

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN120522\  
 Data File : BN023056.D  
 Acq On : 05 Dec 2022 12:42  
 Operator : CG/JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC0.4

Quant Time: Dec 06 03:38:58 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN120522.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Dec 06 03:35:07 2022  
 Response via : Initial Calibration

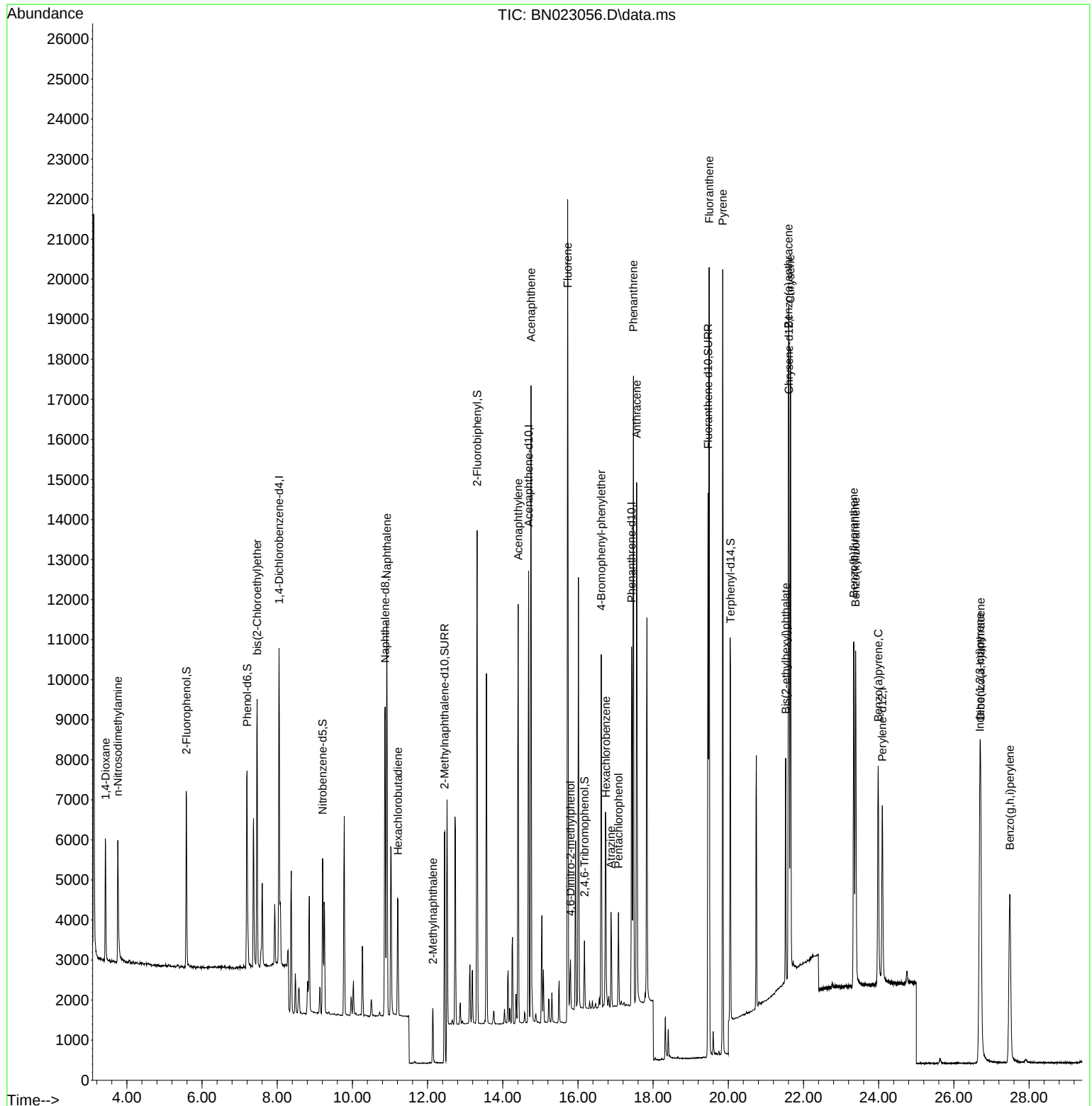
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.049  | 152  | 3616     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.872 | 136  | 10606    | 0.400 | ng    | # 0.01   |
| 13) Acenaphthene-d10          | 14.688 | 164  | 5889     | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.427 | 188  | 12654    | 0.400 | ng    | 0.00     |
| 29) Chrysene-d12              | 21.616 | 240  | 9134     | 0.400 | ng    | 0.00     |
| 35) Perylene-d12              | 24.097 | 264  | 6535     | 0.400 | ng    | # 0.00   |
|                               |        |      |          |       |       |          |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.587  | 112  | 3547     | 0.378 | ng    | 0.00     |
| 5) Phenol-d6                  | 7.197  | 99   | 4498     | 0.376 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 9.206  | 82   | 3058     | 0.371 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 12.450 | 152  | 7476     | 0.325 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 16.173 | 330  | 910      | 0.320 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 13.319 | 172  | 10294    | 0.382 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.460 | 212  | 15236    | 0.443 | ng    | 0.00     |
| 31) Terphenyl-d14             | 20.058 | 244  | 8255     | 0.385 | ng    | 0.00     |
|                               |        |      |          |       |       |          |
| Target Compounds              |        |      |          |       |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.434  | 88   | 1950     | 0.425 | ng    | 99       |
| 3) n-Nitrosodimethylamine     | 3.759  | 42   | 2168     | 0.438 | ng    | 96       |
| 6) bis(2-Chloroethyl)ether    | 7.464  | 93   | 4634     | 0.412 | ng    | 97       |
| 9) Naphthalene                | 10.915 | 128  | 12299    | 0.377 | ng    | 100      |
| 10) Hexachlorobutadiene       | 11.214 | 225  | 2440     | 0.364 | ng    | # 99     |
| 12) 2-Methylnaphthalene       | 12.140 | 142  | 1935     | 0.290 | ng    | 97       |
| 16) Acenaphthylene            | 14.410 | 152  | 10831    | 0.347 | ng    | 100      |
| 17) Acenaphthene              | 14.752 | 154  | 7799     | 0.380 | ng    | 99       |
| 18) Fluorene                  | 15.726 | 166  | 9709     | 0.370 | ng    | 96       |
| 20) 4,6-Dinitro-2-methylph... | 15.801 | 198  | 733      | 0.518 | ng    | 98       |
| 21) 4-Bromophenyl-phenylether | 16.620 | 248  | 3125     | 0.342 | ng    | 96       |
| 22) Hexachlorobenzene         | 16.744 | 284  | 3801     | 0.341 | ng    | 96       |
| 23) Atrazine                  | 16.881 | 200  | 1896     | 0.294 | ng    | 98       |
| 24) Pentachlorophenol         | 17.079 | 266  | 1062     | 0.348 | ng    | 99       |
| 25) Phenanthrene              | 17.477 | 178  | 16161    | 0.367 | ng    | 100      |
| 26) Anthracene                | 17.563 | 178  | 13431    | 0.352 | ng    | 100      |
| 28) Fluoranthene              | 19.490 | 202  | 17348    | 0.371 | ng    | 98       |
| 30) Pyrene                    | 19.852 | 202  | 17150    | 0.361 | ng    | 100      |
| 32) Benzo(a)anthracene        | 21.598 | 228  | 12601    | 0.341 | ng    | 100      |
| 33) Chrysene                  | 21.652 | 228  | 14237    | 0.372 | ng    | 99       |
| 34) Bis(2-ethylhexyl)phtha... | 21.527 | 149  | 5274     | 0.356 | ng    | 98       |
| 36) Indeno(1,2,3-cd)pyrene    | 26.690 | 276  | 11914    | 0.439 | ng    | 98       |
| 37) Benzo(b)fluoranthene      | 23.337 | 252  | 11668    | 0.400 | ng    | 98       |
| 38) Benzo(k)fluoranthene      | 23.387 | 252  | 11573    | 0.366 | ng    | 98       |
| 39) Benzo(a)pyrene            | 23.986 | 252  | 8791     | 0.395 | ng    | 95       |
| 40) Dibenzo(a,h)anthracene    | 26.714 | 278  | 9554     | 0.444 | ng    | 99       |
| 41) Benzo(g,h,i)perylene      | 27.489 | 276  | 9812     | 0.423 | ng    | 98       |
| -----                         |        |      |          |       |       |          |

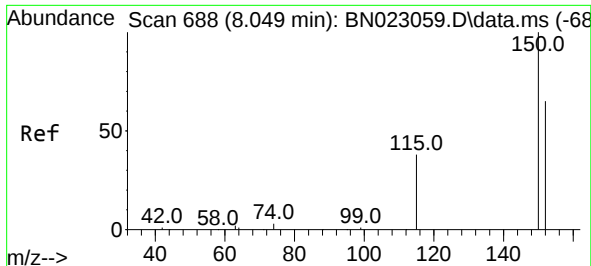
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN120522\  
Data File : BN023056.D  
Acq On : 05 Dec 2022 12:42  
Operator : CG/JU  
Sample : SSTDCCC0.4  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

Quant Time: Dec 06 03:38:58 2022  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN120522.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue Dec 06 03:35:07 2022  
Response via : Initial Calibration

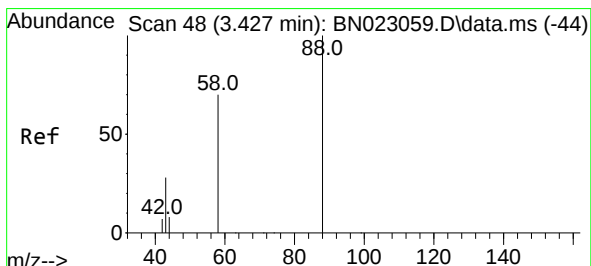
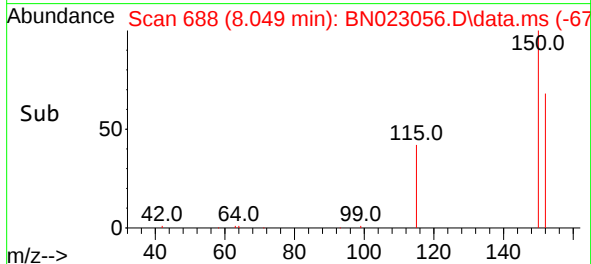
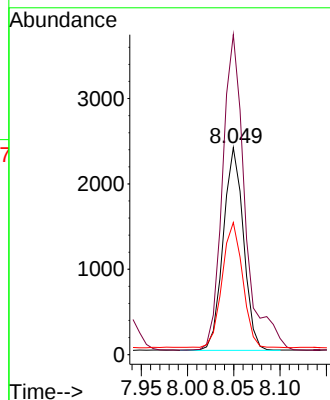
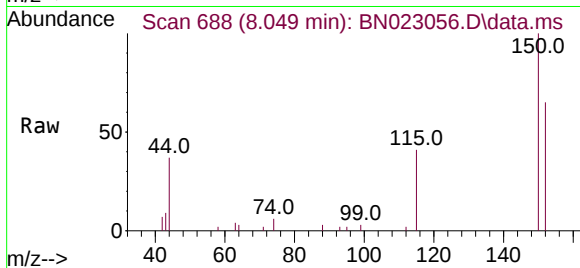




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 8.049 min Scan# 68  
 Delta R.T. 0.000 min  
 Lab File: BN023056.D  
 Acq: 05 Dec 2022 12:42

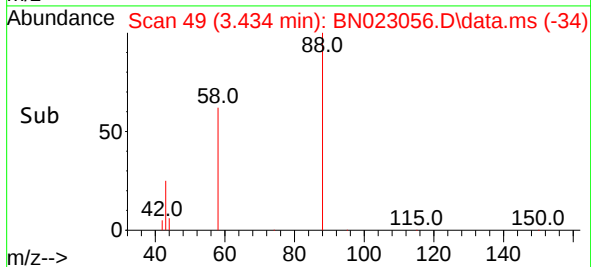
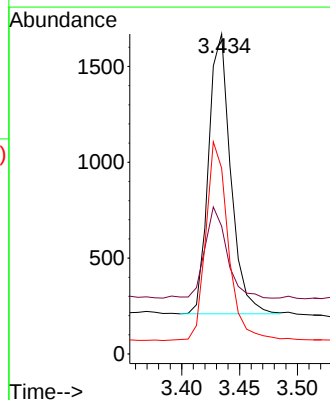
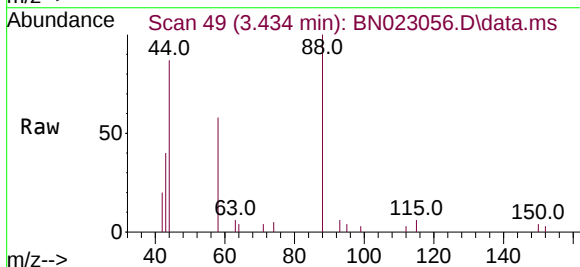
Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC0.4

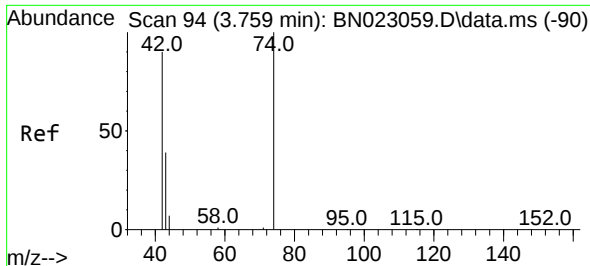
Tgt Ion:152 Resp: 3616  
 Ion Ratio Lower Upper  
 152 100  
 150 154.6 122.3 183.5  
 115 63.8 48.6 72.8



