

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN011823\  
 Data File : BN023708.D  
 Acq On : 18 Jan 2023 18:08  
 Operator : CG/JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC0.4EC

Quant Time: Jan 19 06:54:40 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN011823.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jan 19 01:19:57 2023  
 Response via : Initial Calibration

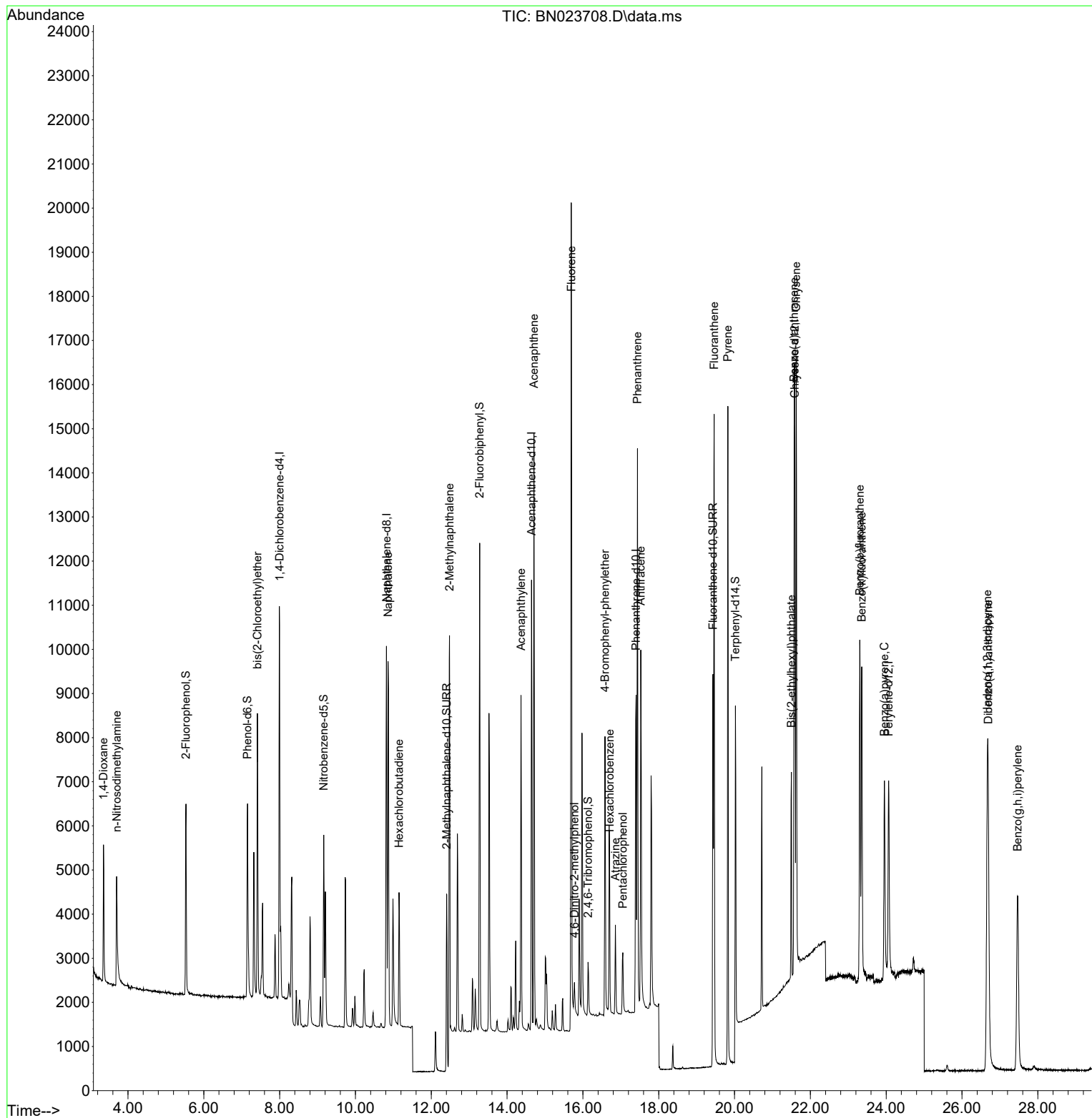
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.999  | 152  | 4251     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.818 | 136  | 10855    | 0.400 | ng    | 0.01     |
| 13) Acenaphthene-d10          | 14.645 | 164  | 5438     | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.402 | 188  | 11343    | 0.400 | ng    | # 0.01   |
| 29) Chrysene-d12              | 21.589 | 240  | 8444     | 0.400 | ng    | 0.00     |
| 35) Perylene-d12              | 24.065 | 264  | 6628     | 0.400 | ng    | 0.01     |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.529  | 112  | 3432     | 0.384 | ng    | 0.00     |
| 5) Phenol-d6                  | 7.154  | 99   | 3995     | 0.376 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 9.164  | 82   | 3362     | 0.392 | ng    | 0.01     |
| 11) 2-Methylnaphthalene-d10   | 12.405 | 152  | 6235     | 0.416 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 16.136 | 330  | 781      | 0.338 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 13.276 | 172  | 8977     | 0.387 | ng    | 0.01     |
| 27) Fluoranthene-d10          | 19.431 | 212  | 9632     | 0.362 | ng    | 0.00     |
| 31) Terphenyl-d14             | 20.022 | 244  | 5696     | 0.428 | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       |          |
| 2) 1,4-Dioxane                | 3.355  | 88   | 1852     | 0.411 | ng    | 99       |
| 3) n-Nitrosodimethylamine     | 3.702  | 42   | 1988     | 0.377 | ng    | # 97     |
| 6) bis(2-Chloroethyl)ether    | 7.414  | 93   | 4492     | 0.410 | ng    | 100      |
| 9) Naphthalene                | 10.861 | 128  | 11207    | 0.399 | ng    | 99       |
| 10) Hexachlorobutadiene       | 11.149 | 225  | 2401     | 0.421 | ng    | # 99     |
| 12) 2-Methylnaphthalene       | 12.480 | 142  | 7460     | 0.378 | ng    | 99       |
| 16) Acenaphthylene            | 14.367 | 152  | 8101     | 0.366 | ng    | 100      |
| 17) Acenaphthene              | 14.709 | 154  | 5984     | 0.386 | ng    | 99       |
| 18) Fluorene                  | 15.693 | 166  | 8085     | 0.368 | ng    | 99       |
| 20) 4,6-Dinitro-2-methylph... | 15.776 | 198  | 576      | 0.358 | ng    | # 81     |
| 21) 4-Bromophenyl-phenylether | 16.583 | 248  | 2456     | 0.378 | ng    | # 81     |
| 22) Hexachlorobenzene         | 16.707 | 284  | 3157     | 0.397 | ng    | 100      |
| 23) Atrazine                  | 16.856 | 200  | 1584     | 0.341 | ng    | # 92     |
| 24) Pentachlorophenol         | 17.054 | 266  | 834      | 0.391 | ng    | 97       |
| 25) Phenanthrene              | 17.439 | 178  | 12611    | 0.382 | ng    | 100      |
| 26) Anthracene                | 17.526 | 178  | 9796     | 0.367 | ng    | 100      |
| 28) Fluoranthene              | 19.460 | 202  | 13036    | 0.362 | ng    | 100      |
| 30) Pyrene                    | 19.823 | 202  | 12936    | 0.414 | ng    | 99       |
| 32) Benzo(a)anthracene        | 21.571 | 228  | 9990     | 0.372 | ng    | 99       |
| 33) Chrysene                  | 21.625 | 228  | 12091    | 0.403 | ng    | 99       |
| 34) Bis(2-ethylhexyl)phtha... | 21.500 | 149  | 4537     | 0.379 | ng    | 100      |
| 36) Indeno(1,2,3-cd)pyrene    | 26.670 | 276  | 11207    | 0.378 | ng    | 99       |
| 37) Benzo(b)fluoranthene      | 23.305 | 252  | 10242    | 0.372 | ng    | 96       |
| 38) Benzo(k)fluoranthene      | 23.354 | 252  | 9793     | 0.352 | ng    | 98       |
| 39) Benzo(a)pyrene            | 23.954 | 252  | 7302     | 0.359 | ng    | 94       |
| 40) Dibenzo(a,h)anthracene    | 26.690 | 278  | 9072     | 0.381 | ng    | 97       |
| 41) Benzo(g,h,i)perylene      | 27.468 | 276  | 9240     | 0.366 | ng    | 98       |

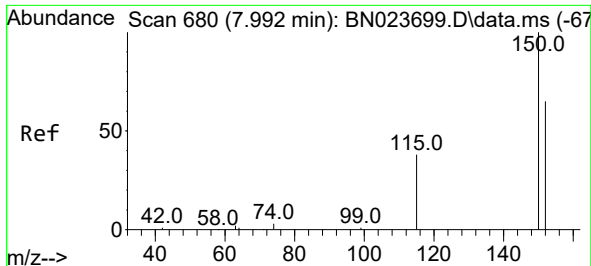
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QLast Update : Thu Jan 19 01:19:57 2023  
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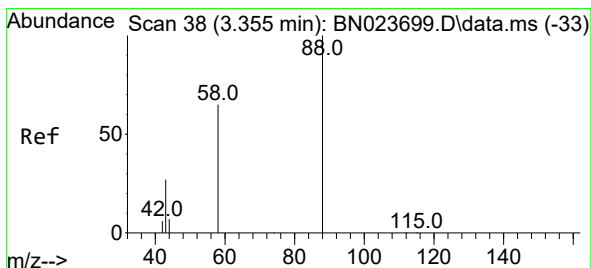
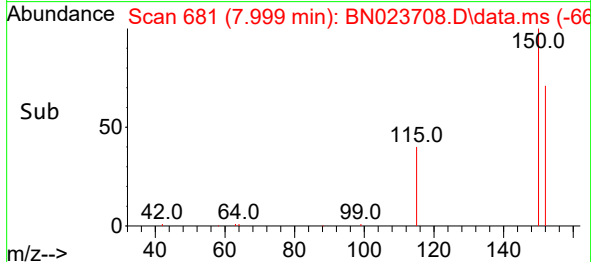
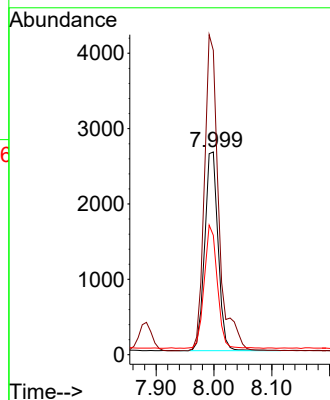
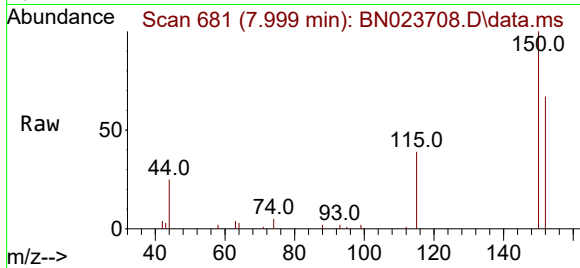




#1  
1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 7.999 min Scan# 61  
Delta R.T. 0.007 min  
Lab File: BN023708.D  
Acq: 18 Jan 2023 18:08

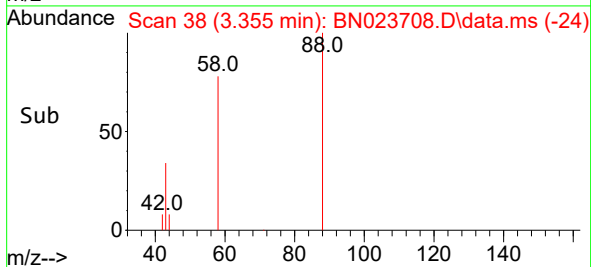
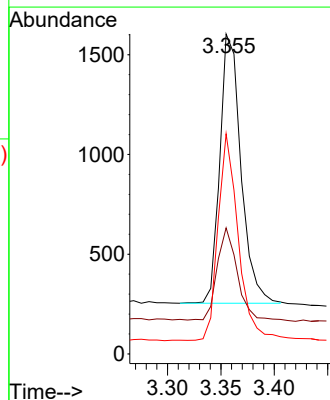
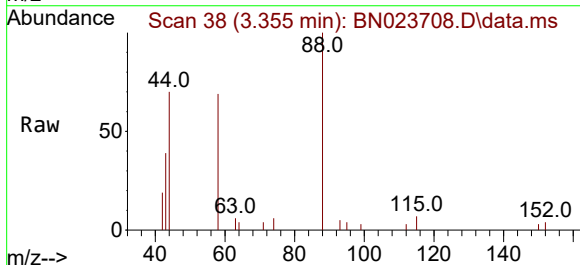
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

