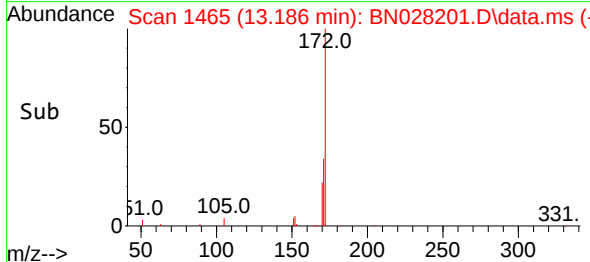
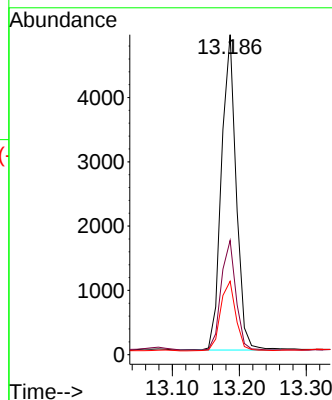
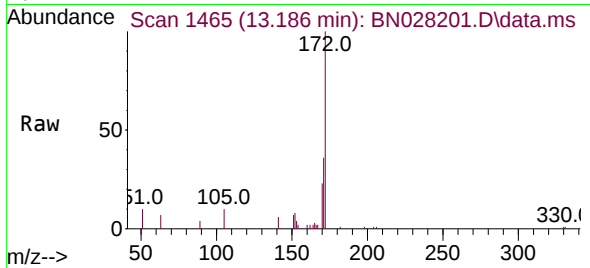




#15  
2-Fluorobiphenyl  
Concen: 0.285 ng  
RT: 13.186 min Scan# 1465  
Delta R.T. -0.001 min  
Lab File: BN028201.D  
Acq: 10 Oct 2023 17:27

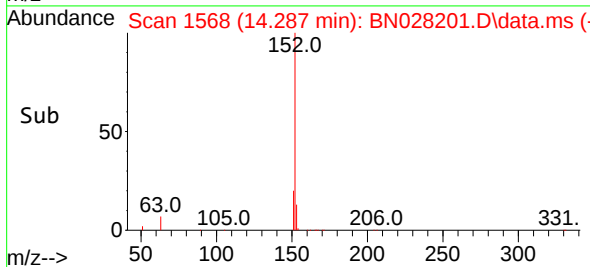
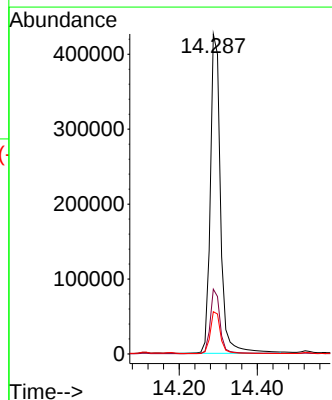
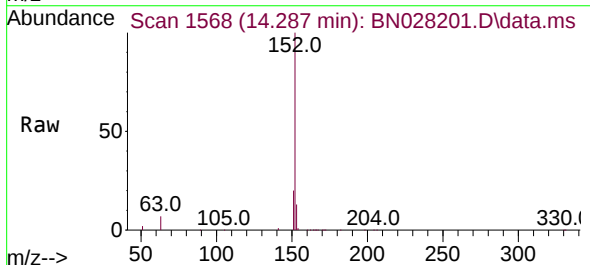
Instrument :  
BNA\_N  
ClientSampleId :  
W-2(0-2IN)MS

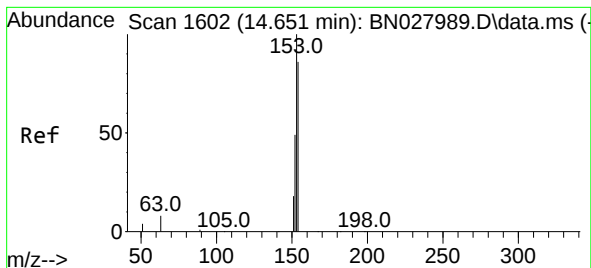
Tgt Ion:172 Resp: 7532  
Ion Ratio Lower Upper  
172 100  
171 35.7 28.1 42.1  
170 22.9 18.4 27.6



#16  
Acenaphthylene  
Concen: 23.882 ng  
RT: 14.287 min Scan# 1568  
Delta R.T. -0.011 min  
Lab File: BN028201.D  
Acq: 10 Oct 2023 17:27

Tgt Ion:152 Resp: 774640  
Ion Ratio Lower Upper  
152 100  
151 19.6 15.8 23.6  
153 13.2 10.2 15.4





#17

Acenaphthene

Concen: 2.954 ng

RT: 14.629 min Scan# 1600

Delta R.T. -0.001 min

Lab File: BN028201.D

Acq: 10 Oct 2023 17:27

Instrument :

BNA\_N

ClientSampleId :

W-2(0-2IN)MS

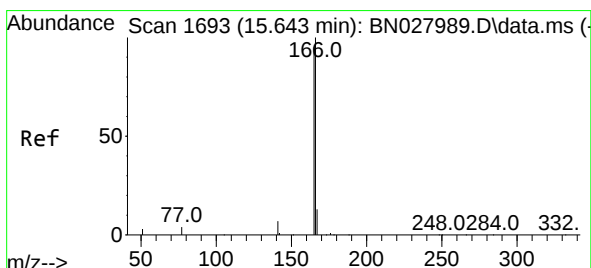
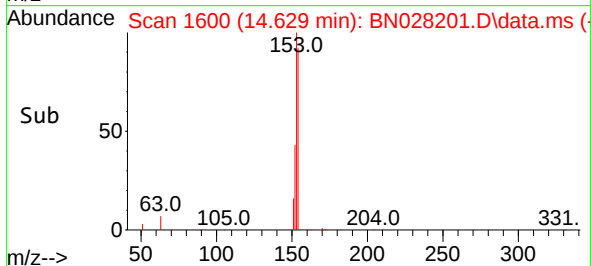
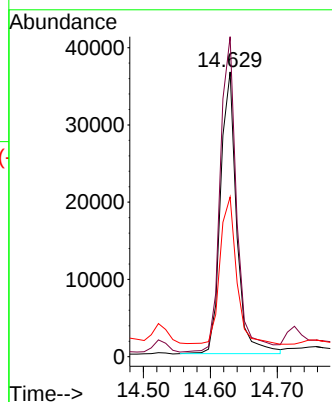
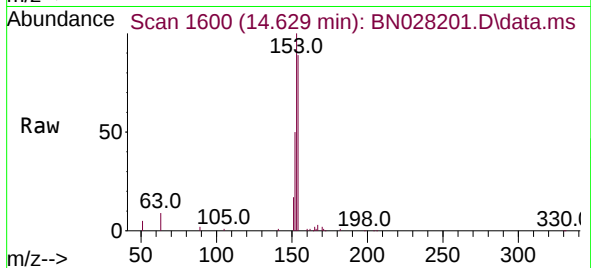
Tgt Ion:154 Resp: 61077

