

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN061623\  
 Data File : BN025889.D  
 Acq On : 16 Jun 2023 20:56  
 Operator : MA/JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC0.4EC

Quant Time: Jun 17 02:36:12 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN053123.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jun 16 14:10:48 2023  
 Response via : Initial Calibration

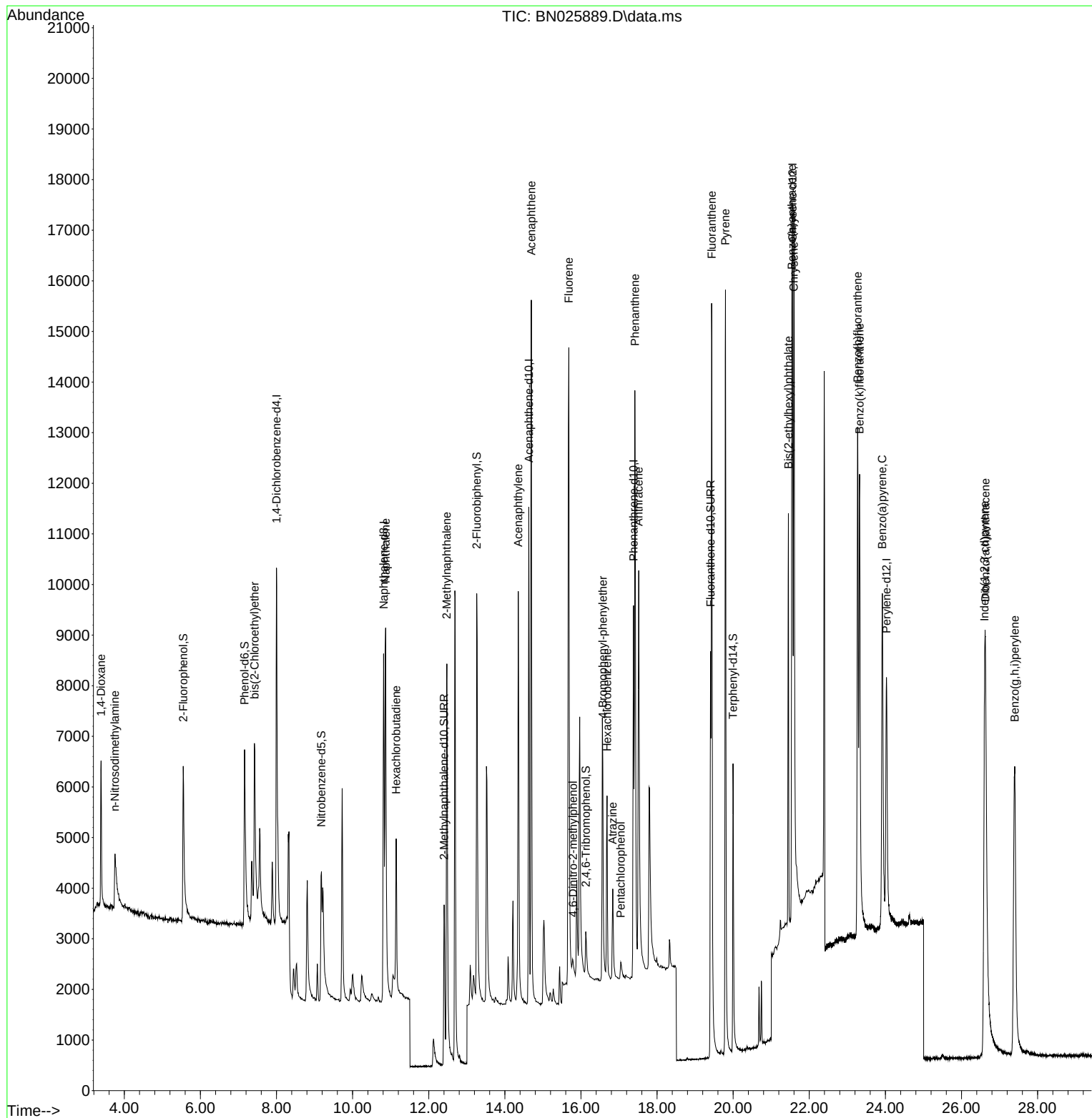
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.998  | 152  | 4413     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.814 | 136  | 11190    | 0.400 | ng    | 0.00     |
| 13) Acenaphthene-d10          | 14.630 | 164  | 5746     | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.381 | 188  | 11697    | 0.400 | ng    | # 0.00   |
| 29) Chrysene-d12              | 21.560 | 240  | 8354     | 0.400 | ng    | 0.00     |
| 35) Perylene-d12              | 24.028 | 264  | 8787     | 0.400 | ng    | #-0.01   |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.549  | 112  | 4010     | 0.323 | ng    | 0.00     |
| 5) Phenol-d6                  | 7.160  | 99   | 4684     | 0.307 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 9.180  | 82   | 3621     | 0.348 | ng    | 0.01     |
| 11) 2-Methylnaphthalene-d10   | 12.404 | 152  | 6015     | 0.373 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 16.127 | 330  | 670      | 0.378 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 13.262 | 172  | 9494     | 0.391 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.407 | 212  | 10980    | 0.456 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.997 | 244  | 7004     | 0.346 | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       |          |
|                               |        |      |          |       |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.390  | 88   | 2180     | 0.421 | ng    | 95       |
| 3) n-Nitrosodimethylamine     | 3.751  | 42   | 1311     | 0.198 | ng    | 95       |
| 6) bis(2-Chloroethyl)ether    | 7.420  | 93   | 4892     | 0.354 | ng    | 90       |
| 9) Naphthalene                | 10.867 | 128  | 12691    | 0.379 | ng    | 98       |
| 10) Hexachlorobutadiene       | 11.145 | 225  | 2414     | 0.469 | ng    | # 100    |
| 12) 2-Methylnaphthalene       | 12.476 | 142  | 7906     | 0.372 | ng    | 97       |
| 16) Acenaphthylene            | 14.352 | 152  | 10628    | 0.384 | ng    | 99       |
| 17) Acenaphthene              | 14.694 | 154  | 7304     | 0.402 | ng    | 99       |
| 18) Fluorene                  | 15.680 | 166  | 9439     | 0.404 | ng    | 99       |
| 20) 4,6-Dinitro-2-methylph... | 15.792 | 198  | 559      | 0.264 | ng    | # 5      |
| 21) 4-Bromophenyl-phenylether | 16.574 | 248  | 2580     | 0.381 | ng    | 94       |
| 22) Hexachlorobenzene         | 16.686 | 284  | 2738     | 0.472 | ng    | 92       |
| 23) Atrazine                  | 16.835 | 200  | 2164     | 0.392 | ng    | 97       |
| 24) Pentachlorophenol         | 17.046 | 266  | 348      | 0.161 | ng    | 97       |
| 25) Phenanthrene              | 17.418 | 178  | 14434    | 0.402 | ng    | 100      |
| 26) Anthracene                | 17.517 | 178  | 12390    | 0.377 | ng    | 99       |
| 28) Fluoranthene              | 19.435 | 202  | 16509    | 0.466 | ng    | 99       |
| 30) Pyrene                    | 19.797 | 202  | 16705    | 0.353 | ng    | 100      |
| 32) Benzo(a)anthracene        | 21.542 | 228  | 11788    | 0.365 | ng    | 99       |
| 33) Chrysene                  | 21.596 | 228  | 15099    | 0.442 | ng    | 100      |
| 34) Bis(2-ethylhexyl)phtha... | 21.453 | 149  | 7943     | 0.414 | ng    | 99       |
| 36) Indeno(1,2,3-cd)pyrene    | 26.607 | 276  | 16739    | 0.441 | ng    | 97       |
| 37) Benzo(b)fluoranthene      | 23.271 | 252  | 14157    | 0.409 | ng    | 98       |
| 38) Benzo(k)fluoranthene      | 23.323 | 252  | 14422    | 0.407 | ng    | 99       |
| 39) Benzo(a)pyrene            | 23.920 | 252  | 13587    | 0.414 | ng    | 99       |
| 40) Dibenzo(a,h)anthracene    | 26.630 | 278  | 12579    | 0.412 | ng    | 98       |
| 41) Benzo(g,h,i)perylene      | 27.399 | 276  | 15921    | 0.467 | ng    | 99       |
| -----                         |        |      |          |       |       |          |

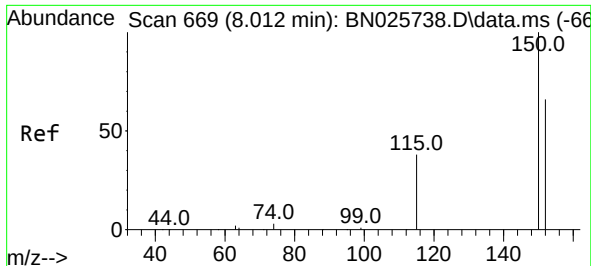
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN061623\  
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 Sample : SSTDCCC0.4  
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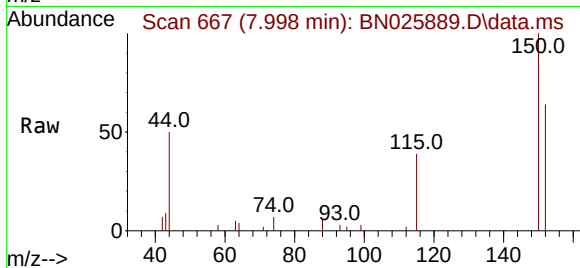
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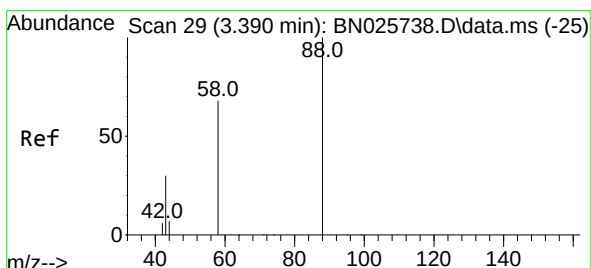
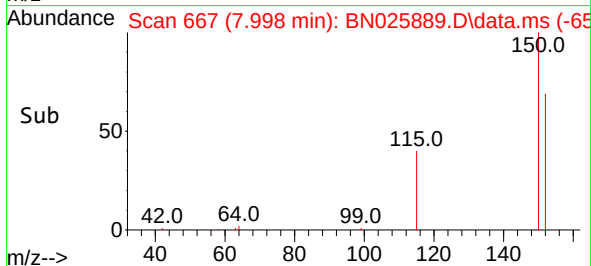
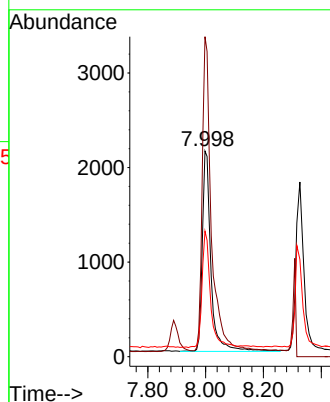
#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 7.998 min Scan# 669  
 Delta R.T. -0.000 min  
 Lab File: BN025889.D  
 Acq: 16 Jun 2023 20:56

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC0.4EC



Tgt Ion:152 Resp: 4413

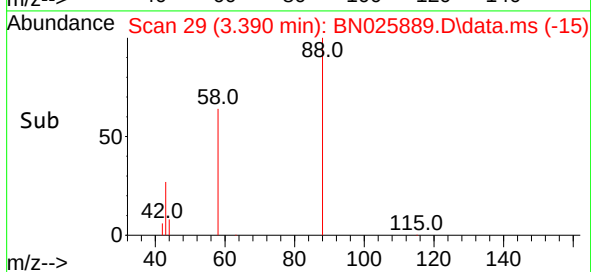
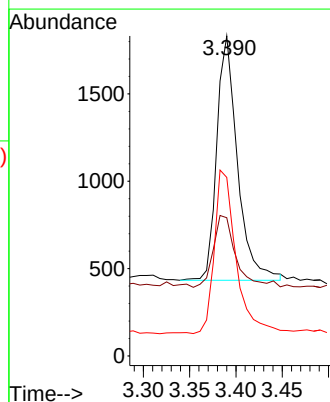
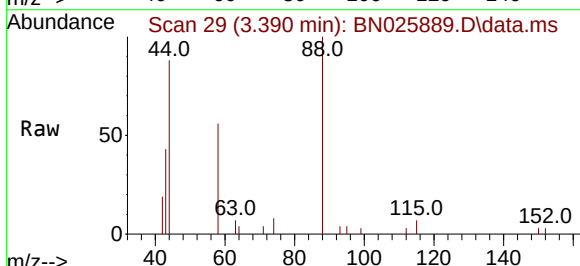
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 152 | 100   |       |       |
| 150 | 155.7 | 121.5 | 182.3 |
| 115 | 61.0  | 47.7  | 71.5  |

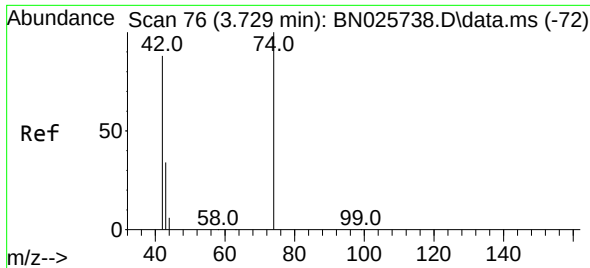


#2  
 1,4-Dioxane  
 Concen: 0.421 ng  
 RT: 3.390 min Scan# 29  
 Delta R.T. -0.000 min  
 Lab File: BN025889.D  
 Acq: 16 Jun 2023 20:56

