

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN050623\  
 Data File : BN025292.D  
 Acq On : 05 May 2023 23:12  
 Operator : CG/JU  
 Sample : SSTDICV0.4  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 ICVBN050623

Quant Time: May 08 02:41:00 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 02:37:05 2023  
 Response via : Initial Calibration

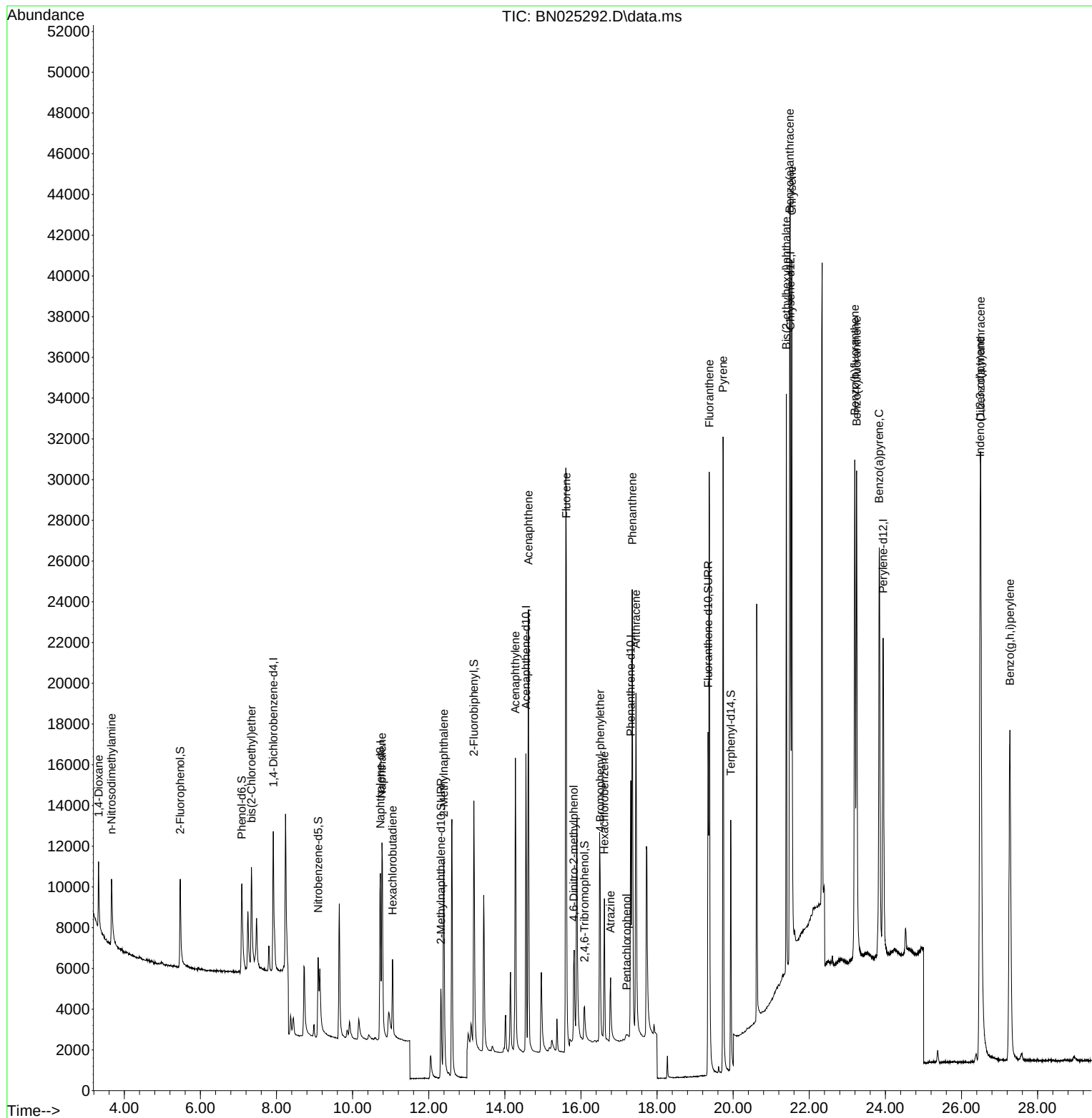
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.918  | 152  | 4313     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.729 | 136  | 13220    | 0.400 | ng    | 0.00     |
| 13) Acenaphthene-d10          | 14.555 | 164  | 8511     | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.311 | 188  | 20100    | 0.400 | ng    | 0.00     |
| 29) Chrysene-d12              | 21.504 | 240  | 20311    | 0.400 | ng    | 0.00     |
| 35) Perylene-d12              | 23.941 | 264  | 24187    | 0.400 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.470  | 112  | 4686     | 0.446 | ng    | 0.00     |
| 5) Phenol-d6                  | 7.088  | 99   | 5795     | 0.440 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 9.095  | 82   | 4662     | 0.429 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 12.321 | 152  | 8380     | 0.464 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 16.094 | 330  | 1685     | 0.387 | ng    | 0.02     |
| 15) 2-Fluorobiphenyl          | 13.187 | 172  | 13359    | 0.458 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.342 | 212  | 22244    | 0.447 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.937 | 244  | 18854    | 0.460 | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       |          |
| 2) 1,4-Dioxane                | 3.325  | 88   | 2114     | 0.467 | ng    | 98       |
| 3) n-Nitrosodimethylamine     | 3.664  | 42   | 3125     | 0.452 | ng    | 98       |
| 6) bis(2-Chloroethyl)ether    | 7.341  | 93   | 4935     | 0.425 | ng    | 97       |
| 9) Naphthalene                | 10.771 | 128  | 15420    | 0.455 | ng    | 99       |
| 10) Hexachlorobutadiene       | 11.049 | 225  | 3016     | 0.470 | ng    | # 98     |
| 12) 2-Methylnaphthalene       | 12.396 | 142  | 10801    | 0.450 | ng    | 99       |
| 16) Acenaphthylene            | 14.277 | 152  | 17062    | 0.448 | ng    | 99       |
| 17) Acenaphthene              | 14.619 | 154  | 11011    | 0.465 | ng    | 99       |
| 18) Fluorene                  | 15.613 | 166  | 15212    | 0.468 | ng    | 99       |
| 20) 4,6-Dinitro-2-methylph... | 15.809 | 198  | 452      | 0.383 | ng    | # 1      |
| 21) 4-Bromophenyl-phenylether | 16.504 | 248  | 4901     | 0.437 | ng    | # 82     |
| 22) Hexachlorobenzene         | 16.616 | 284  | 5533     | 0.457 | ng    | 98       |
| 23) Atrazine                  | 16.777 | 200  | 4167     | 0.425 | ng    | 96       |
| 24) Pentachlorophenol         | 17.199 | 266  | 322      | 0.335 | ng    | # 52     |
| 25) Phenanthrene              | 17.348 | 178  | 24388    | 0.439 | ng    | 100      |
| 26) Anthracene                | 17.447 | 178  | 22171    | 0.426 | ng    | 100      |
| 28) Fluoranthene              | 19.372 | 202  | 30500    | 0.439 | ng    | 100      |
| 30) Pyrene                    | 19.734 | 202  | 32041    | 0.461 | ng    | 100      |
| 32) Benzo(a)anthracene        | 21.486 | 228  | 30197    | 0.440 | ng    | 100      |
| 33) Chrysene                  | 21.540 | 228  | 33052    | 0.484 | ng    | 99       |
| 34) Bis(2-ethylhexyl)phtha... | 21.396 | 149  | 23603    | 0.438 | ng    | 99       |
| 36) Indeno(1,2,3-cd)pyrene    | 26.490 | 276  | 42622    | 0.440 | ng    | 100      |
| 37) Benzo(b)fluoranthene      | 23.195 | 252  | 33258    | 0.434 | ng    | 99       |
| 38) Benzo(k)fluoranthene      | 23.245 | 252  | 34821    | 0.434 | ng    | 99       |
| 39) Benzo(a)pyrene            | 23.838 | 252  | 35268    | 0.449 | ng    | 99       |
| 40) Dibenzo(a,h)anthracene    | 26.505 | 278  | 34269    | 0.448 | ng    | 99       |
| 41) Benzo(g,h,i)perylene      | 27.273 | 276  | 37535    | 0.446 | ng    | 100      |

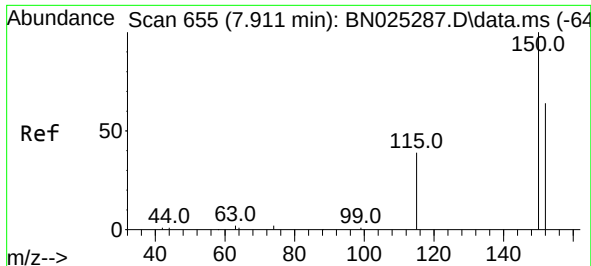
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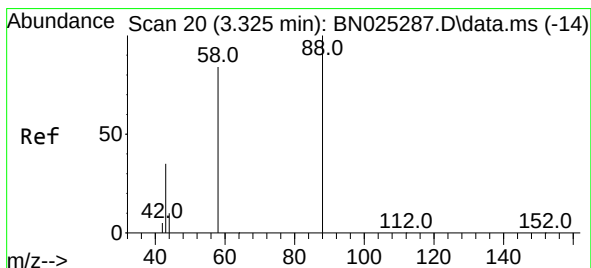
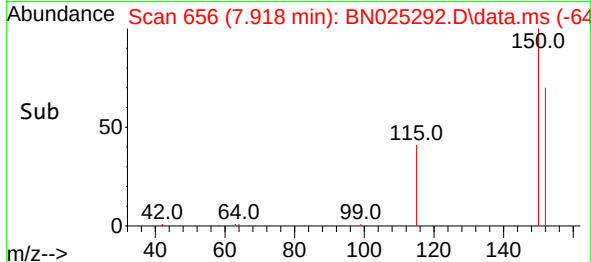
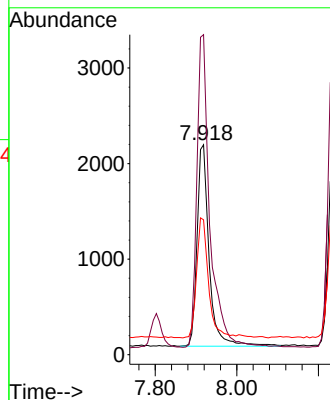
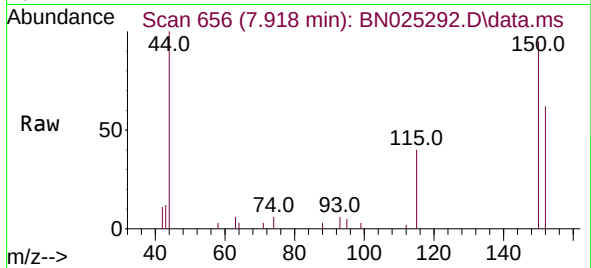




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 7.918 min Scan# 61  
 Delta R.T. 0.007 min  
 Lab File: BN025292.D  
 Acq: 05 May 2023 23:12

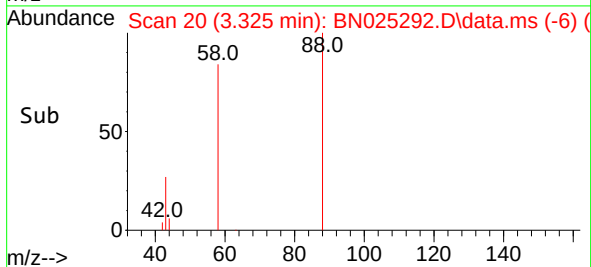
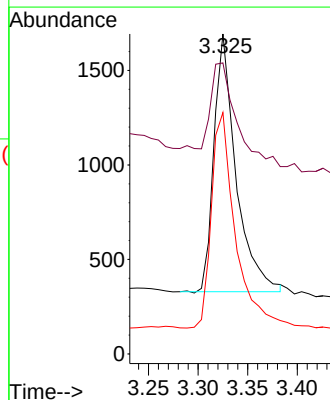
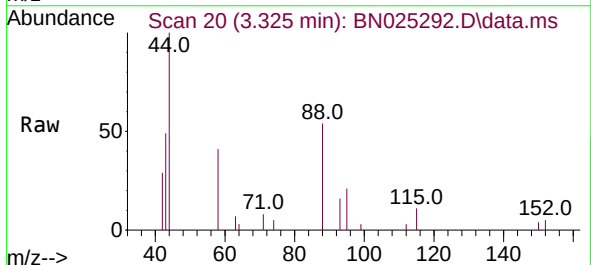
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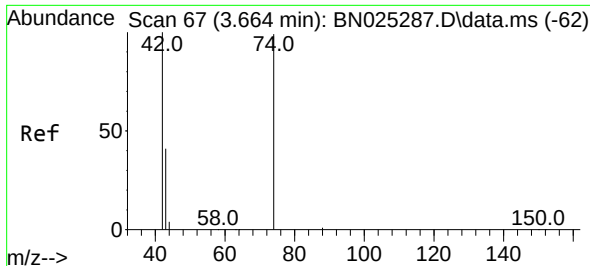
Tgt Ion:152 Resp: 4313  
 Ion Ratio Lower Upper  
 152 100  
 150 152.4 123.8 185.8  
 115 64.3 52.9 79.3



#2  
 1,4-Dioxane  
 Concen: 0.467 ng  
 RT: 3.325 min Scan# 20  
 Delta R.T. 0.000 min  
 Lab File: BN025292.D  
 Acq: 05 May 2023 23:12

