

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN012723\  
 Data File : BN023828.D  
 Acq On : 26 Jan 2023 21:41  
 Operator : CG/JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC0.4EC

Quant Time: Jan 27 02:02:02 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN012723.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jan 27 01:06:05 2023  
 Response via : Initial Calibration

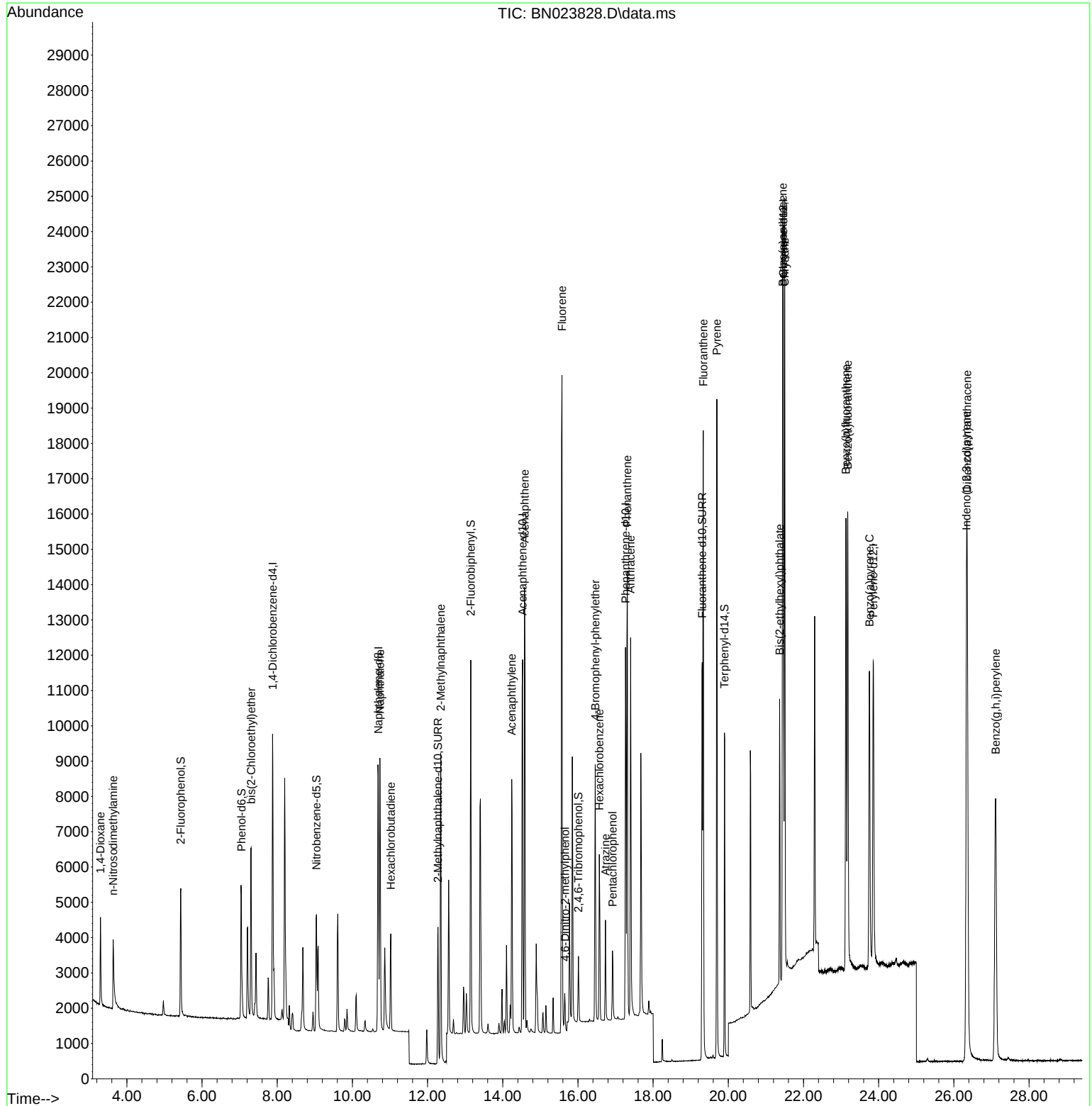
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.876  | 152  | 3920     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.690 | 136  | 10823    | 0.400 | ng    | 0.00     |
| 13) Acenaphthene-d10          | 14.527 | 164  | 6305     | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.266 | 188  | 14528    | 0.400 | ng    | # 0.00   |
| 29) Chrysene-d12              | 21.464 | 240  | 14598    | 0.400 | ng    | # 0.00   |
| 35) Perylene-d12              | 23.857 | 264  | 12745    | 0.400 | ng    | -0.03    |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.435  | 112  | 3081     | 0.377 | ng    | 0.00     |
| 5) Phenol-d6                  | 7.046  | 99   | 3582     | 0.371 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 9.046  | 82   | 3050     | 0.371 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 12.276 | 152  | 5445     | 0.381 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 16.012 | 330  | 1007     | 0.365 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 13.148 | 172  | 8818     | 0.351 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.304 | 212  | 12908    | 0.381 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.899 | 244  | 9914     | 0.358 | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       |          |
|                               |        |      |          |       |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.297  | 88   | 1573     | 0.381 | ng    | 98       |
| 3) n-Nitrosodimethylamine     | 3.637  | 42   | 1577     | 0.360 | ng    | # 99     |
| 6) bis(2-Chloroethyl)ether    | 7.306  | 93   | 3713     | 0.380 | ng    | 100      |
| 9) Naphthalene                | 10.733 | 128  | 9881     | 0.364 | ng    | 99       |
| 10) Hexachlorobutadiene       | 11.021 | 225  | 2153     | 0.395 | ng    | # 100    |
| 12) 2-Methylnaphthalene       | 12.352 | 142  | 6430     | 0.371 | ng    | 99       |
| 16) Acenaphthylene            | 14.239 | 152  | 8423     | 0.337 | ng    | 100      |
| 17) Acenaphthene              | 14.581 | 154  | 6141     | 0.366 | ng    | 99       |
| 18) Fluorene                  | 15.575 | 166  | 8404     | 0.369 | ng    | 100      |
| 20) 4,6-Dinitro-2-methylph... | 15.661 | 198  | 798      | 0.381 | ng    | # 62     |
| 21) 4-Bromophenyl-phenylether | 16.459 | 248  | 2794     | 0.346 | ng    | 97       |
| 22) Hexachlorobenzene         | 16.570 | 284  | 3412     | 0.352 | ng    | 98       |
| 23) Atrazine                  | 16.732 | 200  | 2110     | 0.360 | ng    | 98       |
| 24) Pentachlorophenol         | 16.918 | 266  | 1023     | 0.382 | ng    | 99       |
| 25) Phenanthrene              | 17.315 | 178  | 14285    | 0.354 | ng    | 100      |
| 26) Anthracene                | 17.402 | 178  | 11424    | 0.350 | ng    | 100      |
| 28) Fluoranthene              | 19.334 | 202  | 16386    | 0.371 | ng    | 99       |
| 30) Pyrene                    | 19.696 | 202  | 16492    | 0.333 | ng    | 100      |
| 32) Benzo(a)anthracene        | 21.446 | 228  | 15523    | 0.349 | ng    | 99       |
| 33) Chrysene                  | 21.500 | 228  | 17635    | 0.359 | ng    | 99       |
| 34) Bis(2-ethylhexyl)phtha... | 21.365 | 149  | 7281     | 0.362 | ng    | 99       |
| 36) Indeno(1,2,3-cd)pyrene    | 26.337 | 276  | 19753    | 0.373 | ng    | 97       |
| 37) Benzo(b)fluoranthene      | 23.129 | 252  | 16982    | 0.353 | ng    | 99       |
| 38) Benzo(k)fluoranthene      | 23.179 | 252  | 16934    | 0.357 | ng    | 97       |
| 39) Benzo(a)pyrene            | 23.755 | 252  | 12923    | 0.359 | ng    | 98       |
| 40) Dibenzo(a,h)anthracene    | 26.354 | 278  | 15883    | 0.371 | ng    | 97       |
| 41) Benzo(g,h,i)perylene      | 27.111 | 276  | 16769    | 0.368 | ng    | 96       |
| -----                         |        |      |          |       |       |          |

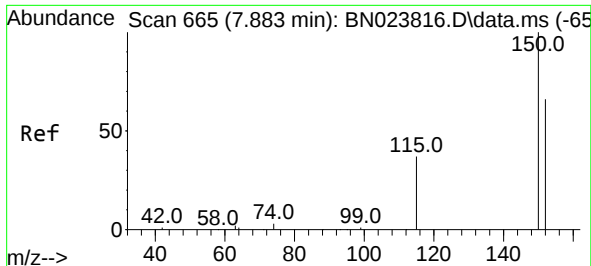
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN012723\  
Data File : BN023828.D  
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Operator : CG/JU  
Sample : SSTDCCC0.4  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

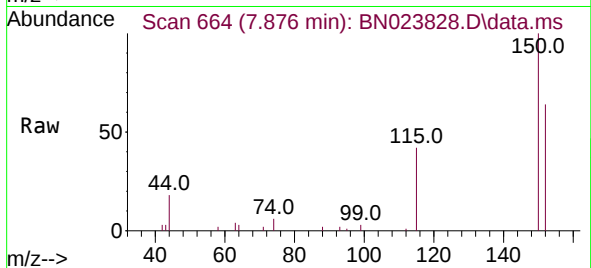
Quant Time: Jan 27 02:02:02 2023  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN012723.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Jan 27 01:06:05 2023  
Response via : Initial Calibration



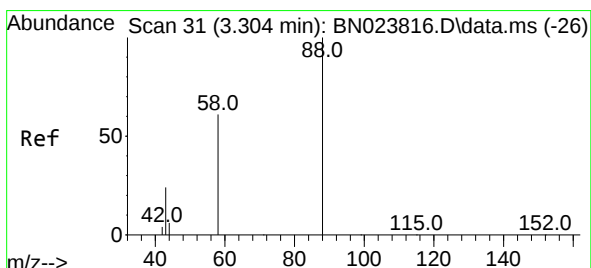
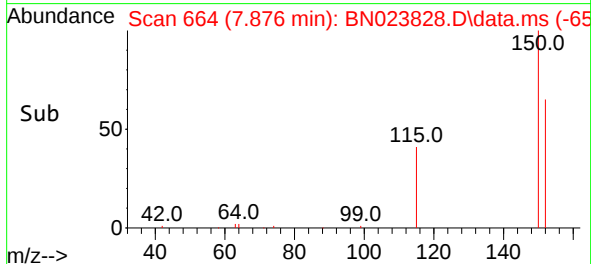
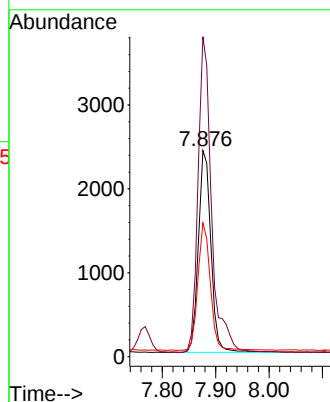


#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 7.876 min Scan# 60  
 Delta R.T. -0.007 min  
 Lab File: BN023828.D  
 Acq: 26 Jan 2023 21:41

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC0.4EC

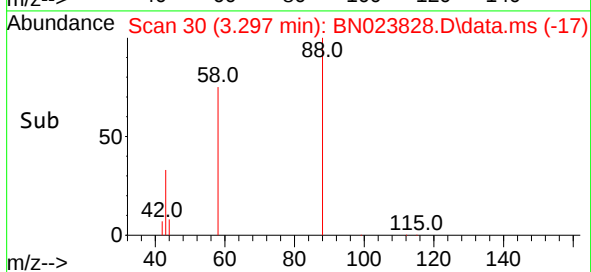
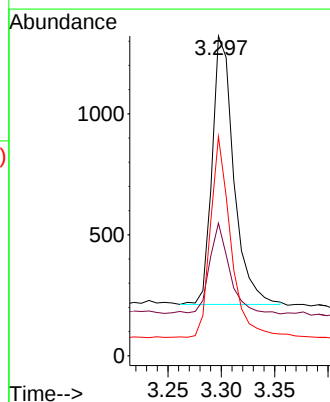
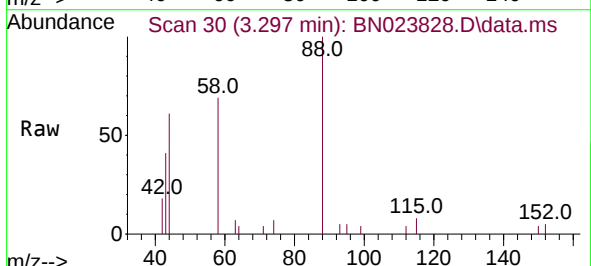


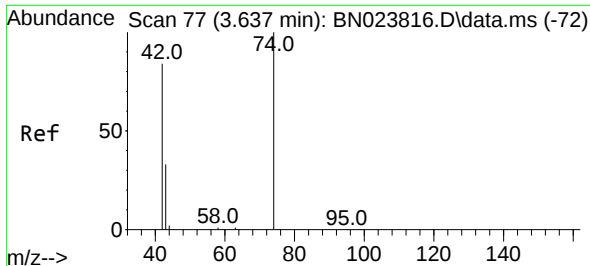
Tgt Ion:152 Resp: 3920  
 Ion Ratio Lower Upper  
 152 100  
 150 155.3 120.5 180.7  
 115 64.9 46.4 69.6



#2  
 1,4-Dioxane  
 Concen: 0.381 ng  
 RT: 3.297 min Scan# 30  
 Delta R.T. -0.007 min  
 Lab File: BN023828.D  
 Acq: 26 Jan 2023 21:41