Ion Ratio Lower Upper

154 100

153 114.2 90.8 136.2

152 53.8 43.9 65.9



#18

Fluorene

Concen: 5.397 ng

RT: 15.605 min Scan# 1690

Delta R.T. -0.013 min

Lab File: BN028201.D

Acq: 10 Oct 2023 17:27

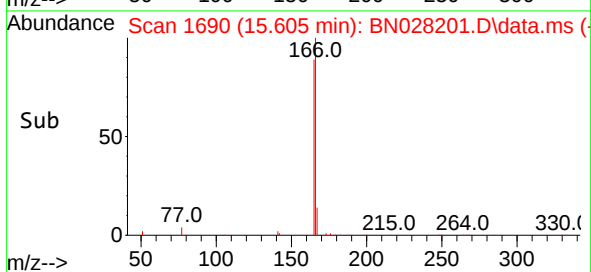
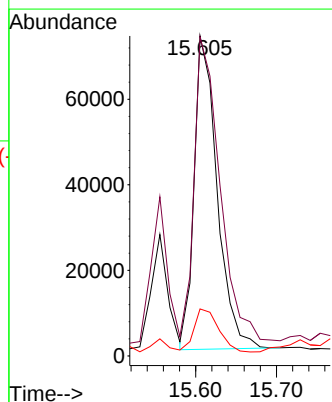
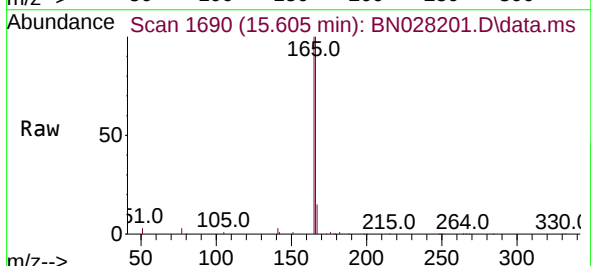
Tgt Ion:166 Resp: 144938

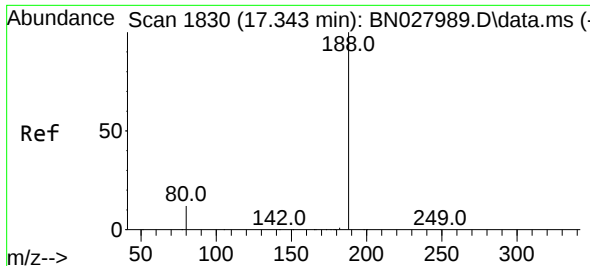
Ion Ratio Lower Upper

166 100

165 109.7 77.8 116.8

167 14.6 10.7 16.1

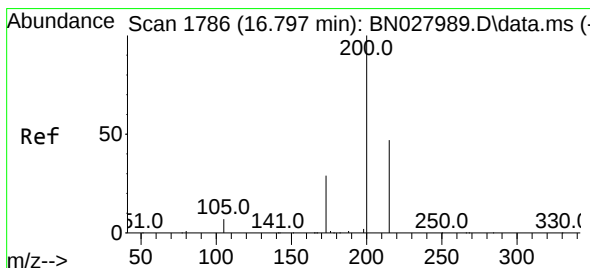
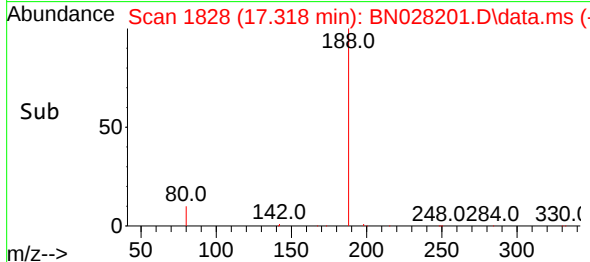
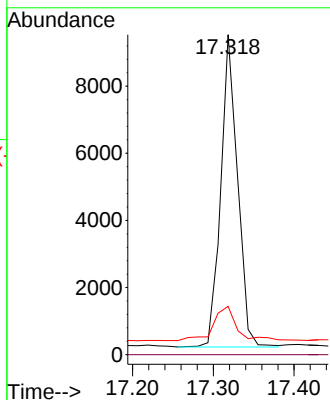
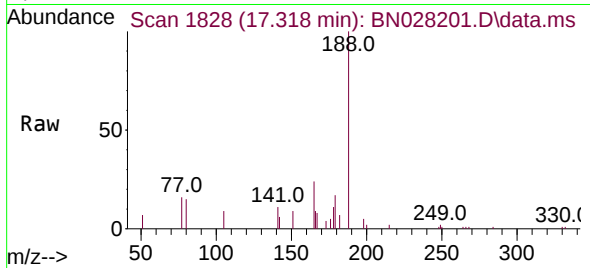




#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.318 min Scan# 1828  
Delta R.T. -0.001 min  
Lab File: BN028201.D  
Acq: 10 Oct 2023 17:27

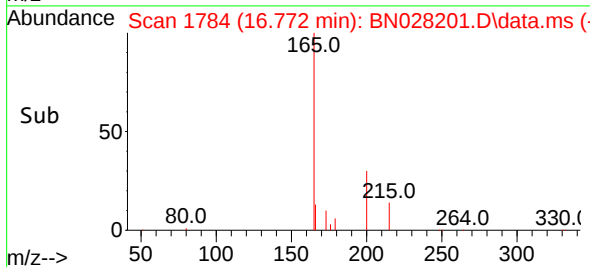
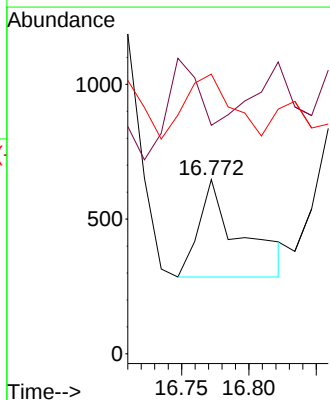
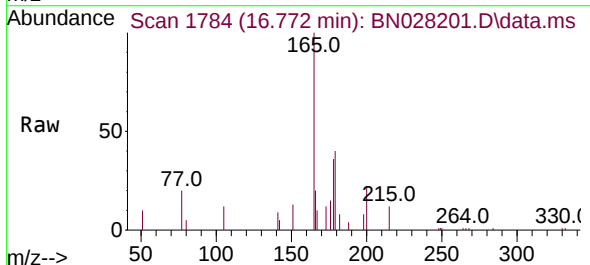
Instrument :  
BNA\_N  
ClientSampleId :  
W-2(0-2IN)MS

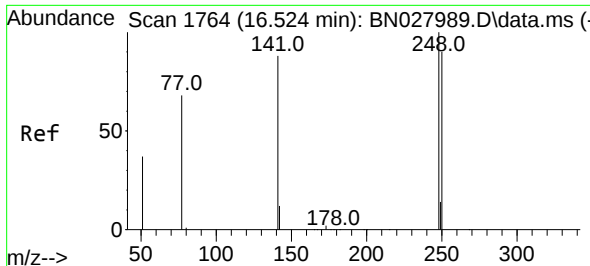
Tgt Ion:188 Resp: 13450  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 15.1 10.2 15.4



#20  
4,6-Dinitro-2-methylphenol  
Concen: 4.369 ng  
RT: 16.772 min Scan# 1784  
Delta R.T. -0.013 min  
Lab File: BN028201.D  
Acq: 10 Oct 2023 17:27

Tgt Ion:198 Resp: 781  
Ion Ratio Lower Upper  
198 100  
51 131.1 180.7 271.1#  
105 160.4 222.2 333.2#