Tgt Ion: 88 Resp: 2114  
 Ion Ratio Lower Upper  
 88 100  
 43 49.3 37.2 55.8  
 58 90.3 71.5 107.3

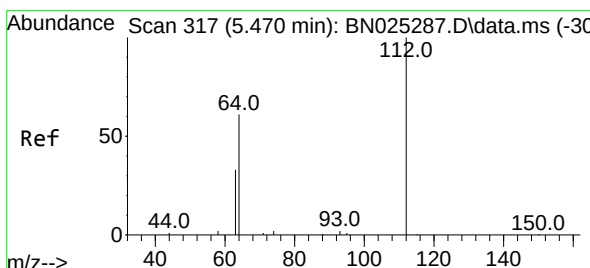
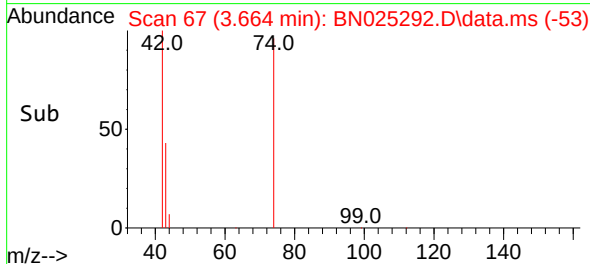
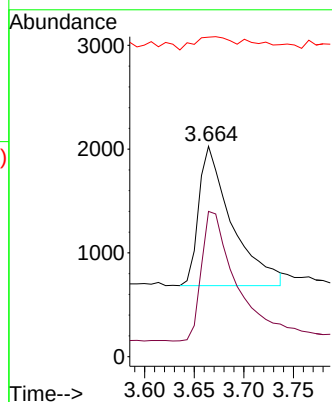
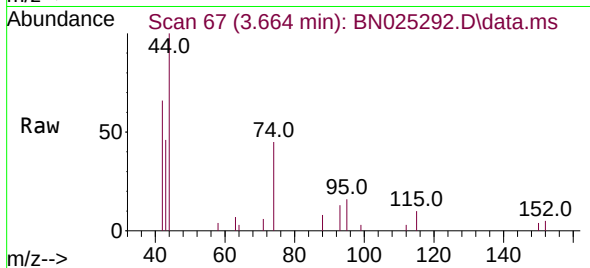




#3  
n-Nitrosodimethylamine  
Concen: 0.452 ng  
RT: 3.664 min Scan# 61  
Delta R.T. 0.000 min  
Lab File: BN025292.D  
Acq: 05 May 2023 23:12

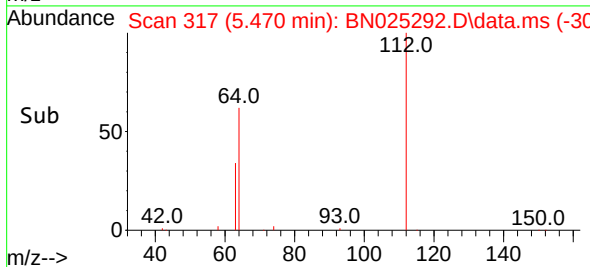
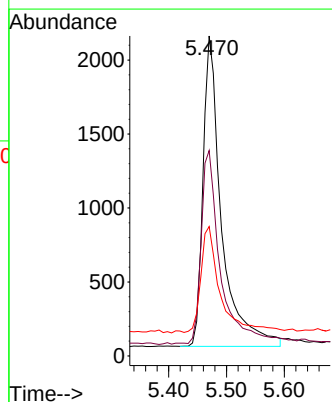
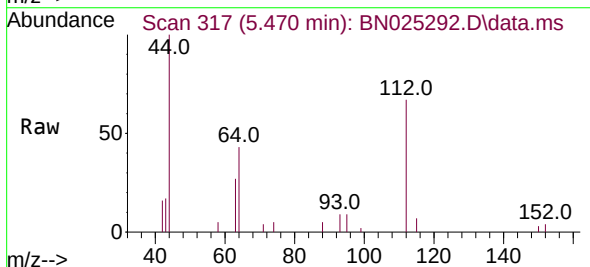
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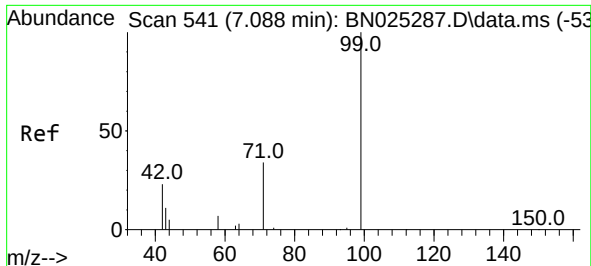
Tgt Ion: 42 Resp: 3125  
Ion Ratio Lower Upper  
42 100  
74 97.7 79.9 119.9  
44 10.4 7.0 10.6



#4  
2-Fluorophenol  
Concen: 0.446 ng  
RT: 5.470 min Scan# 317  
Delta R.T. 0.000 min  
Lab File: BN025292.D  
Acq: 05 May 2023 23:12

Tgt Ion: 112 Resp: 4686  
Ion Ratio Lower Upper  
112 100  
64 64.8 51.5 77.3  
63 35.2 27.8 41.6

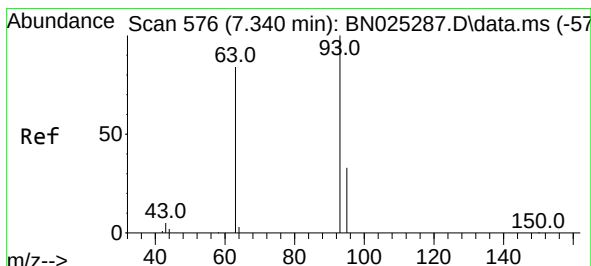
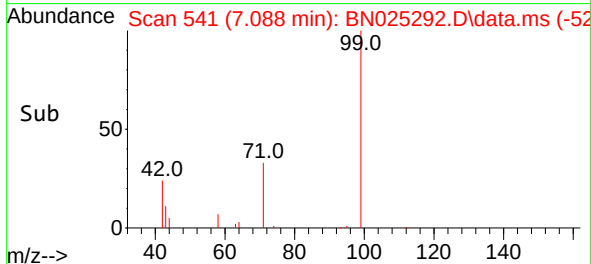
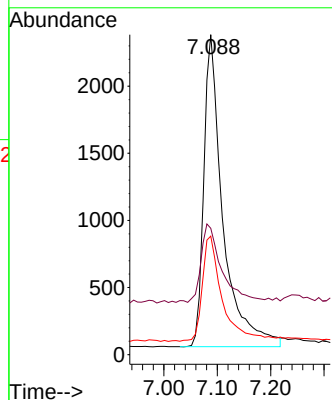
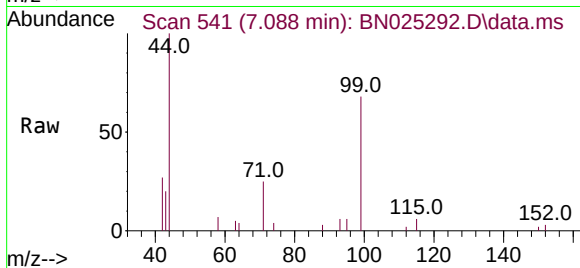




#5  
Phenol-d6  
Concen: 0.440 ng  
RT: 7.088 min Scan# 541  
Delta R.T. 0.000 min  
Lab File: BN025292.D  
Acq: 05 May 2023 23:12

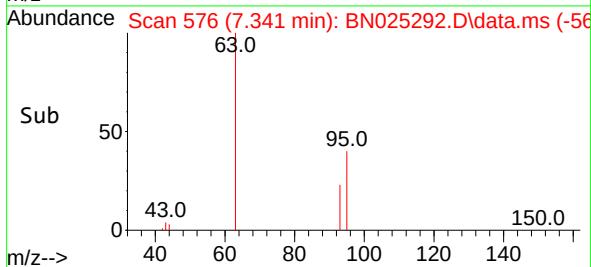
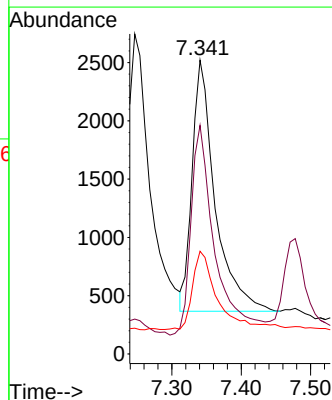
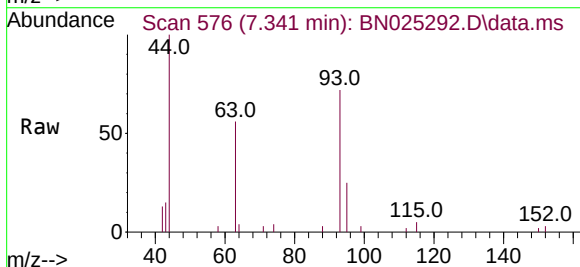
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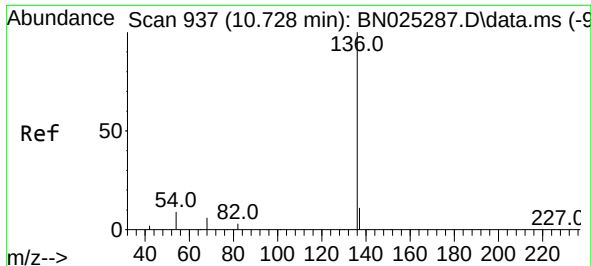
Tgt Ion: 99 Resp: 5795  
Ion Ratio Lower Upper  
99 100  
42 27.2 22.0 33.0  
71 34.5 28.7 43.1



#6  
bis(2-Chloroethyl)ether  
Concen: 0.425 ng  
RT: 7.341 min Scan# 576  
Delta R.T. 0.000 min  
Lab File: BN025292.D  
Acq: 05 May 2023 23:12

Tgt Ion: 93 Resp: 4935  
Ion Ratio Lower Upper  
93 100  
63 87.4 67.8 101.6  
95 34.2 26.7 40.1

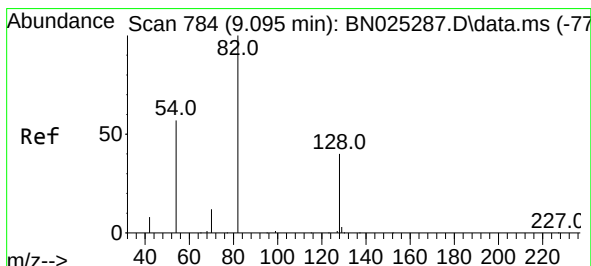
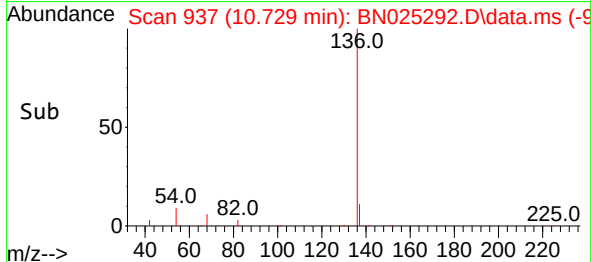
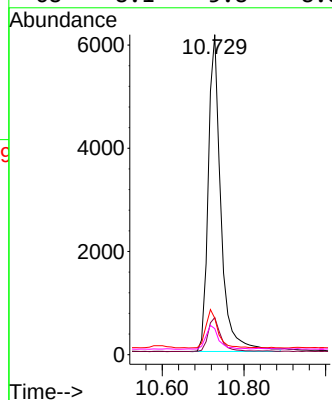
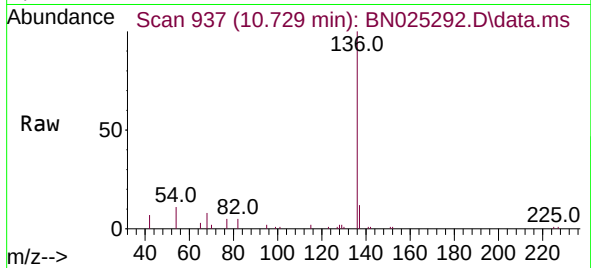




#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.729 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: BN025292.D  
Acq: 05 May 2023 23:12

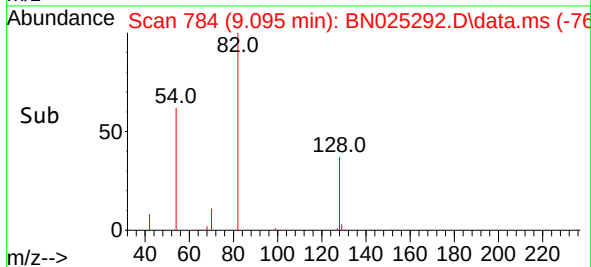
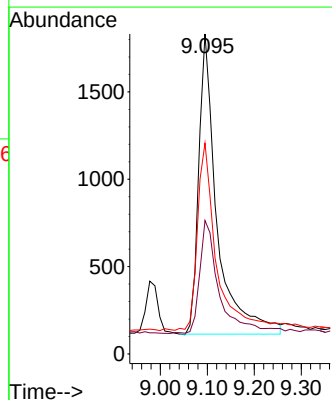
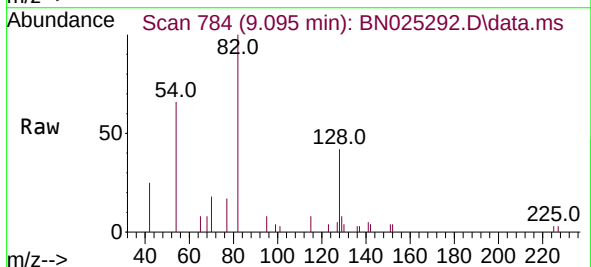
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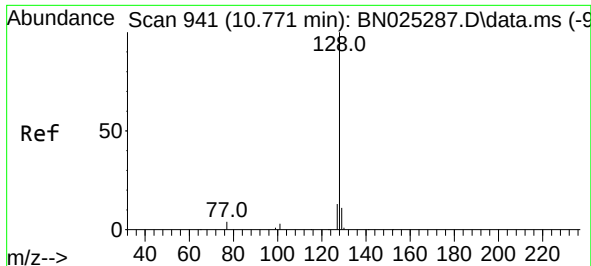
|             |       |             |
|-------------|-------|-------------|
| Tgt Ion:136 | Resp: | 13220       |
| Ion         | Ratio | Lower Upper |
| 136         | 100   |             |
| 137         | 11.6  | 9.4 14.2    |
| 54          | 11.4  | 8.5 12.7    |
| 68          | 8.1   | 5.8 8.8     |



