

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN050623\  
 Data File : BN025304.D  
 Acq On : 06 May 2023 07:36  
 Operator : CG/JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC0.4

Quant Time: May 08 04:18:32 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN050623.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon May 08 04:14:26 2023  
 Response via : Initial Calibration

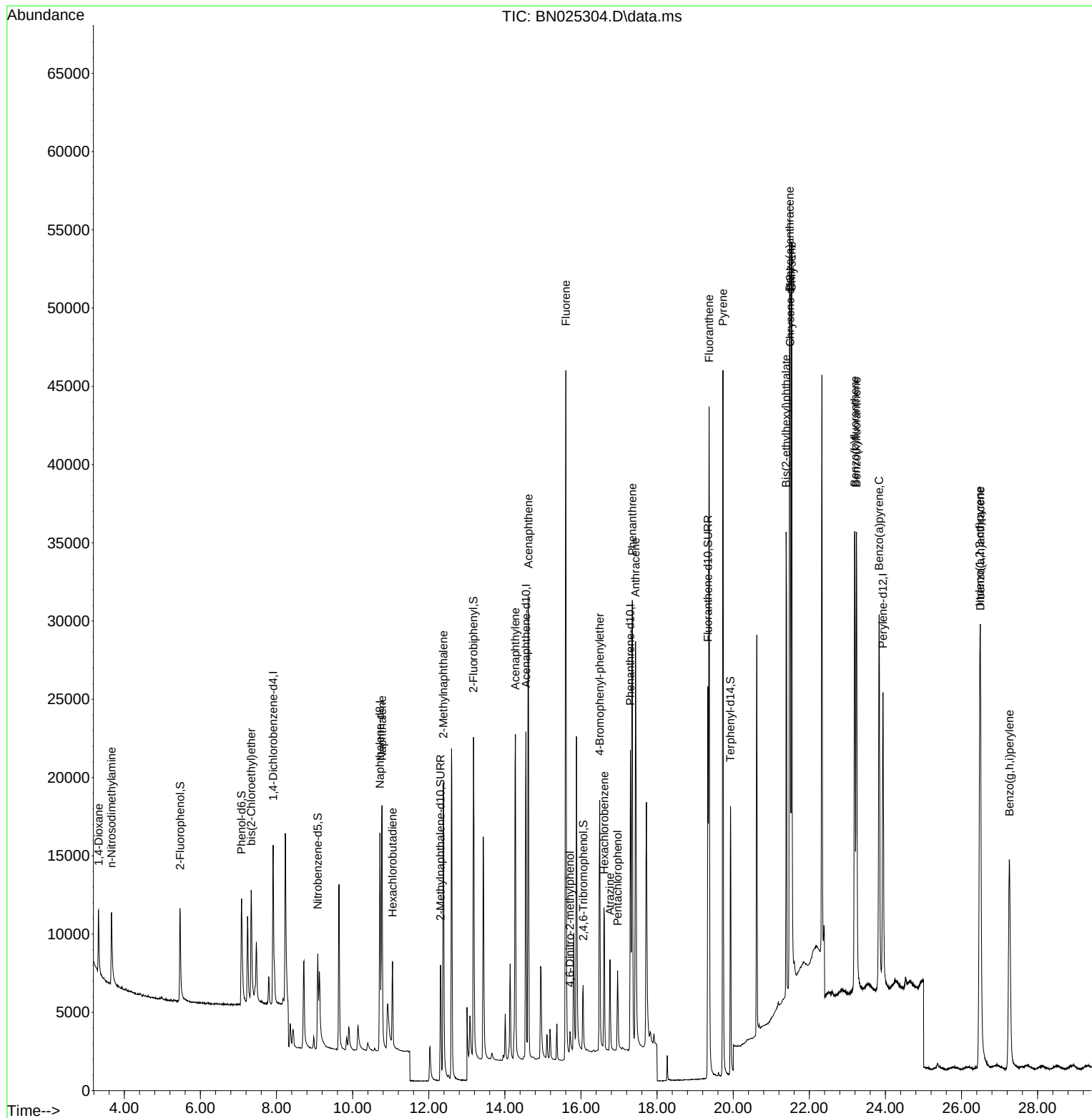
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min)   |
|-------------------------------|--------|------|----------|-------|-------|------------|
| Internal Standards            |        |      |          |       |       |            |
| 1) 1,4-Dichlorobenzene-d4     | 7.911  | 152  | 5825     | 0.400 | ng    | 0.00       |
| 7) Naphthalene-d8             | 10.718 | 136  | 19221    | 0.400 | ng    | 0.00       |
| 13) Acenaphthene-d10          | 14.555 | 164  | 12471    | 0.400 | ng    | 0.00       |
| 19) Phenanthrene-d10          | 17.298 | 188  | 27819    | 0.400 | ng    | # 0.00     |
| 29) Chrysene-d12              | 21.500 | 240  | 25816    | 0.400 | ng    | 0.00       |
| 35) Perylene-d12              | 23.936 | 264  | 26246    | 0.400 | ng    | 0.00       |
| System Monitoring Compounds   |        |      |          |       |       |            |
| 4) 2-Fluorophenol             | 5.470  | 112  | 6180     | 0.436 | ng    | 0.00       |
| 5) Phenol-d6                  | 7.080  | 99   | 8246     | 0.463 | ng    | 0.00       |
| 8) Nitrobenzene-d5            | 9.084  | 82   | 6628     | 0.419 | ng    | 0.00       |
| 11) 2-Methylnaphthalene-d10   | 12.309 | 152  | 12467    | 0.475 | ng    | 0.00       |
| 14) 2,4,6-Tribromophenol      | 16.057 | 330  | 2902     | 0.455 | ng    | 0.00       |
| 15) 2-Fluorobiphenyl          | 13.176 | 172  | 19899    | 0.465 | ng    | 0.00       |
| 27) Fluoranthene-d10          | 19.338 | 212  | 30050    | 0.437 | ng    | 0.00       |
| 31) Terphenyl-d14             | 19.928 | 244  | 24768    | 0.476 | ng    | 0.00       |
| Target Compounds              |        |      |          |       |       |            |
| 2) 1,4-Dioxane                | 3.325  | 88   | 2683     | 0.439 | ng    | Qvalue 100 |
| 3) n-Nitrosodimethylamine     | 3.664  | 42   | 4222     | 0.452 | ng    | # 97       |
| 6) bis(2-Chloroethyl)ether    | 7.333  | 93   | 6625     | 0.422 | ng    | 98         |
| 9) Naphthalene                | 10.771 | 128  | 22967    | 0.466 | ng    | 99         |
| 10) Hexachlorobutadiene       | 11.049 | 225  | 4440     | 0.476 | ng    | # 98       |
| 12) 2-Methylnaphthalene       | 12.385 | 142  | 16441    | 0.472 | ng    | 99         |
| 16) Acenaphthylene            | 14.277 | 152  | 25626    | 0.459 | ng    | 99         |
| 17) Acenaphthene              | 14.619 | 154  | 16151    | 0.465 | ng    | 99         |
| 18) Fluorene                  | 15.603 | 166  | 21702    | 0.456 | ng    | 99         |
| 20) 4,6-Dinitro-2-methylph... | 15.710 | 198  | 1029     | 0.450 | ng    | # 65       |
| 21) 4-Bromophenyl-phenylether | 16.492 | 248  | 6959     | 0.448 | ng    | # 90       |
| 22) Hexachlorobenzene         | 16.616 | 284  | 8053     | 0.481 | ng    | 99         |
| 23) Atrazine                  | 16.765 | 200  | 5308     | 0.391 | ng    | # 94       |
| 24) Pentachlorophenol         | 16.963 | 266  | 2850     | 0.706 | ng    | 91         |
| 25) Phenanthrene              | 17.348 | 178  | 34336    | 0.446 | ng    | 99         |
| 26) Anthracene                | 17.435 | 178  | 31645    | 0.439 | ng    | 100        |
| 28) Fluoranthene              | 19.367 | 202  | 41417    | 0.431 | ng    | 99         |
| 30) Pyrene                    | 19.730 | 202  | 43581    | 0.494 | ng    | 100        |
| 32) Benzo(a)anthracene        | 21.482 | 228  | 40131    | 0.460 | ng    | 99         |
| 33) Chrysene                  | 21.535 | 228  | 42189    | 0.486 | ng    | 99         |
| 34) Bis(2-ethylhexyl)phtha... | 21.392 | 149  | 27894    | 0.407 | ng    | 99         |
| 36) Indeno(1,2,3-cd)pyrene    | 26.480 | 276  | 38578    | 0.367 | ng    | 99         |
| 37) Benzo(b)fluoranthene      | 23.194 | 252  | 40276    | 0.484 | ng    | 98         |
| 38) Benzo(k)fluoranthene      | 23.240 | 252  | 41029    | 0.471 | ng    | 99         |
| 39) Benzo(a)pyrene            | 23.834 | 252  | 39203    | 0.460 | ng    | 98         |
| 40) Dibenzo(a,h)anthracene    | 26.497 | 278  | 31044    | 0.374 | ng    | 99         |
| 41) Benzo(g,h,i)perylene      | 27.257 | 276  | 31770    | 0.348 | ng    | 100        |

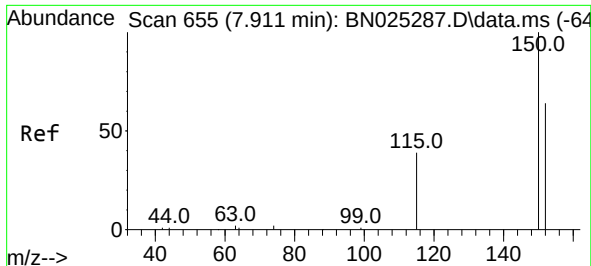
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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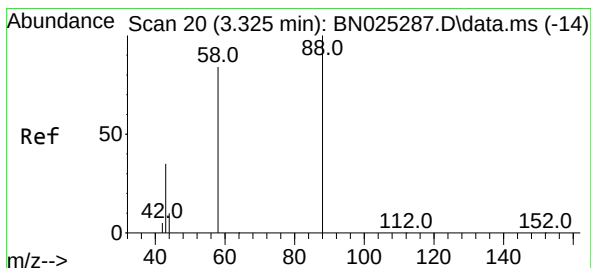
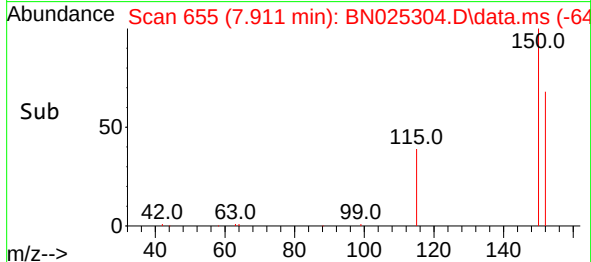
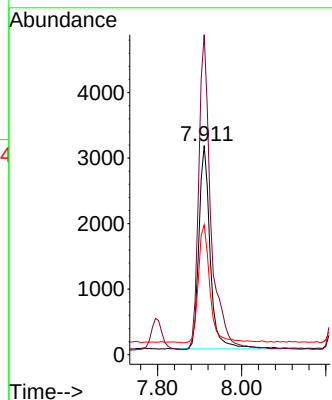
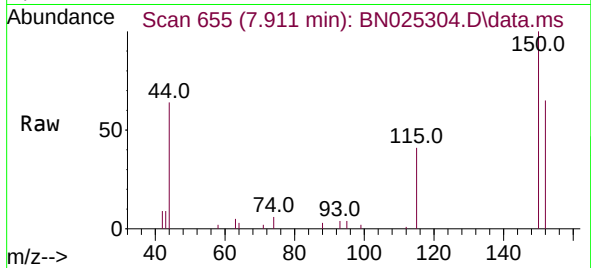




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 7.911 min Scan# 61  
 Delta R.T. -0.000 min  
 Lab File: BN025304.D  
 Acq: 06 May 2023 07:36

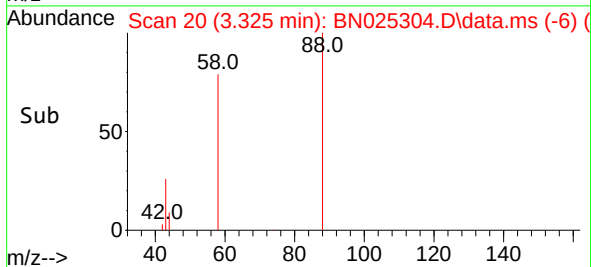
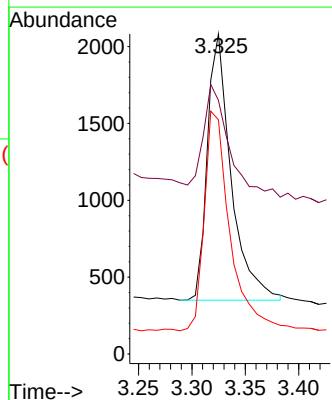
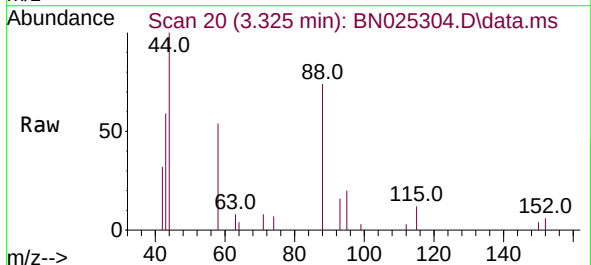
Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC0.4