Tgt Ion: 88 Resp: 1573  
 Ion Ratio Lower Upper  
 88 100  
 43 32.0 24.5 36.7  
 58 69.7 56.9 85.3

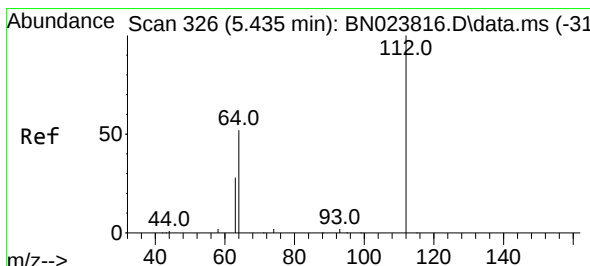
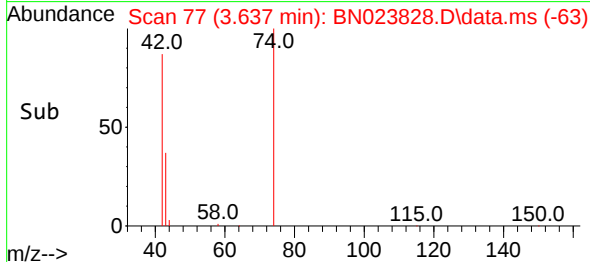
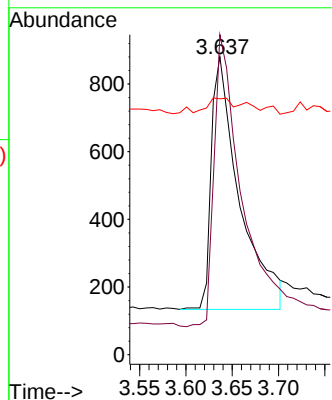
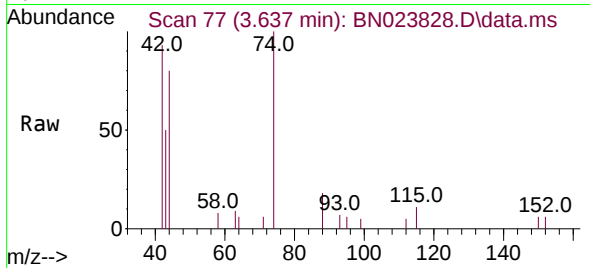




#3  
 n-Nitrosodimethylamine  
 Concen: 0.360 ng  
 RT: 3.637 min Scan# 71  
 Delta R.T. 0.000 min  
 Lab File: BN023828.D  
 Acq: 26 Jan 2023 21:41

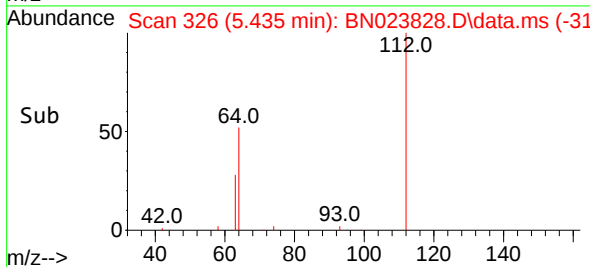
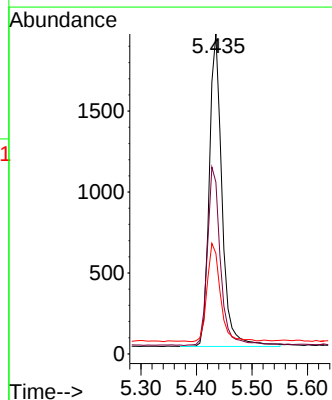
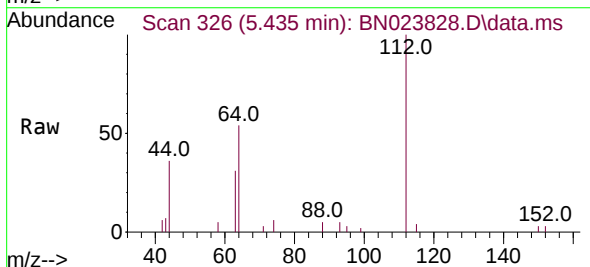
Instrument :  
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 ClientSampleId :  
 SSTDCCC0.4EC

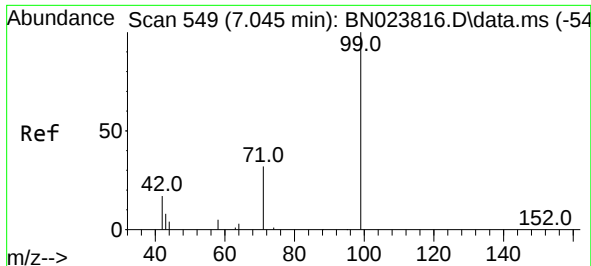
Tgt Ion: 42 Resp: 1577  
 Ion Ratio Lower Upper  
 42 100  
 74 114.8 91.8 137.8  
 44 5.2 6.9 10.3#



#4  
 2-Fluorophenol  
 Concen: 0.377 ng  
 RT: 5.435 min Scan# 326  
 Delta R.T. 0.000 min  
 Lab File: BN023828.D  
 Acq: 26 Jan 2023 21:41

Tgt Ion: 112 Resp: 3081  
 Ion Ratio Lower Upper  
 112 100  
 64 58.7 45.7 68.5  
 63 32.6 24.6 37.0

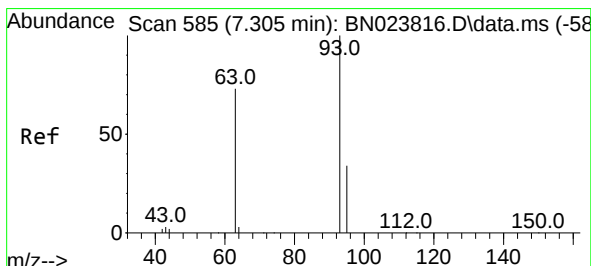
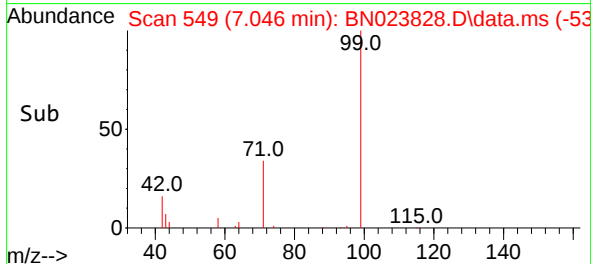
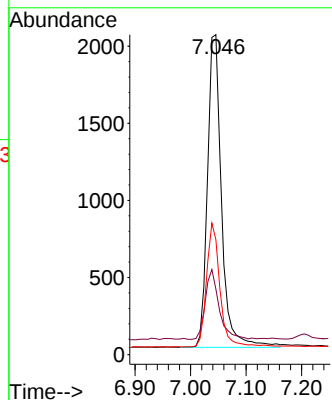
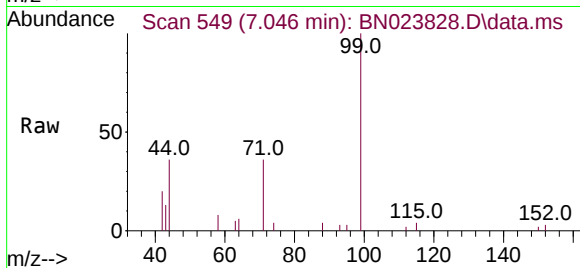




#5  
Phenol-d6  
Concen: 0.371 ng  
RT: 7.046 min Scan# 549  
Delta R.T. 0.000 min  
Lab File: BN023828.D  
Acq: 26 Jan 2023 21:41

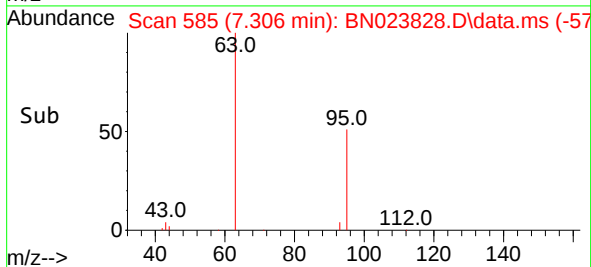
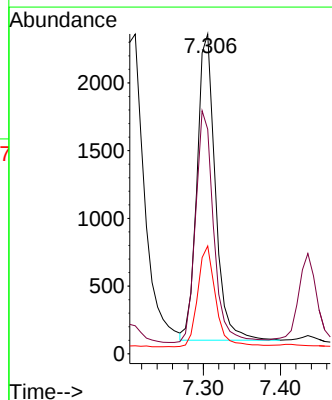
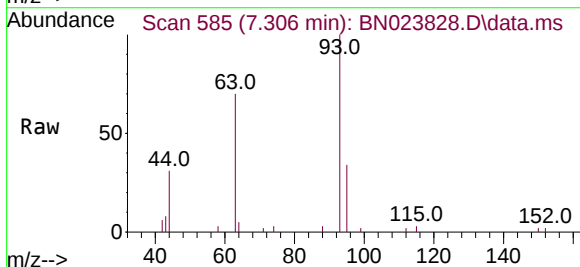
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

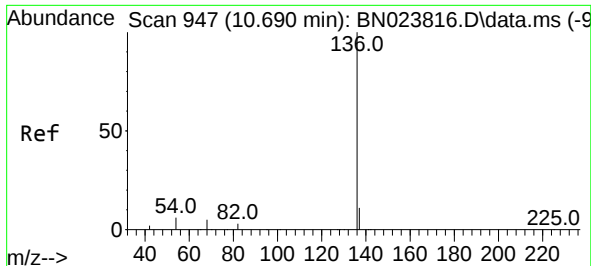
Tgt Ion: 99 Resp: 3582  
Ion Ratio Lower Upper  
99 100  
42 21.9 17.9 26.9  
71 37.8 27.7 41.5



#6  
bis(2-Chloroethyl)ether  
Concen: 0.380 ng  
RT: 7.306 min Scan# 585  
Delta R.T. 0.000 min  
Lab File: BN023828.D  
Acq: 26 Jan 2023 21:41

Tgt Ion: 93 Resp: 3713  
Ion Ratio Lower Upper  
93 100  
63 75.3 60.2 90.4  
95 32.4 25.9 38.9

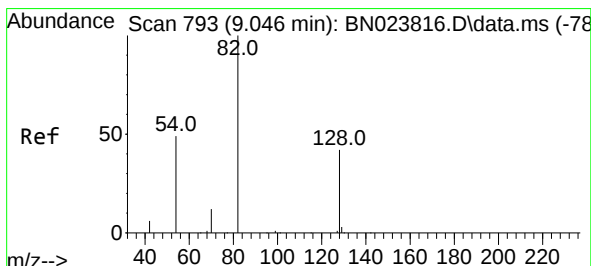
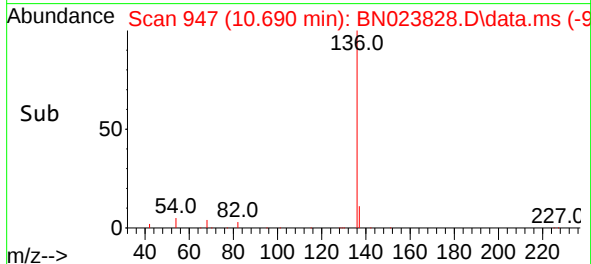
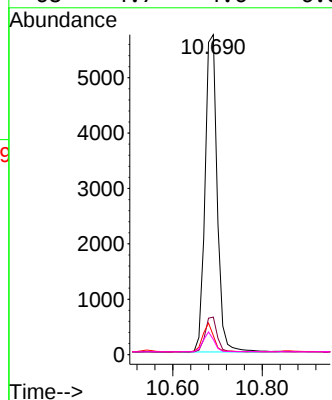
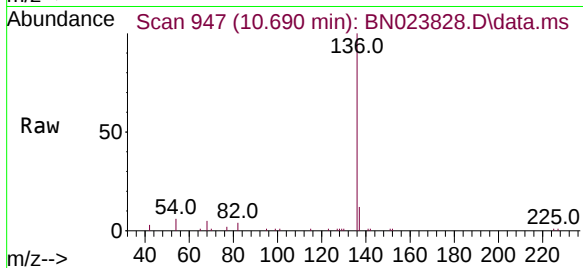




#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.690 min Scan# 947  
Delta R.T. 0.000 min  
Lab File: BN023828.D  
Acq: 26 Jan 2023 21:41

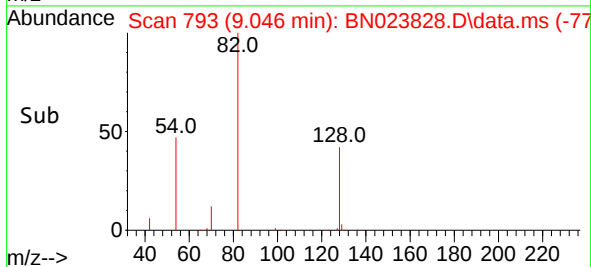
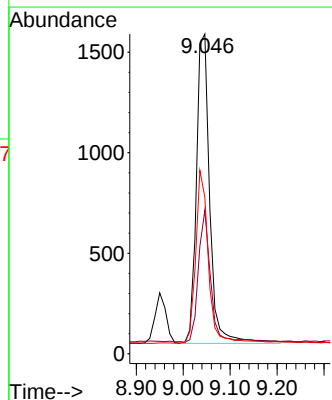
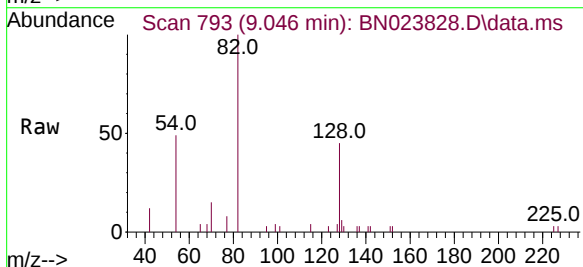
Instrument :  
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ClientSampleId :  
SSTDCCC0.4EC