#8  
Nitrobenzene-d5  
Concen: 0.429 ng  
RT: 9.095 min Scan# 784  
Delta R.T. 0.000 min  
Lab File: BN025292.D  
Acq: 05 May 2023 23:12

|             |       |             |
|-------------|-------|-------------|
| Tgt Ion: 82 | Resp: | 4662        |
| Ion         | Ratio | Lower Upper |
| 82          | 100   |             |
| 128         | 41.7  | 35.3 52.9   |
| 54          | 65.9  | 48.7 73.1   |

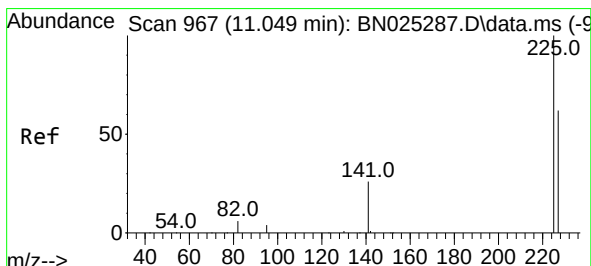
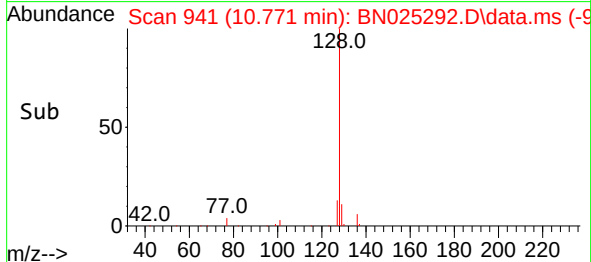
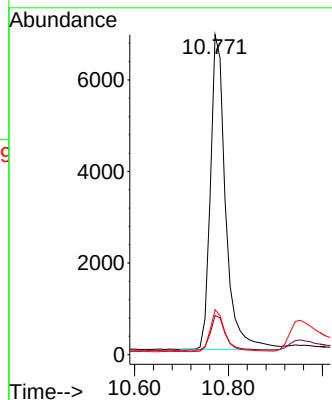
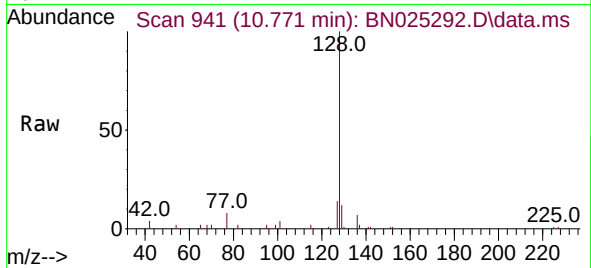




#9  
Naphthalene  
Concen: 0.455 ng  
RT: 10.771 min Scan# 941  
Delta R.T. 0.000 min  
Lab File: BN025292.D  
Acq: 05 May 2023 23:12

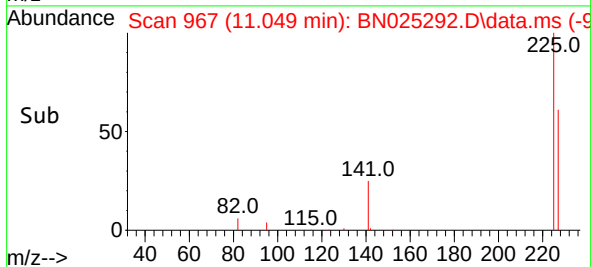
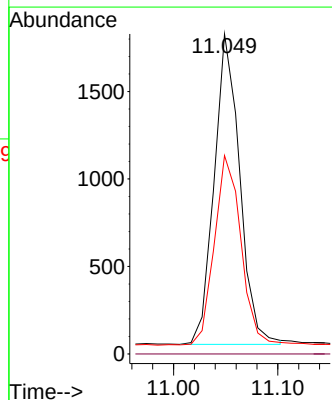
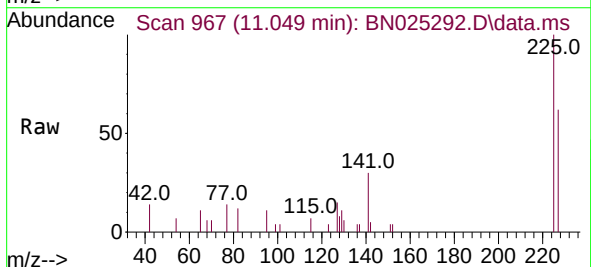
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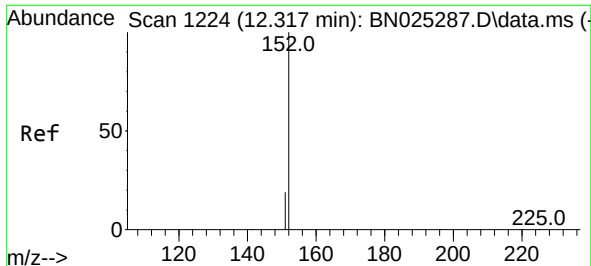
Tgt Ion:128 Resp: 15420  
Ion Ratio Lower Upper  
128 100  
129 12.2 9.4 14.2  
127 14.1 11.0 16.6



#10  
Hexachlorobutadiene  
Concen: 0.470 ng  
RT: 11.049 min Scan# 967  
Delta R.T. 0.000 min  
Lab File: BN025292.D  
Acq: 05 May 2023 23:12

Tgt Ion:225 Resp: 3016  
Ion Ratio Lower Upper  
225 100  
223 0.0 0.0 0.0  
227 63.8 49.8 74.8





#11

2-Methylnaphthalene-d10

Concen: 0.464 ng

RT: 12.321 min Scan# 11

Delta R.T. 0.004 min

Lab File: BN025292.D

Acq: 05 May 2023 23:12

Instrument :

BNA\_N

ClientSampleId :

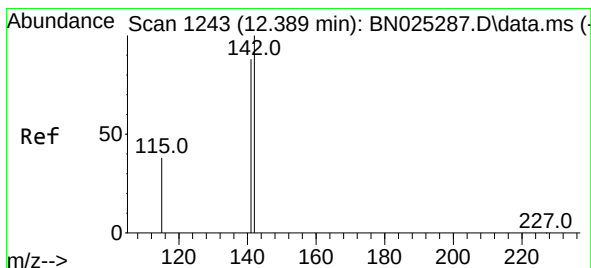
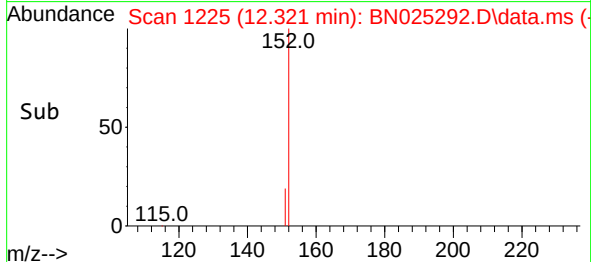
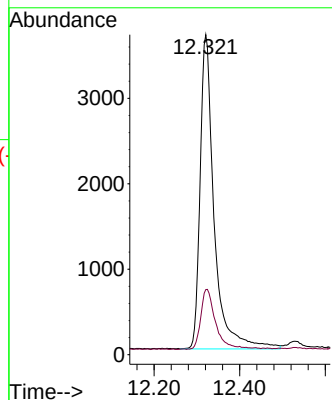
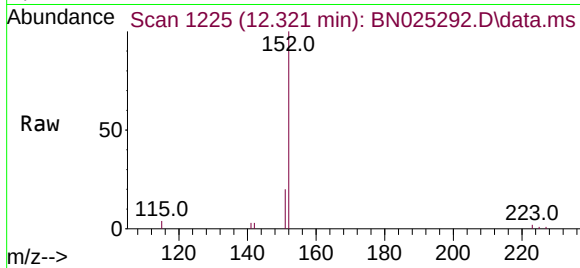
ICVBN050623

Tgt Ion:152 Resp: 8380

Ion Ratio Lower Upper

152 100

151 20.2 16.4 24.6



#12

2-Methylnaphthalene

Concen: 0.450 ng

RT: 12.396 min Scan# 1245

Delta R.T. 0.008 min

Lab File: BN025292.D

Acq: 05 May 2023 23:12

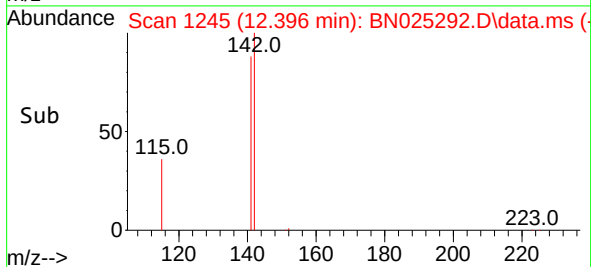
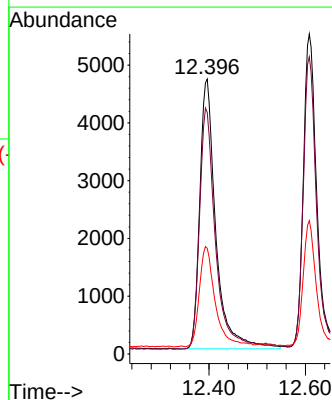
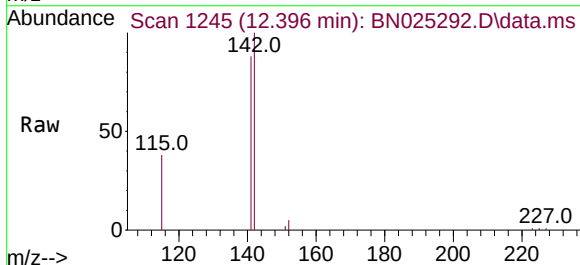
Tgt Ion:142 Resp: 10801

Ion Ratio Lower Upper

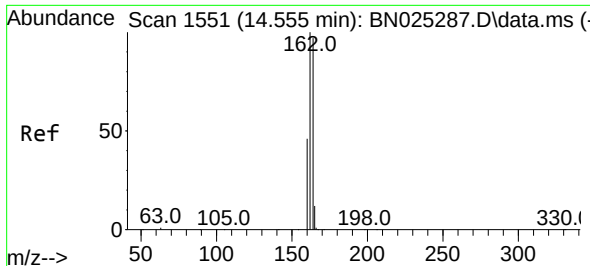
142 100

141 87.9 70.5 105.7

115 38.4 31.6 47.4



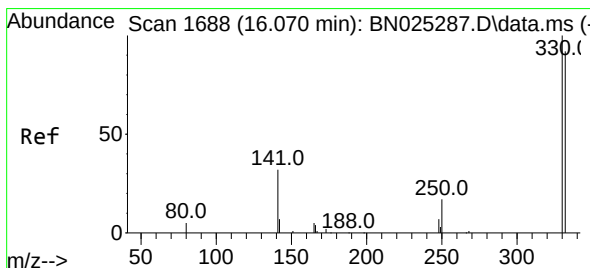
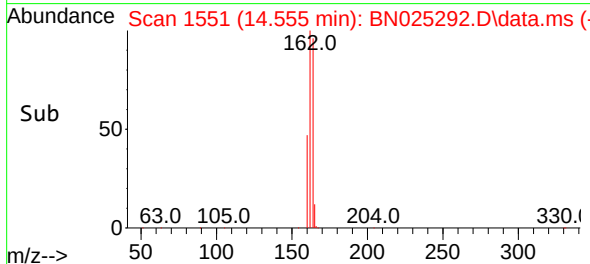
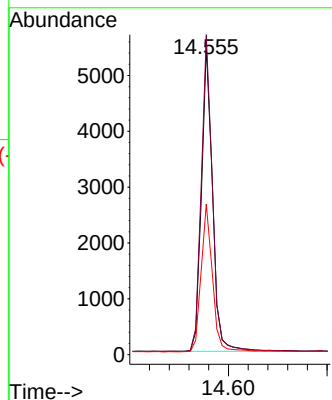
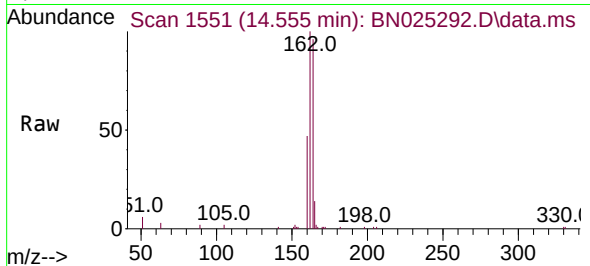




#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.555 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BN025292.D  
Acq: 05 May 2023 23:12