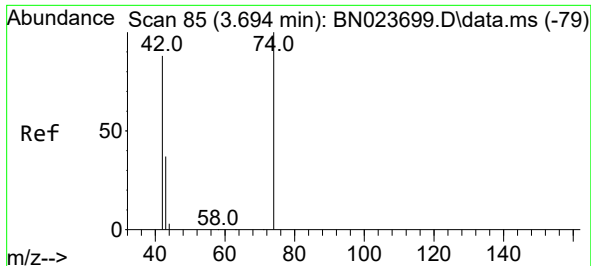
Tgt Ion:152 Resp: 4251  
Ion Ratio Lower Upper  
152 100  
150 150.1 122.4 183.6  
115 58.9 48.2 72.4



#2  
1,4-Dioxane  
Concen: 0.411 ng  
RT: 3.355 min Scan# 38  
Delta R.T. 0.000 min  
Lab File: BN023708.D  
Acq: 18 Jan 2023 18:08

Tgt Ion: 88 Resp: 1852  
Ion Ratio Lower Upper  
88 100  
43 32.2 26.8 40.2  
58 73.8 58.5 87.7

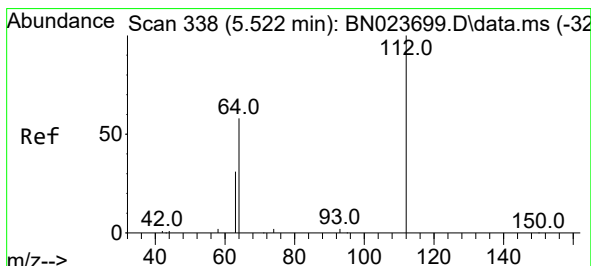
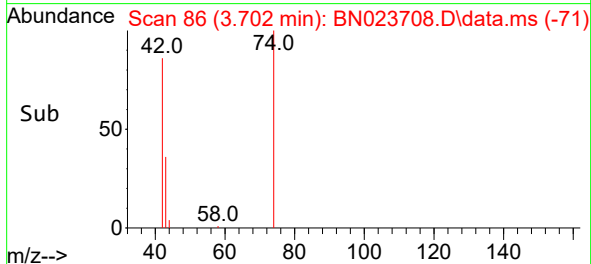
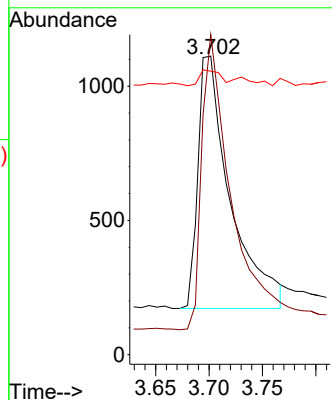
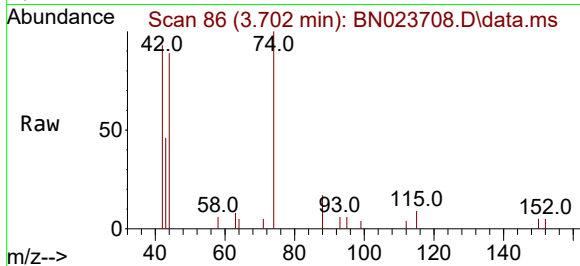




#3  
n-Nitrosodimethylamine  
Concen: 0.377 ng  
RT: 3.702 min Scan# 80  
Delta R.T. 0.007 min  
Lab File: BN023708.D  
Acq: 18 Jan 2023 18:08

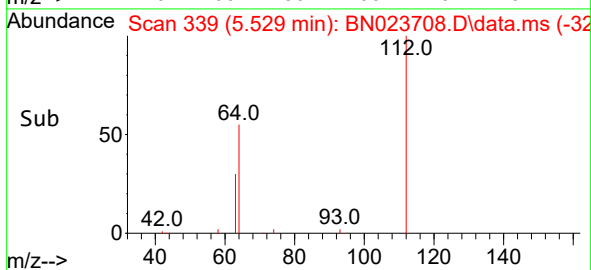
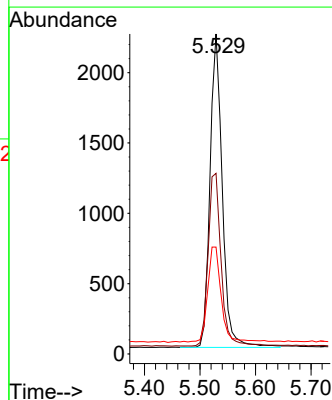
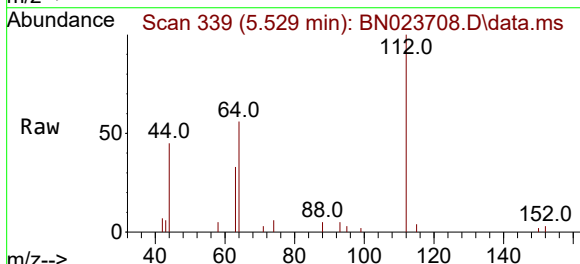
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

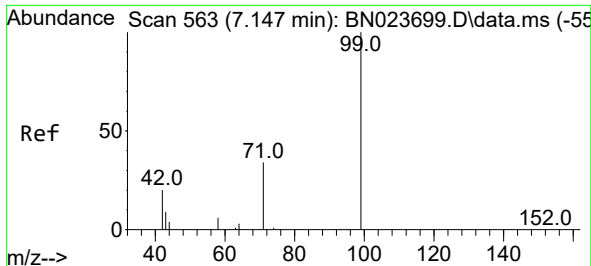
Tgt Ion: 42 Resp: 1988  
Ion Ratio Lower Upper  
42 100  
74 108.0 87.4 131.2  
44 4.4 9.4 14.2#



#4  
2-Fluorophenol  
Concen: 0.384 ng  
RT: 5.529 min Scan# 339  
Delta R.T. 0.007 min  
Lab File: BN023708.D  
Acq: 18 Jan 2023 18:08

Tgt Ion: 112 Resp: 3432  
Ion Ratio Lower Upper  
112 100  
64 58.2 45.8 68.8  
63 33.1 25.3 37.9

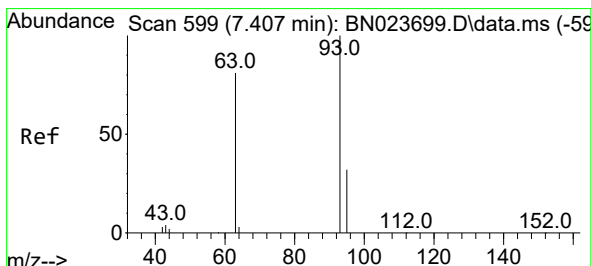
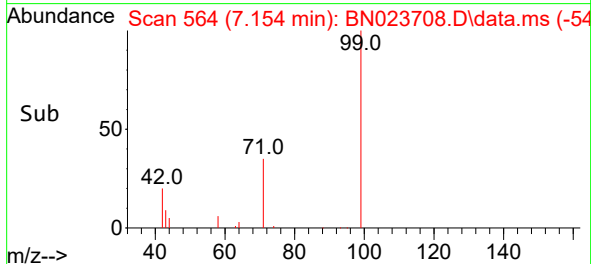
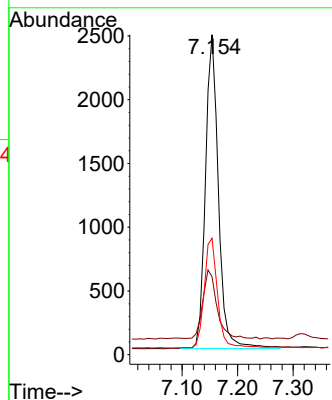
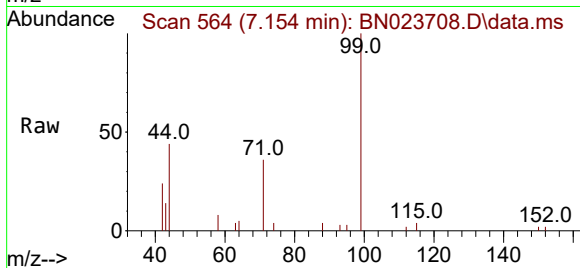




#5  
Phenol-d6  
Concen: 0.376 ng  
RT: 7.154 min Scan# 50  
Delta R.T. 0.007 min  
Lab File: BN023708.D  
Acq: 18 Jan 2023 18:08

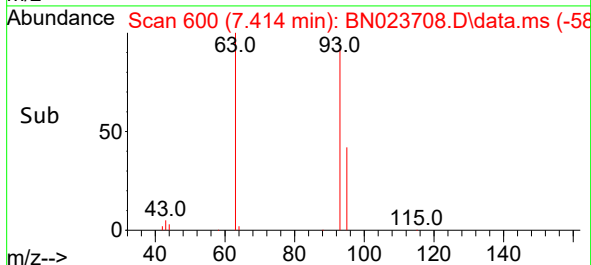
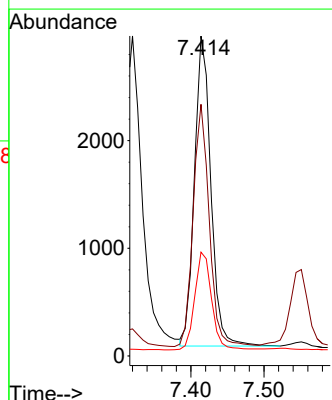
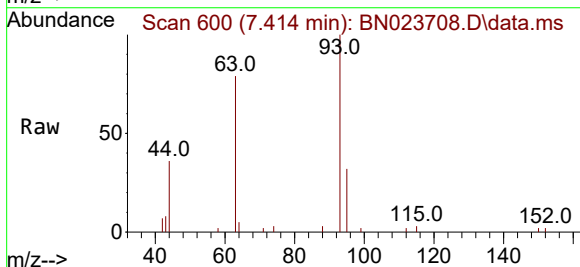
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

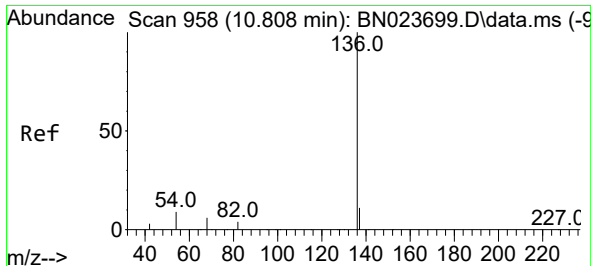
Tgt Ion: 99 Resp: 3995  
Ion Ratio Lower Upper  
99 100  
42 23.4 19.4 29.0  
71 36.3 28.7 43.1



#6  
bis(2-Chloroethyl)ether  
Concen: 0.410 ng  
RT: 7.414 min Scan# 600  
Delta R.T. 0.007 min  
Lab File: BN023708.D  
Acq: 18 Jan 2023 18:08

Tgt Ion: 93 Resp: 4492  
Ion Ratio Lower Upper  
93 100  
63 76.8 61.8 92.6  
95 32.5 25.9 38.9

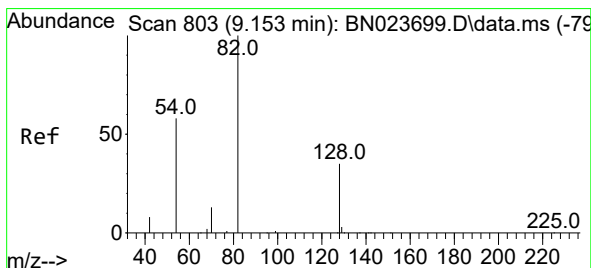
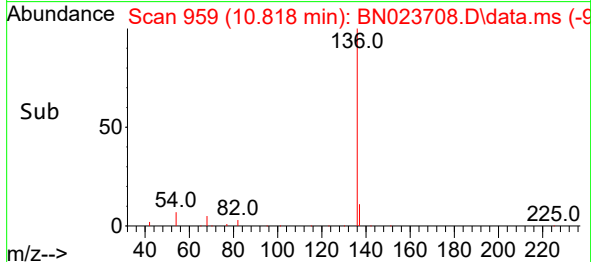
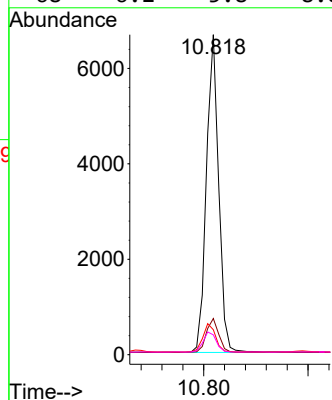
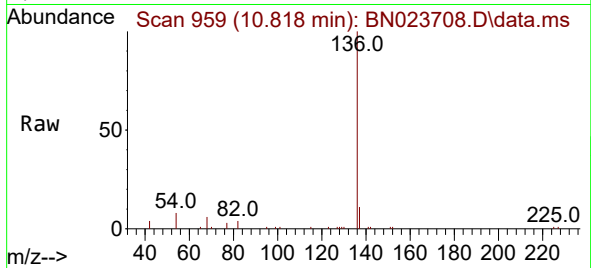