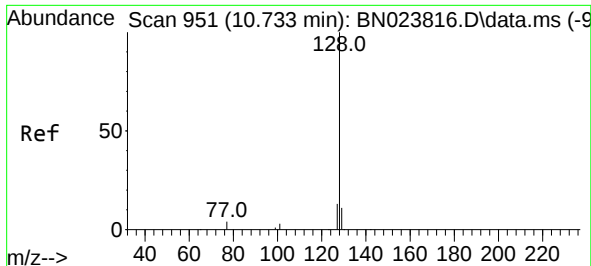
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|-----------|-------|-------|-------|
| Tgt Ion:  | 136   | Resp: | 10823 |
| Ion Ratio | Lower | Upper |       |
| 136       | 100   |       |       |
| 137       | 11.7  | 9.2   | 13.8  |
| 54        | 5.9   | 5.4   | 8.2   |
| 68        | 4.7   | 4.6   | 6.8   |



#8  
Nitrobenzene-d5  
Concen: 0.371 ng  
RT: 9.046 min Scan# 793  
Delta R.T. 0.000 min  
Lab File: BN023828.D  
Acq: 26 Jan 2023 21:41

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 82    | Resp: | 3050 |
| Ion Ratio | Lower | Upper |      |
| 82        | 100   |       |      |
| 128       | 44.8  | 35.6  | 53.4 |
| 54        | 49.0  | 40.2  | 60.4 |

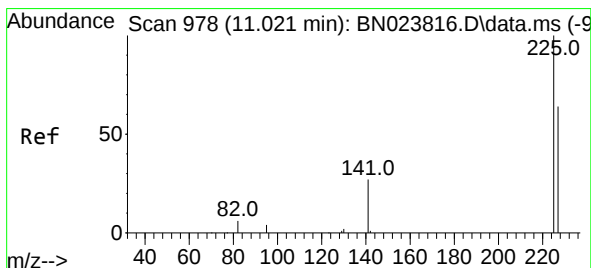
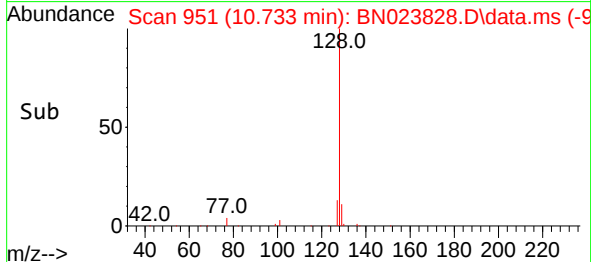
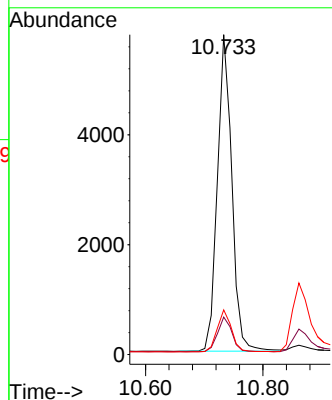
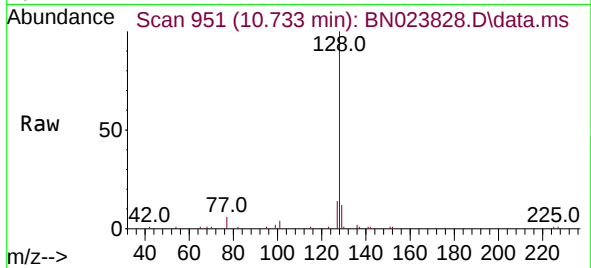




#9  
Naphthalene  
Concen: 0.364 ng  
RT: 10.733 min Scan# 951  
Delta R.T. 0.000 min  
Lab File: BN023828.D  
Acq: 26 Jan 2023 21:41

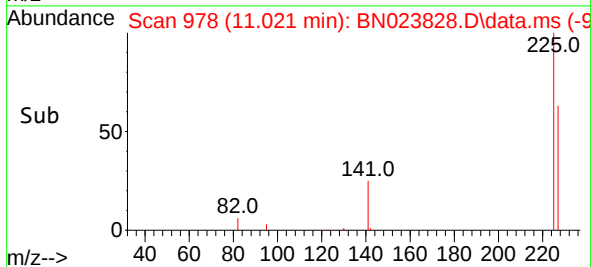
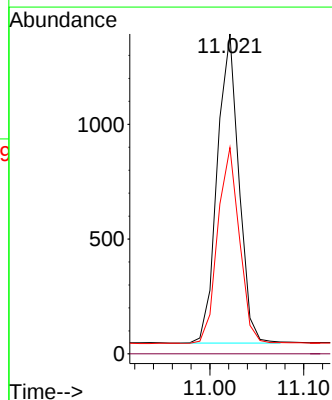
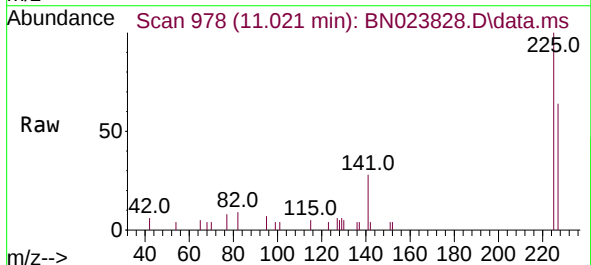
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

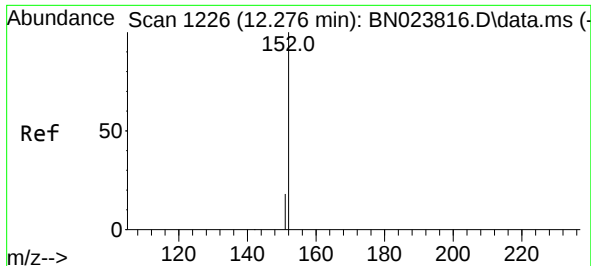
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|----------|-------|-------|-------|
| Tgt Ion: | 128   | Resp: | 9881  |
| Ion      | Ratio | Lower | Upper |
| 128      | 100   |       |       |
| 129      | 11.7  | 9.2   | 13.8  |
| 127      | 14.0  | 11.0  | 16.6  |



#10  
Hexachlorobutadiene  
Concen: 0.395 ng  
RT: 11.021 min Scan# 978  
Delta R.T. 0.000 min  
Lab File: BN023828.D  
Acq: 26 Jan 2023 21:41

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 225   | Resp: | 2153  |
| Ion      | Ratio | Lower | Upper |
| 225      | 100   |       |       |
| 223      | 0.0   | 0.0   | 0.0   |
| 227      | 63.3  | 50.8  | 76.2  |

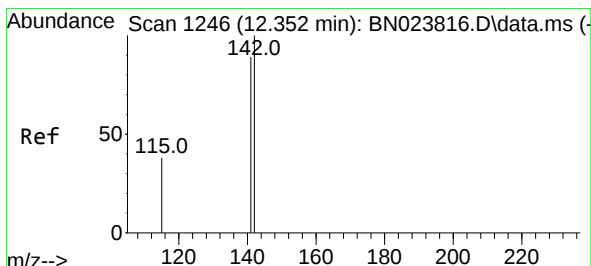
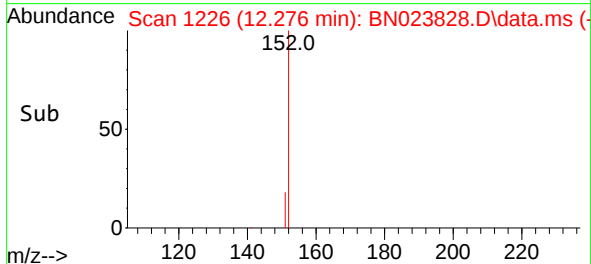
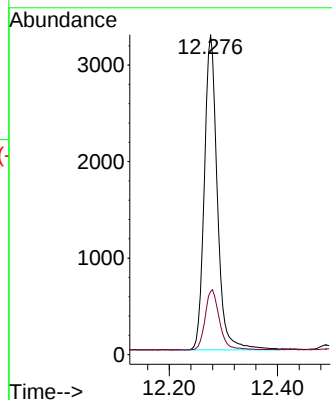
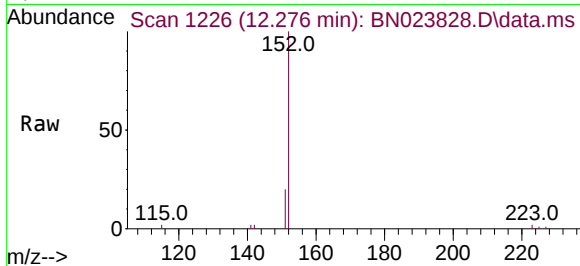




#11  
2-Methylnaphthalene-d10  
Concen: 0.381 ng  
RT: 12.276 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BN023828.D  
Acq: 26 Jan 2023 21:41

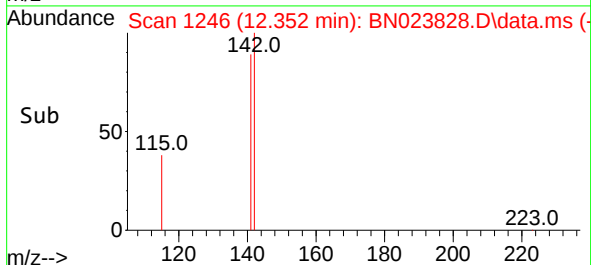
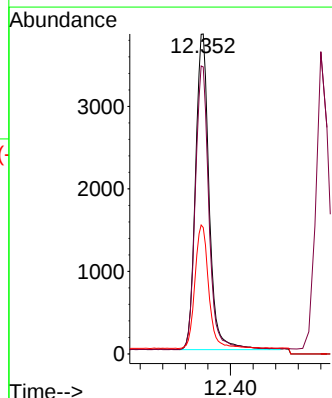
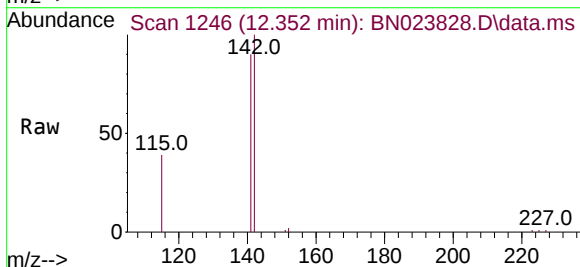
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

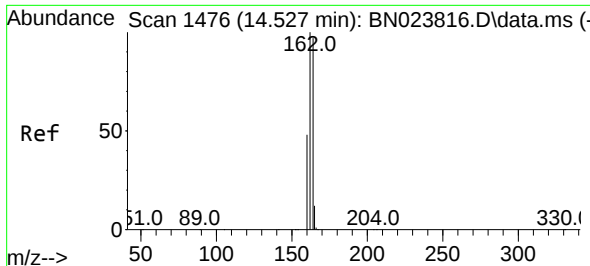
Tgt Ion:152 Resp: 5445  
Ion Ratio Lower Upper  
152 100  
151 20.9 16.8 25.2



#12  
2-Methylnaphthalene  
Concen: 0.371 ng  
RT: 12.352 min Scan# 1246  
Delta R.T. 0.000 min  
Lab File: BN023828.D  
Acq: 26 Jan 2023 21:41

Tgt Ion:142 Resp: 6430  
Ion Ratio Lower Upper  
142 100  
141 89.7 71.0 106.6  
115 39.5 31.0 46.4

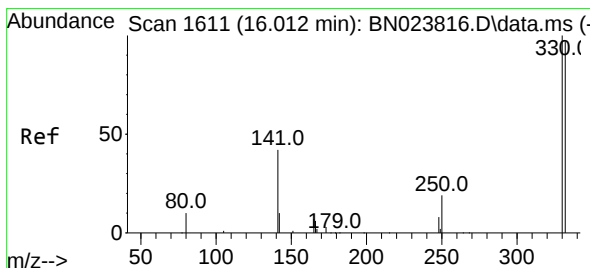
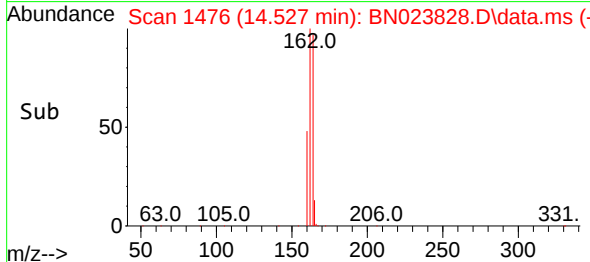
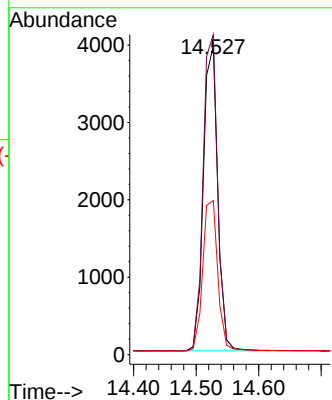
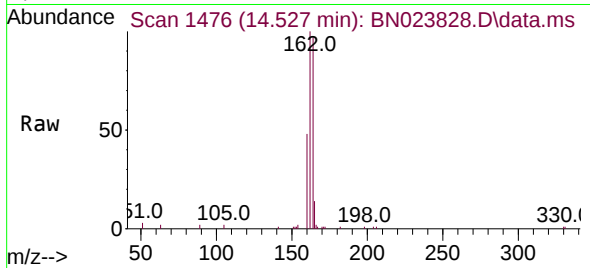