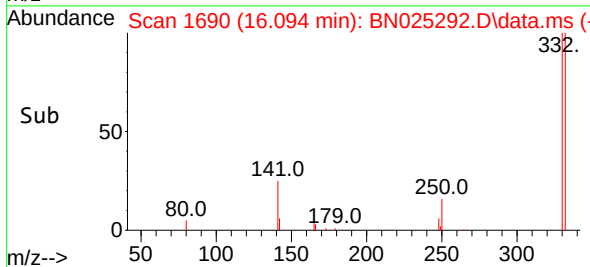
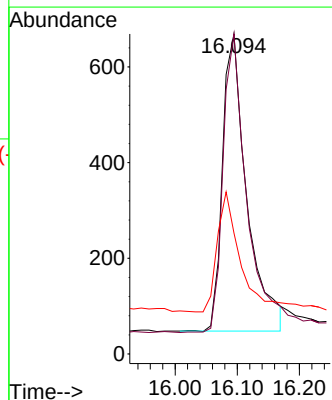
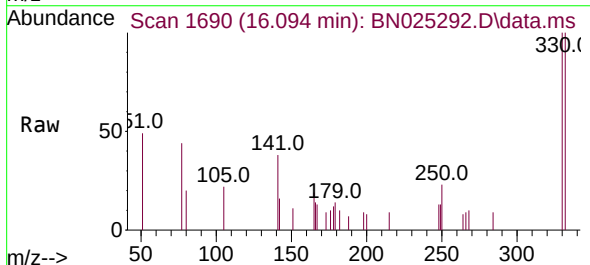
Instrument :  
BNA\_N  
ClientSampleId :  
ICVBN050623

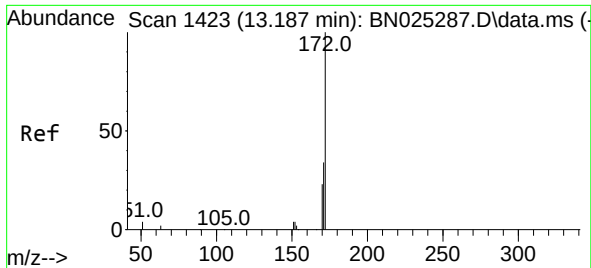
Tgt Ion:164 Resp: 8511  
Ion Ratio Lower Upper  
164 100  
162 103.9 82.1 123.1  
160 48.9 38.3 57.5



#14  
2,4,6-Tribromophenol  
Concen: 0.387 ng  
RT: 16.094 min Scan# 1690  
Delta R.T. 0.025 min  
Lab File: BN025292.D  
Acq: 05 May 2023 23:12

Tgt Ion:330 Resp: 1685  
Ion Ratio Lower Upper  
330 100  
332 98.2 77.4 116.0  
141 38.1 28.9 43.3

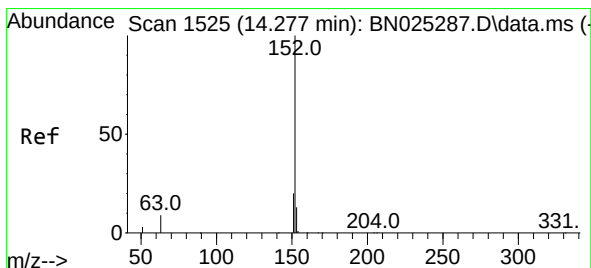
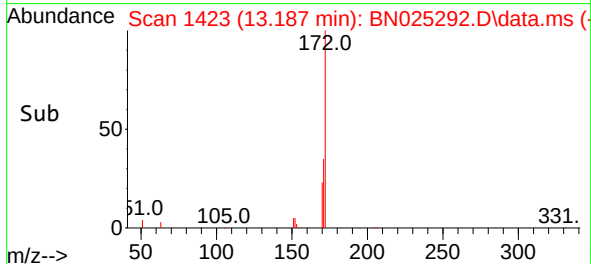
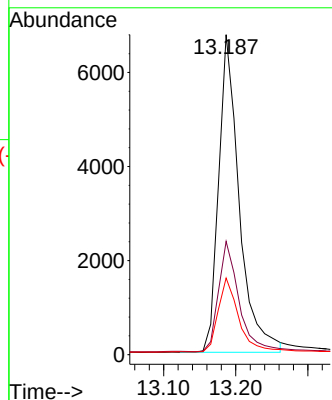
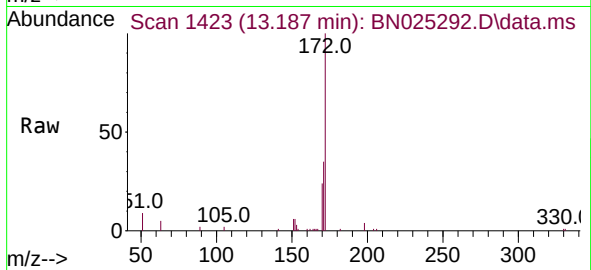




#15  
2-Fluorobiphenyl  
Concen: 0.458 ng  
RT: 13.187 min Scan# 1423  
Delta R.T. 0.000 min  
Lab File: BN025292.D  
Acq: 05 May 2023 23:12

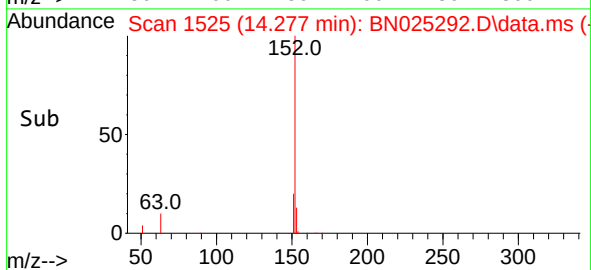
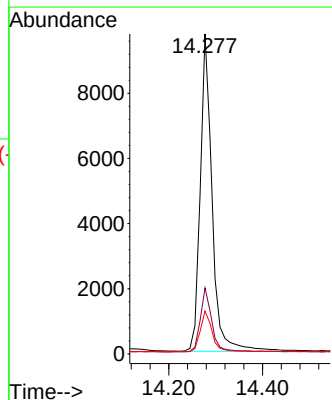
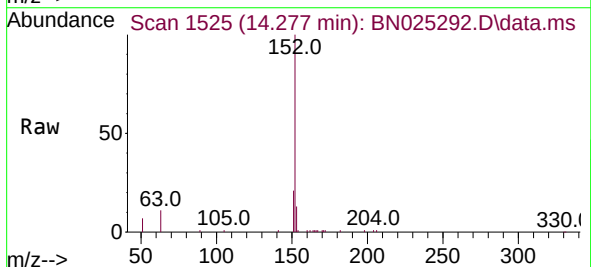
Instrument :  
BNA\_N  
ClientSampleId :  
ICVBN050623

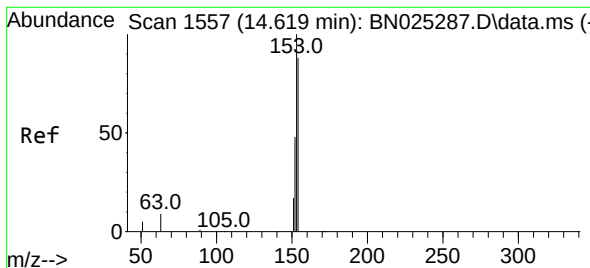
Tgt Ion:172 Resp: 13359  
Ion Ratio Lower Upper  
172 100  
171 35.4 27.9 41.9  
170 24.0 19.0 28.4



#16  
Acenaphthylene  
Concen: 0.448 ng  
RT: 14.277 min Scan# 1525  
Delta R.T. 0.000 min  
Lab File: BN025292.D  
Acq: 05 May 2023 23:12

Tgt Ion:152 Resp: 17062  
Ion Ratio Lower Upper  
152 100  
151 19.4 16.1 24.1  
153 13.3 10.3 15.5





#17

Acenaphthene

Concen: 0.465 ng

RT: 14.619 min Scan# 11

Delta R.T. 0.000 min

Lab File: BN025292.D

Acq: 05 May 2023 23:12

Instrument :

BNA\_N

ClientSampleId :

ICVBN050623

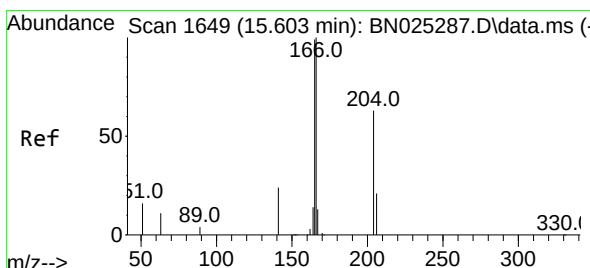
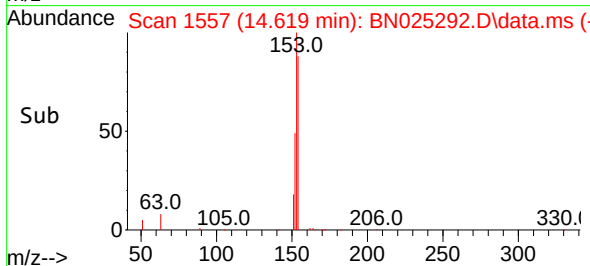
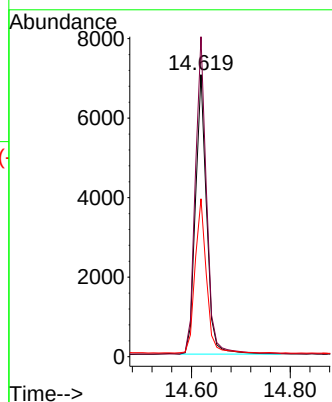
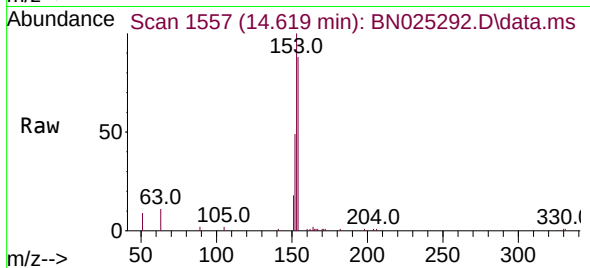
Tgt Ion:154 Resp: 11011

Ion Ratio Lower Upper

154 100

153 115.1 91.3 136.9

152 56.1 44.7 67.1



#18

Fluorene

Concen: 0.468 ng

RT: 15.613 min Scan# 1650

Delta R.T. 0.011 min

Lab File: BN025292.D

Acq: 05 May 2023 23:12

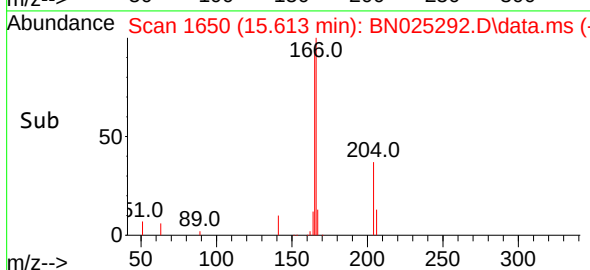
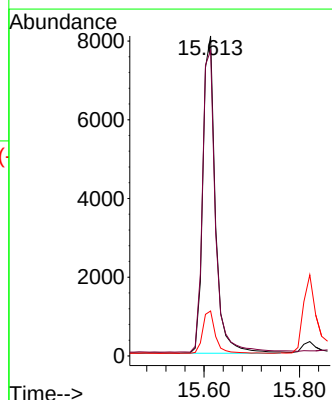
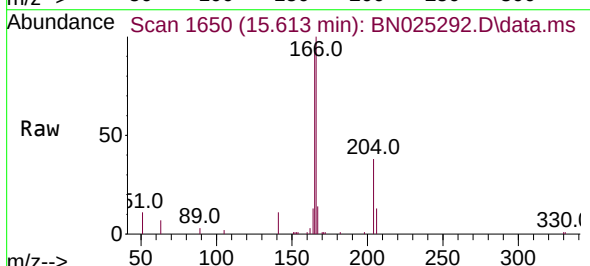
Tgt Ion:166 Resp: 15212

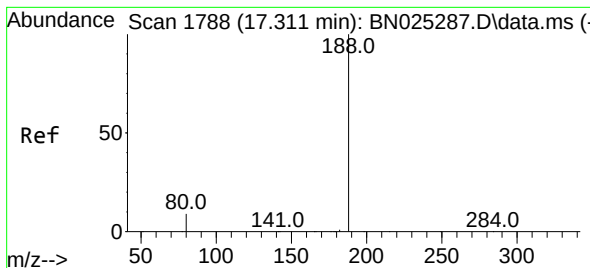
Ion Ratio Lower Upper

166 100

165 97.9 79.0 118.4

167 13.2 10.3 15.5





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.311 min Scan# 11

Delta R.T. 0.000 min

Lab File: BN025292.D

Acq: 05 May 2023 23:12

Instrument :

BNA\_N

ClientSampleId :