#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.818 min Scan# 91  
Delta R.T. 0.011 min  
Lab File: BN023708.D  
Acq: 18 Jan 2023 18:08

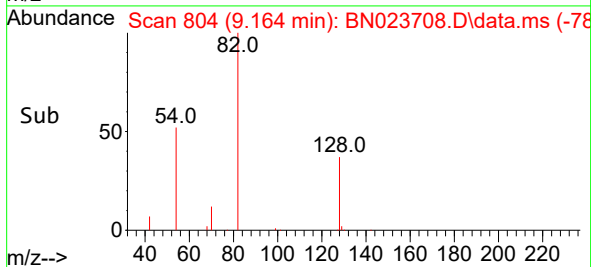
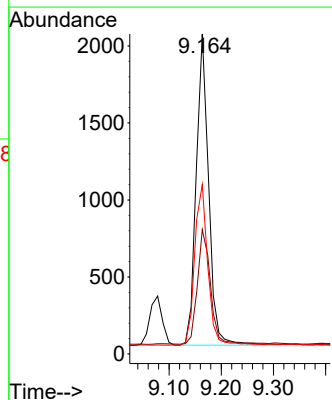
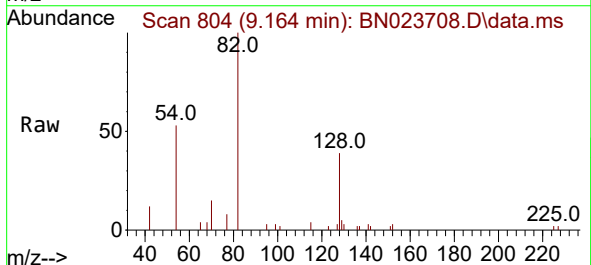
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

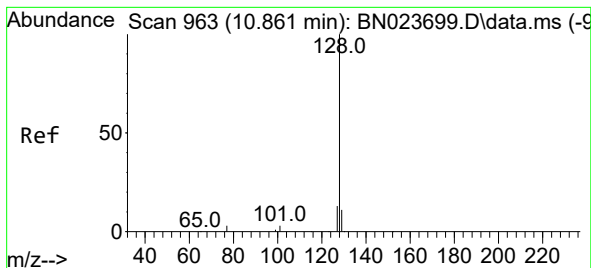
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|-----------|-------|-------|-------|
| Tgt Ion:  | 136   | Resp: | 10855 |
| Ion Ratio | Lower | Upper |       |
| 136       | 100   |       |       |
| 137       | 11.3  | 9.2   | 13.8  |
| 54        | 7.8   | 7.5   | 11.3  |
| 68        | 6.2   | 5.8   | 8.8   |



#8  
Nitrobenzene-d5  
Concen: 0.392 ng  
RT: 9.164 min Scan# 804  
Delta R.T. 0.011 min  
Lab File: BN023708.D  
Acq: 18 Jan 2023 18:08

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 82    | Resp: | 3362 |
| Ion Ratio | Lower | Upper |      |
| 82        | 100   |       |      |
| 128       | 38.9  | 30.2  | 45.2 |
| 54        | 53.0  | 47.3  | 70.9 |





#9

Naphthalene

Concen: 0.399 ng

RT: 10.861 min Scan# 90

Delta R.T. 0.000 min

Lab File: BN023708.D

Acq: 18 Jan 2023 18:08

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4EC

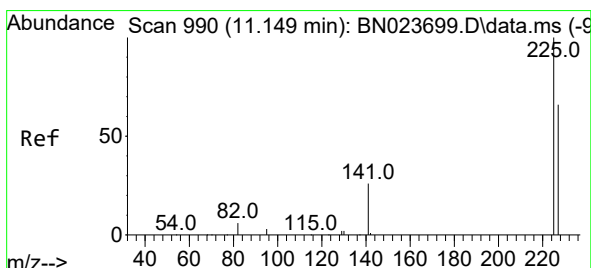
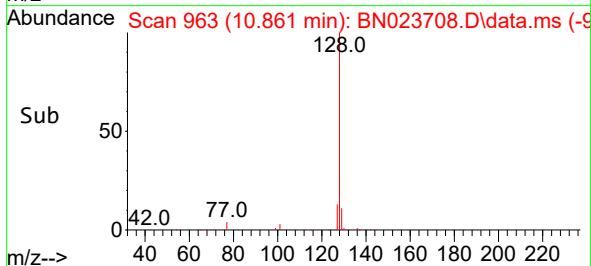
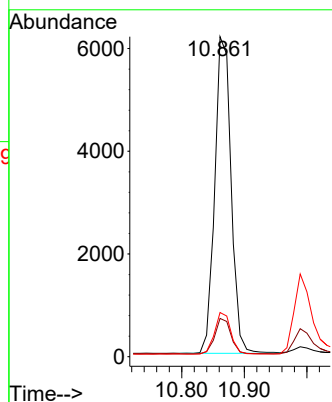
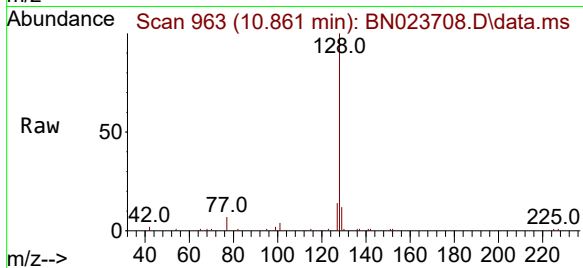
Tgt Ion:128 Resp: 11207

Ion Ratio Lower Upper

128 100

129 11.9 9.2 13.8

127 13.8 10.9 16.3



#10

Hexachlorobutadiene

Concen: 0.421 ng

RT: 11.149 min Scan# 990

Delta R.T. 0.000 min

Lab File: BN023708.D

Acq: 18 Jan 2023 18:08

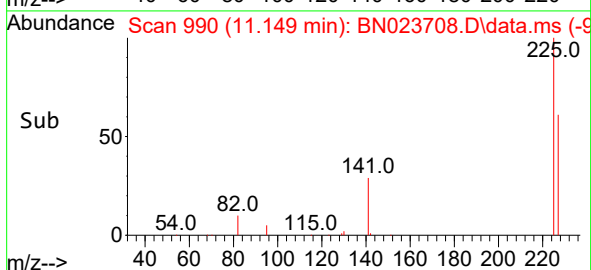
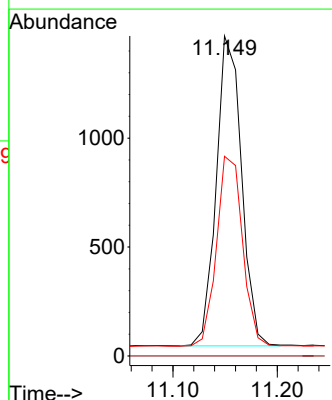
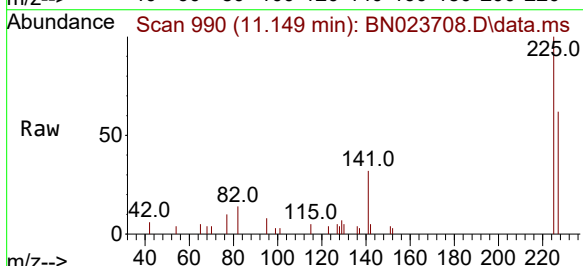
Tgt Ion:225 Resp: 2401

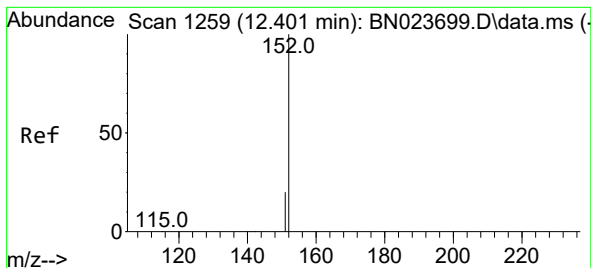
Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

227 62.8 51.0 76.6

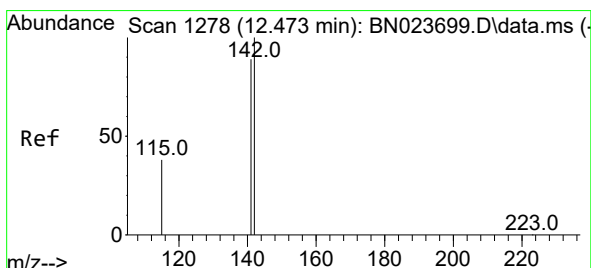
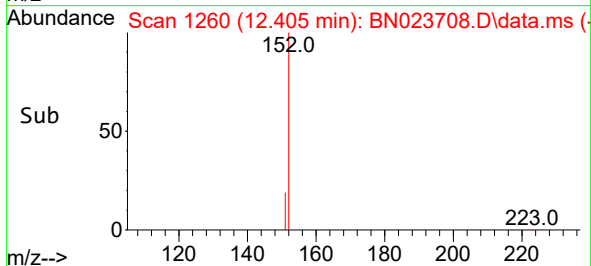
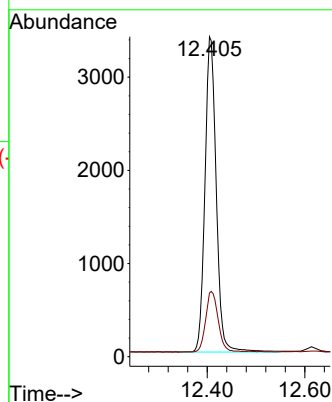
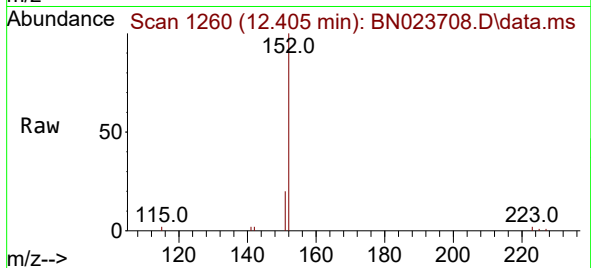




#11  
2-Methylnaphthalene-d10  
Concen: 0.416 ng  
RT: 12.405 min Scan# 11  
Delta R.T. 0.004 min  
Lab File: BN023708.D  
Acq: 18 Jan 2023 18:08

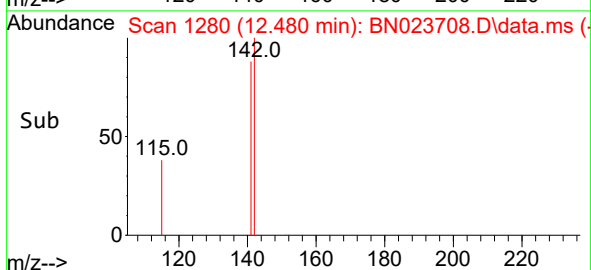
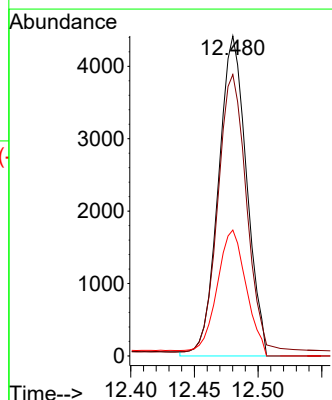
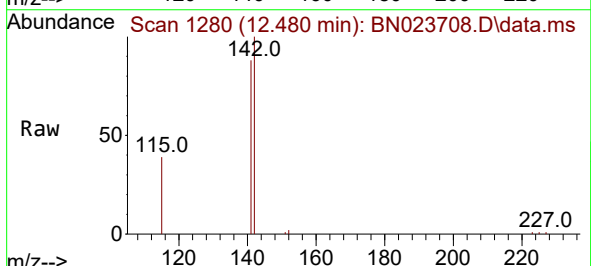
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

Tgt Ion:152 Resp: 6235  
Ion Ratio Lower Upper  
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151 18.4 17.1 25.7

