

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN031623\  
 Data File : BN024313.D  
 Acq On : 16 Mar 2023 16:17  
 Operator : CG/JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC0.4EC

Quant Time: Mar 17 04:42:13 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN031323.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Mar 17 04:37:08 2023  
 Response via : Initial Calibration

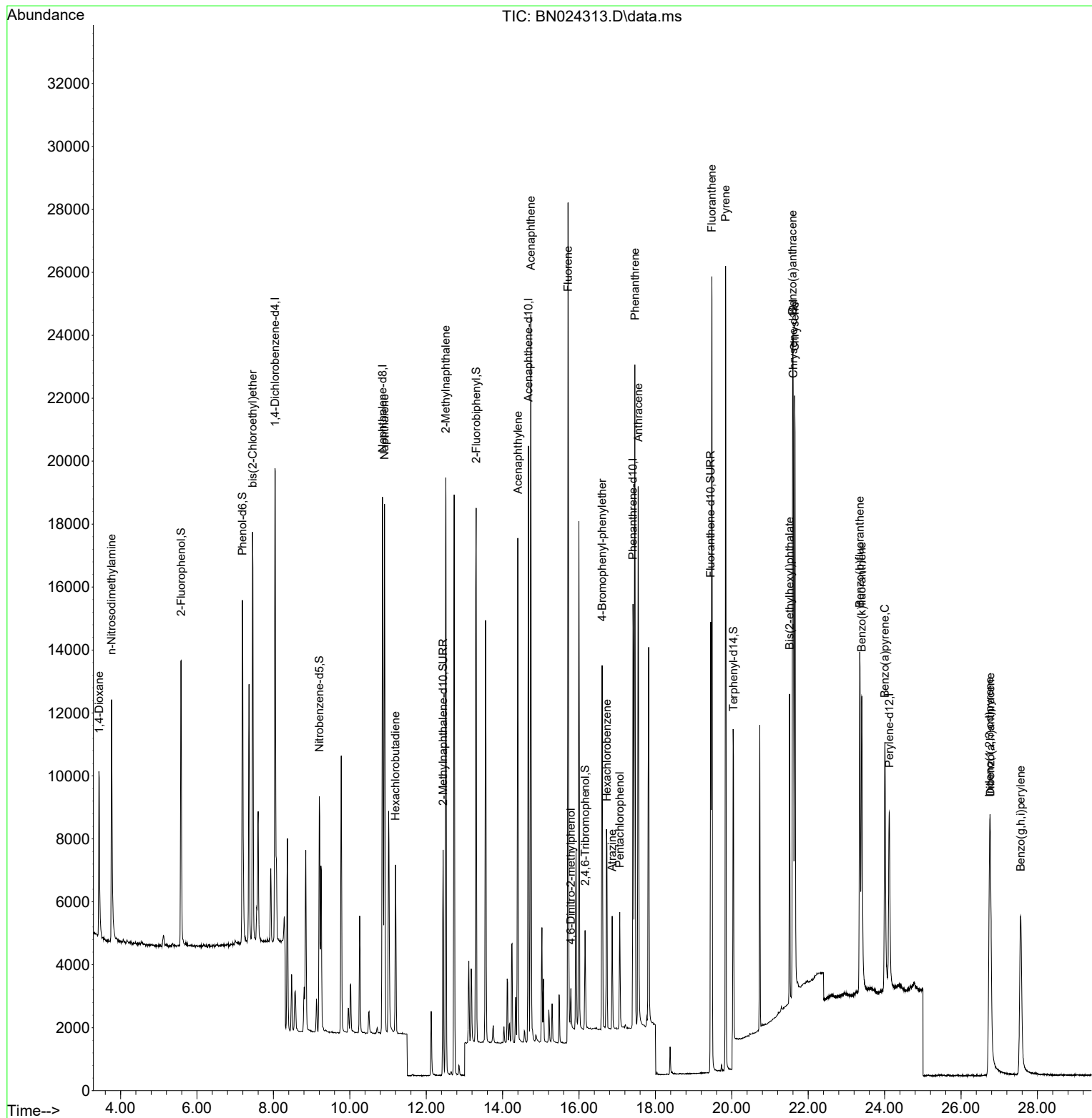
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.047  | 152  | 7707     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.855 | 136  | 21600    | 0.400 | ng    | # 0.00   |
| 13) Acenaphthene-d10          | 14.675 | 164  | 9709     | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.413 | 188  | 19044    | 0.400 | ng    | # 0.00   |
| 29) Chrysene-d12              | 21.610 | 240  | 13110    | 0.400 | ng    | # 0.00   |
| 35) Perylene-d12              | 24.120 | 264  | 9751     | 0.400 | ng    | # 0.00   |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.584  | 112  | 7602     | 0.445 | ng    | 0.00     |
| 5) Phenol-d6                  | 7.188  | 99   | 9773     | 0.446 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 9.200  | 82   | 6117     | 0.424 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 12.440 | 152  | 9201     | 0.347 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 16.159 | 330  | 1681     | 0.339 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 13.307 | 172  | 14876    | 0.406 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.446 | 212  | 14229    | 0.352 | ng    | 0.00     |
| 31) Terphenyl-d14             | 20.042 | 244  | 8414     | 0.381 | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       |          |
| 2) 1,4-Dioxane                | 3.439  | 88   | 3511     | 0.419 | ng    | 91       |
| 3) n-Nitrosodimethylamine     | 3.764  | 42   | 5864     | 0.477 | ng    | # 89     |
| 6) bis(2-Chloroethyl)ether    | 7.455  | 93   | 8906     | 0.409 | ng    | 94       |
| 9) Naphthalene                | 10.909 | 128  | 21295    | 0.388 | ng    | 99       |
| 10) Hexachlorobutadiene       | 11.197 | 225  | 4045     | 0.388 | ng    | # 99     |
| 12) 2-Methylnaphthalene       | 12.512 | 142  | 13083    | 0.353 | ng    | 99       |
| 16) Acenaphthylene            | 14.397 | 152  | 16921    | 0.368 | ng    | 100      |
| 17) Acenaphthene              | 14.739 | 154  | 11066    | 0.377 | ng    | 95       |
| 18) Fluorene                  | 15.712 | 166  | 12628    | 0.360 | ng    | 100      |
| 20) 4,6-Dinitro-2-methylph... | 15.787 | 198  | 702      | 0.376 | ng    | 90       |
| 21) 4-Bromophenyl-phenylether | 16.606 | 248  | 3898     | 0.344 | ng    | # 79     |
| 22) Hexachlorobenzene         | 16.730 | 284  | 5321     | 0.383 | ng    | 96       |
| 23) Atrazine                  | 16.867 | 200  | 2725     | 0.379 | ng    | # 90     |
| 24) Pentachlorophenol         | 17.065 | 266  | 1705     | 0.330 | ng    | 99       |
| 25) Phenanthrene              | 17.462 | 178  | 21390    | 0.379 | ng    | 100      |
| 26) Anthracene                | 17.549 | 178  | 18225    | 0.350 | ng    | 100      |
| 28) Fluoranthene              | 19.475 | 202  | 22105    | 0.358 | ng    | 98       |
| 30) Pyrene                    | 19.838 | 202  | 22131    | 0.417 | ng    | 100      |
| 32) Benzo(a)anthracene        | 21.592 | 228  | 16100    | 0.368 | ng    | 99       |
| 33) Chrysene                  | 21.645 | 228  | 18845    | 0.403 | ng    | 99       |
| 34) Bis(2-ethylhexyl)phtha... | 21.511 | 149  | 8413     | 0.408 | ng    | 97       |
| 36) Indeno(1,2,3-cd)pyrene    | 26.746 | 276  | 13289    | 0.364 | ng    | 96       |
| 37) Benzo(b)fluoranthene      | 23.351 | 252  | 14874    | 0.392 | ng    | # 94     |
| 38) Benzo(k)fluoranthene      | 23.401 | 252  | 14787    | 0.378 | ng    | # 93     |
| 39) Benzo(a)pyrene            | 24.006 | 252  | 12840    | 0.369 | ng    | # 91     |
| 40) Dibenzo(a,h)anthracene    | 26.769 | 278  | 9788     | 0.346 | ng    | 92       |
| 41) Benzo(g,h,i)perylene      | 27.561 | 276  | 12857    | 0.389 | ng    | 96       |

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

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Instrument :  
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SSTDCCC0.4EC

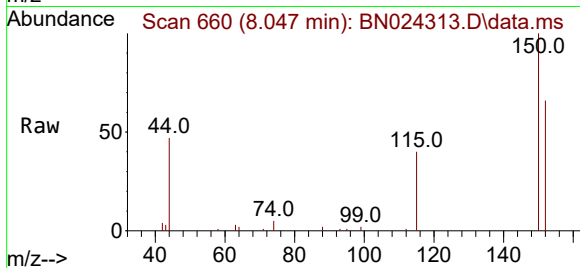
Quant Time: Mar 17 04:42:13 2023  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN031323.M  
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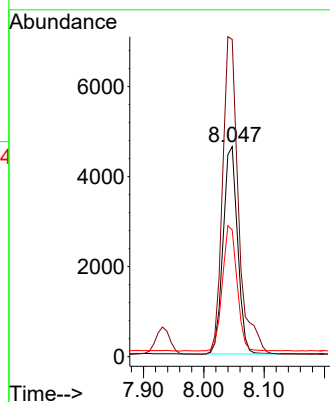
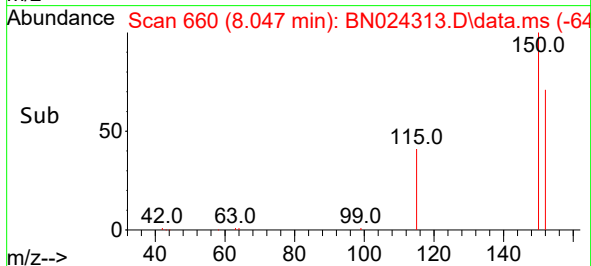


#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 8.047 min Scan# 660  
 Delta R.T. 0.007 min  
 Lab File: BN024313.D  
 Acq: 16 Mar 2023 16:17

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC0.4EC

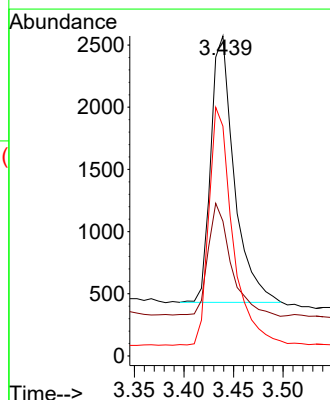
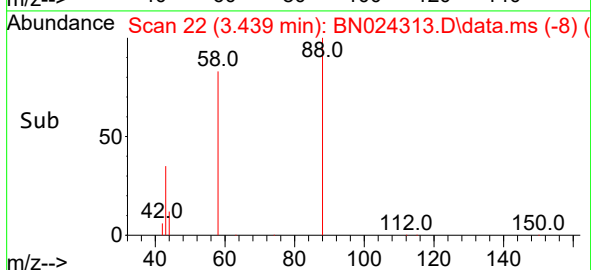
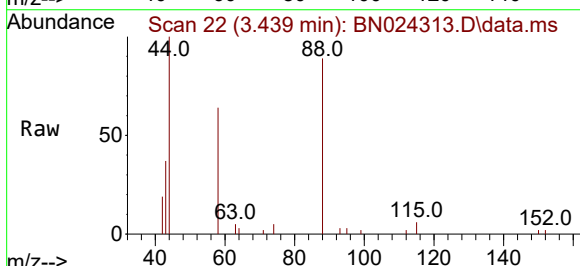


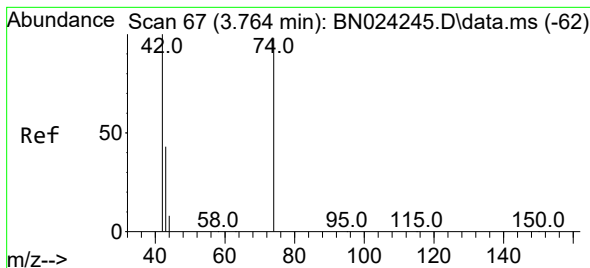
Tgt Ion:152 Resp: 7707  
 Ion Ratio Lower Upper  
 152 100  
 150 151.1 124.7 187.1  
 115 60.3 49.1 73.7



#2  
 1,4-Dioxane  
 Concen: 0.419 ng  
 RT: 3.439 min Scan# 22  
 Delta R.T. -0.000 min  
 Lab File: BN024313.D  
 Acq: 16 Mar 2023 16:17