#2  
 1,4-Dioxane  
 Concen: 0.425 ng  
 RT: 3.434 min Scan# 49  
 Delta R.T. 0.007 min  
 Lab File: BN023056.D  
 Acq: 05 Dec 2022 12:42

Tgt Ion: 88 Resp: 1950  
 Ion Ratio Lower Upper  
 88 100  
 43 32.6 25.4 38.2  
 58 71.6 58.2 87.4



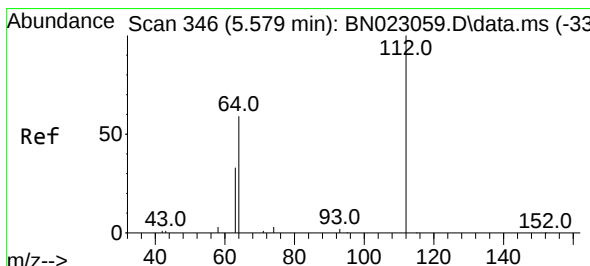
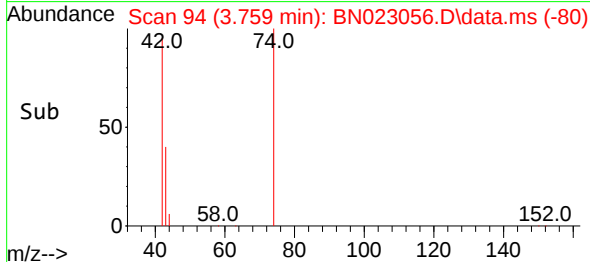
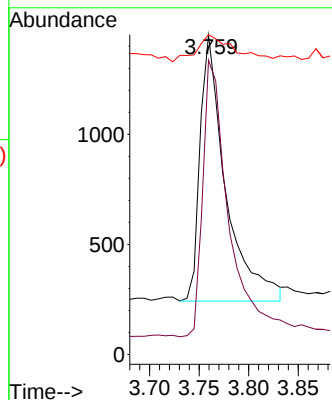
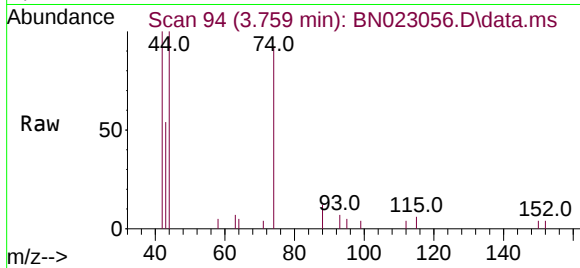


#3  
n-Nitrosodimethylamine  
Concen: 0.438 ng  
RT: 3.759 min Scan# 94  
Delta R.T. 0.000 min  
Lab File: BN023056.D  
Acq: 05 Dec 2022 12:42

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

Tgt Ion: 42 Resp: 2168

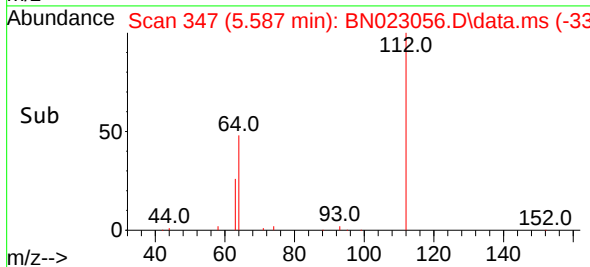
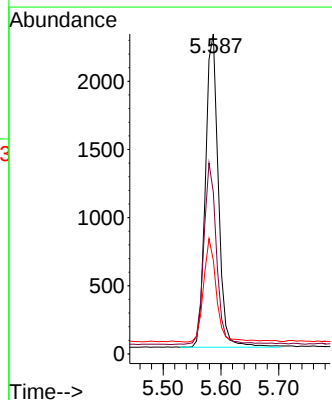
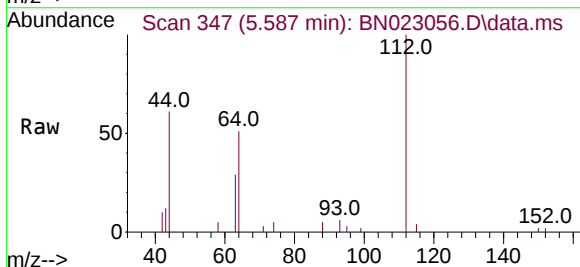
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 42  | 100   |       |       |
| 74  | 105.4 | 87.4  | 131.0 |
| 44  | 15.1  | 10.4  | 15.6  |

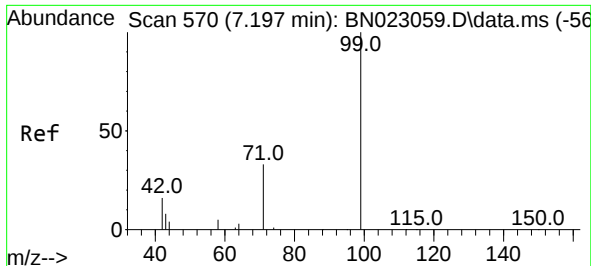


#4  
2-Fluorophenol  
Concen: 0.378 ng  
RT: 5.587 min Scan# 347  
Delta R.T. 0.007 min  
Lab File: BN023056.D  
Acq: 05 Dec 2022 12:42

Tgt Ion: 112 Resp: 3547

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 112 | 100   |       |       |
| 64  | 57.3  | 46.2  | 69.4  |
| 63  | 32.5  | 25.1  | 37.7  |

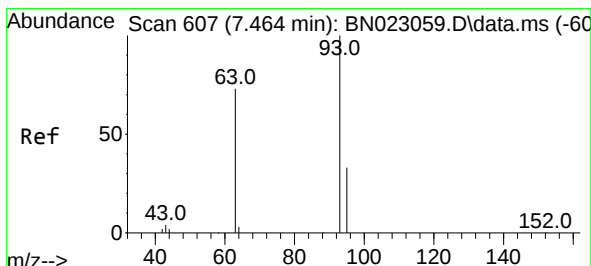
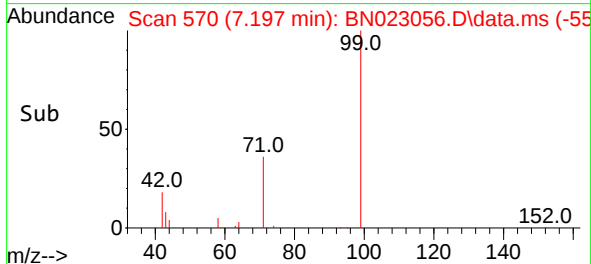
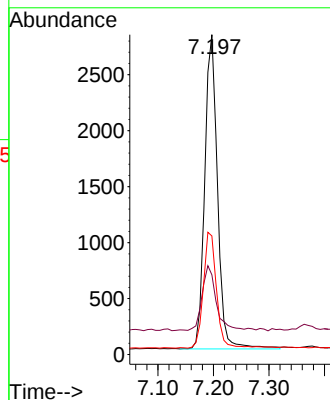
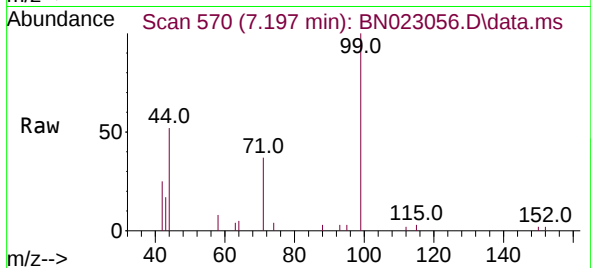




#5  
Phenol-d6  
Concen: 0.376 ng  
RT: 7.197 min Scan# 51  
Delta R.T. 0.000 min  
Lab File: BN023056.D  
Acq: 05 Dec 2022 12:42

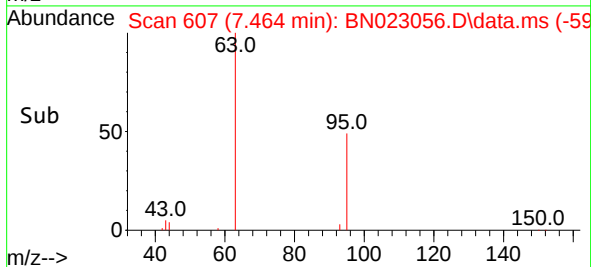
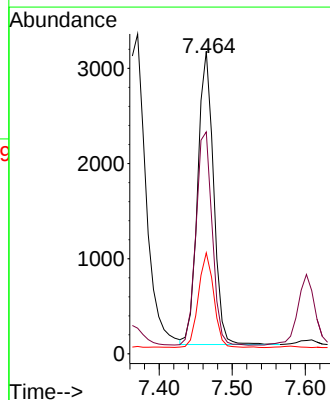
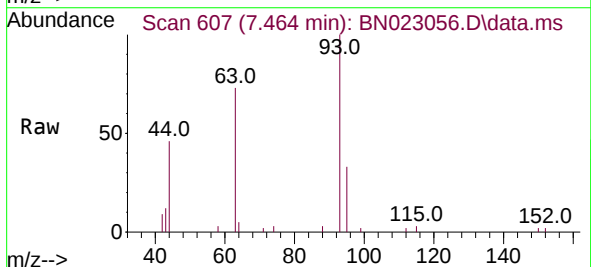
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

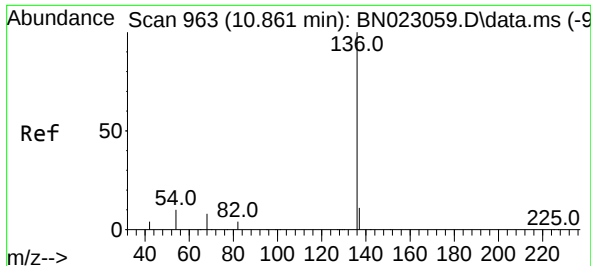
Tgt Ion: 99 Resp: 4498  
Ion Ratio Lower Upper  
99 100  
42 22.4 18.1 27.1  
71 38.2 28.2 42.2



#6  
bis(2-Chloroethyl)ether  
Concen: 0.412 ng  
RT: 7.464 min Scan# 607  
Delta R.T. 0.000 min  
Lab File: BN023056.D  
Acq: 05 Dec 2022 12:42

Tgt Ion: 93 Resp: 4634  
Ion Ratio Lower Upper  
93 100  
63 74.2 61.4 92.2  
95 31.4 25.9 38.9

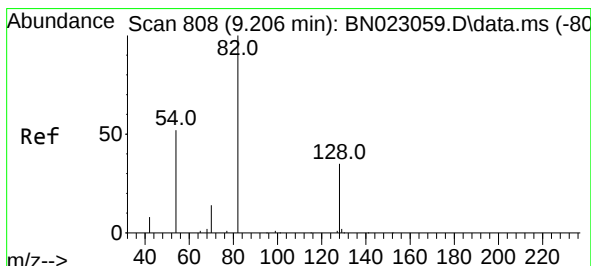
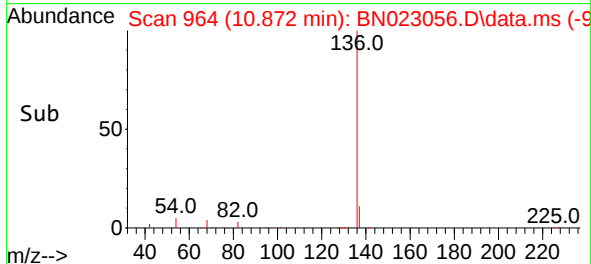
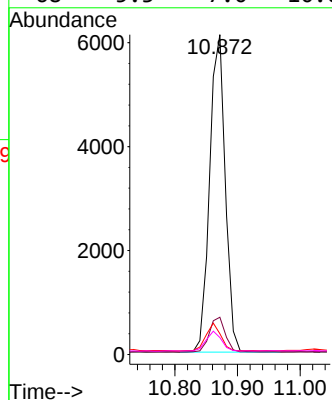
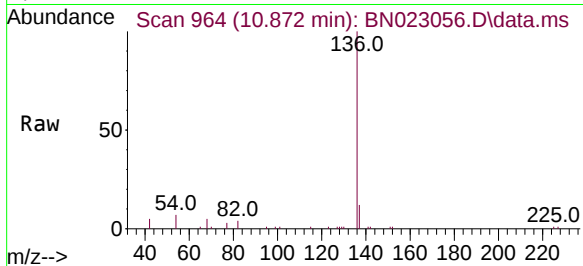




#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.872 min Scan# 964  
Delta R.T. 0.011 min  
Lab File: BN023056.D  
Acq: 05 Dec 2022 12:42

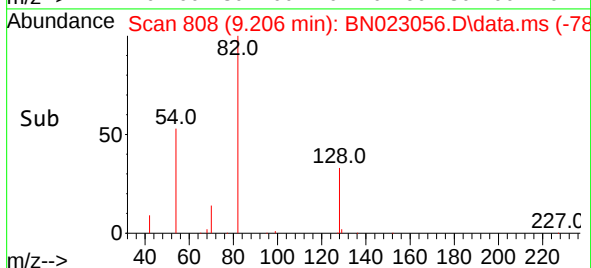
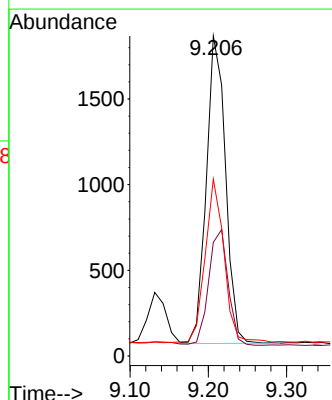
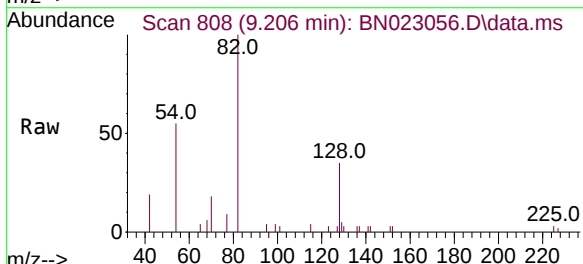
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