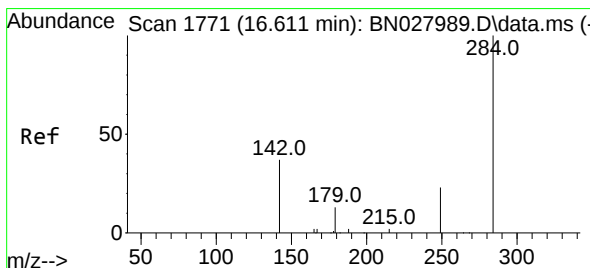
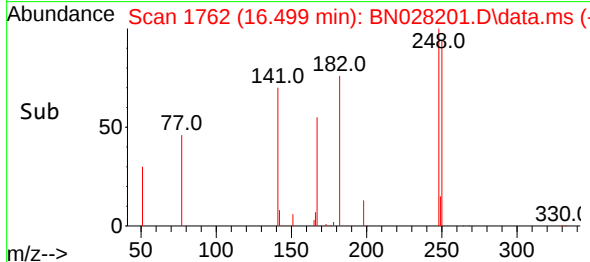
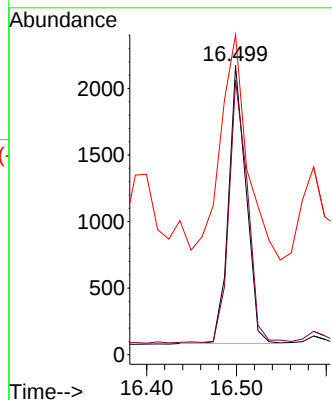
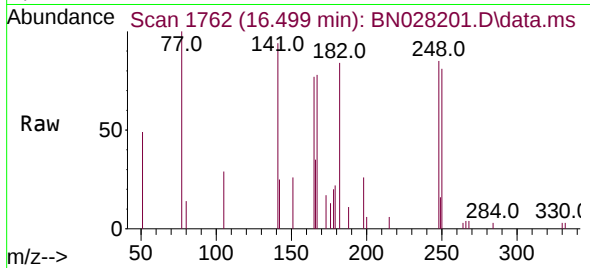




#21  
4-Bromophenyl-phenylether  
Concen: 0.407 ng  
RT: 16.499 min Scan# 1762  
Delta R.T. -0.013 min  
Lab File: BN028201.D  
Acq: 10 Oct 2023 17:27

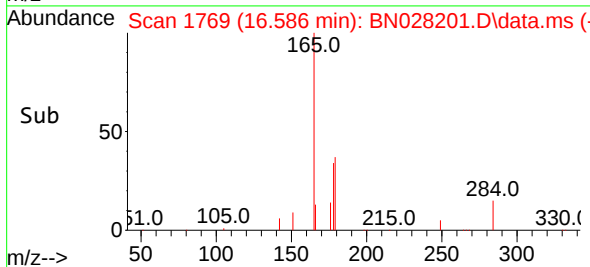
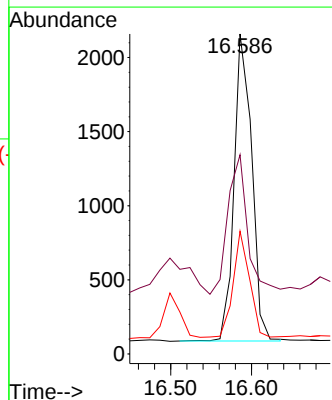
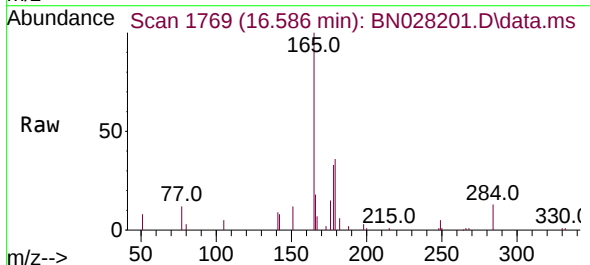
Instrument :  
BNA\_N  
ClientSampleId :  
W-2(0-2IN)MS

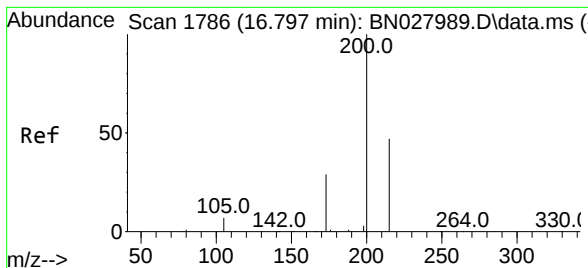
Tgt Ion:248 Resp: 2851  
Ion Ratio Lower Upper  
248 100  
250 94.8 72.3 108.5  
141 110.6 71.8 107.6#



#22  
Hexachlorobenzene  
Concen: 0.428 ng  
RT: 16.586 min Scan# 1769  
Delta R.T. -0.001 min  
Lab File: BN028201.D  
Acq: 10 Oct 2023 17:27

Tgt Ion:284 Resp: 3151  
Ion Ratio Lower Upper  
284 100  
142 51.3 29.9 44.9#  
249 32.0 25.0 37.4





#23

Atrazine

Concen: 0.439 ng

RT: 16.772 min Scan# 1

Delta R.T. -0.013 min

Lab File: BN028201.D

Acq: 10 Oct 2023 17:27

Instrument :

BNA\_N

ClientSampleId :

W-2(0-2IN)MS

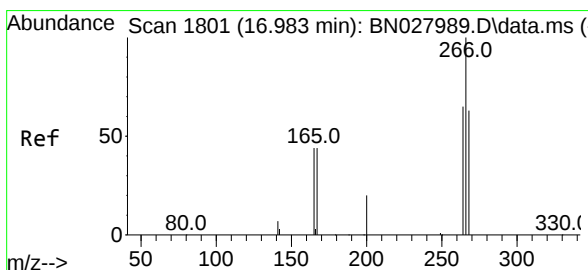
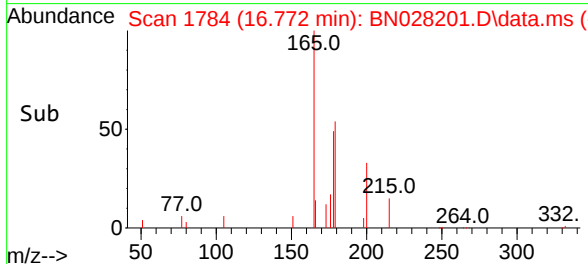
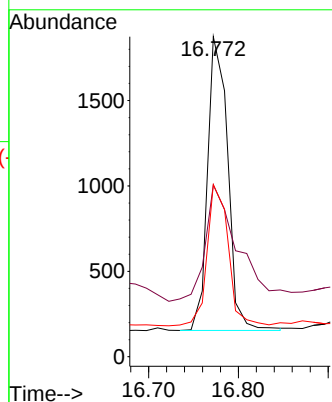
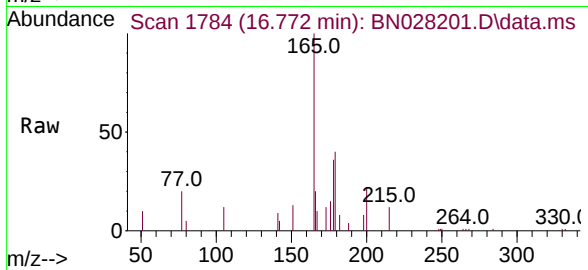
Tgt Ion:200 Resp: 2686

Ion Ratio Lower Upper

200 100

173 53.7 24.7 37.1#

215 53.7 39.0 58.6



#24

Pentachlorophenol

Concen: 4.830 ng

RT: 16.958 min Scan# 1799

Delta R.T. -0.013 min

Lab File: BN028201.D

Acq: 10 Oct 2023 17:27

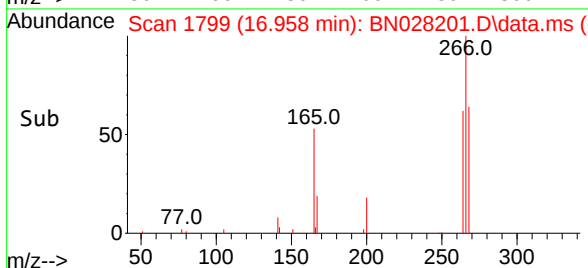
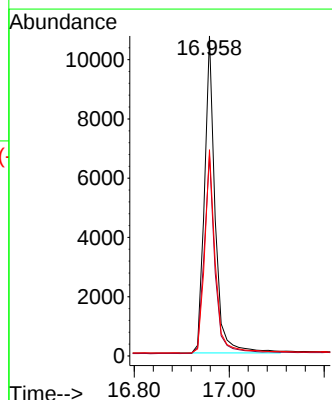
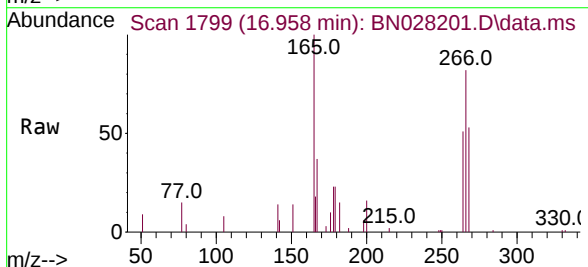
Tgt Ion:266 Resp: 16739