Tgt Ion: 88 Resp: 3511  
 Ion Ratio Lower Upper  
 88 100  
 43 42.5 29.0 43.4  
 58 91.2 67.3 100.9





#3

n-Nitrosodimethylamine

Concen: 0.477 ng

RT: 3.764 min Scan# 61

Delta R.T. -0.000 min

Lab File: BN024313.D

Acq: 16 Mar 2023 16:17

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4EC

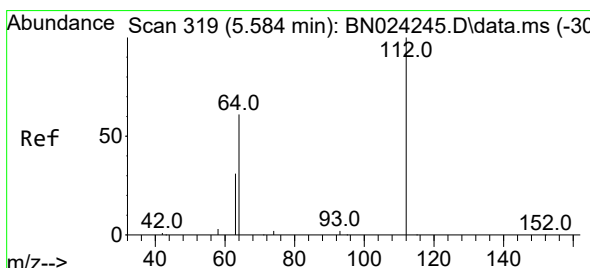
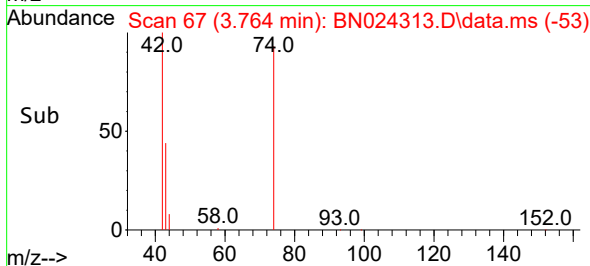
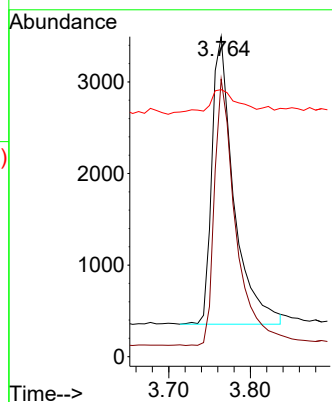
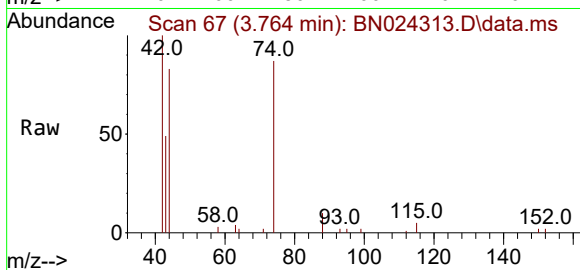
Tgt Ion: 42 Resp: 5864

Ion Ratio Lower Upper

42 100

74 90.2 81.6 122.4

44 11.7 7.3 10.9#



#4

2-Fluorophenol

Concen: 0.445 ng

RT: 5.584 min Scan# 319

Delta R.T. 0.007 min

Lab File: BN024313.D

Acq: 16 Mar 2023 16:17

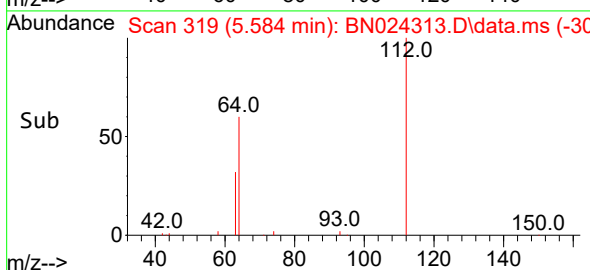
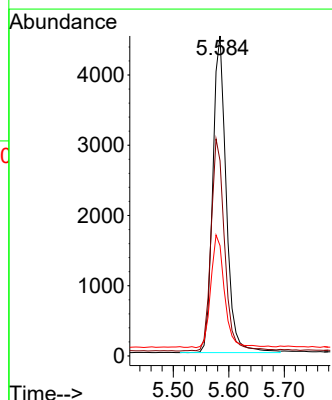
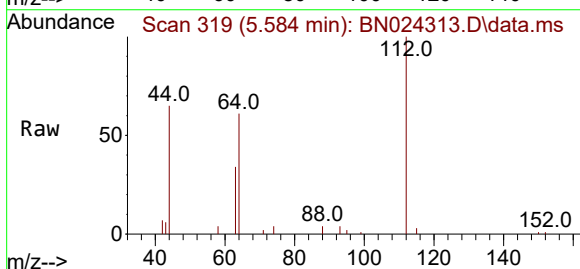
Tgt Ion: 112 Resp: 7602

Ion Ratio Lower Upper

112 100

64 67.8 49.0 73.6

63 36.0 25.7 38.5

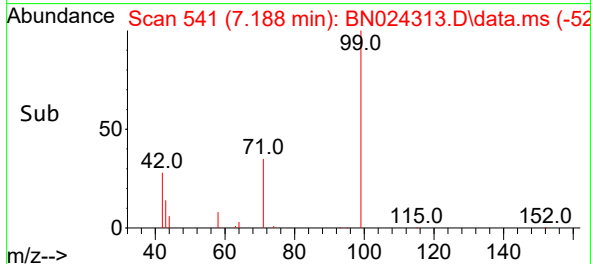
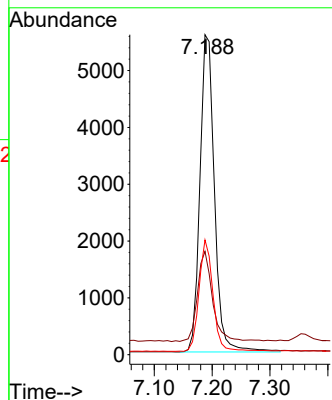
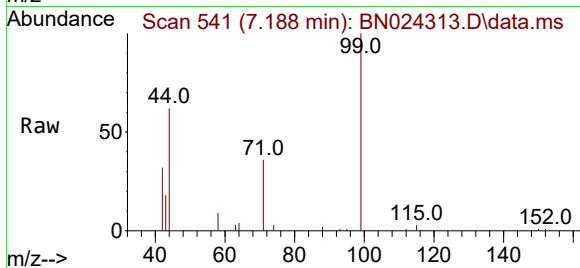




#5  
Phenol-d6  
Concen: 0.446 ng  
RT: 7.188 min Scan# 541  
Delta R.T. -0.000 min  
Lab File: BN024313.D  
Acq: 16 Mar 2023 16:17

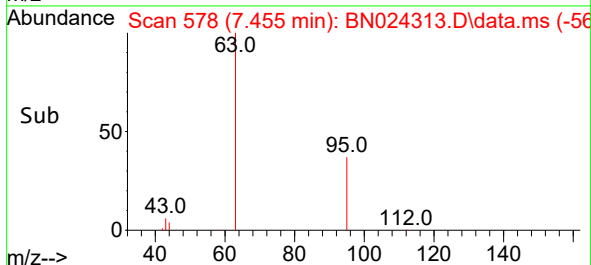
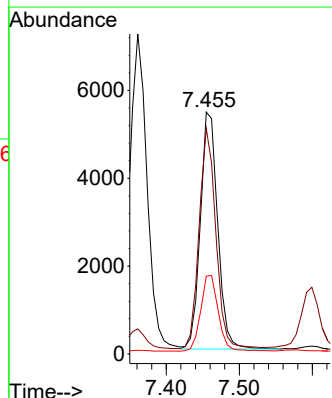
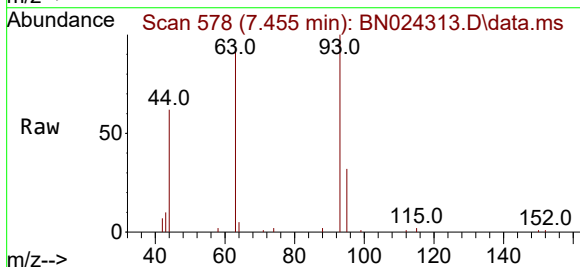
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

Tgt Ion: 99 Resp: 9773  
Ion Ratio Lower Upper  
99 100  
42 29.3 20.1 30.1  
71 33.9 25.8 38.8



#6  
bis(2-Chloroethyl)ether  
Concen: 0.409 ng  
RT: 7.455 min Scan# 578  
Delta R.T. -0.000 min  
Lab File: BN024313.D  
Acq: 16 Mar 2023 16:17

Tgt Ion: 93 Resp: 8906  
Ion Ratio Lower Upper  
93 100  
63 89.1 65.4 98.2  
95 32.3 25.8 38.8

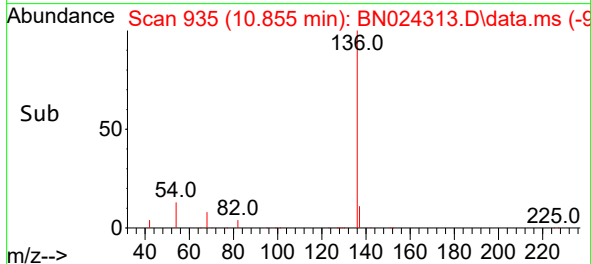
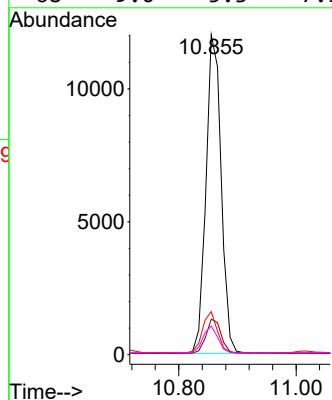
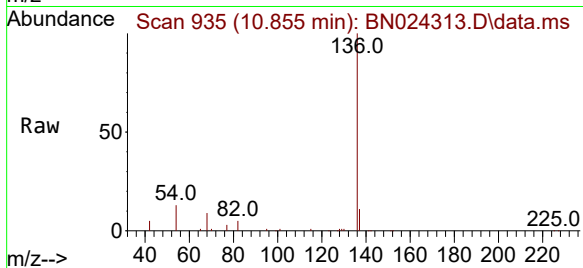




#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.855 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: BN024313.D  
Acq: 16 Mar 2023 16:17

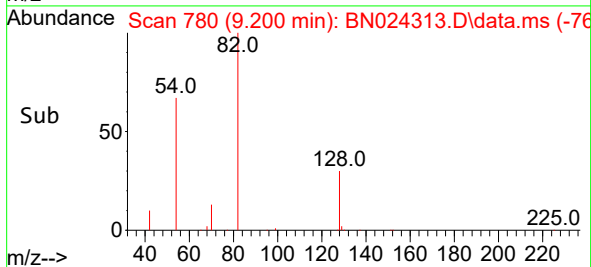
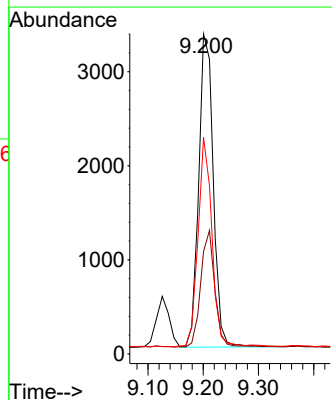
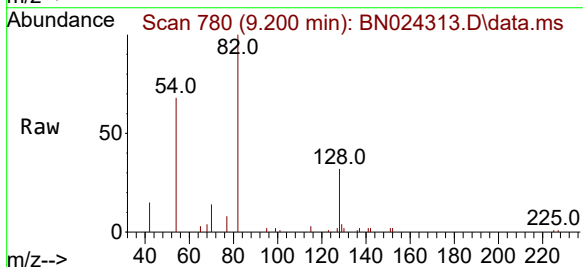
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

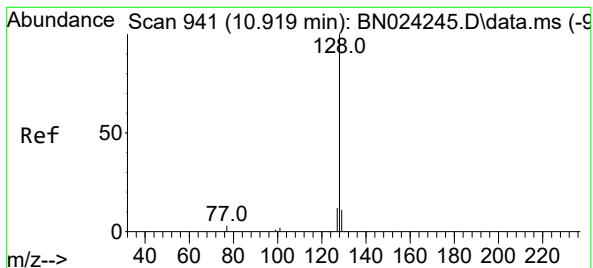
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|-----------|-------|-------|-------|
| Tgt Ion:  | 136   | Resp: | 21600 |
| Ion Ratio | Lower | Upper |       |
| 136       | 100   |       |       |
| 137       | 11.1  | 8.9   | 13.3  |
| 54        | 13.5  | 7.1   | 10.7# |
| 68        | 9.0   | 5.3   | 7.9#  |