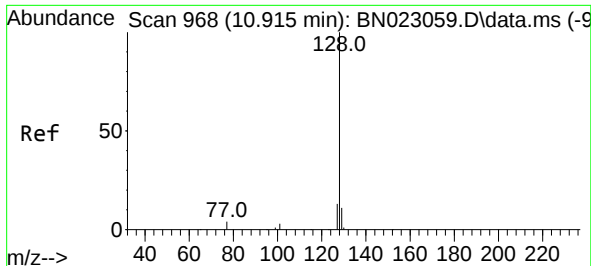
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 136   | Resp: | 10606 |
| Ion Ratio | Lower | Upper |       |
| 136       | 100   |       |       |
| 137       | 11.7  | 9.4   | 14.2  |
| 54        | 6.5   | 8.8   | 13.2# |
| 68        | 5.3   | 7.0   | 10.6# |



#8  
Nitrobenzene-d5  
Concen: 0.371 ng  
RT: 9.206 min Scan# 808  
Delta R.T. 0.000 min  
Lab File: BN023056.D  
Acq: 05 Dec 2022 12:42

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 82    | Resp: | 3058 |
| Ion Ratio | Lower | Upper |      |
| 82        | 100   |       |      |
| 128       | 35.5  | 29.9  | 44.9 |
| 54        | 55.2  | 44.2  | 66.2 |

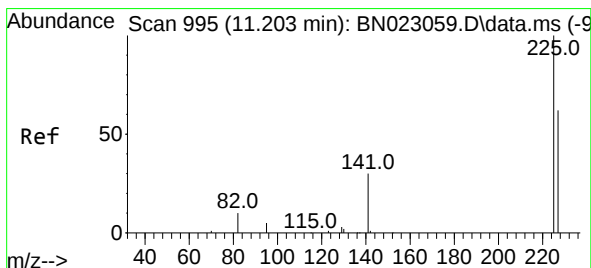
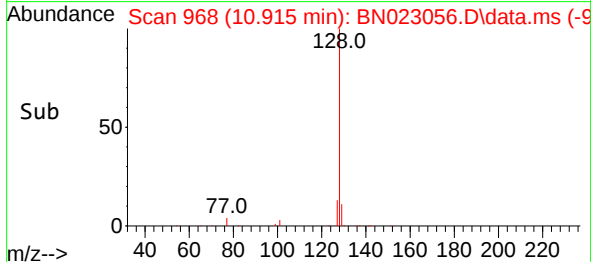
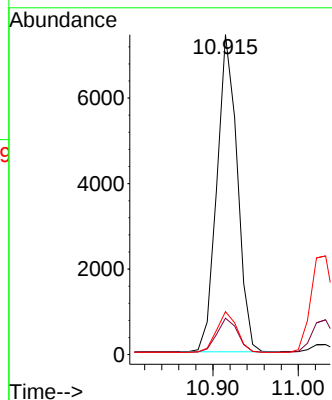
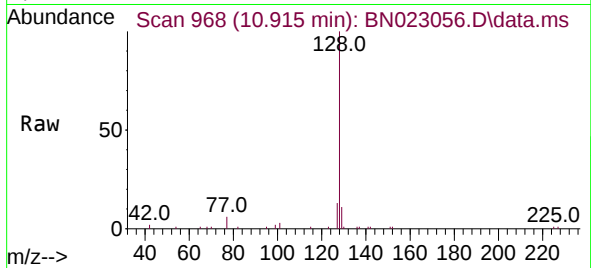




#9  
Naphthalene  
Concen: 0.377 ng  
RT: 10.915 min Scan# 968  
Delta R.T. 0.000 min  
Lab File: BN023056.D  
Acq: 05 Dec 2022 12:42

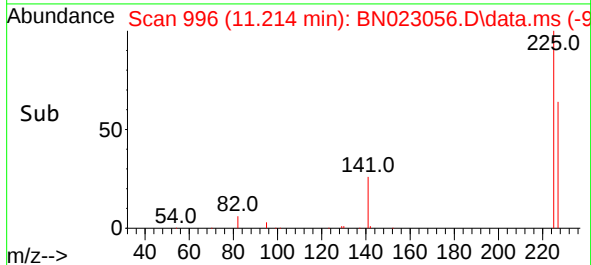
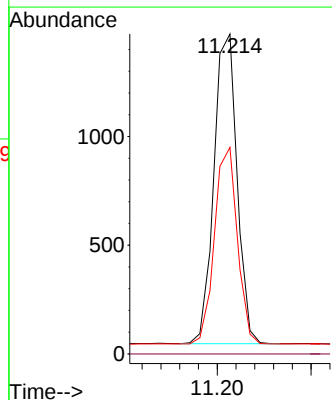
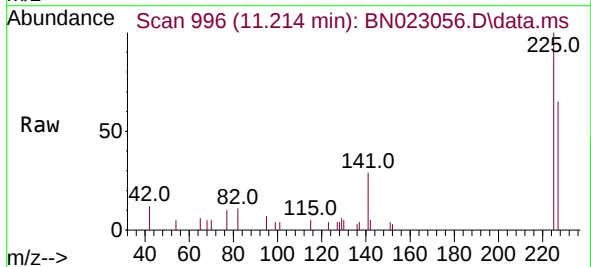
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

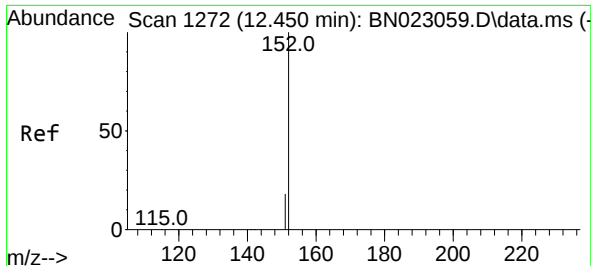
|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:128 | Resp: | 12299     |
| Ion Ratio   | Lower | Upper     |
| 128         | 100   |           |
| 129         | 11.4  | 9.2 13.8  |
| 127         | 13.4  | 10.9 16.3 |



#10  
Hexachlorobutadiene  
Concen: 0.364 ng  
RT: 11.214 min Scan# 996  
Delta R.T. 0.011 min  
Lab File: BN023056.D  
Acq: 05 Dec 2022 12:42

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:225 | Resp: | 2440      |
| Ion Ratio   | Lower | Upper     |
| 225         | 100   |           |
| 223         | 0.0   | 0.0 0.0   |
| 227         | 62.5  | 50.8 76.2 |

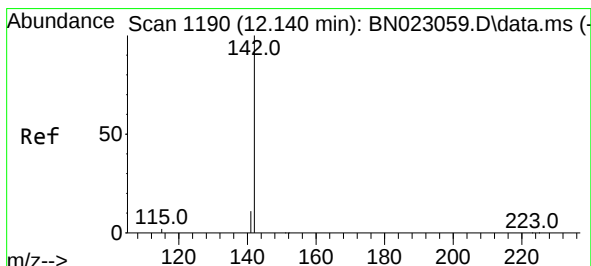
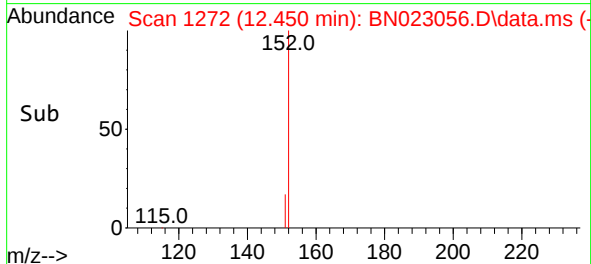
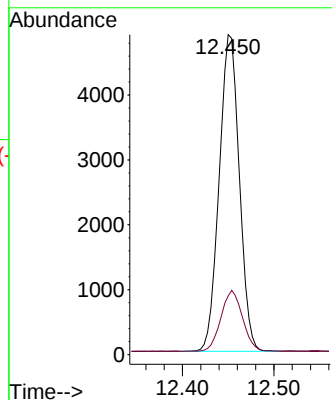
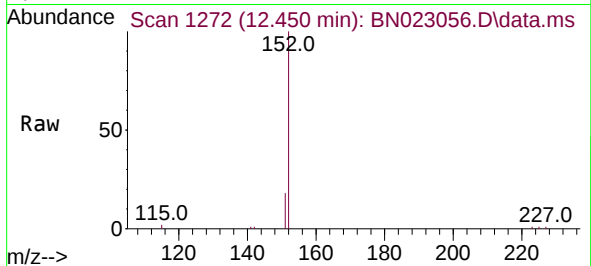




#11  
2-Methylnaphthalene-d10  
Concen: 0.325 ng  
RT: 12.450 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BN023056.D  
Acq: 05 Dec 2022 12:42

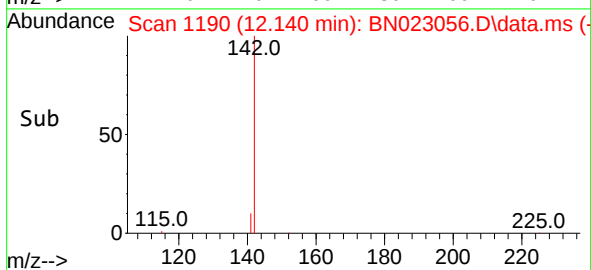
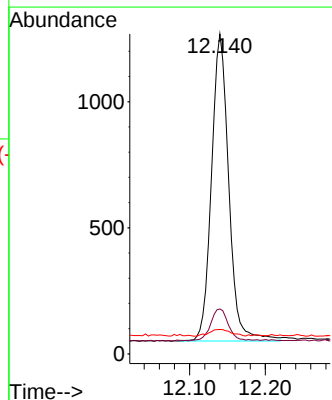
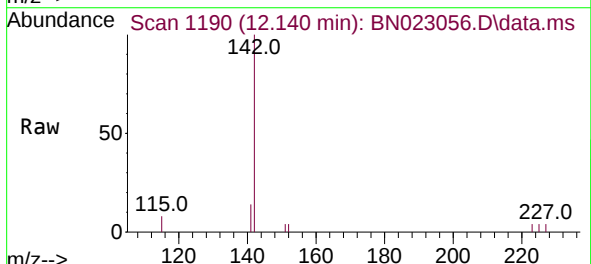
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

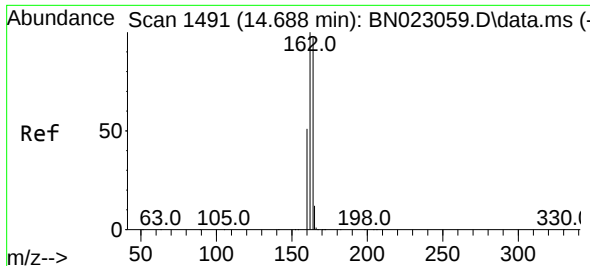
Tgt Ion:152 Resp: 7476  
Ion Ratio Lower Upper  
152 100  
151 22.0 18.9 28.3



#12  
2-Methylnaphthalene  
Concen: 0.290 ng  
RT: 12.140 min Scan# 1190  
Delta R.T. 0.000 min  
Lab File: BN023056.D  
Acq: 05 Dec 2022 12:42

Tgt Ion:142 Resp: 1935  
Ion Ratio Lower Upper  
142 100  
141 14.0 12.3 18.5  
115 7.6 6.9 10.3

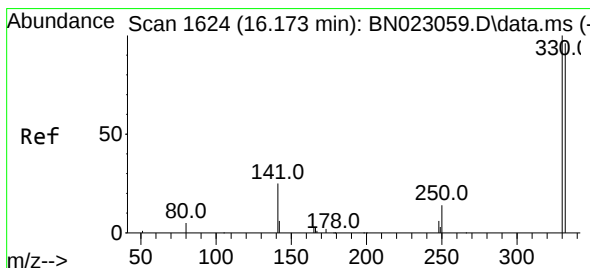
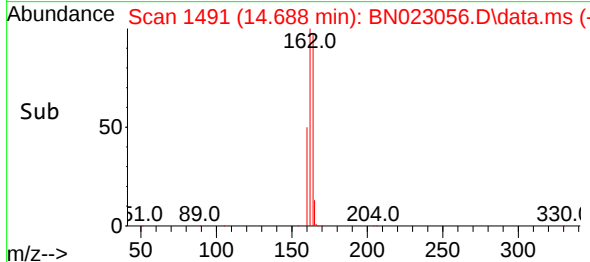
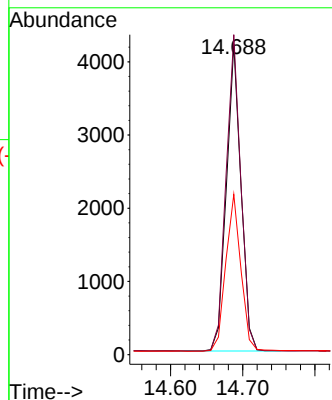
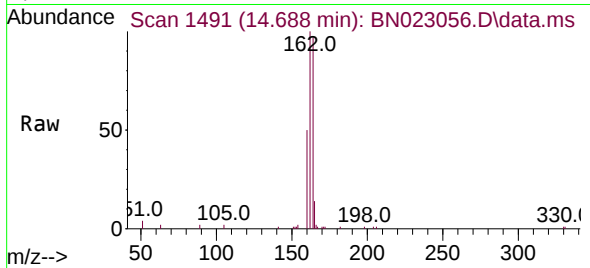