Ion Ratio Lower Upper

266 100

264 63.8 52.7 79.1

268 64.4 56.2 84.2

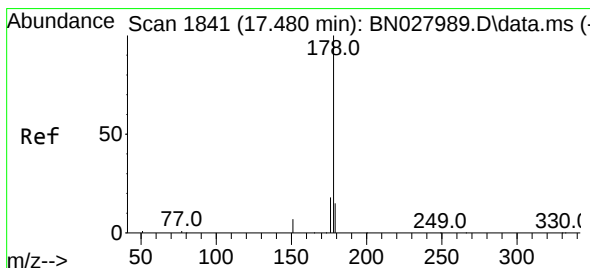
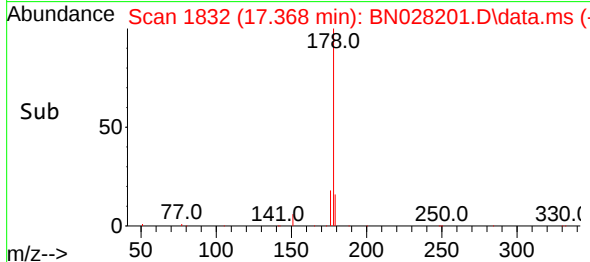
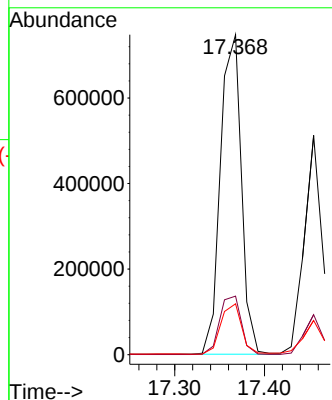
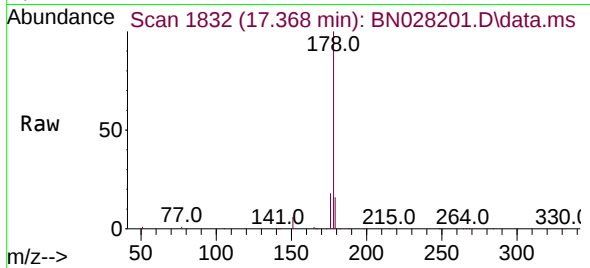




#25  
Phenanthrene  
Concen: 33.430 ng  
RT: 17.368 min Scan# 1832  
Delta R.T. -0.001 min  
Lab File: BN028201.D  
Acq: 10 Oct 2023 17:27

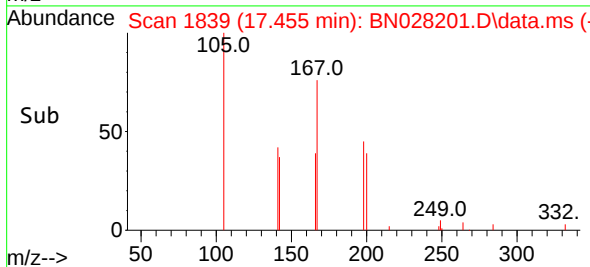
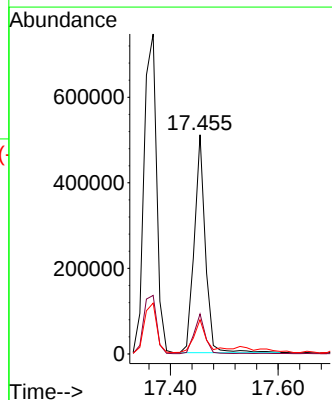
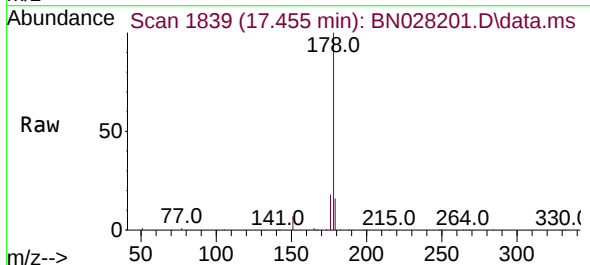
Instrument :  
BNA\_N  
ClientSampleId :  
W-2(0-2IN)MS

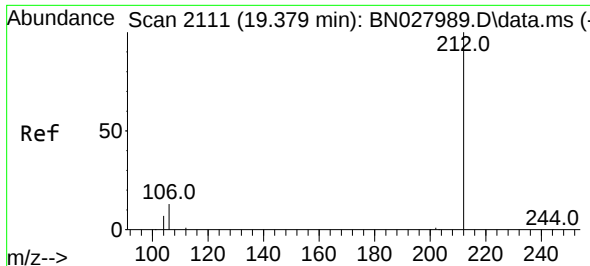
Tgt Ion:178 Resp: 1212203  
Ion Ratio Lower Upper  
178 100  
176 18.9 15.3 22.9  
179 15.7 12.4 18.6



#26  
Anthracene  
Concen: 21.297 ng  
RT: 17.455 min Scan# 1839  
Delta R.T. -0.001 min  
Lab File: BN028201.D  
Acq: 10 Oct 2023 17:27

Tgt Ion:178 Resp: 729930  
Ion Ratio Lower Upper  
178 100  
176 18.2 14.7 22.1  
179 17.6 12.2 18.2

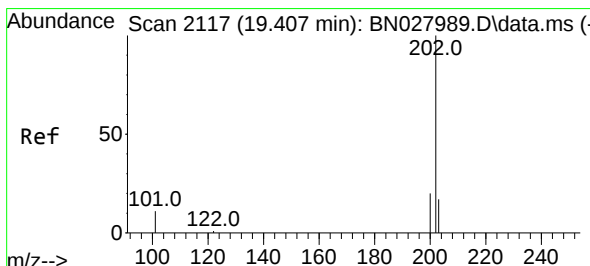
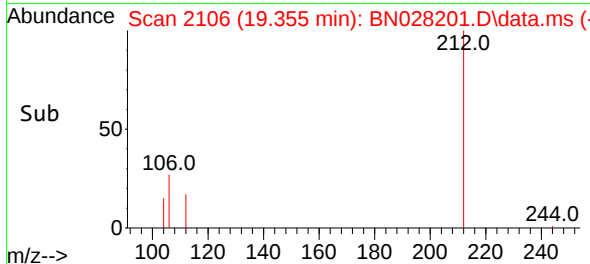
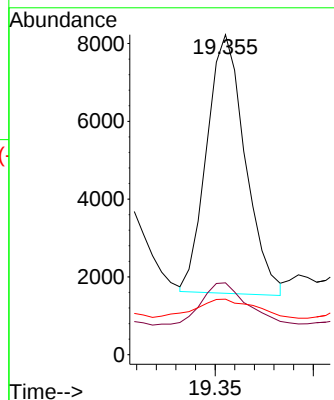
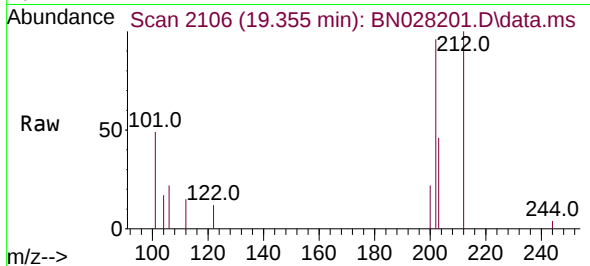