Tgt Ion: 88 Resp: 2180

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 88  | 100   |       |       |
| 43  | 32.1  | 31.0  | 46.4  |
| 58  | 69.9  | 57.3  | 85.9  |

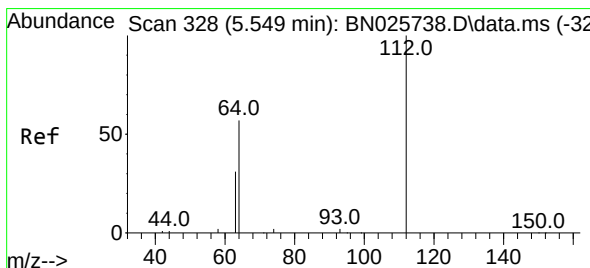
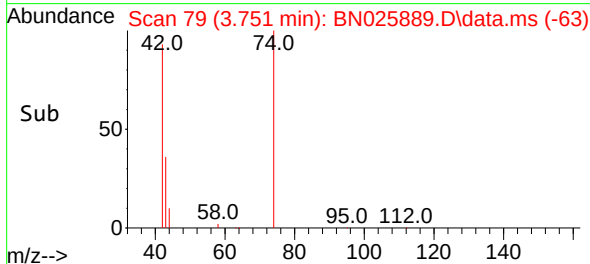
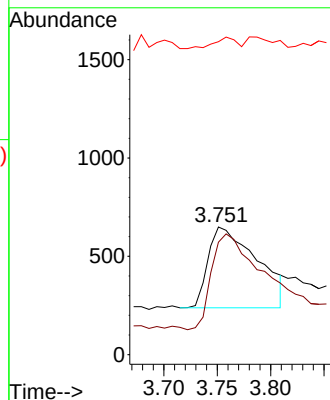
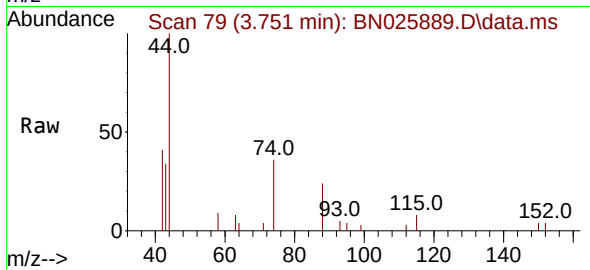




#3  
n-Nitrosodimethylamine  
Concen: 0.198 ng  
RT: 3.751 min Scan# 74  
Delta R.T. 0.014 min  
Lab File: BN025889.D  
Acq: 16 Jun 2023 20:56

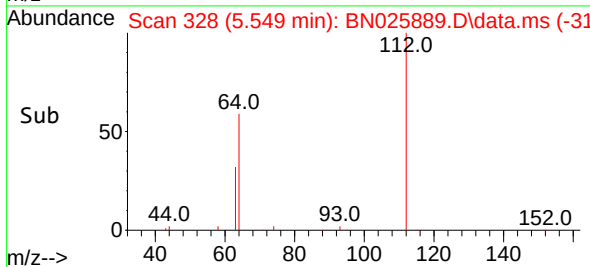
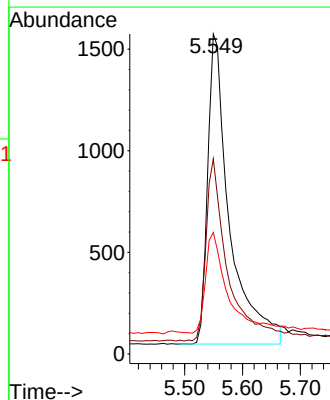
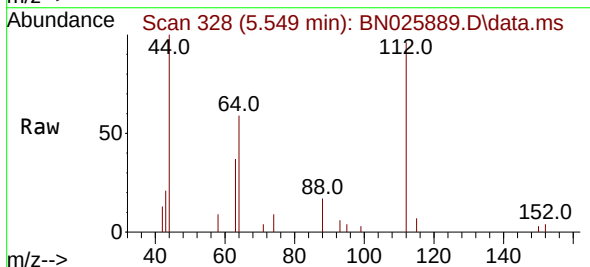
Instrument :  
BNA\_N  
ClientSampleId :  
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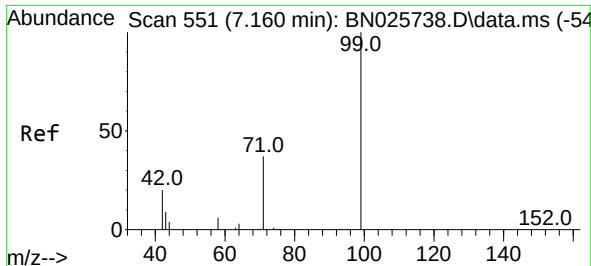
Tgt Ion: 42 Resp: 1311  
Ion Ratio Lower Upper  
42 100  
74 118.8 90.5 135.7  
44 6.2 4.4 6.6



#4  
2-Fluorophenol  
Concen: 0.323 ng  
RT: 5.549 min Scan# 328  
Delta R.T. 0.007 min  
Lab File: BN025889.D  
Acq: 16 Jun 2023 20:56

Tgt Ion: 112 Resp: 4010  
Ion Ratio Lower Upper  
112 100  
64 57.7 47.5 71.3  
63 32.6 26.2 39.4

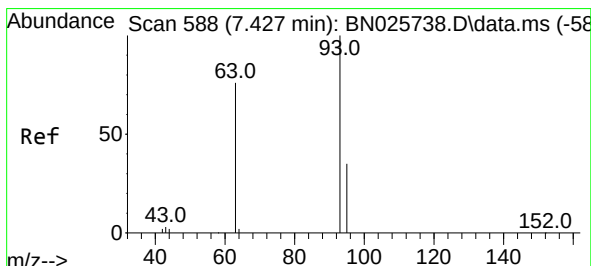
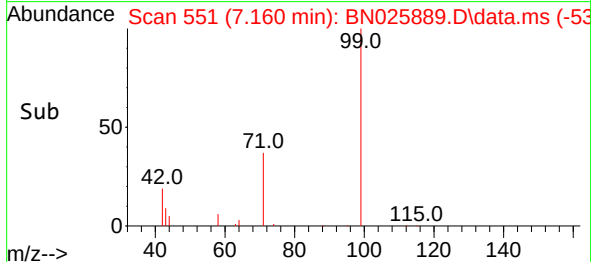
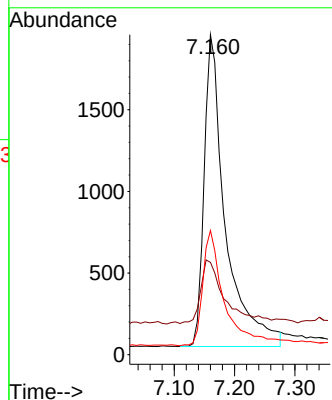
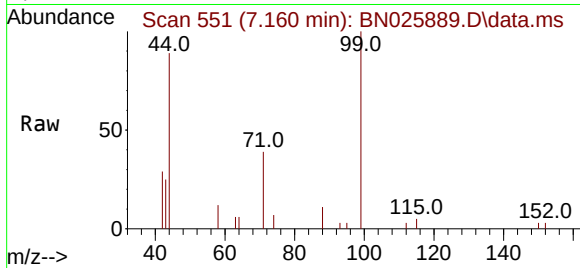




#5  
Phenol-d6  
Concen: 0.307 ng  
RT: 7.160 min Scan# 511  
Delta R.T. 0.007 min  
Lab File: BN025889.D  
Acq: 16 Jun 2023 20:56

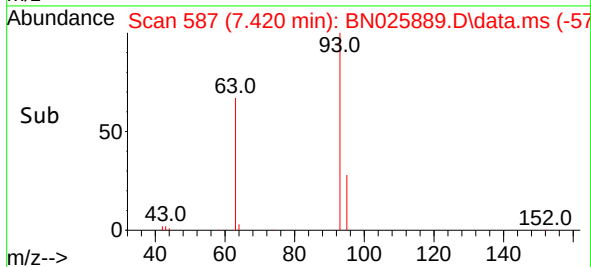
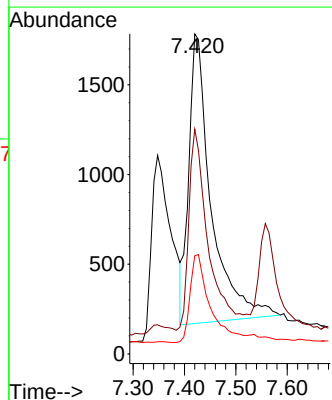
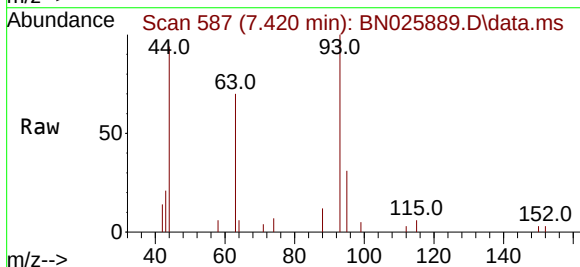
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

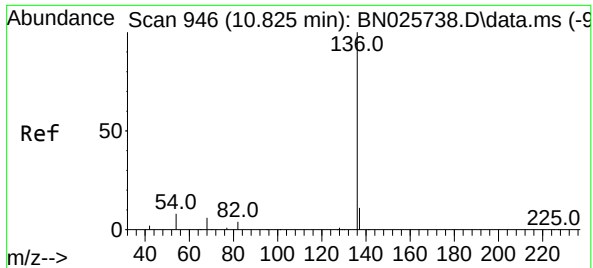
Tgt Ion: 99 Resp: 4684  
Ion Ratio Lower Upper  
99 100  
42 22.8 18.6 28.0  
71 37.5 30.5 45.7



#6  
bis(2-Chloroethyl)ether  
Concen: 0.354 ng  
RT: 7.420 min Scan# 587  
Delta R.T. 0.007 min  
Lab File: BN025889.D  
Acq: 16 Jun 2023 20:56

Tgt Ion: 93 Resp: 4892  
Ion Ratio Lower Upper  
93 100  
63 60.3 56.4 84.6  
95 27.4 24.6 37.0

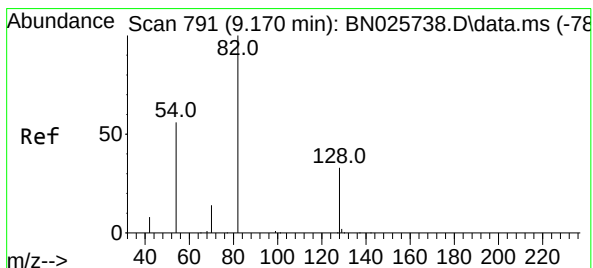
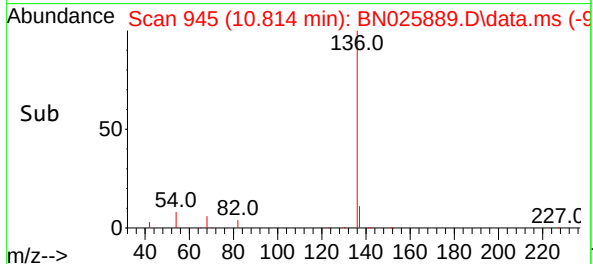
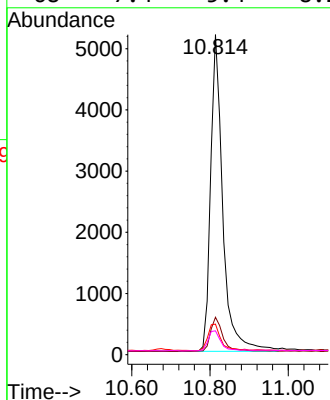
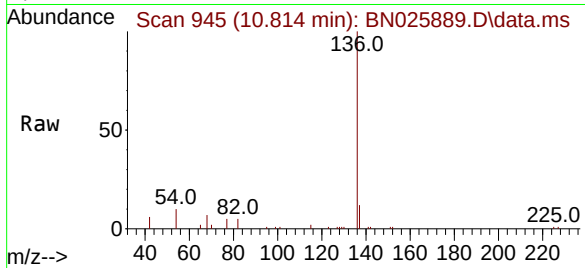




#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.814 min Scan# 946  
Delta R.T. -0.000 min  
Lab File: BN025889.D  
Acq: 16 Jun 2023 20:56

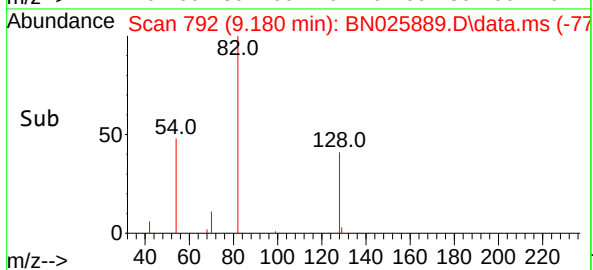
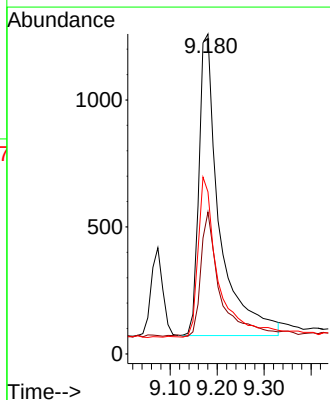
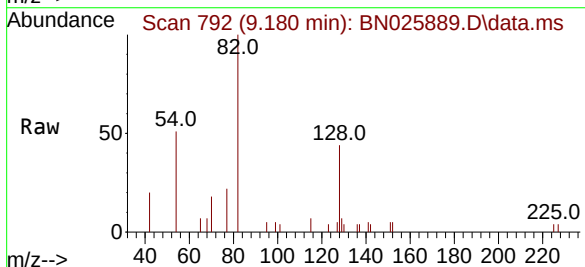
Instrument :  
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ClientSampleId :  
SSTDCCC0.4EC