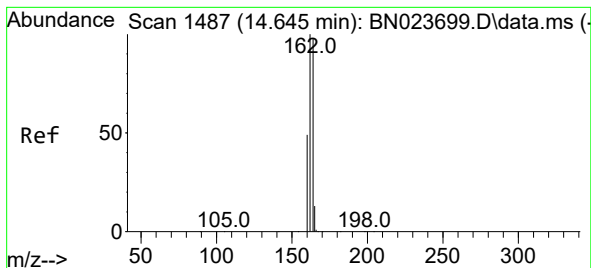


#12  
2-Methylnaphthalene  
Concen: 0.378 ng  
RT: 12.480 min Scan# 1280  
Delta R.T. 0.008 min  
Lab File: BN023708.D  
Acq: 18 Jan 2023 18:08

Tgt Ion:142 Resp: 7460  
Ion Ratio Lower Upper  
142 100  
141 87.9 71.4 107.0  
115 39.3 31.2 46.8







#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.645 min Scan# 1487

Delta R.T. 0.000 min

Lab File: BN023708.D

Acq: 18 Jan 2023 18:08

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4EC

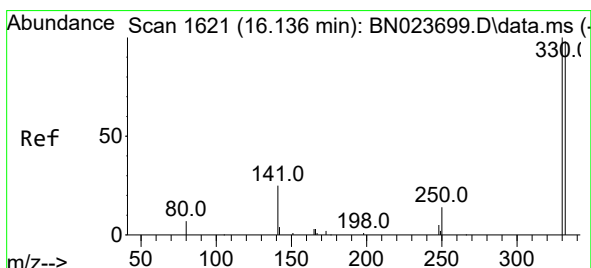
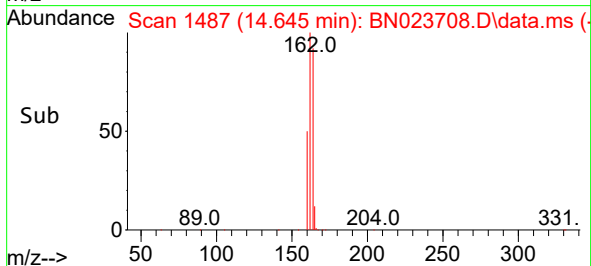
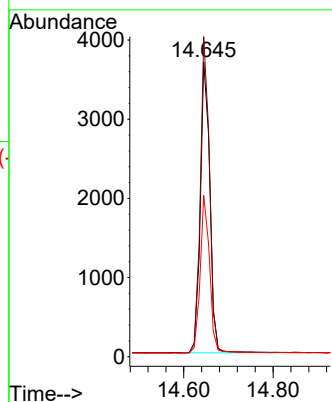
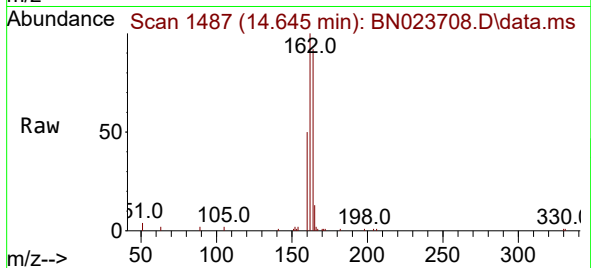
Tgt Ion:164 Resp: 5438

Ion Ratio Lower Upper

164 100

162 108.6 81.8 122.6

160 54.7 40.3 60.5



#14

2,4,6-Tribromophenol

Concen: 0.338 ng

RT: 16.136 min Scan# 1621

Delta R.T. -0.000 min

Lab File: BN023708.D

Acq: 18 Jan 2023 18:08

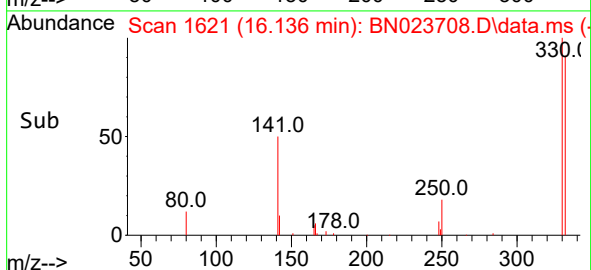
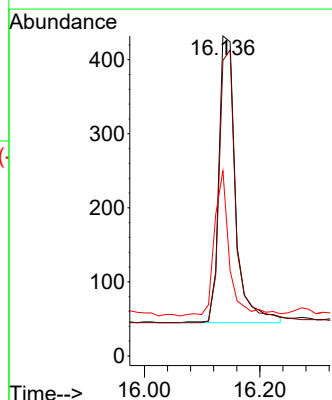
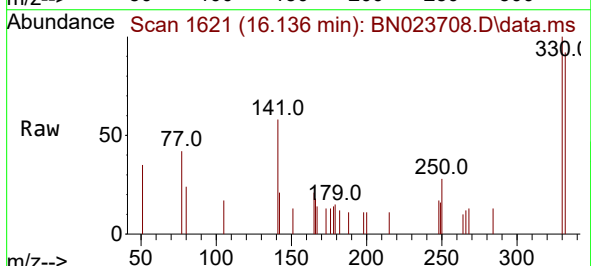
Tgt Ion:330 Resp: 781

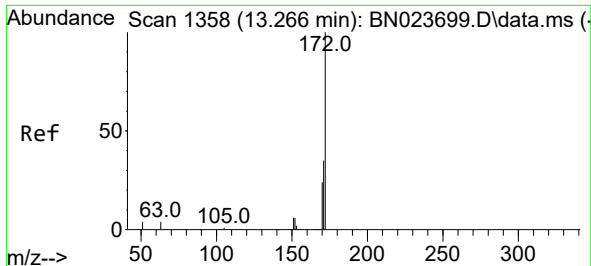
Ion Ratio Lower Upper

330 100

332 94.1 77.6 116.4

141 45.6 35.0 52.4

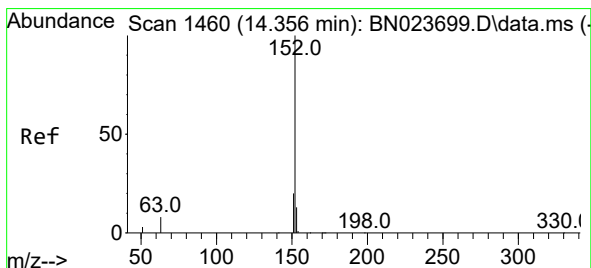
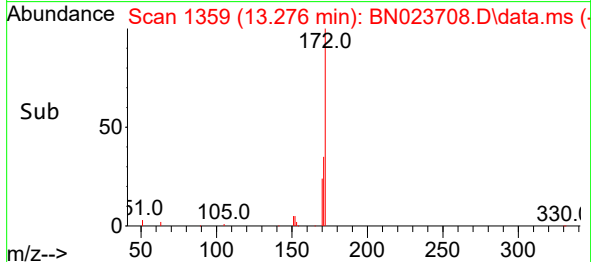
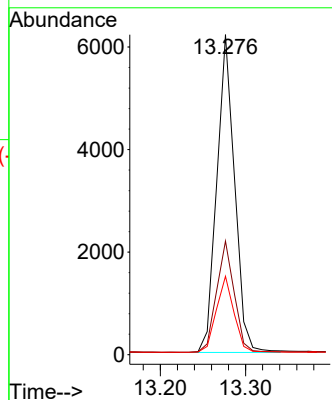
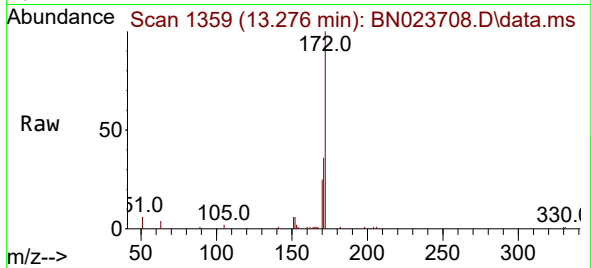




#15  
2-Fluorobiphenyl  
Concen: 0.387 ng  
RT: 13.276 min Scan# 1359  
Delta R.T. 0.011 min  
Lab File: BN023708.D  
Acq: 18 Jan 2023 18:08

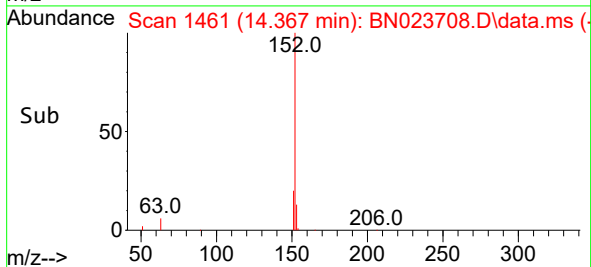
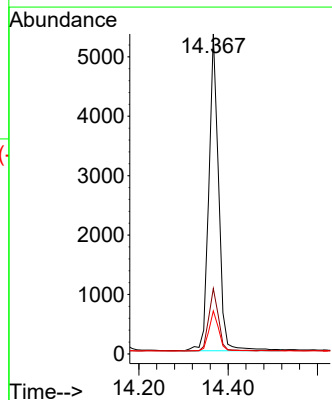
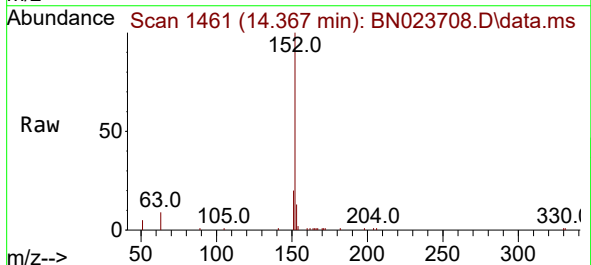
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

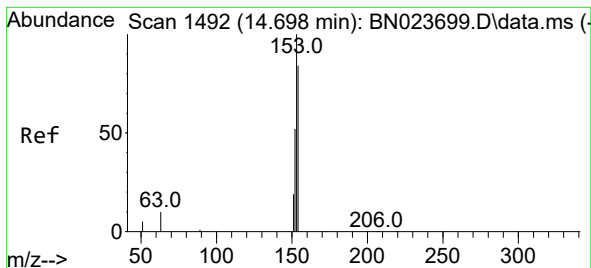
Tgt Ion:172 Resp: 8977  
Ion Ratio Lower Upper  
172 100  
171 35.5 28.6 42.8  
170 24.5 20.0 30.0



#16  
Acenaphthylene  
Concen: 0.366 ng  
RT: 14.367 min Scan# 1461  
Delta R.T. 0.011 min  
Lab File: BN023708.D  
Acq: 18 Jan 2023 18:08

Tgt Ion:152 Resp: 8101  
Ion Ratio Lower Upper  
152 100  
151 19.6 15.7 23.5  
153 12.7 10.4 15.6





#17

Acenaphthene

Concen: 0.386 ng

RT: 14.709 min Scan# 1493

Delta R.T. 0.011 min

Lab File: BN023708.D

Acq: 18 Jan 2023 18:08

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4EC

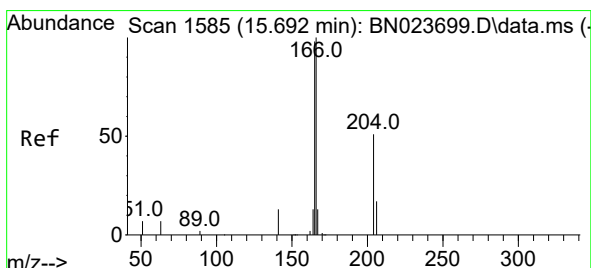
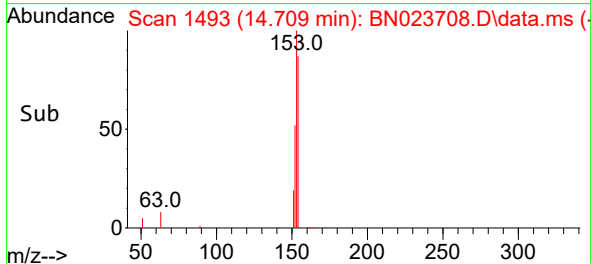
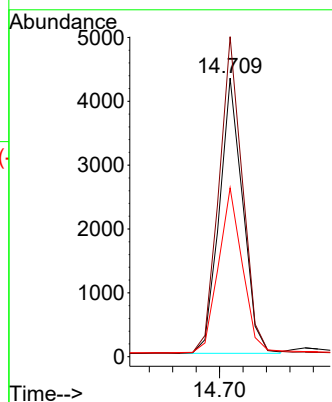
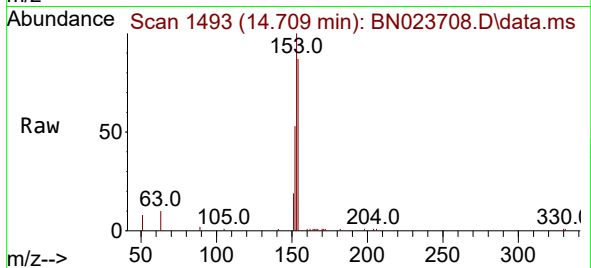
Tgt Ion:154 Resp: 5984