#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.688 min Scan# 1491  
Delta R.T. 0.000 min  
Lab File: BN023056.D  
Acq: 05 Dec 2022 12:42

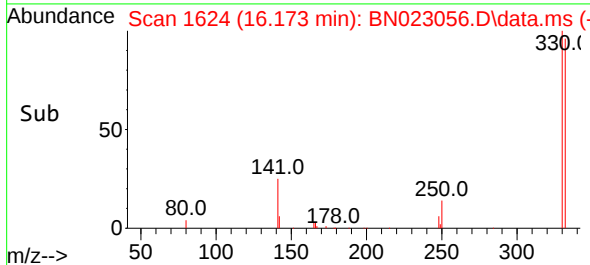
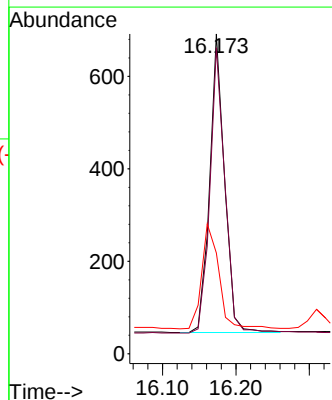
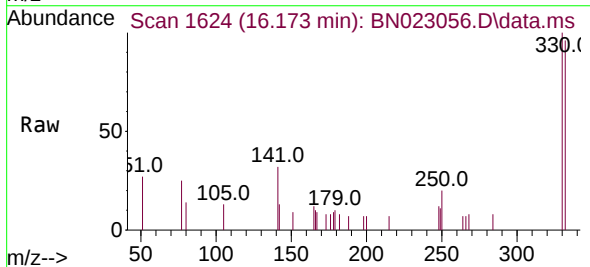
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

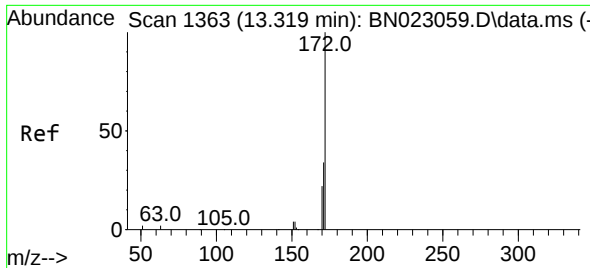
Tgt Ion:164 Resp: 5889  
Ion Ratio Lower Upper  
164 100  
162 103.1 82.7 124.1  
160 51.6 42.6 63.8



#14  
2,4,6-Tribromophenol  
Concen: 0.320 ng  
RT: 16.173 min Scan# 1624  
Delta R.T. 0.000 min  
Lab File: BN023056.D  
Acq: 05 Dec 2022 12:42

Tgt Ion:330 Resp: 910  
Ion Ratio Lower Upper  
330 100  
332 96.6 77.1 115.7  
141 40.5 36.7 55.1

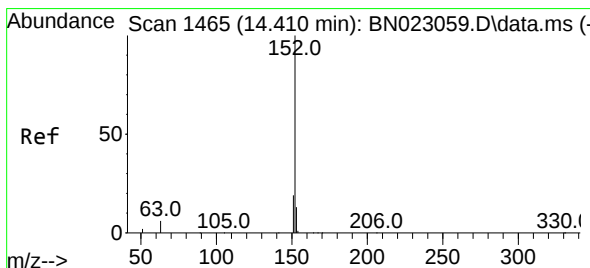
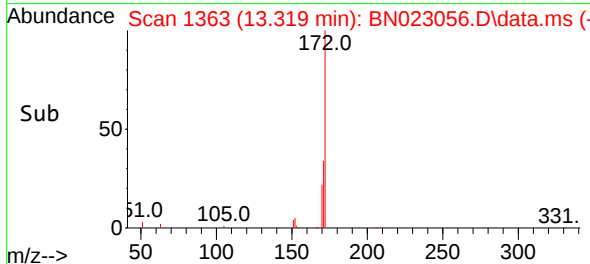
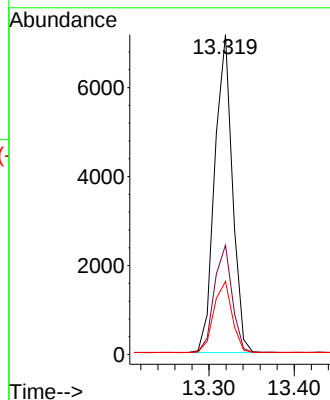
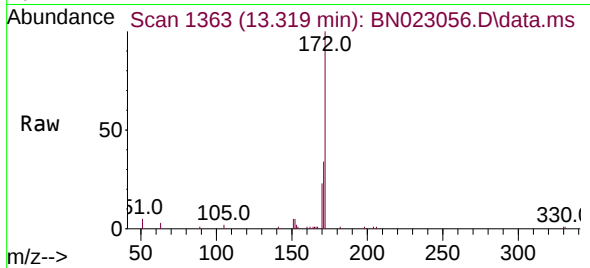




#15  
2-Fluorobiphenyl  
Concen: 0.382 ng  
RT: 13.319 min Scan# 1363  
Delta R.T. 0.000 min  
Lab File: BN023056.D  
Acq: 05 Dec 2022 12:42

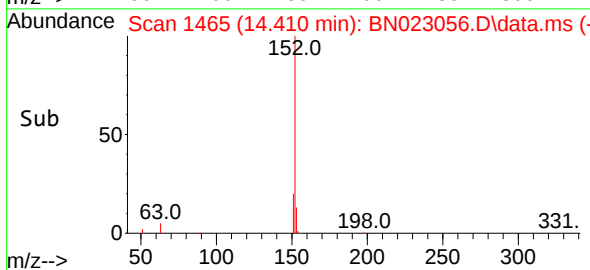
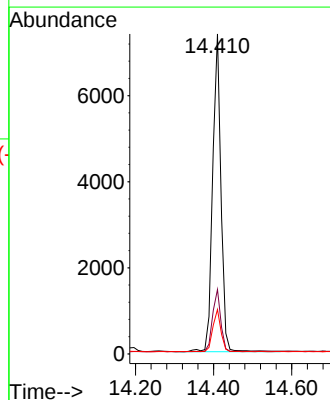
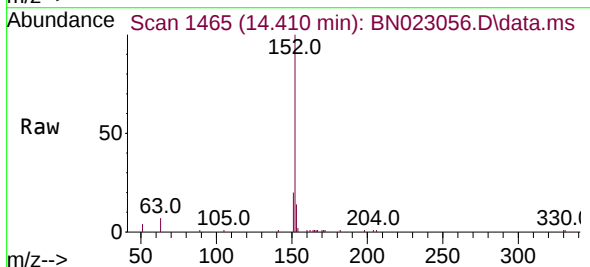
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

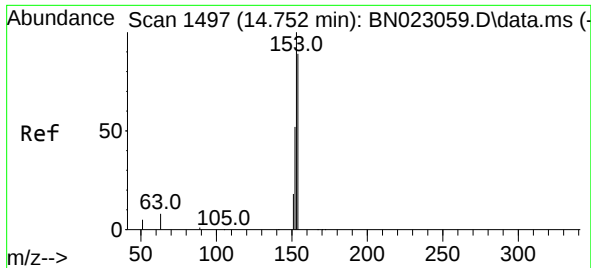
Tgt Ion:172 Resp: 10294  
Ion Ratio Lower Upper  
172 100  
171 34.2 27.3 40.9  
170 22.9 18.3 27.5



#16  
Acenaphthylene  
Concen: 0.347 ng  
RT: 14.410 min Scan# 1465  
Delta R.T. 0.000 min  
Lab File: BN023056.D  
Acq: 05 Dec 2022 12:42

Tgt Ion:152 Resp: 10831  
Ion Ratio Lower Upper  
152 100  
151 19.4 15.7 23.5  
153 13.0 10.4 15.6

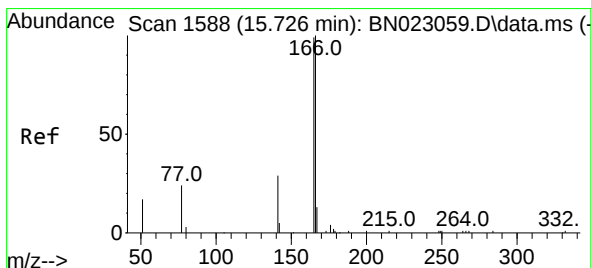
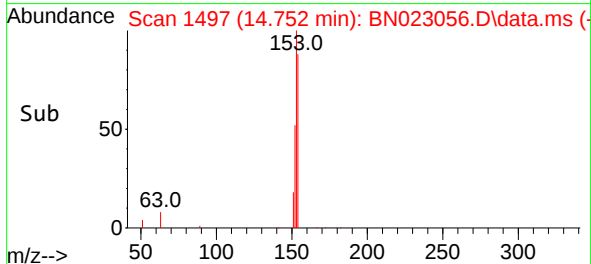
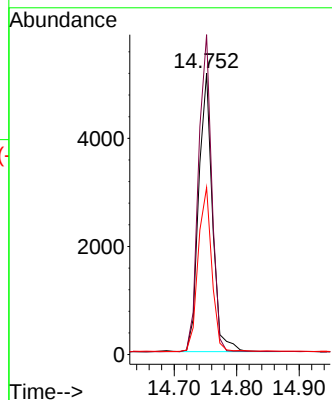
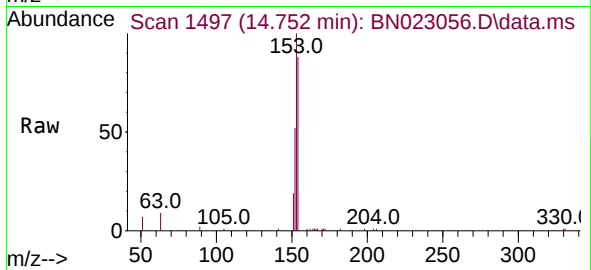




#17  
Acenaphthene  
Concen: 0.380 ng  
RT: 14.752 min Scan# 1497  
Delta R.T. 0.000 min  
Lab File: BN023056.D  
Acq: 05 Dec 2022 12:42

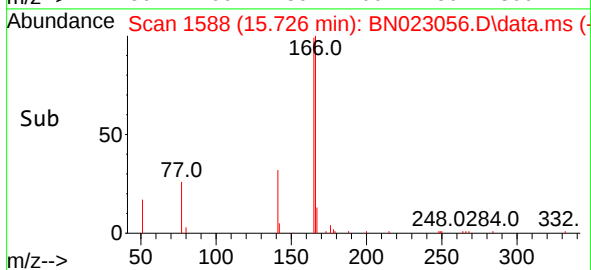
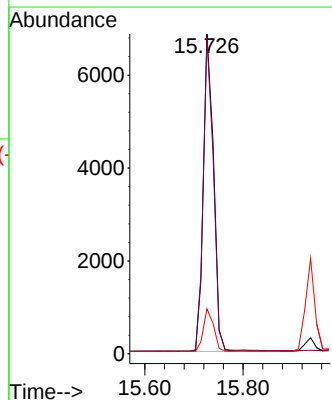
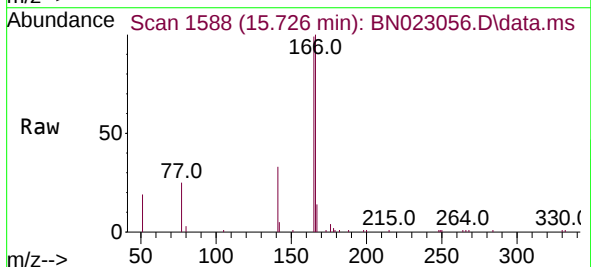
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

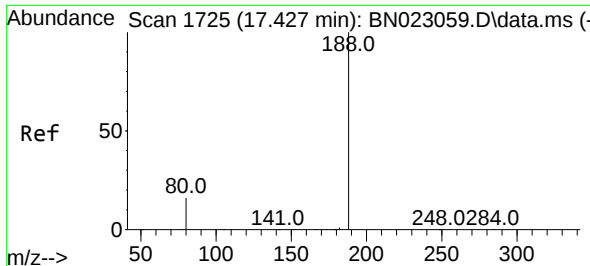
Tgt Ion:154 Resp: 7799  
Ion Ratio Lower Upper  
154 100  
153 110.3 88.2 132.4  
152 58.6 48.2 72.2



#18  
Fluorene  
Concen: 0.370 ng  
RT: 15.726 min Scan# 1588  
Delta R.T. 0.000 min  
Lab File: BN023056.D  
Acq: 05 Dec 2022 12:42

Tgt Ion:166 Resp: 9709  
Ion Ratio Lower Upper  
166 100  
165 98.3 82.2 123.4  
167 13.1 11.4 17.0