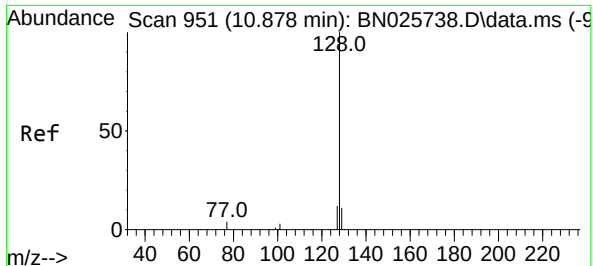
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 136   | Resp: | 11190 |
| Ion      | Ratio | Lower | Upper |
| 136      | 100   |       |       |
| 137      | 11.7  | 9.3   | 13.9  |
| 54       | 9.5   | 7.2   | 10.8  |
| 68       | 7.4   | 5.4   | 8.2   |



#8  
Nitrobenzene-d5  
Concen: 0.348 ng  
RT: 9.180 min Scan# 792  
Delta R.T. 0.011 min  
Lab File: BN025889.D  
Acq: 16 Jun 2023 20:56

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 82    | Resp: | 3621  |
| Ion      | Ratio | Lower | Upper |
| 82       | 100   |       |       |
| 128      | 44.4  | 27.6  | 41.4# |
| 54       | 50.6  | 45.7  | 68.5  |

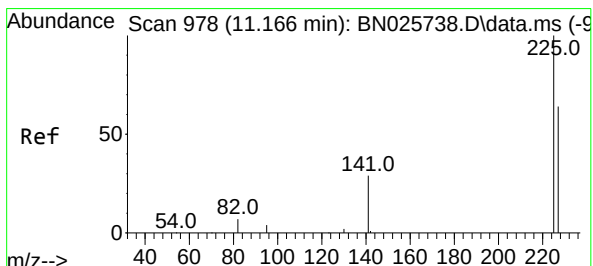
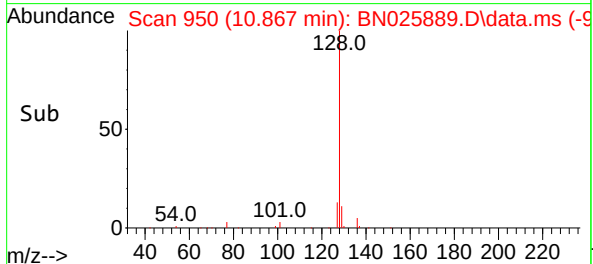
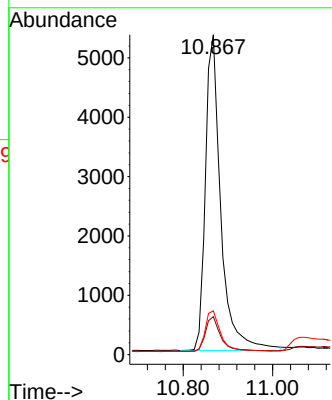
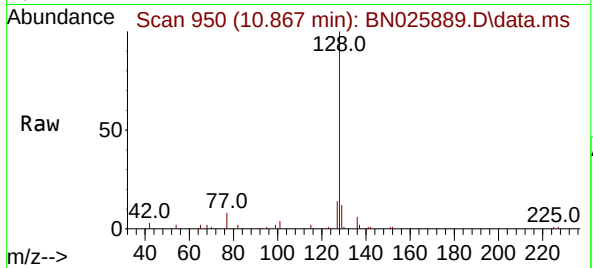




#9  
Naphthalene  
Concen: 0.379 ng  
RT: 10.867 min Scan# 910  
Delta R.T. 0.011 min  
Lab File: BN025889.D  
Acq: 16 Jun 2023 20:56

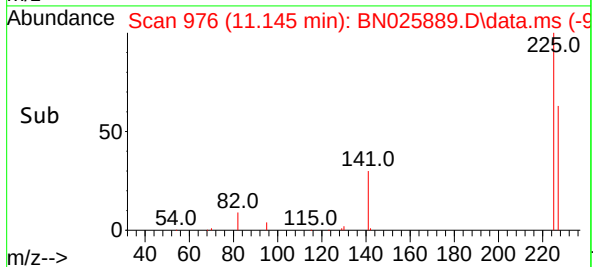
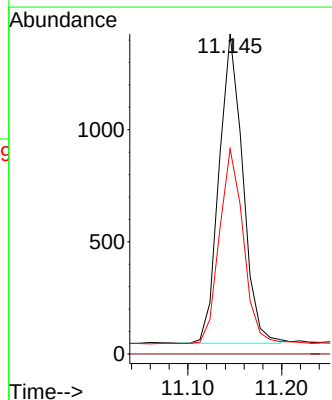
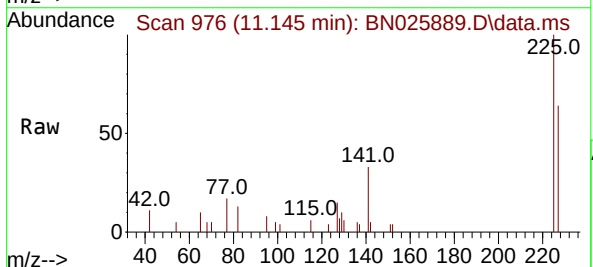
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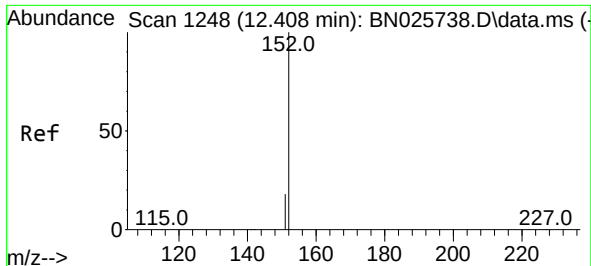
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Ion Ratio Lower Upper  
128 100  
129 11.9 9.1 13.7  
127 13.7 10.3 15.5



#10  
Hexachlorobutadiene  
Concen: 0.469 ng  
RT: 11.145 min Scan# 976  
Delta R.T. -0.000 min  
Lab File: BN025889.D  
Acq: 16 Jun 2023 20:56

Tgt Ion:225 Resp: 2414  
Ion Ratio Lower Upper  
225 100  
223 0.0 0.0 0.0  
227 63.1 50.4 75.6

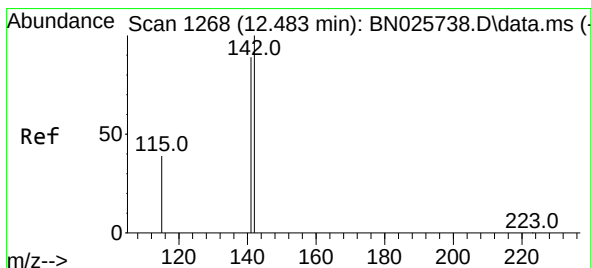
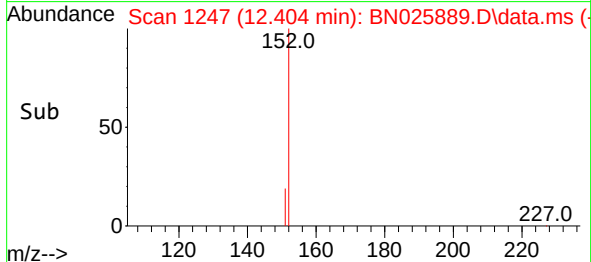
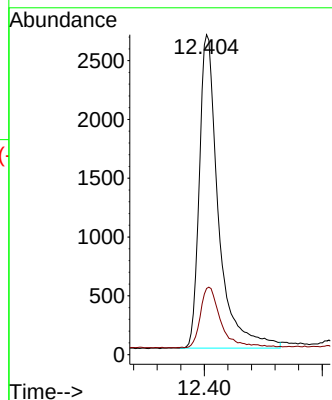
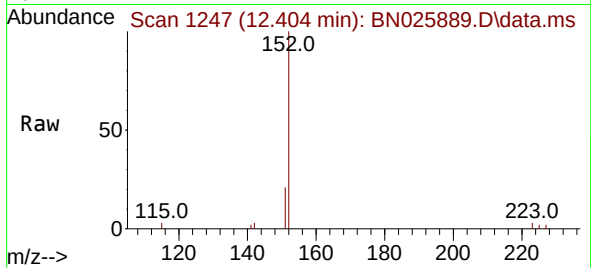




#11  
2-Methylnaphthalene-d10  
Concen: 0.373 ng  
RT: 12.404 min Scan# 11  
Delta R.T. 0.008 min  
Lab File: BN025889.D  
Acq: 16 Jun 2023 20:56

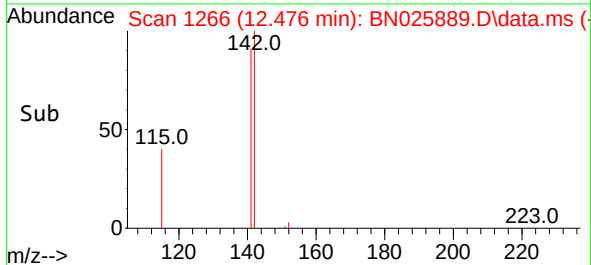
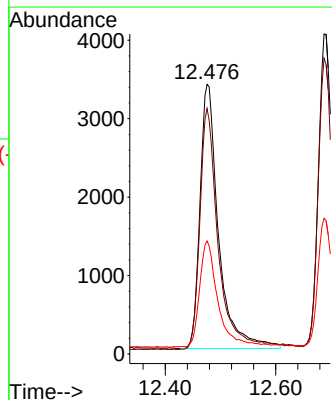
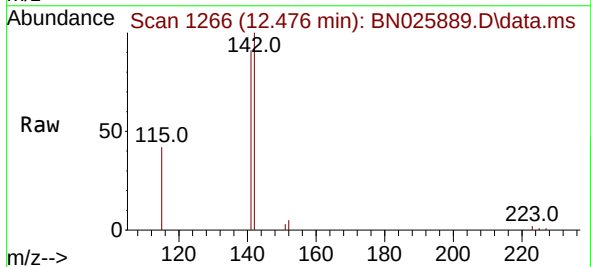
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

Tgt Ion:152 Resp: 6015  
Ion Ratio Lower Upper  
152 100  
151 20.7 16.4 24.6

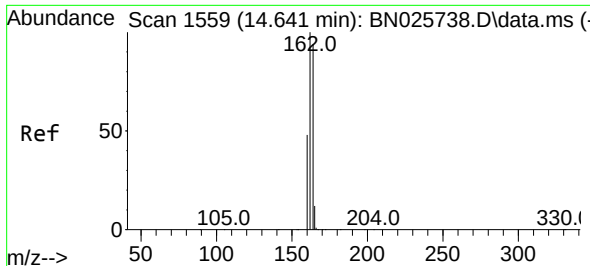


#12  
2-Methylnaphthalene  
Concen: 0.372 ng  
RT: 12.476 min Scan# 1266  
Delta R.T. 0.008 min  
Lab File: BN025889.D  
Acq: 16 Jun 2023 20:56

Tgt Ion:142 Resp: 7906  
Ion Ratio Lower Upper  
142 100  
141 91.0 71.2 106.8  
115 41.9 31.7 47.5



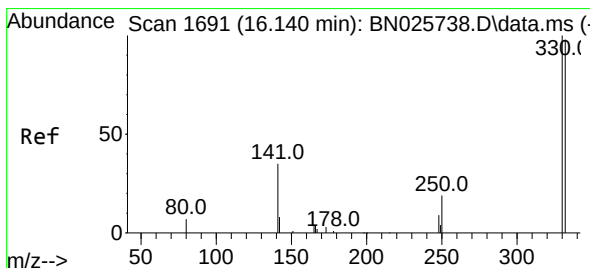
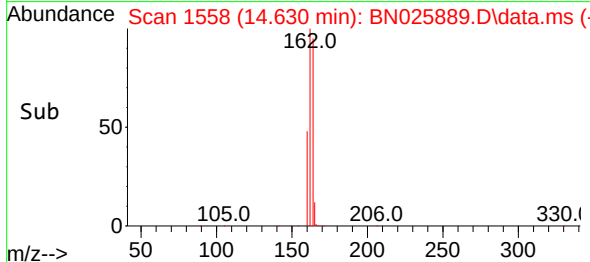
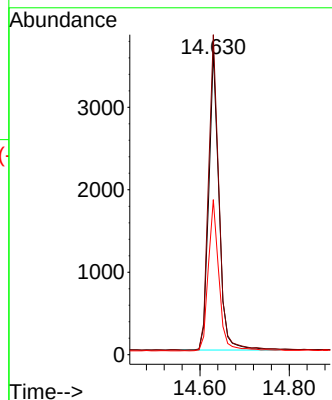
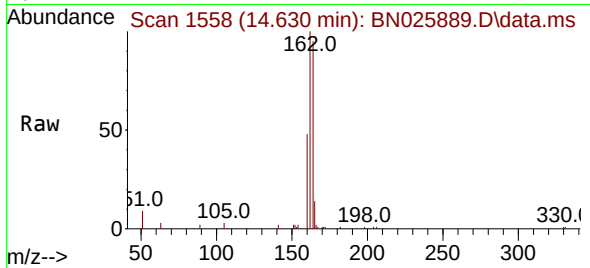