Ion Ratio Lower Upper

154 100

153 116.8 93.3 139.9

152 62.0 48.1 72.1



#18

Fluorene

Concen: 0.368 ng

RT: 15.693 min Scan# 1585

Delta R.T. 0.000 min

Lab File: BN023708.D

Acq: 18 Jan 2023 18:08

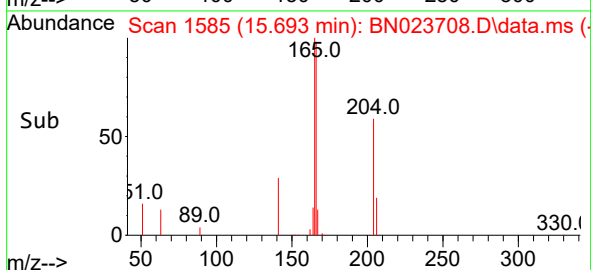
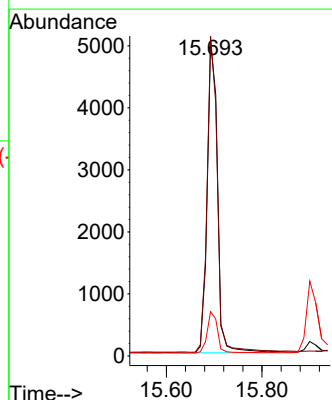
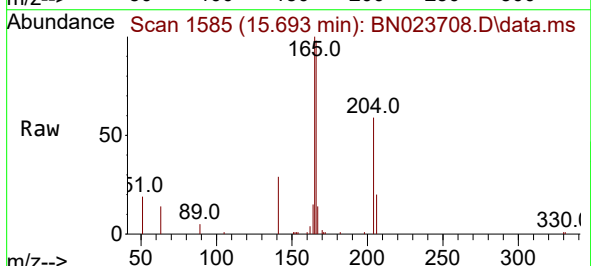
Tgt Ion:166 Resp: 8085

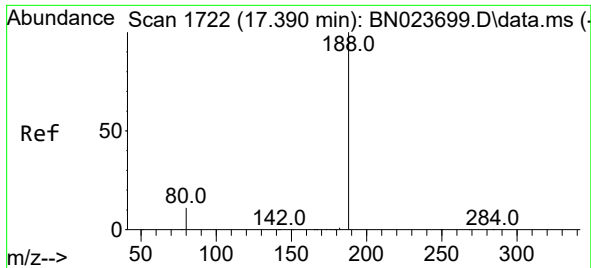
Ion Ratio Lower Upper

166 100

165 101.6 80.6 121.0

167 13.1 10.8 16.2

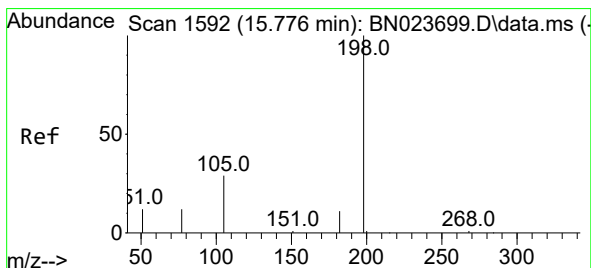
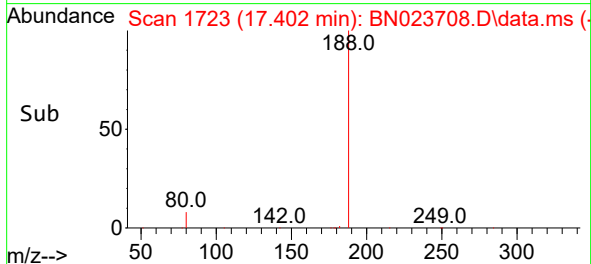
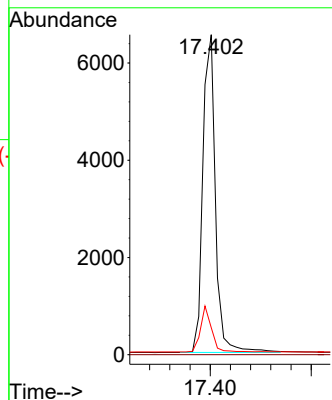
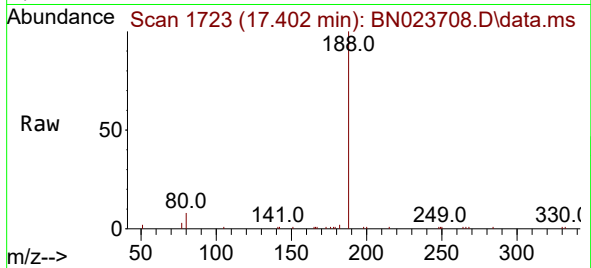




#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.402 min Scan# 11  
Delta R.T. 0.012 min  
Lab File: BN023708.D  
Acq: 18 Jan 2023 18:08

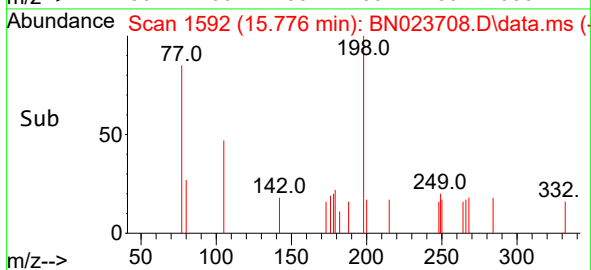
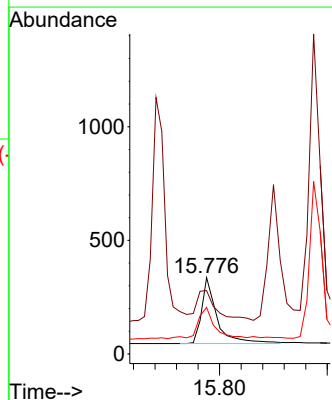
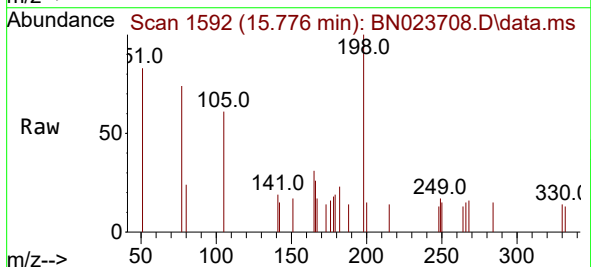
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

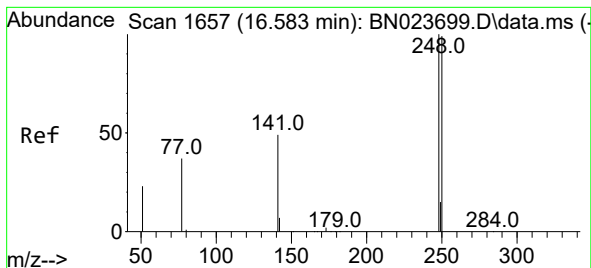
Tgt Ion:188 Resp: 11343  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 8.4 9.5 14.3#



#20  
4,6-Dinitro-2-methylphenol  
Concen: 0.358 ng  
RT: 15.776 min Scan# 1592  
Delta R.T. -0.000 min  
Lab File: BN023708.D  
Acq: 18 Jan 2023 18:08

Tgt Ion:198 Resp: 576  
Ion Ratio Lower Upper  
198 100  
51 83.0 54.3 81.5#  
105 61.0 38.6 58.0#

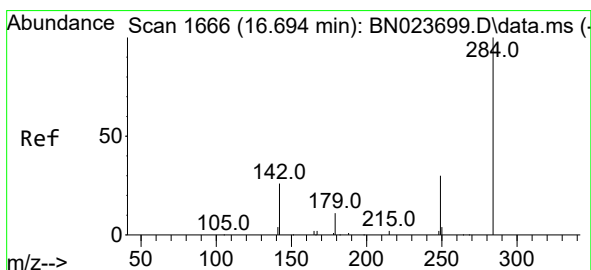
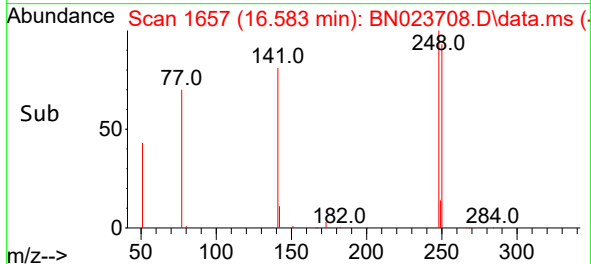
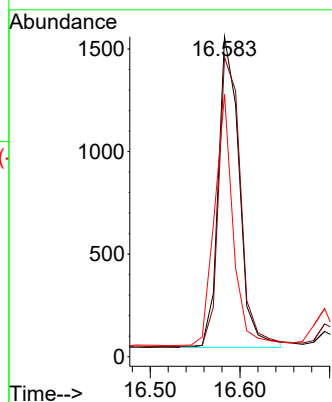
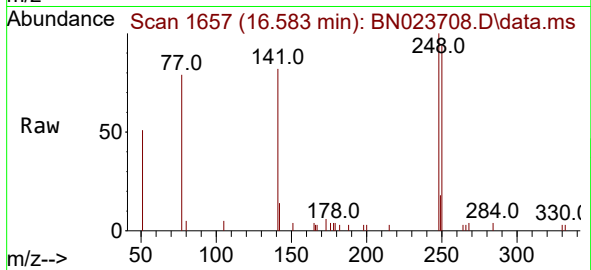




#21  
4-Bromophenyl-phenylether  
Concen: 0.378 ng  
RT: 16.583 min Scan# 1657  
Delta R.T. 0.000 min  
Lab File: BN023708.D  
Acq: 18 Jan 2023 18:08

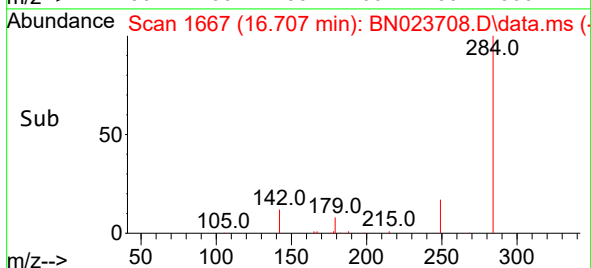
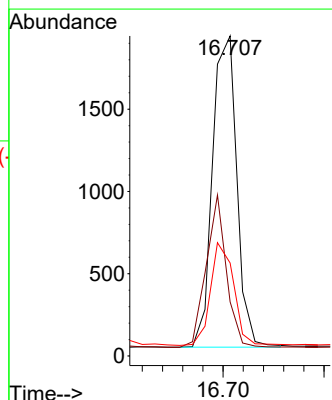
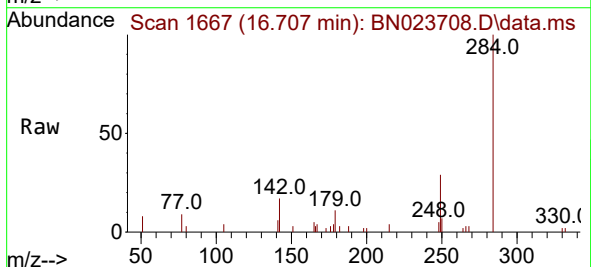
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

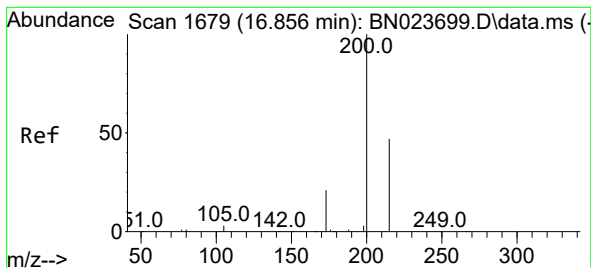
Tgt Ion:248 Resp: 2456  
Ion Ratio Lower Upper  
248 100  
250 93.6 79.4 119.0  
141 82.0 40.2 60.4#



#22  
Hexachlorobenzene  
Concen: 0.397 ng  
RT: 16.707 min Scan# 1667  
Delta R.T. 0.012 min  
Lab File: BN023708.D  
Acq: 18 Jan 2023 18:08