#27  
Fluoranthene-d10  
Concen: 0.268 ng  
RT: 19.355 min Scan# 2110  
Delta R.T. -0.001 min  
Lab File: BN028201.D  
Acq: 10 Oct 2023 17:27

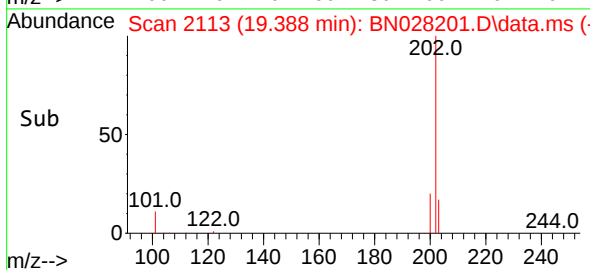
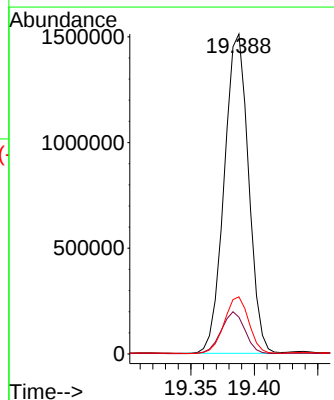
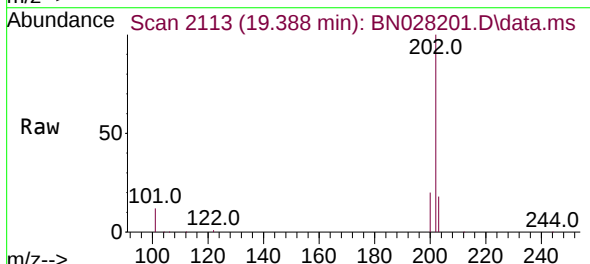
Instrument :  
BNA\_N  
ClientSampleId :  
W-2(0-2IN)MS

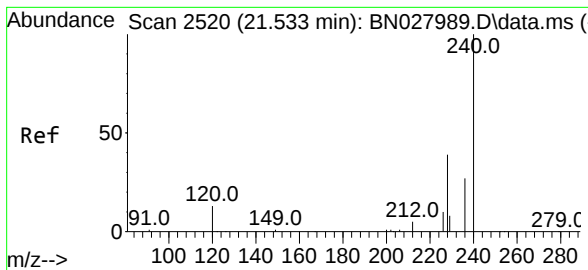
Tgt Ion:212 Resp: 9050  
Ion Ratio Lower Upper  
212 100  
106 19.5 11.3 16.9#  
104 12.1 6.4 9.6#



#28  
Fluoranthene  
Concen: 48.099 ng  
RT: 19.388 min Scan# 2113  
Delta R.T. 0.004 min  
Lab File: BN028201.D  
Acq: 10 Oct 2023 17:27

Tgt Ion:202 Resp: 2012857  
Ion Ratio Lower Upper  
202 100  
101 12.8 9.8 14.6  
203 17.9 13.8 20.8





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.515 min Scan# 21

Delta R.T. -0.001 min

Lab File: BN028201.D

Acq: 10 Oct 2023 17:27

Instrument :

BNA\_N

ClientSampleId :

W-2(0-2IN)MS

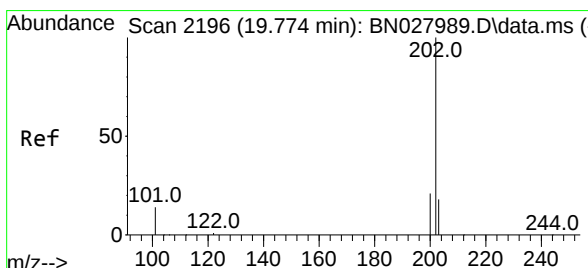
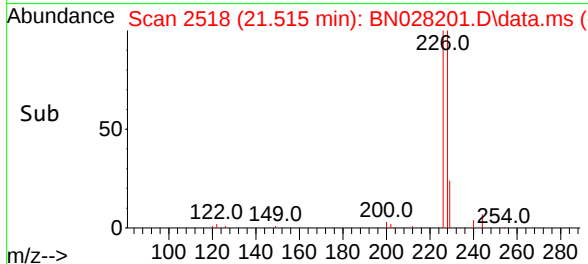
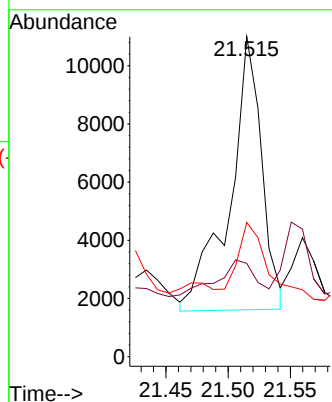
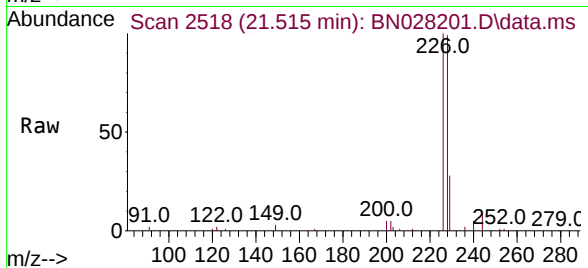
Tgt Ion:240 Resp: 16823

Ion Ratio Lower Upper

240 100

120 29.1 13.8 20.6#

236 41.9 22.6 33.8#



#30

Pyrene

Concen: 38.611 ng

RT: 19.755 min Scan# 2192

Delta R.T. 0.004 min

Lab File: BN028201.D

Acq: 10 Oct 2023 17:27

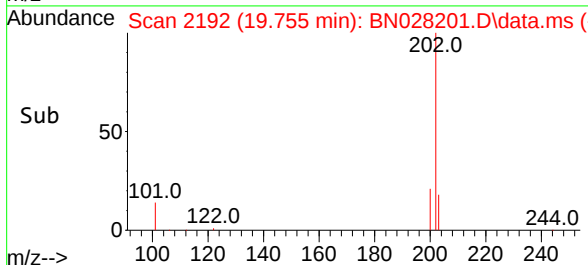
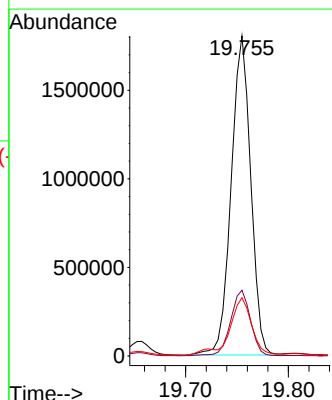
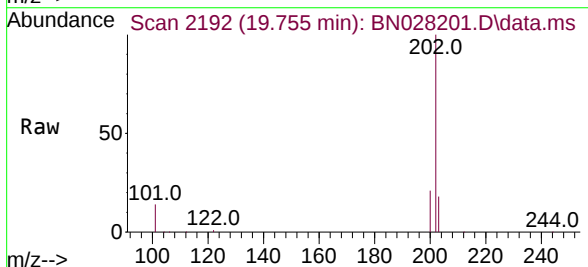
Tgt Ion:202 Resp: 2381824