#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.630 min Scan# 1558  
Delta R.T. -0.000 min  
Lab File: BN025889.D  
Acq: 16 Jun 2023 20:56

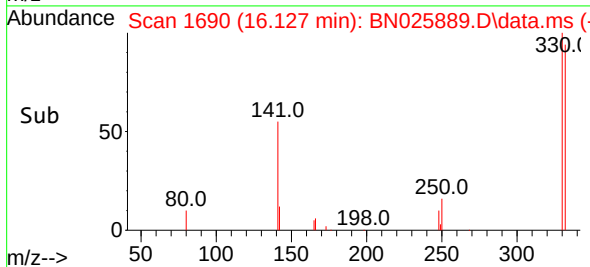
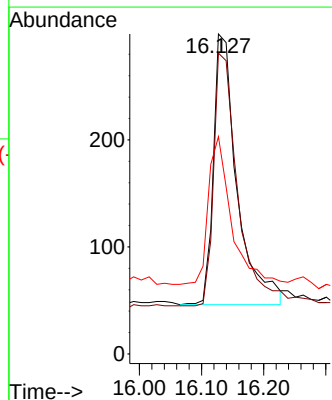
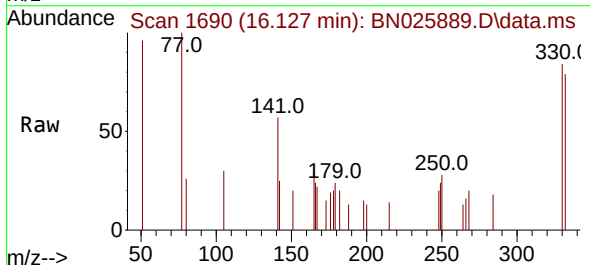
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

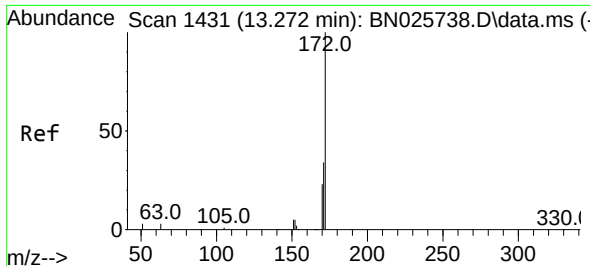
Tgt Ion:164 Resp: 5746  
Ion Ratio Lower Upper  
164 100  
162 105.4 85.0 127.6  
160 51.1 41.1 61.7



#14  
2,4,6-Tribromophenol  
Concen: 0.378 ng  
RT: 16.127 min Scan# 1690  
Delta R.T. -0.000 min  
Lab File: BN025889.D  
Acq: 16 Jun 2023 20:56

Tgt Ion:330 Resp: 670  
Ion Ratio Lower Upper  
330 100  
332 93.0 77.3 115.9  
141 52.5 55.0 82.6#

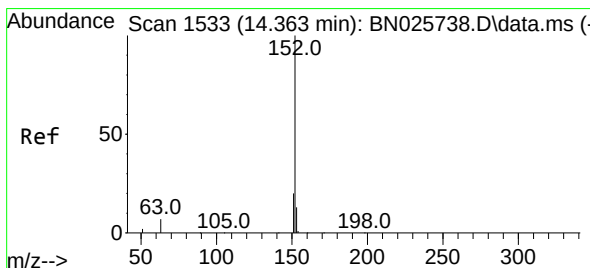
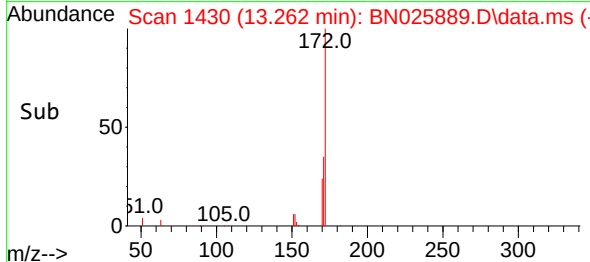
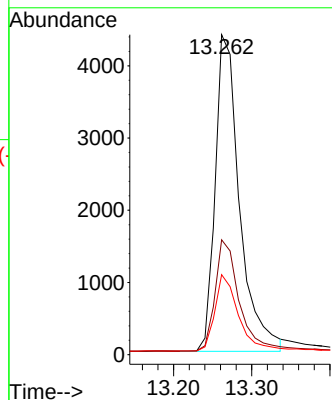
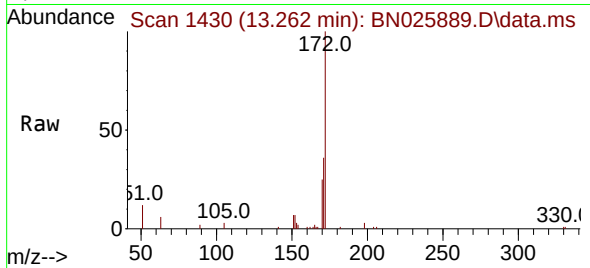




#15  
2-Fluorobiphenyl  
Concen: 0.391 ng  
RT: 13.262 min Scan# 1431  
Delta R.T. -0.000 min  
Lab File: BN025889.D  
Acq: 16 Jun 2023 20:56

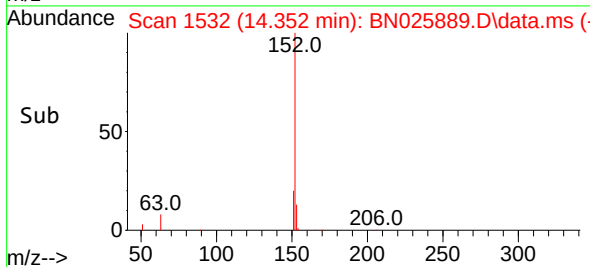
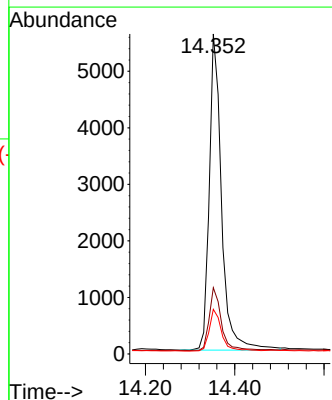
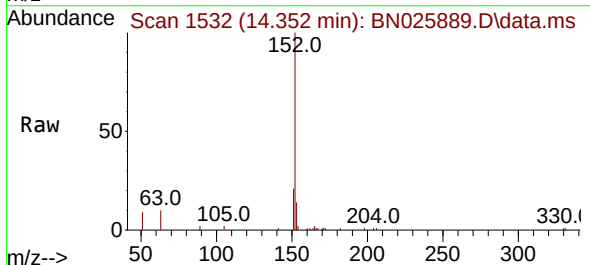
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

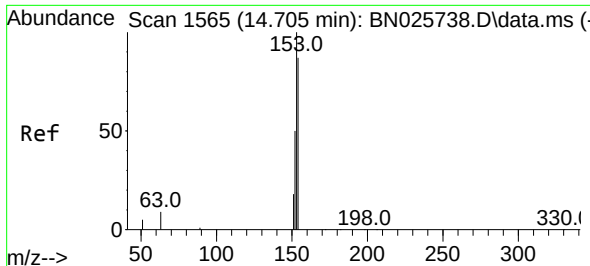
|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 172   | Resp: | 9494 |
| Ion Ratio | Lower | Upper |      |
| 172       | 100   |       |      |
| 171       | 35.9  | 27.3  | 40.9 |
| 170       | 25.0  | 18.6  | 28.0 |



#16  
Acenaphthylene  
Concen: 0.384 ng  
RT: 14.352 min Scan# 1532  
Delta R.T. -0.000 min  
Lab File: BN025889.D  
Acq: 16 Jun 2023 20:56

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 152   | Resp: | 10628 |
| Ion Ratio | Lower | Upper |       |
| 152       | 100   |       |       |
| 151       | 19.9  | 15.4  | 23.0  |
| 153       | 13.2  | 10.4  | 15.6  |

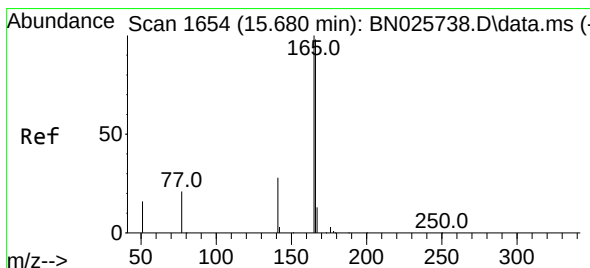
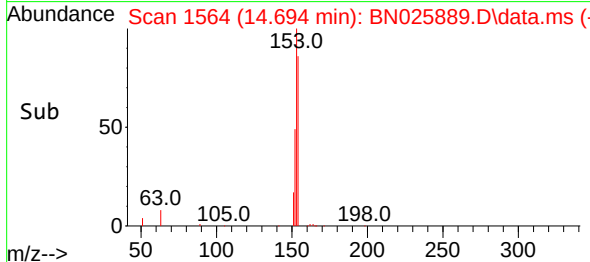
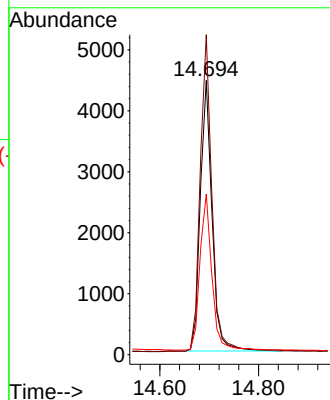
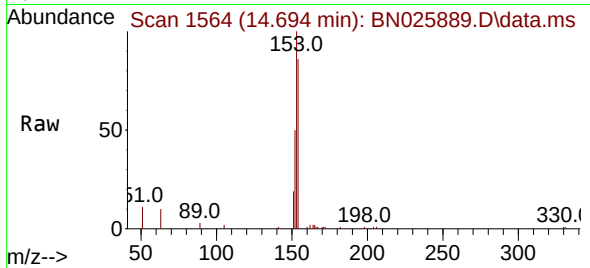




#17  
Acenaphthene  
Concen: 0.402 ng  
RT: 14.694 min Scan# 1564  
Delta R.T. -0.000 min  
Lab File: BN025889.D  
Acq: 16 Jun 2023 20:56

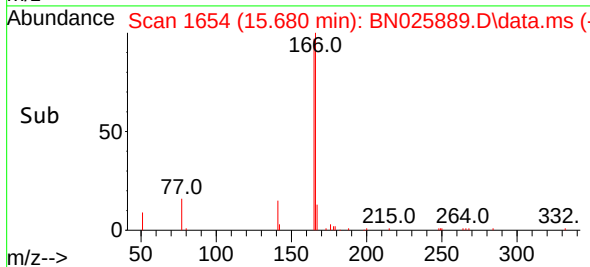
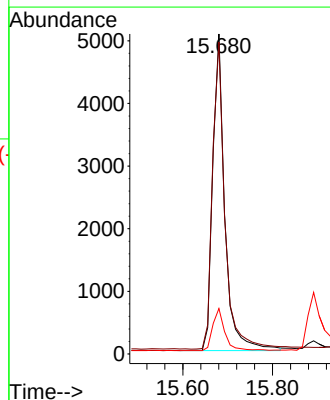
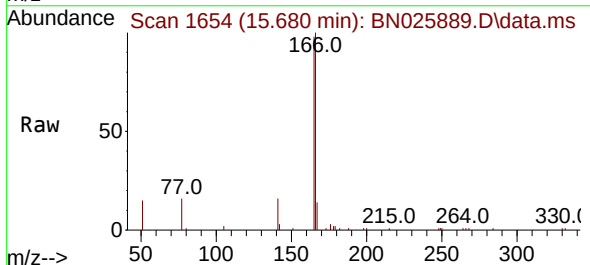
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

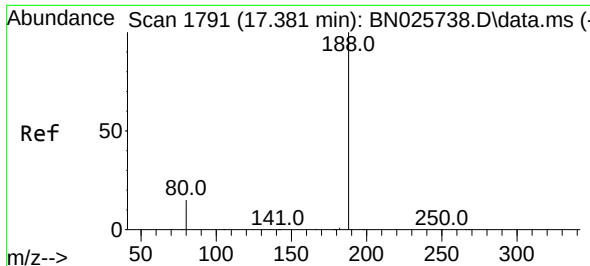
Tgt Ion:154 Resp: 7304  
Ion Ratio Lower Upper  
154 100  
153 117.8 93.0 139.6  
152 59.0 46.5 69.7



#18  
Fluorene  
Concen: 0.404 ng  
RT: 15.680 min Scan# 1654  
Delta R.T. 0.012 min  
Lab File: BN025889.D  
Acq: 16 Jun 2023 20:56

Tgt Ion:166 Resp: 9439  
Ion Ratio Lower Upper  
166 100  
165 99.1 80.1 120.1  
167 13.6 10.7 16.1