ICVBN050623

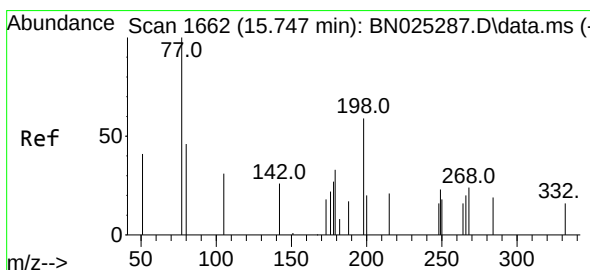
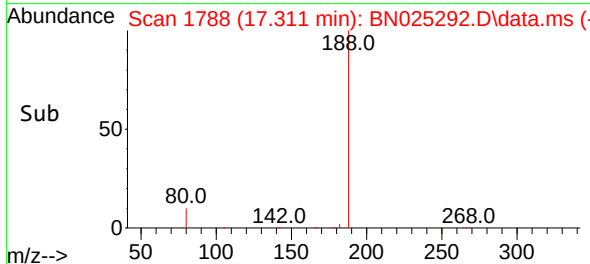
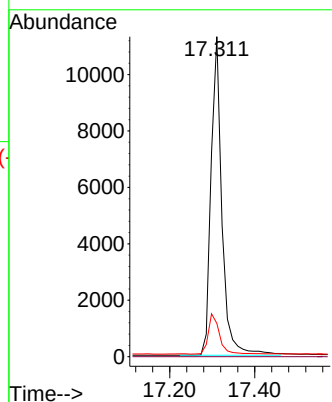
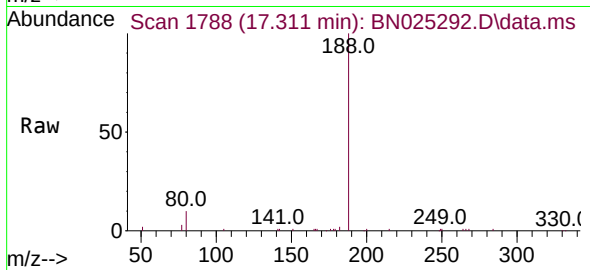
Tgt Ion:188 Resp: 20100

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 10.4 8.0 12.0



#20

4,6-Dinitro-2-methylphenol

Concen: 0.383 ng

RT: 15.809 min Scan# 1667

Delta R.T. 0.062 min

Lab File: BN025292.D

Acq: 05 May 2023 23:12

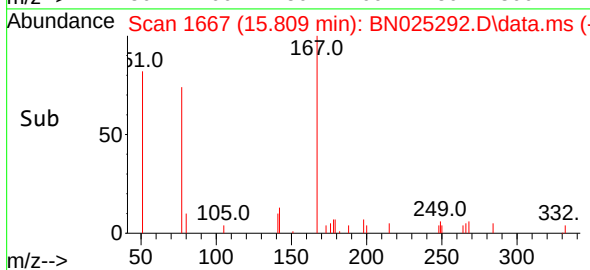
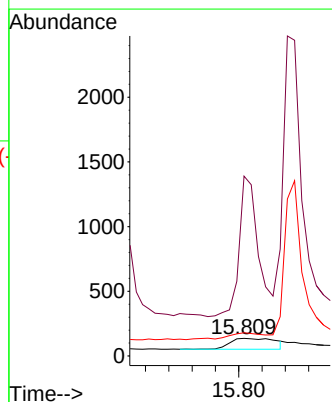
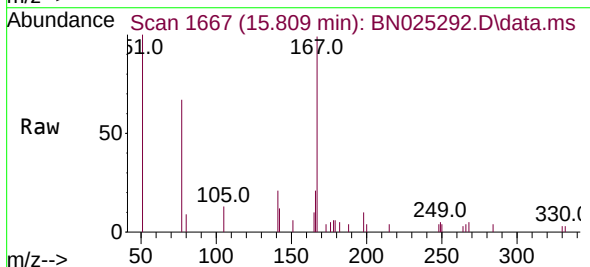
Tgt Ion:198 Resp: 452

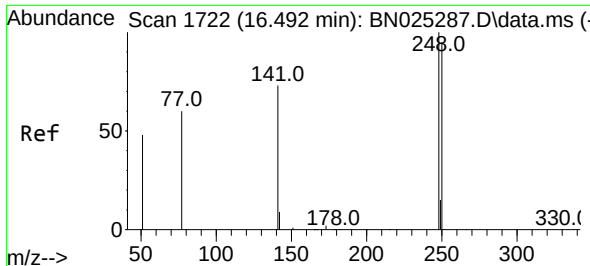
Ion Ratio Lower Upper

198 100

51 1022.8 162.1 243.1#

105 131.6 83.1 124.7#

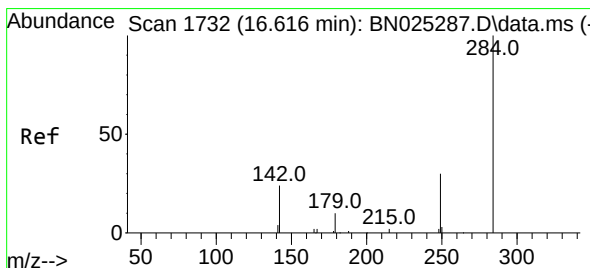
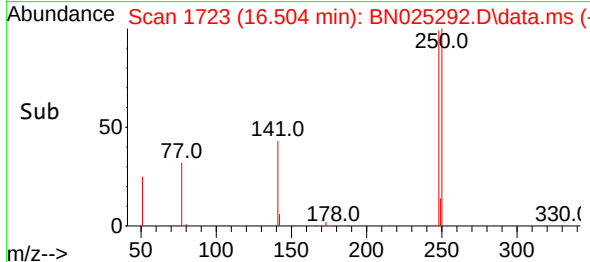
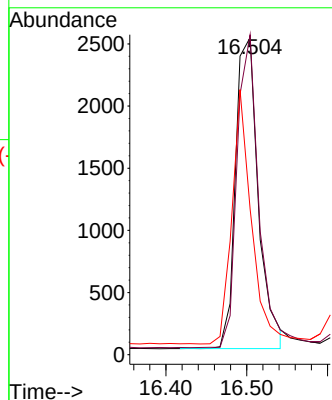
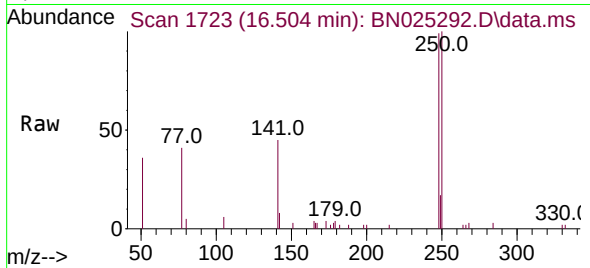




#21  
4-Bromophenyl-phenylether  
Concen: 0.437 ng  
RT: 16.504 min Scan# 1723  
Delta R.T. 0.012 min  
Lab File: BN025292.D  
Acq: 05 May 2023 23:12

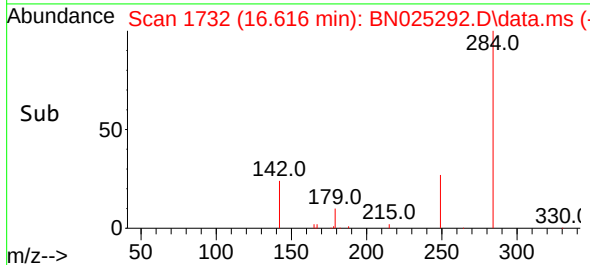
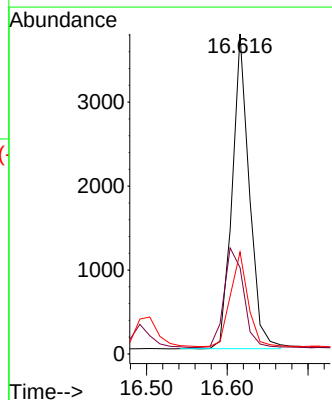
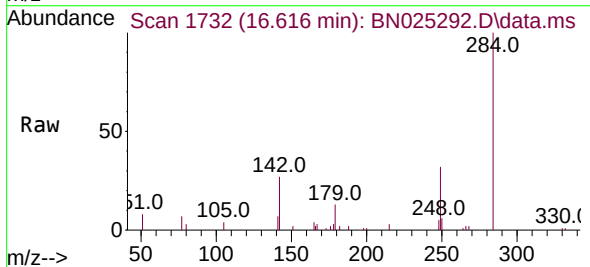
Instrument :  
BNA\_N  
ClientSampleId :  
ICVBN050623

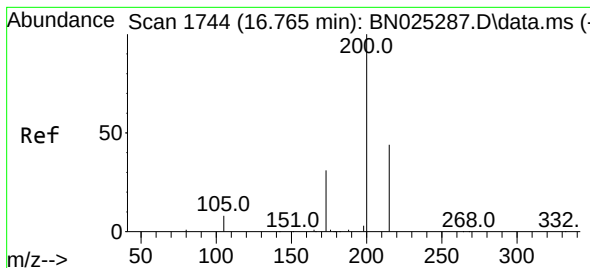
Tgt Ion:248 Resp: 4901  
Ion Ratio Lower Upper  
248 100  
250 100.9 76.0 114.0  
141 45.9 59.9 89.9#



#22  
Hexachlorobenzene  
Concen: 0.457 ng  
RT: 16.616 min Scan# 1732  
Delta R.T. 0.000 min  
Lab File: BN025292.D  
Acq: 05 May 2023 23:12

Tgt Ion:284 Resp: 5533  
Ion Ratio Lower Upper  
284 100  
142 36.3 30.0 45.0  
249 30.7 25.0 37.6





#23

Atrazine

Concen: 0.425 ng

RT: 16.777 min Scan# 1779

Delta R.T. 0.012 min

Lab File: BN025292.D

Acq: 05 May 2023 23:12

Instrument :

BNA\_N

ClientSampleId :

ICVBN050623

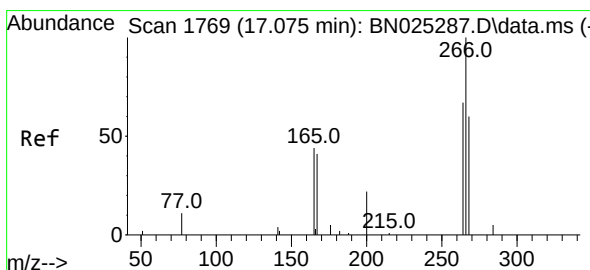
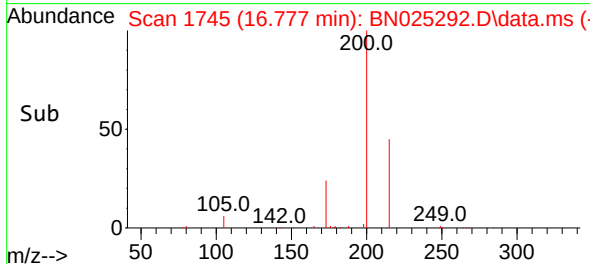
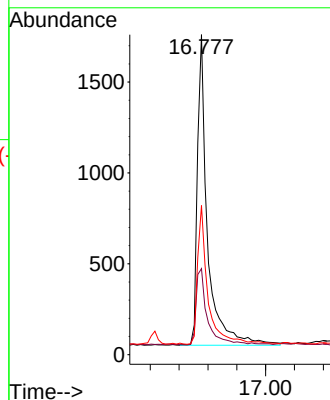
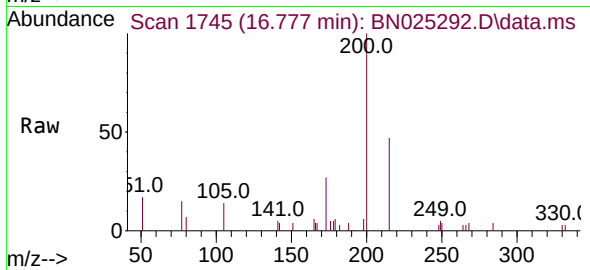
Tgt Ion:200 Resp: 4167

Ion Ratio Lower Upper

200 100

173 26.9 26.3 39.5

215 46.6 37.2 55.8



#24

Pentachlorophenol

Concen: 0.335 ng

RT: 17.199 min Scan# 1779

Delta R.T. 0.124 min

Lab File: BN025292.D

Acq: 05 May 2023 23:12

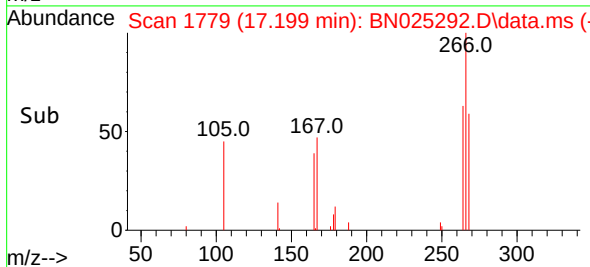
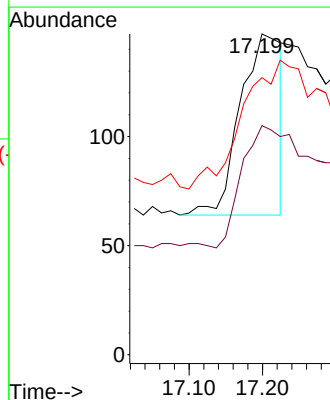
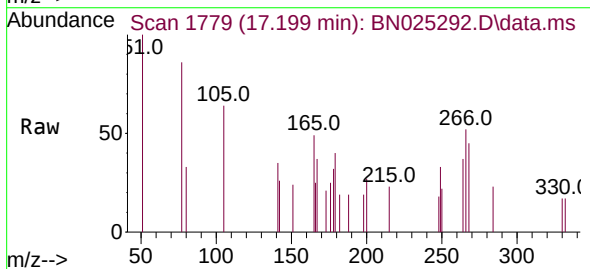
Tgt Ion:266 Resp: 322

