

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN100923\  
 Data File : BN028191.D  
 Acq On : 10 Oct 2023 10:26  
 Operator : MA/JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 36 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :

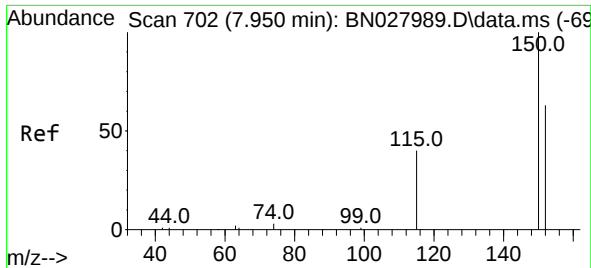
Quant Time: Oct 10 11:04:31 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN100223.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Oct 10 00:42:22 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.922  | 152  | 4146     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.735 | 136  | 12252    | 0.400 | ng    | 0.00     |
| 13) Acenaphthene-d10          | 14.566 | 164  | 6265     | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.319 | 188  | 12382    | 0.400 | ng    | 0.00     |
| 29) Chrysene-d12              | 21.515 | 240  | 11293    | 0.400 | ng    | 0.00     |
| 35) Perylene-d12              | 23.975 | 264  | 13128    | 0.400 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.459  | 112  | 4728     | 0.382 | ng    | 0.00     |
| 5) Phenol-d6                  | 7.084  | 99   | 5679     | 0.364 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 9.123  | 82   | 4117     | 0.395 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 12.321 | 152  | 6640     | 0.366 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 16.065 | 330  | 958      | 0.334 | ng    | -0.01    |
| 15) 2-Fluorobiphenyl          | 13.187 | 172  | 8828     | 0.391 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.351 | 212  | 12867    | 0.414 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.941 | 244  | 10071    | 0.382 | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       |          |
|                               |        |      |          |       |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.357  | 88   | 2001     | 0.430 | ng    | 97       |
| 3) n-Nitrosodimethylamine     | 3.711  | 42   | 2175     | 0.408 | ng    | 94       |
| 6) bis(2-Chloroethyl)ether    | 7.366  | 93   | 4658     | 0.371 | ng    | 97       |
| 9) Naphthalene                | 10.789 | 128  | 12577    | 0.397 | ng    | 100      |
| 10) Hexachlorobutadiene       | 11.002 | 225  | 2164     | 0.385 | ng    | # 99     |
| 12) 2-Methylnaphthalene       | 12.396 | 142  | 8262     | 0.373 | ng    | 99       |
| 16) Acenaphthylene            | 14.288 | 152  | 25128    | 0.905 | ng    | 99       |
| 17) Acenaphthene              | 14.630 | 154  | 9055     | 0.512 | ng    | 97       |
| 18) Fluorene                  | 15.606 | 166  | 11770    | 0.512 | ng    | 95       |
| 20) 4,6-Dinitro-2-methylph... | 16.773 | 198  | 59       | 0.358 | ng    | 92       |
| 21) 4-Bromophenyl-phenylether | 16.499 | 248  | 2510     | 0.389 | ng    | 95       |
| 22) Hexachlorobenzene         | 16.586 | 284  | 2791     | 0.412 | ng    | 99       |
| 23) Atrazine                  | 16.785 | 200  | 2009     | 0.356 | ng    | 93       |
| 24) Pentachlorophenol         | 16.971 | 266  | 776      | 0.243 | ng    | 95       |
| 25) Phenanthrene              | 17.368 | 178  | 19291    | 0.578 | ng    | 98       |
| 26) Anthracene                | 17.455 | 178  | 16443    | 0.521 | ng    | 98       |
| 28) Fluoranthene              | 19.384 | 202  | 19340    | 0.502 | ng    | 100      |
| 30) Pyrene                    | 19.751 | 202  | 20611    | 0.498 | ng    | 97       |
| 32) Benzo(a)anthracene        | 21.498 | 228  | 17644    | 0.459 | ng    | # 89     |
| 33) Chrysene                  | 21.551 | 228  | 16330    | 0.441 | ng    | # 90     |
| 34) Bis(2-ethylhexyl)phtha... | 21.372 | 149  | 11631    | 0.460 | ng    | 98       |
| 36) Indeno(1,2,3-cd)pyrene    | 26.557 | 276  | 20378    | 0.461 | ng    | 98       |
| 37) Benzo(b)fluoranthene      | 23.209 | 252  | 16272    | 0.384 | ng    | # 85     |
| 38) Benzo(k)fluoranthene      | 23.262 | 252  | 16623    | 0.387 | ng    | # 86     |
| 39) Benzo(a)pyrene            | 23.864 | 252  | 16478    | 0.411 | ng    | # 87     |
| 40) Dibenzo(a,h)anthracene    | 26.571 | 278  | 15904    | 0.440 | ng    | # 93     |
| 41) Benzo(g,h,i)perylene      | 27.367 | 276  | 17079    | 0.461 | ng    | # 90     |
| -----                         |        |      |          |       |       |          |

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

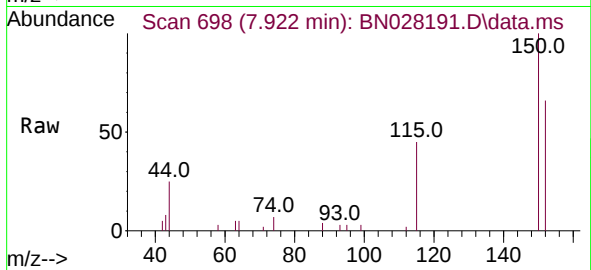
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue Oct 10 00:42:22 2023  
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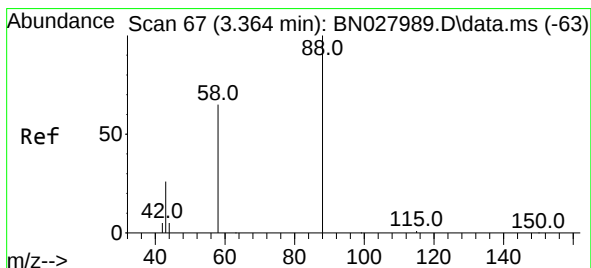
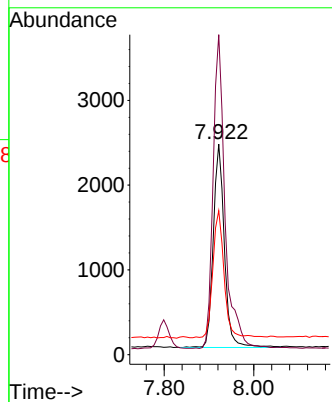
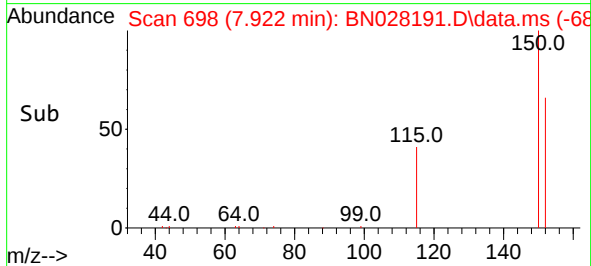


#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 7.922 min Scan# 61  
 Delta R.T. -0.000 min  
 Lab File: BN028191.D  
 Acq: 10 Oct 2023 10:26

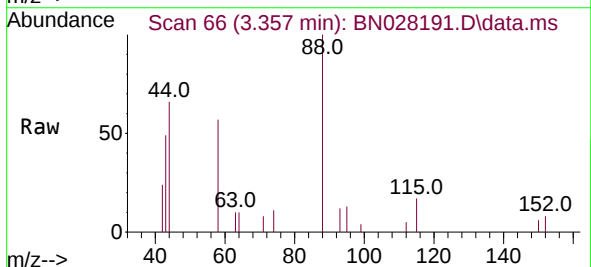
Instrument :  
 BNA\_N  
 ClientSampleId :



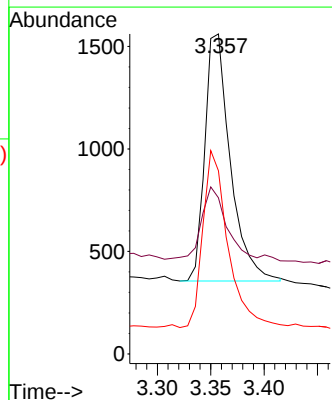
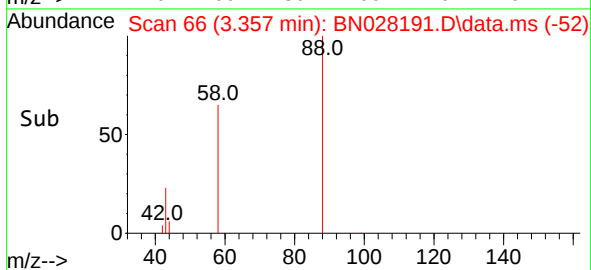
Tgt Ion:152 Resp: 4146  
 Ion Ratio Lower Upper  
 152 100  
 150 151.9 125.6 188.4  
 115 68.4 54.8 82.2



#2  
 1,4-Dioxane  
 Concen: 0.430 ng  
 RT: 3.357 min Scan# 66  
 Delta R.T. 0.000 min  
 Lab File: BN028191.D  
 Acq: 10 Oct 2023 10:26



Tgt Ion: 88 Resp: 2001  
 Ion Ratio Lower Upper  
 88 100  
 43 31.1 24.6 36.8  
 58 70.2 53.8 80.6

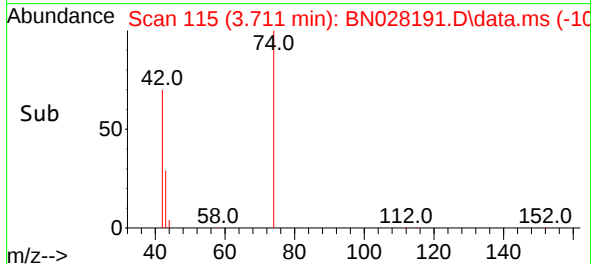
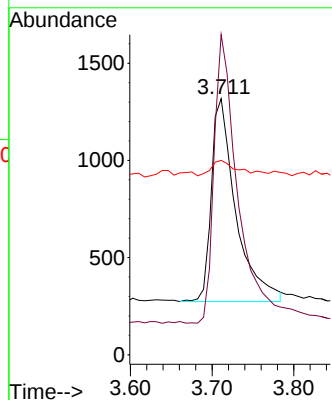
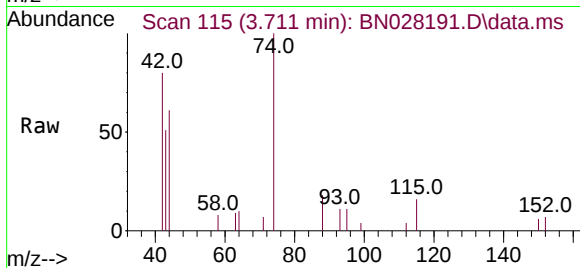




#3  
n-Nitrosodimethylamine  
Concen: 0.408 ng  
RT: 3.711 min Scan# 116  
Delta R.T. -0.000 min  
Lab File: BN028191.D  
Acq: 10 Oct 2023 10:26

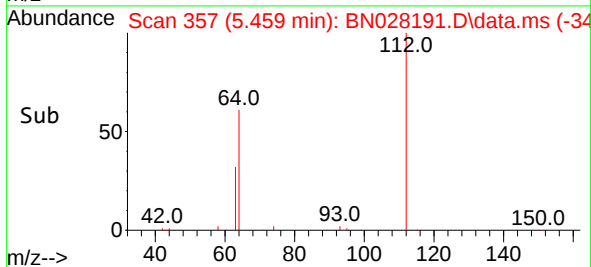
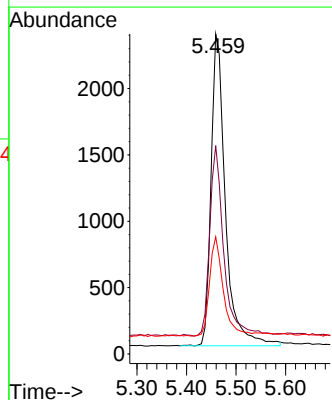
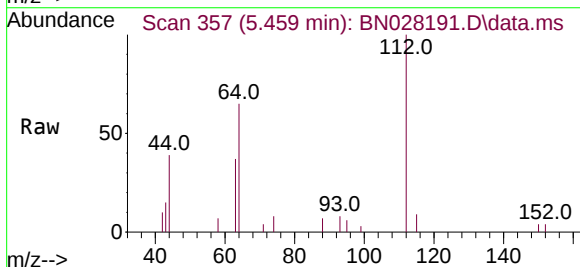
Instrument :  
BNA\_N  
ClientSampleId :