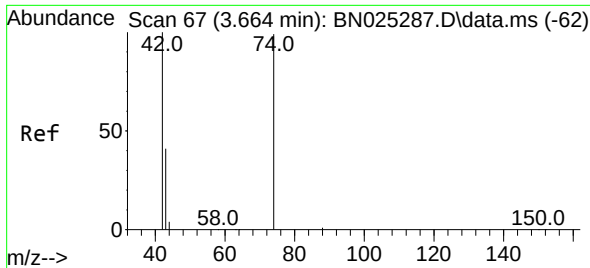
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 Ion Ratio Lower Upper  
 152 100  
 150 153.1 123.8 185.8  
 115 62.0 52.9 79.3



#2  
 1,4-Dioxane  
 Concen: 0.439 ng  
 RT: 3.325 min Scan# 20  
 Delta R.T. 0.000 min  
 Lab File: BN025304.D  
 Acq: 06 May 2023 07:36

Tgt Ion: 88 Resp: 2683  
 Ion Ratio Lower Upper  
 88 100  
 43 46.5 37.2 55.8  
 58 88.8 71.5 107.3

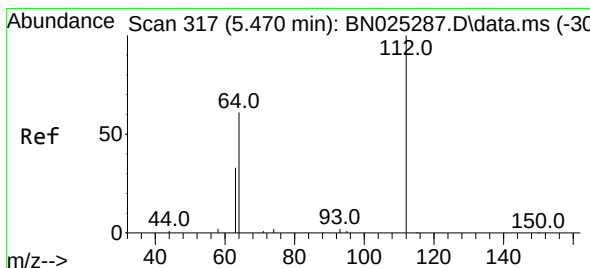
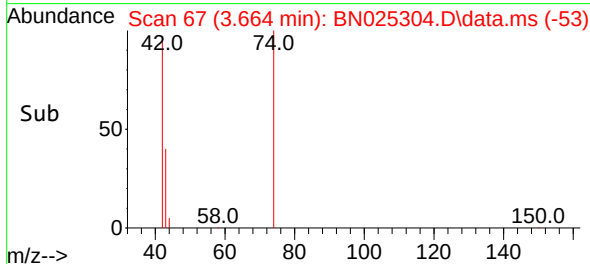
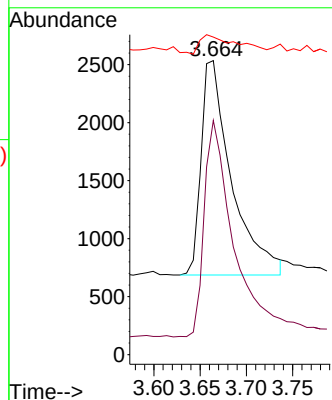
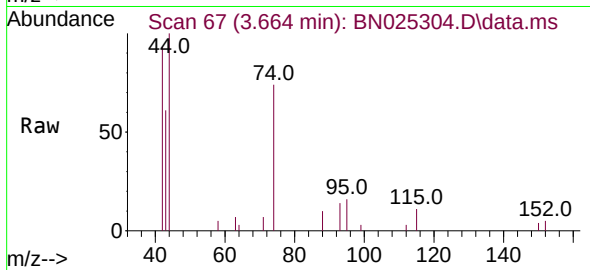




#3  
n-Nitrosodimethylamine  
Concen: 0.452 ng  
RT: 3.664 min Scan# 61  
Delta R.T. 0.000 min  
Lab File: BN025304.D  
Acq: 06 May 2023 07:36

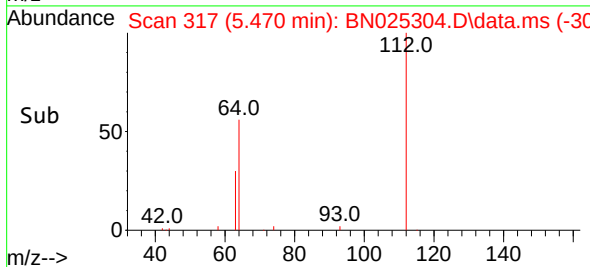
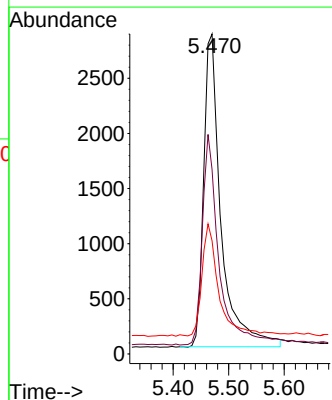
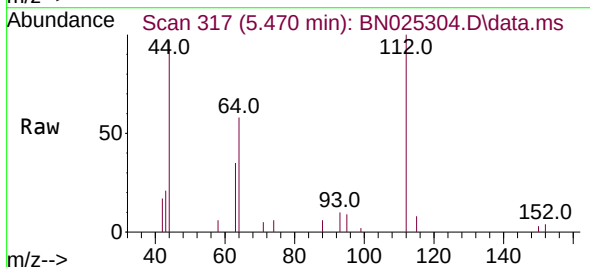
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

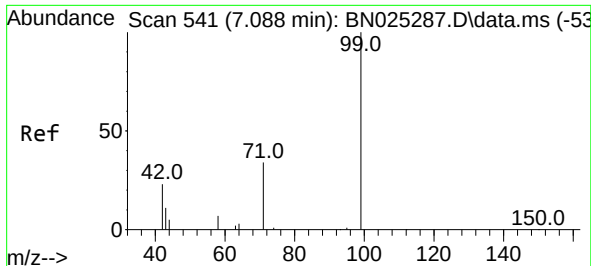
Tgt Ion: 42 Resp: 4222  
Ion Ratio Lower Upper  
42 100  
74 97.4 79.9 119.9  
44 11.4 7.0 10.6#



#4  
2-Fluorophenol  
Concen: 0.436 ng  
RT: 5.470 min Scan# 317  
Delta R.T. 0.000 min  
Lab File: BN025304.D  
Acq: 06 May 2023 07:36

Tgt Ion: 112 Resp: 6180  
Ion Ratio Lower Upper  
112 100  
64 64.9 51.5 77.3  
63 35.4 27.8 41.6

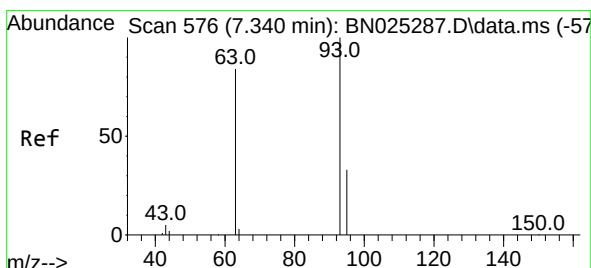
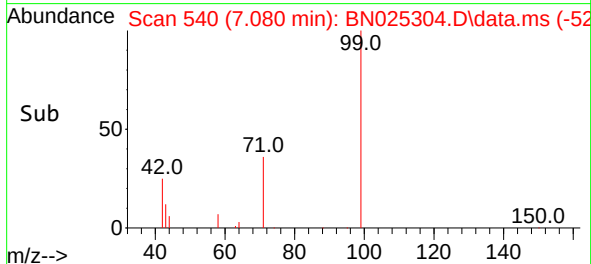
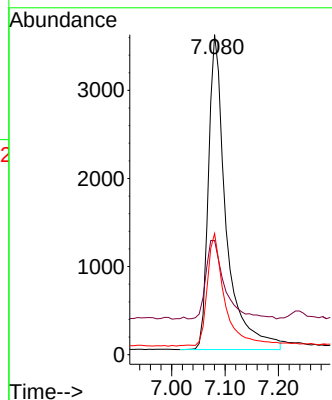
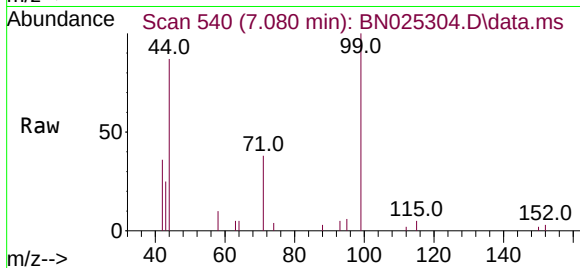




#5  
Phenol-d6  
Concen: 0.463 ng  
RT: 7.080 min Scan# 541  
Delta R.T. 0.000 min  
Lab File: BN025304.D  
Acq: 06 May 2023 07:36

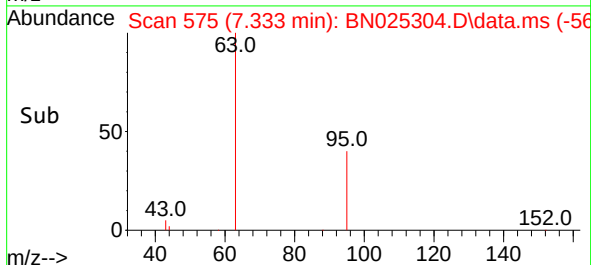
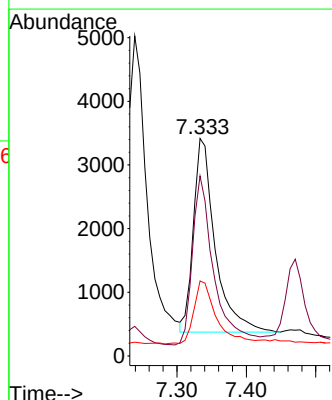
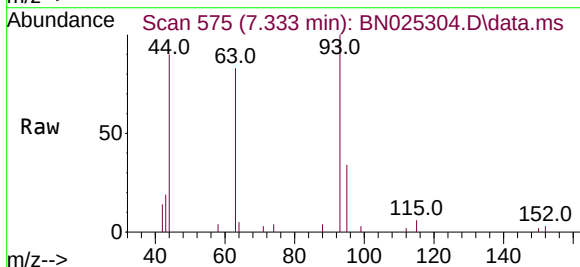
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BNA\_N  
ClientSampleId :  
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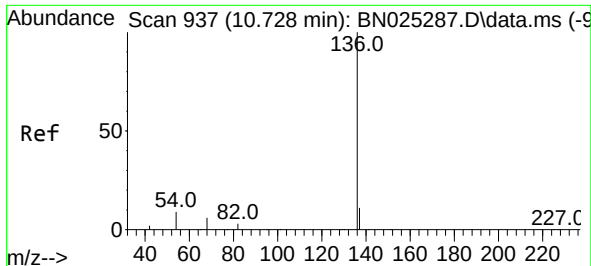
Tgt Ion: 99 Resp: 8246  
Ion Ratio Lower Upper  
99 100  
42 26.3 22.0 33.0  
71 35.5 28.7 43.1



#6  
bis(2-Chloroethyl)ether  
Concen: 0.422 ng  
RT: 7.333 min Scan# 575  
Delta R.T. 0.000 min  
Lab File: BN025304.D  
Acq: 06 May 2023 07:36

Tgt Ion: 93 Resp: 6625  
Ion Ratio Lower Upper  
93 100  
63 86.3 67.8 101.6  
95 34.0 26.7 40.1

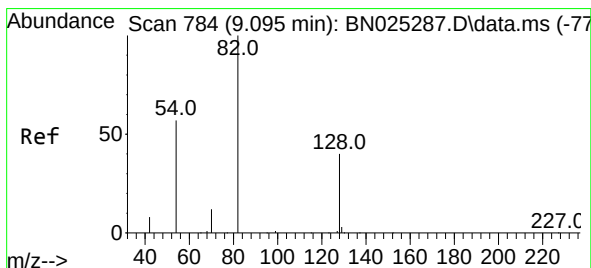
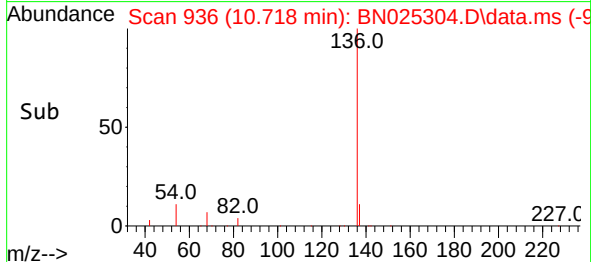
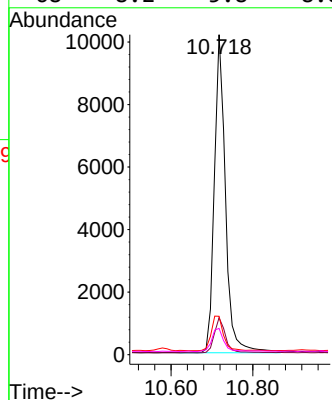
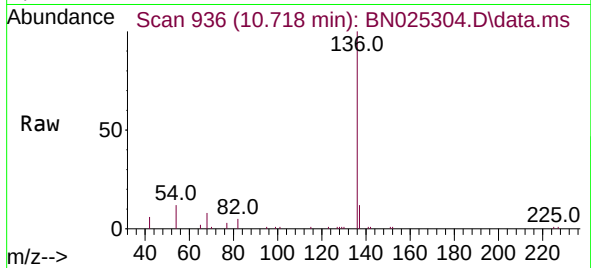




#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.718 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: BN025304.D  
Acq: 06 May 2023 07:36