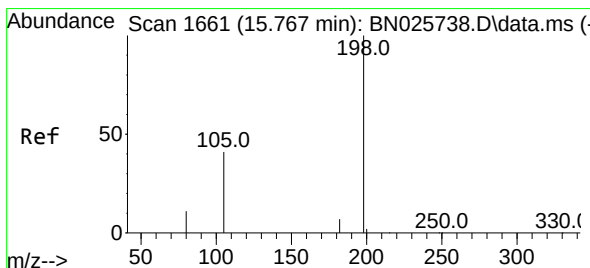
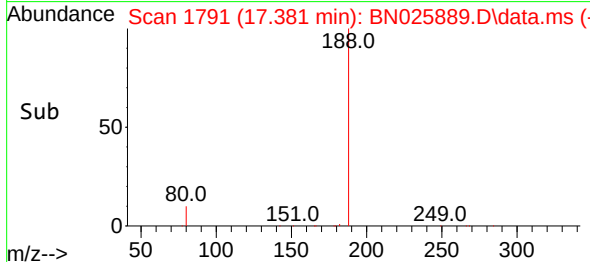
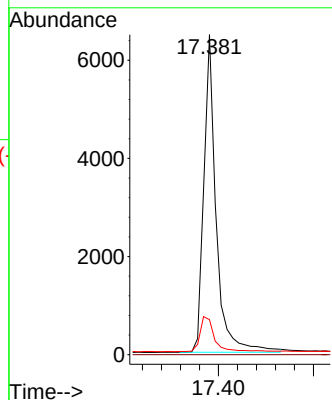
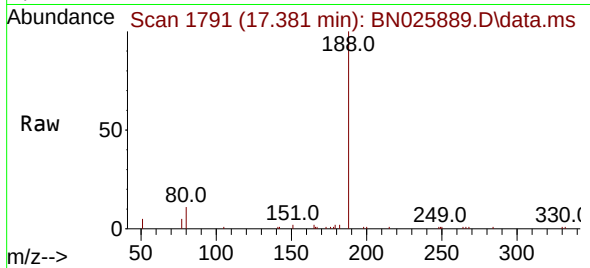




#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.381 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BN025889.D  
Acq: 16 Jun 2023 20:56

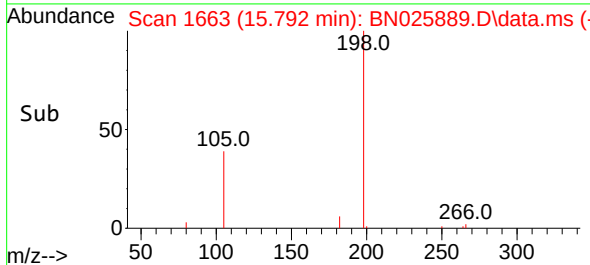
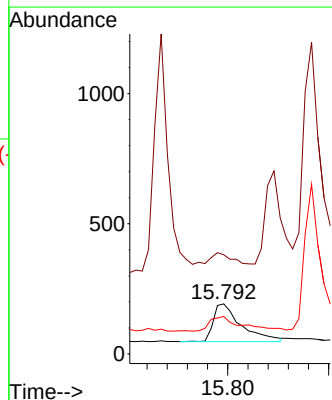
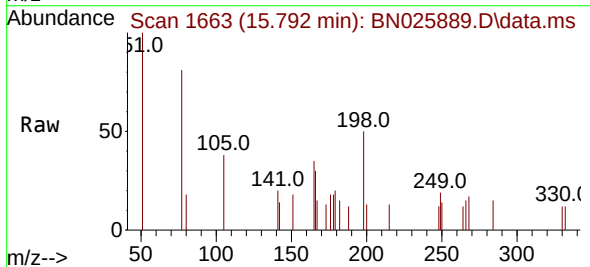
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

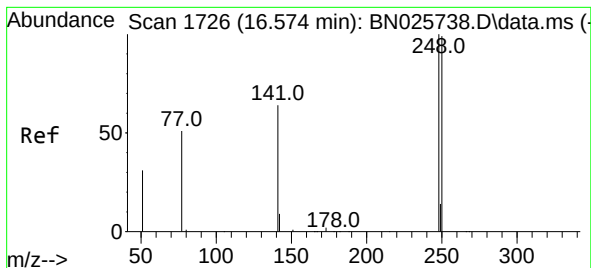
Tgt Ion:188 Resp: 11697  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 11.0 12.1 18.1#



#20  
4,6-Dinitro-2-methylphenol  
Concen: 0.264 ng  
RT: 15.792 min Scan# 1663  
Delta R.T. 0.012 min  
Lab File: BN025889.D  
Acq: 16 Jun 2023 20:56

Tgt Ion:198 Resp: 559  
Ion Ratio Lower Upper  
198 100  
51 198.4 62.7 94.1#  
105 75.0 42.2 63.4#

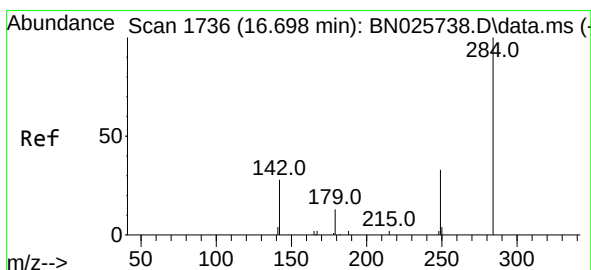
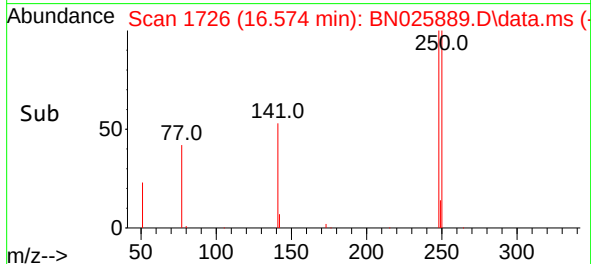
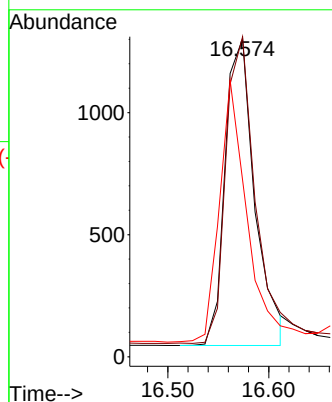
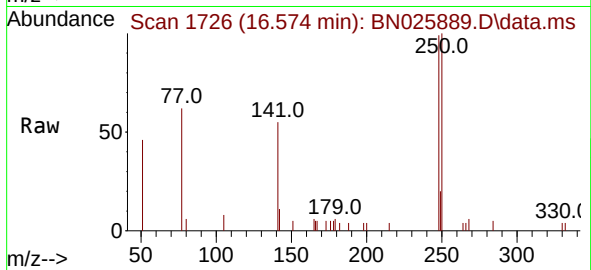




#21  
4-Bromophenyl-phenylether  
Concen: 0.381 ng  
RT: 16.574 min Scan# 1726  
Delta R.T. 0.012 min  
Lab File: BN025889.D  
Acq: 16 Jun 2023 20:56

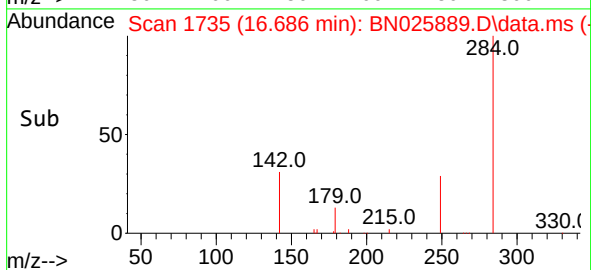
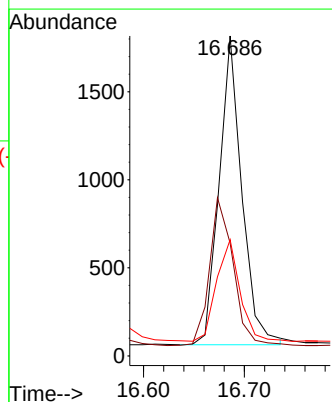
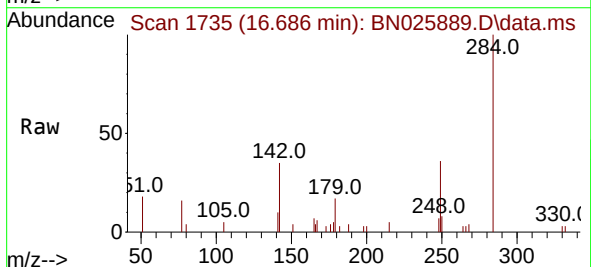
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

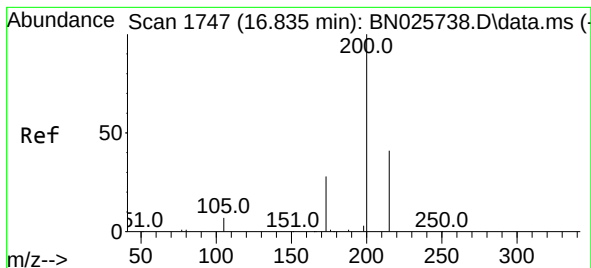
Tgt Ion:248 Resp: 2580  
Ion Ratio Lower Upper  
248 100  
250 100.6 79.1 118.7  
141 55.5 51.9 77.9



#22  
Hexachlorobenzene  
Concen: 0.472 ng  
RT: 16.686 min Scan# 1735  
Delta R.T. -0.000 min  
Lab File: BN025889.D  
Acq: 16 Jun 2023 20:56

Tgt Ion:284 Resp: 2738  
Ion Ratio Lower Upper  
284 100  
142 49.8 45.0 67.4  
249 33.2 29.6 44.4





#23

Atrazine

Concen: 0.392 ng

RT: 16.835 min Scan# 1747

Delta R.T. -0.000 min

Lab File: BN025889.D

Acq: 16 Jun 2023 20:56

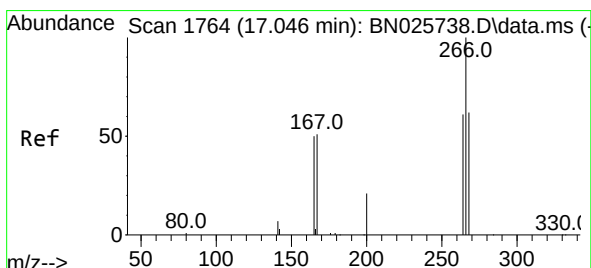
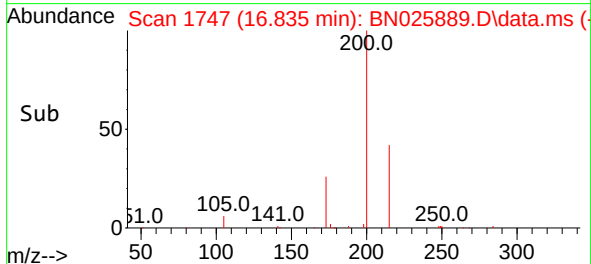
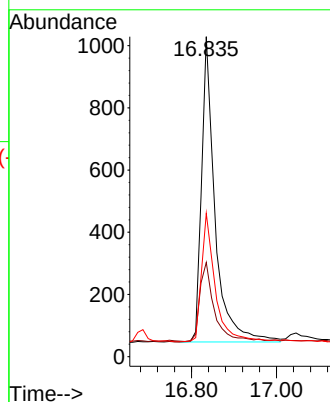
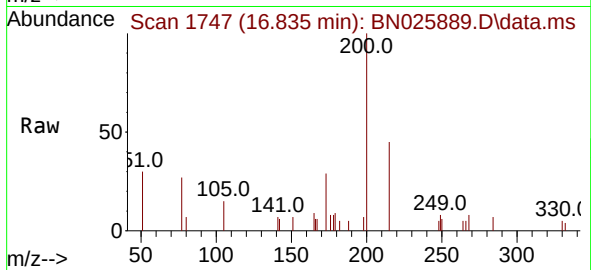
Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4EC

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 200   | Resp: | 2164 |
| Ion Ratio | Lower | Upper |      |
| 200       | 100   |       |      |
| 173       | 29.4  | 23.8  | 35.6 |
| 215       | 44.8  | 33.8  | 50.6 |



#24

Pentachlorophenol

Concen: 0.161 ng

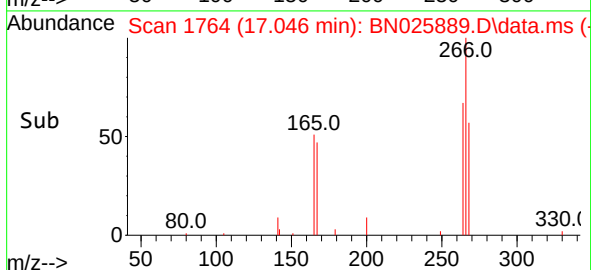
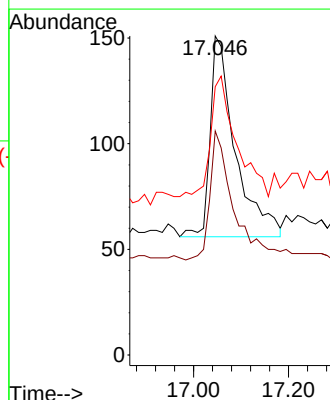
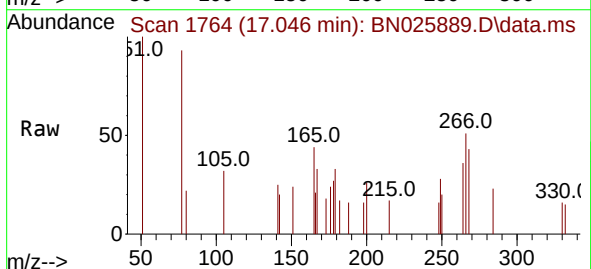
RT: 17.046 min Scan# 1764