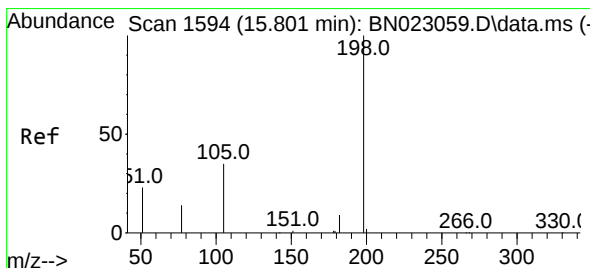
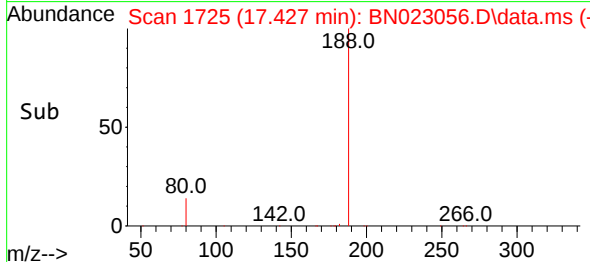
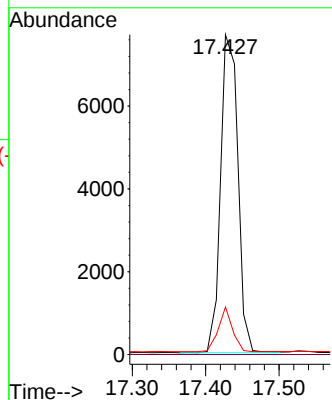
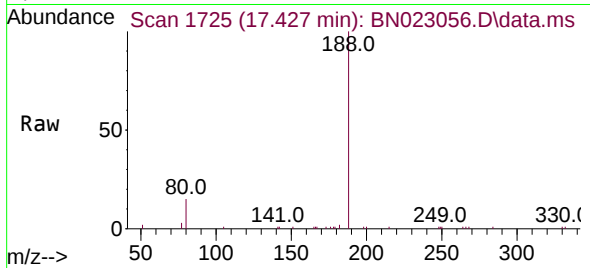




#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.427 min Scan# 1725  
Delta R.T. 0.000 min  
Lab File: BN023056.D  
Acq: 05 Dec 2022 12:42

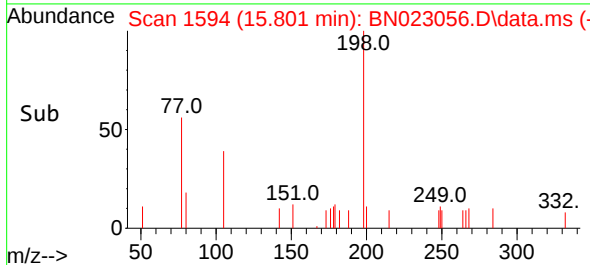
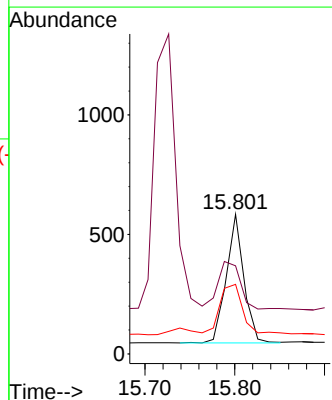
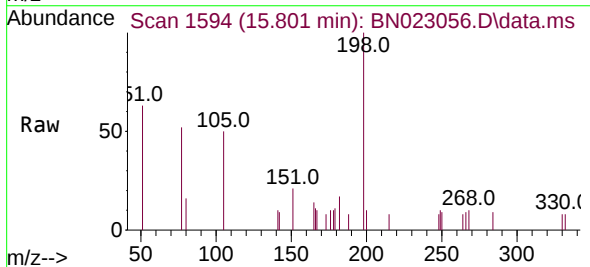
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

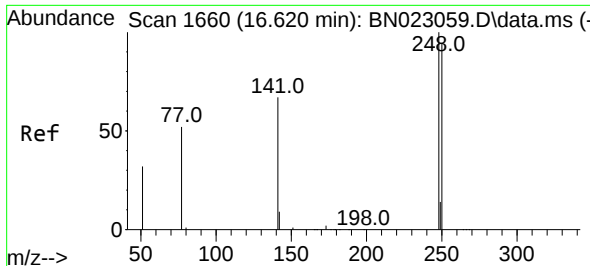
Tgt Ion:188 Resp: 12654  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 14.9 13.3 19.9



#20  
4,6-Dinitro-2-methylphenol  
Concen: 0.518 ng  
RT: 15.801 min Scan# 1594  
Delta R.T. 0.000 min  
Lab File: BN023056.D  
Acq: 05 Dec 2022 12:42

Tgt Ion:198 Resp: 733  
Ion Ratio Lower Upper  
198 100  
51 63.2 51.8 77.6  
105 49.8 40.7 61.1





#21

4-Bromophenyl-phenylether

Concen: 0.342 ng

RT: 16.620 min Scan# 1660

Delta R.T. 0.000 min

Lab File: BN023056.D

Acq: 05 Dec 2022 12:42

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4

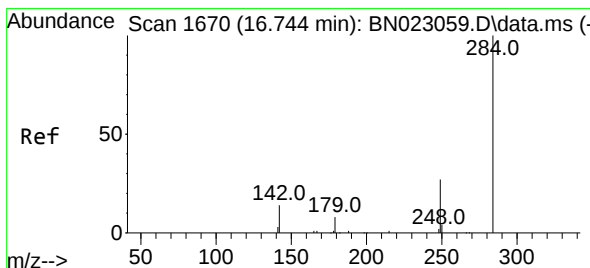
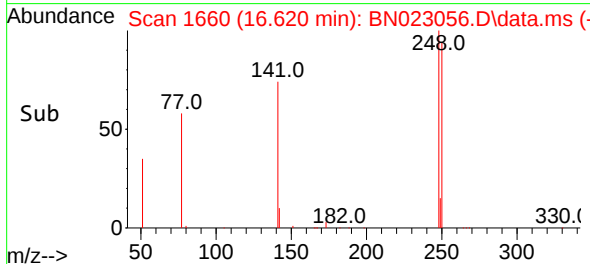
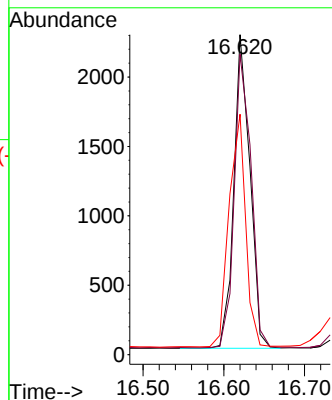
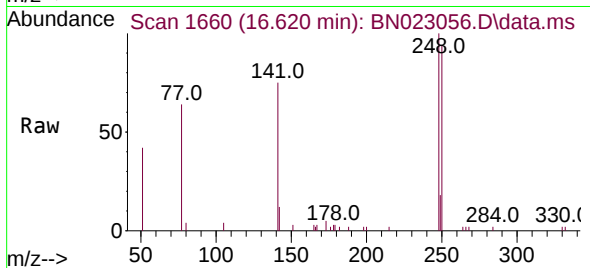
Tgt Ion:248 Resp: 3125

Ion Ratio Lower Upper

248 100

250 93.9 75.8 113.6

141 75.2 54.3 81.5



#22

Hexachlorobenzene

Concen: 0.341 ng

RT: 16.744 min Scan# 1670

Delta R.T. 0.000 min

Lab File: BN023056.D

Acq: 05 Dec 2022 12:42

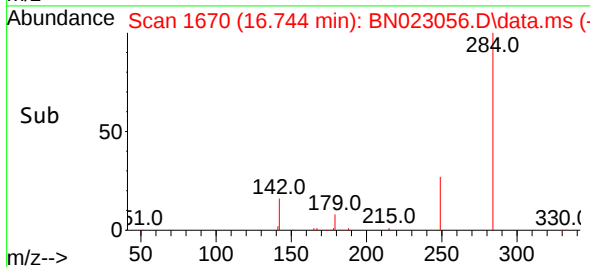
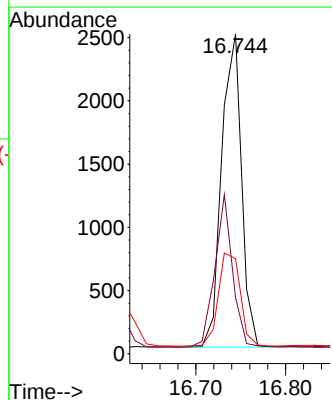
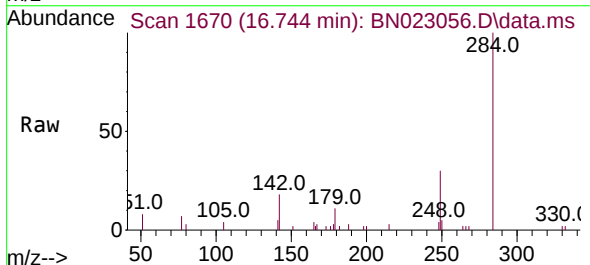
Tgt Ion:284 Resp: 3801

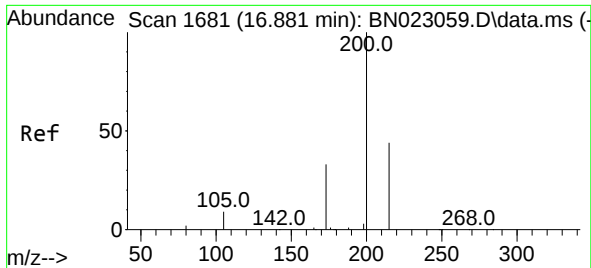
Ion Ratio Lower Upper

284 100

142 43.5 32.6 48.8

249 32.9 24.7 37.1

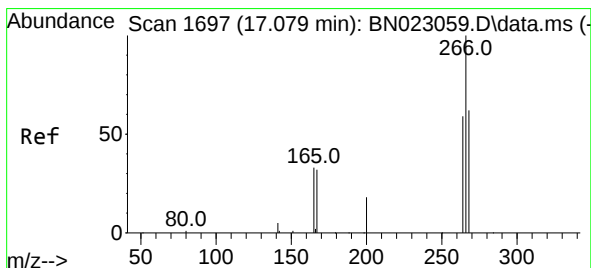
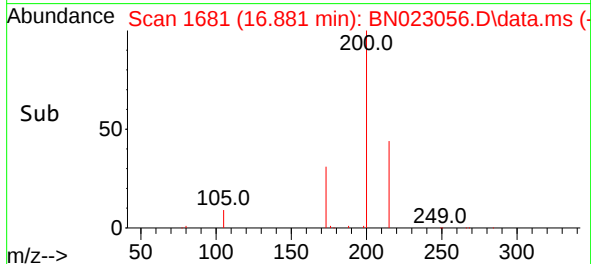
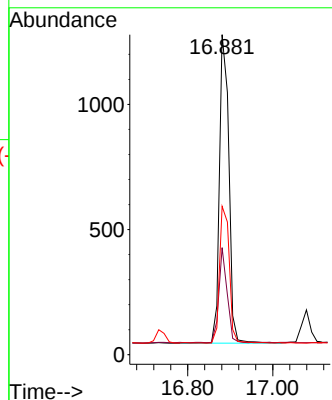
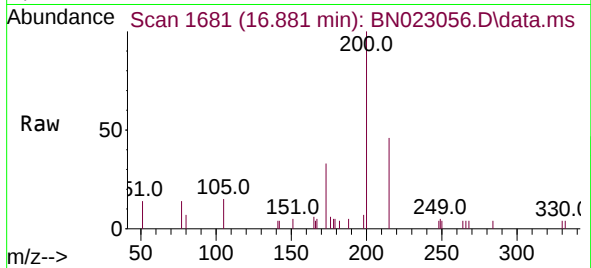




#23  
Atrazine  
Concen: 0.294 ng  
RT: 16.881 min Scan# 1681  
Delta R.T. 0.000 min  
Lab File: BN023056.D  
Acq: 05 Dec 2022 12:42

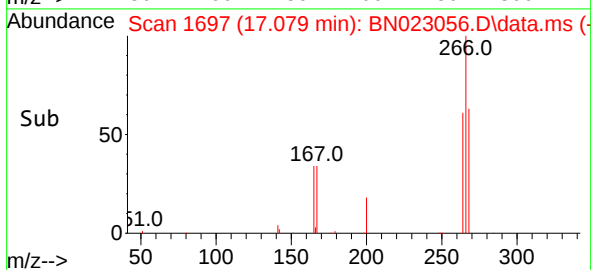
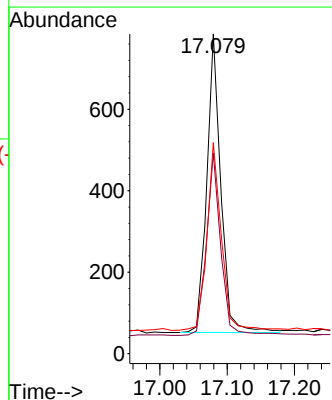
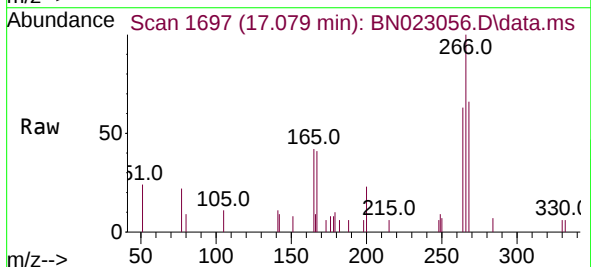
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

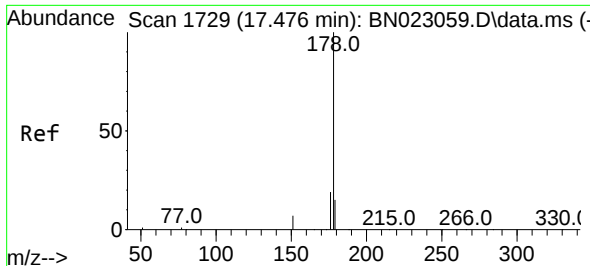
|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 200   | Resp: | 1896 |
| Ion Ratio | Lower | Upper |      |
| 200       | 100   |       |      |
| 173       | 33.5  | 28.4  | 42.6 |
| 215       | 46.4  | 36.6  | 55.0 |