#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.527 min Scan# 1476  
Delta R.T. 0.000 min  
Lab File: BN023828.D  
Acq: 26 Jan 2023 21:41

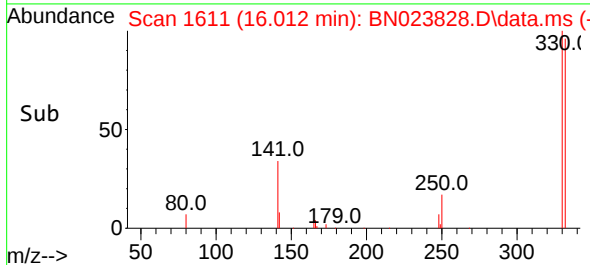
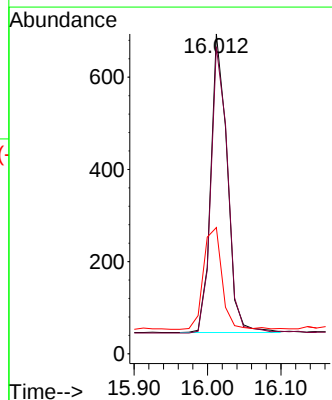
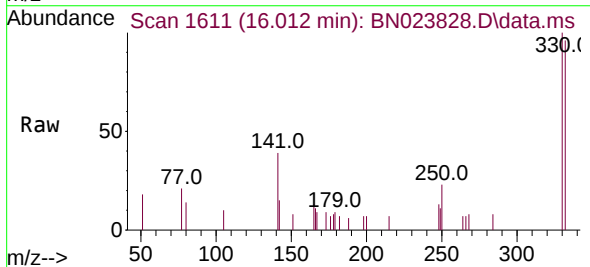
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

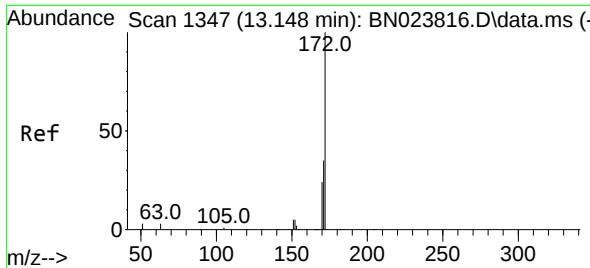
Tgt Ion:164 Resp: 6305  
Ion Ratio Lower Upper  
164 100  
162 103.5 82.5 123.7  
160 49.8 39.9 59.9



#14  
2,4,6-Tribromophenol  
Concen: 0.365 ng  
RT: 16.012 min Scan# 1611  
Delta R.T. 0.000 min  
Lab File: BN023828.D  
Acq: 26 Jan 2023 21:41

Tgt Ion:330 Resp: 1007  
Ion Ratio Lower Upper  
330 100  
332 98.6 78.8 118.2  
141 38.7 33.2 49.8

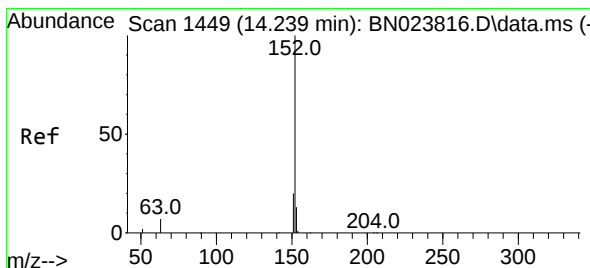
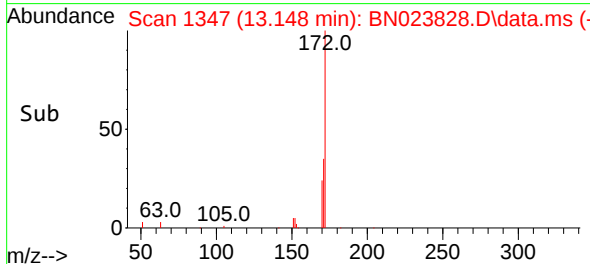
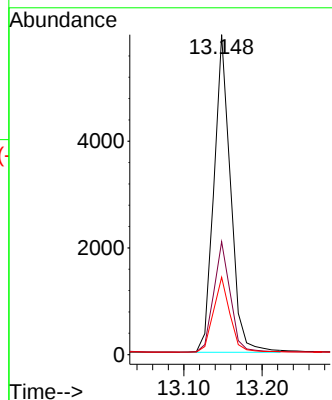
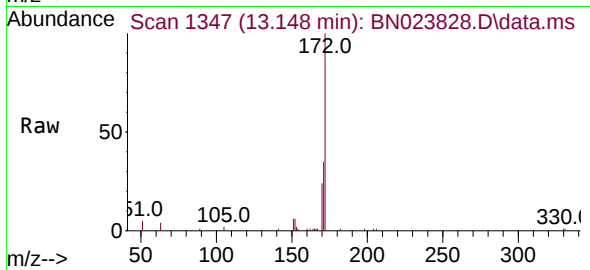




#15  
2-Fluorobiphenyl  
Concen: 0.351 ng  
RT: 13.148 min Scan# 1347  
Delta R.T. 0.000 min  
Lab File: BN023828.D  
Acq: 26 Jan 2023 21:41

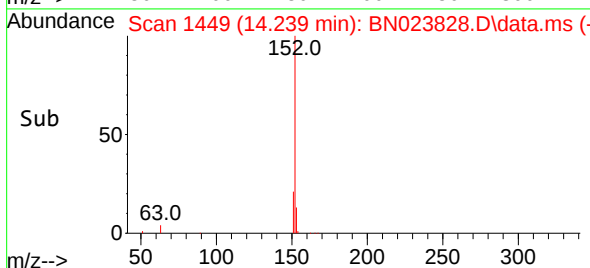
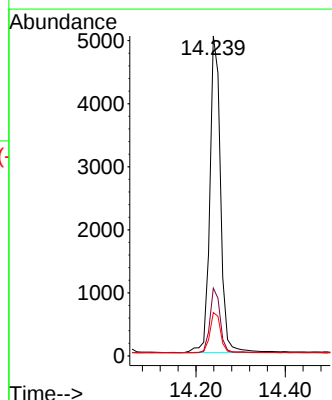
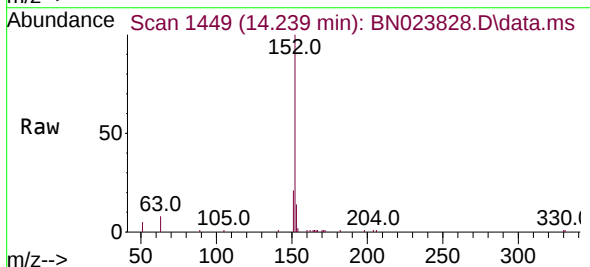
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

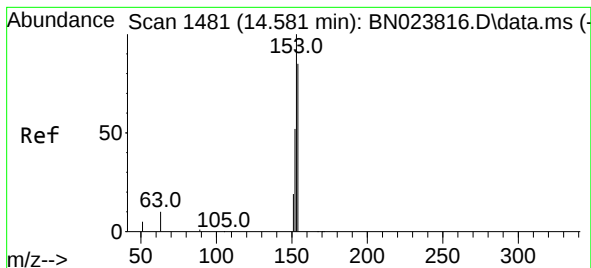
Tgt Ion:172 Resp: 8818  
Ion Ratio Lower Upper  
172 100  
171 35.3 28.4 42.6  
170 24.2 19.4 29.2



#16  
Acenaphthylene  
Concen: 0.337 ng  
RT: 14.239 min Scan# 1449  
Delta R.T. 0.000 min  
Lab File: BN023828.D  
Acq: 26 Jan 2023 21:41

Tgt Ion:152 Resp: 8423  
Ion Ratio Lower Upper  
152 100  
151 19.8 15.8 23.6  
153 12.7 10.2 15.4





#17

Acenaphthene

Concen: 0.366 ng

RT: 14.581 min Scan# 1481

Delta R.T. 0.000 min

Lab File: BN023828.D

Acq: 26 Jan 2023 21:41

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4EC

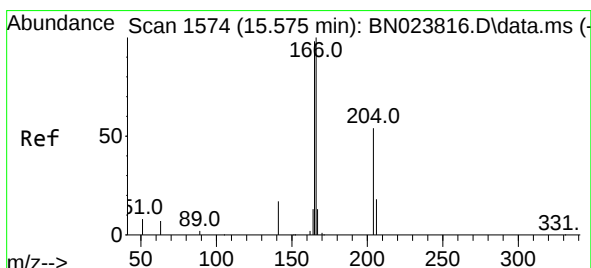
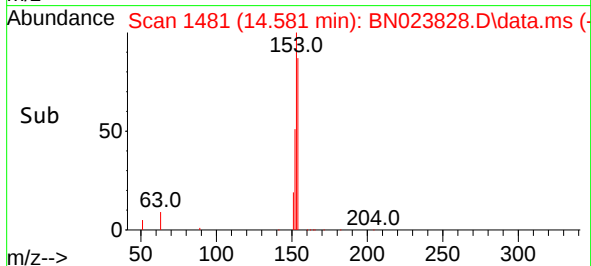
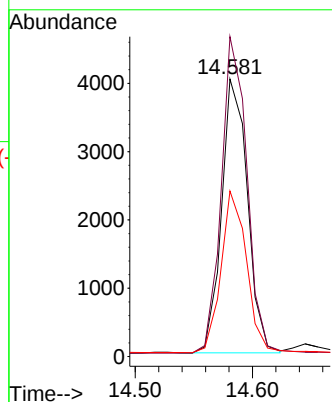
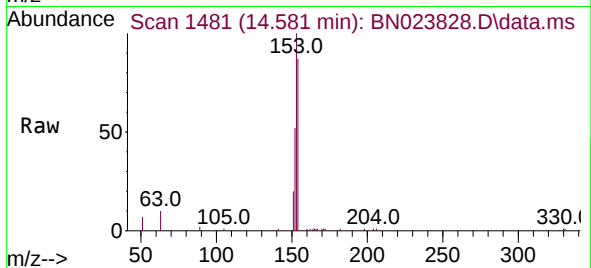
Tgt Ion:154 Resp: 6141

Ion Ratio Lower Upper

154 100

153 115.3 92.6 139.0

152 58.7 48.3 72.5



#18

Fluorene

Concen: 0.369 ng

RT: 15.575 min Scan# 1574

Delta R.T. 0.000 min

Lab File: BN023828.D

Acq: 26 Jan 2023 21:41

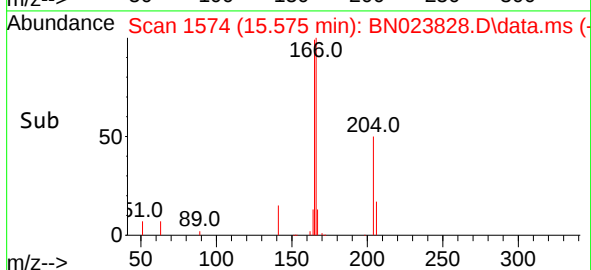
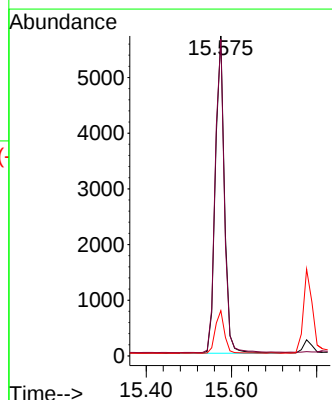
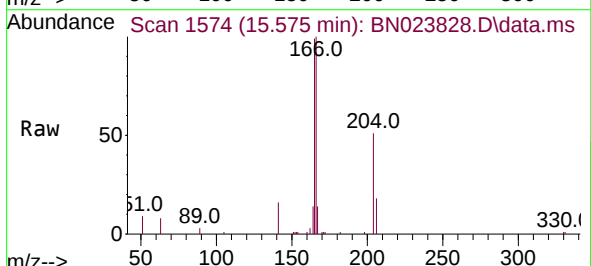
Tgt Ion:166 Resp: 8404

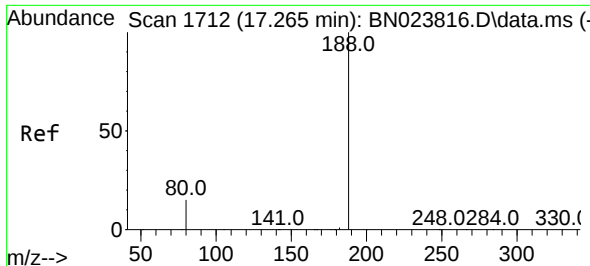
Ion Ratio Lower Upper

166 100

165 100.6 80.4 120.6

167 13.5 10.7 16.1

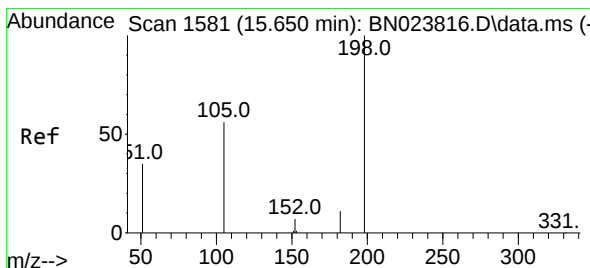
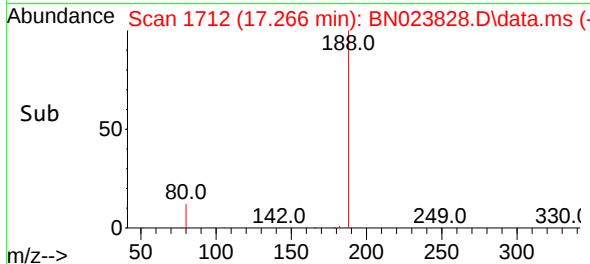
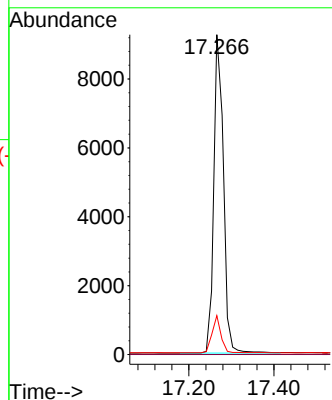
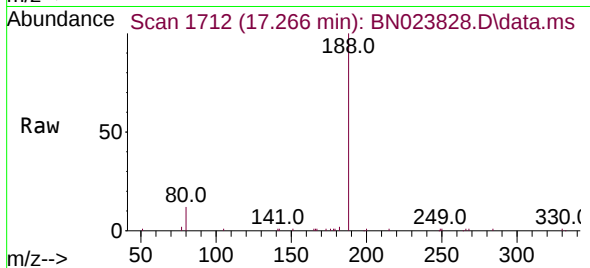