#8  
Nitrobenzene-d5  
Concen: 0.424 ng  
RT: 9.200 min Scan# 780  
Delta R.T. -0.000 min  
Lab File: BN024313.D  
Acq: 16 Mar 2023 16:17

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 82    | Resp: | 6117  |
| Ion Ratio | Lower | Upper |       |
| 82        | 100   |       |       |
| 128       | 32.0  | 32.4  | 48.6# |
| 54        | 67.6  | 45.2  | 67.8  |





#9

Naphthalene

Concen: 0.388 ng

RT: 10.909 min Scan# 941

Delta R.T. -0.000 min

Lab File: BN024313.D

Acq: 16 Mar 2023 16:17

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4EC

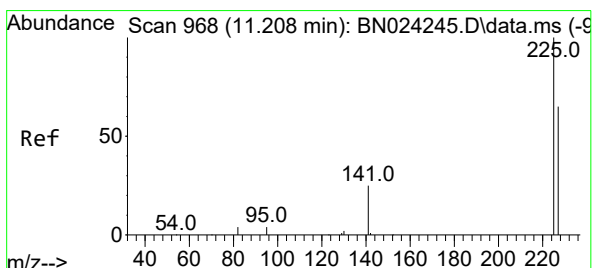
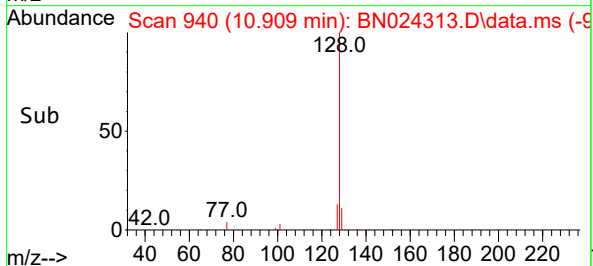
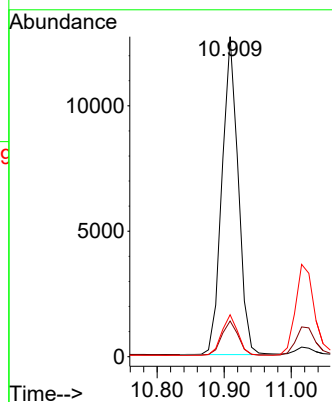
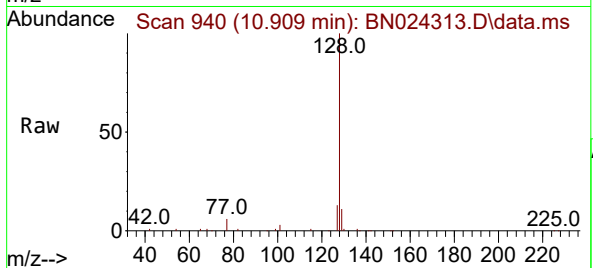
Tgt Ion:128 Resp: 21295

Ion Ratio Lower Upper

128 100

129 11.2 9.0 13.6

127 13.1 10.2 15.4



#10

Hexachlorobutadiene

Concen: 0.388 ng

RT: 11.197 min Scan# 967

Delta R.T. -0.000 min

Lab File: BN024313.D

Acq: 16 Mar 2023 16:17

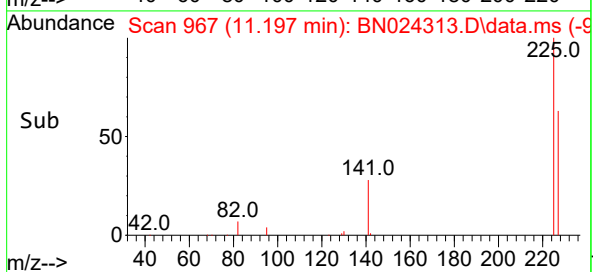
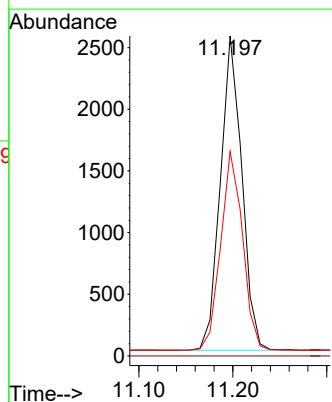
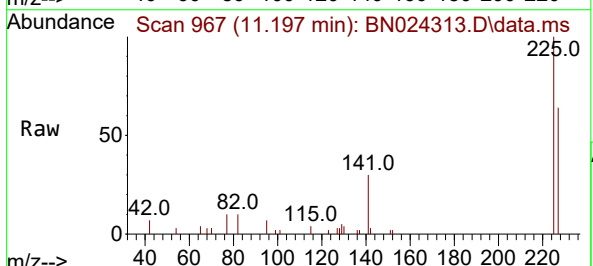
Tgt Ion:225 Resp: 4045

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

227 64.5 51.0 76.4

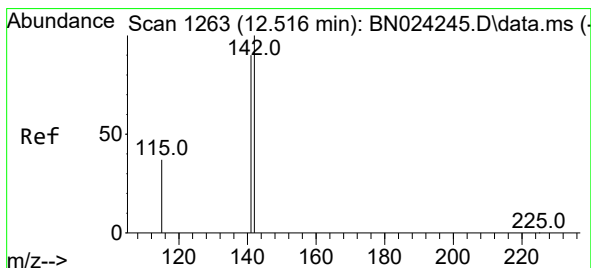
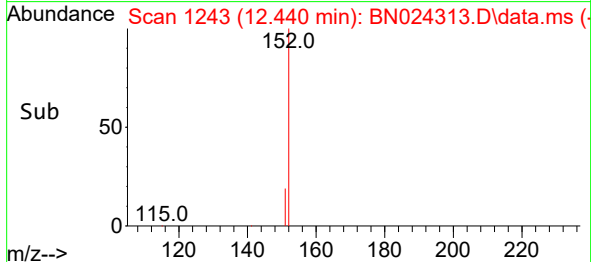
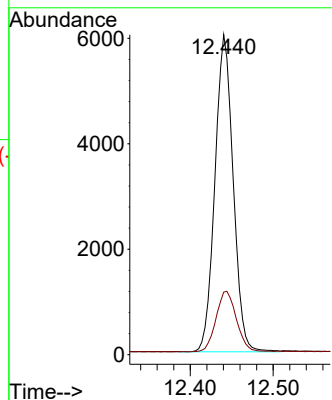
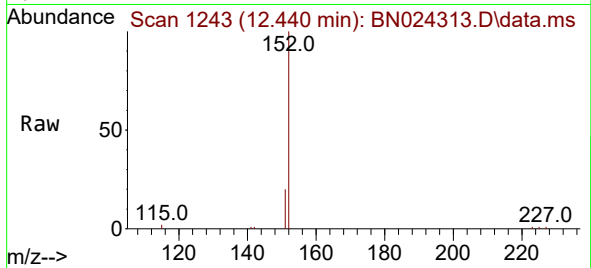




#11  
2-Methylnaphthalene-d10  
Concen: 0.347 ng  
RT: 12.440 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BN024313.D  
Acq: 16 Mar 2023 16:17

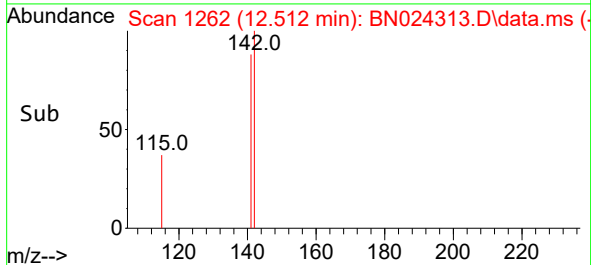
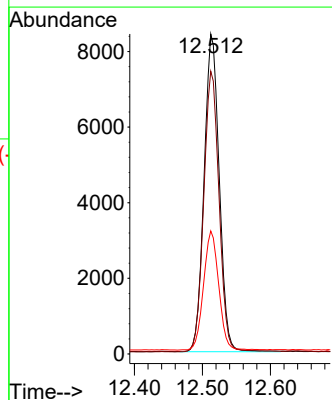
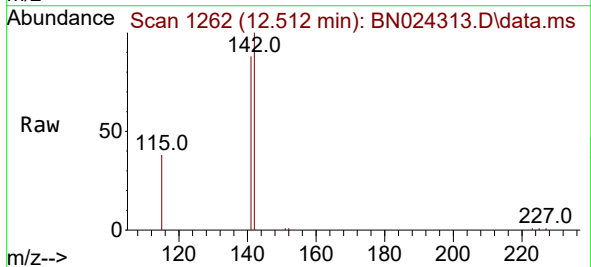
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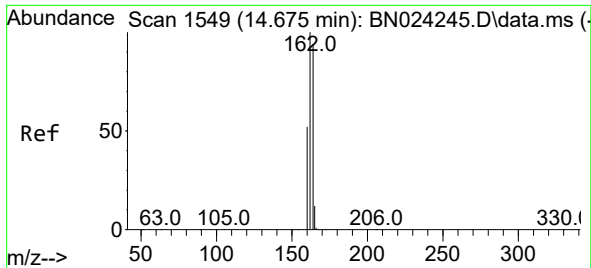
Tgt Ion:152 Resp: 9201  
Ion Ratio Lower Upper  
152 100  
151 21.4 16.8 25.2



#12  
2-Methylnaphthalene  
Concen: 0.353 ng  
RT: 12.512 min Scan# 1262  
Delta R.T. -0.000 min  
Lab File: BN024313.D  
Acq: 16 Mar 2023 16:17

Tgt Ion:142 Resp: 13083  
Ion Ratio Lower Upper  
142 100  
141 88.3 71.8 107.6  
115 38.4 30.0 45.0

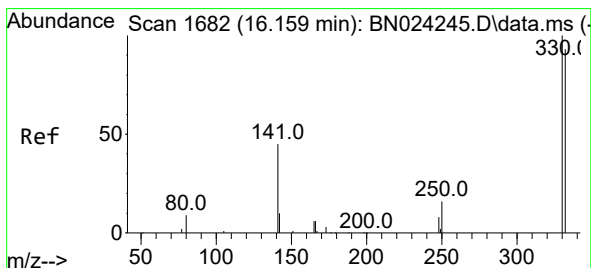
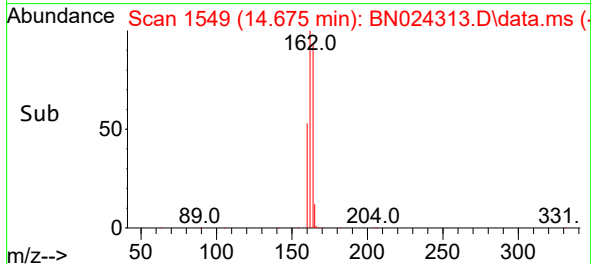
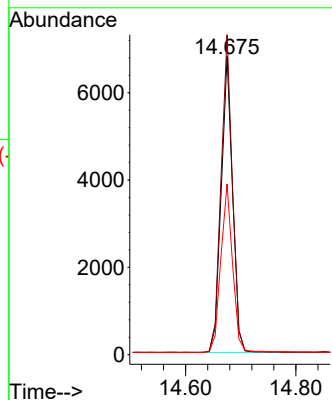
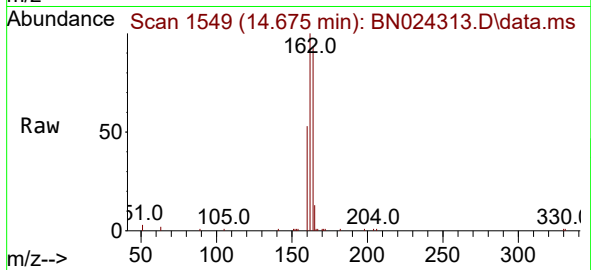




#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.675 min Scan# 1549  
Delta R.T. -0.000 min  
Lab File: BN024313.D  
Acq: 16 Mar 2023 16:17