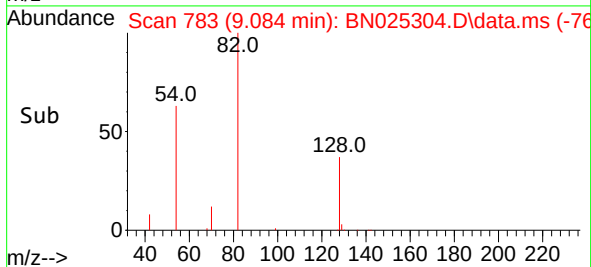
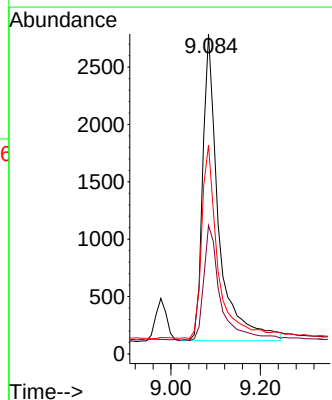
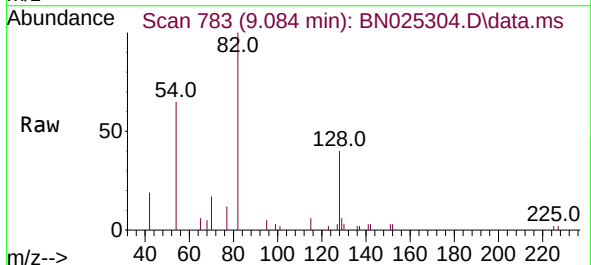
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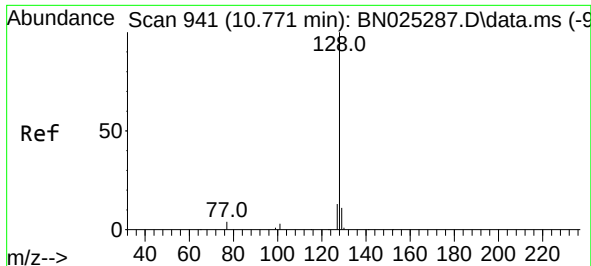
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|-----------|-------|-------|-------|
| Tgt Ion:  | 136   | Resp: | 19221 |
| Ion Ratio | Lower | Upper |       |
| 136       | 100   |       |       |
| 137       | 11.6  | 9.4   | 14.2  |
| 54        | 12.0  | 8.5   | 12.7  |
| 68        | 8.2   | 5.8   | 8.8   |



#8  
Nitrobenzene-d5  
Concen: 0.419 ng  
RT: 9.084 min Scan# 783  
Delta R.T. 0.000 min  
Lab File: BN025304.D  
Acq: 06 May 2023 07:36

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 82    | Resp: | 6628 |
| Ion Ratio | Lower | Upper |      |
| 82        | 100   |       |      |
| 128       | 40.2  | 35.3  | 52.9 |
| 54        | 65.3  | 48.7  | 73.1 |

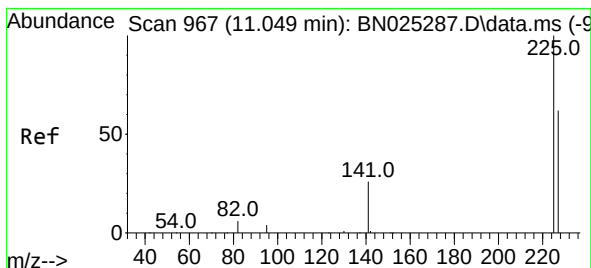
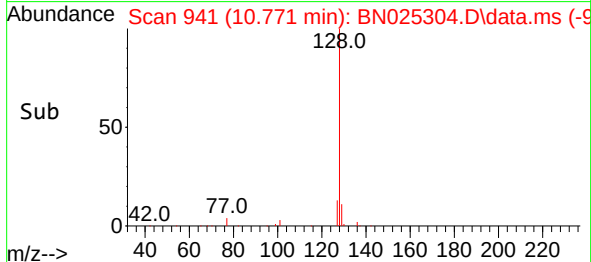
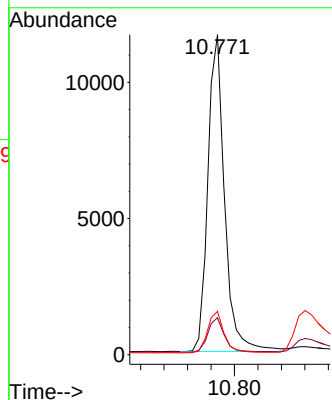
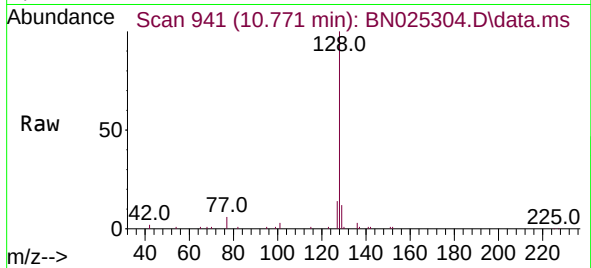




#9  
Naphthalene  
Concen: 0.466 ng  
RT: 10.771 min Scan# 941  
Delta R.T. 0.000 min  
Lab File: BN025304.D  
Acq: 06 May 2023 07:36

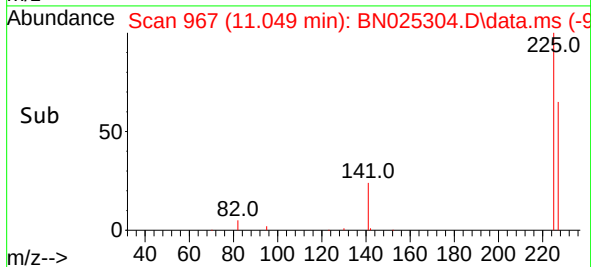
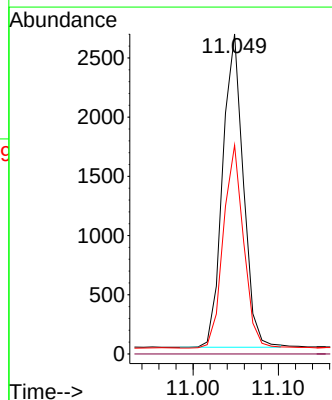
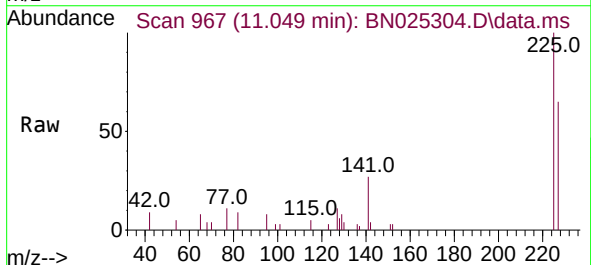
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SSTDCCC0.4

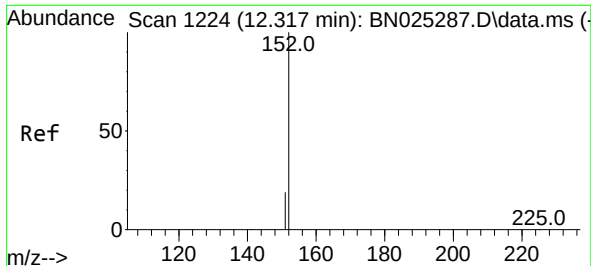
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Ion Ratio Lower Upper  
128 100  
129 11.5 9.4 14.2  
127 13.5 11.0 16.6



#10  
Hexachlorobutadiene  
Concen: 0.476 ng  
RT: 11.049 min Scan# 967  
Delta R.T. 0.000 min  
Lab File: BN025304.D  
Acq: 06 May 2023 07:36

Tgt Ion:225 Resp: 4440  
Ion Ratio Lower Upper  
225 100  
223 0.0 0.0 0.0  
227 63.5 49.8 74.8





#11

2-Methylnaphthalene-d10

Concen: 0.475 ng

RT: 12.309 min Scan# 11

Delta R.T. 0.000 min

Lab File: BN025304.D

Acq: 06 May 2023 07:36

Instrument :

BNA\_N

ClientSampleId :

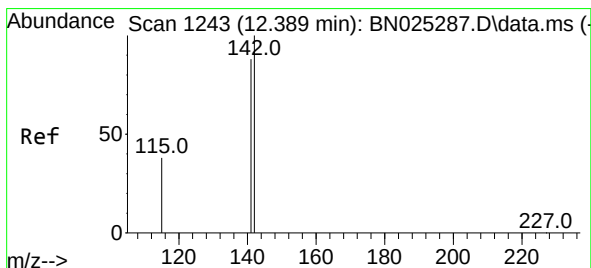
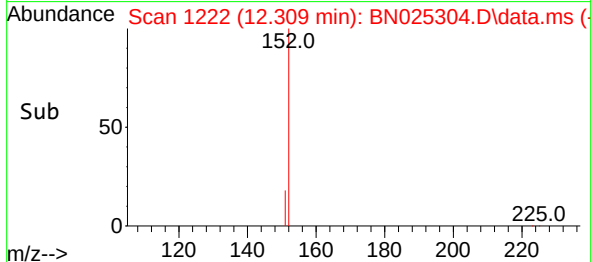
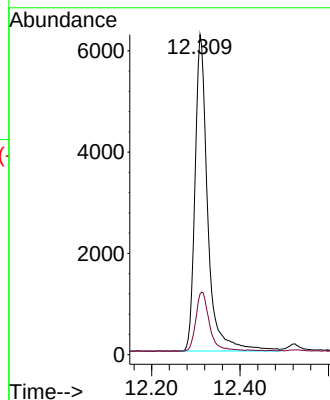
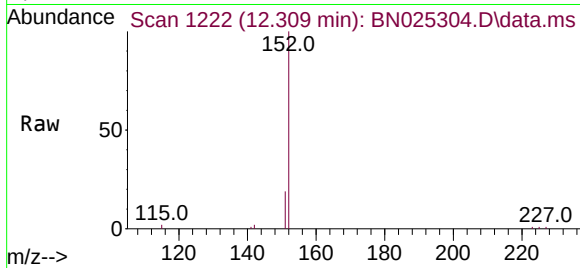
SSTDCCC0.4

Tgt Ion:152 Resp: 12467

Ion Ratio Lower Upper

152 100

151 20.2 16.4 24.6



#12

2-Methylnaphthalene

Concen: 0.472 ng

RT: 12.385 min Scan# 1242

Delta R.T. 0.000 min

Lab File: BN025304.D

Acq: 06 May 2023 07:36

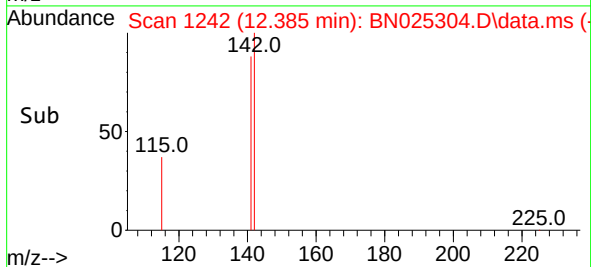
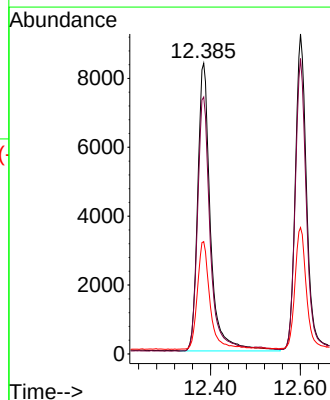
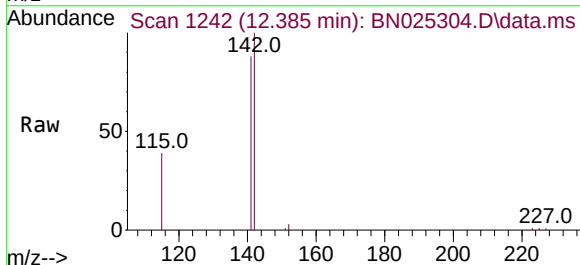
Tgt Ion:142 Resp: 16441

Ion Ratio Lower Upper

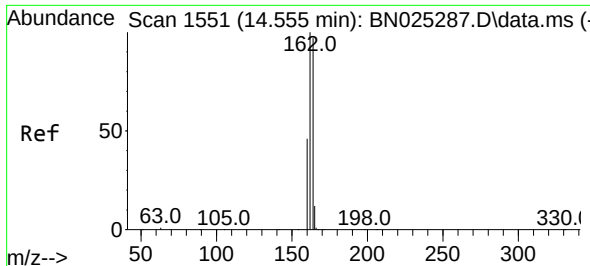
142 100

141 88.4 70.5 105.7

115 38.7 31.6 47.4



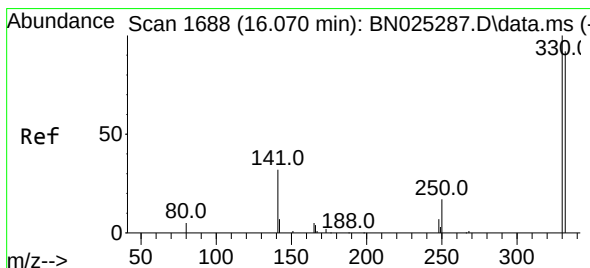
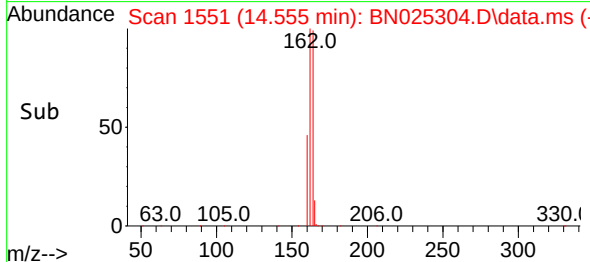
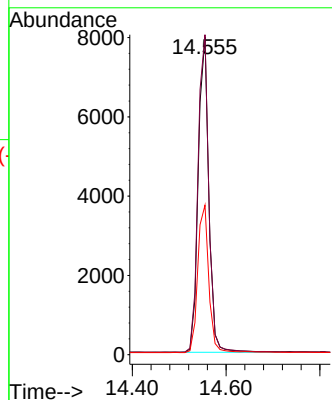
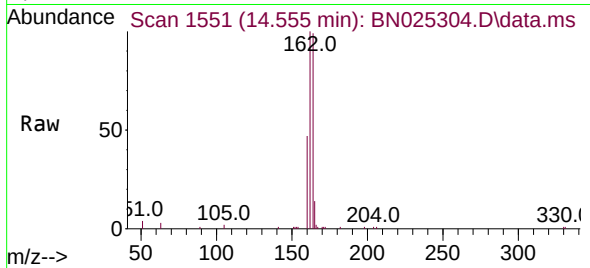