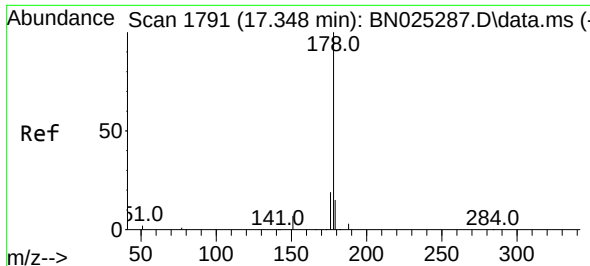
Ion Ratio Lower Upper

266 100

264 64.0 43.0 64.4

268 0.0 47.4 71.2#

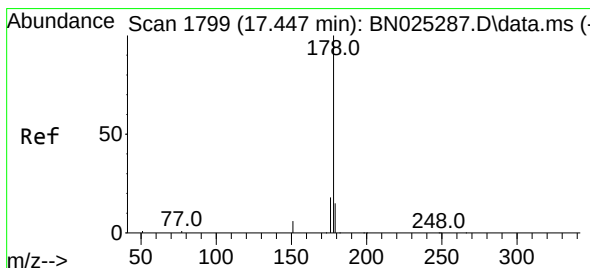
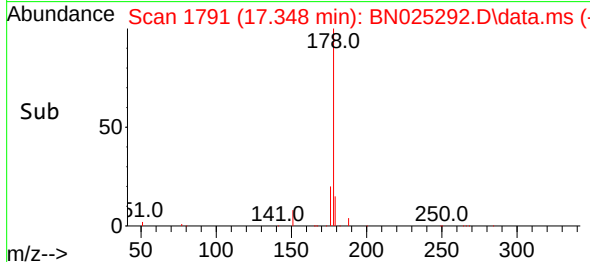
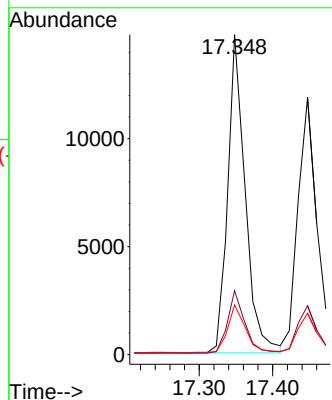
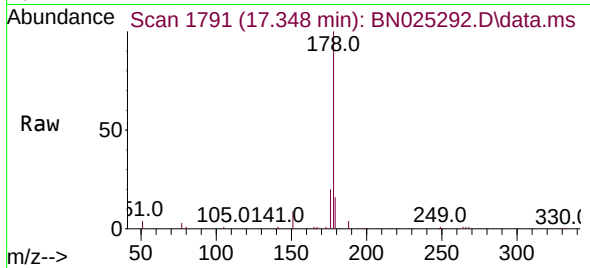




#25  
Phenanthrene  
Concen: 0.439 ng  
RT: 17.348 min Scan# 1791  
Delta R.T. 0.000 min  
Lab File: BN025292.D  
Acq: 05 May 2023 23:12

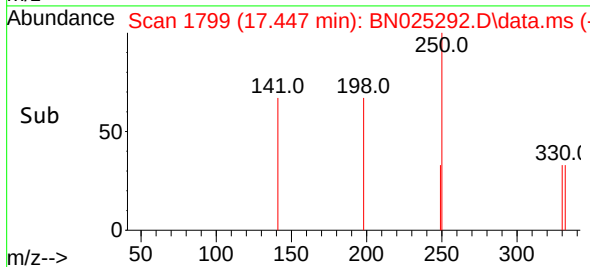
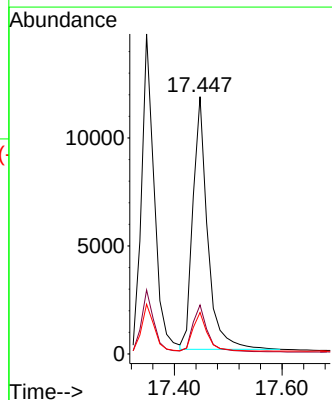
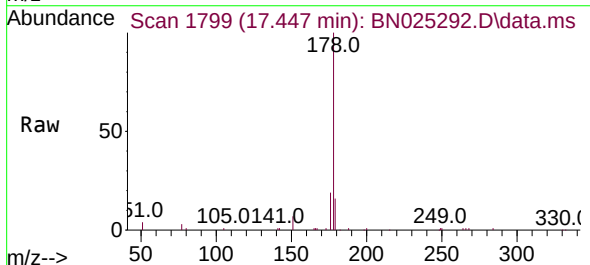
Instrument :  
BNA\_N  
ClientSampleId :  
ICVBN050623

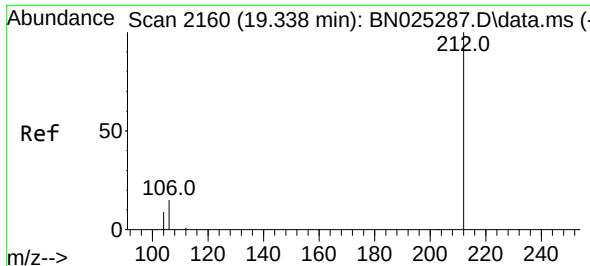
Tgt Ion:178 Resp: 24388  
Ion Ratio Lower Upper  
178 100  
176 19.4 15.5 23.3  
179 15.2 12.4 18.6



#26  
Anthracene  
Concen: 0.426 ng  
RT: 17.447 min Scan# 1799  
Delta R.T. 0.000 min  
Lab File: BN025292.D  
Acq: 05 May 2023 23:12

Tgt Ion:178 Resp: 22171  
Ion Ratio Lower Upper  
178 100  
176 18.5 14.9 22.3  
179 15.2 12.0 18.0

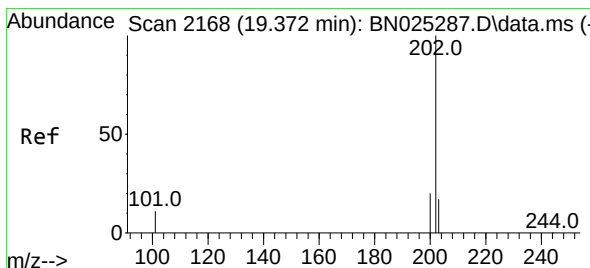
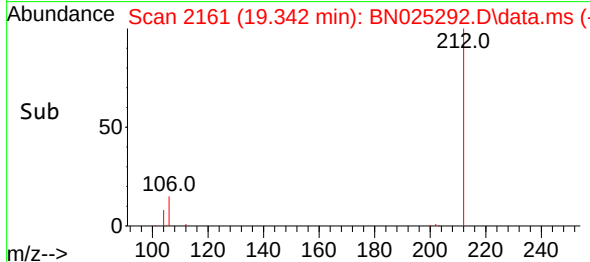
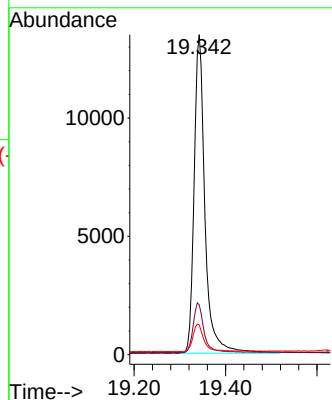
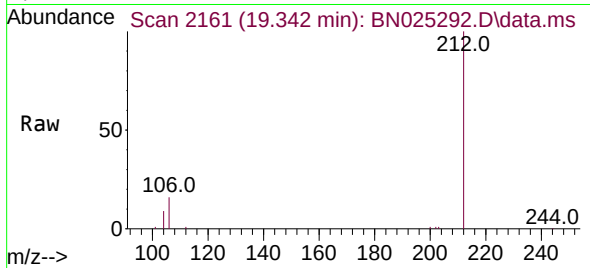




#27  
Fluoranthene-d10  
Concen: 0.447 ng  
RT: 19.342 min Scan# 2161  
Delta R.T. 0.004 min  
Lab File: BN025292.D  
Acq: 05 May 2023 23:12

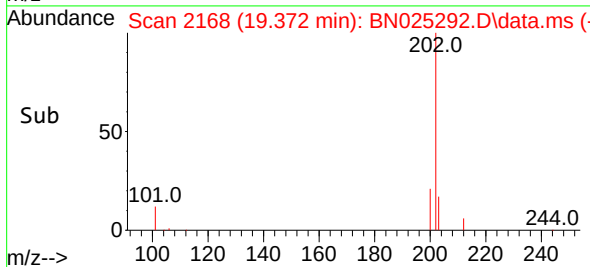
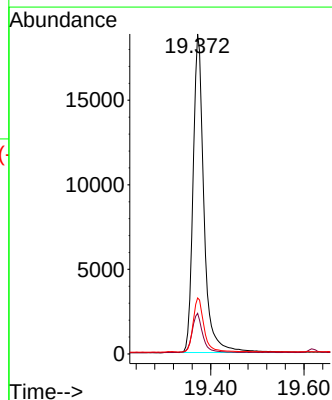
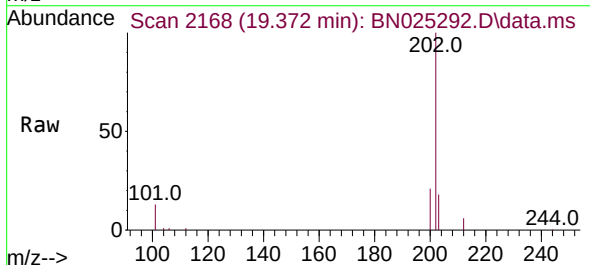
Instrument :  
BNA\_N  
ClientSampleId :  
ICVBN050623

Tgt Ion:212 Resp: 22244  
Ion Ratio Lower Upper  
212 100  
106 15.6 12.6 19.0  
104 8.6 7.0 10.6

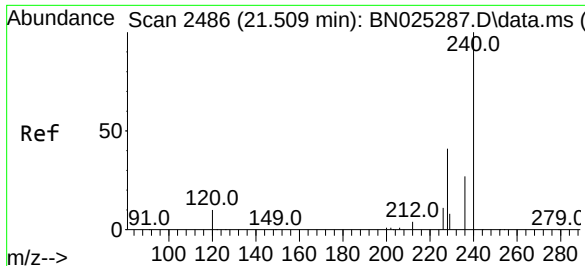


#28  
Fluoranthene  
Concen: 0.439 ng  
RT: 19.372 min Scan# 2168  
Delta R.T. 0.000 min  
Lab File: BN025292.D  
Acq: 05 May 2023 23:12

Tgt Ion:202 Resp: 30500  
Ion Ratio Lower Upper  
202 100  
101 12.3 9.8 14.8  
203 16.9 13.5 20.3



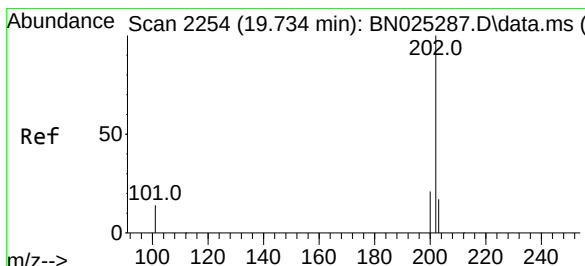
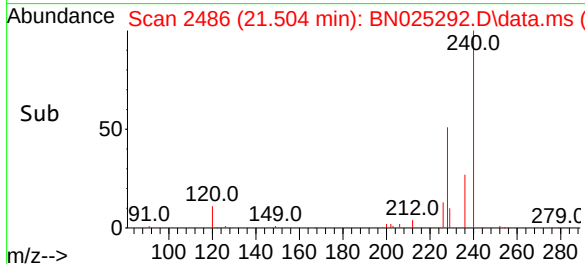
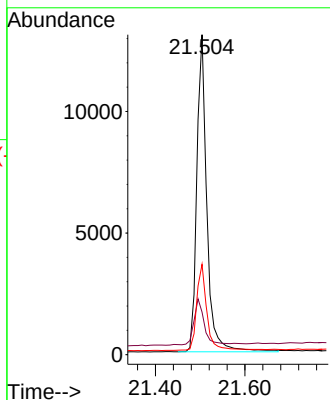
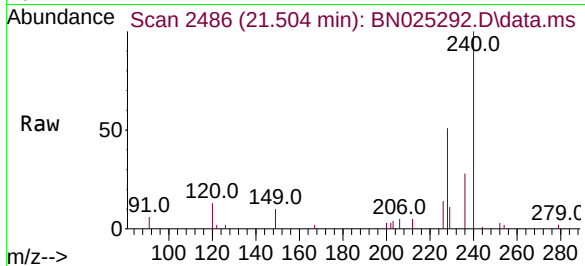




#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.504 min Scan# 2486  
Delta R.T. -0.005 min  
Lab File: BN025292.D  
Acq: 05 May 2023 23:12

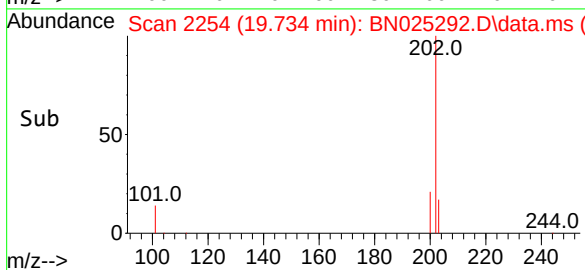
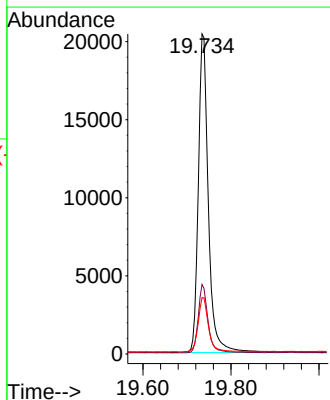
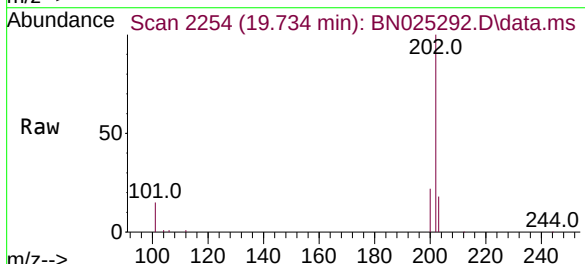
Instrument :  
BNA\_N  
ClientSampleId :  
ICVBN050623