Tgt Ion: 42 Resp: 2175  
Ion Ratio Lower Upper  
42 100  
74 137.9 115.9 173.9  
44 8.3 8.0 12.0



#4  
2-Fluorophenol  
Concen: 0.382 ng  
RT: 5.459 min Scan# 357  
Delta R.T. -0.007 min  
Lab File: BN028191.D  
Acq: 10 Oct 2023 10:26

Tgt Ion: 112 Resp: 4728  
Ion Ratio Lower Upper  
112 100  
64 59.9 45.0 67.6  
63 30.2 23.4 35.0

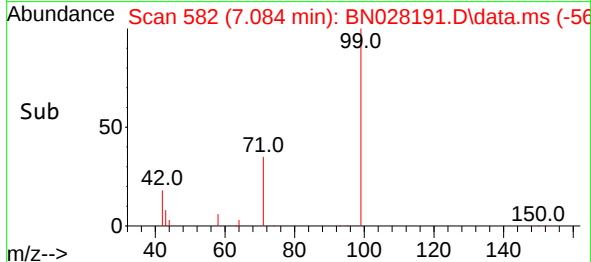
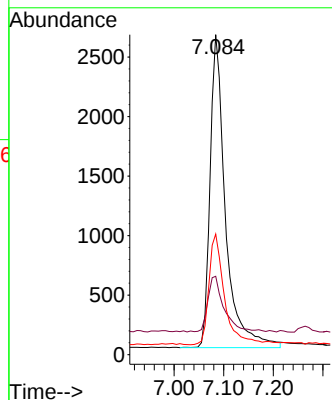
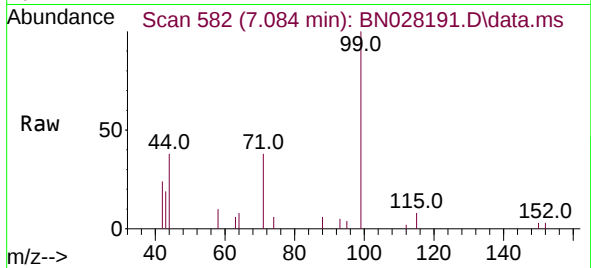




#5  
Phenol-d6  
Concen: 0.364 ng  
RT: 7.084 min Scan# 51  
Delta R.T. -0.007 min  
Lab File: BN028191.D  
Acq: 10 Oct 2023 10:26

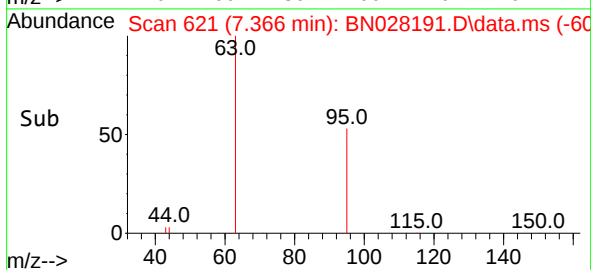
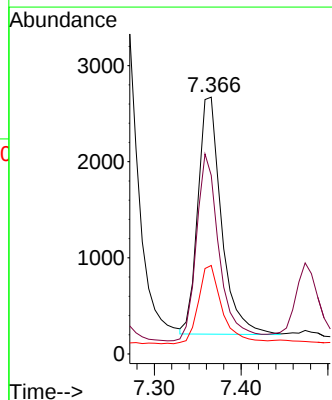
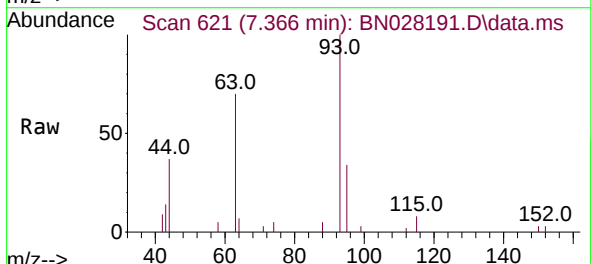
Instrument :  
BNA\_N  
ClientSampleId :

Tgt Ion: 99 Resp: 5679  
Ion Ratio Lower Upper  
99 100  
42 18.3 14.6 22.0  
71 36.4 28.3 42.5



#6  
bis(2-Chloroethyl)ether  
Concen: 0.371 ng  
RT: 7.366 min Scan# 621  
Delta R.T. 0.000 min  
Lab File: BN028191.D  
Acq: 10 Oct 2023 10:26

Tgt Ion: 93 Resp: 4658  
Ion Ratio Lower Upper  
93 100  
63 76.7 58.8 88.2  
95 33.6 26.6 39.8

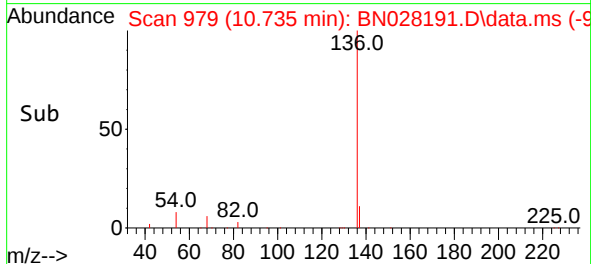
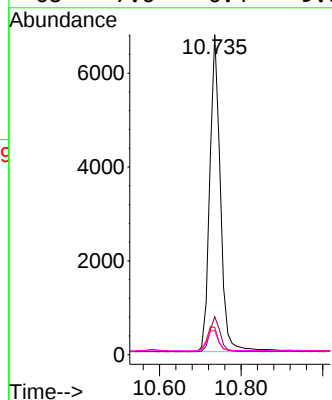
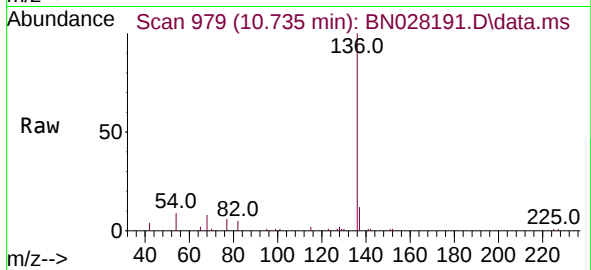




#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.735 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: BN028191.D  
Acq: 10 Oct 2023 10:26

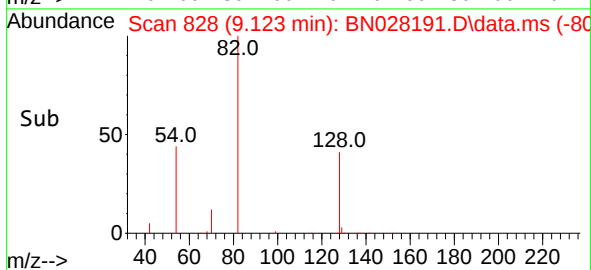
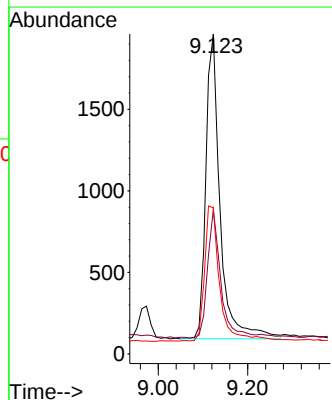
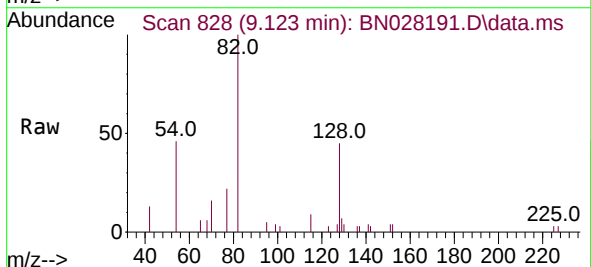
Instrument :  
BNA\_N  
ClientSampleId :

Tgt Ion:136 Resp: 12252  
Ion Ratio Lower Upper  
136 100  
137 11.8 9.4 14.0  
54 8.5 7.0 10.6  
68 7.6 6.4 9.6



#8  
Nitrobenzene-d5  
Concen: 0.395 ng  
RT: 9.123 min Scan# 828  
Delta R.T. -0.000 min  
Lab File: BN028191.D  
Acq: 10 Oct 2023 10:26

Tgt Ion: 82 Resp: 4117  
Ion Ratio Lower Upper  
82 100  
128 45.2 32.7 49.1  
54 45.7 38.7 58.1

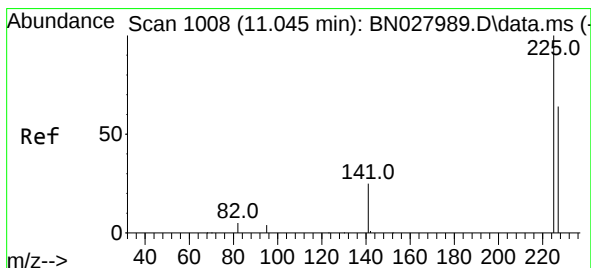
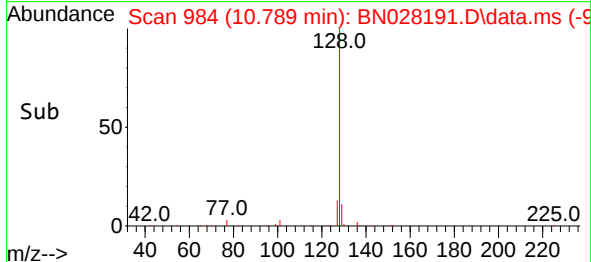
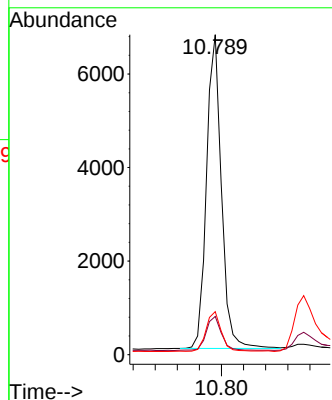
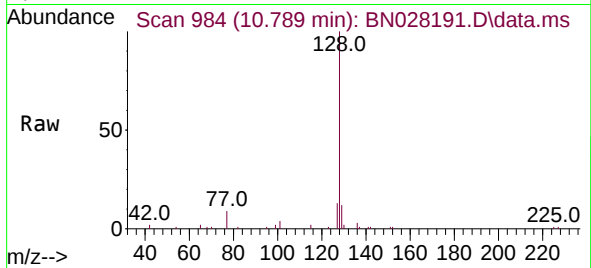




#9  
Naphthalene  
Concen: 0.397 ng  
RT: 10.789 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: BN028191.D  
Acq: 10 Oct 2023 10:26

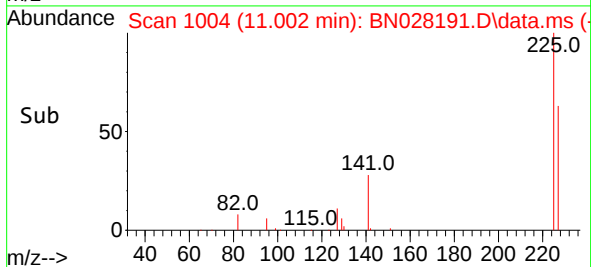
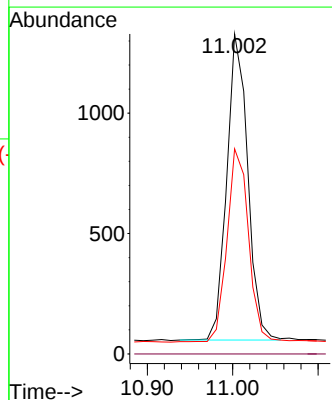
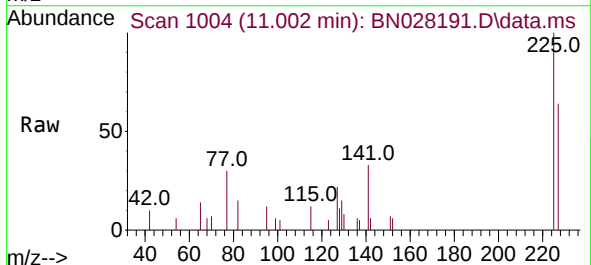
Instrument :  
BNA\_N  
ClientSampleId :