#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.555 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BN025304.D  
Acq: 06 May 2023 07:36

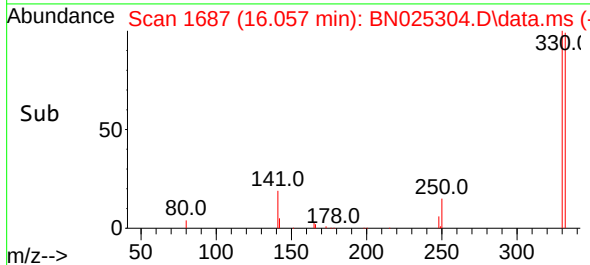
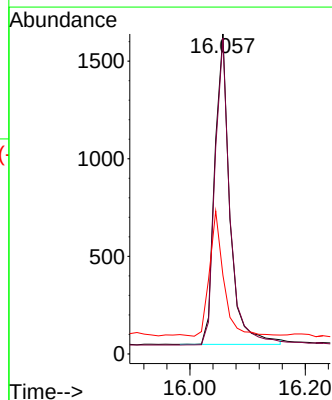
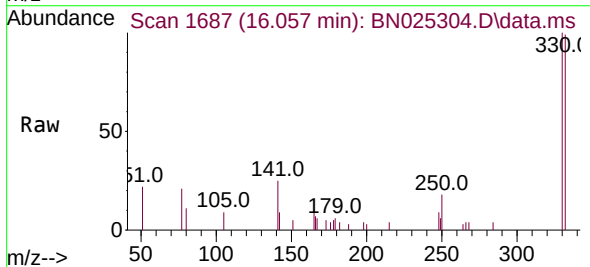
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

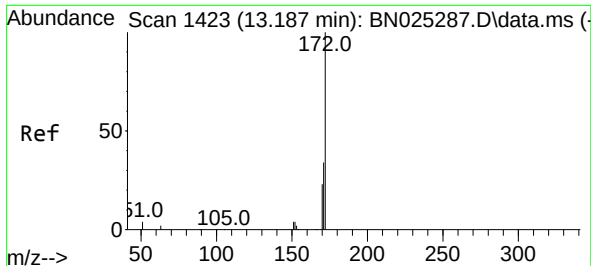
Tgt Ion:164 Resp: 12471  
Ion Ratio Lower Upper  
164 100  
162 100.6 82.1 123.1  
160 47.0 38.3 57.5



#14  
2,4,6-Tribromophenol  
Concen: 0.455 ng  
RT: 16.057 min Scan# 1687  
Delta R.T. 0.000 min  
Lab File: BN025304.D  
Acq: 06 May 2023 07:36

Tgt Ion:330 Resp: 2902  
Ion Ratio Lower Upper  
330 100  
332 98.6 77.4 116.0  
141 38.0 28.9 43.3

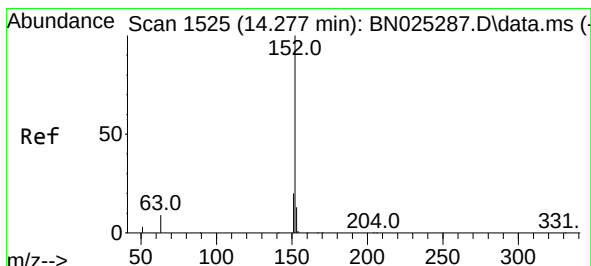
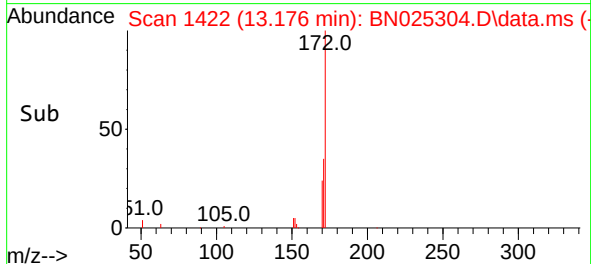
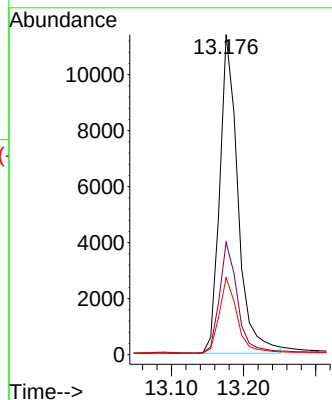
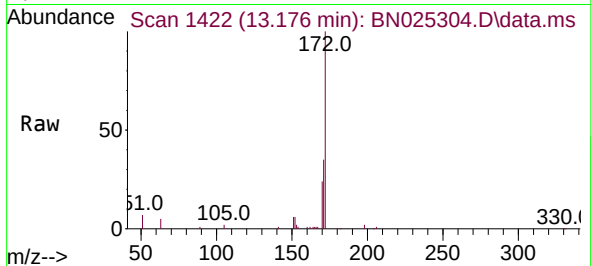




#15  
2-Fluorobiphenyl  
Concen: 0.465 ng  
RT: 13.176 min Scan# 1423  
Delta R.T. 0.000 min  
Lab File: BN025304.D  
Acq: 06 May 2023 07:36

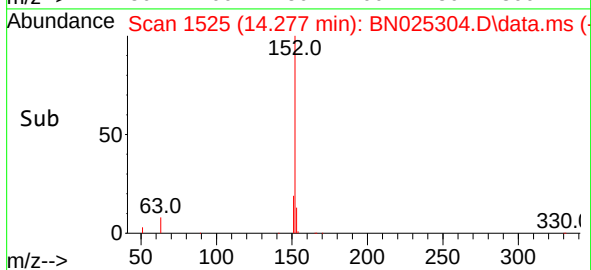
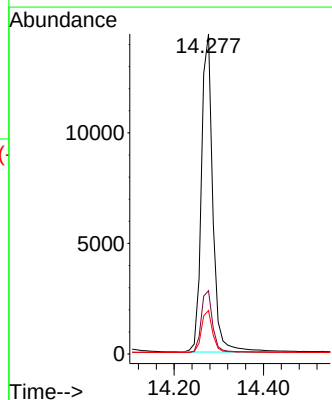
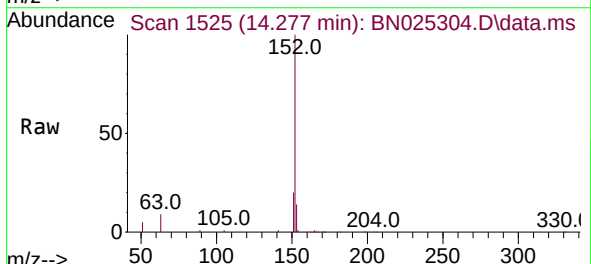
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

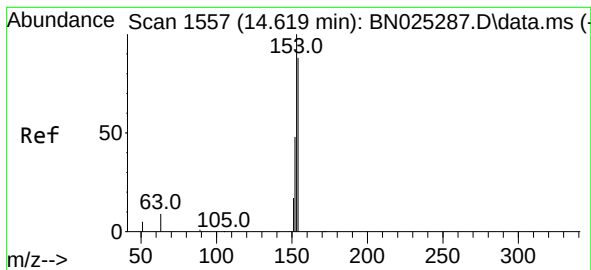
Tgt Ion:172 Resp: 19899  
Ion Ratio Lower Upper  
172 100  
171 35.1 27.9 41.9  
170 24.1 19.0 28.4



#16  
Acenaphthylene  
Concen: 0.459 ng  
RT: 14.277 min Scan# 1525  
Delta R.T. 0.000 min  
Lab File: BN025304.D  
Acq: 06 May 2023 07:36

Tgt Ion:152 Resp: 25626  
Ion Ratio Lower Upper  
152 100  
151 19.7 16.1 24.1  
153 13.0 10.3 15.5





#17

Acenaphthene

Concen: 0.465 ng

RT: 14.619 min Scan# 1557

Delta R.T. 0.000 min

Lab File: BN025304.D

Acq: 06 May 2023 07:36

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4

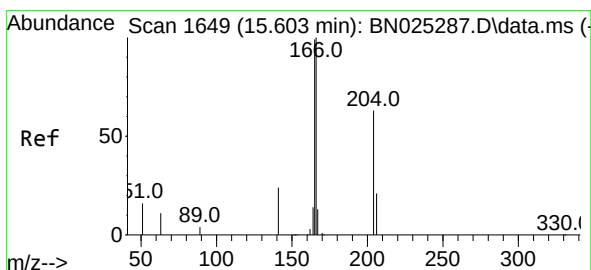
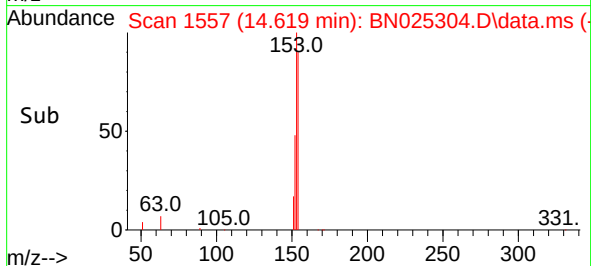
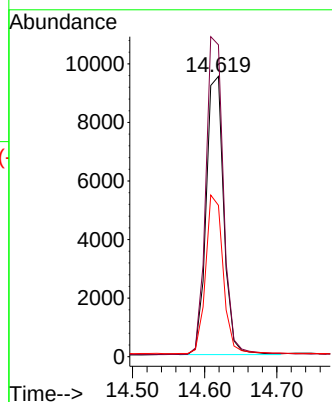
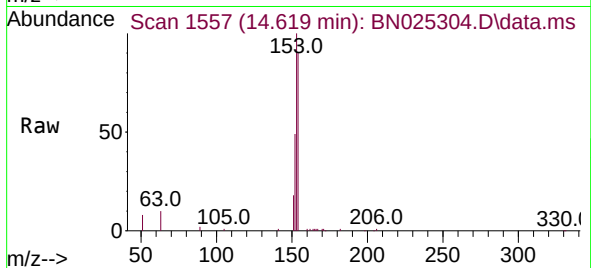
Tgt Ion:154 Resp: 16151

Ion Ratio Lower Upper

154 100

153 115.6 91.3 136.9

152 56.8 44.7 67.1



#18

Fluorene

Concen: 0.456 ng

RT: 15.603 min Scan# 1649

Delta R.T. 0.000 min

Lab File: BN025304.D

Acq: 06 May 2023 07:36

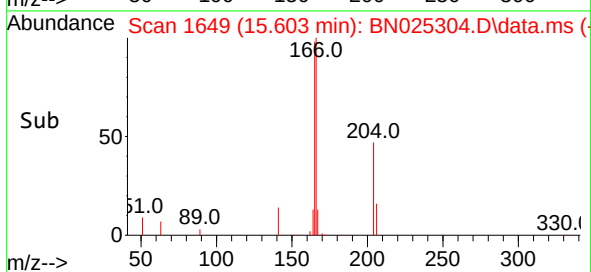
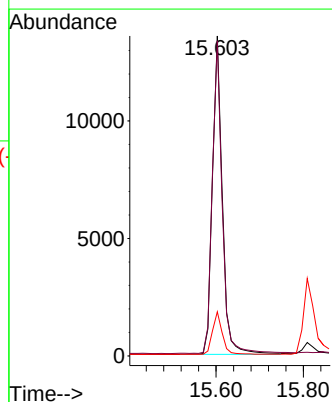
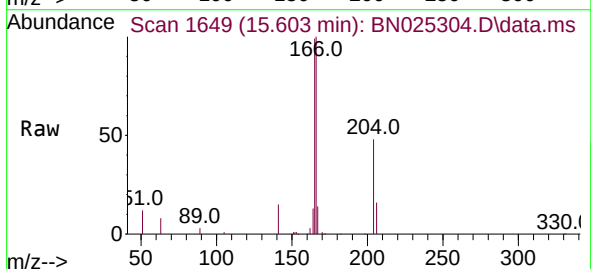
Tgt Ion:166 Resp: 21702