Tgt Ion:284 Resp: 3157  
Ion Ratio Lower Upper  
284 100  
142 40.7 32.3 48.5  
249 31.5 25.0 37.4





#23

Atrazine

Concen: 0.341 ng

RT: 16.856 min Scan# 1

Delta R.T. 0.000 min

Lab File: BN023708.D

Acq: 18 Jan 2023 18:08

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4EC

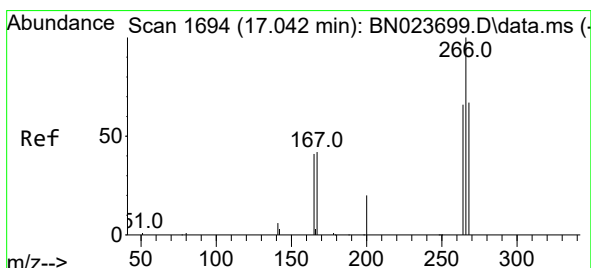
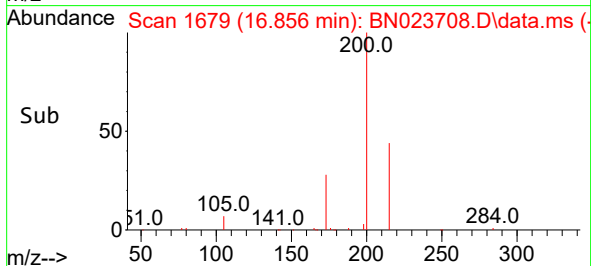
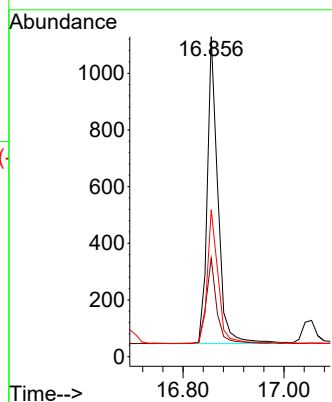
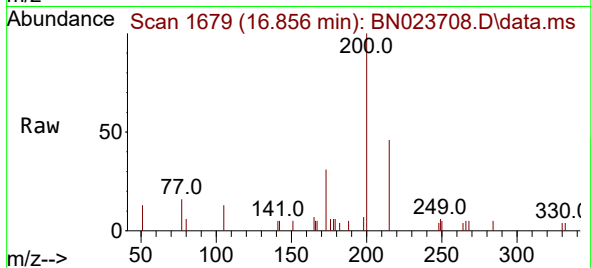
Tgt Ion:200 Resp: 1584

Ion Ratio Lower Upper

200 100

173 30.7 19.0 28.4#

215 45.9 39.2 58.8



#24

Pentachlorophenol

Concen: 0.391 ng

RT: 17.054 min Scan# 1695

Delta R.T. 0.012 min

Lab File: BN023708.D

Acq: 18 Jan 2023 18:08

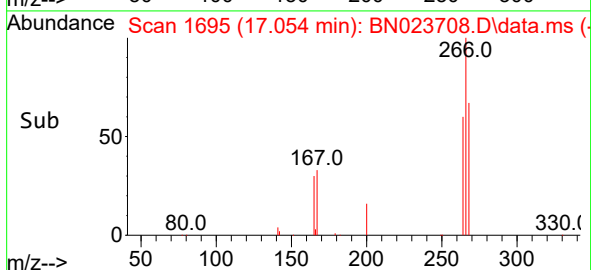
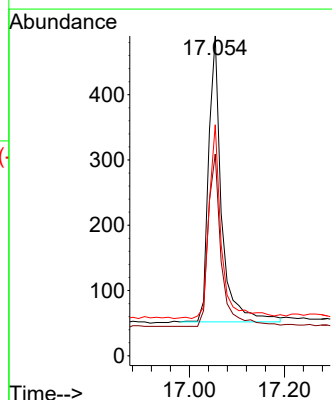
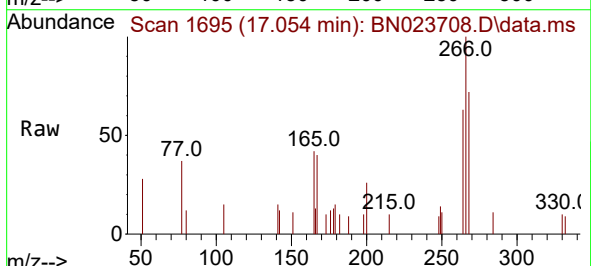
Tgt Ion:266 Resp: 834

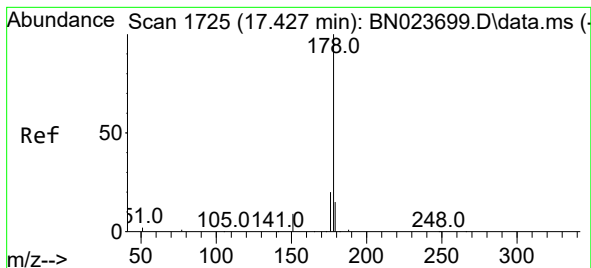
Ion Ratio Lower Upper

266 100

264 61.4 51.4 77.2

268 63.7 52.3 78.5





#25

Phenanthrene

Concen: 0.382 ng

RT: 17.439 min Scan# 1725

Delta R.T. 0.012 min

Lab File: BN023708.D

Acq: 18 Jan 2023 18:08

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4EC

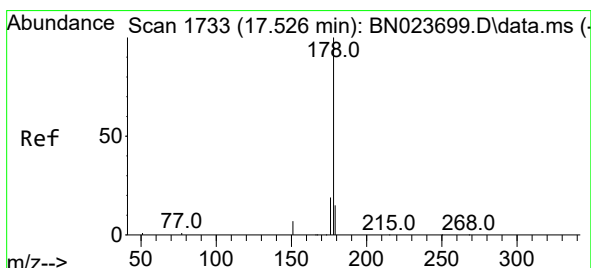
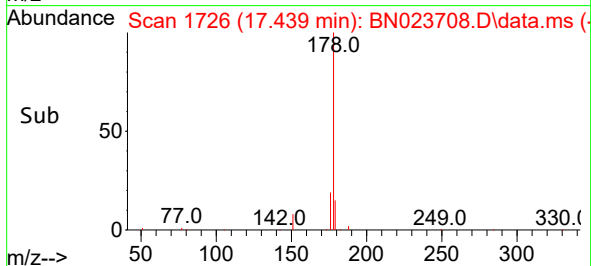
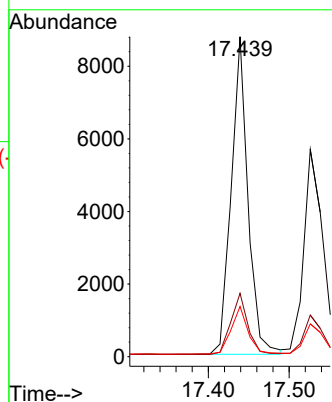
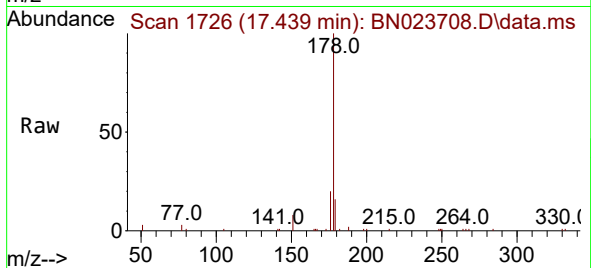
Tgt Ion:178 Resp: 12611

Ion Ratio Lower Upper

178 100

176 19.5 15.5 23.3

179 15.4 12.2 18.4



#26

Anthracene

Concen: 0.367 ng

RT: 17.526 min Scan# 1733

Delta R.T. 0.000 min

Lab File: BN023708.D

Acq: 18 Jan 2023 18:08

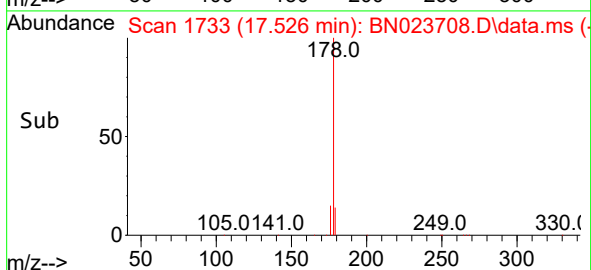
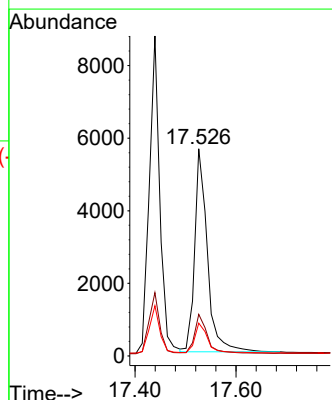
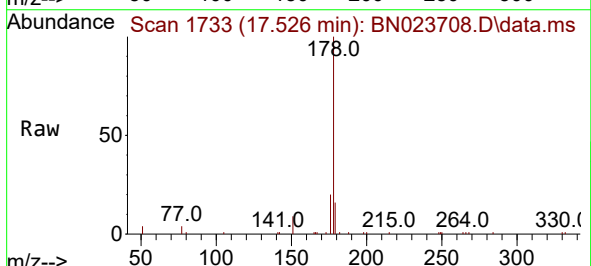
Tgt Ion:178 Resp: 9796

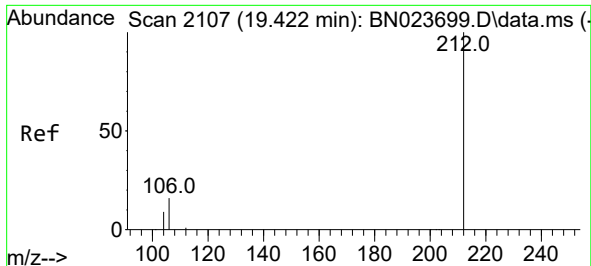
Ion Ratio Lower Upper

178 100

176 19.0 15.2 22.8

179 14.7 12.0 18.0

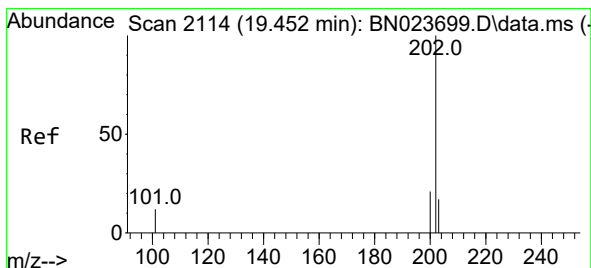
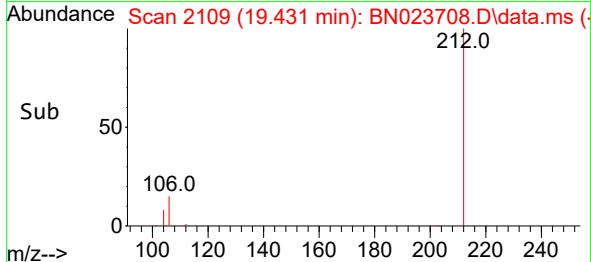
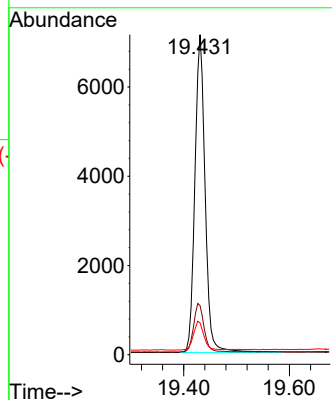
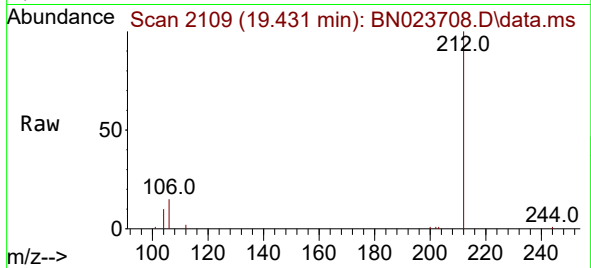




#27  
Fluoranthene-d10  
Concen: 0.362 ng  
RT: 19.431 min Scan# 2109  
Delta R.T. 0.008 min  
Lab File: BN023708.D  
Acq: 18 Jan 2023 18:08