Tgt Ion:128 Resp: 12577  
Ion Ratio Lower Upper  
128 100  
129 12.0 9.4 14.2  
127 13.4 10.9 16.3



#10  
Hexachlorobutadiene  
Concen: 0.385 ng  
RT: 11.002 min Scan# 1004  
Delta R.T. -0.011 min  
Lab File: BN028191.D  
Acq: 10 Oct 2023 10:26

Tgt Ion:225 Resp: 2164  
Ion Ratio Lower Upper  
225 100  
223 0.0 0.0 0.0  
227 64.6 51.3 76.9





#11

2-Methylnaphthalene-d10

Concen: 0.366 ng

RT: 12.321 min Scan# 11

Delta R.T. -0.004 min

Lab File: BN028191.D

Acq: 10 Oct 2023 10:26

Instrument :

BNA\_N

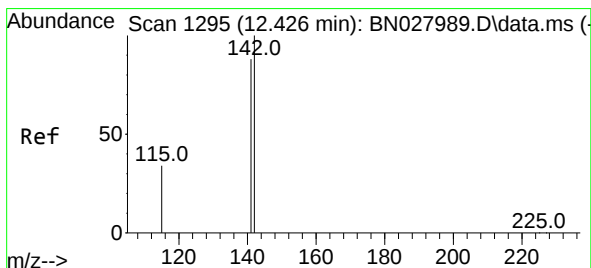
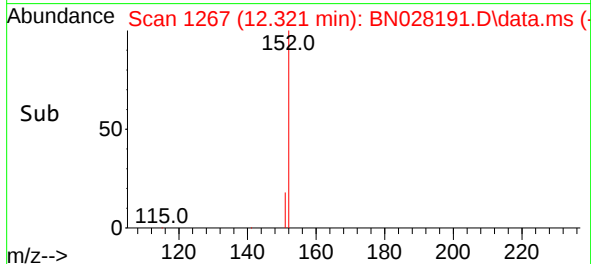
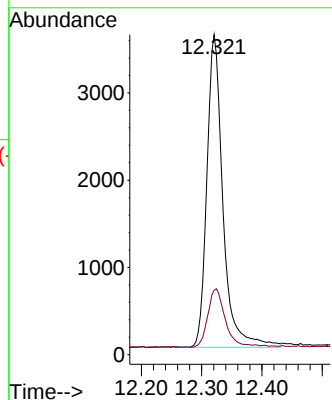
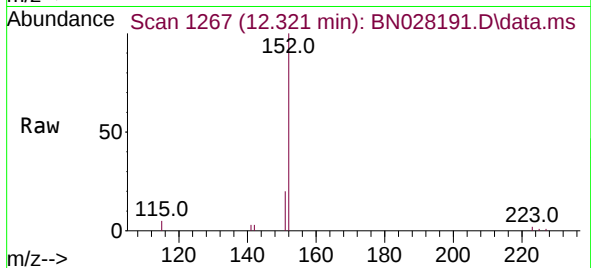
ClientSampleId :

Tgt Ion:152 Resp: 6640

Ion Ratio Lower Upper

152 100

151 20.4 16.5 24.7



#12

2-Methylnaphthalene

Concen: 0.373 ng

RT: 12.396 min Scan# 1287

Delta R.T. -0.004 min

Lab File: BN028191.D

Acq: 10 Oct 2023 10:26

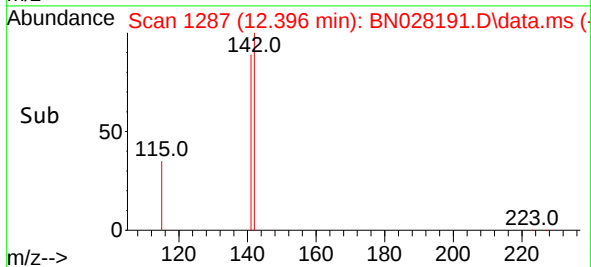
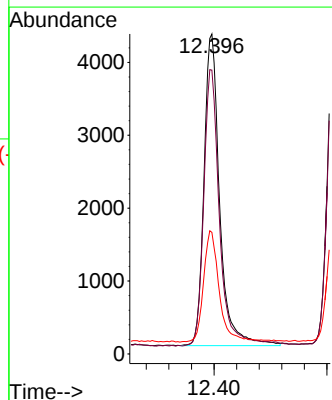
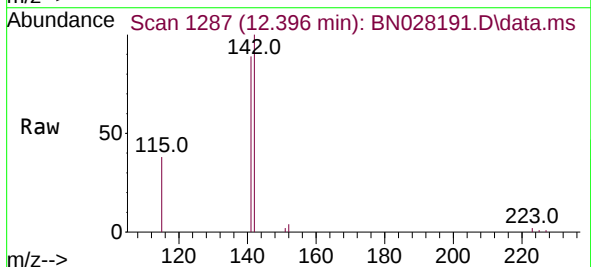
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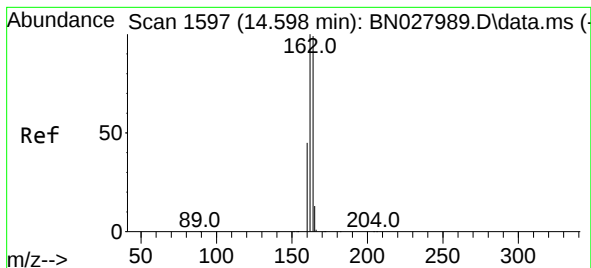
Ion Ratio Lower Upper

142 100

141 88.7 70.7 106.1

115 38.0 28.6 42.8





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.566 min Scan# 1594

Delta R.T. 0.000 min

Lab File: BN028191.D

Acq: 10 Oct 2023 10:26

Instrument :

BNA\_N

ClientSampleId :

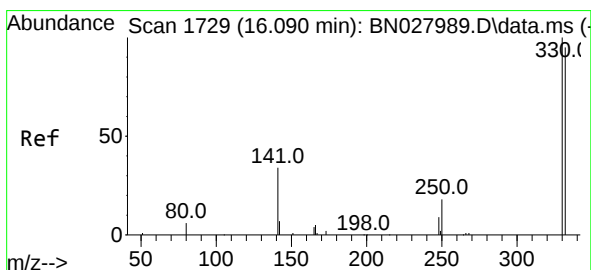
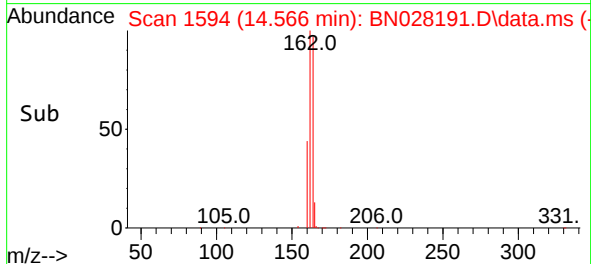
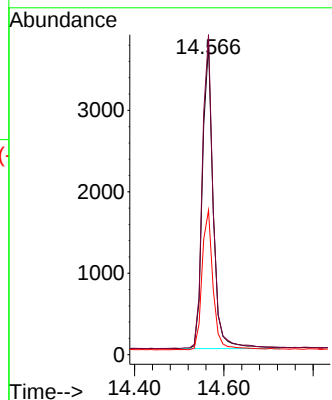
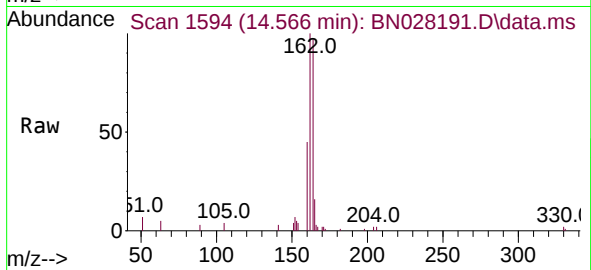
Tgt Ion:164 Resp: 6265

Ion Ratio Lower Upper

164 100

162 103.2 80.8 121.2

160 46.6 36.4 54.6



#14

2,4,6-Tribromophenol

Concen: 0.334 ng

RT: 16.065 min Scan# 1727

Delta R.T. -0.012 min

Lab File: BN028191.D

Acq: 10 Oct 2023 10:26

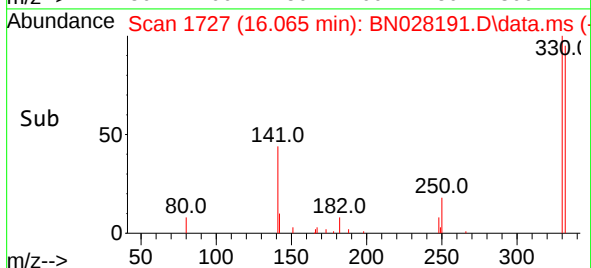
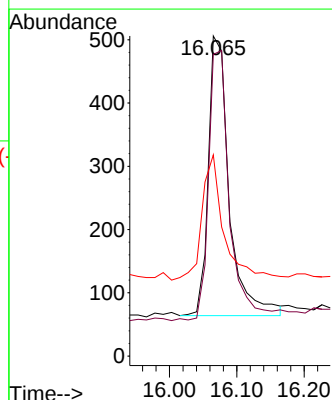
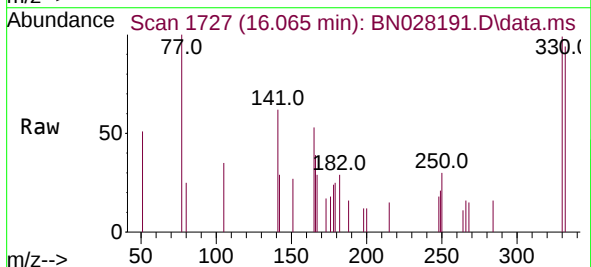
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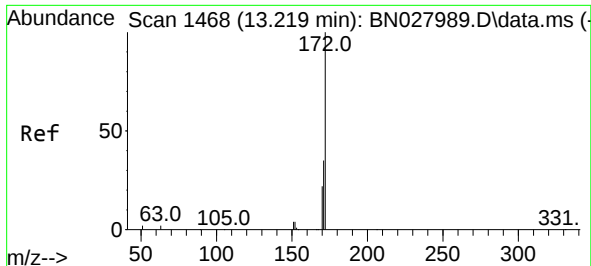
Ion Ratio Lower Upper

330 100

332 99.3 78.1 117.1

141 47.3 33.4 50.2

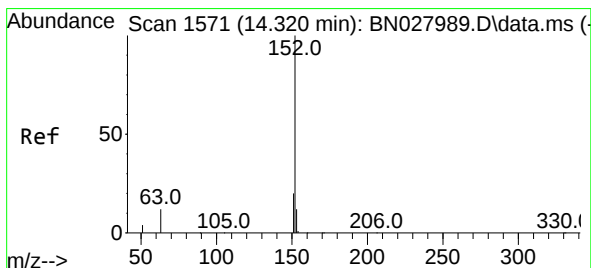
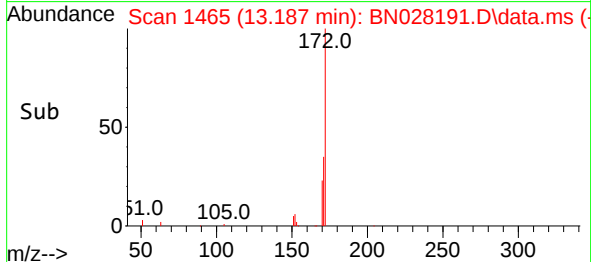
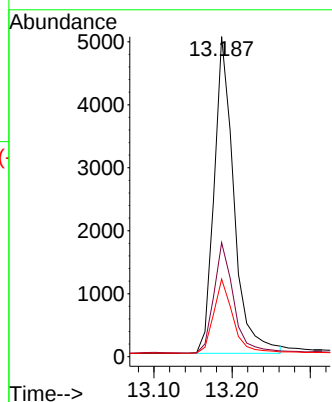
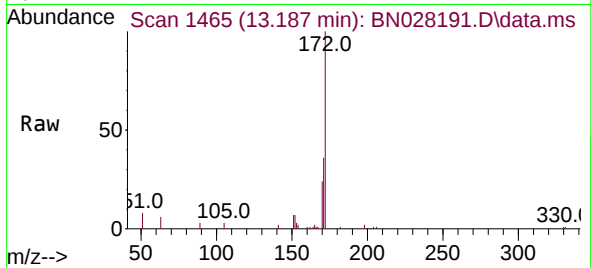