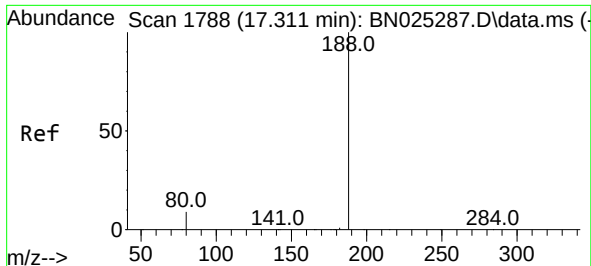
Ion Ratio Lower Upper

166 100

165 97.8 79.0 118.4

167 13.1 10.3 15.5

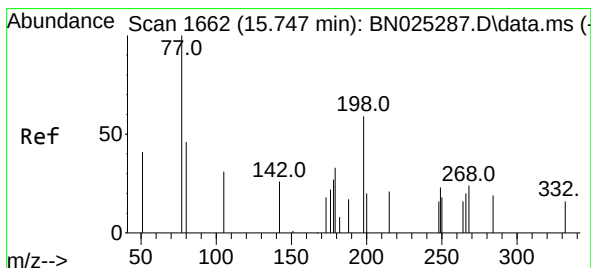
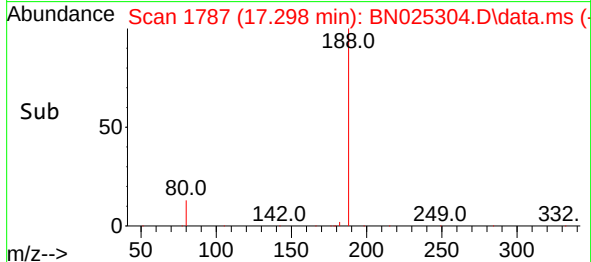
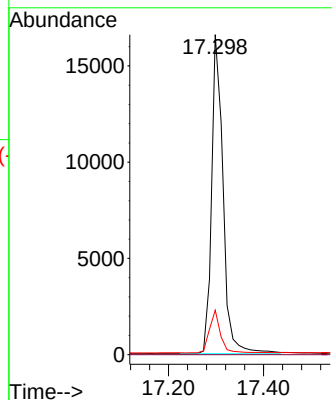
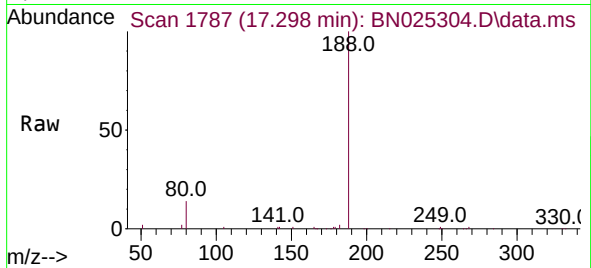




#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.298 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BN025304.D  
Acq: 06 May 2023 07:36

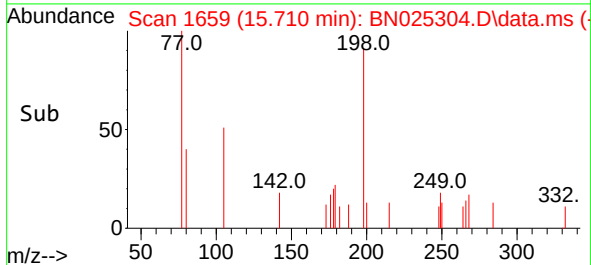
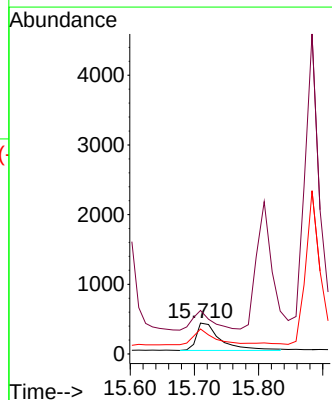
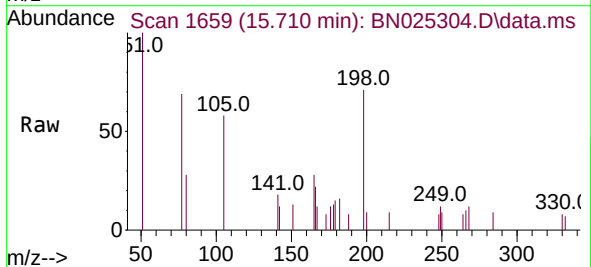
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

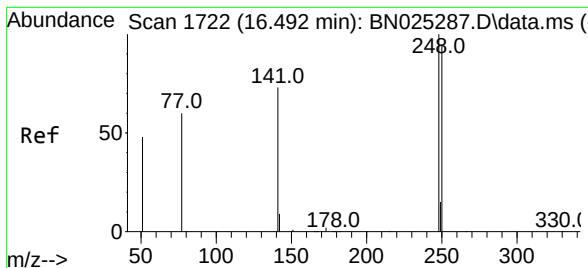
Tgt Ion:188 Resp: 27819  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 13.9 8.0 12.0#



#20  
4,6-Dinitro-2-methylphenol  
Concen: 0.450 ng  
RT: 15.710 min Scan# 1659  
Delta R.T. 0.000 min  
Lab File: BN025304.D  
Acq: 06 May 2023 07:36

Tgt Ion:198 Resp: 1029  
Ion Ratio Lower Upper  
198 100  
51 140.5 162.1 243.1#  
105 80.9 83.1 124.7#

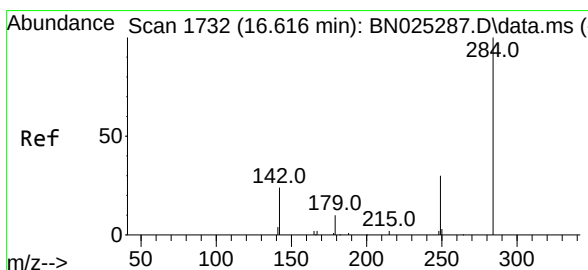
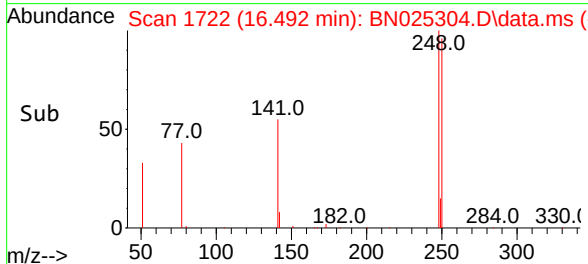
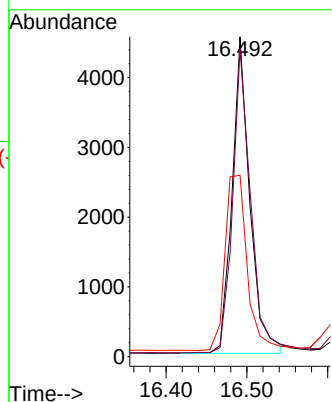
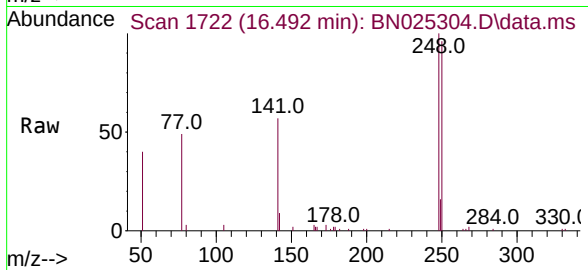




#21  
4-Bromophenyl-phenylether  
Concen: 0.448 ng  
RT: 16.492 min Scan# 1722  
Delta R.T. 0.000 min  
Lab File: BN025304.D  
Acq: 06 May 2023 07:36

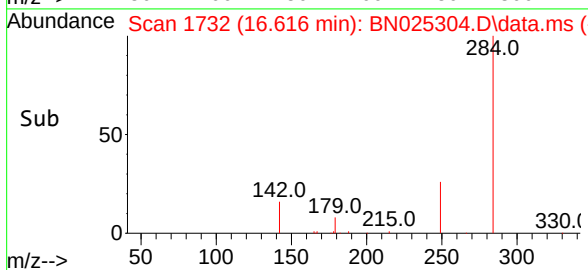
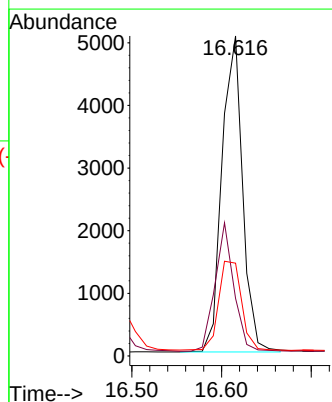
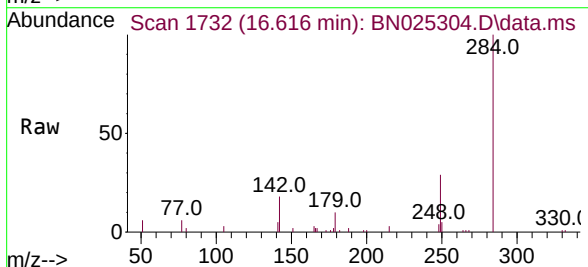
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

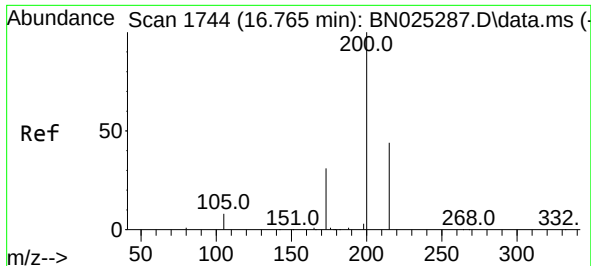
Tgt Ion:248 Resp: 6959  
Ion Ratio Lower Upper  
248 100  
250 96.1 76.0 114.0  
141 56.7 59.9 89.9#



#22  
Hexachlorobenzene  
Concen: 0.481 ng  
RT: 16.616 min Scan# 1732  
Delta R.T. 0.000 min  
Lab File: BN025304.D  
Acq: 06 May 2023 07:36

Tgt Ion:284 Resp: 8053  
Ion Ratio Lower Upper  
284 100  
142 37.1 30.0 45.0  
249 31.0 25.0 37.6

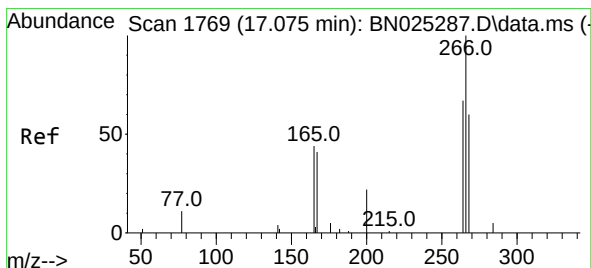
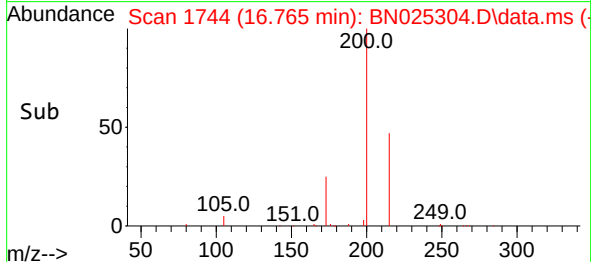
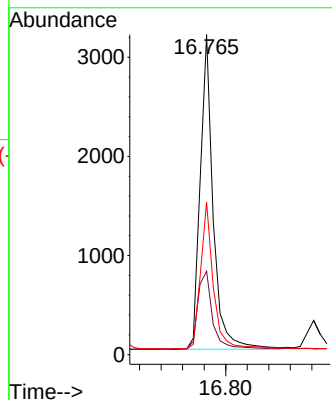
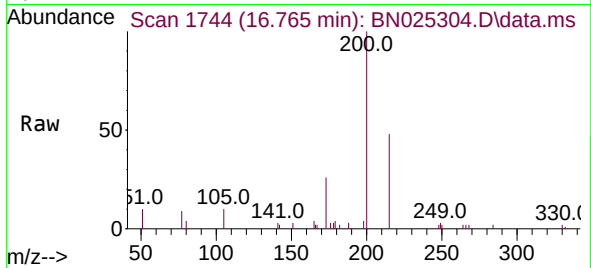




#23  
 Atrazine  
 Concen: 0.391 ng  
 RT: 16.765 min Scan# 11  
 Delta R.T. 0.000 min  
 Lab File: BN025304.D  
 Acq: 06 May 2023 07:36

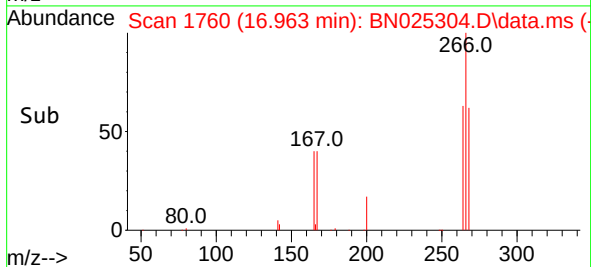
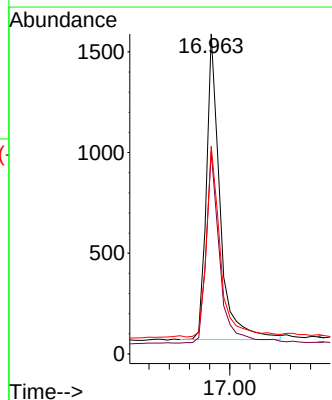
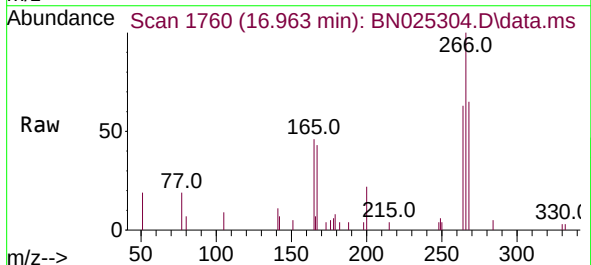
Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC0.4

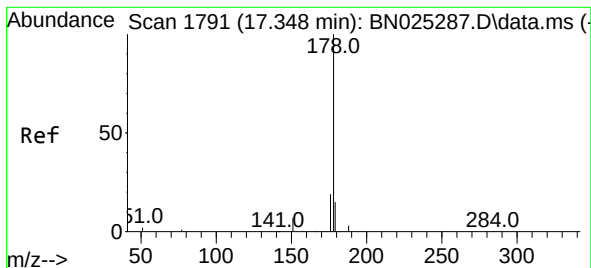
Tgt Ion:200 Resp: 5308  
 Ion Ratio Lower Upper  
 200 100  
 173 26.1 26.3 39.5#  
 215 47.6 37.2 55.8