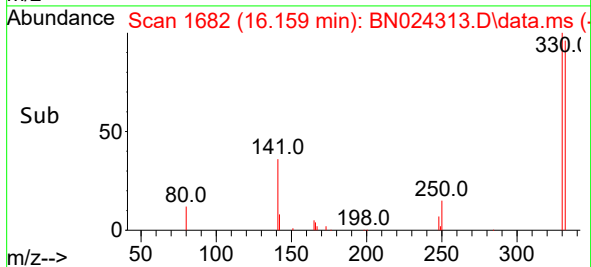
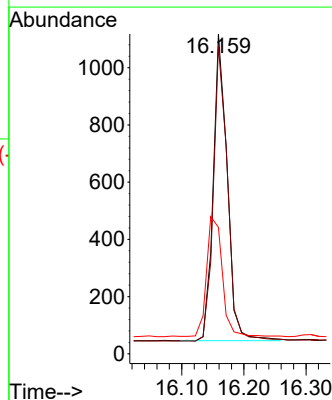
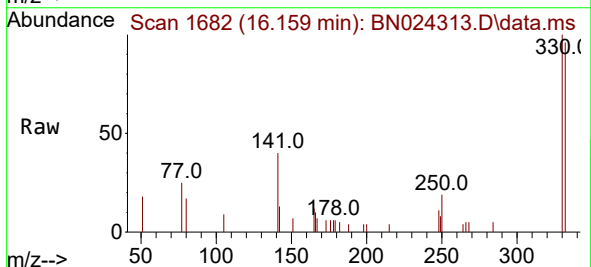
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

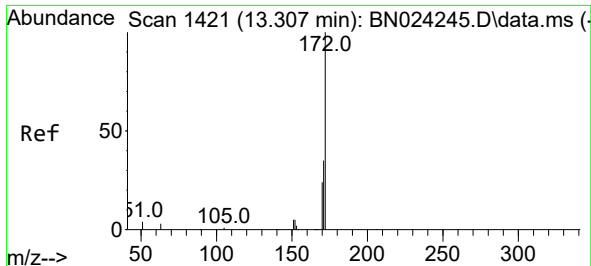
Tgt Ion:164 Resp: 9709  
Ion Ratio Lower Upper  
164 100  
162 107.3 84.7 127.1  
160 57.2 44.6 66.8



#14  
2,4,6-Tribromophenol  
Concen: 0.339 ng  
RT: 16.159 min Scan# 1682  
Delta R.T. -0.000 min  
Lab File: BN024313.D  
Acq: 16 Mar 2023 16:17

Tgt Ion:330 Resp: 1681  
Ion Ratio Lower Upper  
330 100  
332 96.8 78.0 117.0  
141 43.5 30.8 46.2

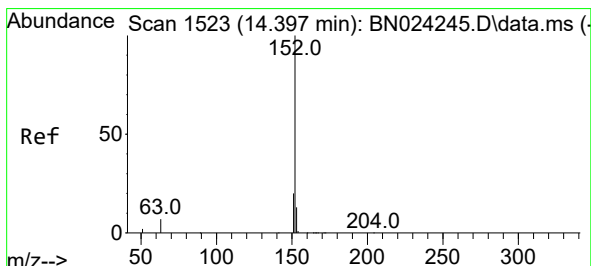
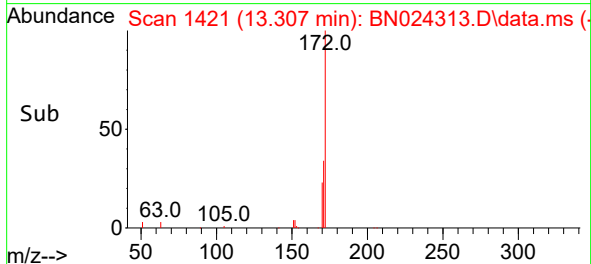
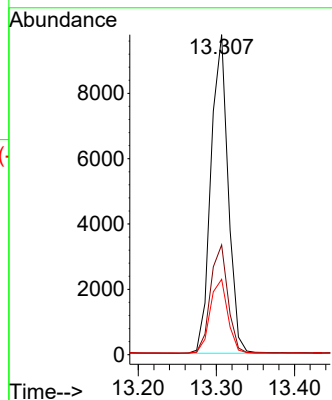
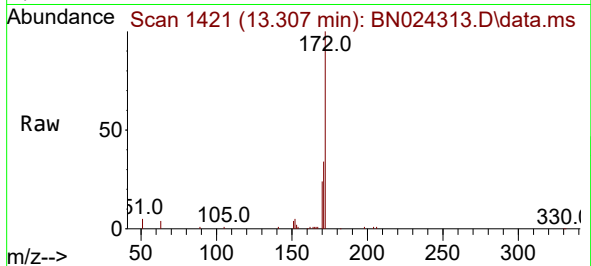




#15  
2-Fluorobiphenyl  
Concen: 0.406 ng  
RT: 13.307 min Scan# 1421  
Delta R.T. -0.000 min  
Lab File: BN024313.D  
Acq: 16 Mar 2023 16:17

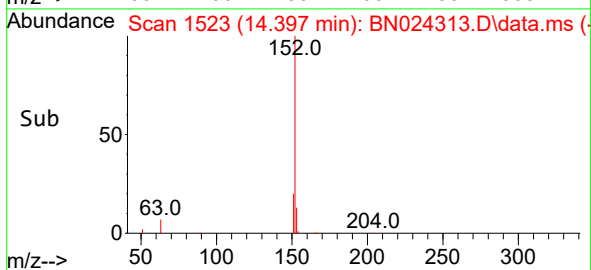
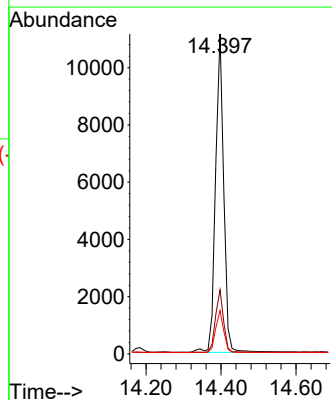
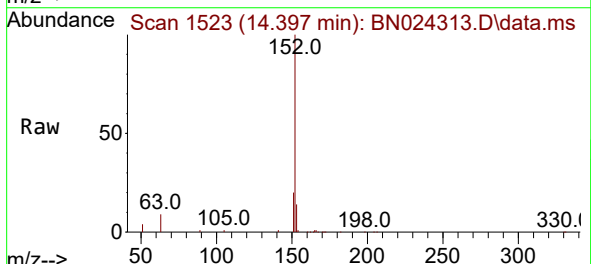
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 172   | Resp: | 14876 |
| Ion Ratio | Lower | Upper |       |
| 172       | 100   |       |       |
| 171       | 34.3  | 27.8  | 41.8  |
| 170       | 23.5  | 19.0  | 28.6  |



#16  
Acenaphthylene  
Concen: 0.368 ng  
RT: 14.397 min Scan# 1523  
Delta R.T. -0.000 min  
Lab File: BN024313.D  
Acq: 16 Mar 2023 16:17

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 152   | Resp: | 16921 |
| Ion Ratio | Lower | Upper |       |
| 152       | 100   |       |       |
| 151       | 19.3  | 15.4  | 23.0  |
| 153       | 13.1  | 10.4  | 15.6  |

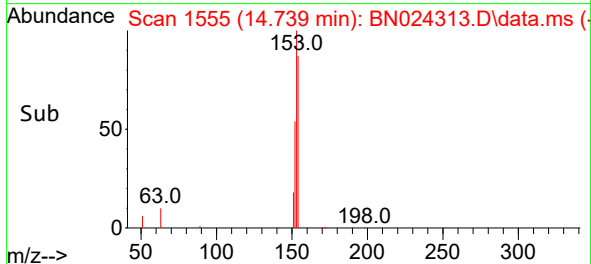
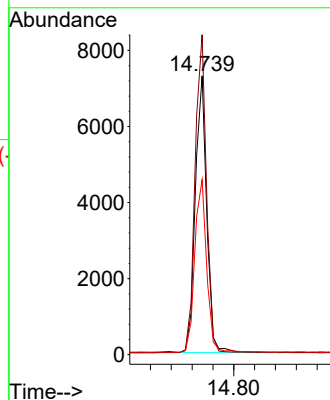
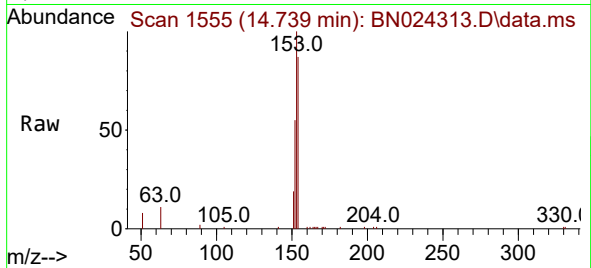




#17  
Acenaphthene  
Concen: 0.377 ng  
RT: 14.739 min Scan# 1555  
Delta R.T. -0.000 min  
Lab File: BN024313.D  
Acq: 16 Mar 2023 16:17

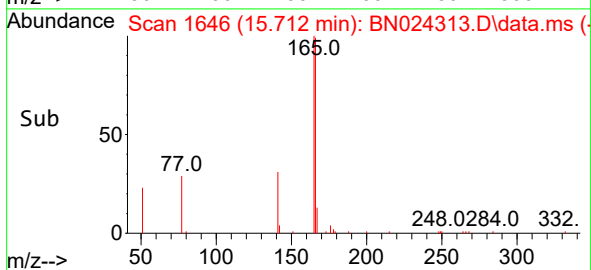
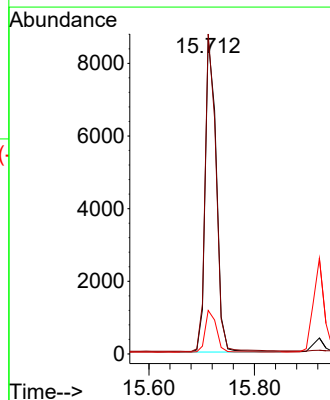
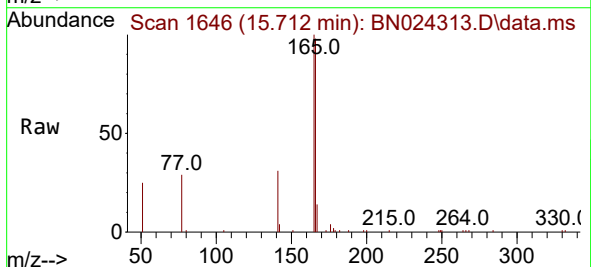
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

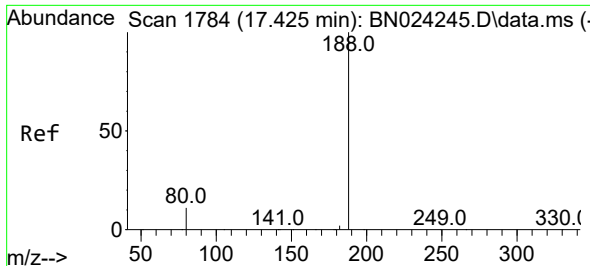
Tgt Ion:154 Resp: 11066  
Ion Ratio Lower Upper  
154 100  
153 114.9 88.4 132.6  
152 65.1 48.7 73.1



#18  
Fluorene  
Concen: 0.360 ng  
RT: 15.712 min Scan# 1646  
Delta R.T. -0.000 min  
Lab File: BN024313.D  
Acq: 16 Mar 2023 16:17

Tgt Ion:166 Resp: 12628  
Ion Ratio Lower Upper  
166 100  
165 100.6 80.2 120.2  
167 13.5 10.8 16.2

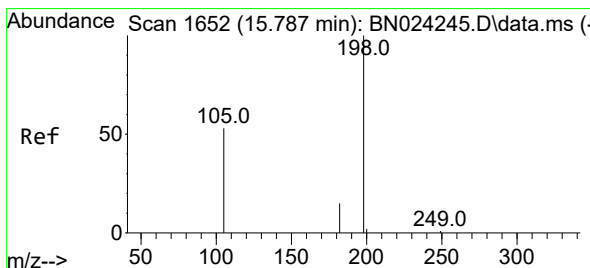
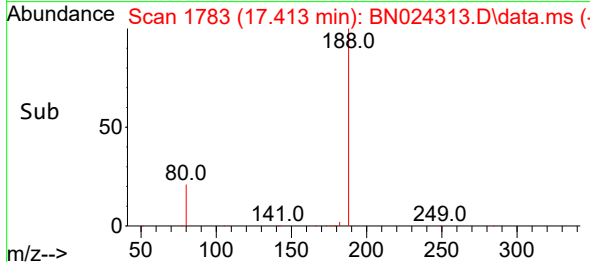
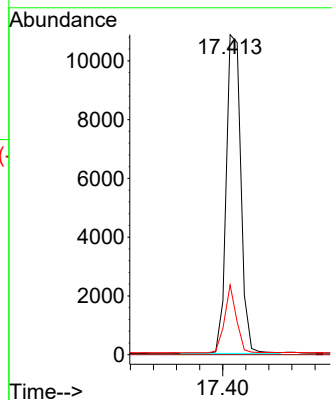
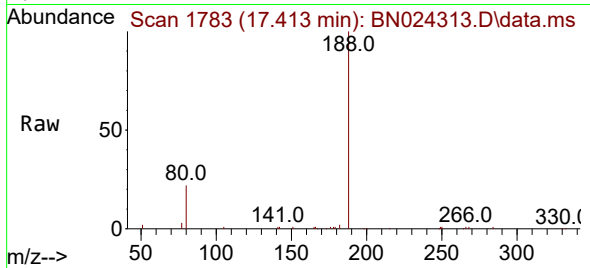