#15  
2-Fluorobiphenyl  
Concen: 0.391 ng  
RT: 13.187 min Scan# 1468  
Delta R.T. 0.000 min  
Lab File: BN028191.D  
Acq: 10 Oct 2023 10:26

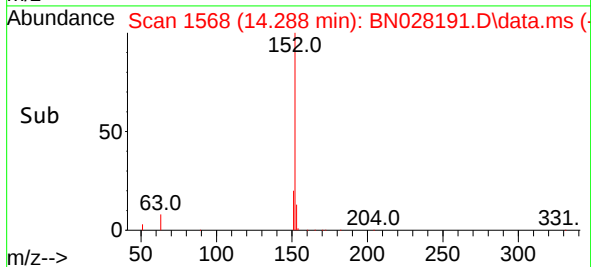
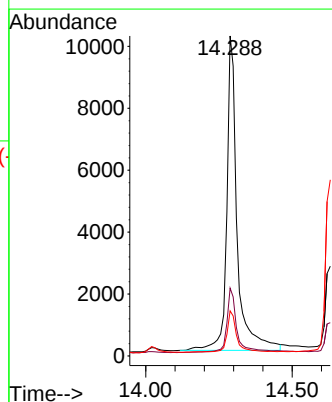
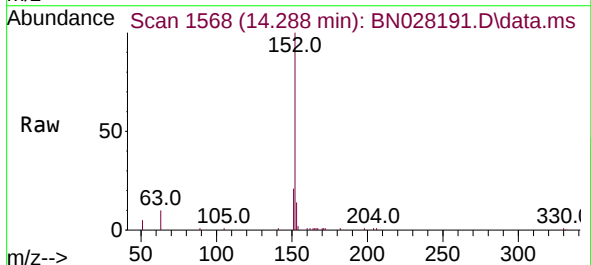
Instrument :  
BNA\_N  
ClientSampleId :

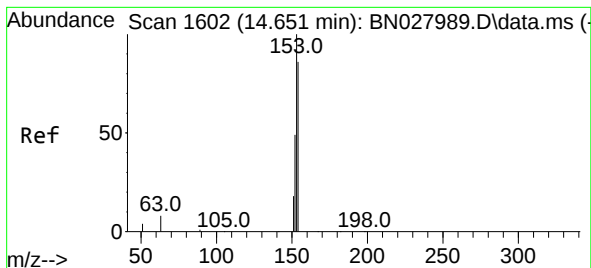
Tgt Ion:172 Resp: 8828  
Ion Ratio Lower Upper  
172 100  
171 35.7 28.1 42.1  
170 24.2 18.4 27.6



#16  
Acenaphthylene  
Concen: 0.905 ng  
RT: 14.288 min Scan# 1568  
Delta R.T. -0.011 min  
Lab File: BN028191.D  
Acq: 10 Oct 2023 10:26

Tgt Ion:152 Resp: 25128  
Ion Ratio Lower Upper  
152 100  
151 19.8 15.8 23.6  
153 12.0 10.2 15.4





#17

Acenaphthene

Concen: 0.512 ng

RT: 14.630 min Scan# 1600

Delta R.T. 0.000 min

Lab File: BN028191.D

Acq: 10 Oct 2023 10:26

Instrument :

BNA\_N

ClientSampleId :

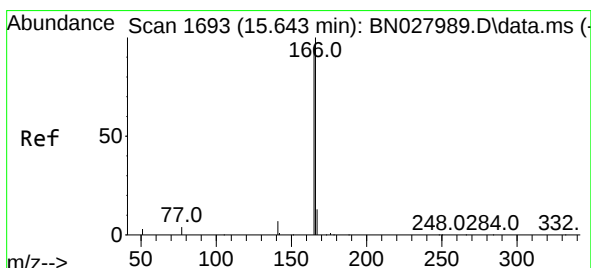
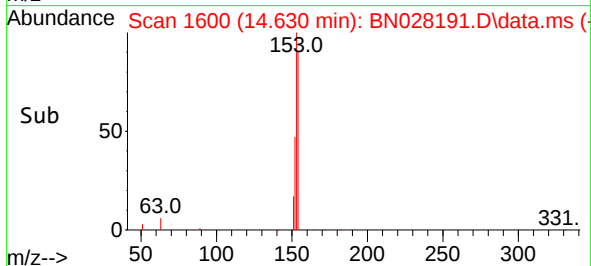
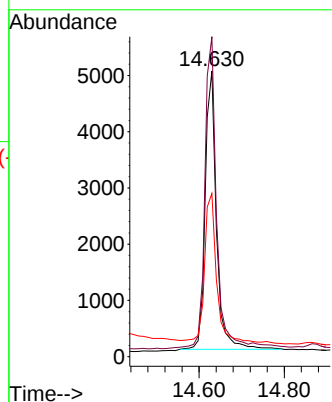
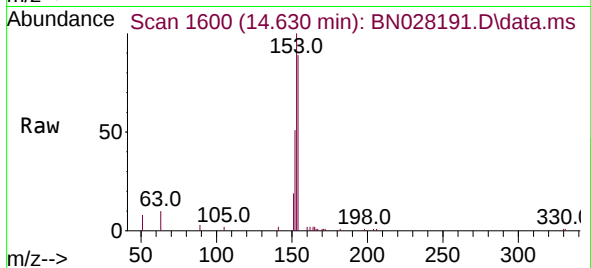
Tgt Ion:154 Resp: 9055

Ion Ratio Lower Upper

154 100

153 114.7 90.8 136.2

152 58.8 43.9 65.9



#18

Fluorene

Concen: 0.512 ng

RT: 15.606 min Scan# 1690

Delta R.T. -0.012 min

Lab File: BN028191.D

Acq: 10 Oct 2023 10:26

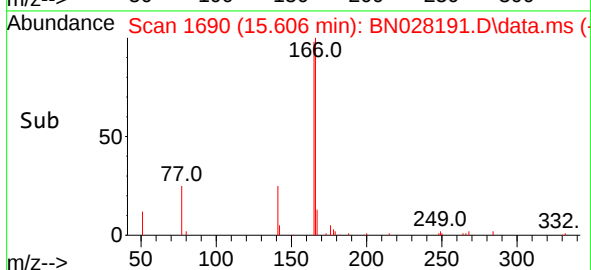
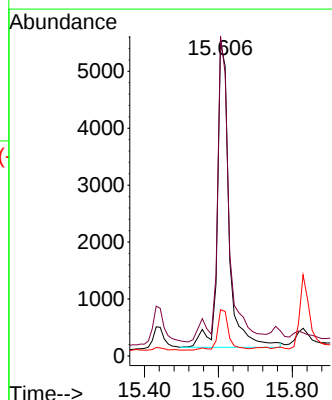
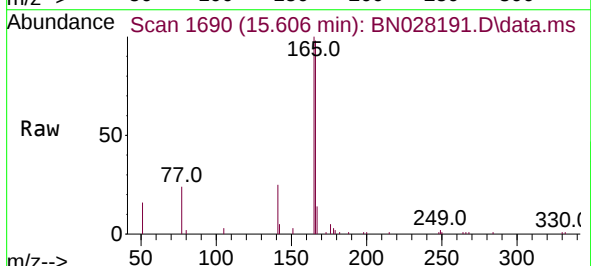
Tgt Ion:166 Resp: 11770

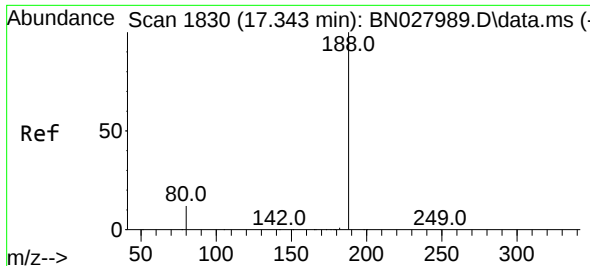
Ion Ratio Lower Upper

166 100

165 102.8 77.8 116.8

167 12.9 10.7 16.1





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.319 min Scan# 1828

Delta R.T. 0.000 min

Lab File: BN028191.D

Acq: 10 Oct 2023 10:26

Instrument :

BNA\_N

ClientSampleId :

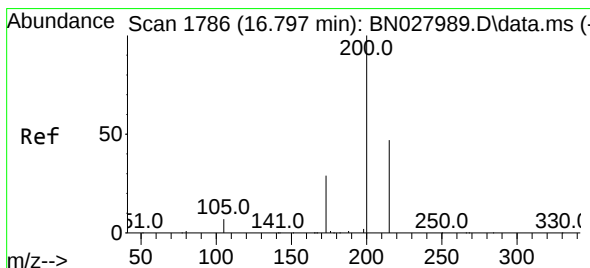
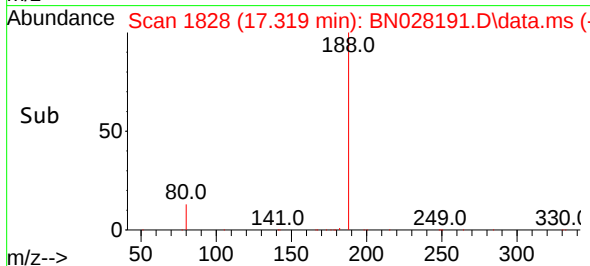
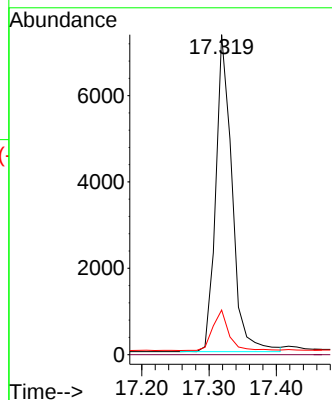
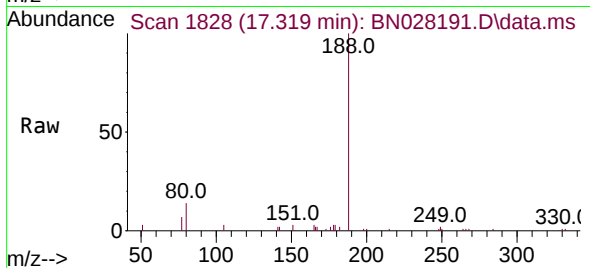
Tgt Ion:188 Resp: 12382

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 14.0 10.2 15.4



#20

4,6-Dinitro-2-methylphenol

Concen: 0.358 ng

RT: 16.773 min Scan# 1784

Delta R.T. -0.012 min

Lab File: BN028191.D

Acq: 10 Oct 2023 10:26

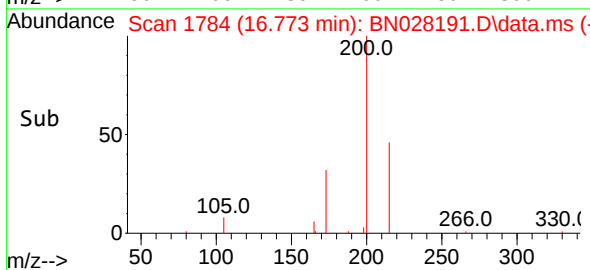
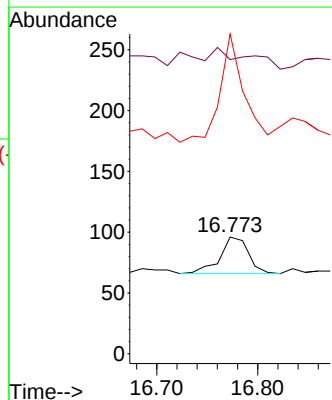
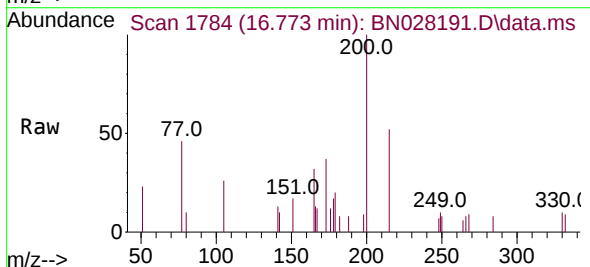
Tgt Ion:198 Resp: 59