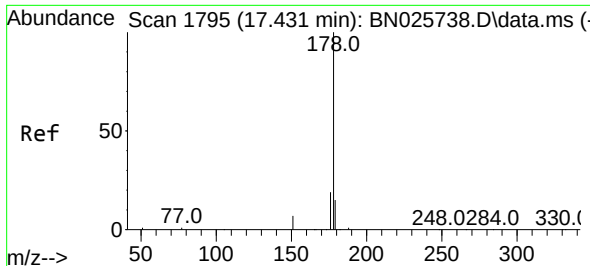
Delta R.T. -0.000 min

Lab File: BN025889.D

Acq: 16 Jun 2023 20:56

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 266   | Resp: | 348  |
| Ion Ratio | Lower | Upper |      |
| 266       | 100   |       |      |
| 264       | 60.3  | 48.6  | 73.0 |
| 268       | 60.6  | 51.8  | 77.6 |

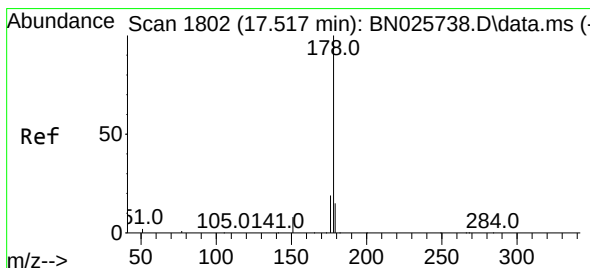
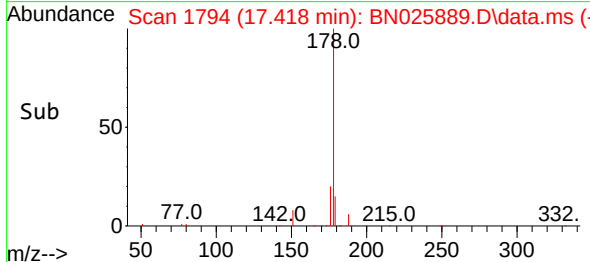
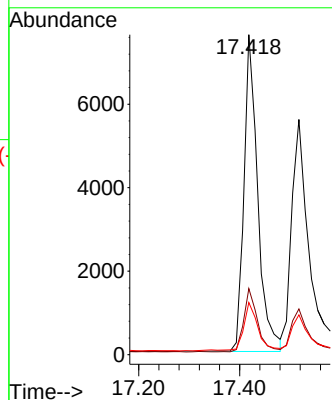
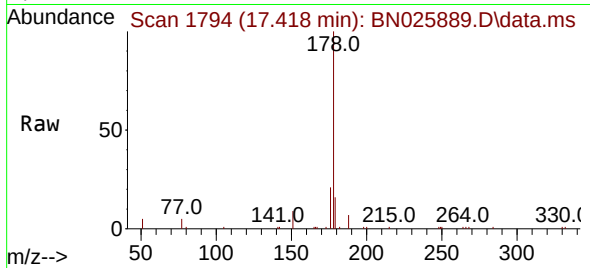




#25  
Phenanthrene  
Concen: 0.402 ng  
RT: 17.418 min Scan# 1794  
Delta R.T. -0.000 min  
Lab File: BN025889.D  
Acq: 16 Jun 2023 20:56

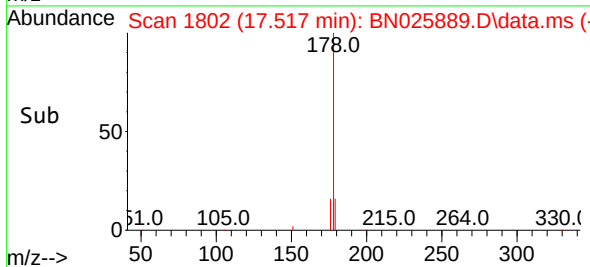
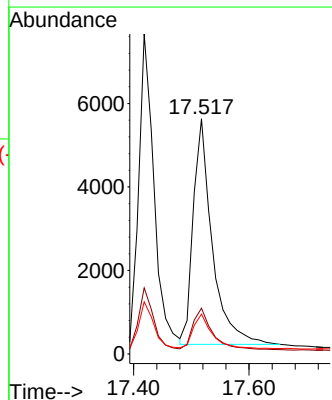
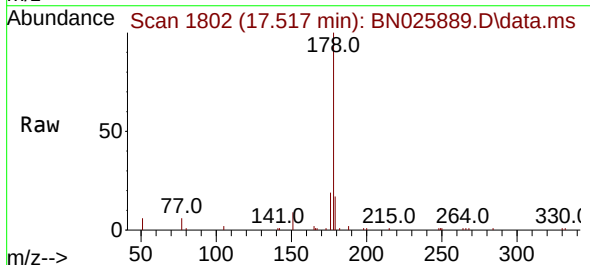
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

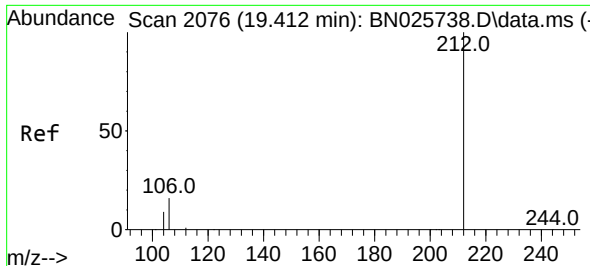
Tgt Ion:178 Resp: 14434  
Ion Ratio Lower Upper  
178 100  
176 19.7 15.7 23.5  
179 15.2 12.2 18.2



#26  
Anthracene  
Concen: 0.377 ng  
RT: 17.517 min Scan# 1802  
Delta R.T. 0.012 min  
Lab File: BN025889.D  
Acq: 16 Jun 2023 20:56

Tgt Ion:178 Resp: 12390  
Ion Ratio Lower Upper  
178 100  
176 18.5 15.1 22.7  
179 15.0 12.2 18.2

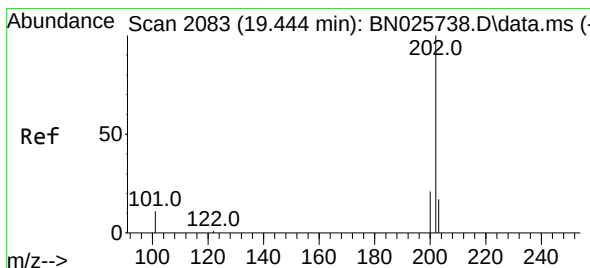
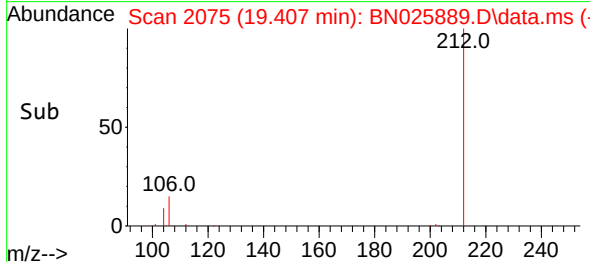
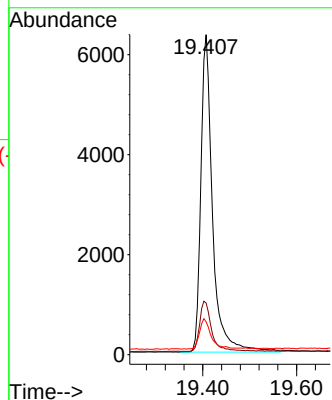
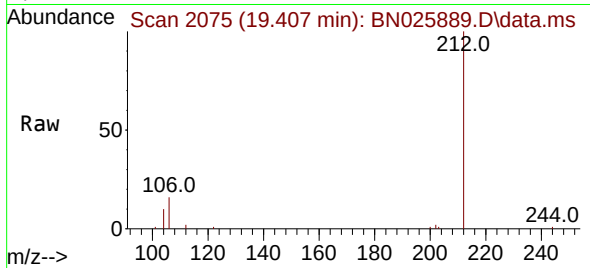




#27  
Fluoranthene-d10  
Concen: 0.456 ng  
RT: 19.407 min Scan# 2075  
Delta R.T. -0.000 min  
Lab File: BN025889.D  
Acq: 16 Jun 2023 20:56

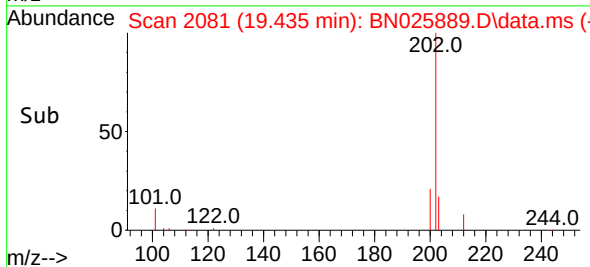
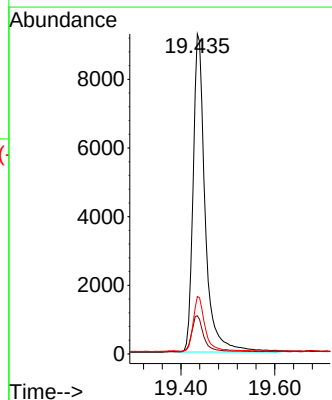
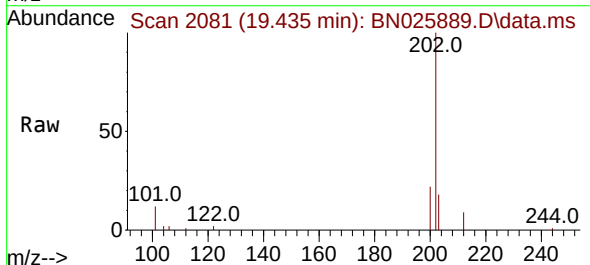
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

Tgt Ion:212 Resp: 10980  
Ion Ratio Lower Upper  
212 100  
106 16.0 13.0 19.6  
104 9.6 7.7 11.5

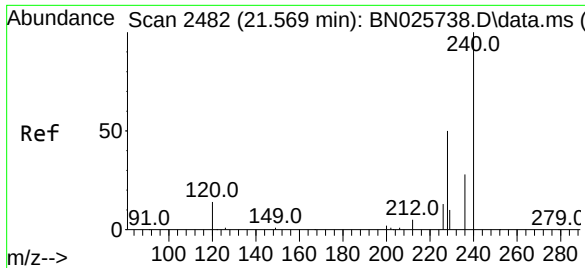


#28  
Fluoranthene  
Concen: 0.466 ng  
RT: 19.435 min Scan# 2081  
Delta R.T. -0.000 min  
Lab File: BN025889.D  
Acq: 16 Jun 2023 20:56

Tgt Ion:202 Resp: 16509  
Ion Ratio Lower Upper  
202 100  
101 11.7 9.8 14.8  
203 16.7 13.4 20.2



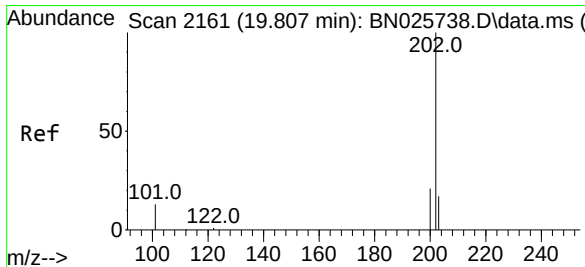
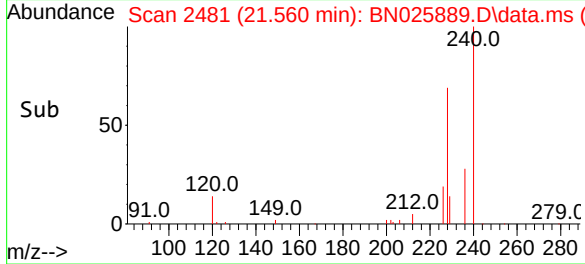
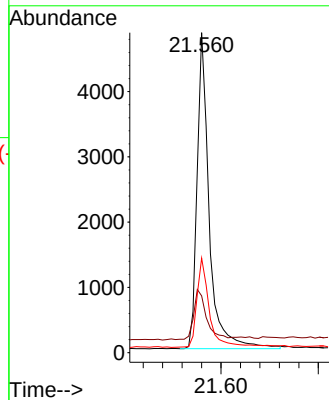
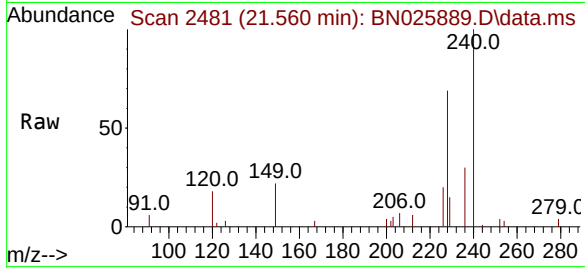




#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.560 min Scan# 2481  
Delta R.T. -0.000 min  
Lab File: BN025889.D  
Acq: 16 Jun 2023 20:56