#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.413 min Scan# 1784  
Delta R.T. -0.000 min  
Lab File: BN024313.D  
Acq: 16 Mar 2023 16:17

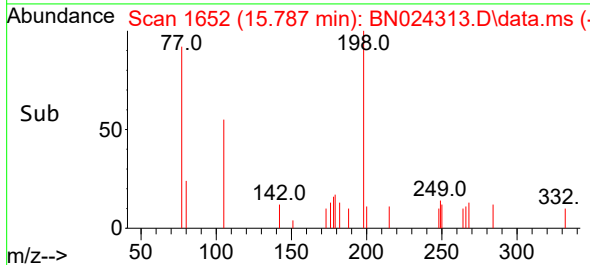
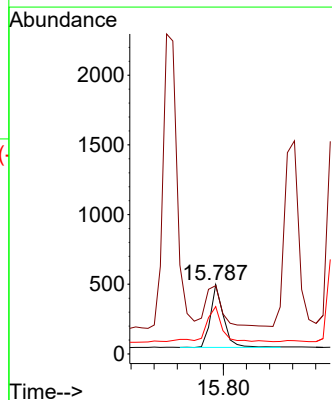
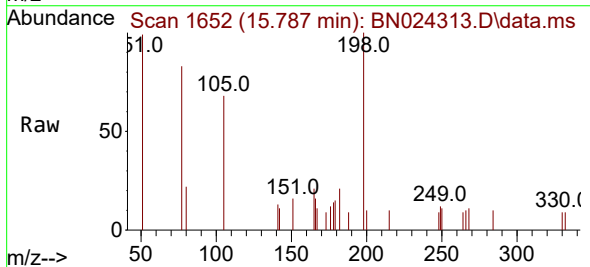
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

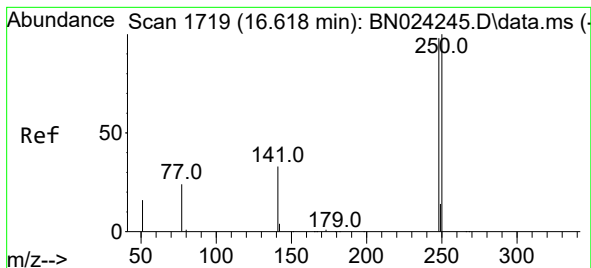
Tgt Ion:188 Resp: 19044  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 21.8 8.9 13.3#



#20  
4,6-Dinitro-2-methylphenol  
Concen: 0.376 ng  
RT: 15.787 min Scan# 1652  
Delta R.T. -0.000 min  
Lab File: BN024313.D  
Acq: 16 Mar 2023 16:17

Tgt Ion:198 Resp: 702  
Ion Ratio Lower Upper  
198 100  
51 98.6 68.2 102.2  
105 68.4 51.6 77.4

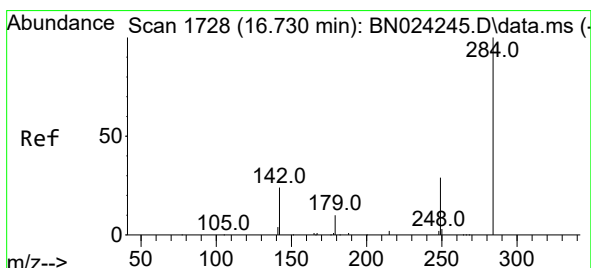
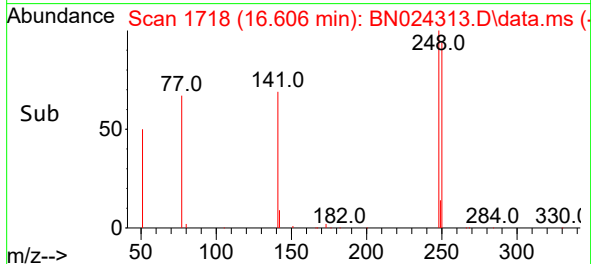
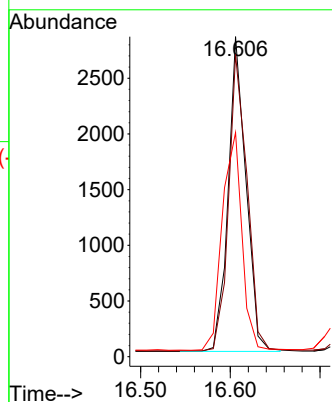
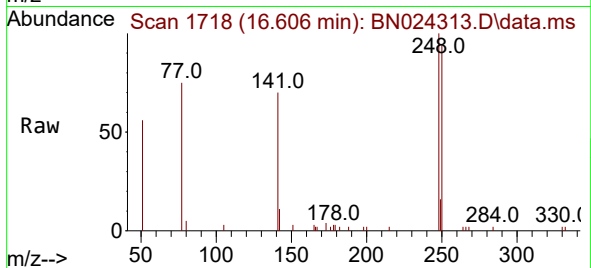




#21  
4-Bromophenyl-phenylether  
Concen: 0.344 ng  
RT: 16.606 min Scan# 1718  
Delta R.T. -0.000 min  
Lab File: BN024313.D  
Acq: 16 Mar 2023 16:17

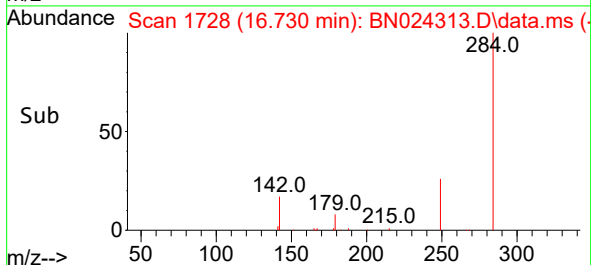
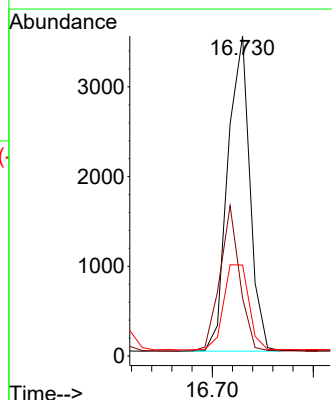
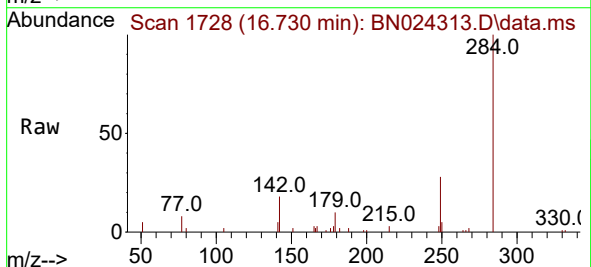
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

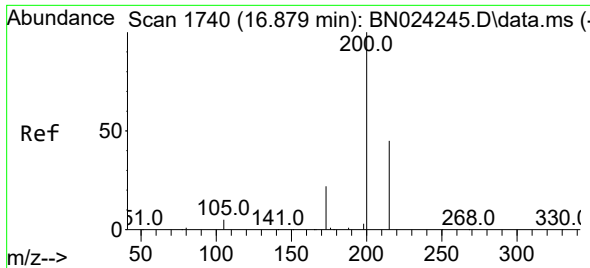
Tgt Ion:248 Resp: 3898  
Ion Ratio Lower Upper  
248 100  
250 94.4 81.9 122.9  
141 70.0 28.2 42.2#



#22  
Hexachlorobenzene  
Concen: 0.383 ng  
RT: 16.730 min Scan# 1728  
Delta R.T. -0.000 min  
Lab File: BN024313.D  
Acq: 16 Mar 2023 16:17

Tgt Ion:284 Resp: 5321  
Ion Ratio Lower Upper  
284 100  
142 41.7 30.2 45.4  
249 31.1 24.5 36.7

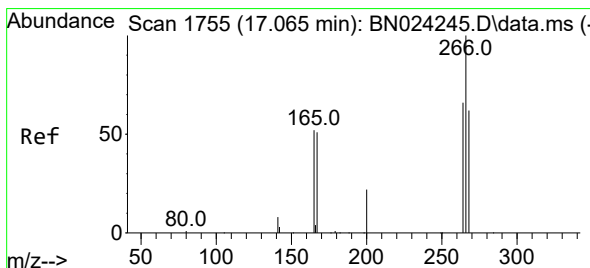
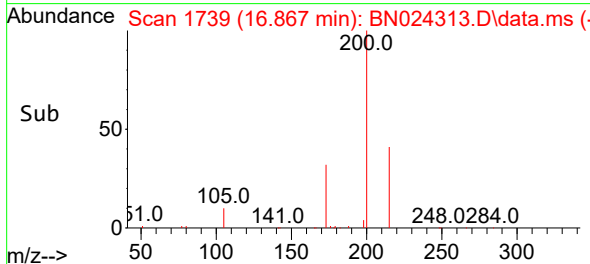
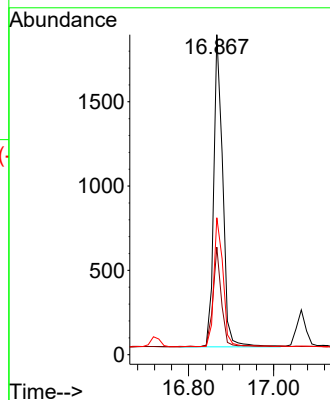
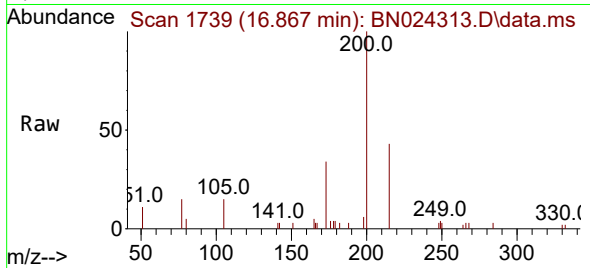




#23  
 Atrazine  
 Concen: 0.379 ng  
 RT: 16.867 min Scan# 1739  
 Delta R.T. -0.000 min  
 Lab File: BN024313.D  
 Acq: 16 Mar 2023 16:17

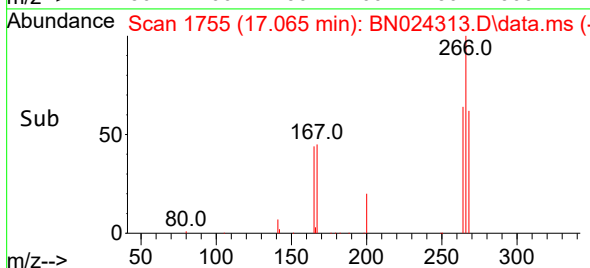
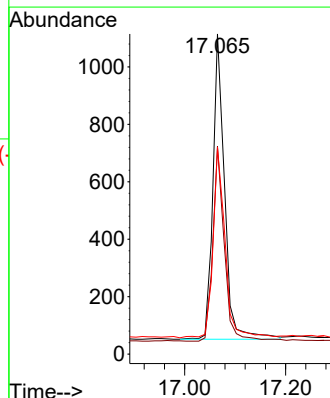
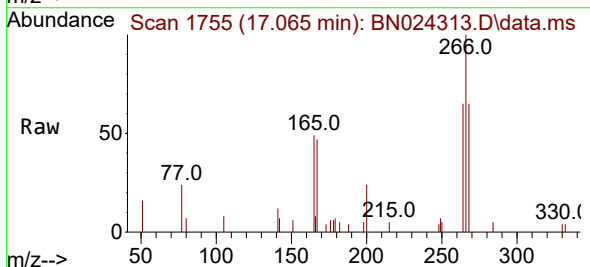
Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC0.4EC

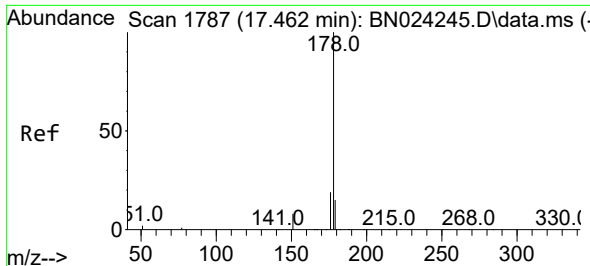
Tgt Ion:200 Resp: 2725  
 Ion Ratio Lower Upper  
 200 100  
 173 33.6 18.9 28.3#  
 215 42.8 36.7 55.1