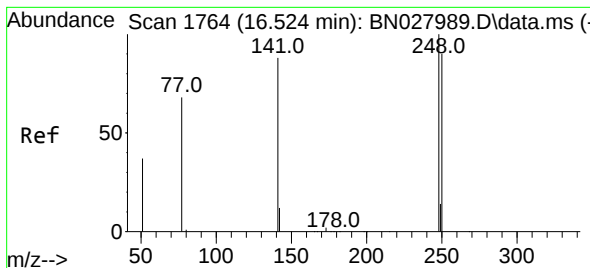
Ion Ratio Lower Upper

198 100

51 252.1 180.7 271.1

105 274.0 222.2 333.2

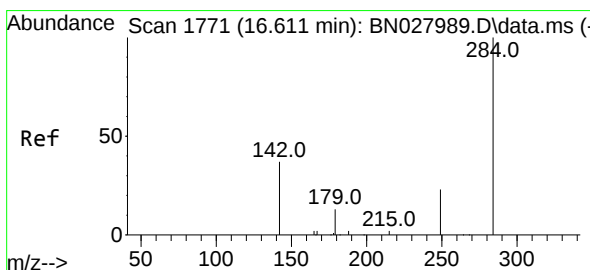
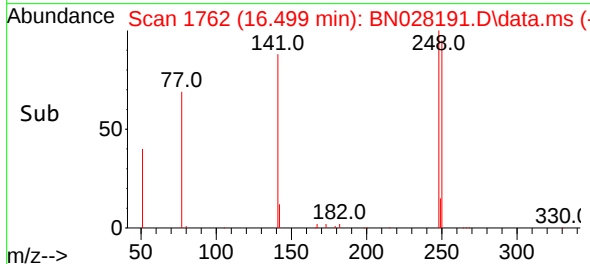
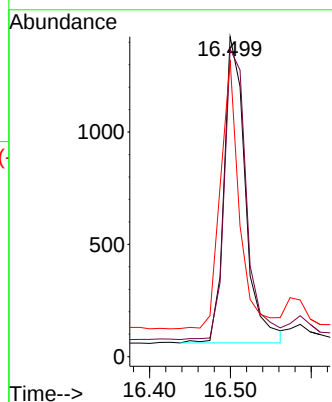
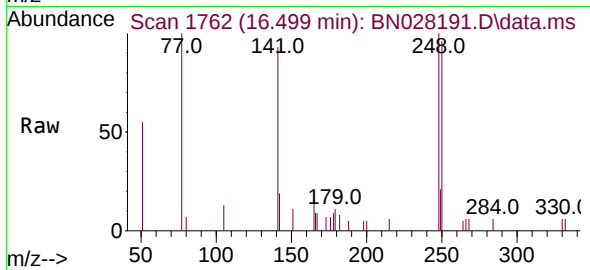




#21  
4-Bromophenyl-phenylether  
Concen: 0.389 ng  
RT: 16.499 min Scan# 1762  
Delta R.T. -0.012 min  
Lab File: BN028191.D  
Acq: 10 Oct 2023 10:26

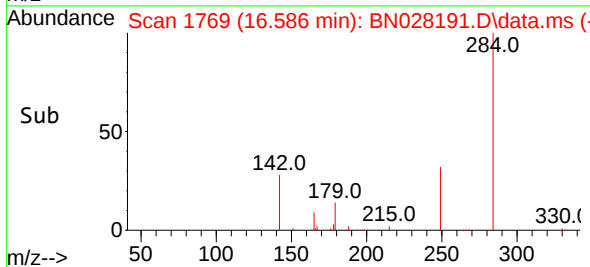
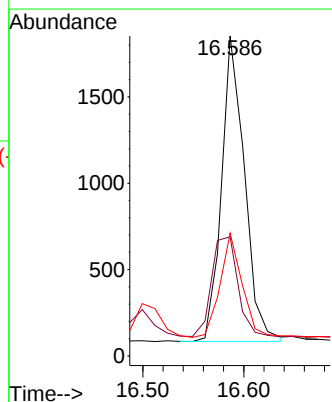
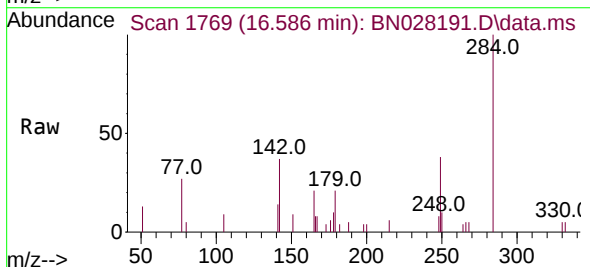
Instrument :  
BNA\_N  
ClientSampleId :

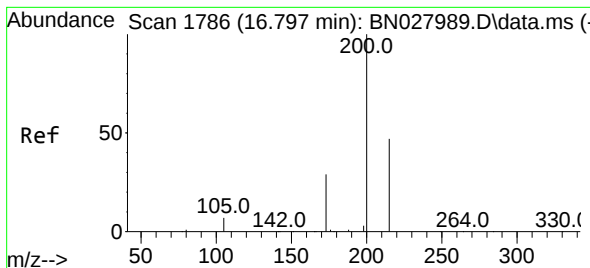
Tgt Ion:248 Resp: 2510  
Ion Ratio Lower Upper  
248 100  
250 96.1 72.3 108.5  
141 92.8 71.8 107.6



#22  
Hexachlorobenzene  
Concen: 0.412 ng  
RT: 16.586 min Scan# 1769  
Delta R.T. 0.000 min  
Lab File: BN028191.D  
Acq: 10 Oct 2023 10:26

Tgt Ion:284 Resp: 2791  
Ion Ratio Lower Upper  
284 100  
142 37.5 29.9 44.9  
249 32.8 25.0 37.4





#23

Atrazine

Concen: 0.356 ng

RT: 16.785 min Scan# 1

Delta R.T. 0.000 min

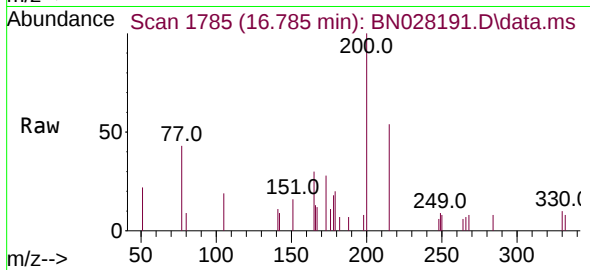
Lab File: BN028191.D

Acq: 10 Oct 2023 10:26

Instrument :

BNA\_N

ClientSampleId :



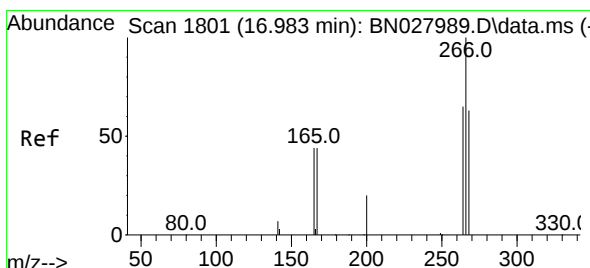
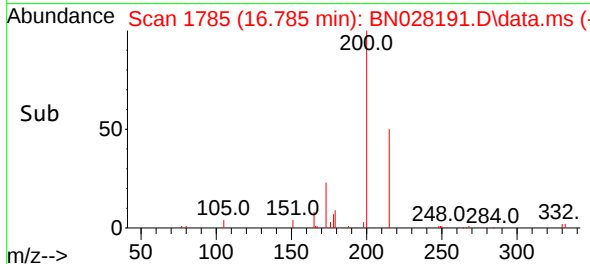
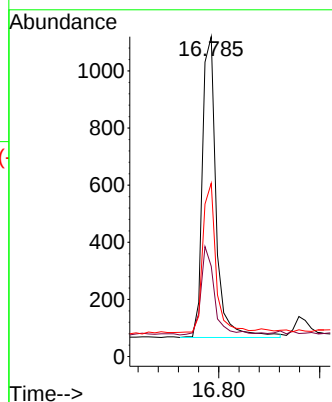
Tgt Ion:200 Resp: 2009

Ion Ratio Lower Upper

200 100

173 28.2 24.7 37.1

215 54.2 39.0 58.6



#24

Pentachlorophenol

Concen: 0.243 ng

RT: 16.971 min Scan# 1800

Delta R.T. 0.000 min

Lab File: BN028191.D

Acq: 10 Oct 2023 10:26

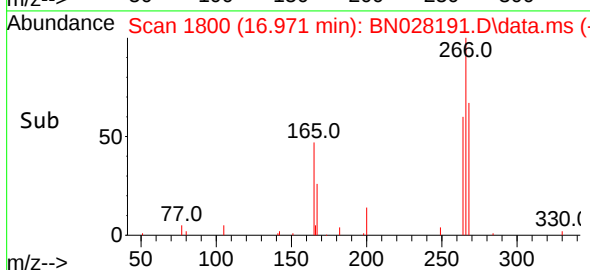
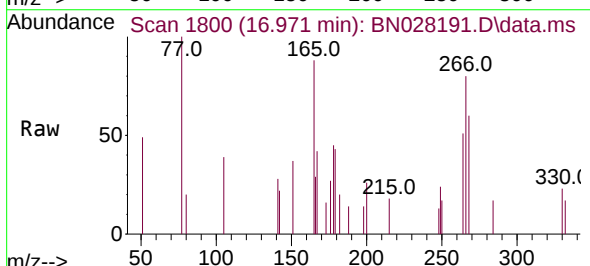
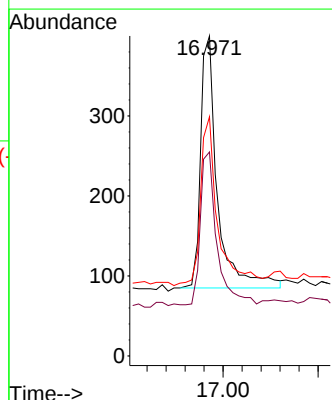
Tgt Ion:266 Resp: 776

Ion Ratio Lower Upper

266 100

264 59.0 52.7 79.1

268 69.1 56.2 84.2

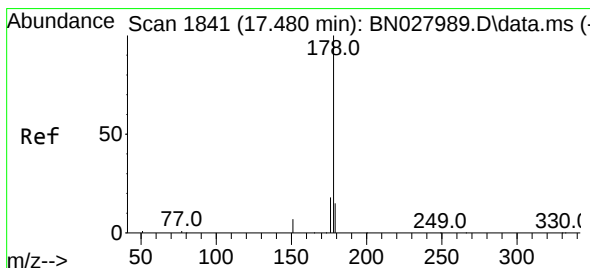
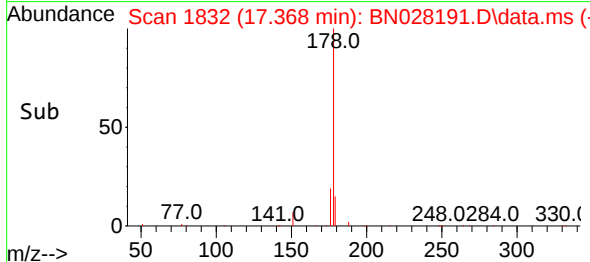
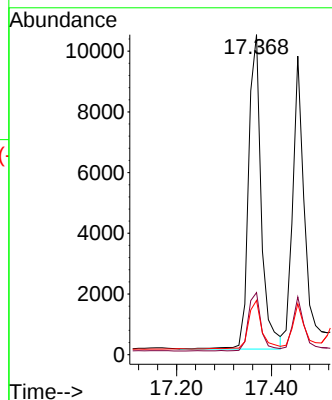
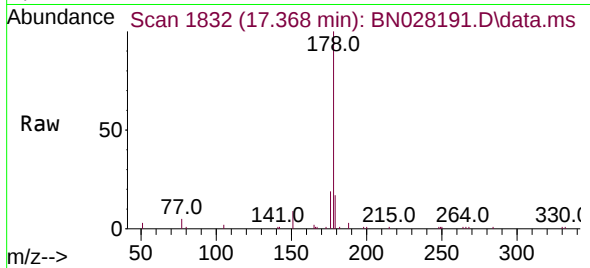




#25  
 Phenanthrene  
 Concen: 0.578 ng  
 RT: 17.368 min Scan# 1832  
 Delta R.T. 0.000 min  
 Lab File: BN028191.D  
 Acq: 10 Oct 2023 10:26