#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.266 min Scan# 1712  
Delta R.T. 0.000 min  
Lab File: BN023828.D  
Acq: 26 Jan 2023 21:41

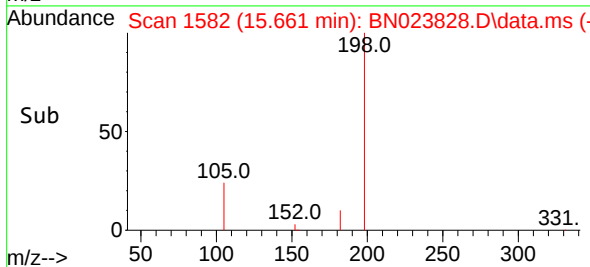
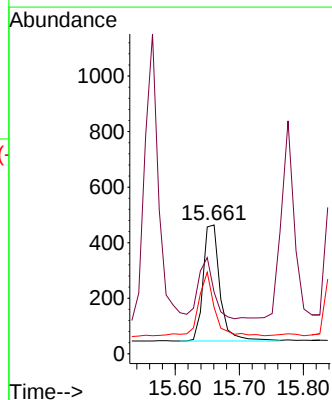
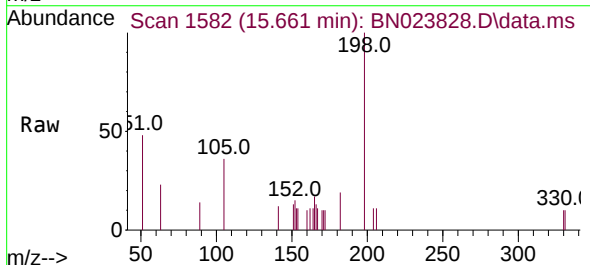
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

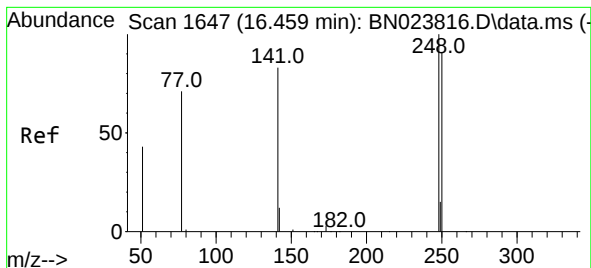
Tgt Ion:188 Resp: 14528  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 12.2 12.6 18.8#



#20  
4,6-Dinitro-2-methylphenol  
Concen: 0.381 ng  
RT: 15.661 min Scan# 1582  
Delta R.T. 0.011 min  
Lab File: BN023828.D  
Acq: 26 Jan 2023 21:41

Tgt Ion:198 Resp: 798  
Ion Ratio Lower Upper  
198 100  
51 47.8 65.1 97.7#  
105 36.0 53.1 79.7#

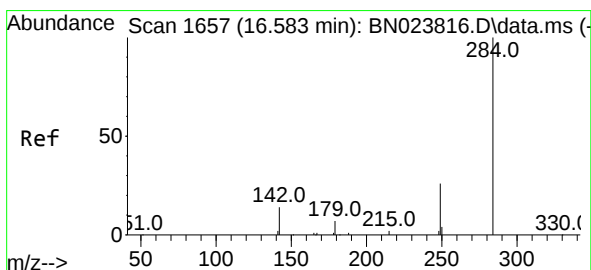
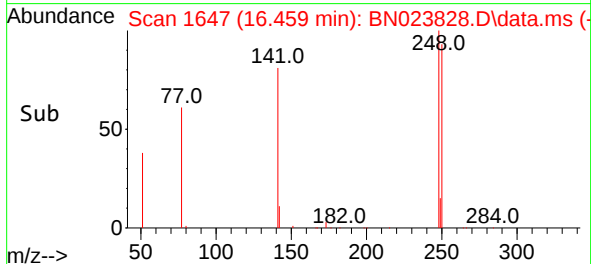
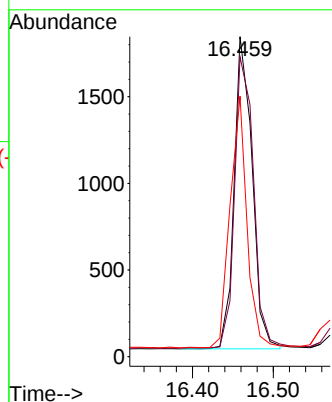
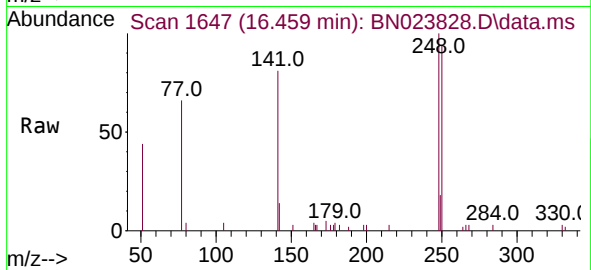




#21  
4-Bromophenyl-phenylether  
Concen: 0.346 ng  
RT: 16.459 min Scan# 1647  
Delta R.T. 0.000 min  
Lab File: BN023828.D  
Acq: 26 Jan 2023 21:41

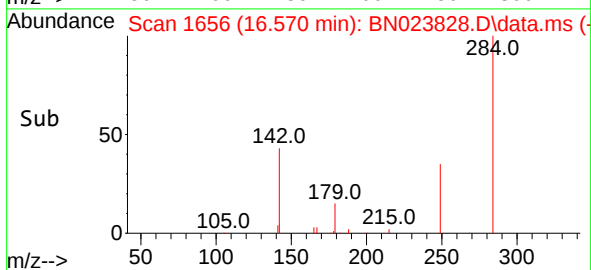
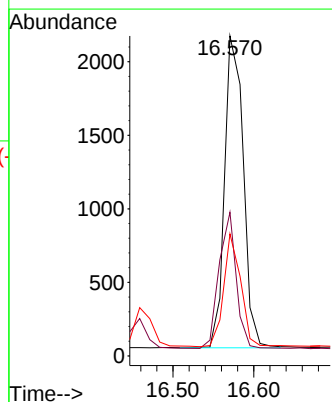
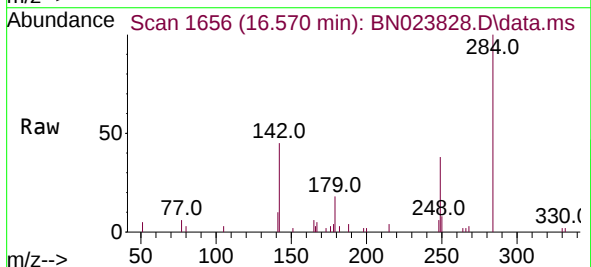
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

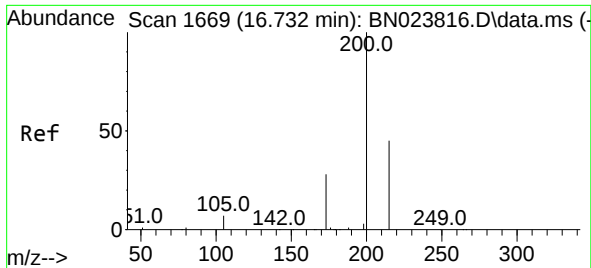
Tgt Ion:248 Resp: 2794  
Ion Ratio Lower Upper  
248 100  
250 93.7 72.9 109.3  
141 81.4 67.4 101.2



#22  
Hexachlorobenzene  
Concen: 0.352 ng  
RT: 16.570 min Scan# 1656  
Delta R.T. -0.012 min  
Lab File: BN023828.D  
Acq: 26 Jan 2023 21:41

Tgt Ion:284 Resp: 3412  
Ion Ratio Lower Upper  
284 100  
142 39.8 31.4 47.2  
249 32.8 24.3 36.5

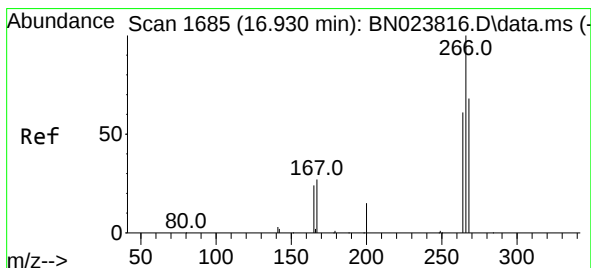
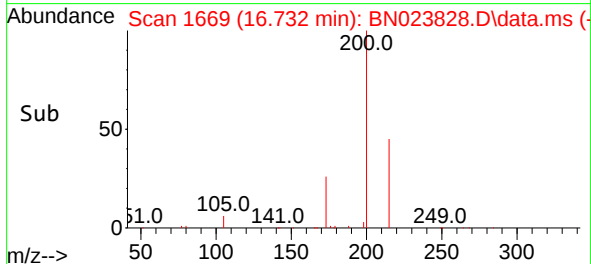
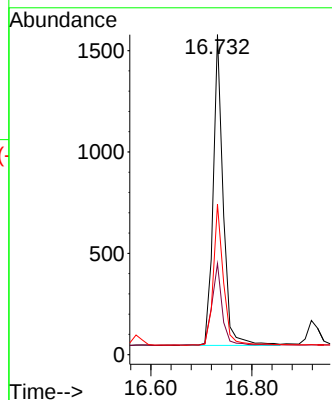
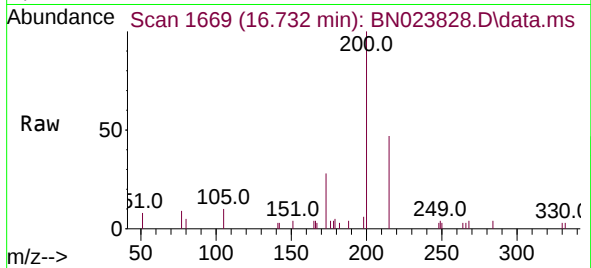




#23  
 Atrazine  
 Concen: 0.360 ng  
 RT: 16.732 min Scan# 1669  
 Delta R.T. 0.000 min  
 Lab File: BN023828.D  
 Acq: 26 Jan 2023 21:41

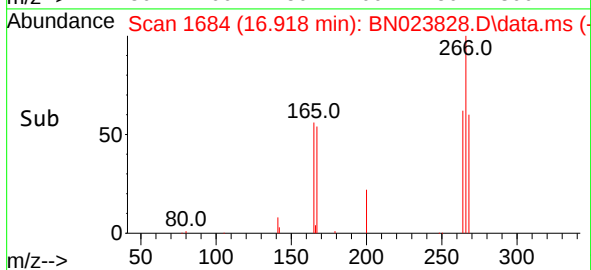
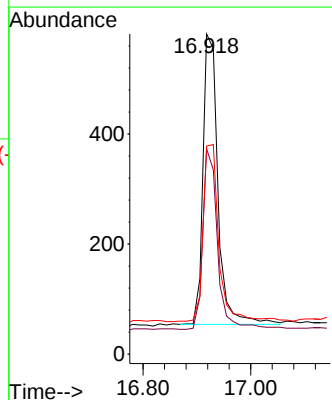
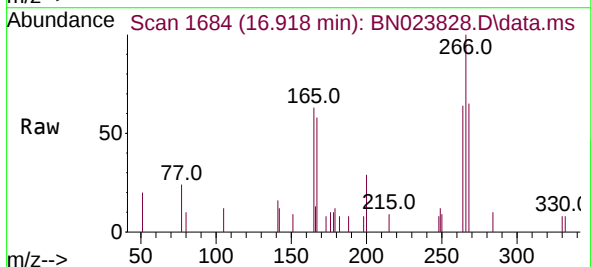
Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC0.4EC

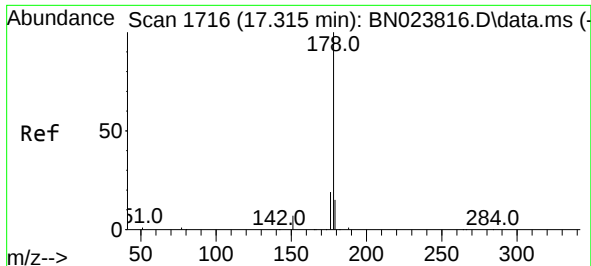
Tgt Ion:200 Resp: 2110  
 Ion Ratio Lower Upper  
 200 100  
 173 28.4 24.1 36.1  
 215 47.0 36.8 55.2