#24  
 Pentachlorophenol  
 Concen: 0.330 ng  
 RT: 17.065 min Scan# 1755  
 Delta R.T. -0.000 min  
 Lab File: BN024313.D  
 Acq: 16 Mar 2023 16:17

Tgt Ion:266 Resp: 1705  
 Ion Ratio Lower Upper  
 266 100  
 264 63.3 51.1 76.7  
 268 64.4 52.2 78.4

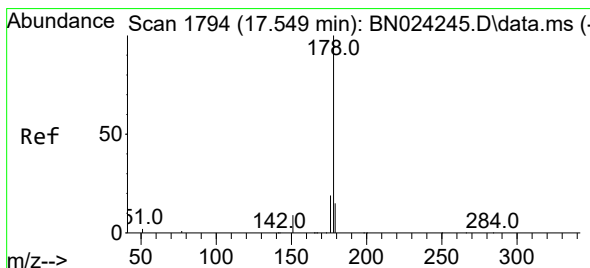
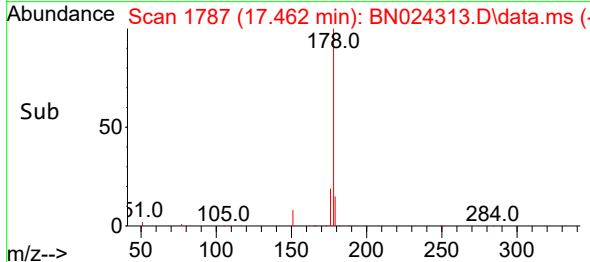
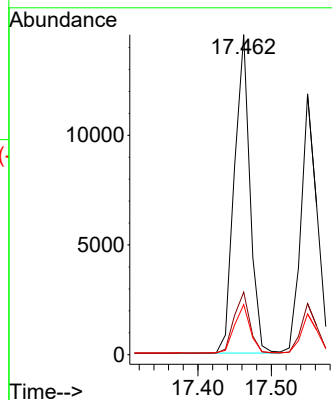
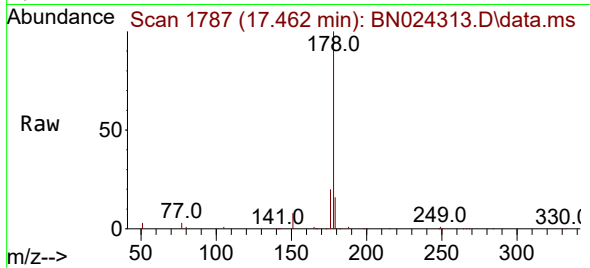




#25  
Phenanthrene  
Concen: 0.379 ng  
RT: 17.462 min Scan# 1787  
Delta R.T. -0.000 min  
Lab File: BN024313.D  
Acq: 16 Mar 2023 16:17

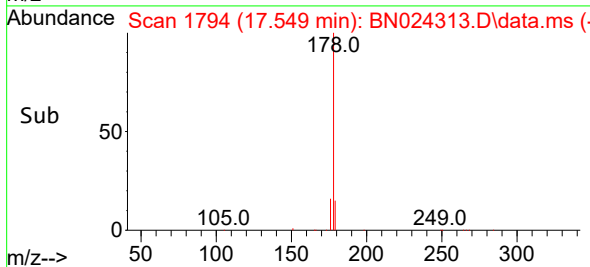
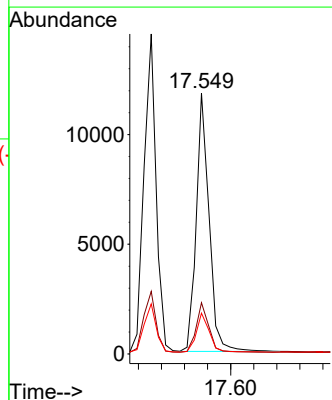
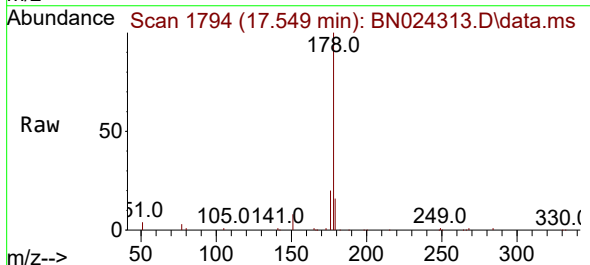
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

Tgt Ion:178 Resp: 21390  
Ion Ratio Lower Upper  
178 100  
176 19.4 15.4 23.0  
179 15.3 12.2 18.2



#26  
Anthracene  
Concen: 0.350 ng  
RT: 17.549 min Scan# 1794  
Delta R.T. -0.000 min  
Lab File: BN024313.D  
Acq: 16 Mar 2023 16:17

Tgt Ion:178 Resp: 18225  
Ion Ratio Lower Upper  
178 100  
176 19.0 15.1 22.7  
179 15.2 12.1 18.1

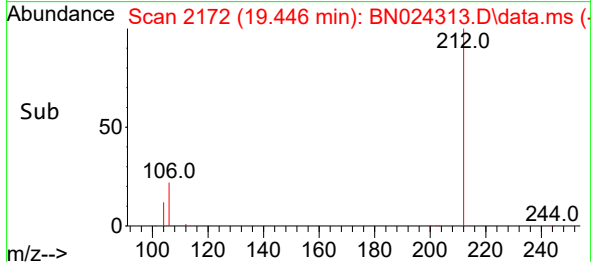
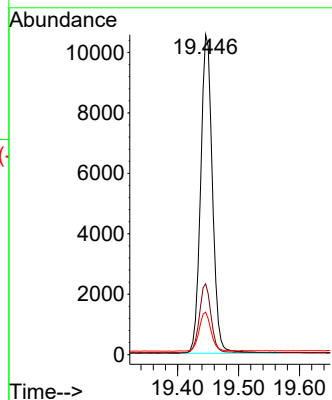
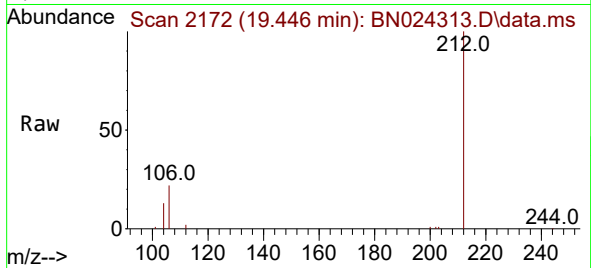




#27  
Fluoranthene-d10  
Concen: 0.352 ng  
RT: 19.446 min Scan# 2172  
Delta R.T. -0.000 min  
Lab File: BN024313.D  
Acq: 16 Mar 2023 16:17

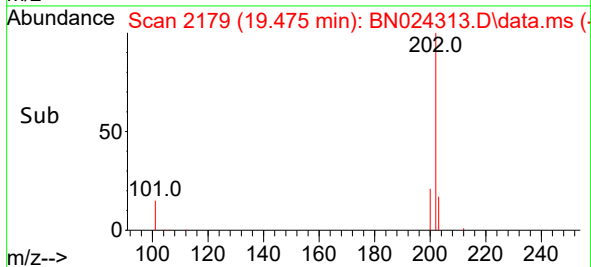
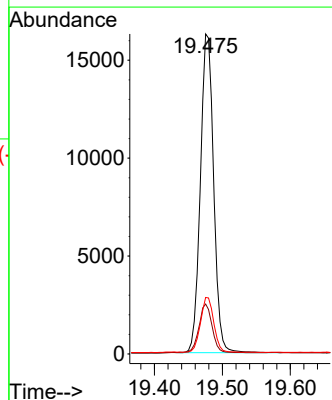
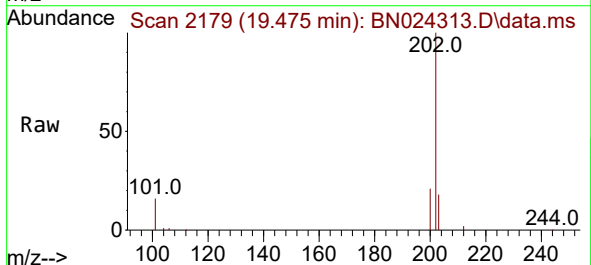
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

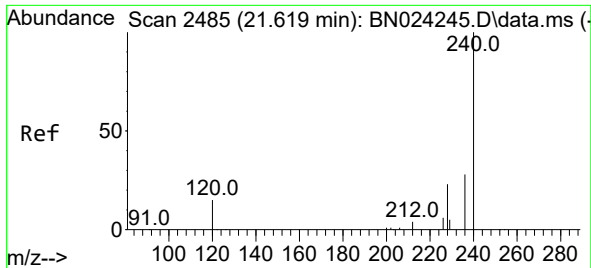
Tgt Ion:212 Resp: 14229  
Ion Ratio Lower Upper  
212 100  
106 21.3 15.4 23.2  
104 12.2 8.6 13.0



#28  
Fluoranthene  
Concen: 0.358 ng  
RT: 19.475 min Scan# 2179  
Delta R.T. -0.000 min  
Lab File: BN024313.D  
Acq: 16 Mar 2023 16:17

Tgt Ion:202 Resp: 22105  
Ion Ratio Lower Upper  
202 100  
101 15.4 11.3 16.9  
203 17.2 13.6 20.4

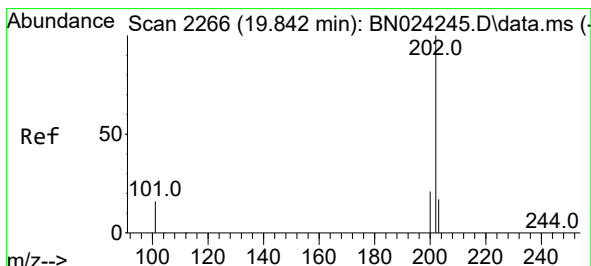
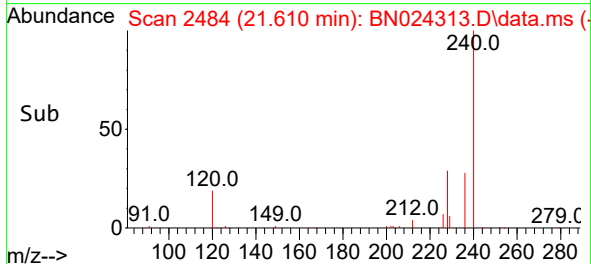
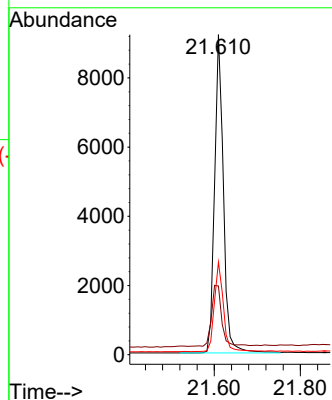
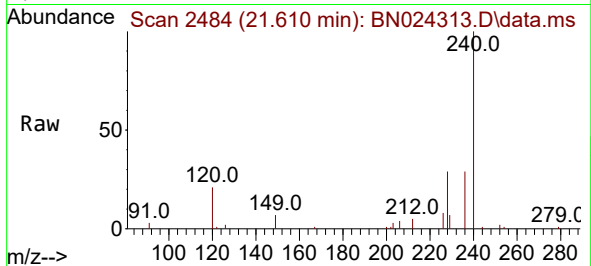




#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.610 min Scan# 2484  
Delta R.T. 0.009 min  
Lab File: BN024313.D  
Acq: 16 Mar 2023 16:17