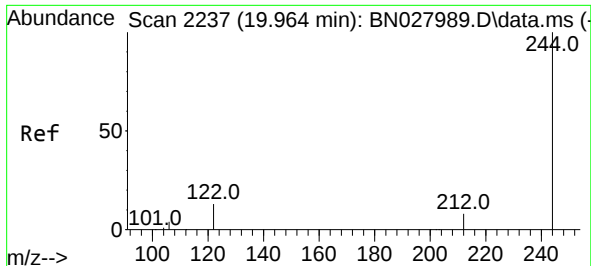
Ion Ratio Lower Upper

202 100

200 20.7 16.5 24.7

203 20.3 14.7 22.1

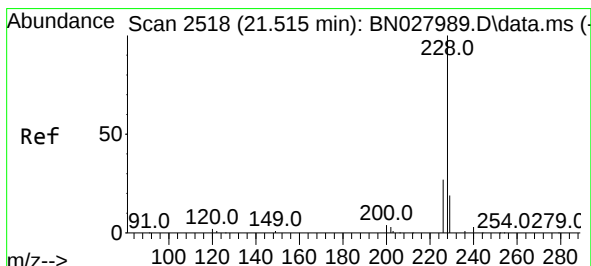
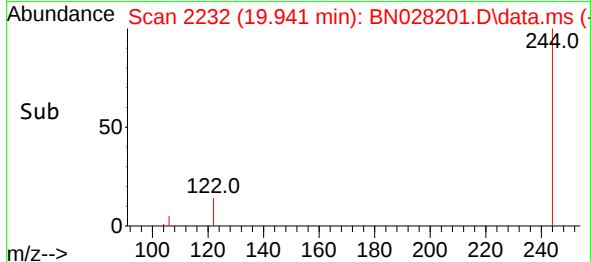
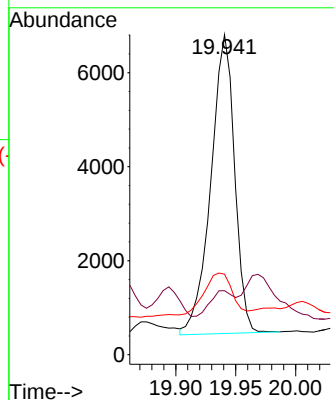
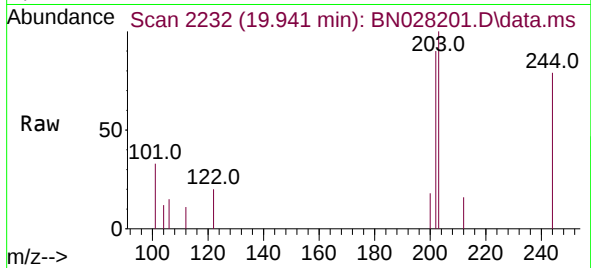




#31  
 Terphenyl-d14  
 Concen: 0.223 ng  
 RT: 19.941 min Scan# 21  
 Delta R.T. -0.001 min  
 Lab File: BN028201.D  
 Acq: 10 Oct 2023 17:27

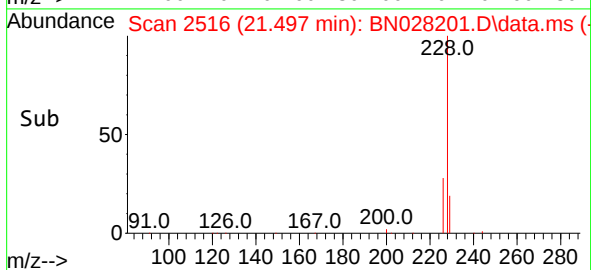
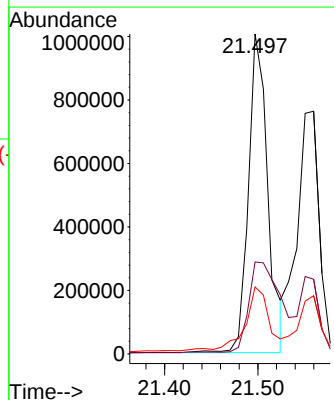
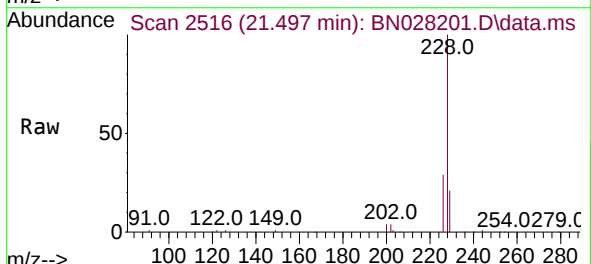
Instrument :  
 BNA\_N  
 ClientSampleId :  
 W-2(0-2IN)MS

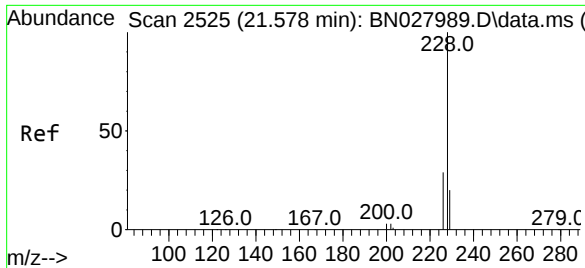
Tgt Ion:244 Resp: 8770  
 Ion Ratio Lower Upper  
 244 100  
 212 20.0 6.6 9.8#  
 122 25.2 11.4 17.0#



#32  
 Benzo(a)anthracene  
 Concen: 25.297 ng  
 RT: 21.497 min Scan# 2516  
 Delta R.T. -0.001 min  
 Lab File: BN028201.D  
 Acq: 10 Oct 2023 17:27

Tgt Ion:228 Resp: 1448143  
 Ion Ratio Lower Upper  
 228 100  
 226 28.7 22.0 33.0  
 229 21.0 16.0 24.0





#33

Chrysene

Concen: 22.992 ng

RT: 21.560 min Scan# 21

Delta R.T. 0.008 min

Lab File: BN028201.D

Acq: 10 Oct 2023 17:27

Instrument :

BNA\_N

ClientSampleId :

W-2(0-2IN)MS

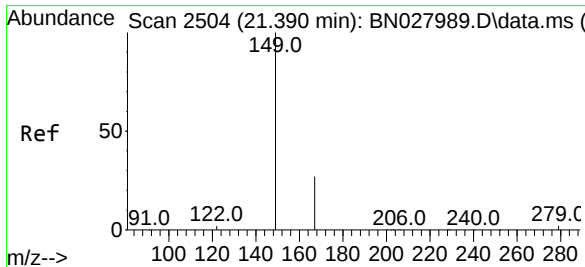
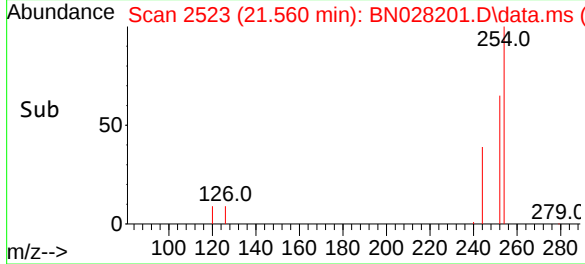
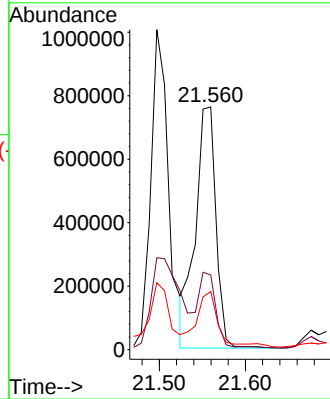
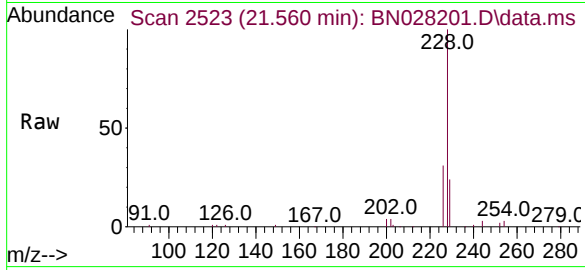
Tgt Ion:228 Resp: 1268394