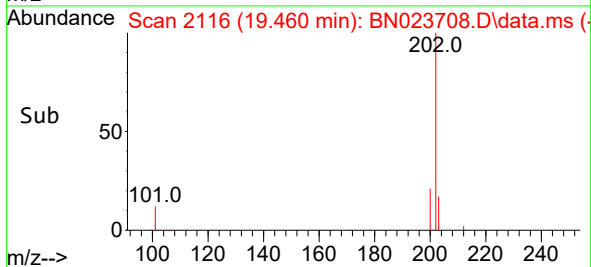
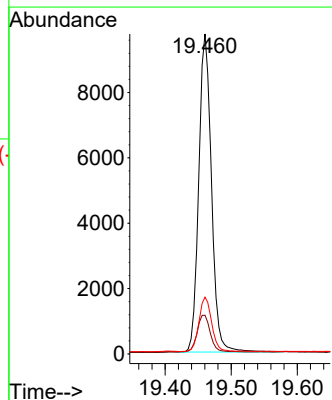
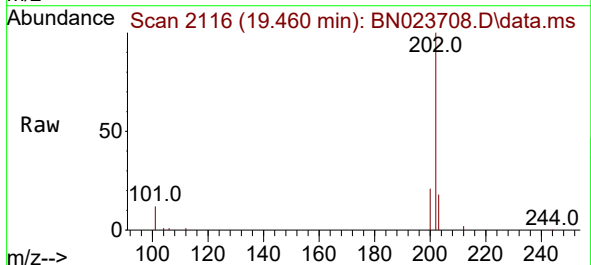
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

Tgt Ion:212 Resp: 9632  
Ion Ratio Lower Upper  
212 100  
106 15.6 12.4 18.6  
104 9.2 7.1 10.7

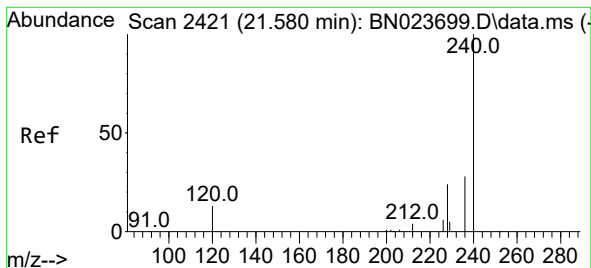


#28  
Fluoranthene  
Concen: 0.362 ng  
RT: 19.460 min Scan# 2116  
Delta R.T. 0.008 min  
Lab File: BN023708.D  
Acq: 18 Jan 2023 18:08

Tgt Ion:202 Resp: 13036  
Ion Ratio Lower Upper  
202 100  
101 12.2 9.7 14.5  
203 17.0 13.6 20.4







#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.589 min Scan# 2421

Delta R.T. 0.009 min

Lab File: BN023708.D

Acq: 18 Jan 2023 18:08

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4EC

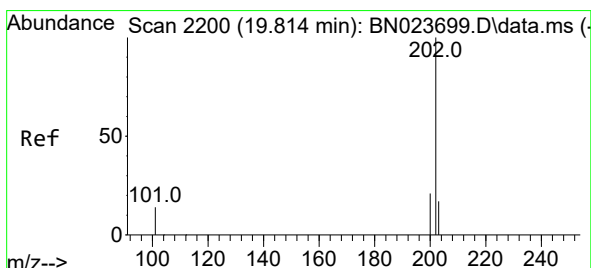
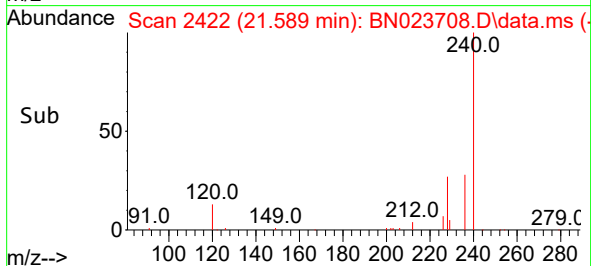
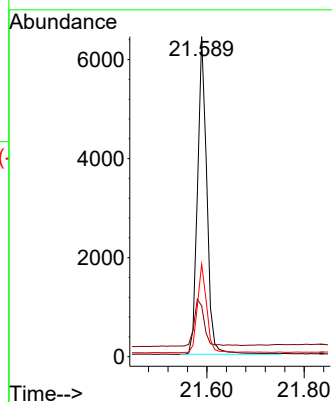
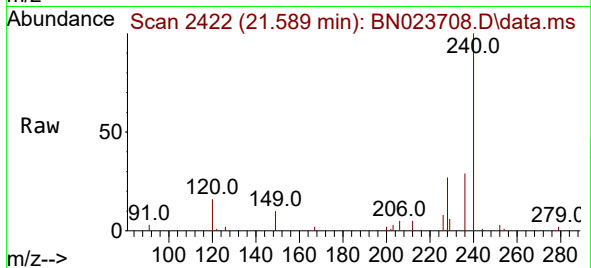
Tgt Ion:240 Resp: 8444

Ion Ratio Lower Upper

240 100

120 15.9 12.0 18.0

236 29.0 22.8 34.2



#30

Pyrene

Concen: 0.414 ng

RT: 19.823 min Scan# 2202

Delta R.T. 0.008 min

Lab File: BN023708.D

Acq: 18 Jan 2023 18:08

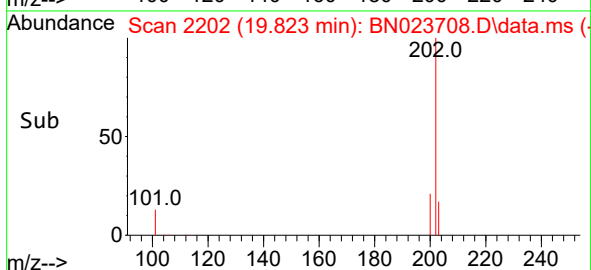
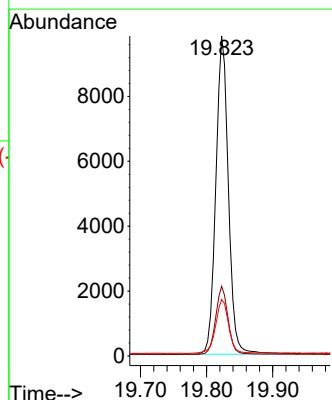
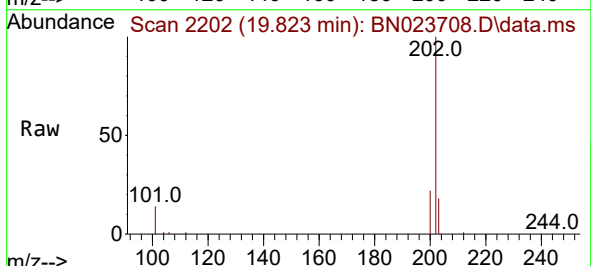
Tgt Ion:202 Resp: 12936

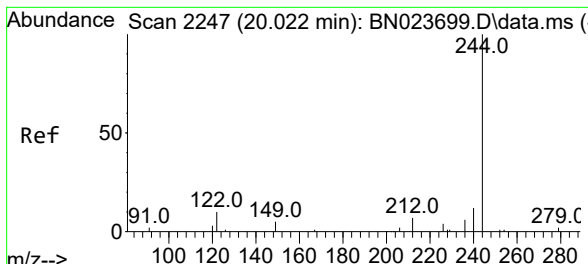
Ion Ratio Lower Upper

202 100

200 21.3 16.9 25.3

203 17.6 14.4 21.6

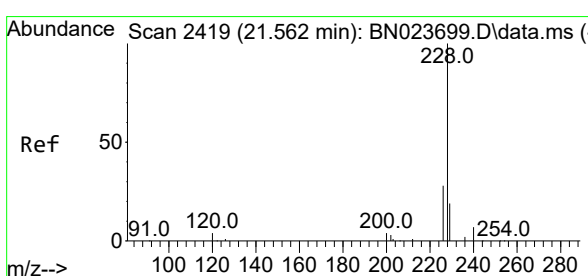
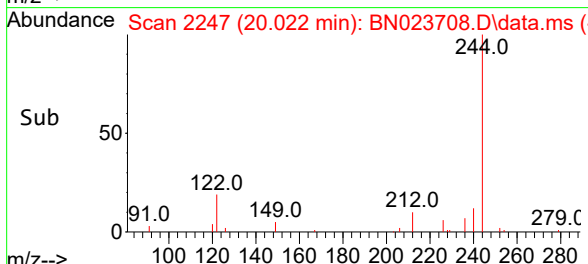
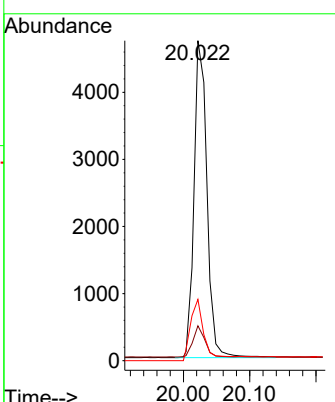
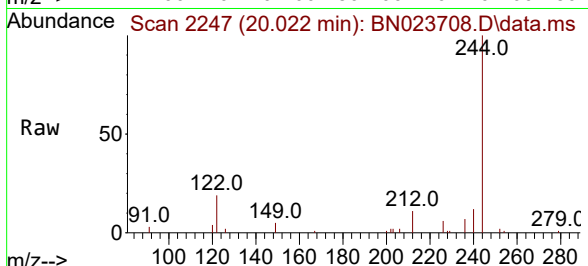




#31  
 Terphenyl-d14  
 Concen: 0.428 ng  
 RT: 20.022 min Scan# 21  
 Delta R.T. 0.000 min  
 Lab File: BN023708.D  
 Acq: 18 Jan 2023 18:08

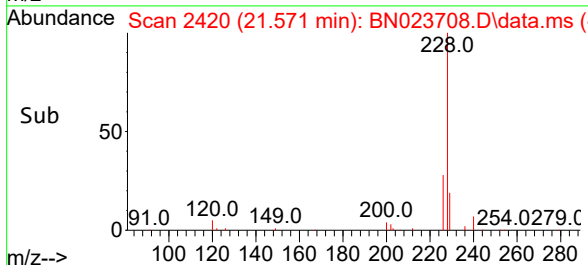
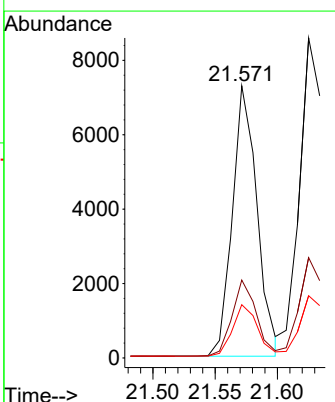
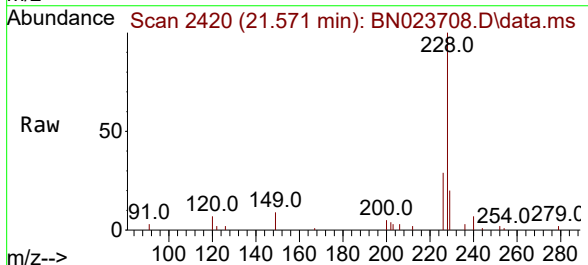
Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC0.4EC

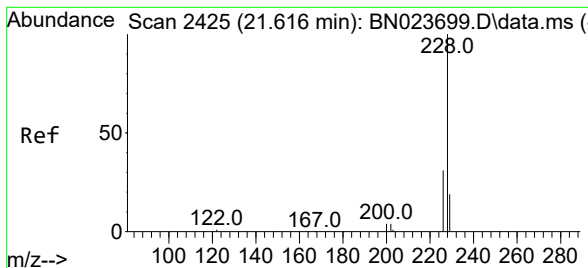
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 244   | Resp: | 5696  |
| Ion Ratio | Lower | Upper |       |
| 244       | 100   |       |       |
| 212       | 10.9  | 6.5   | 9.7#  |
| 122       | 19.2  | 7.6   | 11.4# |



#32  
 Benzo(a)anthracene  
 Concen: 0.372 ng  
 RT: 21.571 min Scan# 2420  
 Delta R.T. 0.009 min  
 Lab File: BN023708.D  
 Acq: 18 Jan 2023 18:08

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 228   | Resp: | 9990 |
| Ion Ratio | Lower | Upper |      |
| 228       | 100   |       |      |
| 226       | 28.6  | 22.4  | 33.6 |
| 229       | 19.6  | 15.5  | 23.3 |