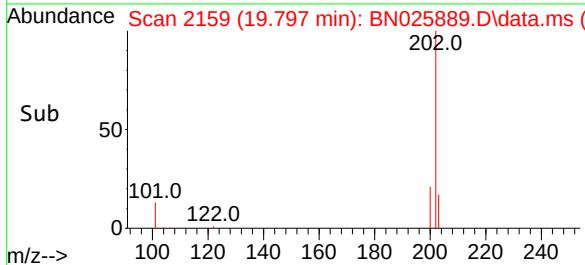
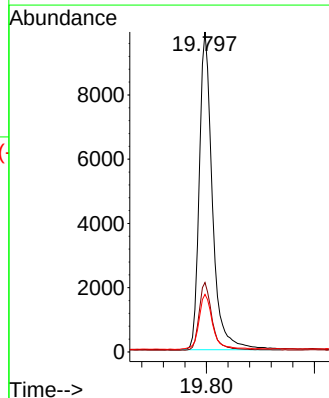
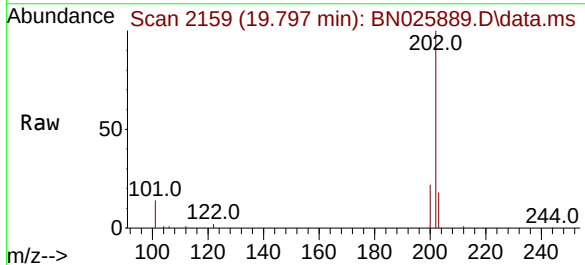
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

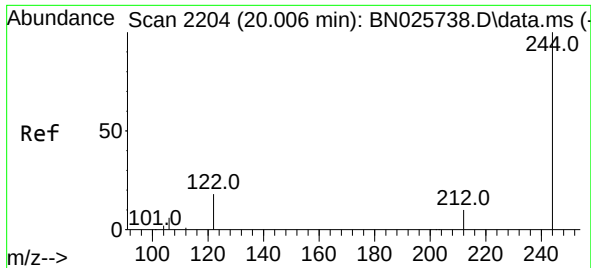
Tgt Ion:240 Resp: 8354  
Ion Ratio Lower Upper  
240 100  
120 17.8 13.2 19.8  
236 29.6 23.1 34.7



#30  
Pyrene  
Concen: 0.353 ng  
RT: 19.797 min Scan# 2159  
Delta R.T. -0.000 min  
Lab File: BN025889.D  
Acq: 16 Jun 2023 20:56

Tgt Ion:202 Resp: 16705  
Ion Ratio Lower Upper  
202 100  
200 21.2 17.0 25.6  
203 18.0 14.2 21.2

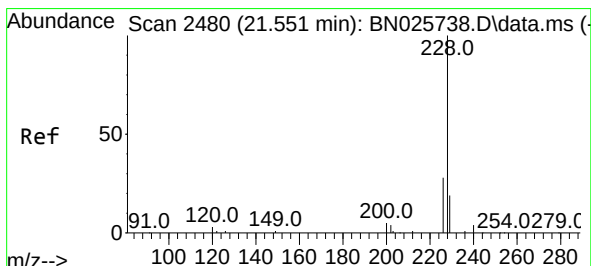
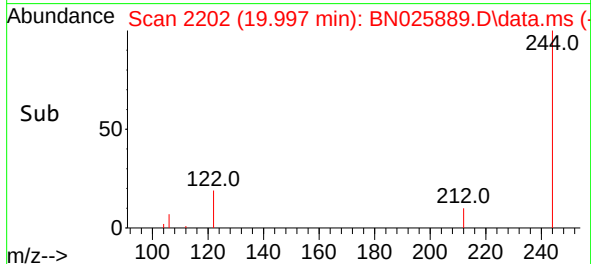
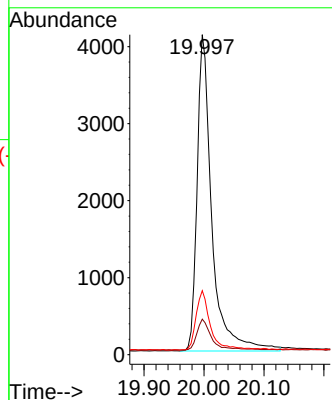
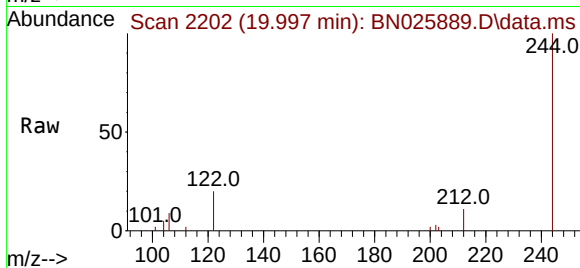




#31  
 Terphenyl-d14  
 Concen: 0.346 ng  
 RT: 19.997 min Scan# 21  
 Delta R.T. -0.000 min  
 Lab File: BN025889.D  
 Acq: 16 Jun 2023 20:56

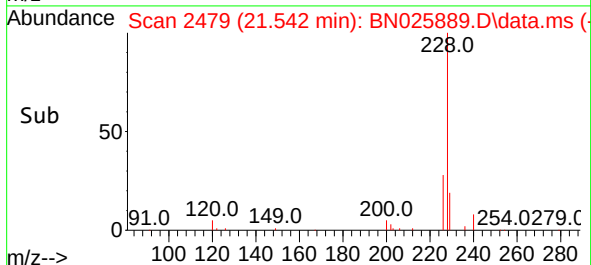
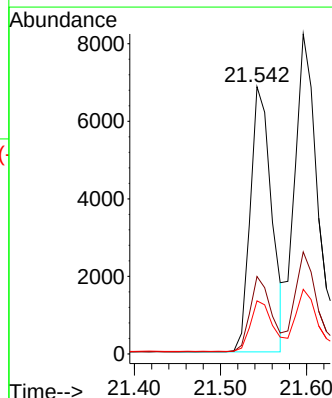
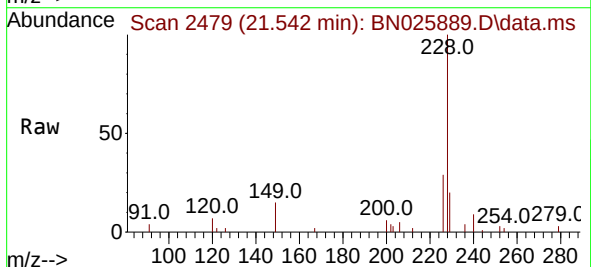
Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC0.4EC

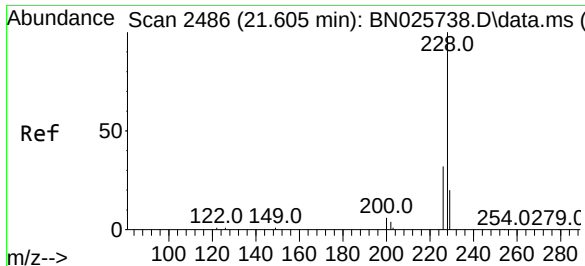
Tgt Ion:244 Resp: 7004  
 Ion Ratio Lower Upper  
 244 100  
 212 11.1 8.6 12.8  
 122 20.0 15.2 22.8



#32  
 Benzo(a)anthracene  
 Concen: 0.365 ng  
 RT: 21.542 min Scan# 2479  
 Delta R.T. -0.000 min  
 Lab File: BN025889.D  
 Acq: 16 Jun 2023 20:56

Tgt Ion:228 Resp: 11788  
 Ion Ratio Lower Upper  
 228 100  
 226 29.0 22.9 34.3  
 229 19.9 15.6 23.4





#33

Chrysene

Concen: 0.442 ng

RT: 21.596 min Scan# 2486

Delta R.T. -0.000 min

Lab File: BN025889.D

Acq: 16 Jun 2023 20:56

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4EC

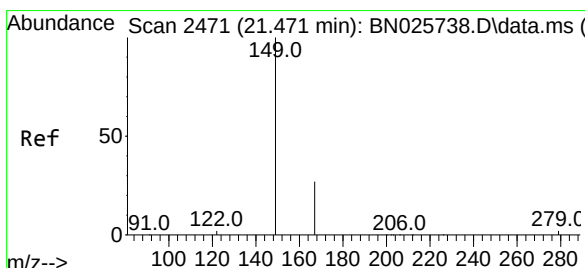
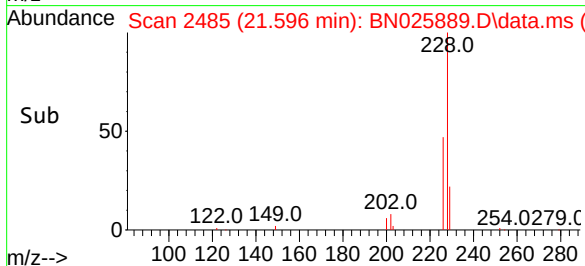
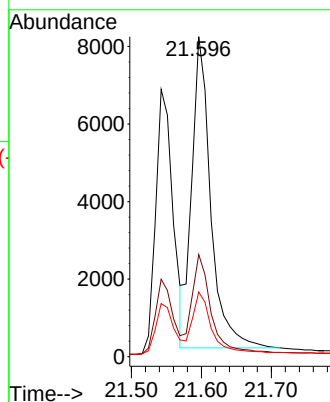
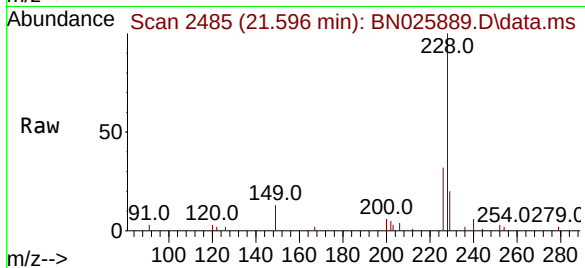
Tgt Ion:228 Resp: 15099

Ion Ratio Lower Upper

228 100

226 31.9 25.4 38.2

229 20.2 16.1 24.1



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.414 ng

RT: 21.453 min Scan# 2469

Delta R.T. -0.000 min

Lab File: BN025889.D

Acq: 16 Jun 2023 20:56

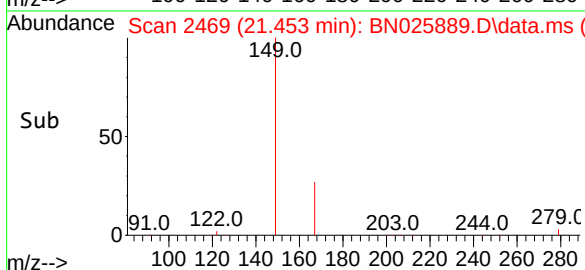
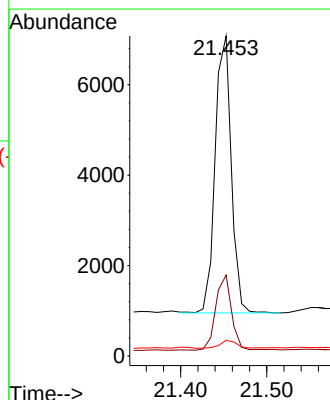
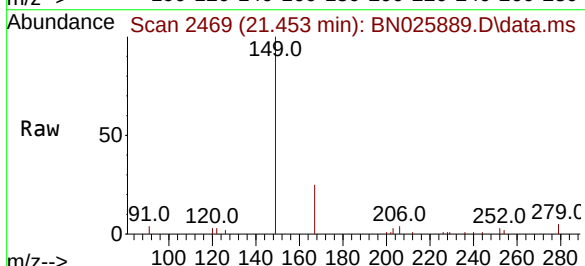
Tgt Ion:149 Resp: 7943

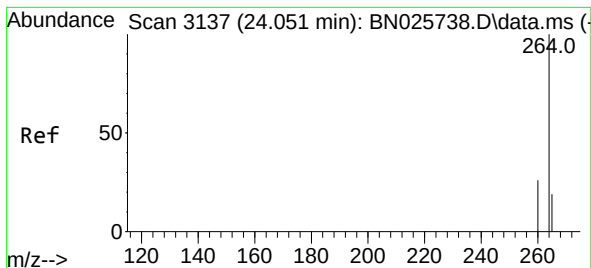
Ion Ratio Lower Upper

149 100

167 26.7 21.0 31.6

279 2.9 2.2 3.4





#35

Perylene-d12

Concen: 0.400 ng

RT: 24.028 min Scan# 31

Delta R.T. -0.012 min

Lab File: BN025889.D

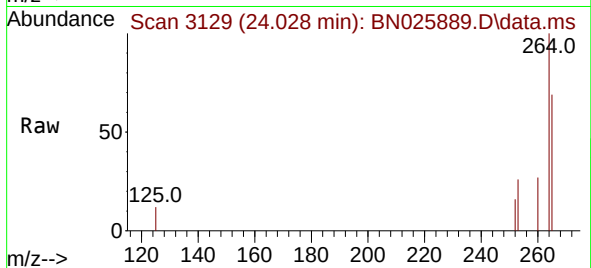
Acq: 16 Jun 2023 20:56

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4EC



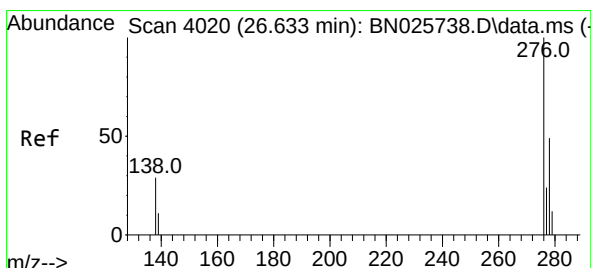
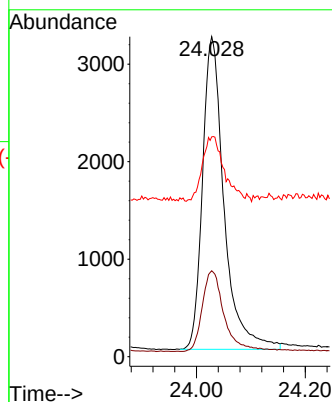
Tgt Ion:264 Resp: 8787