Ion Ratio Lower Upper

228 100

226 30.8 23.8 35.8

229 24.0 16.6 25.0



#34

Bis(2-ethylhexyl)phthalate

Concen: 1.966 ng

RT: 21.372 min Scan# 2502

Delta R.T. 0.008 min

Lab File: BN028201.D

Acq: 10 Oct 2023 17:27

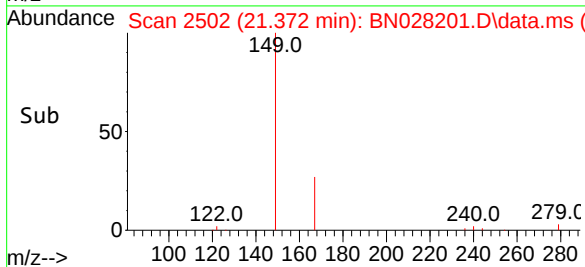
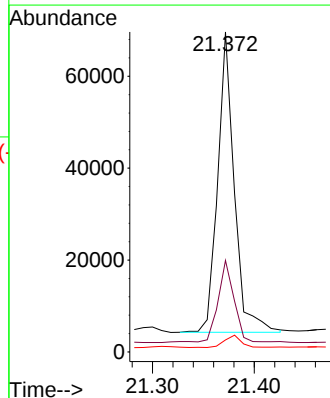
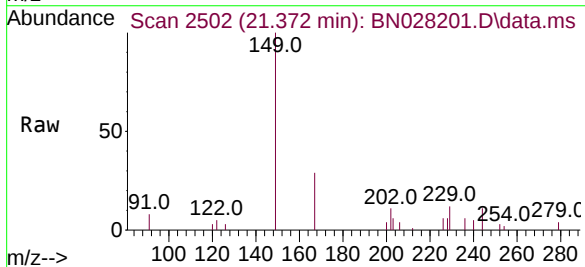
Tgt Ion:149 Resp: 74018

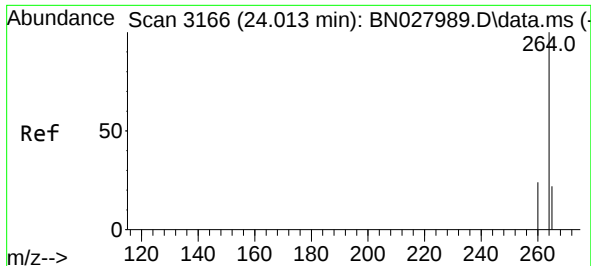
Ion Ratio Lower Upper

149 100

167 26.8 22.1 33.1

279 4.0 3.4 5.0

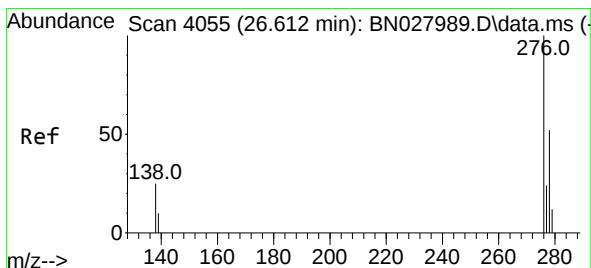
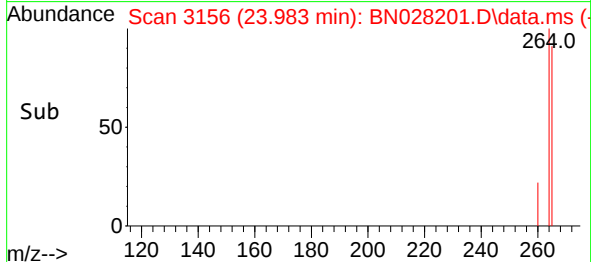
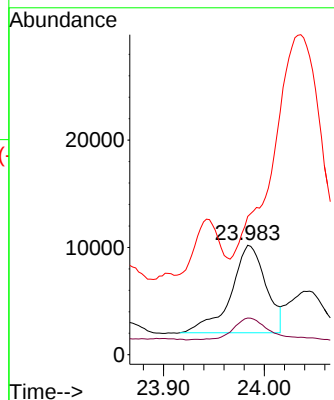
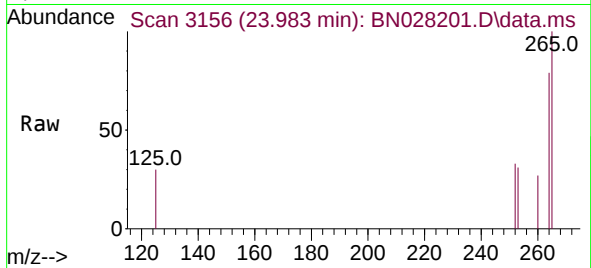




#35  
Perylene-d12  
Concen: 0.400 ng  
RT: 23.983 min Scan# 3166  
Delta R.T. 0.008 min  
Lab File: BN028201.D  
Acq: 10 Oct 2023 17:27

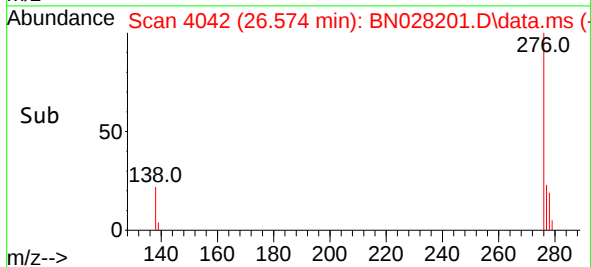
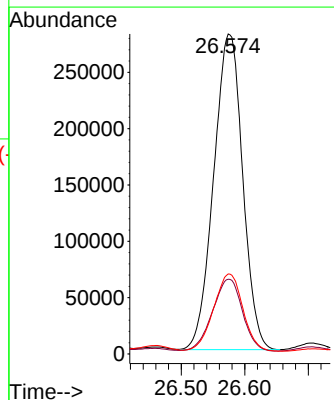
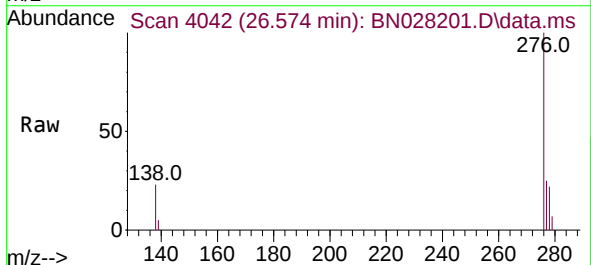
Instrument :  
BNA\_N  
ClientSampleId :  
W-2(0-2IN)MS

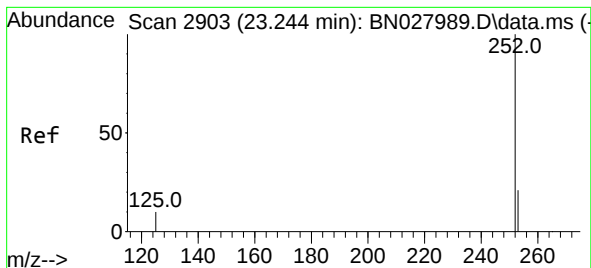
Tgt Ion:264 Resp: 19748  
Ion Ratio Lower Upper  
264 100  
260 33.5 20.2 30.4#  
265 126.2 54.8 82.2#



#36  
Indeno(1,2,3-cd)pyrene  
Concen: 13.373 ng  
RT: 26.574 min Scan# 4042  
Delta R.T. 0.017 min  
Lab File: BN028201.D  
Acq: 10 Oct 2023 17:27

Tgt Ion:276 Resp: 888282  
Ion Ratio Lower Upper  
276 100  
138 23.5 20.9 31.3  
277 24.8 19.8 29.6





#37

Benzo(b)fluoranthene

Concen: 24.848 ng

RT: 23.223 min Scan# 21

Delta R.T. 0.011 min

Lab File: BN028201.D

Acq: 10 Oct 2023 17:27

Instrument :

BNA\_N

ClientSampleId :