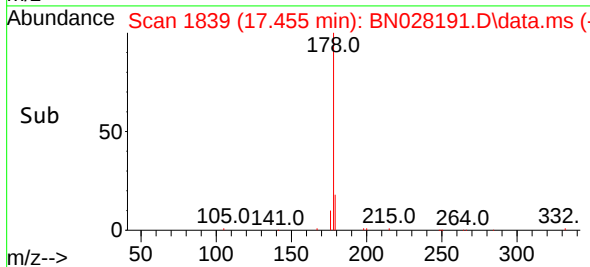
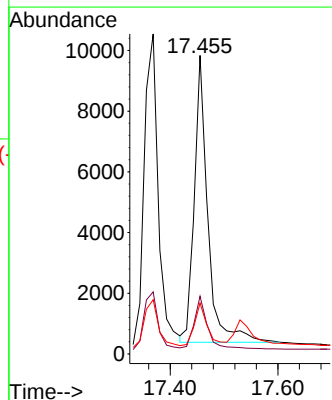
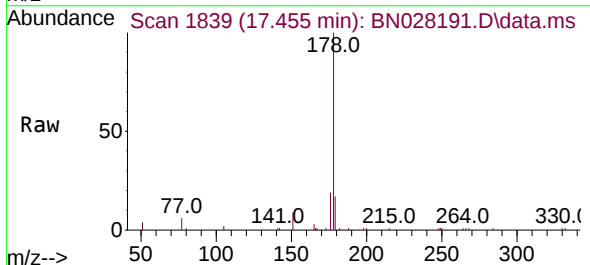
Instrument :  
 BNA\_N  
 ClientSampleId :

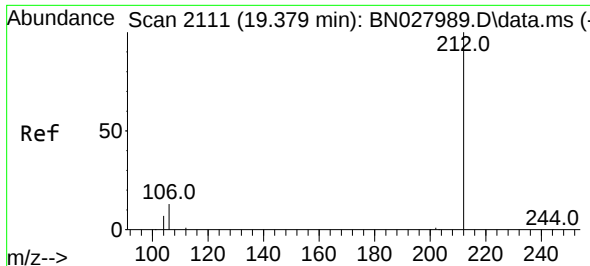
Tgt Ion:178 Resp: 19291  
 Ion Ratio Lower Upper  
 178 100  
 176 18.6 15.3 22.9  
 179 16.5 12.4 18.6



#26  
 Anthracene  
 Concen: 0.521 ng  
 RT: 17.455 min Scan# 1839  
 Delta R.T. 0.000 min  
 Lab File: BN028191.D  
 Acq: 10 Oct 2023 10:26

Tgt Ion:178 Resp: 16443  
 Ion Ratio Lower Upper  
 178 100  
 176 18.1 14.7 22.1  
 179 14.2 12.2 18.2

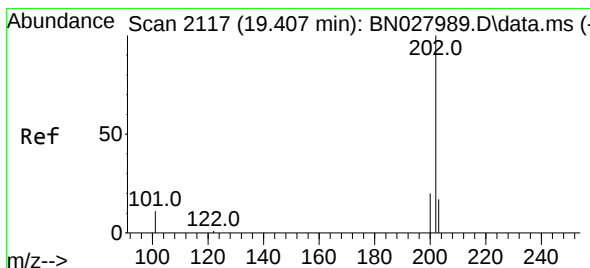
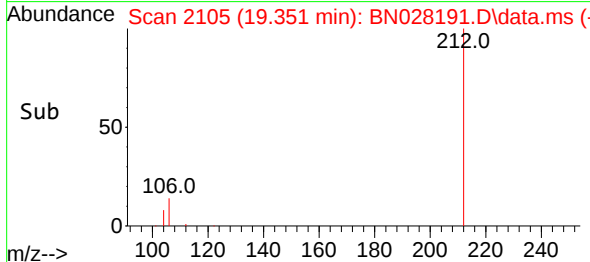
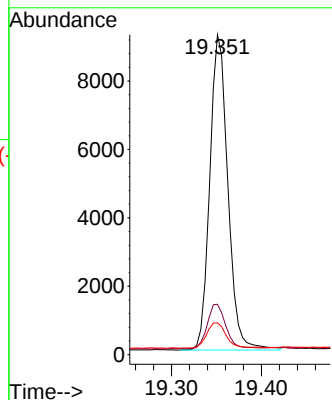
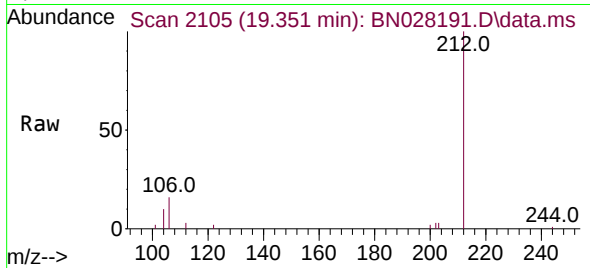




#27  
Fluoranthene-d10  
Concen: 0.414 ng  
RT: 19.351 min Scan# 2111  
Delta R.T. -0.005 min  
Lab File: BN028191.D  
Acq: 10 Oct 2023 10:26

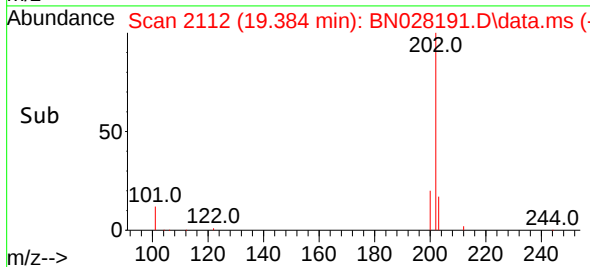
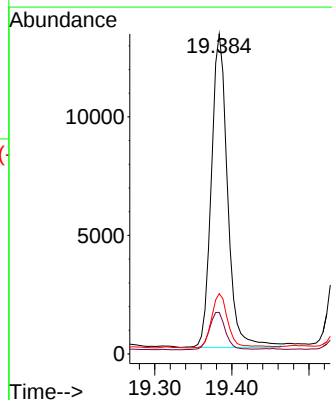
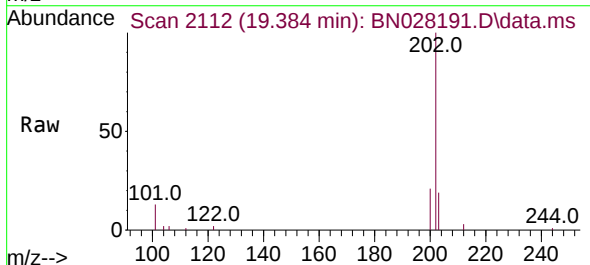
Instrument :  
BNA\_N  
ClientSampleId :

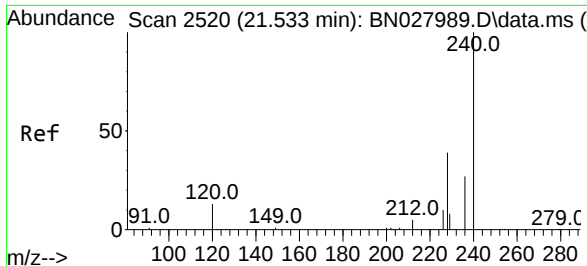
Tgt Ion:212 Resp: 12867  
Ion Ratio Lower Upper  
212 100  
106 14.5 11.3 16.9  
104 8.8 6.4 9.6



#28  
Fluoranthene  
Concen: 0.502 ng  
RT: 19.384 min Scan# 2112  
Delta R.T. 0.000 min  
Lab File: BN028191.D  
Acq: 10 Oct 2023 10:26

Tgt Ion:202 Resp: 19340  
Ion Ratio Lower Upper  
202 100  
101 12.0 9.8 14.6  
203 17.2 13.8 20.8

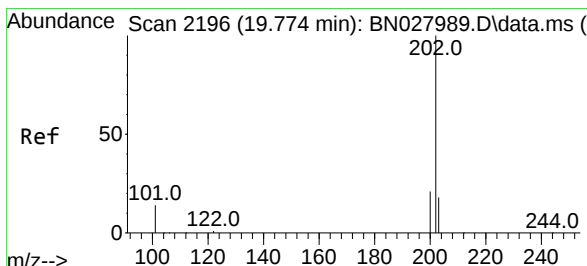
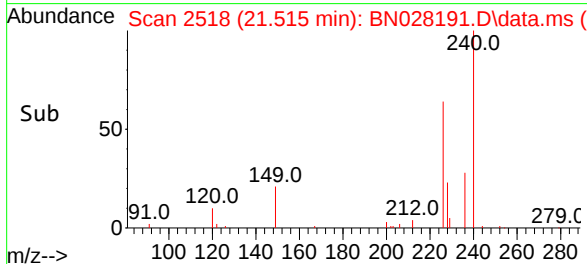
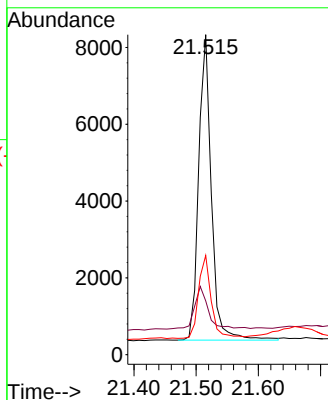
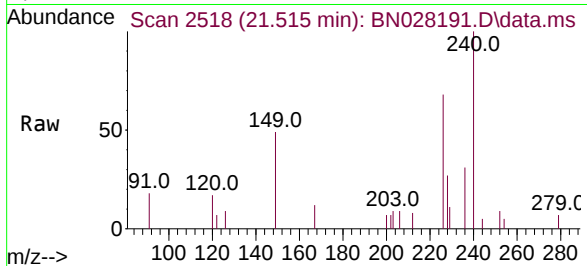




#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.515 min Scan# 2118  
Delta R.T. -0.000 min  
Lab File: BN028191.D  
Acq: 10 Oct 2023 10:26

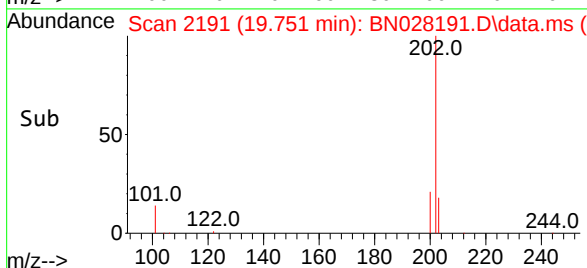
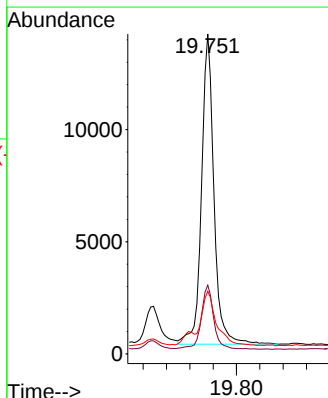
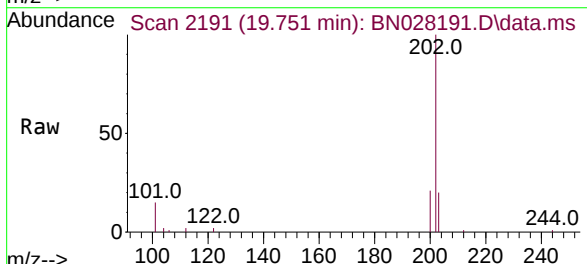
Instrument :  
BNA\_N  
ClientSampleId :

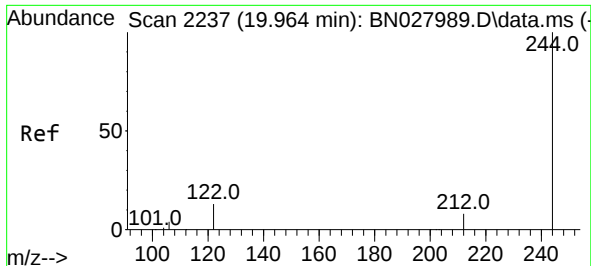
Tgt Ion:240 Resp: 11293  
Ion Ratio Lower Upper  
240 100  
120 16.8 13.8 20.6  
236 31.0 22.6 33.8