#24  
 Pentachlorophenol  
 Concen: 0.706 ng  
 RT: 16.963 min Scan# 1760  
 Delta R.T. 0.000 min  
 Lab File: BN025304.D  
 Acq: 06 May 2023 07:36

Tgt Ion:266 Resp: 2850  
 Ion Ratio Lower Upper  
 266 100  
 264 62.8 43.0 64.4  
 268 62.9 47.4 71.2





#25

Phenanthrene

Concen: 0.446 ng

RT: 17.348 min Scan# 1791

Delta R.T. 0.000 min

Lab File: BN025304.D

Acq: 06 May 2023 07:36

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4

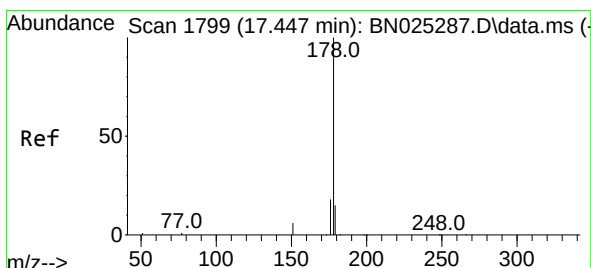
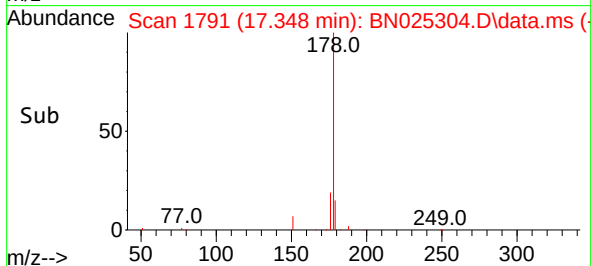
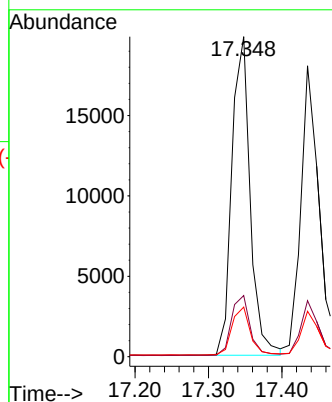
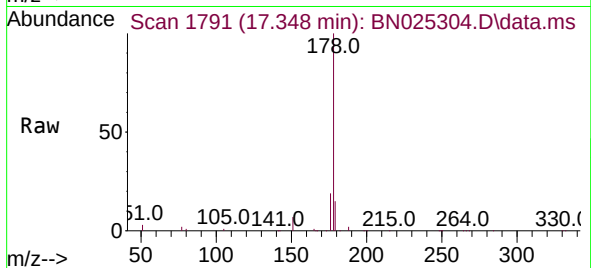
Tgt Ion:178 Resp: 34336

Ion Ratio Lower Upper

178 100

176 19.2 15.5 23.3

179 15.1 12.4 18.6



#26

Anthracene

Concen: 0.439 ng

RT: 17.435 min Scan# 1798

Delta R.T. 0.000 min

Lab File: BN025304.D

Acq: 06 May 2023 07:36

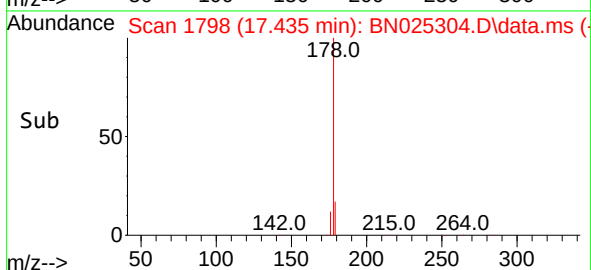
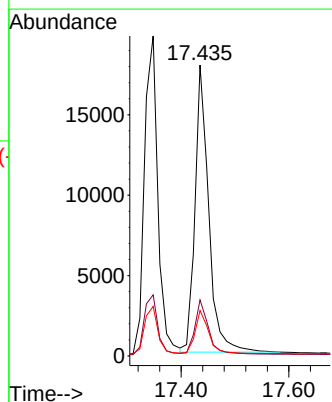
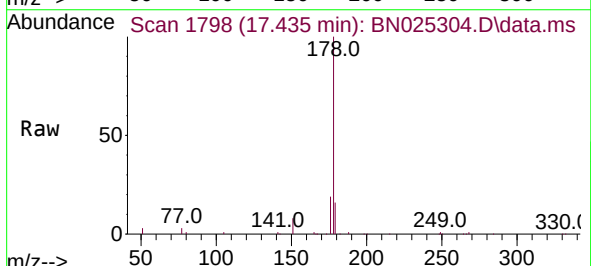
Tgt Ion:178 Resp: 31645

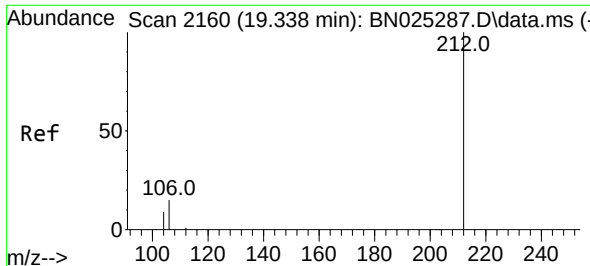
Ion Ratio Lower Upper

178 100

176 18.5 14.9 22.3

179 14.9 12.0 18.0

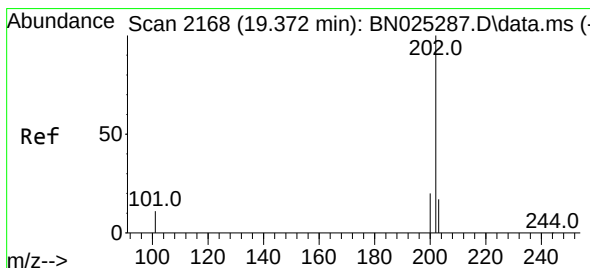
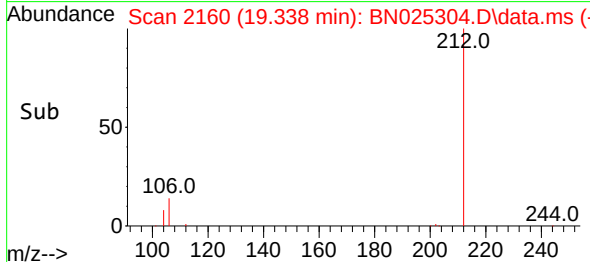
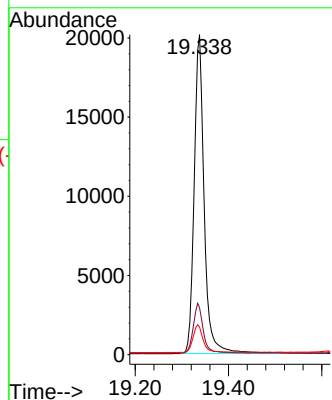
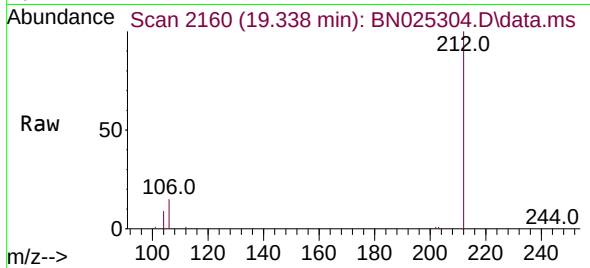




#27  
Fluoranthene-d10  
Concen: 0.437 ng  
RT: 19.338 min Scan# 2160  
Delta R.T. 0.000 min  
Lab File: BN025304.D  
Acq: 06 May 2023 07:36

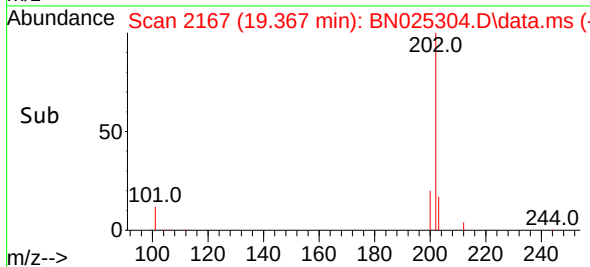
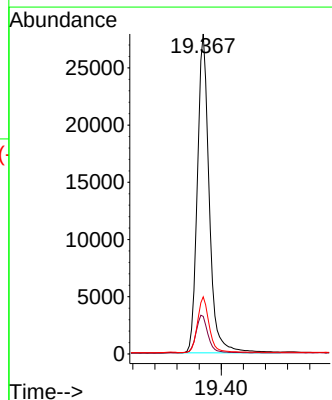
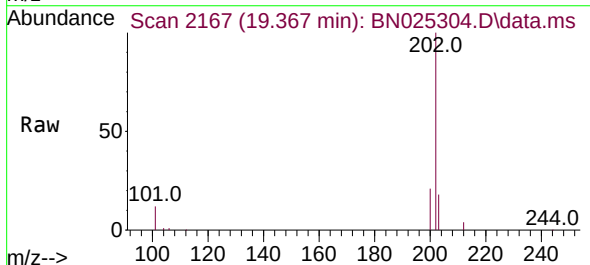
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

Tgt Ion:212 Resp: 30050  
Ion Ratio Lower Upper  
212 100  
106 15.5 12.6 19.0  
104 8.7 7.0 10.6

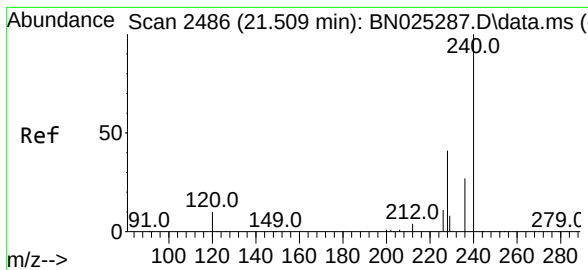


#28  
Fluoranthene  
Concen: 0.431 ng  
RT: 19.367 min Scan# 2167  
Delta R.T. 0.000 min  
Lab File: BN025304.D  
Acq: 06 May 2023 07:36

Tgt Ion:202 Resp: 41417  
Ion Ratio Lower Upper  
202 100  
101 11.9 9.8 14.8  
203 17.3 13.5 20.3







#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.500 min Scan# 2486

Delta R.T. 0.000 min

Lab File: BN025304.D

Acq: 06 May 2023 07:36

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4

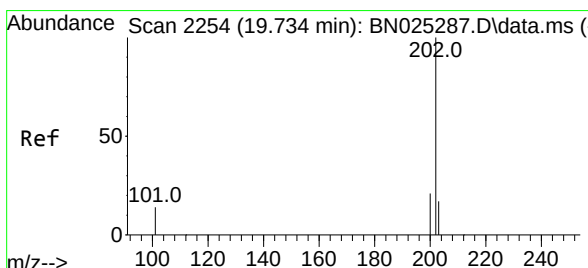
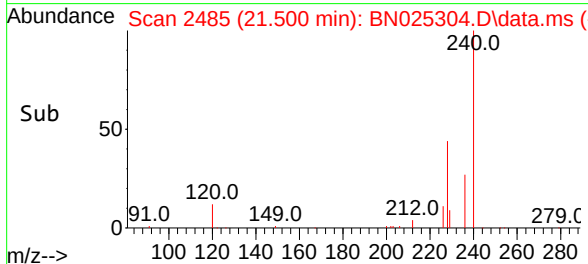
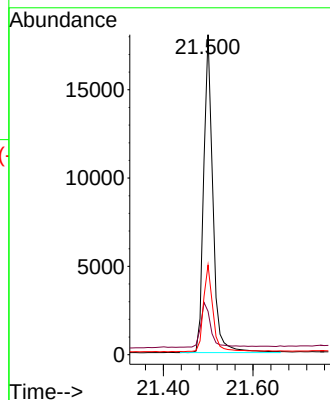
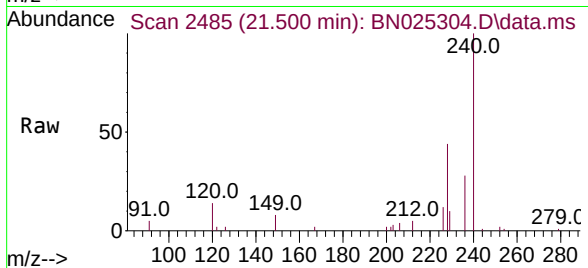
Tgt Ion:240 Resp: 25816