#24  
 Pentachlorophenol  
 Concen: 0.382 ng  
 RT: 16.918 min Scan# 1684  
 Delta R.T. -0.012 min  
 Lab File: BN023828.D  
 Acq: 26 Jan 2023 21:41

Tgt Ion:266 Resp: 1023  
 Ion Ratio Lower Upper  
 266 100  
 264 61.2 49.0 73.4  
 268 64.4 50.1 75.1

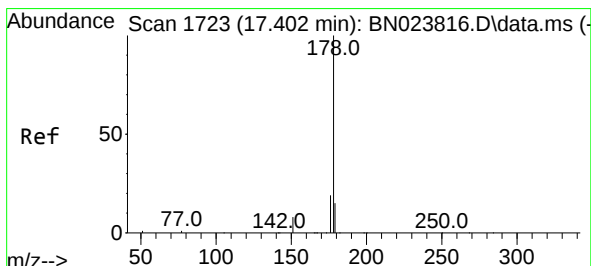
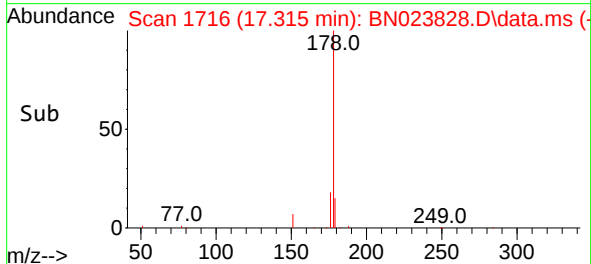
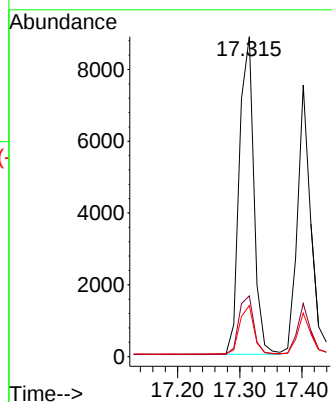
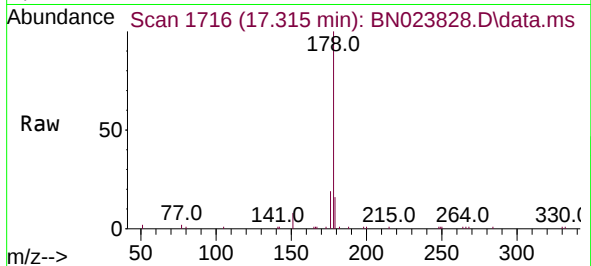




#25  
Phenanthrene  
Concen: 0.354 ng  
RT: 17.315 min Scan# 1716  
Delta R.T. 0.000 min  
Lab File: BN023828.D  
Acq: 26 Jan 2023 21:41

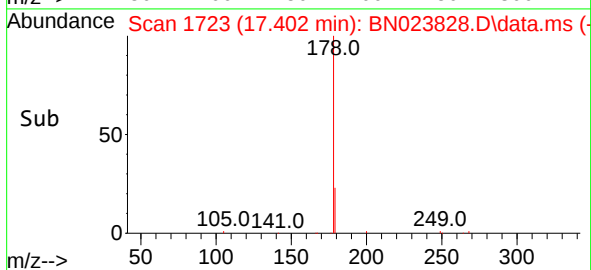
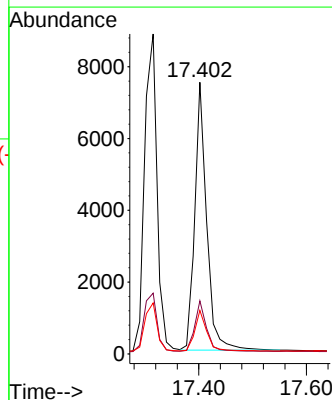
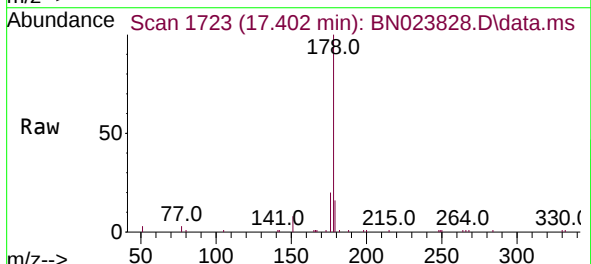
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

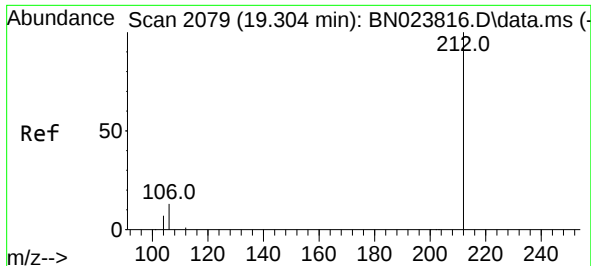
Tgt Ion:178 Resp: 14285  
Ion Ratio Lower Upper  
178 100  
176 19.2 15.5 23.3  
179 15.3 12.2 18.4



#26  
Anthracene  
Concen: 0.350 ng  
RT: 17.402 min Scan# 1723  
Delta R.T. 0.000 min  
Lab File: BN023828.D  
Acq: 26 Jan 2023 21:41

Tgt Ion:178 Resp: 11424  
Ion Ratio Lower Upper  
178 100  
176 18.7 15.0 22.6  
179 15.3 12.1 18.1

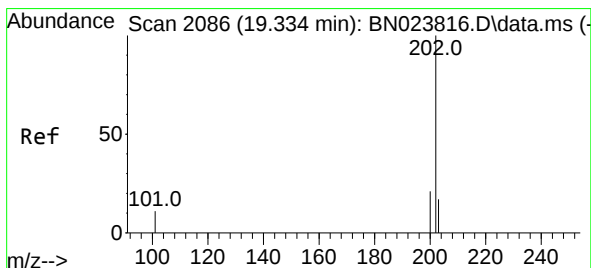
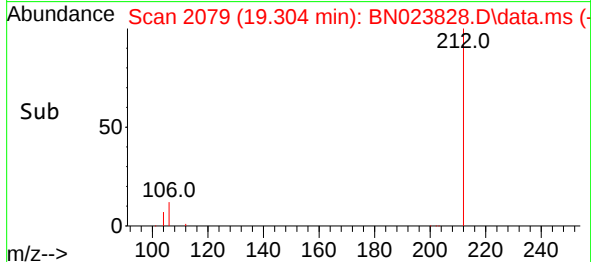
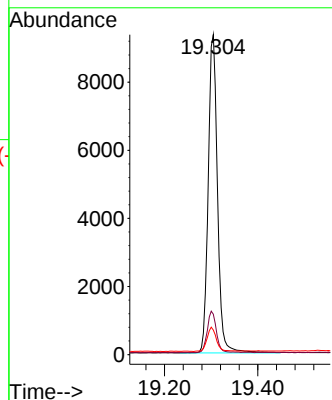
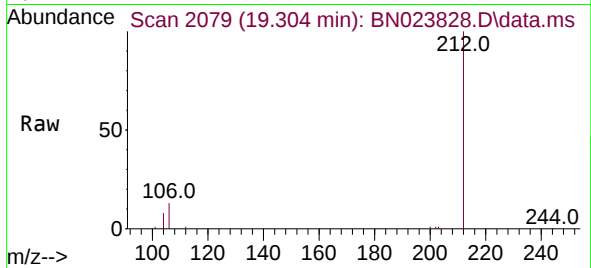




#27  
Fluoranthene-d10  
Concen: 0.381 ng  
RT: 19.304 min Scan# 2079  
Delta R.T. 0.000 min  
Lab File: BN023828.D  
Acq: 26 Jan 2023 21:41

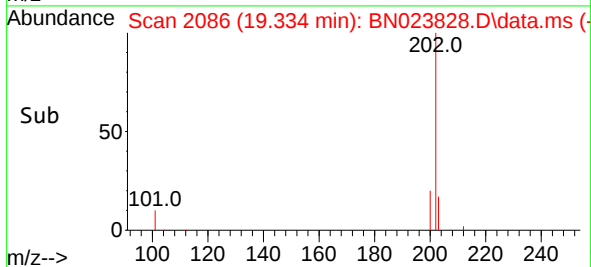
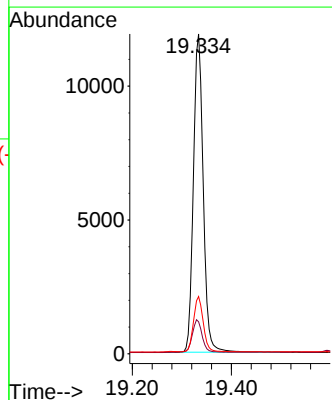
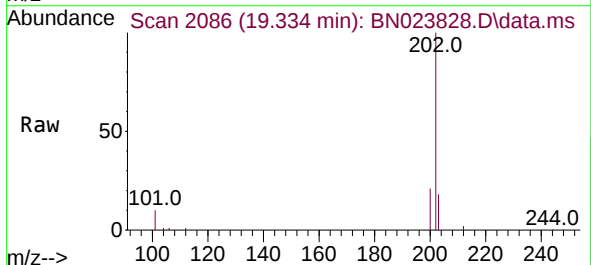
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

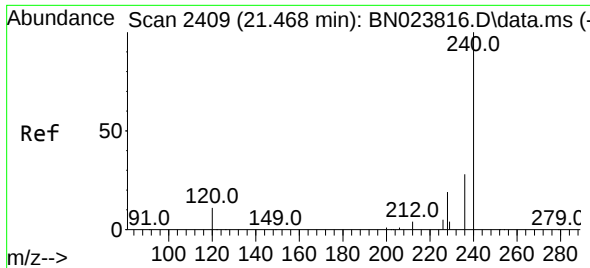
Tgt Ion:212 Resp: 12908  
Ion Ratio Lower Upper  
212 100  
106 12.6 10.8 16.2  
104 7.7 6.2 9.4



#28  
Fluoranthene  
Concen: 0.371 ng  
RT: 19.334 min Scan# 2086  
Delta R.T. 0.000 min  
Lab File: BN023828.D  
Acq: 26 Jan 2023 21:41

Tgt Ion:202 Resp: 16386  
Ion Ratio Lower Upper  
202 100  
101 10.2 9.1 13.7  
203 17.3 13.7 20.5

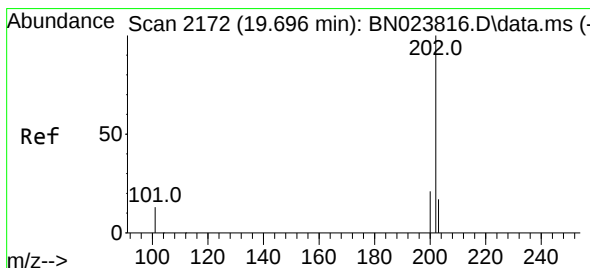
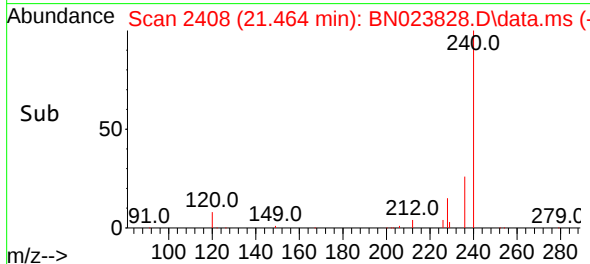
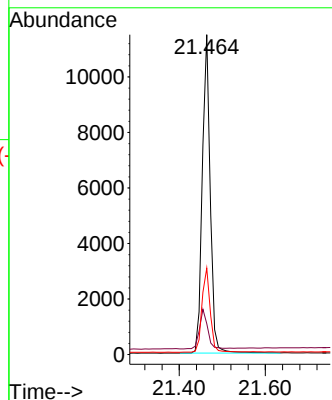
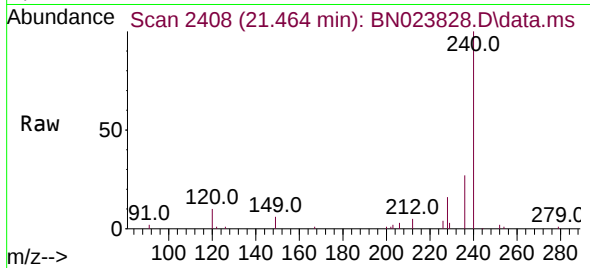




#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.464 min Scan# 2409  
Delta R.T. -0.004 min  
Lab File: BN023828.D  
Acq: 26 Jan 2023 21:41

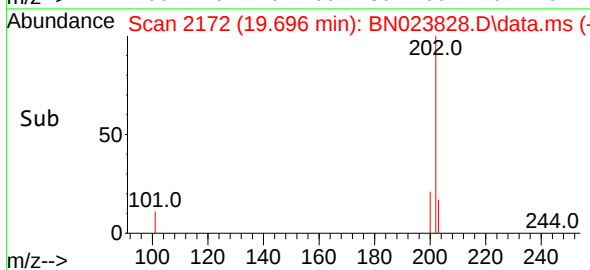
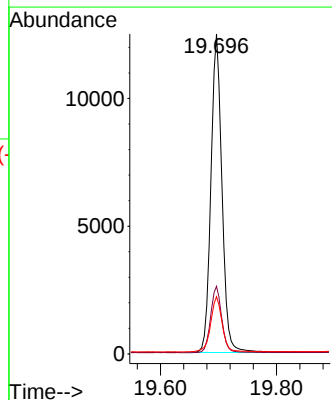
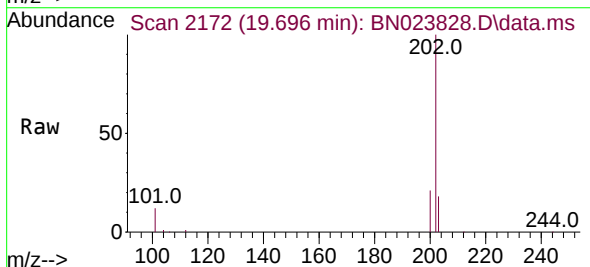
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