#24  
Pentachlorophenol  
Concen: 0.348 ng  
RT: 17.079 min Scan# 1697  
Delta R.T. 0.000 min  
Lab File: BN023056.D  
Acq: 05 Dec 2022 12:42

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 266   | Resp: | 1062 |
| Ion Ratio | Lower | Upper |      |
| 266       | 100   |       |      |
| 264       | 63.1  | 49.6  | 74.4 |
| 268       | 64.2  | 50.8  | 76.2 |

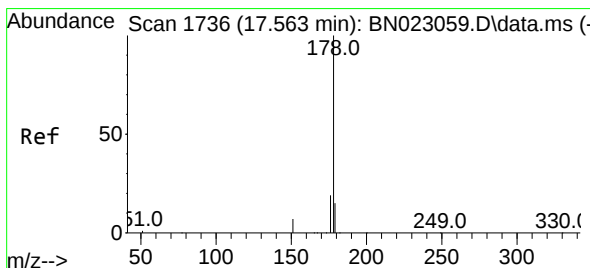
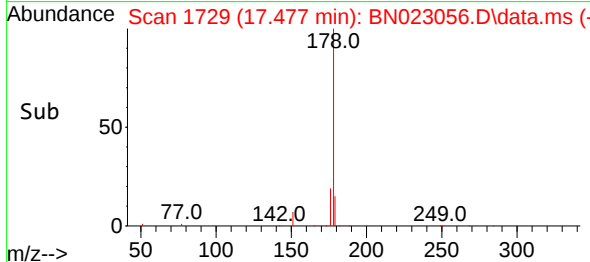
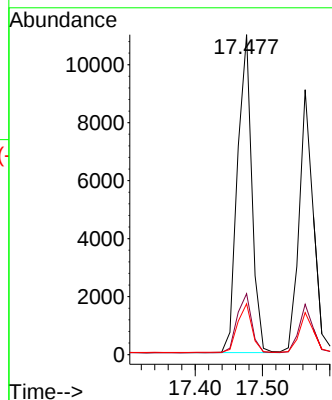
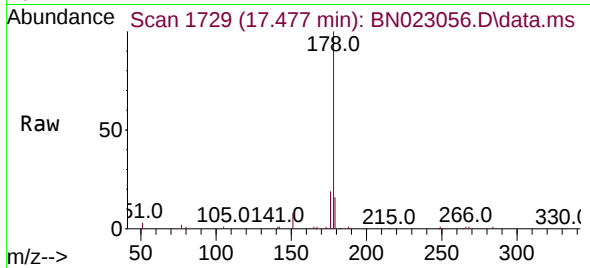




#25  
Phenanthrene  
Concen: 0.367 ng  
RT: 17.477 min Scan# 1729  
Delta R.T. 0.000 min  
Lab File: BN023056.D  
Acq: 05 Dec 2022 12:42

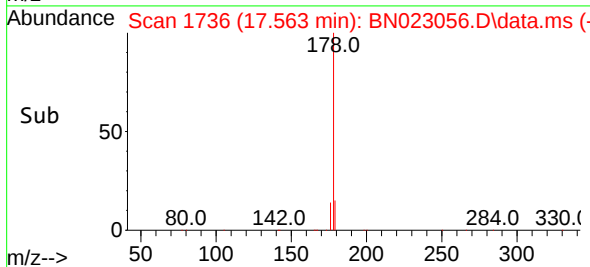
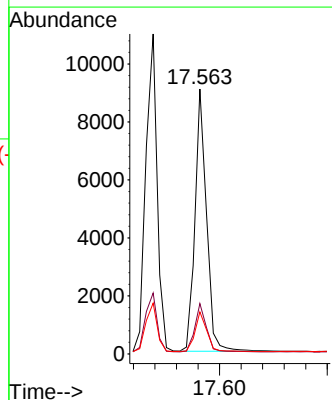
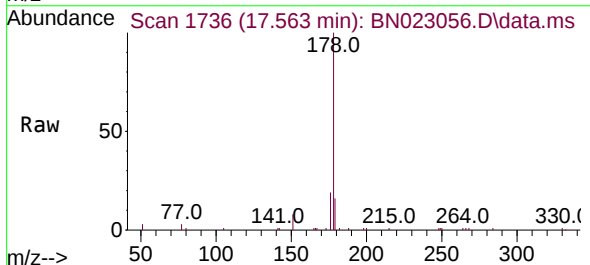
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

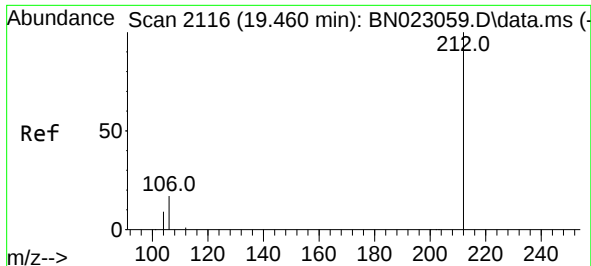
Tgt Ion:178 Resp: 16161  
Ion Ratio Lower Upper  
178 100  
176 18.9 15.3 22.9  
179 15.2 12.4 18.6



#26  
Anthracene  
Concen: 0.352 ng  
RT: 17.563 min Scan# 1736  
Delta R.T. 0.000 min  
Lab File: BN023056.D  
Acq: 05 Dec 2022 12:42

Tgt Ion:178 Resp: 13431  
Ion Ratio Lower Upper  
178 100  
176 18.4 15.0 22.4  
179 15.5 12.4 18.6

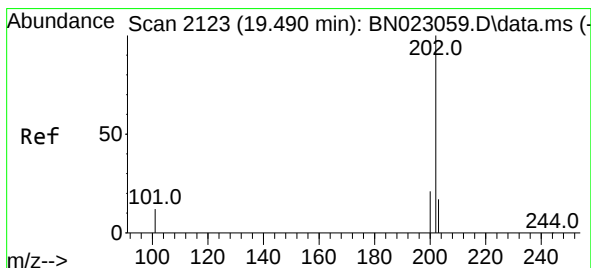
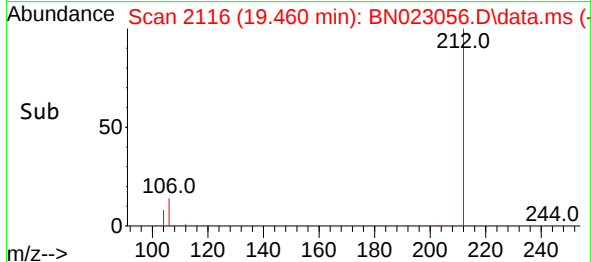
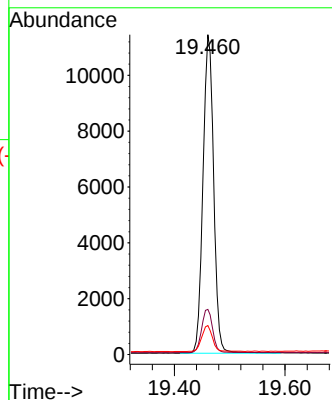
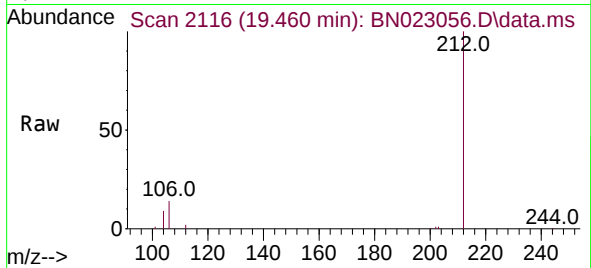




#27  
Fluoranthene-d10  
Concen: 0.443 ng  
RT: 19.460 min Scan# 2116  
Delta R.T. 0.000 min  
Lab File: BN023056.D  
Acq: 05 Dec 2022 12:42

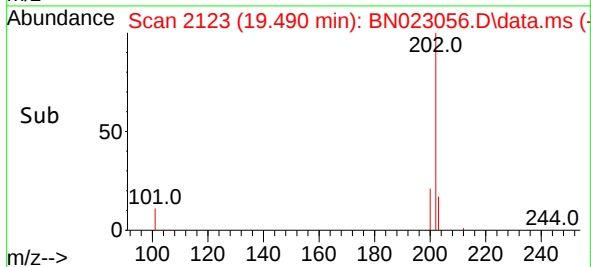
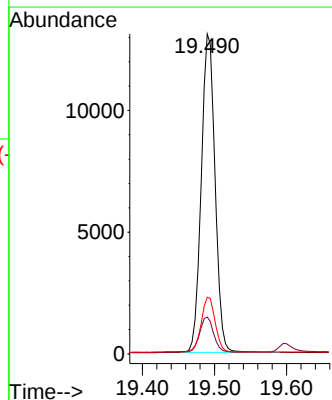
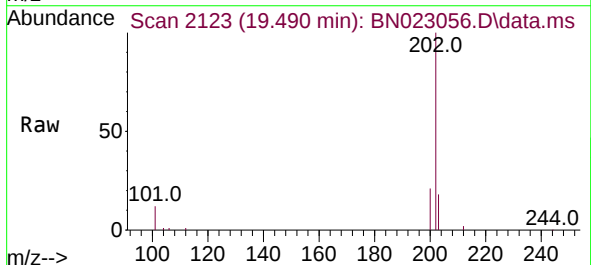
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

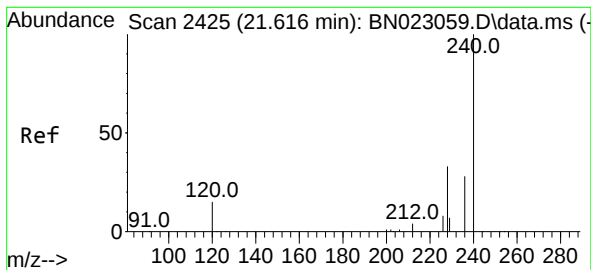
Tgt Ion:212 Resp: 15236  
Ion Ratio Lower Upper  
212 100  
106 14.0 13.3 19.9  
104 8.2 7.7 11.5



#28  
Fluoranthene  
Concen: 0.371 ng  
RT: 19.490 min Scan# 2123  
Delta R.T. 0.000 min  
Lab File: BN023056.D  
Acq: 05 Dec 2022 12:42

Tgt Ion:202 Resp: 17348  
Ion Ratio Lower Upper  
202 100  
101 11.5 10.5 15.7  
203 17.3 13.8 20.6





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.616 min Scan# 2425

Delta R.T. 0.000 min

Lab File: BN023056.D

Acq: 05 Dec 2022 12:42

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4

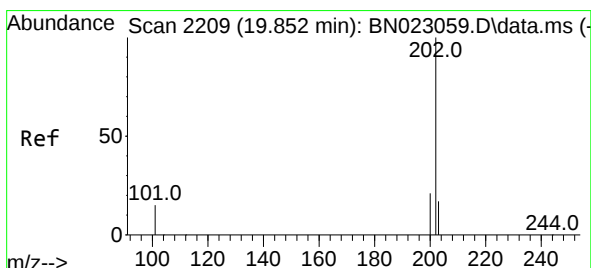
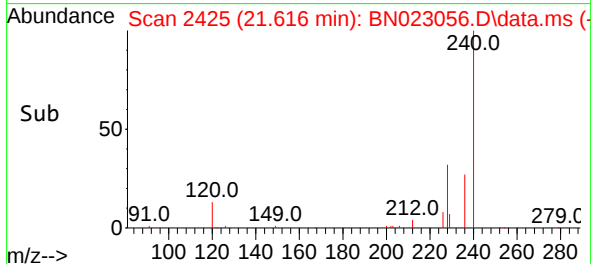
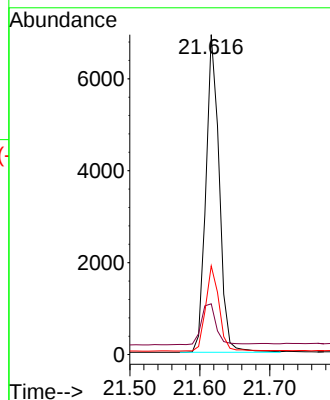
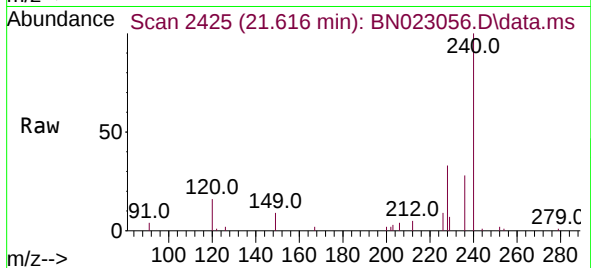
Tgt Ion:240 Resp: 9134

Ion Ratio Lower Upper

240 100

120 15.9 14.2 21.4

236 27.7 22.8 34.2



#30

Pyrene

Concen: 0.361 ng

RT: 19.852 min Scan# 2209

Delta R.T. 0.000 min

Lab File: BN023056.D

Acq: 05 Dec 2022 12:42

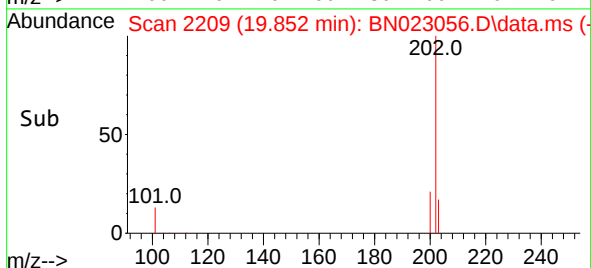
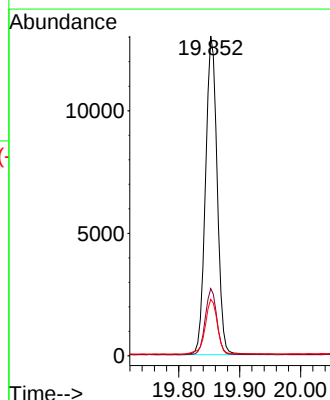
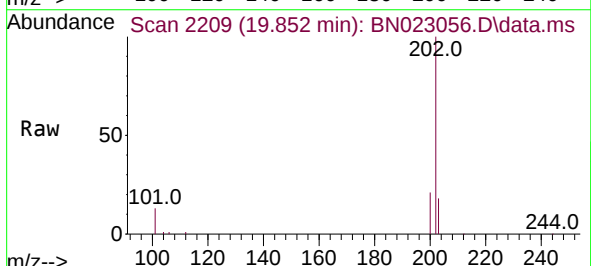
Tgt Ion:202 Resp: 17150