Ion Ratio Lower Upper

264 100

260 26.8 21.4 32.2

265 68.7 44.7 67.1#



#36

Indeno(1,2,3-cd)pyrene

Concen: 0.441 ng

RT: 26.607 min Scan# 4011

Delta R.T. -0.032 min

Lab File: BN025889.D

Acq: 16 Jun 2023 20:56

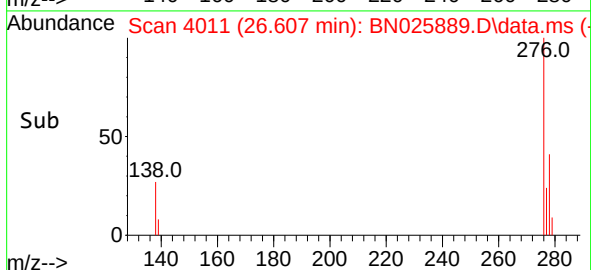
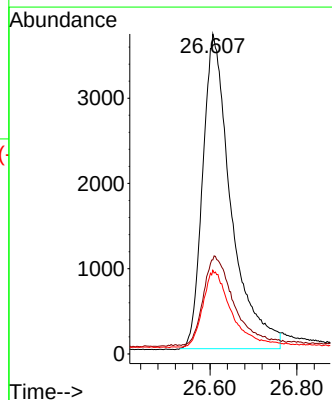
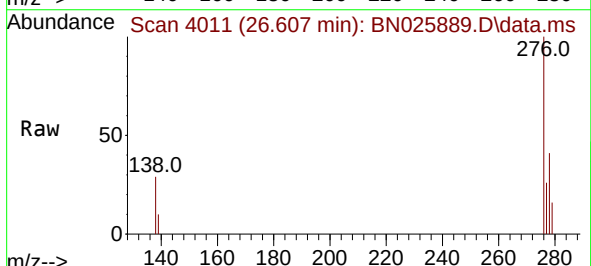
Tgt Ion:276 Resp: 16739

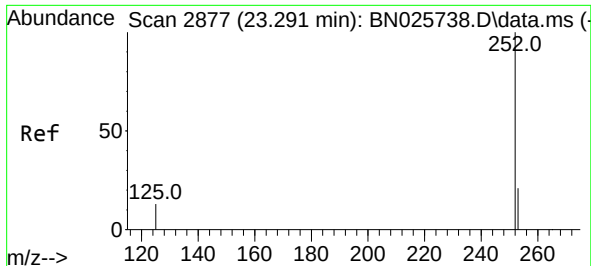
Ion Ratio Lower Upper

276 100

138 30.2 26.1 39.1

277 23.8 19.4 29.2

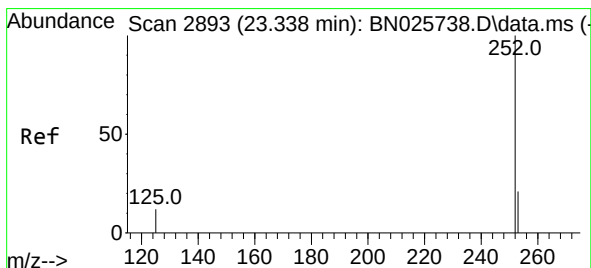
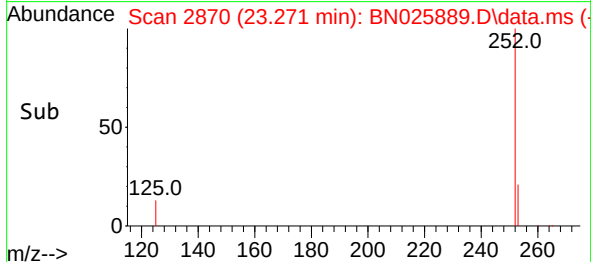
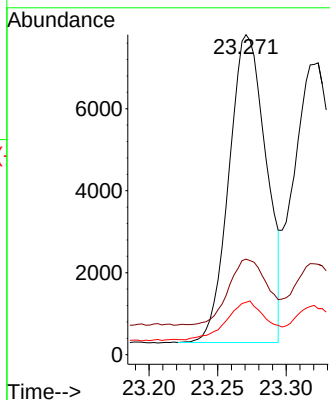
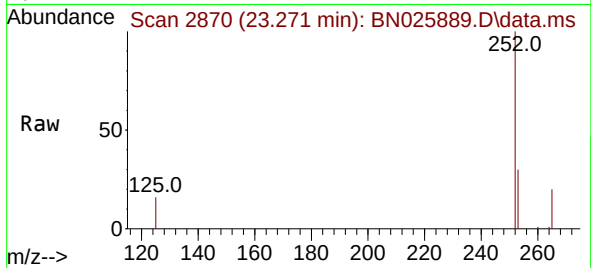




#37  
Benzo(b)fluoranthene  
Concen: 0.409 ng  
RT: 23.271 min Scan# 2877  
Delta R.T. -0.012 min  
Lab File: BN025889.D  
Acq: 16 Jun 2023 20:56

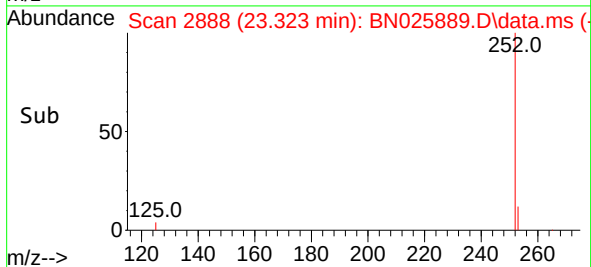
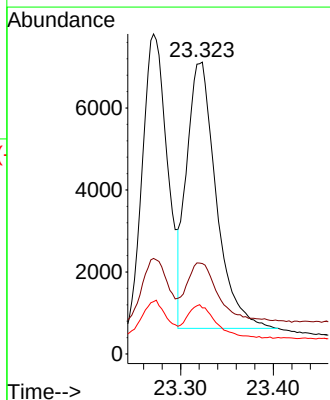
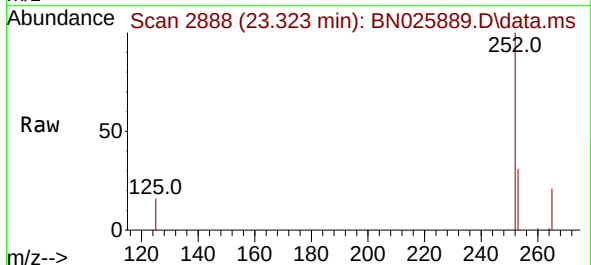
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

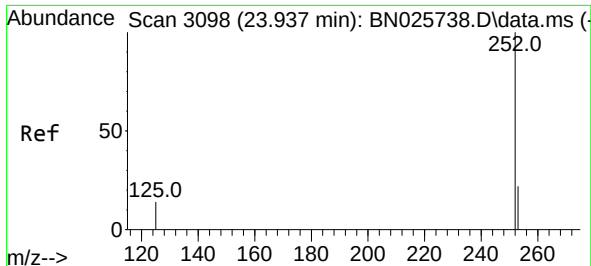
Tgt Ion:252 Resp: 14157  
Ion Ratio Lower Upper  
252 100  
253 29.9 23.4 35.0  
125 16.4 12.3 18.5



#38  
Benzo(k)fluoranthene  
Concen: 0.407 ng  
RT: 23.323 min Scan# 2888  
Delta R.T. -0.006 min  
Lab File: BN025889.D  
Acq: 16 Jun 2023 20:56

Tgt Ion:252 Resp: 14422  
Ion Ratio Lower Upper  
252 100  
253 31.0 24.2 36.4  
125 15.8 12.2 18.2





#39

Benzo(a)pyrene

Concen: 0.414 ng

RT: 23.920 min Scan# 3098

Delta R.T. -0.012 min

Lab File: BN025889.D

Acq: 16 Jun 2023 20:56

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4EC

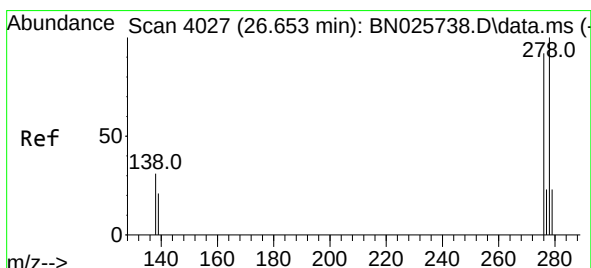
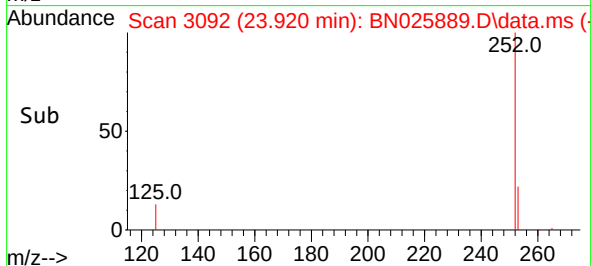
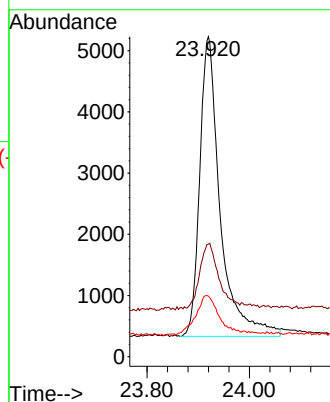
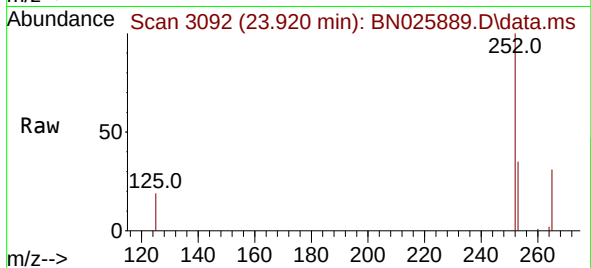
Tgt Ion:252 Resp: 13587

Ion Ratio Lower Upper

252 100

253 35.1 27.5 41.3

125 18.9 14.6 21.8



#40

Dibenzo(a,h)anthracene

Concen: 0.412 ng

RT: 26.630 min Scan# 4019

Delta R.T. -0.026 min

Lab File: BN025889.D

Acq: 16 Jun 2023 20:56

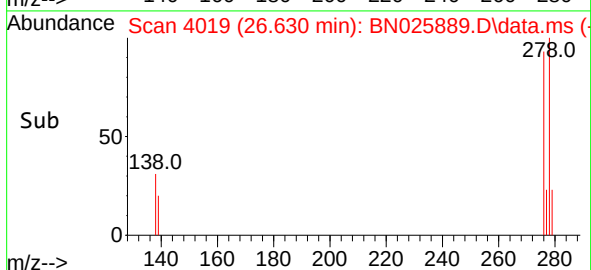
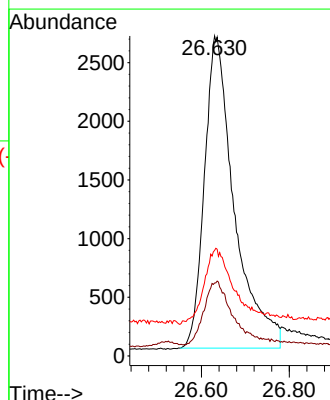
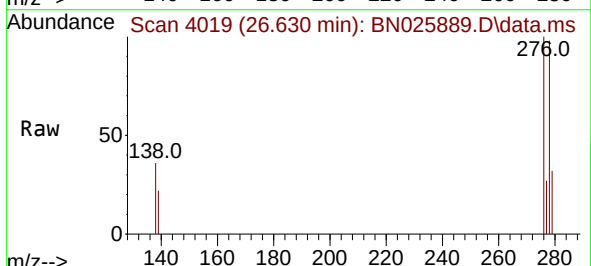
Tgt Ion:278 Resp: 12579

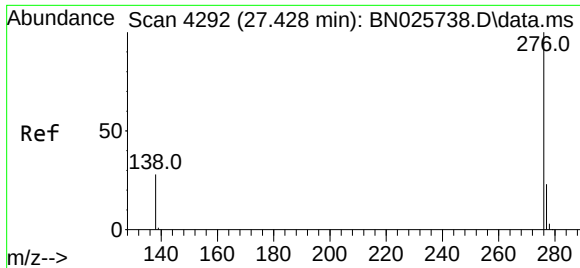
Ion Ratio Lower Upper

278 100

139 22.8 18.7 28.1

279 33.0 25.1 37.7





#41  
 Benzo(g,h,i)perylene  
 Concen: 0.467 ng  
 RT: 27.399 min Scan# 41  
 Delta R.T. -0.038 min  
 Lab File: BN025889.D  
 Acq: 16 Jun 2023 20:56

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC0.4EC

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 276   | Resp: | 15921 |
| Ion Ratio | Lower | Upper |       |
| 276       | 100   |       |       |
| 277       | 25.6  | 20.2  | 30.2  |
| 138       | 29.7  | 24.2  | 36.4  |