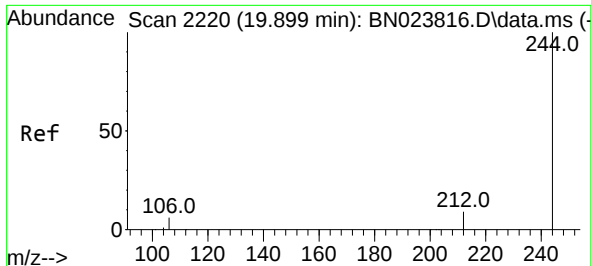
Tgt Ion:240 Resp: 14598  
Ion Ratio Lower Upper  
240 100  
120 9.7 10.6 15.8#  
236 27.0 22.5 33.7



#30  
Pyrene  
Concen: 0.333 ng  
RT: 19.696 min Scan# 2172  
Delta R.T. 0.000 min  
Lab File: BN023828.D  
Acq: 26 Jan 2023 21:41

Tgt Ion:202 Resp: 16492  
Ion Ratio Lower Upper  
202 100  
200 21.0 16.8 25.2  
203 18.0 14.1 21.1

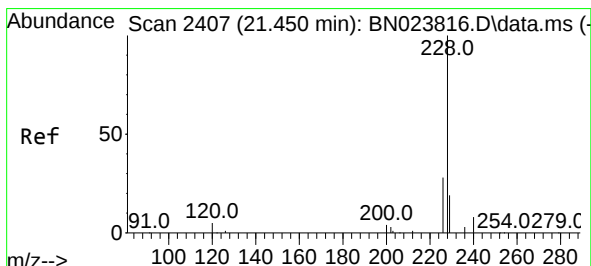
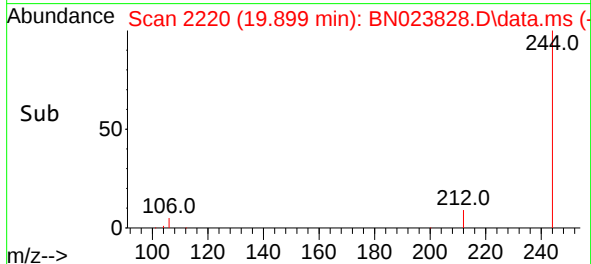
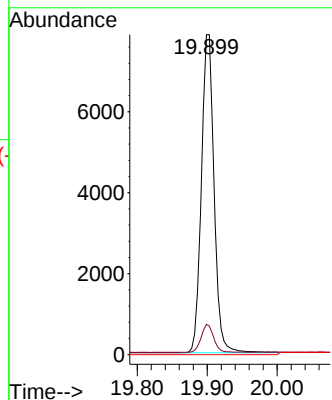
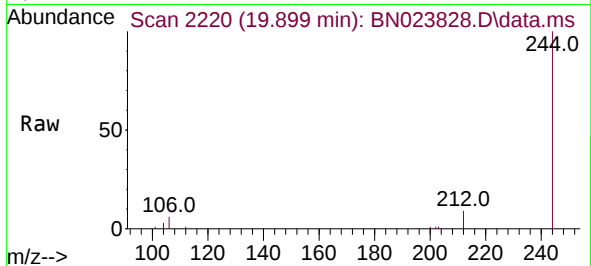




#31  
 Terphenyl-d14  
 Concen: 0.358 ng  
 RT: 19.899 min Scan# 21  
 Delta R.T. 0.000 min  
 Lab File: BN023828.D  
 Acq: 26 Jan 2023 21:41

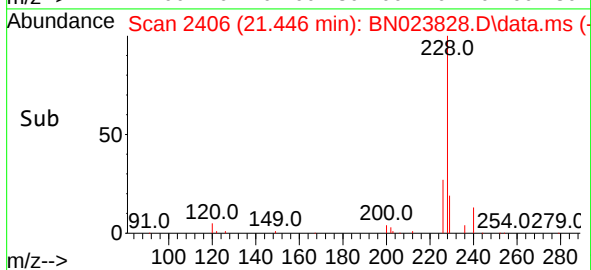
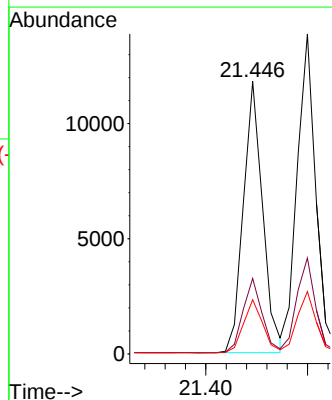
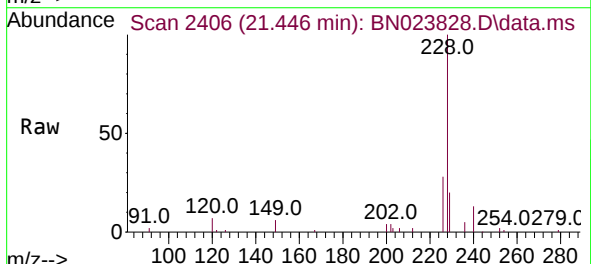
Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC0.4EC

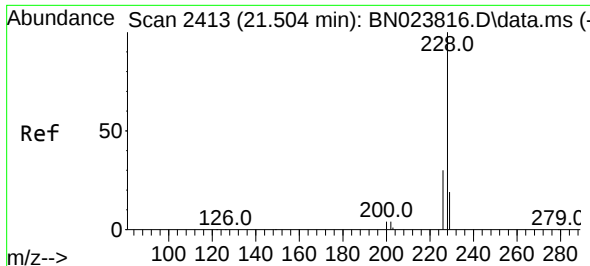
Tgt Ion:244 Resp: 9914  
 Ion Ratio Lower Upper  
 244 100  
 212 9.4 7.4 11.0  
 122 0.0 0.0 0.0



#32  
 Benzo(a)anthracene  
 Concen: 0.349 ng  
 RT: 21.446 min Scan# 2406  
 Delta R.T. -0.004 min  
 Lab File: BN023828.D  
 Acq: 26 Jan 2023 21:41

Tgt Ion:228 Resp: 15523  
 Ion Ratio Lower Upper  
 228 100  
 226 27.7 22.6 34.0  
 229 19.8 15.8 23.6





#33

Chrysene

Concen: 0.359 ng

RT: 21.500 min Scan# 2413

Delta R.T. -0.004 min

Lab File: BN023828.D

Acq: 26 Jan 2023 21:41

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4EC

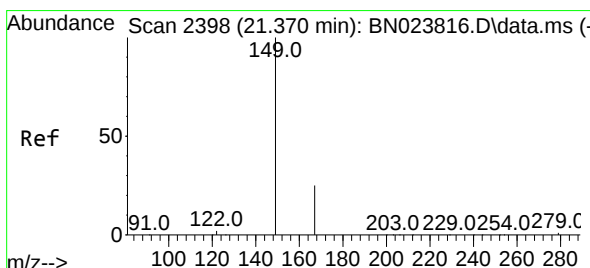
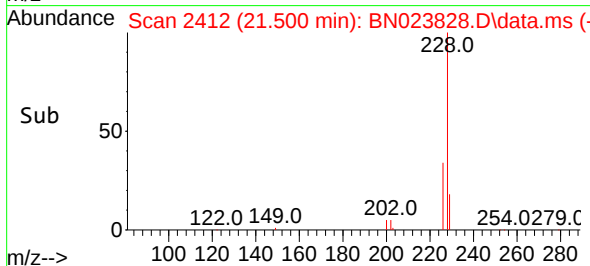
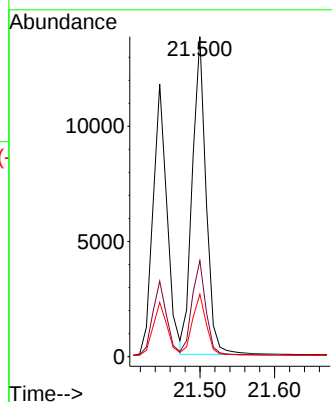
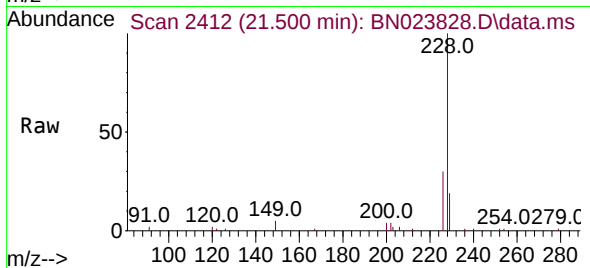
Tgt Ion:228 Resp: 17635

Ion Ratio Lower Upper

228 100

226 30.0 24.2 36.4

229 19.5 15.4 23.2



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.362 ng

RT: 21.365 min Scan# 2397

Delta R.T. -0.004 min

Lab File: BN023828.D

Acq: 26 Jan 2023 21:41

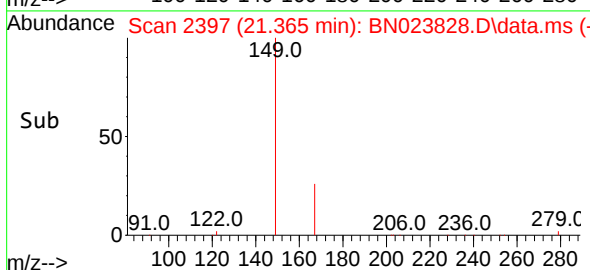
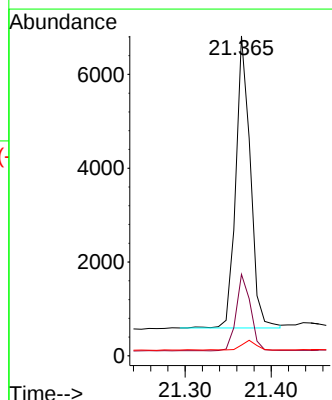
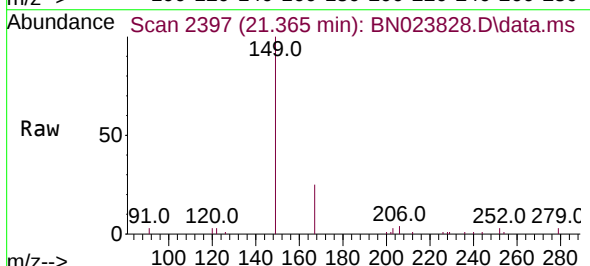
Tgt Ion:149 Resp: 7281

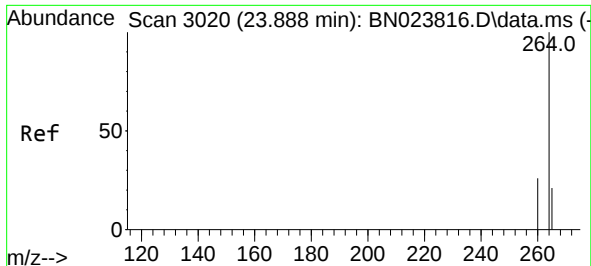
Ion Ratio Lower Upper

149 100

167 26.3 20.4 30.6

279 3.1 2.2 3.4

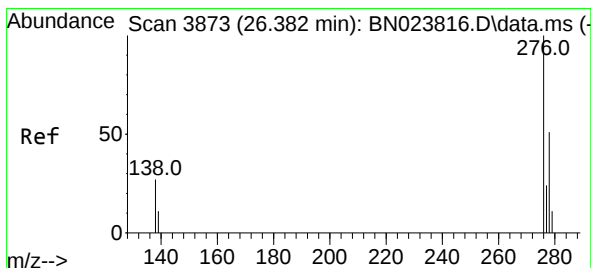
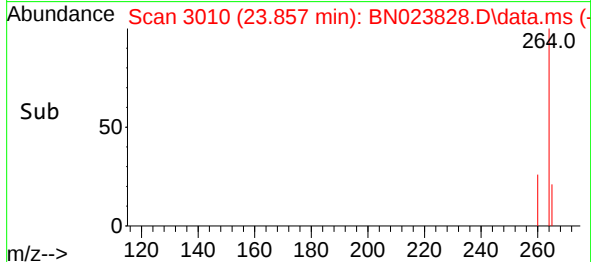
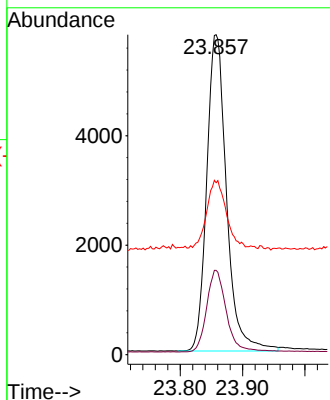
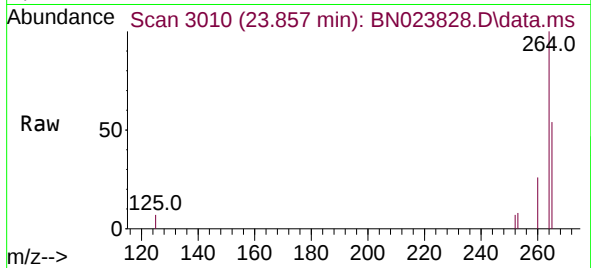




#35  
Perylene-d12  
Concen: 0.400 ng  
RT: 23.857 min Scan# 30  
Delta R.T. -0.030 min  
Lab File: BN023828.D  
Acq: 26 Jan 2023 21:41