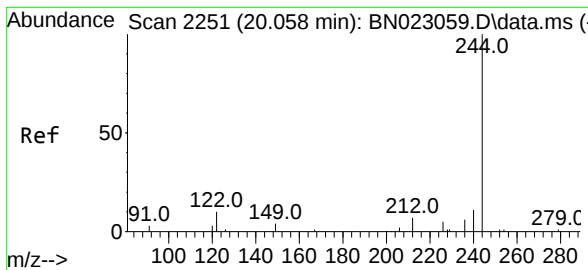
Ion Ratio Lower Upper

202 100

200 20.6 16.7 25.1

203 17.9 14.3 21.5

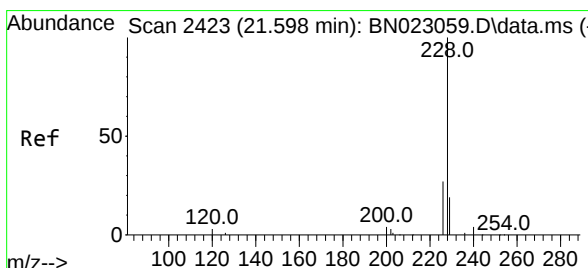
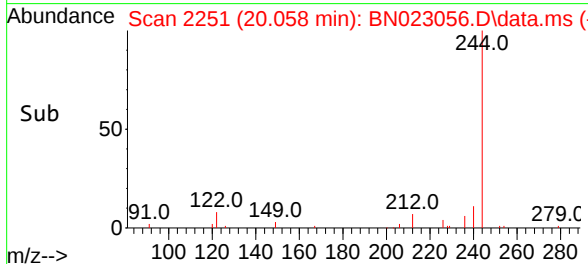
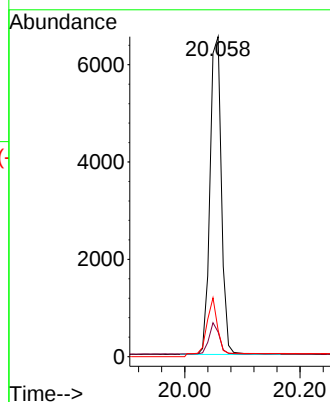
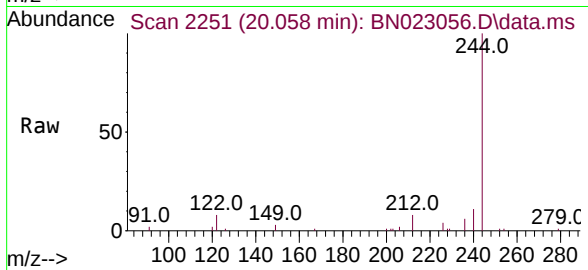




#31  
 Terphenyl-d14  
 Concen: 0.385 ng  
 RT: 20.058 min Scan# 21  
 Delta R.T. 0.000 min  
 Lab File: BN023056.D  
 Acq: 05 Dec 2022 12:42

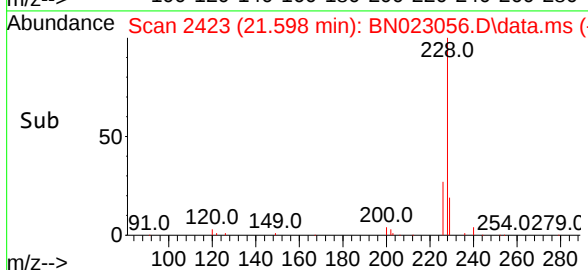
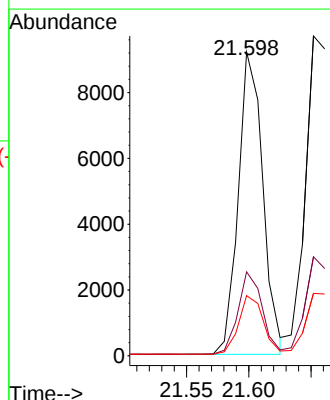
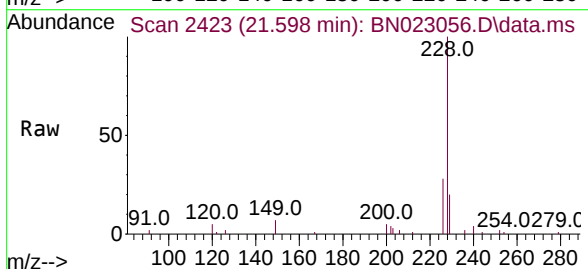
Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC0.4

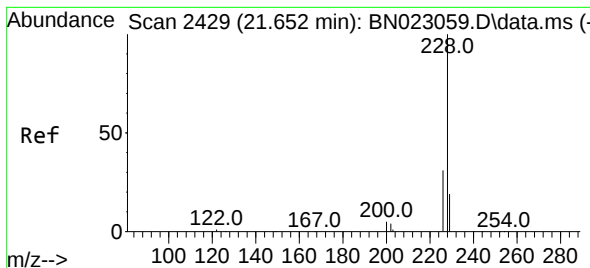
Tgt Ion:244 Resp: 8255  
 Ion Ratio Lower Upper  
 244 100  
 212 7.7 6.2 9.2  
 122 8.3 7.7 11.5



#32  
 Benzo(a)anthracene  
 Concen: 0.341 ng  
 RT: 21.598 min Scan# 2423  
 Delta R.T. 0.000 min  
 Lab File: BN023056.D  
 Acq: 05 Dec 2022 12:42

Tgt Ion:228 Resp: 12601  
 Ion Ratio Lower Upper  
 228 100  
 226 27.6 22.2 33.4  
 229 19.8 15.7 23.5





#33

Chrysene

Concen: 0.372 ng

RT: 21.652 min Scan# 2429

Delta R.T. 0.000 min

Lab File: BN023056.D

Acq: 05 Dec 2022 12:42

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4

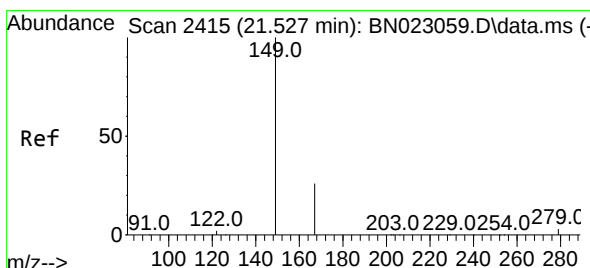
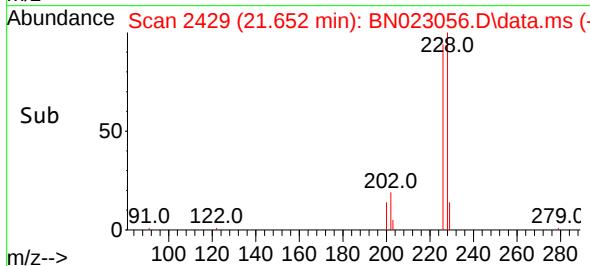
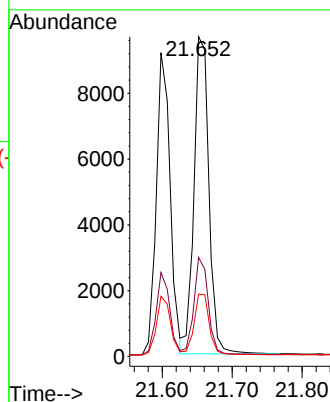
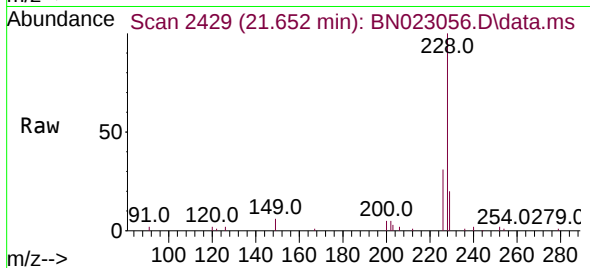
Tgt Ion:228 Resp: 14237

Ion Ratio Lower Upper

228 100

226 31.0 25.0 37.6

229 19.5 15.4 23.0



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.356 ng

RT: 21.527 min Scan# 2415

Delta R.T. 0.000 min

Lab File: BN023056.D

Acq: 05 Dec 2022 12:42

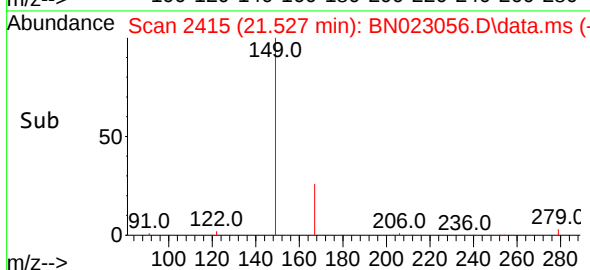
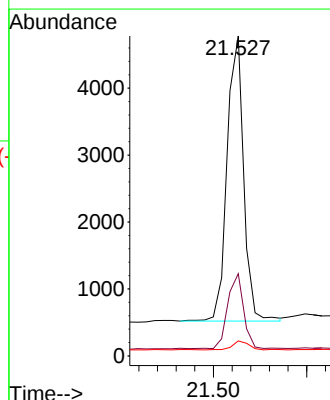
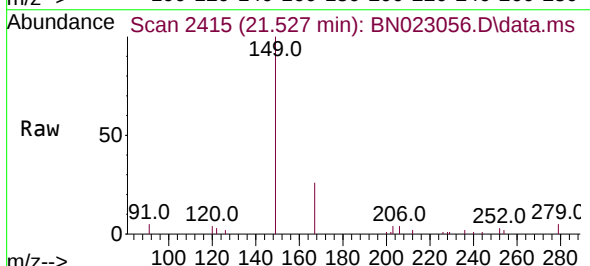
Tgt Ion:149 Resp: 5274

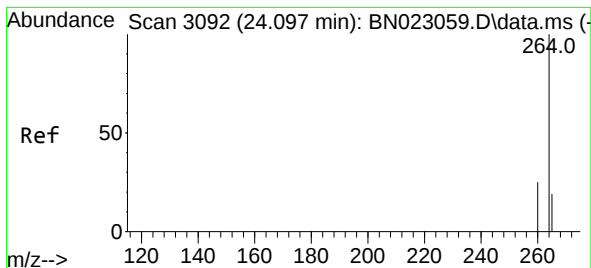
Ion Ratio Lower Upper

149 100

167 25.6 19.5 29.3

279 3.2 2.6 4.0





#35

Perylene-d12

Concen: 0.400 ng

RT: 24.097 min Scan# 3092

Delta R.T. 0.000 min

Lab File: BN023056.D

Acq: 05 Dec 2022 12:42

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4

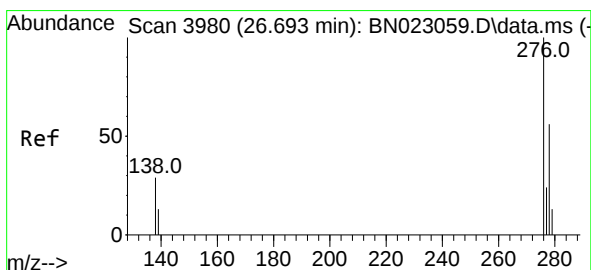
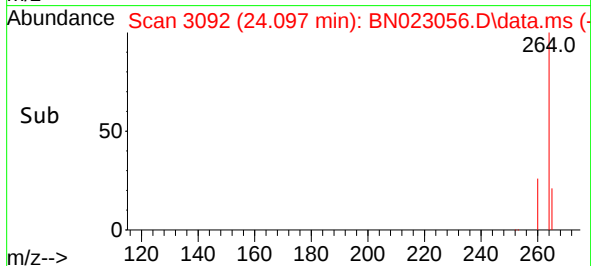
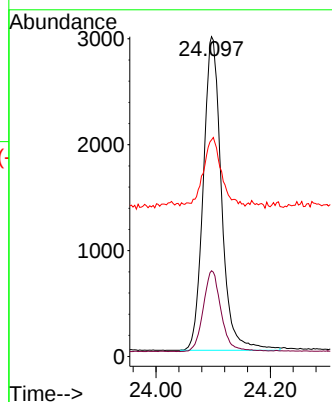
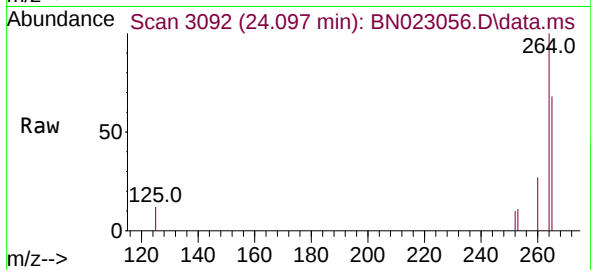
Tgt Ion:264 Resp: 6535