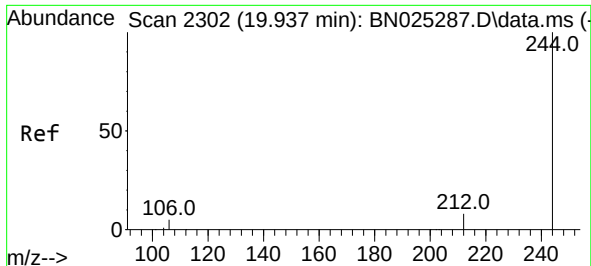
Tgt Ion:240 Resp: 20311  
Ion Ratio Lower Upper  
240 100  
120 13.3 10.3 15.5  
236 28.3 22.3 33.5



#30  
Pyrene  
Concen: 0.461 ng  
RT: 19.734 min Scan# 2254  
Delta R.T. 0.000 min  
Lab File: BN025292.D  
Acq: 05 May 2023 23:12

Tgt Ion:202 Resp: 32041  
Ion Ratio Lower Upper  
202 100  
200 21.1 16.8 25.2  
203 17.9 14.4 21.6

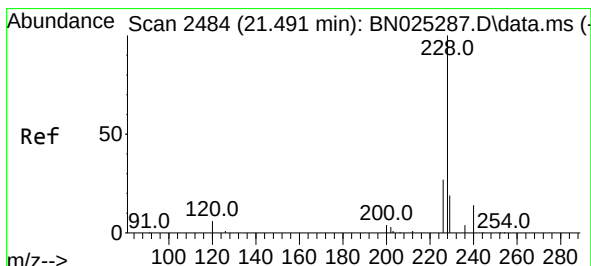
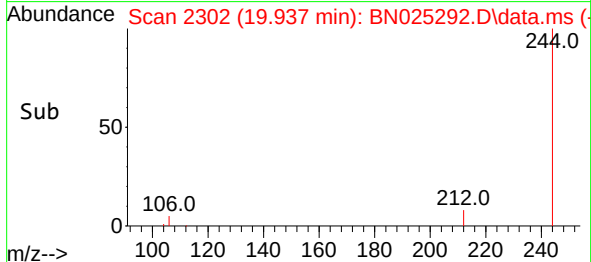
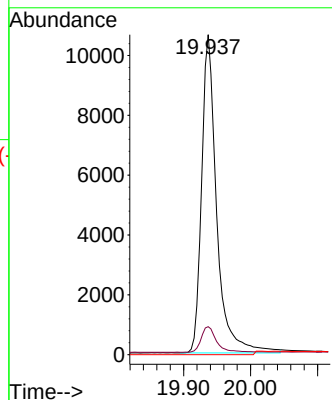
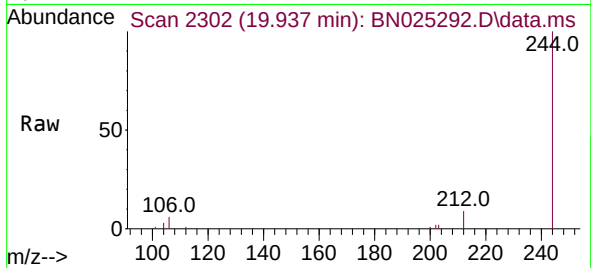




#31  
 Terphenyl-d14  
 Concen: 0.460 ng  
 RT: 19.937 min Scan# 21  
 Delta R.T. 0.000 min  
 Lab File: BN025292.D  
 Acq: 05 May 2023 23:12

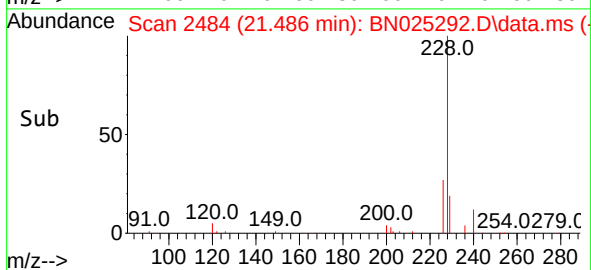
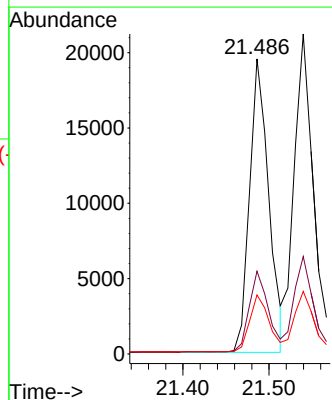
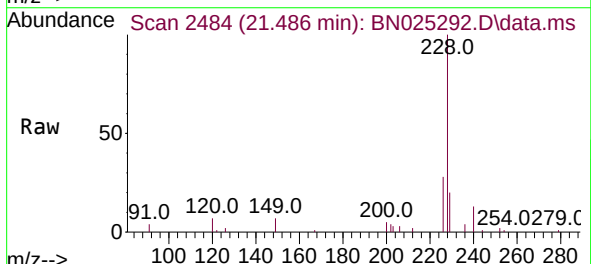
Instrument :  
 BNA\_N  
 ClientSampleId :  
 ICVBN050623

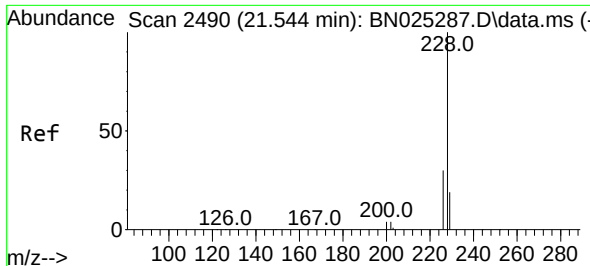
Tgt Ion:244 Resp: 18854  
 Ion Ratio Lower Upper  
 244 100  
 212 8.8 7.1 10.7  
 122 0.0 0.0 0.0



#32  
 Benzo(a)anthracene  
 Concen: 0.440 ng  
 RT: 21.486 min Scan# 2484  
 Delta R.T. -0.005 min  
 Lab File: BN025292.D  
 Acq: 05 May 2023 23:12

Tgt Ion:228 Resp: 30197  
 Ion Ratio Lower Upper  
 228 100  
 226 28.0 22.5 33.7  
 229 20.0 16.2 24.2





#33

Chrysene

Concen: 0.484 ng

RT: 21.540 min Scan# 2490

Delta R.T. -0.005 min

Lab File: BN025292.D

Acq: 05 May 2023 23:12

Instrument :

BNA\_N

ClientSampleId :

ICVBN050623

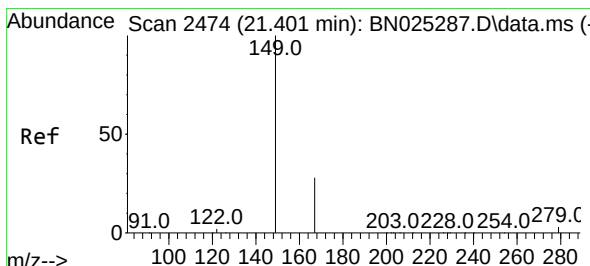
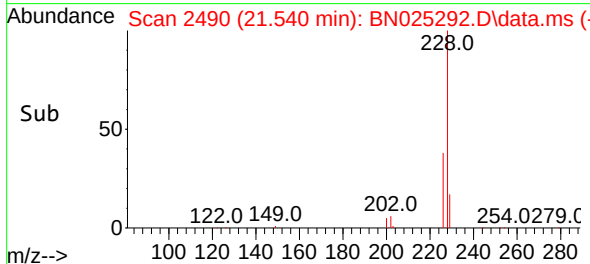
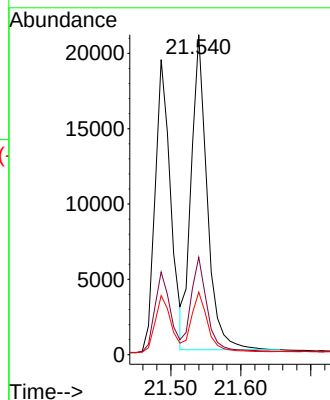
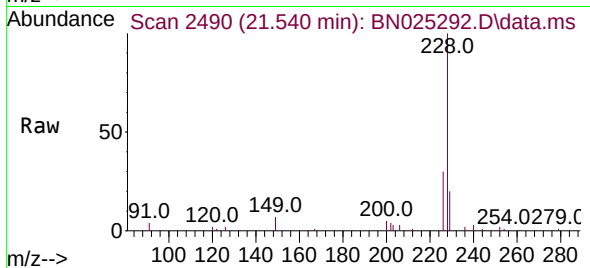
Tgt Ion:228 Resp: 33052

Ion Ratio Lower Upper

228 100

226 30.4 24.6 36.8

229 19.6 16.2 24.4



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.438 ng

RT: 21.396 min Scan# 2474

Delta R.T. -0.005 min

Lab File: BN025292.D

Acq: 05 May 2023 23:12

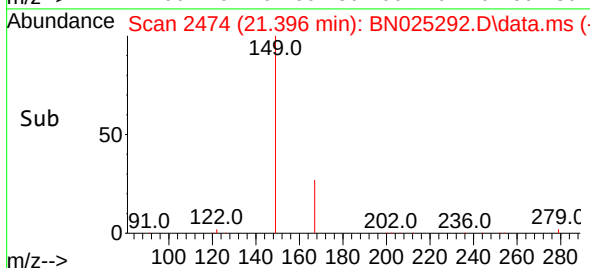
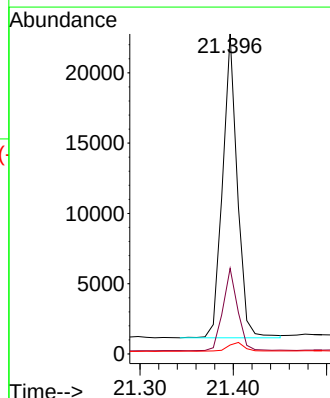
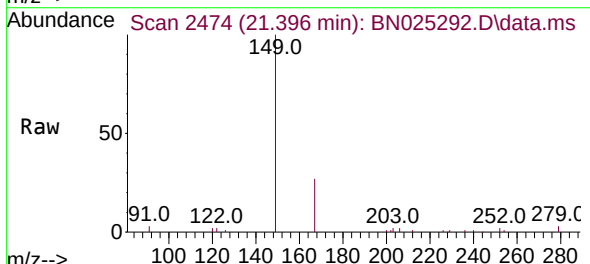
Tgt Ion:149 Resp: 23603

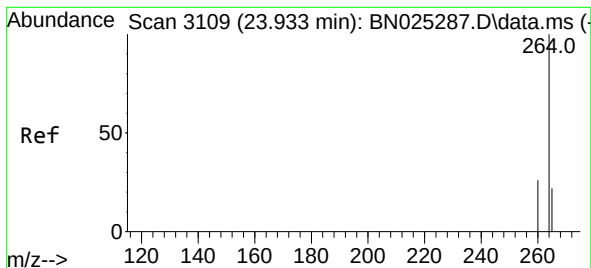
Ion Ratio Lower Upper

149 100

167 27.3 22.2 33.4

279 3.5 2.6 4.0





#35

Perylene-d12

Concen: 0.400 ng

RT: 23.941 min Scan# 3111

Delta R.T. 0.007 min

Lab File: BN025292.D

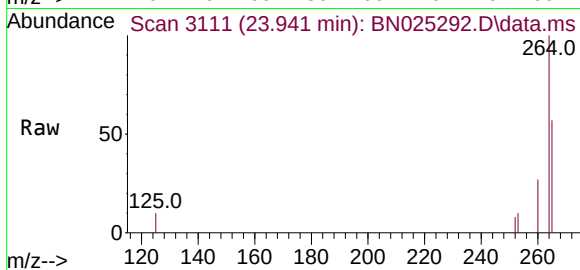
Acq: 05 May 2023 23:12

Instrument :

BNA\_N

ClientSampleId :

ICVBN050623



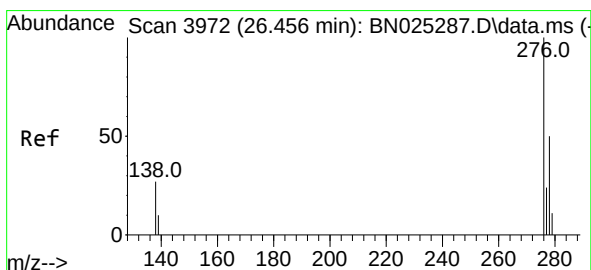
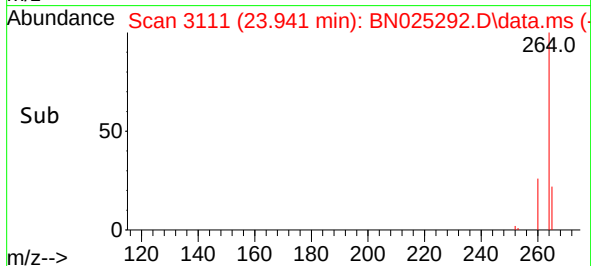
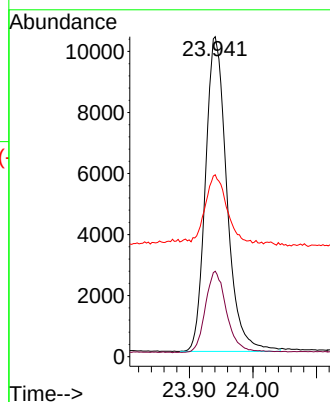
Tgt Ion:264 Resp: 24187