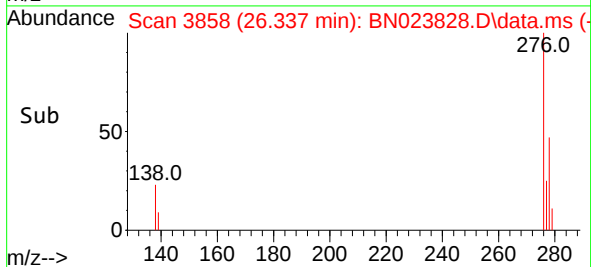
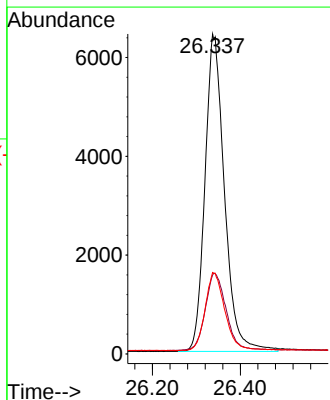
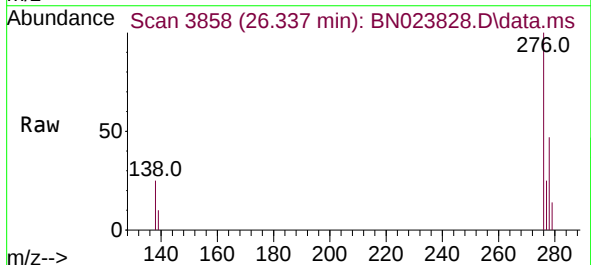
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

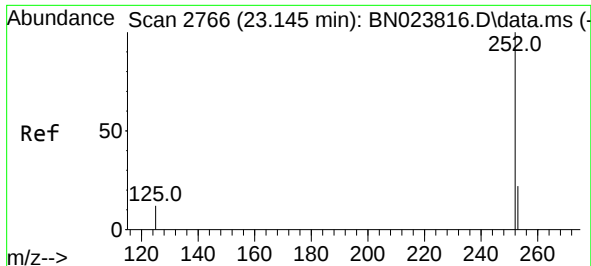
|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:264 | Resp: | 12745     |
| Ion Ratio   | Lower | Upper     |
| 264         | 100   |           |
| 260         | 26.3  | 21.5 32.3 |
| 265         | 53.7  | 44.5 66.7 |



#36  
Indeno(1,2,3-cd)pyrene  
Concen: 0.373 ng  
RT: 26.337 min Scan# 3858  
Delta R.T. -0.045 min  
Lab File: BN023828.D  
Acq: 26 Jan 2023 21:41

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:276 | Resp: | 19753     |
| Ion Ratio   | Lower | Upper     |
| 276         | 100   |           |
| 138         | 25.7  | 23.2 34.8 |
| 277         | 24.8  | 19.8 29.8 |





#37

Benzo(b)fluoranthene

Concen: 0.353 ng

RT: 23.129 min Scan# 21

Delta R.T. -0.016 min

Lab File: BN023828.D

Acq: 26 Jan 2023 21:41

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4EC

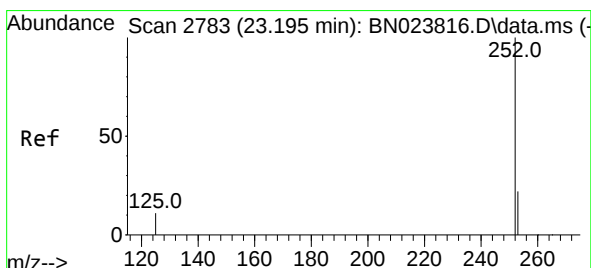
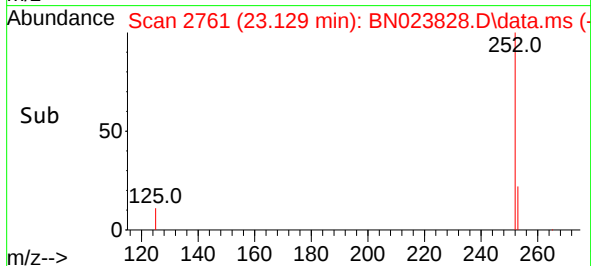
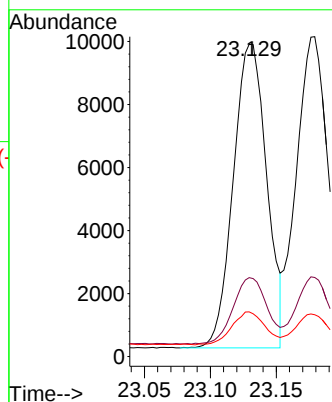
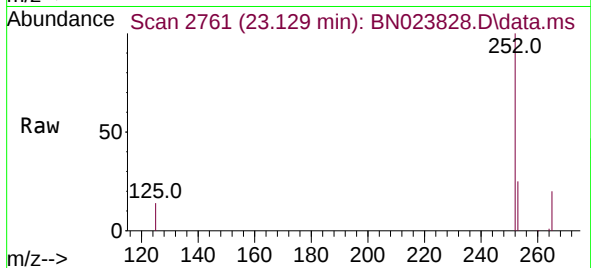
Tgt Ion:252 Resp: 16982

Ion Ratio Lower Upper

252 100

253 25.3 20.2 30.4

125 14.3 12.7 19.1



#38

Benzo(k)fluoranthene

Concen: 0.357 ng

RT: 23.179 min Scan# 2778

Delta R.T. -0.016 min

Lab File: BN023828.D

Acq: 26 Jan 2023 21:41

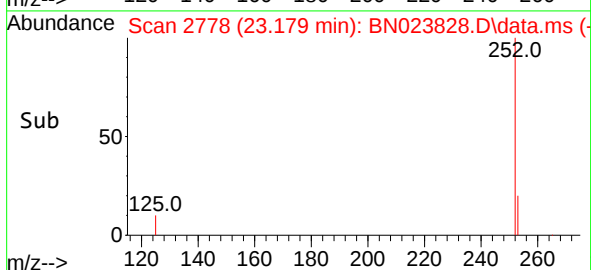
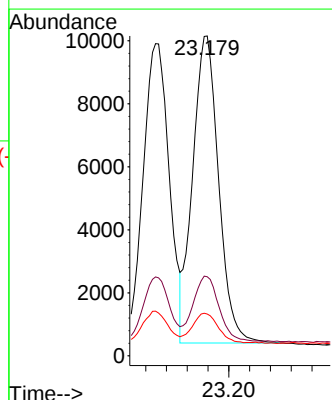
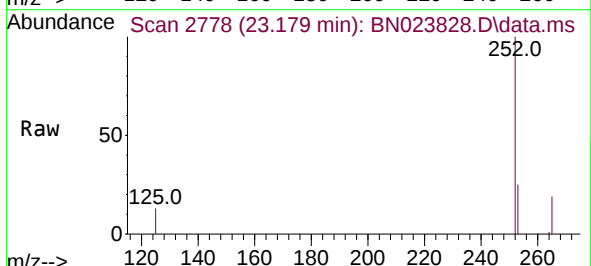
Tgt Ion:252 Resp: 16934

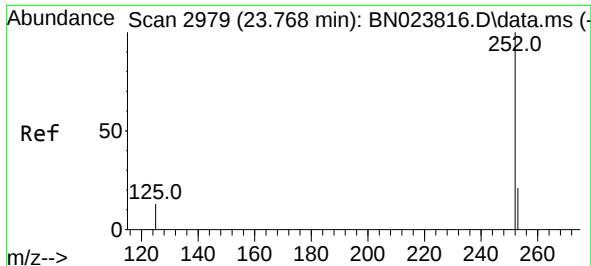
Ion Ratio Lower Upper

252 100

253 24.7 20.5 30.7

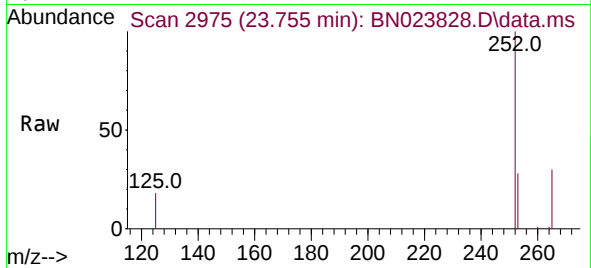
125 13.1 12.6 18.8



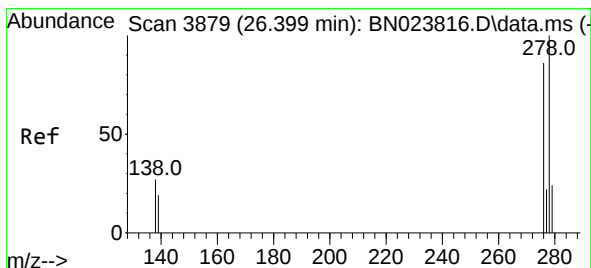
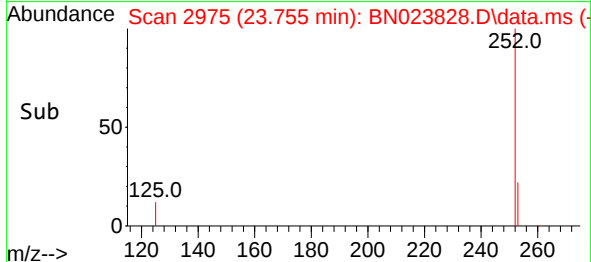
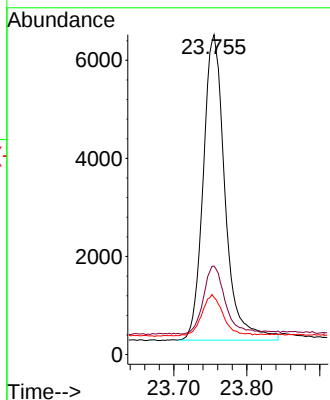


#39  
Benzo(a)pyrene  
Concen: 0.359 ng  
RT: 23.755 min Scan# 2975  
Delta R.T. -0.013 min  
Lab File: BN023828.D  
Acq: 26 Jan 2023 21:41

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

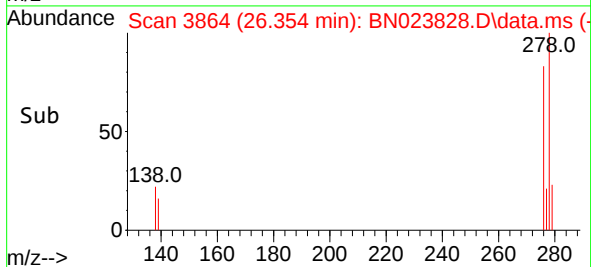
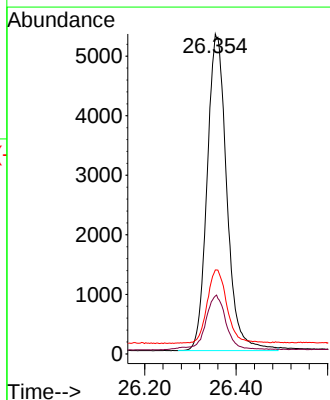
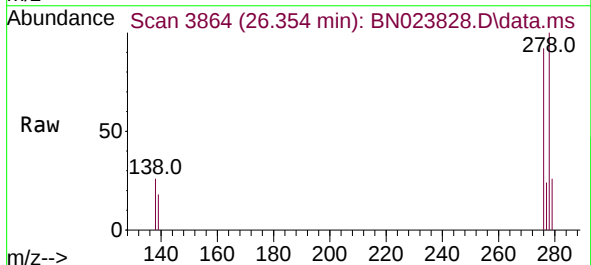


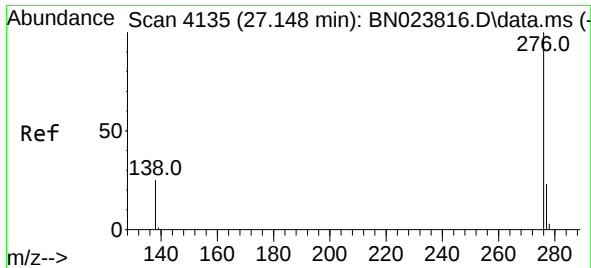
Tgt Ion:252 Resp: 12923  
Ion Ratio Lower Upper  
252 100  
253 27.7 22.0 33.0  
125 17.9 16.2 24.4



#40  
Dibenzo(a,h)anthracene  
Concen: 0.371 ng  
RT: 26.354 min Scan# 3864  
Delta R.T. -0.045 min  
Lab File: BN023828.D  
Acq: 26 Jan 2023 21:41

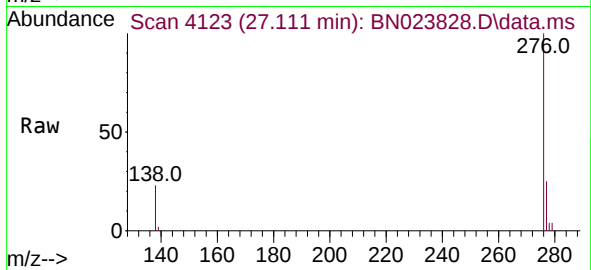
Tgt Ion:278 Resp: 15883  
Ion Ratio Lower Upper  
278 100  
139 18.1 16.5 24.7  
279 26.3 21.7 32.5





#41  
 Benzo(g,h,i)perylene  
 Concen: 0.368 ng  
 RT: 27.111 min Scan# 41  
 Delta R.T. -0.036 min  
 Lab File: BN023828.D  
 Acq: 26 Jan 2023 21:41

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC0.4EC



Tgt Ion:276 Resp: 16769  
 Ion Ratio Lower Upper  
 276 100  
 277 25.0 19.7 29.5  
 138 23.1 21.3 31.9