W-2(0-2IN)MS

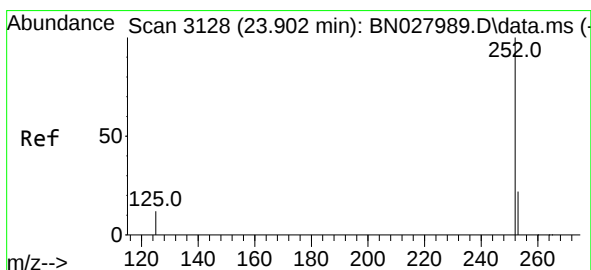
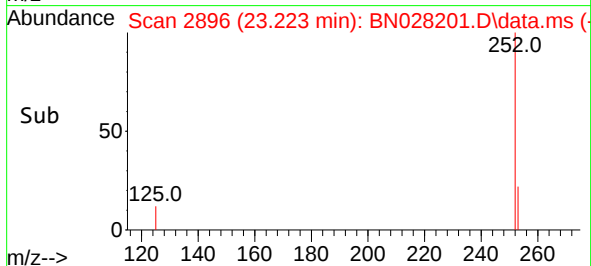
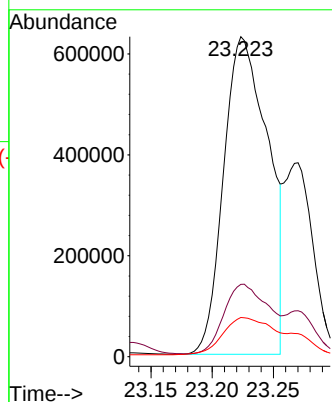
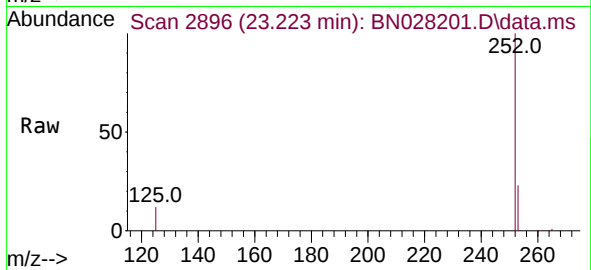
Tgt Ion:252 Resp: 1584801

Ion Ratio Lower Upper

252 100

253 22.6 22.9 34.3#

125 12.2 13.8 20.8#



#39

Benzo(a)pyrene

Concen: 5.157 ng

RT: 24.039 min Scan# 3175

Delta R.T. 0.175 min

Lab File: BN028201.D

Acq: 10 Oct 2023 17:27

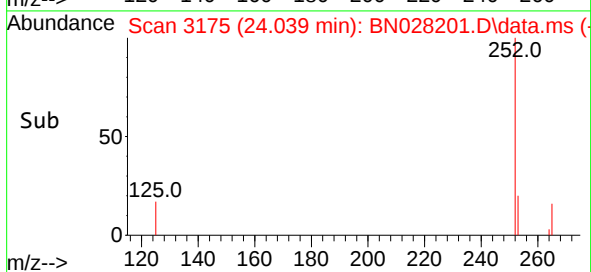
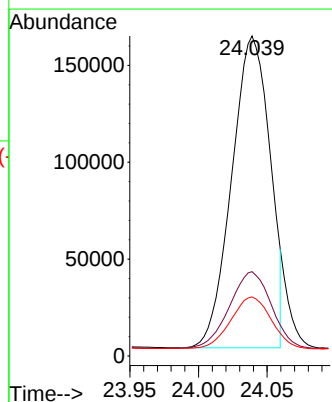
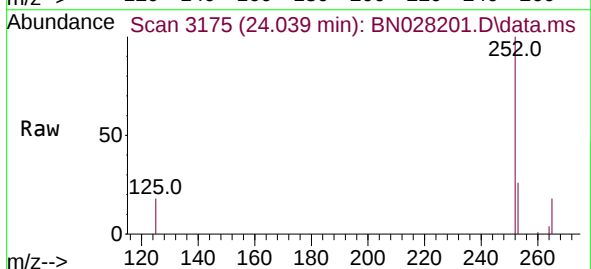
Tgt Ion:252 Resp: 311021

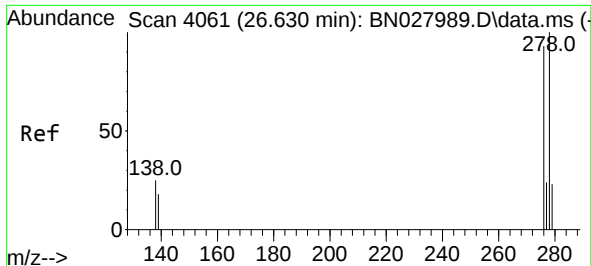
Ion Ratio Lower Upper

252 100

253 26.4 25.0 37.4

125 18.4 16.6 24.8

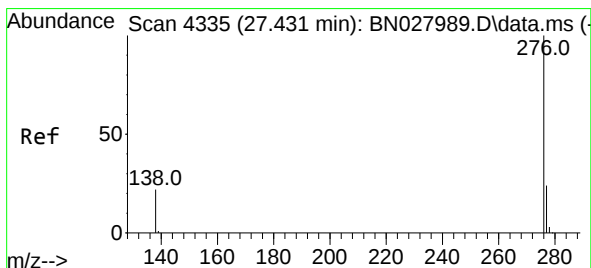
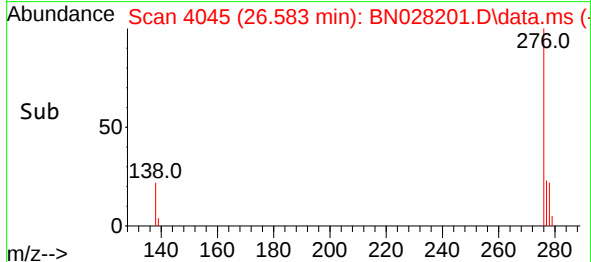
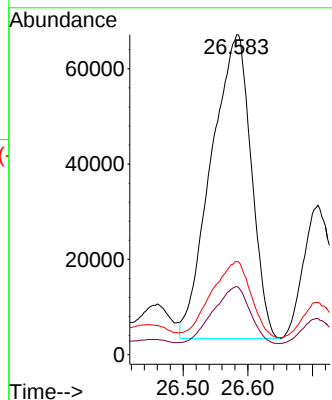
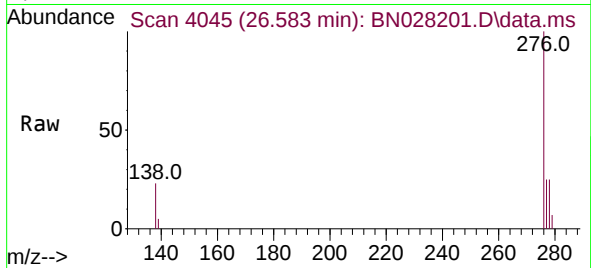




#40  
Dibenzo(a,h)anthracene  
Concen: 5.041 ng  
RT: 26.583 min Scan# 4061  
Delta R.T. 0.005 min  
Lab File: BN028201.D  
Acq: 10 Oct 2023 17:27

Instrument :  
BNA\_N  
ClientSampleId :  
W-2(0-2IN)MS

Tgt Ion:278 Resp: 273926  
Ion Ratio Lower Upper  
278 100  
139 21.3 17.7 26.5  
279 29.1 25.2 37.8



#41  
Benzo(g,h,i)perylene  
Concen: 16.867 ng  
RT: 27.395 min Scan# 4323  
Delta R.T. 0.029 min  
Lab File: BN028201.D  
Acq: 10 Oct 2023 17:27

Tgt Ion:276 Resp: 940759  
Ion Ratio Lower Upper  
276 100  
277 24.6 22.1 33.1  
138 23.9 20.8 31.2