Ion Ratio Lower Upper

264 100

260 26.8 21.0 31.4

265 67.7 45.0 67.6#



#36

Indeno(1,2,3-cd)pyrene

Concen: 0.439 ng

RT: 26.690 min Scan# 3979

Delta R.T. -0.003 min

Lab File: BN023056.D

Acq: 05 Dec 2022 12:42

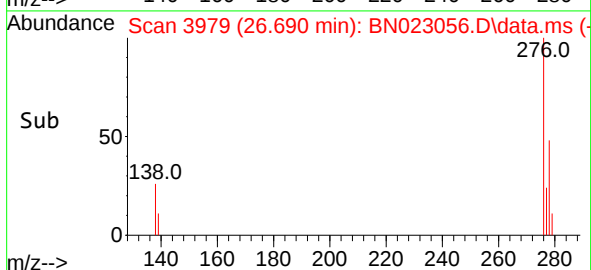
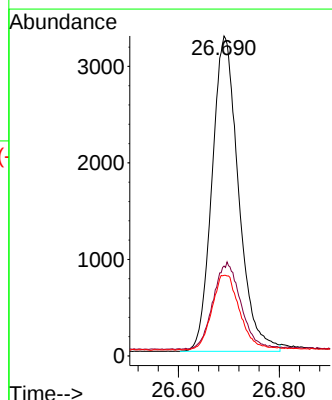
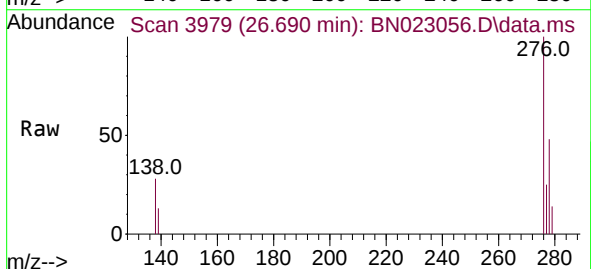
Tgt Ion:276 Resp: 11914

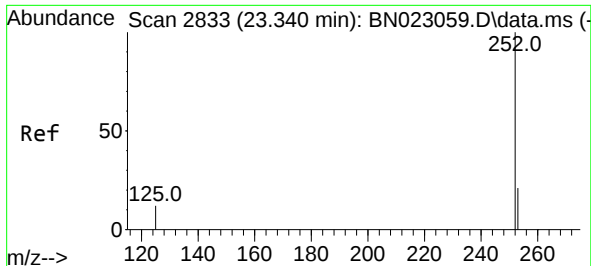
Ion Ratio Lower Upper

276 100

138 28.6 24.4 36.6

277 24.7 19.8 29.8

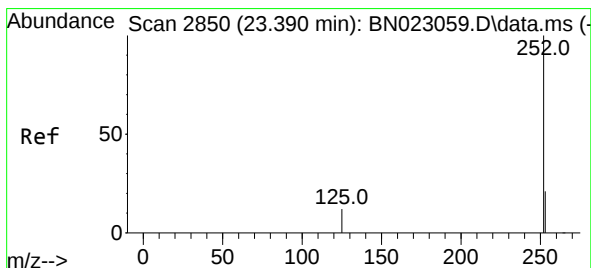
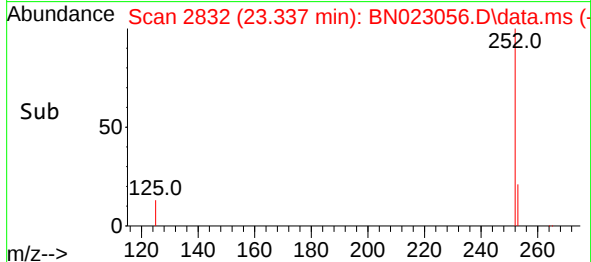
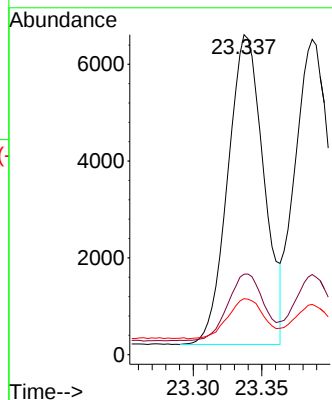
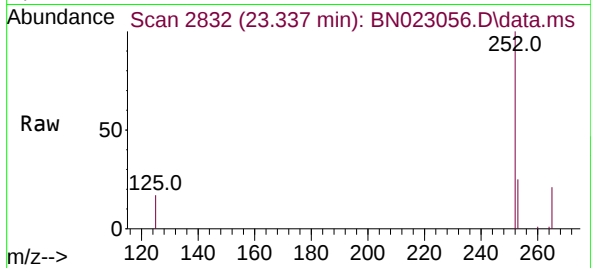




#37  
Benzo(b)fluoranthene  
Concen: 0.400 ng  
RT: 23.337 min Scan# 2849  
Delta R.T. -0.003 min  
Lab File: BN023056.D  
Acq: 05 Dec 2022 12:42

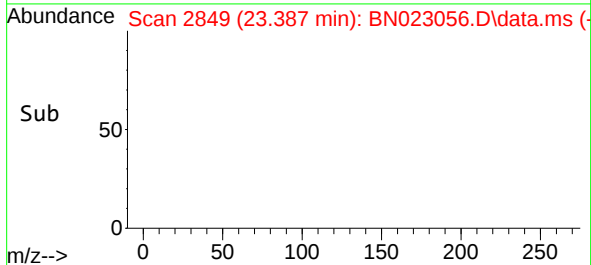
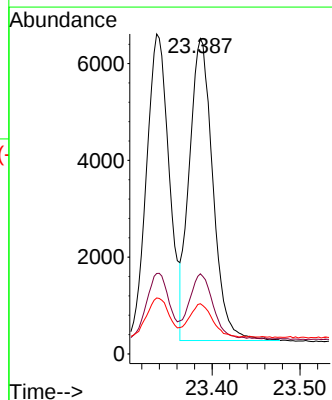
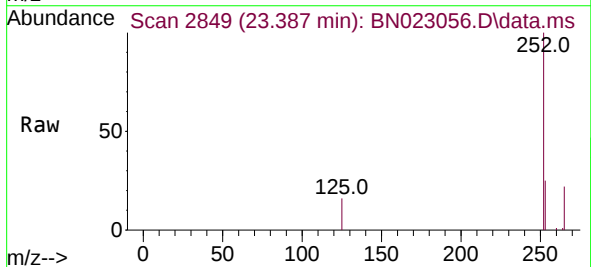
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

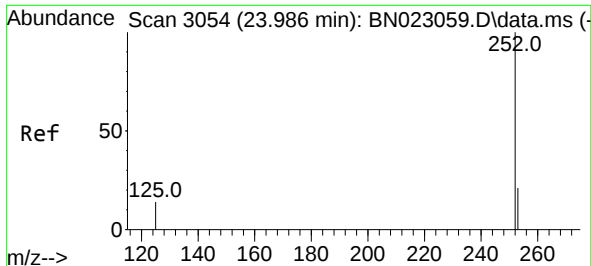
Tgt Ion:252 Resp: 11668  
Ion Ratio Lower Upper  
252 100  
253 25.1 19.5 29.3  
125 17.5 13.4 20.2



#38  
Benzo(k)fluoranthene  
Concen: 0.366 ng  
RT: 23.387 min Scan# 2849  
Delta R.T. -0.003 min  
Lab File: BN023056.D  
Acq: 05 Dec 2022 12:42

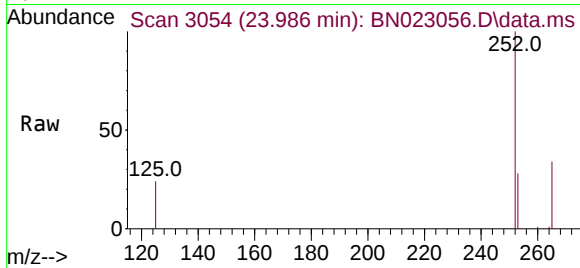
Tgt Ion:252 Resp: 11573  
Ion Ratio Lower Upper  
252 100  
253 25.4 19.4 29.2  
125 15.9 13.5 20.3



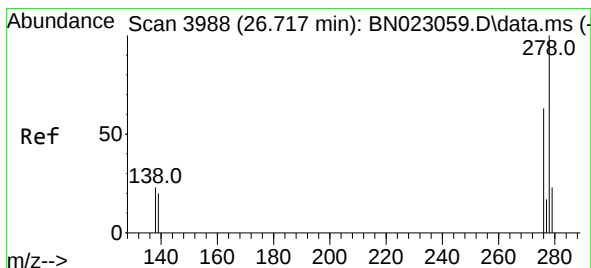
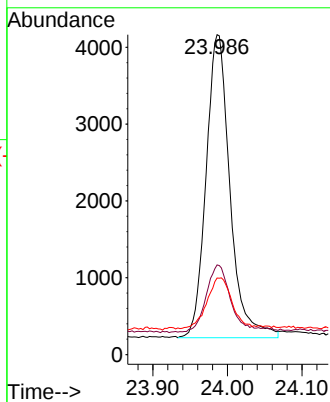
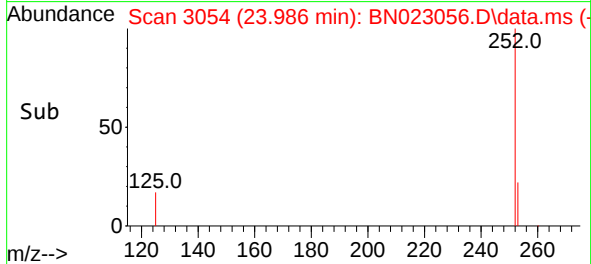


#39  
Benzo(a)pyrene  
Concen: 0.395 ng  
RT: 23.986 min Scan# 3054  
Delta R.T. 0.000 min  
Lab File: BN023056.D  
Acq: 05 Dec 2022 12:42

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

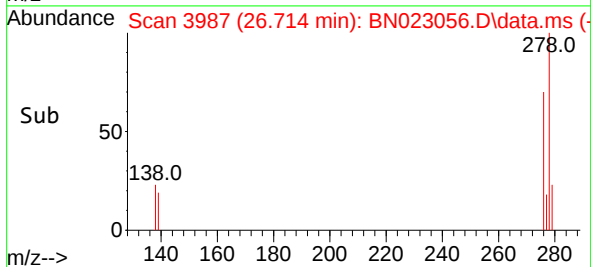
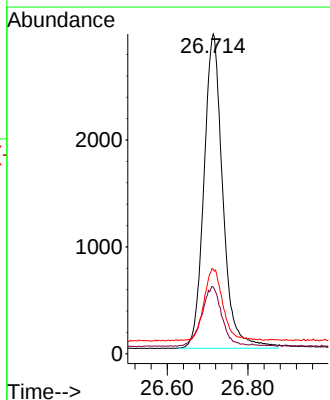
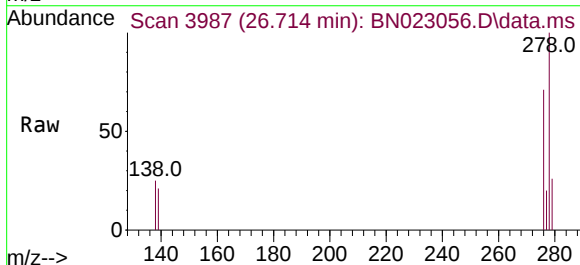


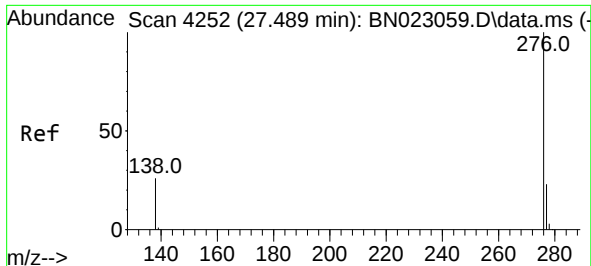
|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 252   | Resp: | 8791 |
| Ion Ratio | Lower | Upper |      |
| 252       | 100   |       |      |
| 253       | 28.0  | 20.7  | 31.1 |
| 125       | 23.9  | 17.1  | 25.7 |



#40  
Dibenzo(a,h)anthracene  
Concen: 0.444 ng  
RT: 26.714 min Scan# 3987  
Delta R.T. -0.003 min  
Lab File: BN023056.D  
Acq: 05 Dec 2022 12:42

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 278   | Resp: | 9554 |
| Ion Ratio | Lower | Upper |      |
| 278       | 100   |       |      |
| 139       | 20.9  | 17.2  | 25.8 |
| 279       | 26.5  | 20.6  | 31.0 |





#41

Benzo(g,h,i)perylene

Concen: 0.423 ng

RT: 27.489 min Scan# 41

Delta R.T. 0.000 min

Lab File: BN023056.D

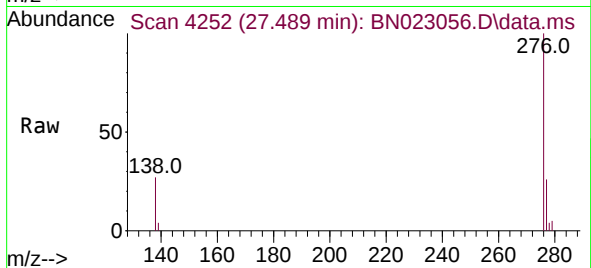
Acq: 05 Dec 2022 12:42

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4



Tgt Ion:276 Resp: 9812

Ion Ratio Lower Upper

276 100

277 25.9 19.7 29.5

138 26.8 22.2 33.4