Ion Ratio Lower Upper

264 100

260 26.7 21.5 32.3

265 56.8 46.2 69.4



#36

Indeno(1,2,3-cd)pyrene

Concen: 0.440 ng

RT: 26.490 min Scan# 3983

Delta R.T. 0.034 min

Lab File: BN025292.D

Acq: 05 May 2023 23:12

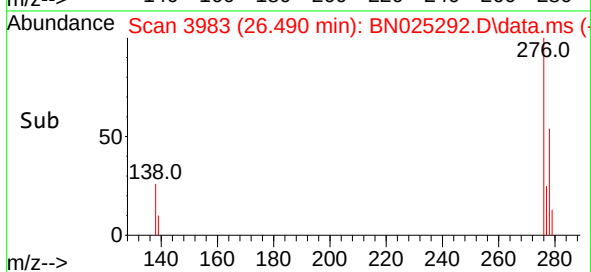
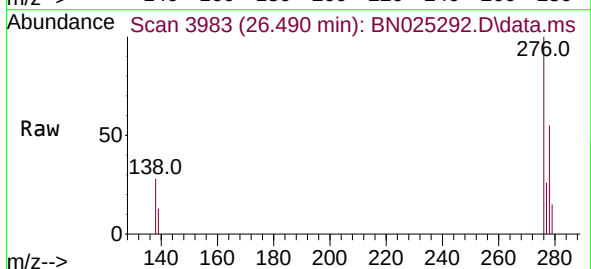
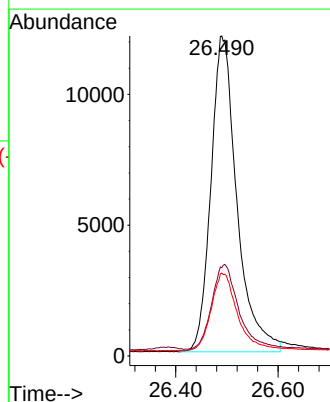
Tgt Ion:276 Resp: 42622

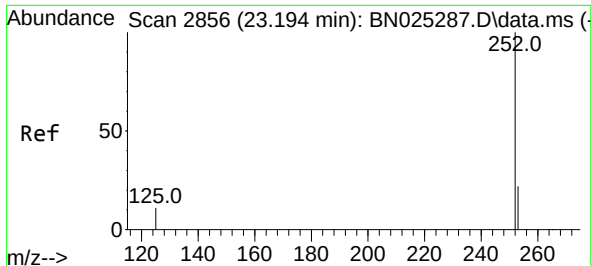
Ion Ratio Lower Upper

276 100

138 27.6 22.5 33.7

277 24.7 19.8 29.6

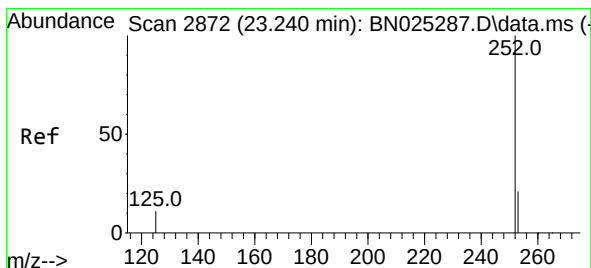
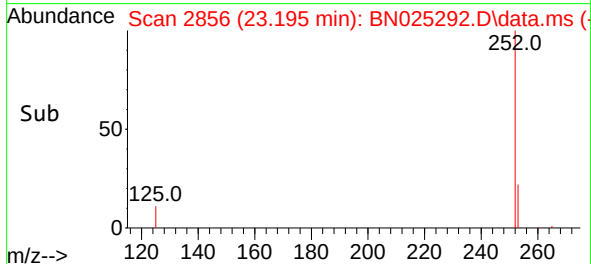
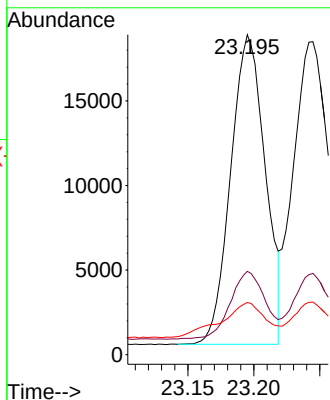
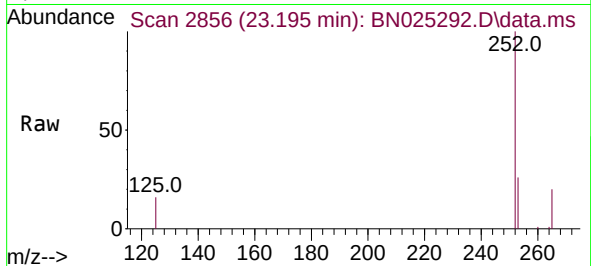




#37  
Benzo(b)fluoranthene  
Concen: 0.434 ng  
RT: 23.195 min Scan# 2856  
Delta R.T. 0.001 min  
Lab File: BN025292.D  
Acq: 05 May 2023 23:12

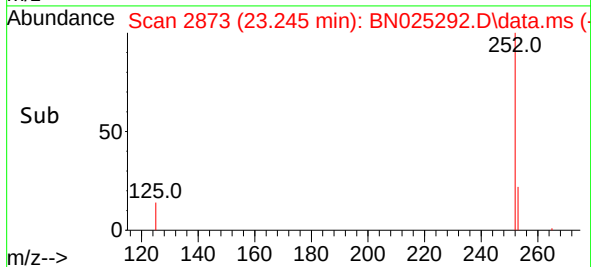
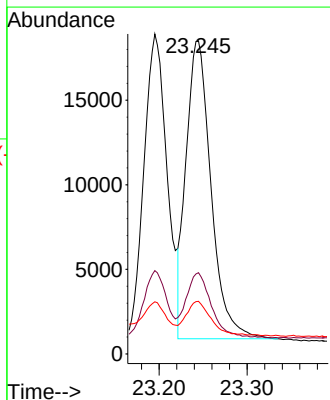
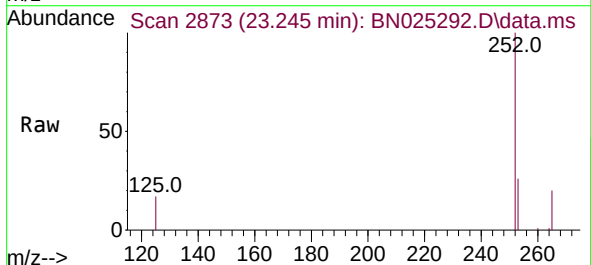
Instrument :  
BNA\_N  
ClientSampleId :  
ICVBN050623

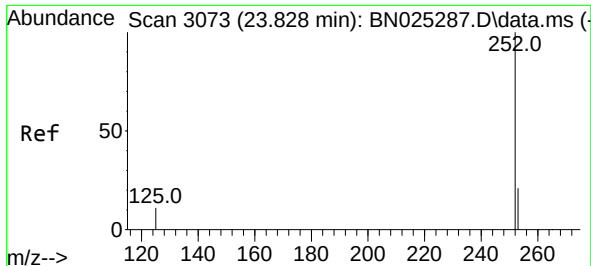
Tgt Ion:252 Resp: 33258  
Ion Ratio Lower Upper  
252 100  
253 26.1 20.8 31.2  
125 16.3 13.4 20.2



#38  
Benzo(k)fluoranthene  
Concen: 0.434 ng  
RT: 23.245 min Scan# 2873  
Delta R.T. 0.004 min  
Lab File: BN025292.D  
Acq: 05 May 2023 23:12

Tgt Ion:252 Resp: 34821  
Ion Ratio Lower Upper  
252 100  
253 26.0 20.6 30.8  
125 16.8 13.1 19.7





#39

Benzo(a)pyrene

Concen: 0.449 ng

RT: 23.838 min Scan# 3073

Delta R.T. 0.010 min

Lab File: BN025292.D

Acq: 05 May 2023 23:12

Instrument :

BNA\_N

ClientSampleId :

ICVBN050623

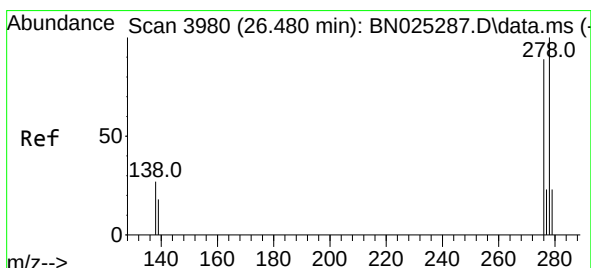
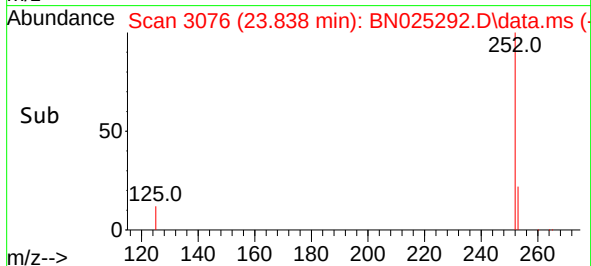
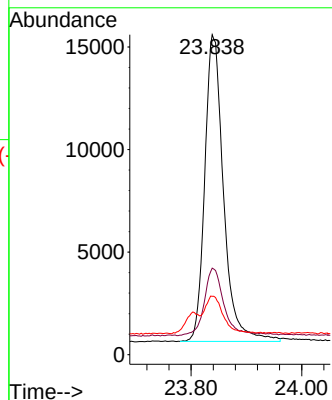
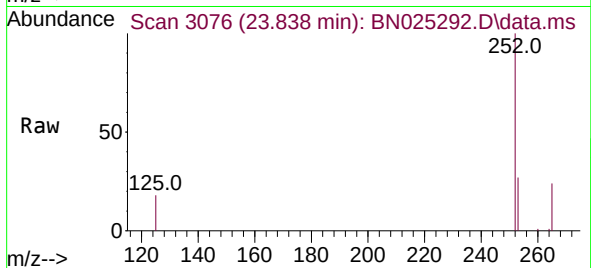
Tgt Ion:252 Resp: 35268

Ion Ratio Lower Upper

252 100

253 27.0 21.4 32.0

125 18.3 15.4 23.2



#40

Dibenzo(a,h)anthracene

Concen: 0.448 ng

RT: 26.505 min Scan# 3988

Delta R.T. 0.025 min

Lab File: BN025292.D

Acq: 05 May 2023 23:12

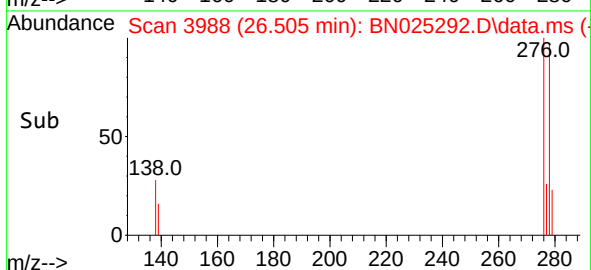
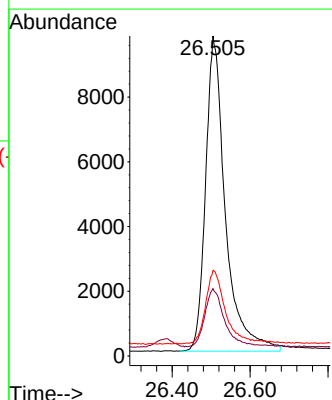
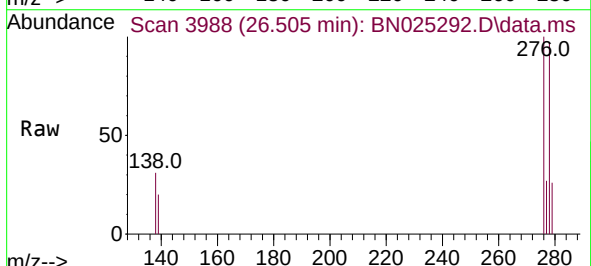
Tgt Ion:278 Resp: 34269

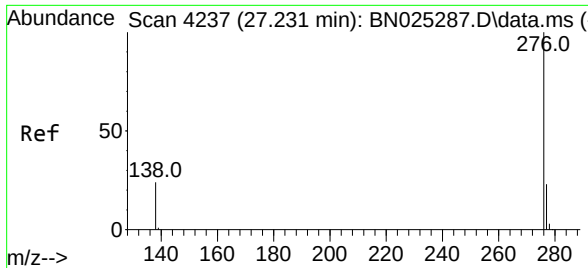
Ion Ratio Lower Upper

278 100

139 21.1 17.6 26.4

279 26.7 21.6 32.4





#41  
 Benzo(g,h,i)perylene  
 Concen: 0.446 ng  
 RT: 27.273 min Scan# 41  
 Delta R.T. 0.042 min  
 Lab File: BN025292.D  
 Acq: 05 May 2023 23:12

Instrument :  
 BNA\_N  
 ClientSampleId :  
 ICVBN050623

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 276   | Resp: | 37535 |
| Ion Ratio | Lower | Upper |       |
| 276       | 100   |       |       |
| 277       | 25.2  | 20.1  | 30.1  |
| 138       | 26.0  | 21.0  | 31.6  |