#30  
Pyrene  
Concen: 0.498 ng  
RT: 19.751 min Scan# 2191  
Delta R.T. 0.000 min  
Lab File: BN028191.D  
Acq: 10 Oct 2023 10:26

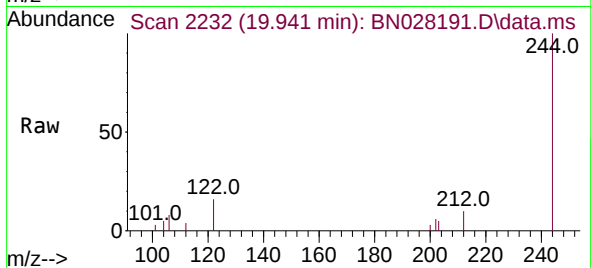
Tgt Ion:202 Resp: 20611  
Ion Ratio Lower Upper  
202 100  
200 19.9 16.5 24.7  
203 20.8 14.7 22.1



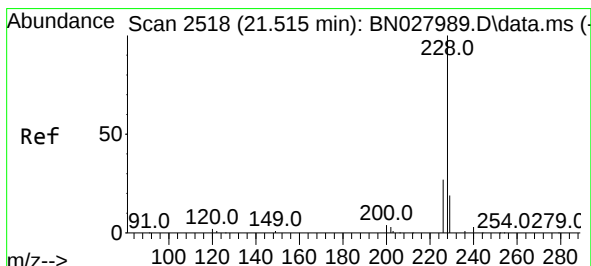
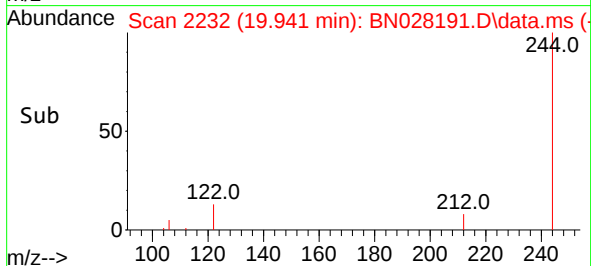
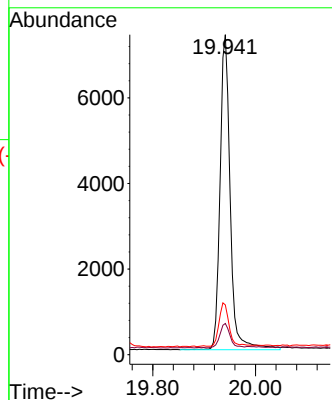


#31  
 Terphenyl-d14  
 Concen: 0.382 ng  
 RT: 19.941 min Scan# 21  
 Delta R.T. 0.000 min  
 Lab File: BN028191.D  
 Acq: 10 Oct 2023 10:26

Instrument :  
 BNA\_N  
 ClientSampleId :

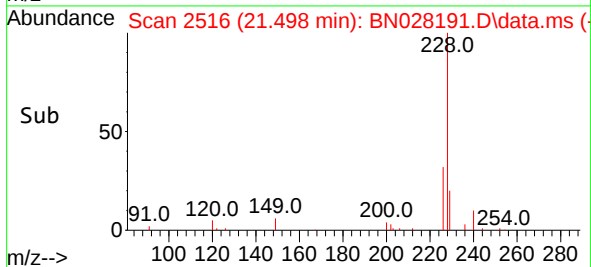
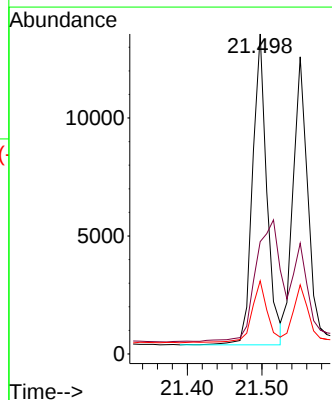
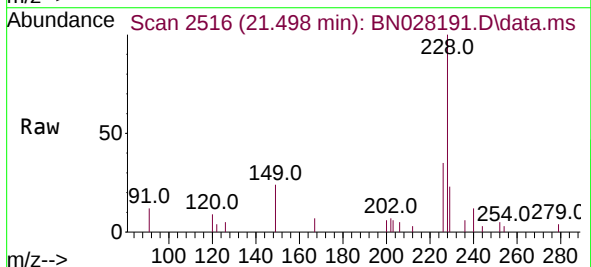


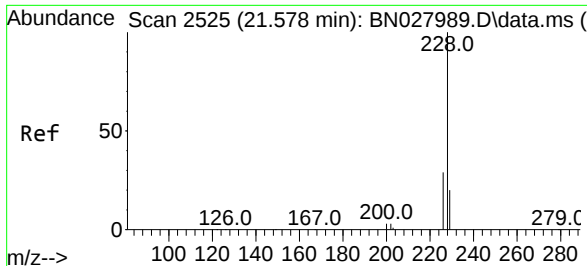
Tgt Ion:244 Resp: 10071  
 Ion Ratio Lower Upper  
 244 100  
 212 9.8 6.6 9.8  
 122 15.5 11.4 17.0



#32  
 Benzo(a)anthracene  
 Concen: 0.459 ng  
 RT: 21.498 min Scan# 2516  
 Delta R.T. 0.000 min  
 Lab File: BN028191.D  
 Acq: 10 Oct 2023 10:26

Tgt Ion:228 Resp: 17644  
 Ion Ratio Lower Upper  
 228 100  
 226 35.1 22.0 33.0#  
 229 22.8 16.0 24.0





#33

Chrysene

Concen: 0.441 ng

RT: 21.551 min Scan# 21

Delta R.T. 0.000 min

Lab File: BN028191.D

Acq: 10 Oct 2023 10:26

Instrument :

BNA\_N

ClientSampleId :

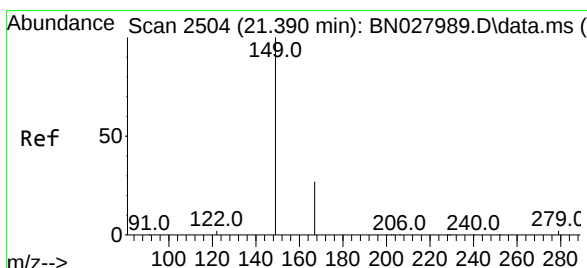
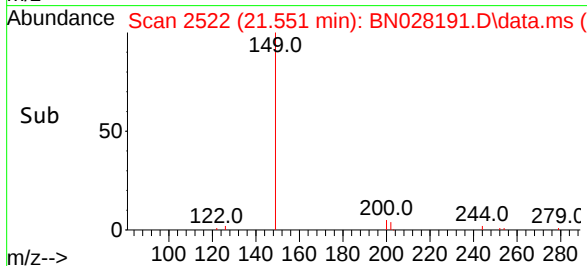
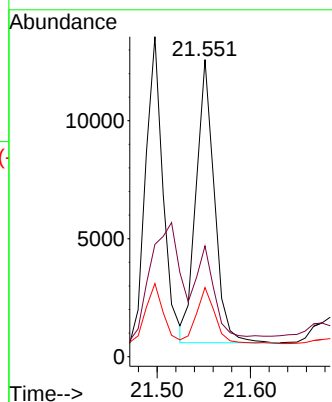
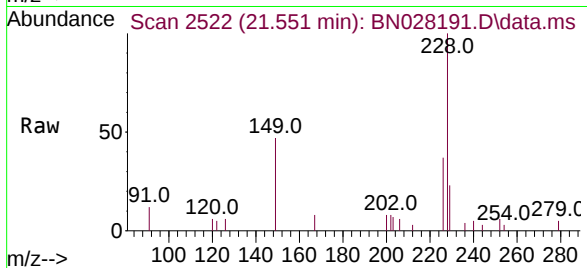
Tgt Ion:228 Resp: 16330

Ion Ratio Lower Upper

228 100

226 37.3 23.8 35.8#

229 23.2 16.6 25.0



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.460 ng

RT: 21.372 min Scan# 2502

Delta R.T. 0.009 min

Lab File: BN028191.D

Acq: 10 Oct 2023 10:26

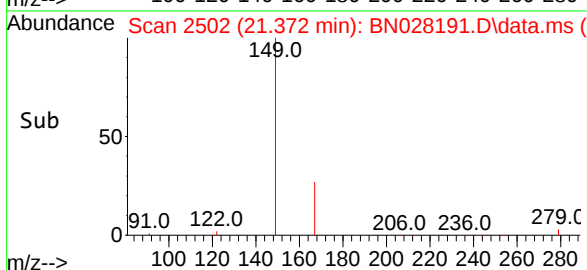
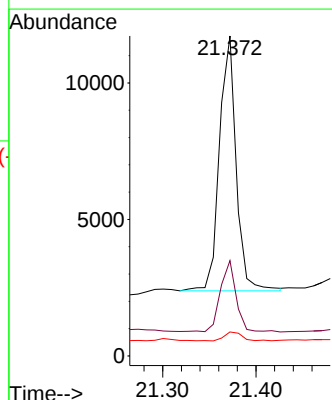
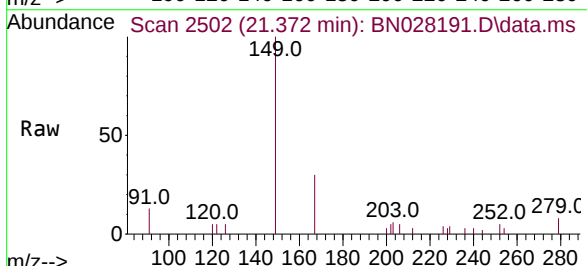
Tgt Ion:149 Resp: 11631

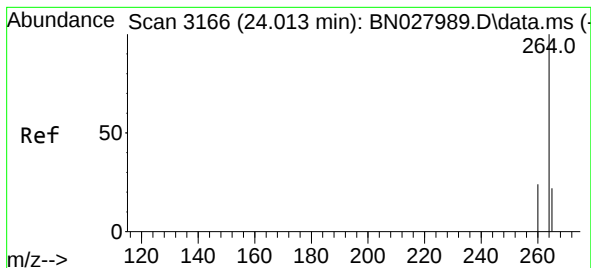
Ion Ratio Lower Upper

149 100

167 26.4 22.1 33.1

279 3.7 3.4 5.0





#35

Perylene-d12

Concen: 0.400 ng

RT: 23.975 min Scan# 31

Delta R.T. 0.000 min

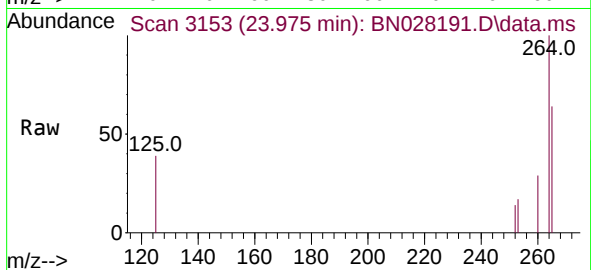
Lab File: BN028191.D

Acq: 10 Oct 2023 10:26

Instrument :

BNA\_N

ClientSampleId :



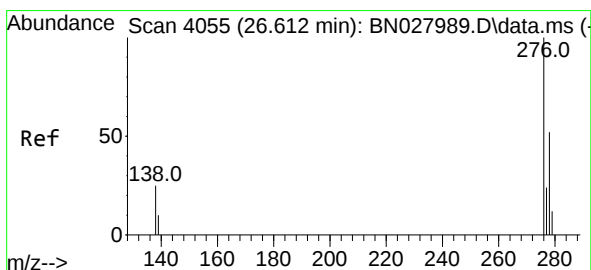
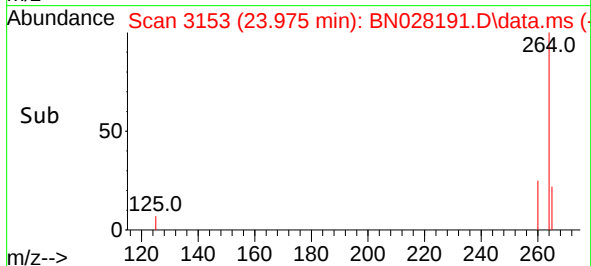
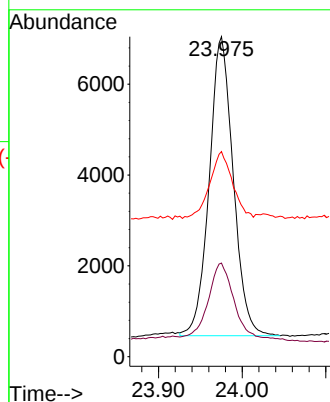
Tgt Ion:264 Resp: 13128