Ion Ratio Lower Upper

240 100

120 13.5 10.3 15.5

236 28.0 22.3 33.5



#30

Pyrene

Concen: 0.494 ng

RT: 19.730 min Scan# 2253

Delta R.T. 0.000 min

Lab File: BN025304.D

Acq: 06 May 2023 07:36

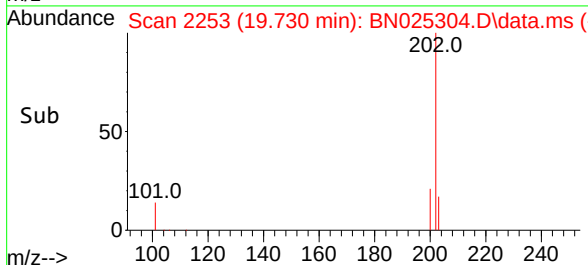
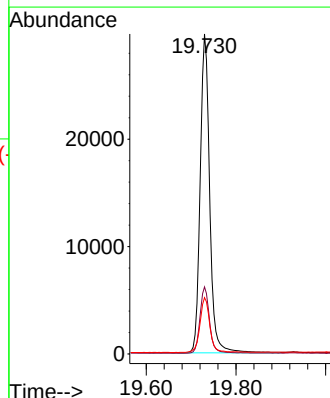
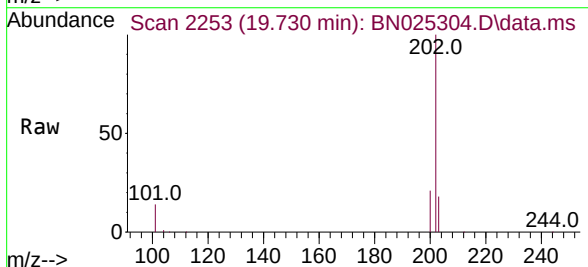
Tgt Ion:202 Resp: 43581

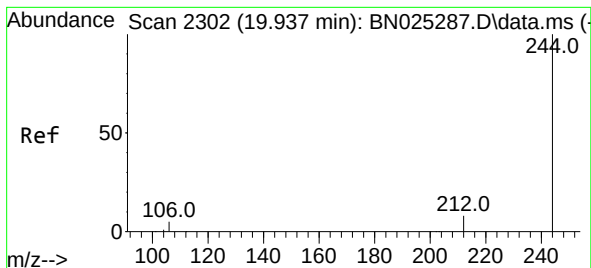
Ion Ratio Lower Upper

202 100

200 20.9 16.8 25.2

203 17.7 14.4 21.6





#31

Terphenyl-d14

Concen: 0.476 ng

RT: 19.928 min Scan# 21

Delta R.T. 0.000 min

Lab File: BN025304.D

Acq: 06 May 2023 07:36

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4

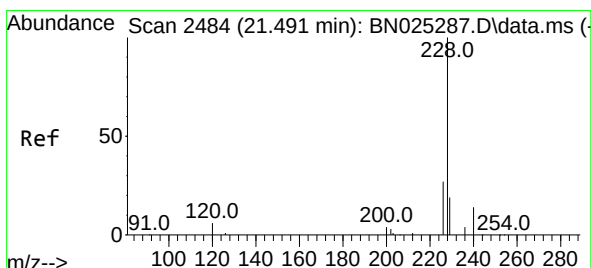
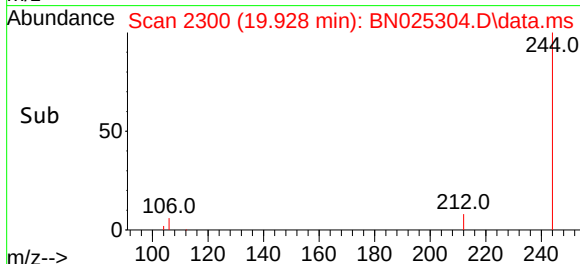
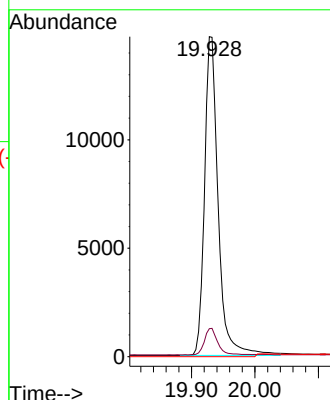
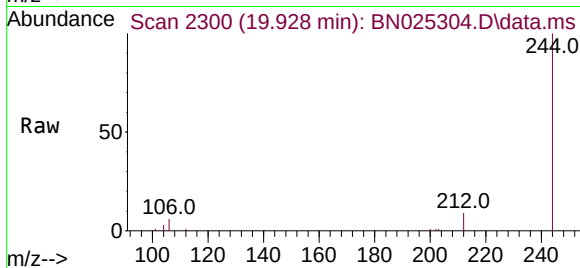
Tgt Ion:244 Resp: 24768

Ion Ratio Lower Upper

244 100

212 8.8 7.1 10.7

122 0.0 0.0 0.0



#32

Benzo(a)anthracene

Concen: 0.460 ng

RT: 21.482 min Scan# 2483

Delta R.T. 0.000 min

Lab File: BN025304.D

Acq: 06 May 2023 07:36

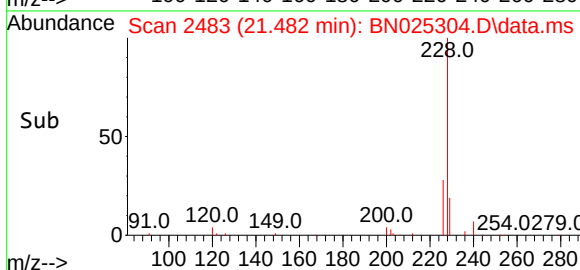
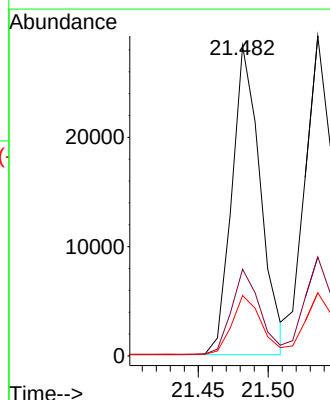
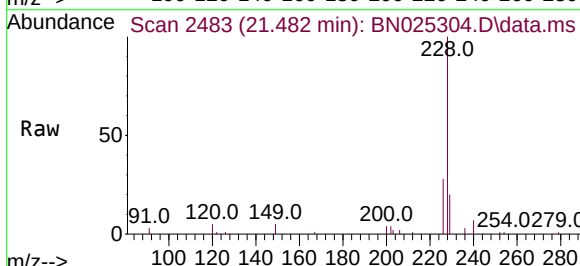
Tgt Ion:228 Resp: 40131

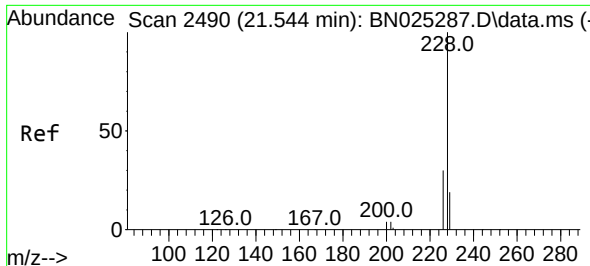
Ion Ratio Lower Upper

228 100

226 27.9 22.5 33.7

229 19.5 16.2 24.2





#33

Chrysene

Concen: 0.486 ng

RT: 21.535 min Scan# 2489

Delta R.T. 0.000 min

Lab File: BN025304.D

Acq: 06 May 2023 07:36

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4

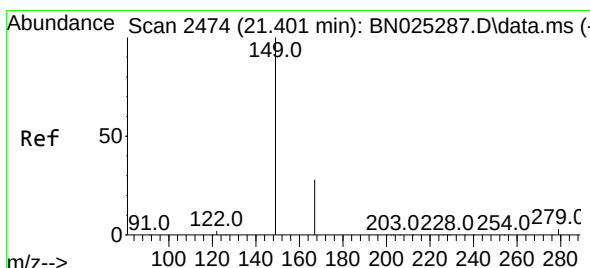
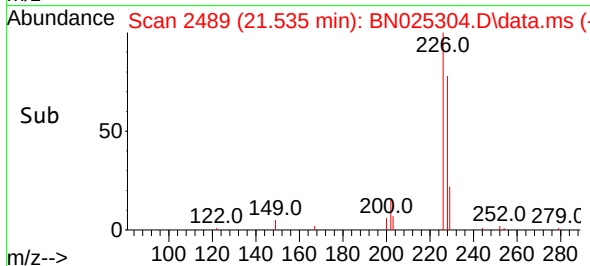
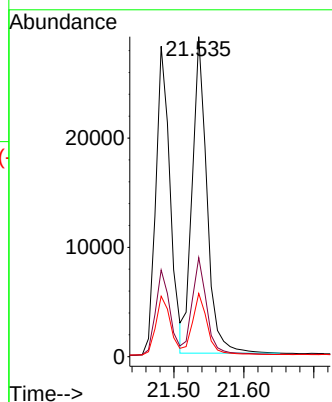
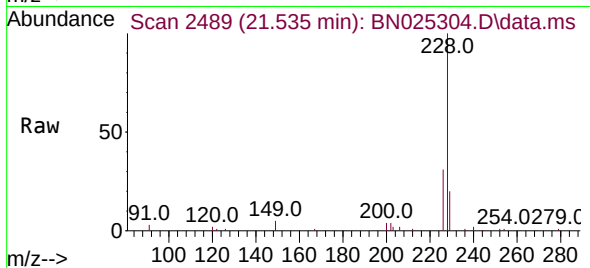
Tgt Ion:228 Resp: 42189

Ion Ratio Lower Upper

228 100

226 31.0 24.6 36.8

229 19.8 16.2 24.4



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.407 ng

RT: 21.392 min Scan# 2473

Delta R.T. 0.000 min

Lab File: BN025304.D

Acq: 06 May 2023 07:36

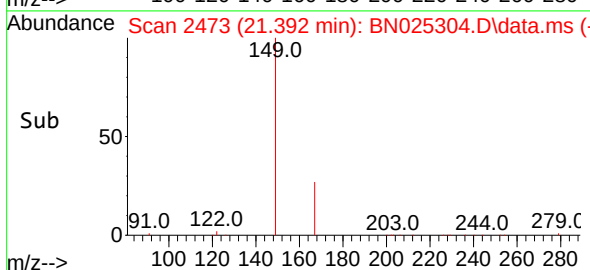
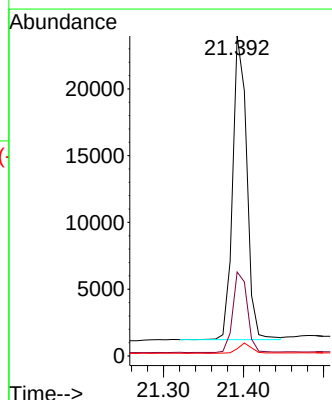
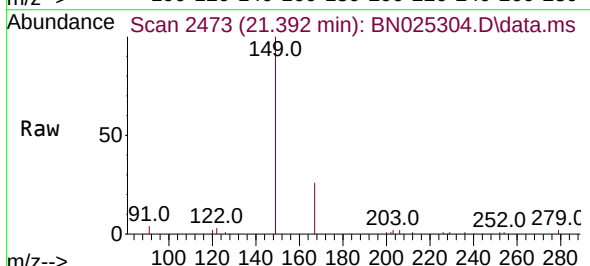
Tgt Ion:149 Resp: 27894

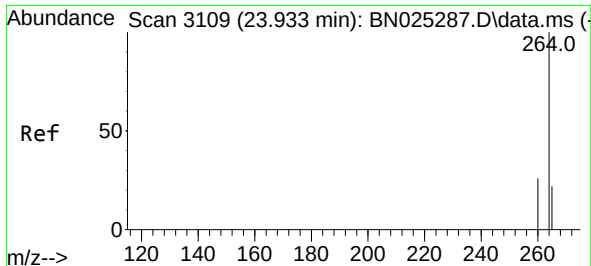
Ion Ratio Lower Upper

149 100

167 27.3 22.2 33.4

279 3.4 2.6 4.0

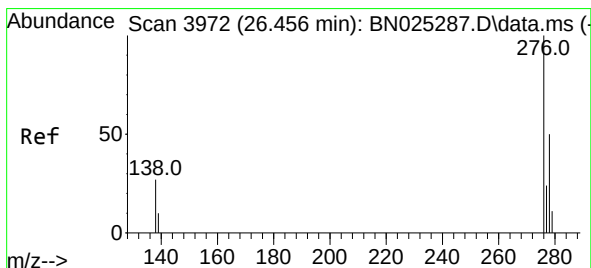
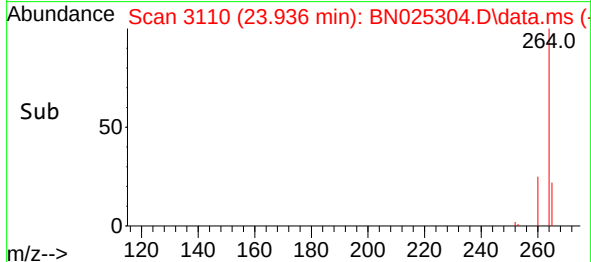
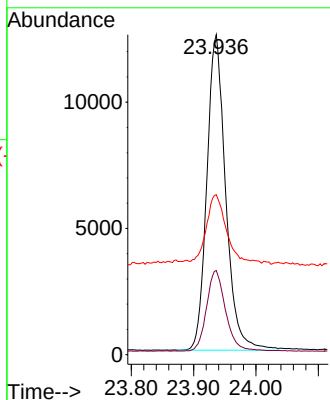
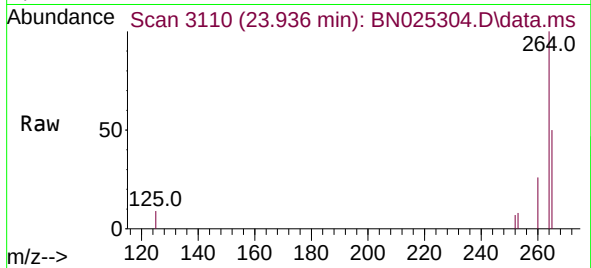




#35  
 Perylene-d12  
 Concen: 0.400 ng  
 RT: 23.936 min Scan# 3110  
 Delta R.T. 0.000 min  
 Lab File: BN025304.D  
 Acq: 06 May 2023 07:36