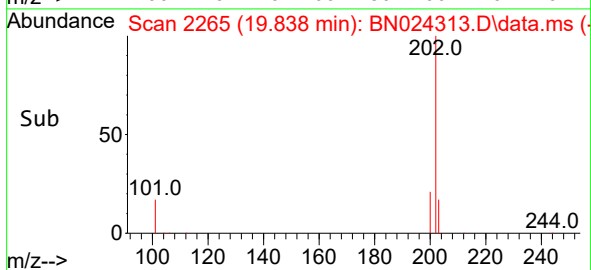
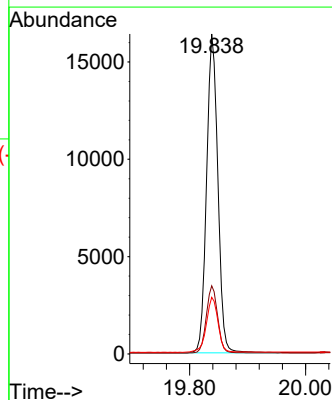
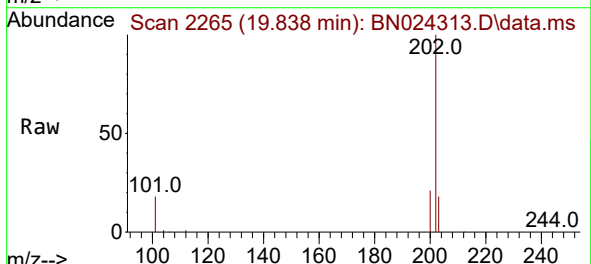
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

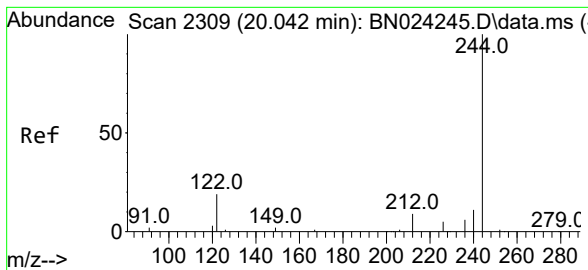
Tgt Ion:240 Resp: 13110  
Ion Ratio Lower Upper  
240 100  
120 21.5 12.8 19.2#  
236 29.0 22.5 33.7



#30  
Pyrene  
Concen: 0.417 ng  
RT: 19.838 min Scan# 2265  
Delta R.T. -0.000 min  
Lab File: BN024313.D  
Acq: 16 Mar 2023 16:17

Tgt Ion:202 Resp: 22131  
Ion Ratio Lower Upper  
202 100  
200 21.2 17.0 25.4  
203 17.9 14.2 21.2

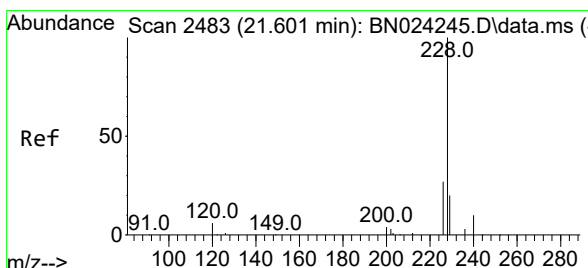
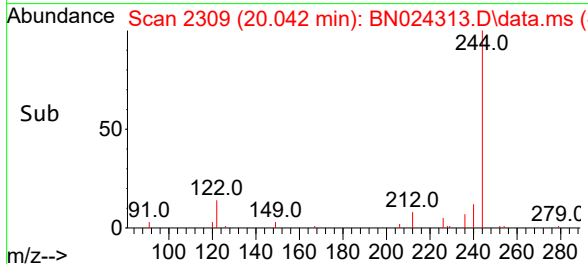
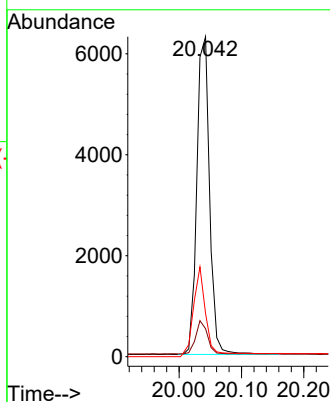
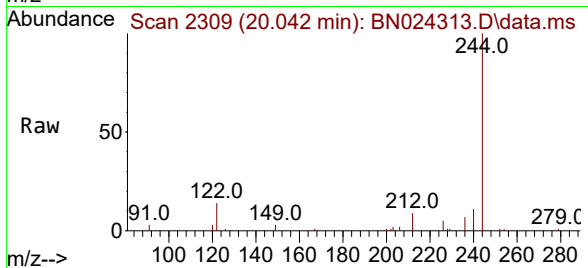




#31  
 Terphenyl-d14  
 Concen: 0.381 ng  
 RT: 20.042 min Scan# 21  
 Delta R.T. 0.009 min  
 Lab File: BN024313.D  
 Acq: 16 Mar 2023 16:17

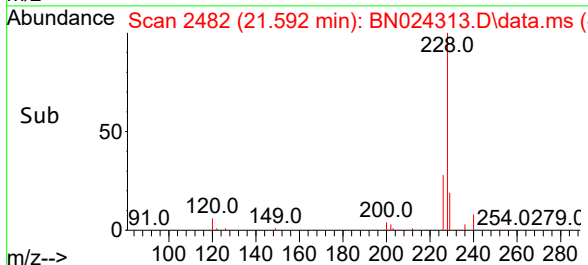
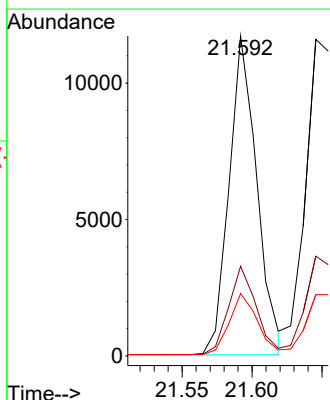
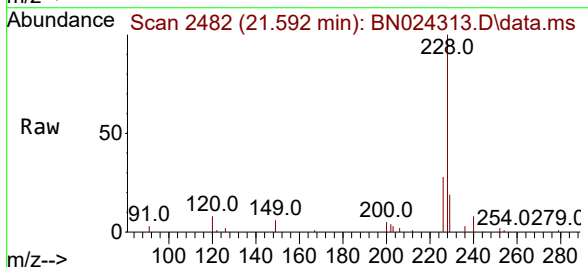
Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC0.4EC

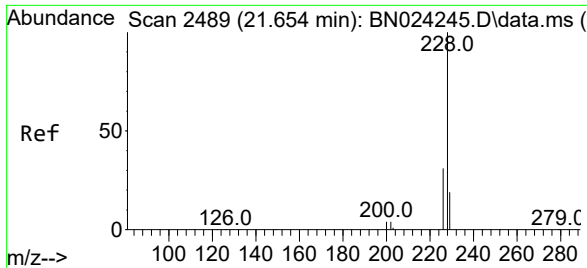
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 244   | Resp: | 8414  |
| Ion Ratio | Lower | Upper |       |
| 244       | 100   |       |       |
| 212       | 8.7   | 7.6   | 11.4  |
| 122       | 13.5  | 15.1  | 22.7# |



#32  
 Benzo(a)anthracene  
 Concen: 0.368 ng  
 RT: 21.592 min Scan# 2482  
 Delta R.T. 0.009 min  
 Lab File: BN024313.D  
 Acq: 16 Mar 2023 16:17

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 228   | Resp: | 16100 |
| Ion Ratio | Lower | Upper |       |
| 228       | 100   |       |       |
| 226       | 28.1  | 22.2  | 33.2  |
| 229       | 19.5  | 15.9  | 23.9  |





#33

Chrysene

Concen: 0.403 ng

RT: 21.645 min Scan# 2489

Delta R.T. -0.000 min

Lab File: BN024313.D

Acq: 16 Mar 2023 16:17

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4EC

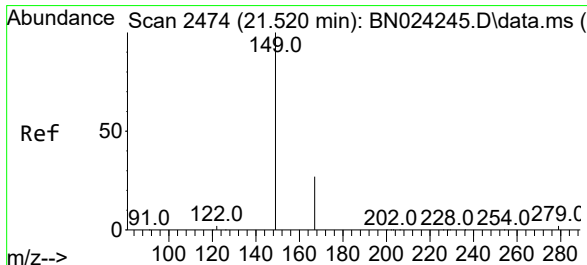
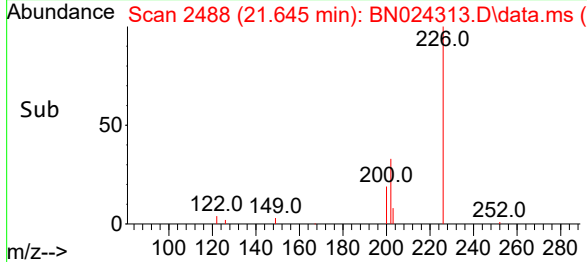
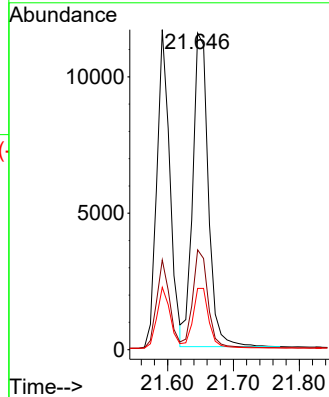
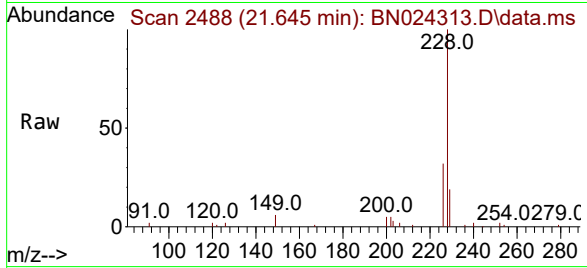
Tgt Ion:228 Resp: 18845

Ion Ratio Lower Upper

228 100

226 31.5 24.5 36.7

229 19.4 15.5 23.3



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.408 ng

RT: 21.511 min Scan# 2473

Delta R.T. 0.009 min

Lab File: BN024313.D

Acq: 16 Mar 2023 16:17

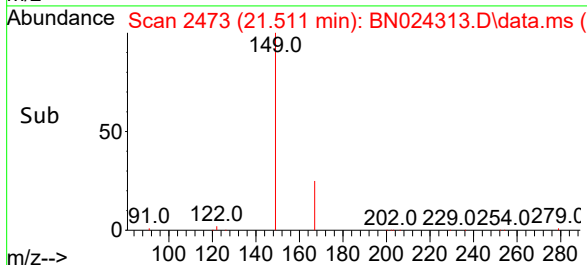
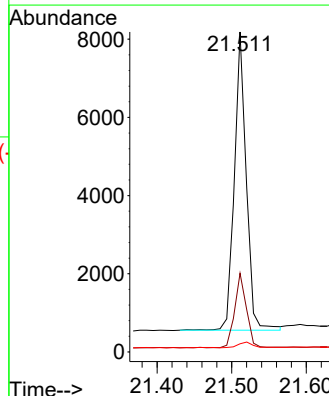
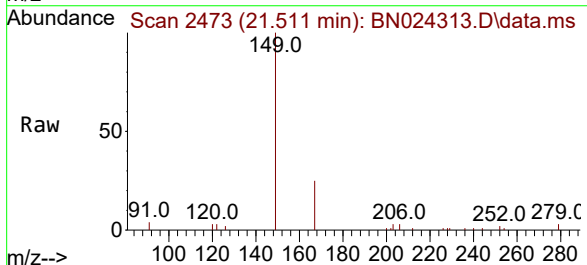
Tgt Ion:149 Resp: 8413

Ion Ratio Lower Upper

149 100

167 24.7 21.2 31.8

279 2.6 1.8 2.8





#35

Perylene-d12

Concen: 0.400 ng

RT: 24.120 min Scan# 3159

Delta R.T. 0.006 min

Lab File: BN024313.D

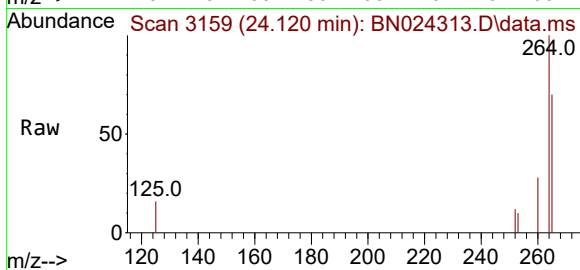
Acq: 16 Mar 2023 16:17

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4EC



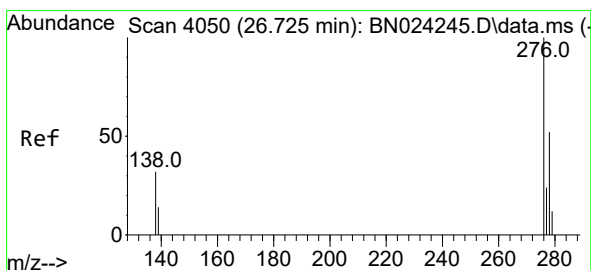
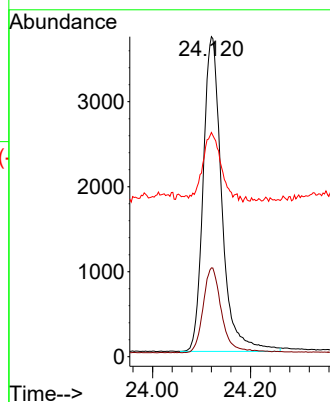
Tgt Ion:264 Resp: 9751