Ion Ratio Lower Upper

264 100

260 29.3 20.2 30.4

265 64.1 54.8 82.2



#36

Indeno(1,2,3-cd)pyrene

Concen: 0.461 ng

RT: 26.557 min Scan# 4036

Delta R.T. 0.000 min

Lab File: BN028191.D

Acq: 10 Oct 2023 10:26

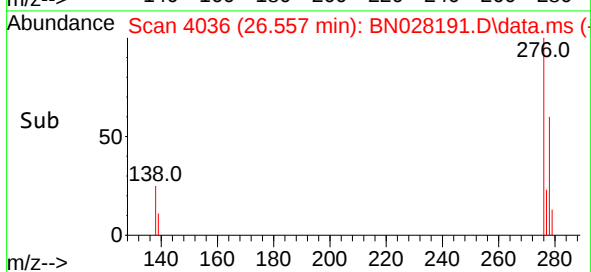
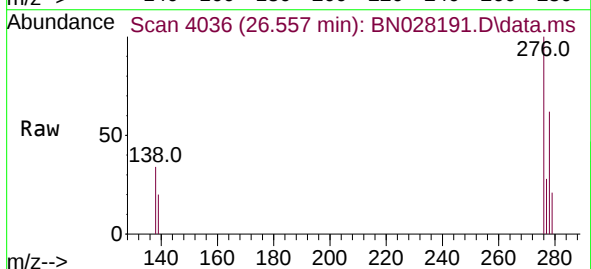
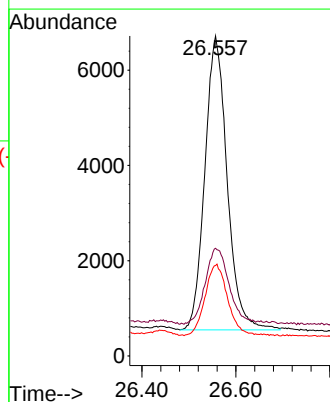
Tgt Ion:276 Resp: 20378

Ion Ratio Lower Upper

276 100

138 27.5 20.9 31.3

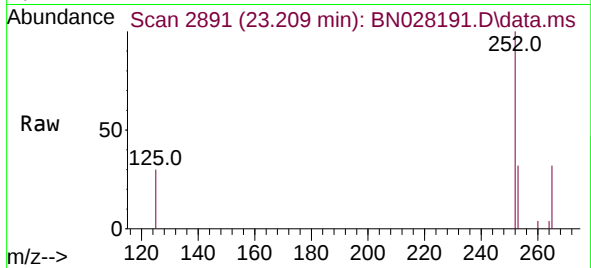
277 24.5 19.8 29.6



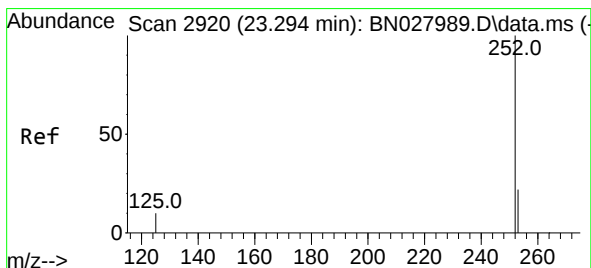
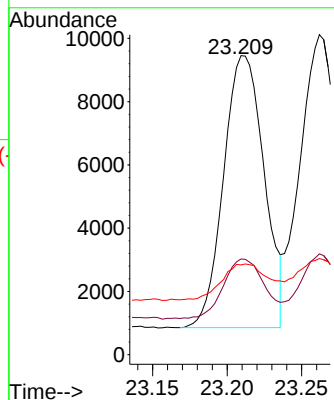


#37  
Benzo(b)fluoranthene  
Concen: 0.384 ng  
RT: 23.209 min Scan# 21  
Delta R.T. -0.003 min  
Lab File: BN028191.D  
Acq: 10 Oct 2023 10:26

Instrument :  
BNA\_N  
ClientSampleId :

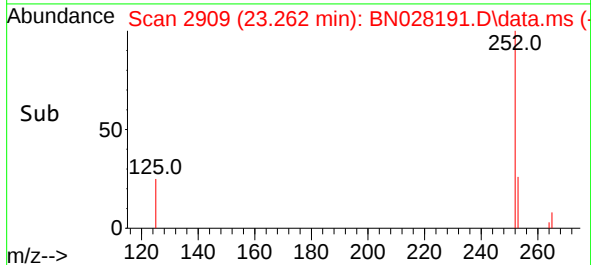
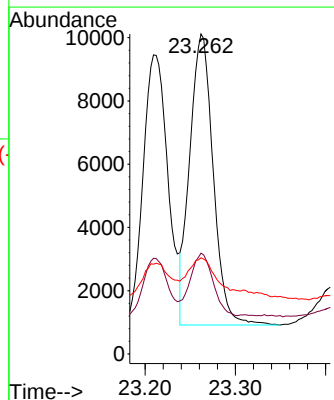
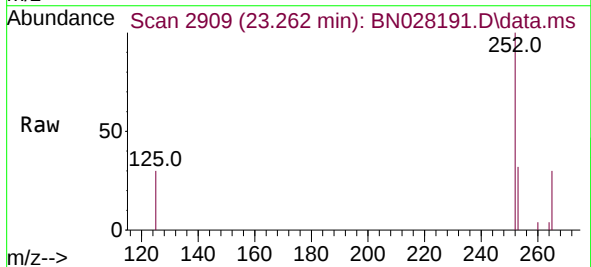


Tgt Ion:252 Resp: 16272  
Ion Ratio Lower Upper  
252 100  
253 32.0 22.9 34.3  
125 30.0 13.8 20.8#



#38  
Benzo(k)fluoranthene  
Concen: 0.387 ng  
RT: 23.262 min Scan# 2909  
Delta R.T. -0.000 min  
Lab File: BN028191.D  
Acq: 10 Oct 2023 10:26

Tgt Ion:252 Resp: 16623  
Ion Ratio Lower Upper  
252 100  
253 31.5 23.1 34.7  
125 30.0 13.8 20.8#





#39

Benzo(a)pyrene

Concen: 0.411 ng

RT: 23.864 min Scan# 31

Delta R.T. 0.000 min

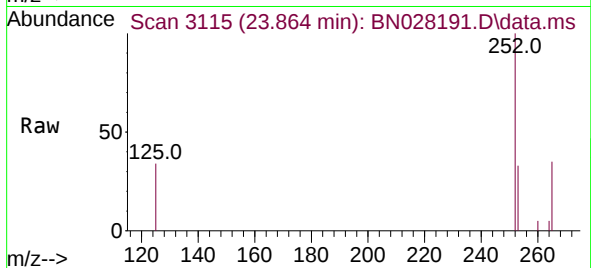
Lab File: BN028191.D

Acq: 10 Oct 2023 10:26

Instrument :

BNA\_N

ClientSampleId :



Tgt Ion:252 Resp: 16478

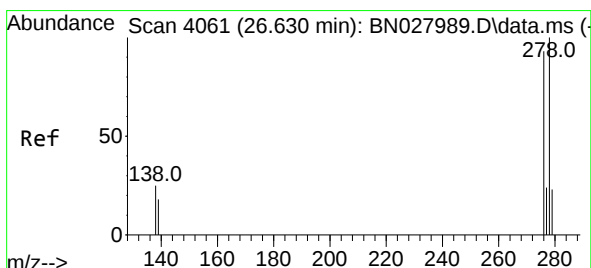
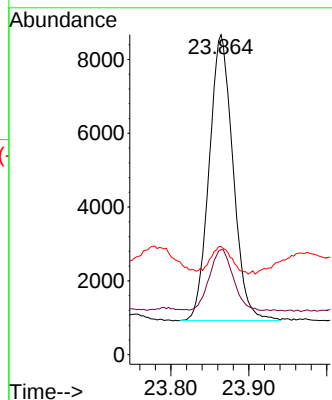
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
|-----|-------|-------|-------|

|     |     |  |  |
|-----|-----|--|--|
| 252 | 100 |  |  |
|-----|-----|--|--|

|     |      |      |      |
|-----|------|------|------|
| 253 | 32.8 | 25.0 | 37.4 |
|-----|------|------|------|

|     |      |      |      |
|-----|------|------|------|
| 125 | 33.9 | 16.6 | 24.8 |
|-----|------|------|------|

#



#40

Dibenzo(a,h)anthracene

Concen: 0.440 ng

RT: 26.571 min Scan# 4041

Delta R.T. -0.006 min

Lab File: BN028191.D

Acq: 10 Oct 2023 10:26

Tgt Ion:278 Resp: 15904

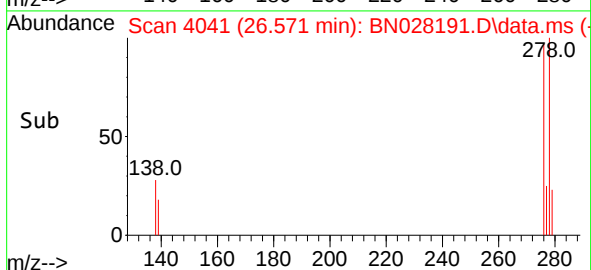
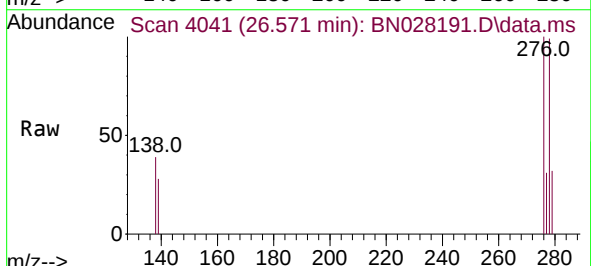
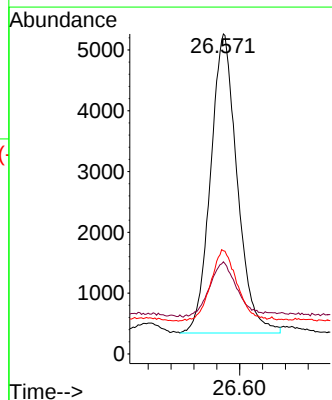
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
|-----|-------|-------|-------|

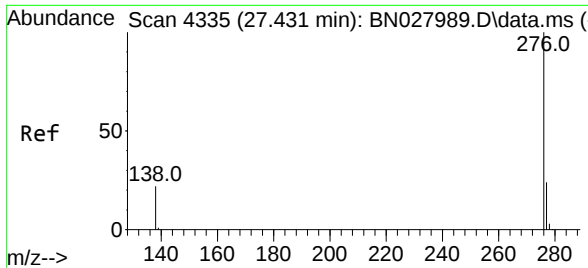
|     |     |  |  |
|-----|-----|--|--|
| 278 | 100 |  |  |
|-----|-----|--|--|

|     |      |      |      |
|-----|------|------|------|
| 139 | 28.8 | 17.7 | 26.5 |
|-----|------|------|------|

|     |      |      |      |
|-----|------|------|------|
| 279 | 32.2 | 25.2 | 37.8 |
|-----|------|------|------|

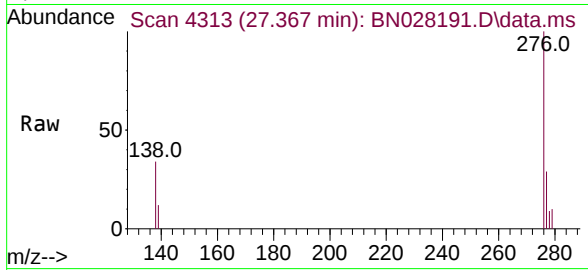
#





#41  
 Benzo(g,h,i)perylene  
 Concen: 0.461 ng  
 RT: 27.367 min Scan# 41  
 Delta R.T. -0.000 min  
 Lab File: BN028191.D  
 Acq: 10 Oct 2023 10:26

Instrument :  
 BNA\_N  
 ClientSampleId :



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 276   | Resp: | 17079 |
| Ion      | Ratio | Lower | Upper |
| 276      | 100   |       |       |
| 277      | 29.5  | 22.1  | 33.1  |
| 138      | 34.1  | 20.8  | 31.2# |