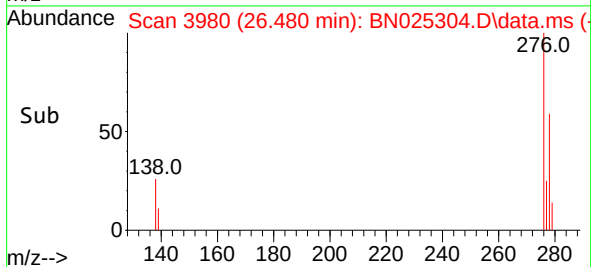
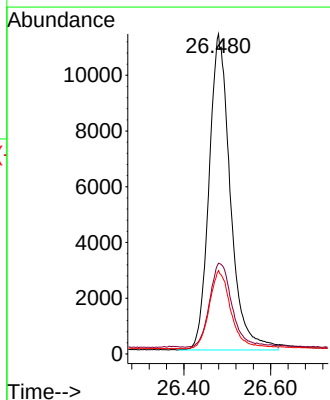
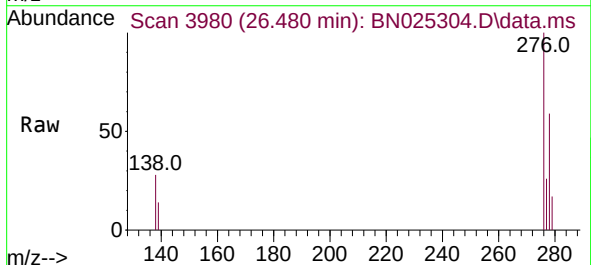
Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC0.4

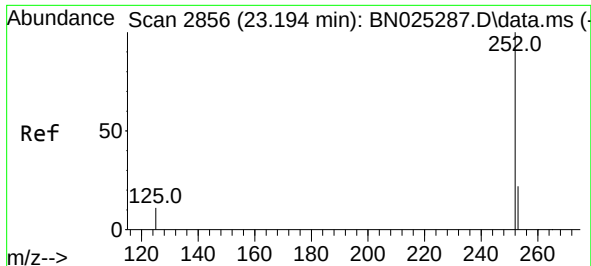
Tgt Ion:264 Resp: 26246  
 Ion Ratio Lower Upper  
 264 100  
 260 26.3 21.5 32.3  
 265 50.0 46.2 69.4



#36  
 Indeno(1,2,3-cd)pyrene  
 Concen: 0.367 ng  
 RT: 26.480 min Scan# 3980  
 Delta R.T. 0.000 min  
 Lab File: BN025304.D  
 Acq: 06 May 2023 07:36

Tgt Ion:276 Resp: 38578  
 Ion Ratio Lower Upper  
 276 100  
 138 28.1 22.5 33.7  
 277 25.3 19.8 29.6

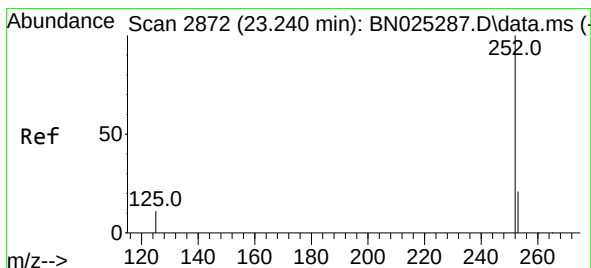
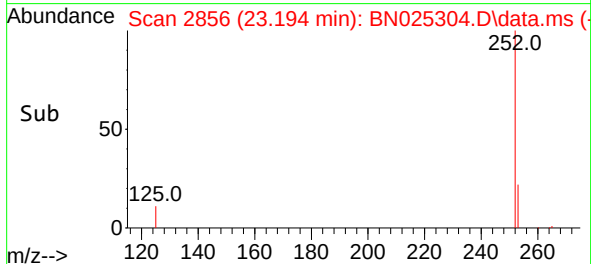
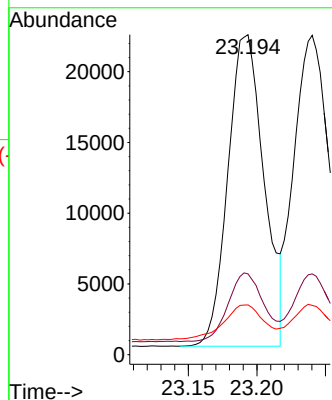
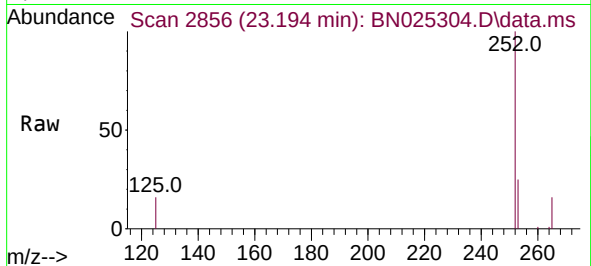




#37  
Benzo(b)fluoranthene  
Concen: 0.484 ng  
RT: 23.194 min Scan# 2856  
Delta R.T. 0.000 min  
Lab File: BN025304.D  
Acq: 06 May 2023 07:36

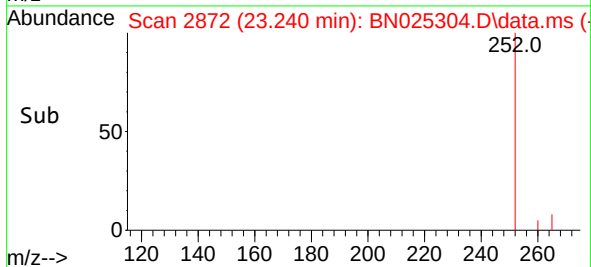
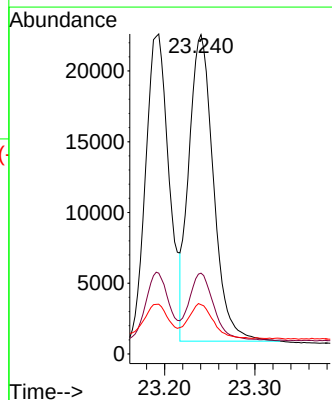
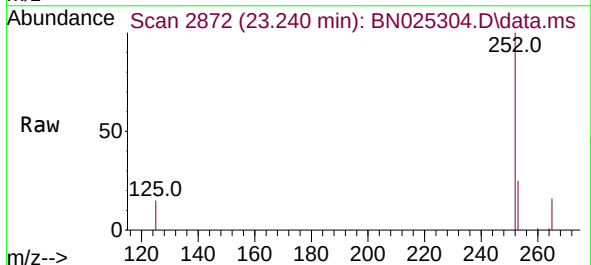
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

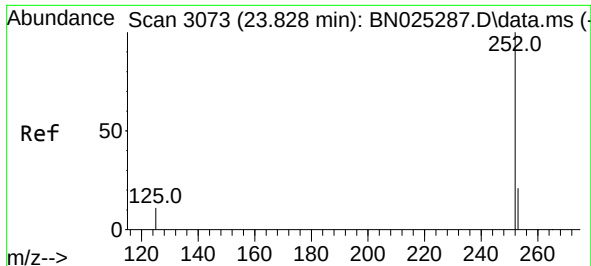
Tgt Ion:252 Resp: 40276  
Ion Ratio Lower Upper  
252 100  
253 25.2 20.8 31.2  
125 15.5 13.4 20.2



#38  
Benzo(k)fluoranthene  
Concen: 0.471 ng  
RT: 23.240 min Scan# 2872  
Delta R.T. 0.000 min  
Lab File: BN025304.D  
Acq: 06 May 2023 07:36

Tgt Ion:252 Resp: 41029  
Ion Ratio Lower Upper  
252 100  
253 25.3 20.6 30.8  
125 15.4 13.1 19.7





#39

Benzo(a)pyrene

Concen: 0.460 ng

RT: 23.834 min Scan# 3073

Delta R.T. 0.000 min

Lab File: BN025304.D

Acq: 06 May 2023 07:36

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4

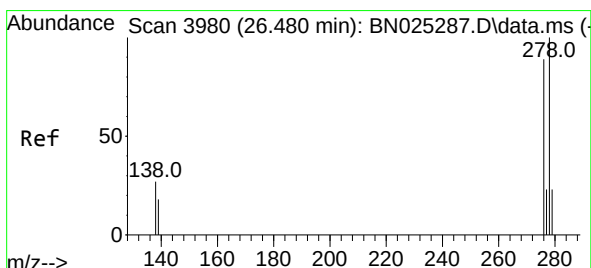
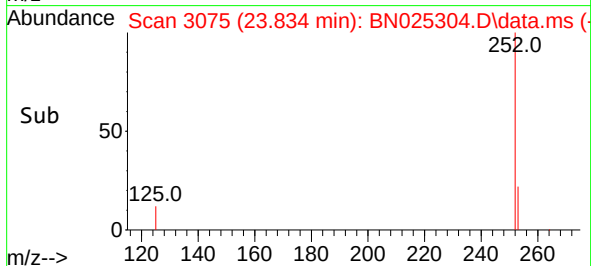
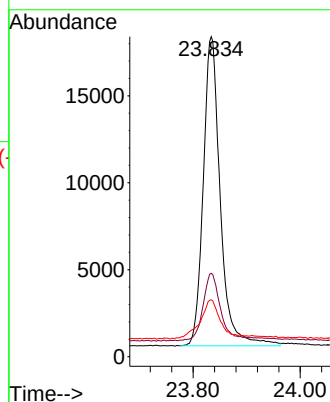
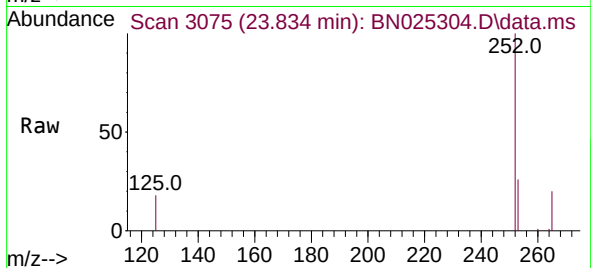
Tgt Ion:252 Resp: 39203

Ion Ratio Lower Upper

252 100

253 26.0 21.4 32.0

125 17.8 15.4 23.2



#40

Dibenzo(a,h)anthracene

Concen: 0.374 ng

RT: 26.497 min Scan# 3986

Delta R.T. 0.000 min

Lab File: BN025304.D

Acq: 06 May 2023 07:36

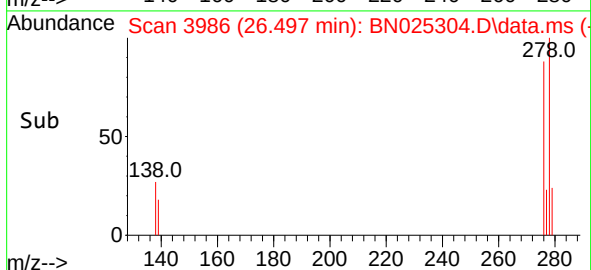
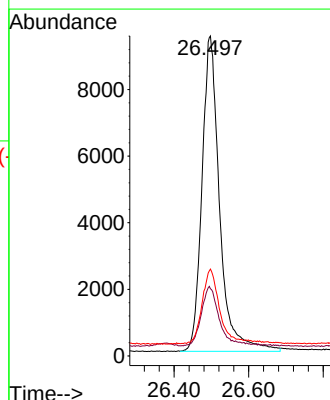
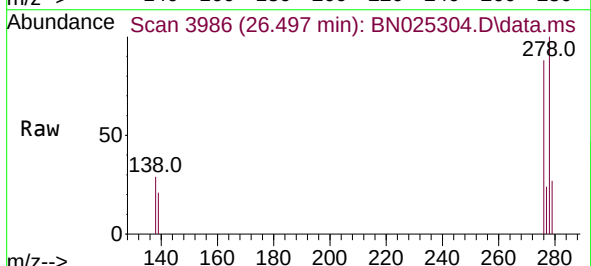
Tgt Ion:278 Resp: 31044

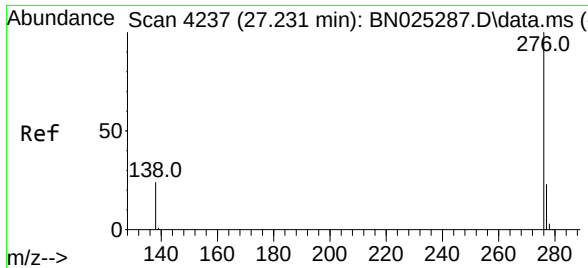
Ion Ratio Lower Upper

278 100

139 21.0 17.6 26.4

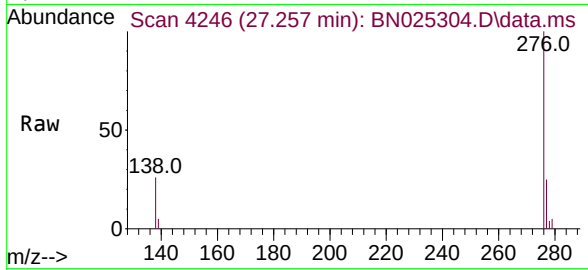
279 27.2 21.6 32.4





#41  
 Benzo(g,h,i)perylene  
 Concen: 0.348 ng  
 RT: 27.257 min Scan# 41  
 Delta R.T. 0.000 min  
 Lab File: BN025304.D  
 Acq: 06 May 2023 07:36

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC0.4



Tgt Ion: 276 Resp: 31770

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 276 | 100   |       |       |
| 277 | 25.2  | 20.1  | 30.1  |
| 138 | 26.3  | 21.0  | 31.6  |