Ion Ratio Lower Upper

264 100

260 27.7 21.4 32.2

265 70.0 35.7 53.5#



#36

Indeno(1,2,3-cd)pyrene

Concen: 0.364 ng

RT: 26.746 min Scan# 4057

Delta R.T. 0.006 min

Lab File: BN024313.D

Acq: 16 Mar 2023 16:17

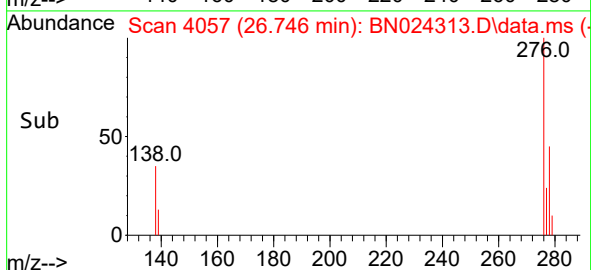
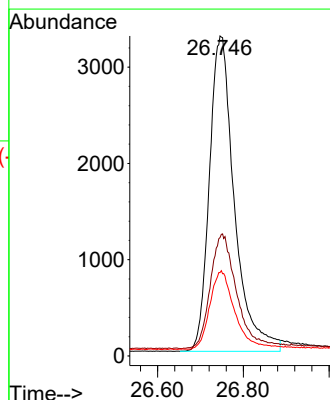
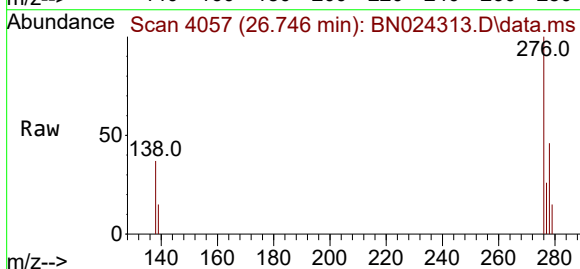
Tgt Ion:276 Resp: 13289

Ion Ratio Lower Upper

276 100

138 38.3 27.4 41.2

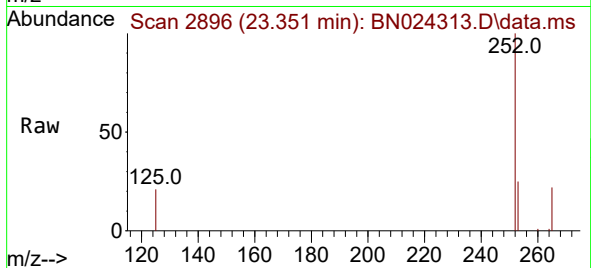
277 24.7 19.8 29.6



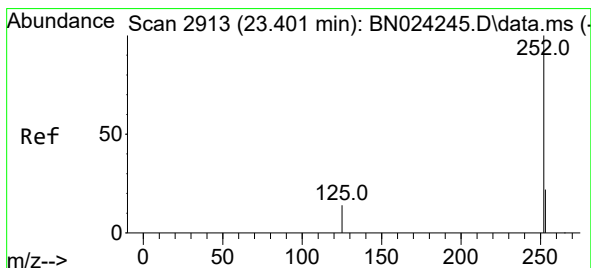
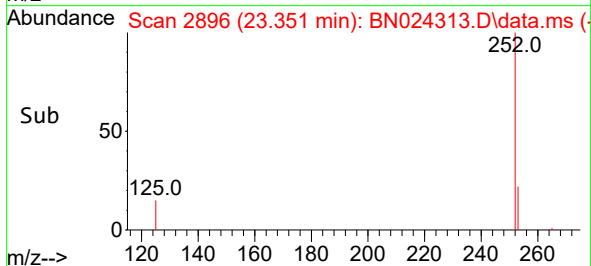
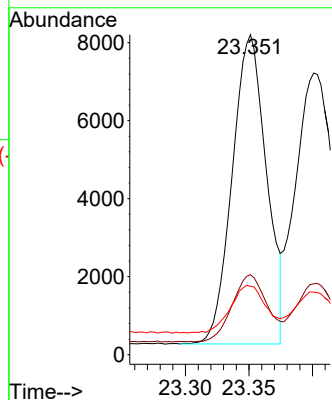


#37  
Benzo(b)fluoranthene  
Concen: 0.392 ng  
RT: 23.351 min Scan# 2896  
Delta R.T. 0.009 min  
Lab File: BN024313.D  
Acq: 16 Mar 2023 16:17

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

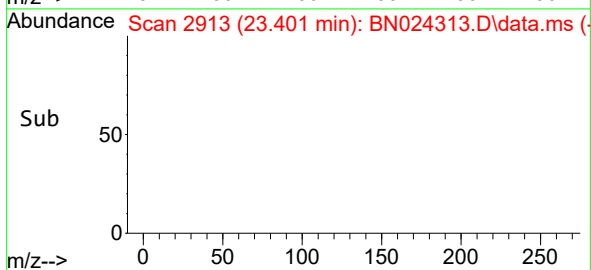
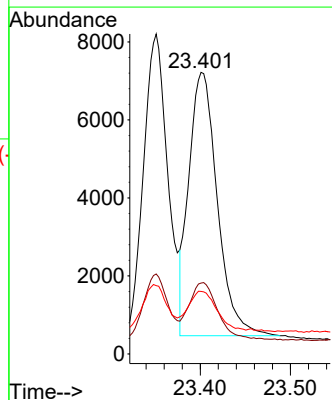
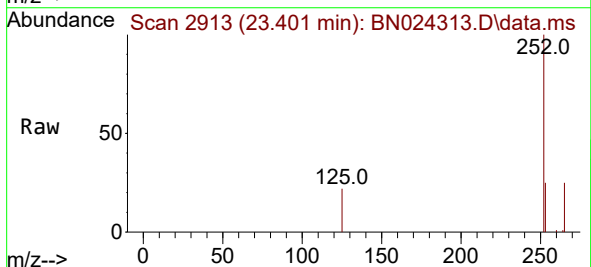


Tgt Ion:252 Resp: 14874  
Ion Ratio Lower Upper  
252 100  
253 25.0 18.9 28.3  
125 21.4 13.8 20.6#



#38  
Benzo(k)fluoranthene  
Concen: 0.378 ng  
RT: 23.401 min Scan# 2913  
Delta R.T. 0.006 min  
Lab File: BN024313.D  
Acq: 16 Mar 2023 16:17

Tgt Ion:252 Resp: 14787  
Ion Ratio Lower Upper  
252 100  
253 25.2 19.0 28.6  
125 22.2 13.5 20.3#





#39

Benzo(a)pyrene

Concen: 0.369 ng

RT: 24.006 min Scan# 3119

Delta R.T. 0.009 min

Lab File: BN024313.D

Acq: 16 Mar 2023 16:17

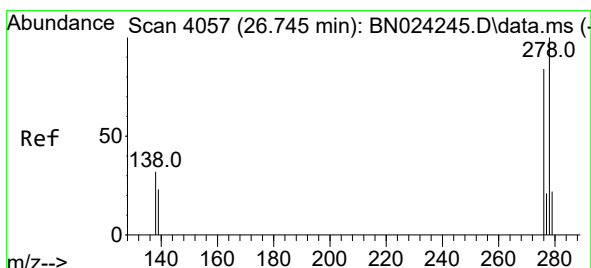
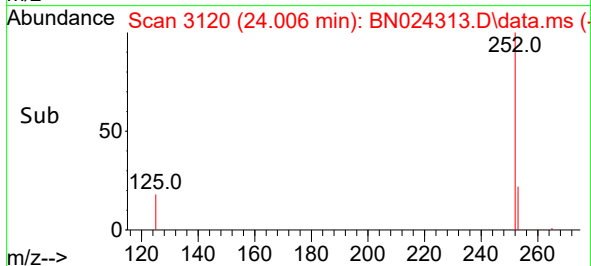
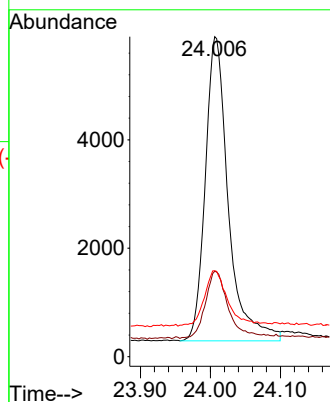
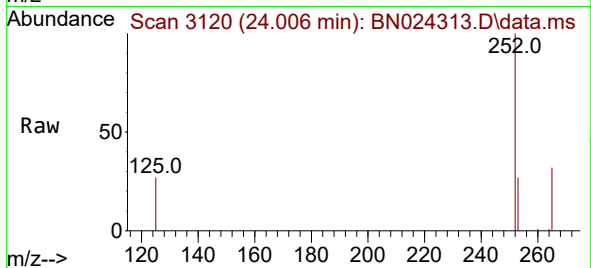
Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4EC

|             |       |            |
|-------------|-------|------------|
| Tgt Ion:252 | Resp: | 12840      |
| Ion Ratio   | Lower | Upper      |
| 252         | 100   |            |
| 253         | 26.7  | 19.5 29.3  |
| 125         | 26.8  | 16.2 24.4# |



#40

Dibenzo(a,h)anthracene

Concen: 0.346 ng

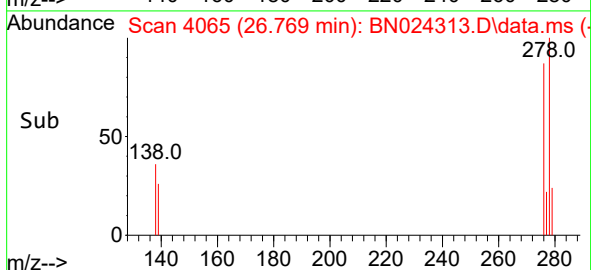
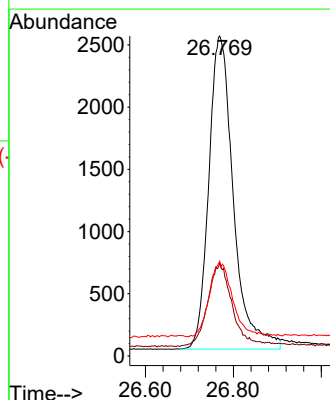
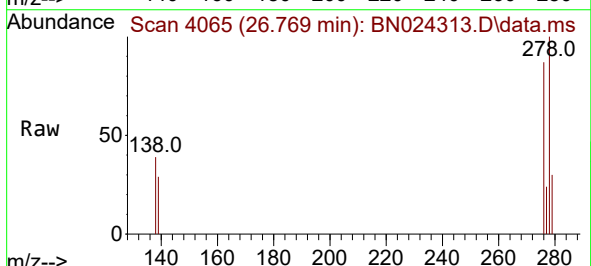
RT: 26.769 min Scan# 4065

Delta R.T. 0.009 min

Lab File: BN024313.D

Acq: 16 Mar 2023 16:17

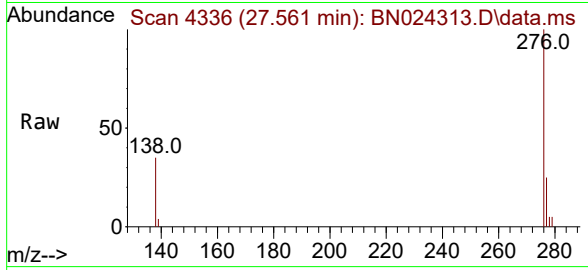
|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:278 | Resp: | 9788      |
| Ion Ratio   | Lower | Upper     |
| 278         | 100   |           |
| 139         | 29.0  | 19.4 29.0 |
| 279         | 29.6  | 20.7 31.1 |





#41  
 Benzo(g,h,i)perylene  
 Concen: 0.389 ng  
 RT: 27.561 min Scan# 41  
 Delta R.T. 0.006 min  
 Lab File: BN024313.D  
 Acq: 16 Mar 2023 16:17

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC0.4EC



|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 276   | Resp: | 12857 |
| Ion Ratio | Lower | Upper |       |
| 276       | 100   |       |       |
| 277       | 24.8  | 19.9  | 29.9  |
| 138       | 34.8  | 24.5  | 36.7  |