#33

Chrysene

Concen: 0.403 ng

RT: 21.625 min Scan# 2425

Delta R.T. 0.009 min

Lab File: BN023708.D

Acq: 18 Jan 2023 18:08

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4EC

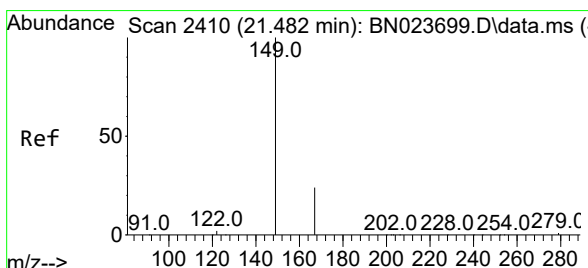
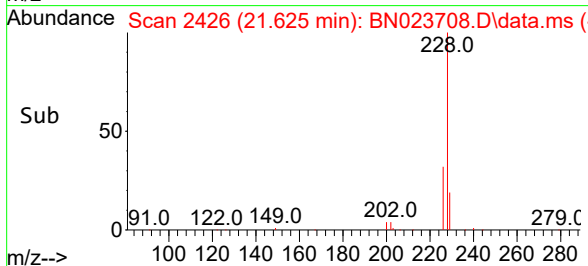
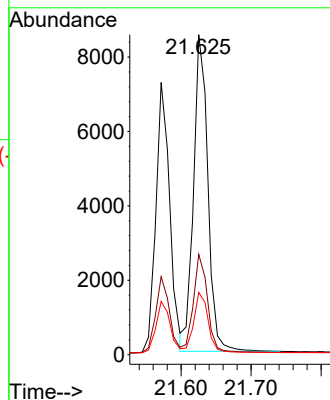
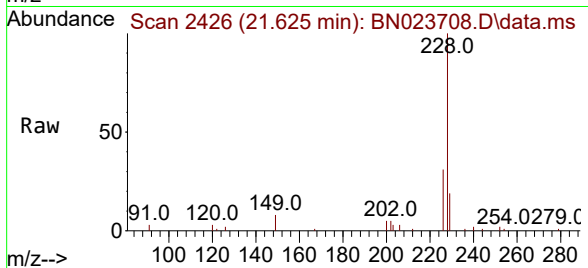
Tgt Ion:228 Resp: 12091

Ion Ratio Lower Upper

228 100

226 31.4 24.6 36.8

229 19.4 15.4 23.0



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.379 ng

RT: 21.500 min Scan# 2412

Delta R.T. 0.018 min

Lab File: BN023708.D

Acq: 18 Jan 2023 18:08

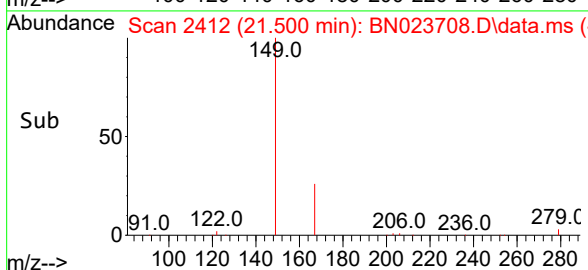
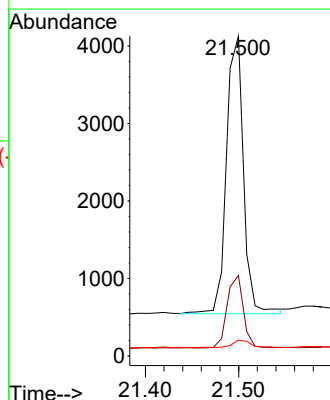
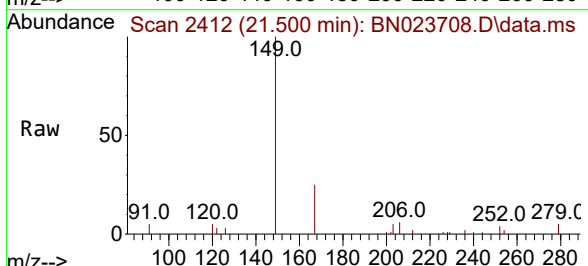
Tgt Ion:149 Resp: 4537

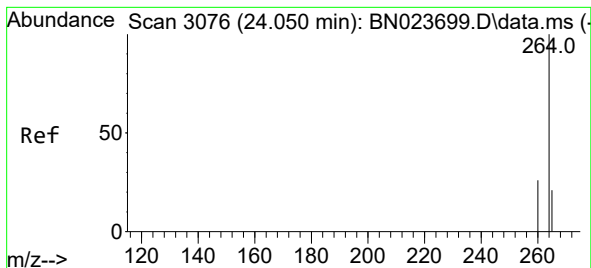
Ion Ratio Lower Upper

149 100

167 24.8 19.8 29.8

279 3.0 2.5 3.7





#35

Perylene-d12

Concen: 0.400 ng

RT: 24.065 min Scan# 3076

Delta R.T. 0.015 min

Lab File: BN023708.D

Acq: 18 Jan 2023 18:08

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4EC

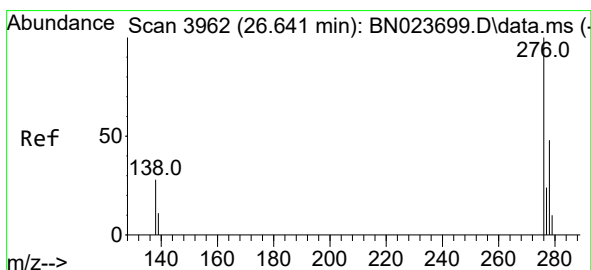
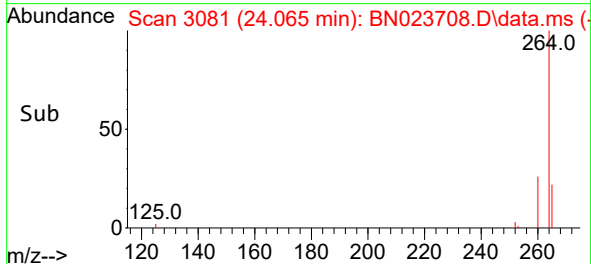
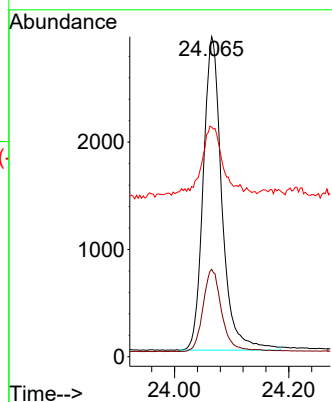
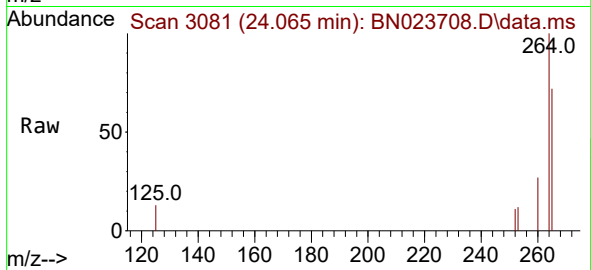
Tgt Ion:264 Resp: 6628

Ion Ratio Lower Upper

264 100

260 27.3 21.0 31.6

265 71.7 49.9 74.9



#36

Indeno(1,2,3-cd)pyrene

Concen: 0.378 ng

RT: 26.670 min Scan# 3972

Delta R.T. 0.029 min

Lab File: BN023708.D

Acq: 18 Jan 2023 18:08

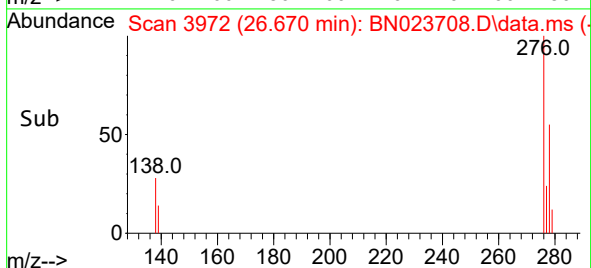
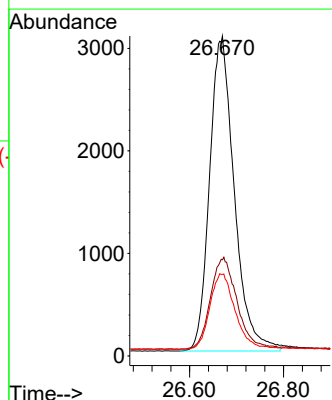
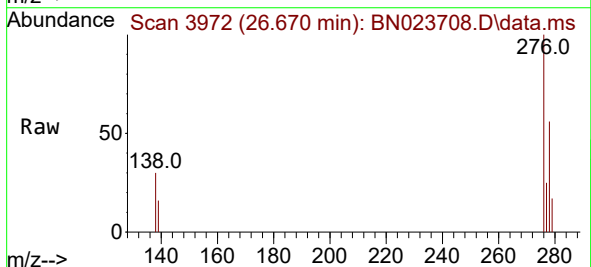
Tgt Ion:276 Resp: 11207

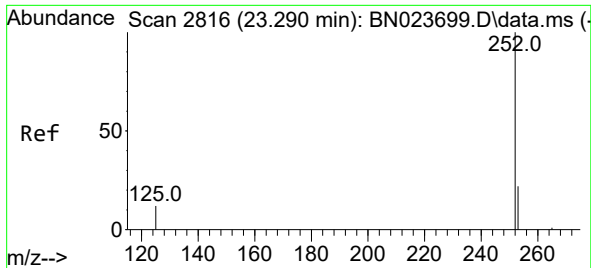
Ion Ratio Lower Upper

276 100

138 31.1 24.0 36.0

277 24.7 19.8 29.8

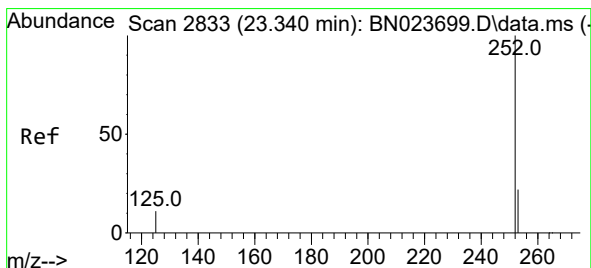
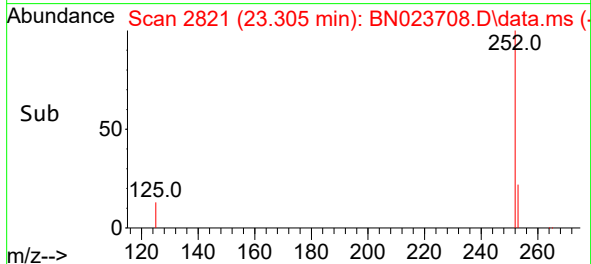
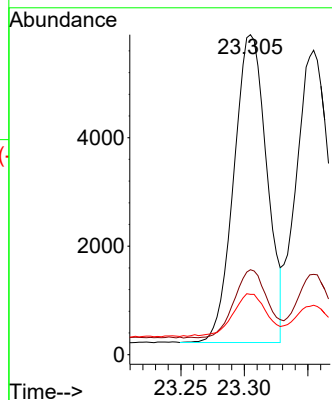
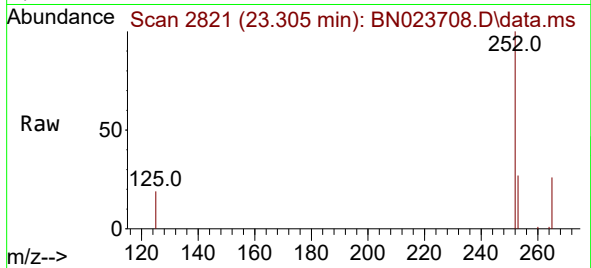




#37  
Benzo(b)fluoranthene  
Concen: 0.372 ng  
RT: 23.305 min Scan# 2816  
Delta R.T. 0.015 min  
Lab File: BN023708.D  
Acq: 18 Jan 2023 18:08

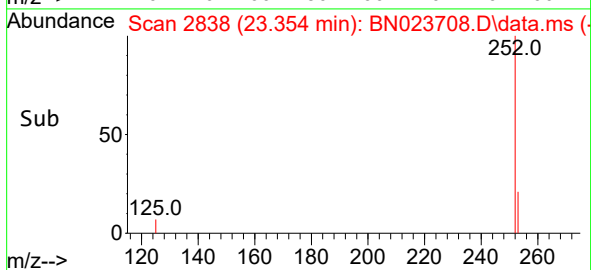
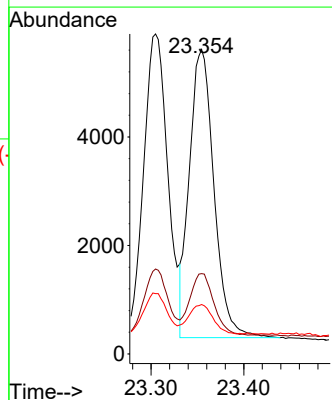
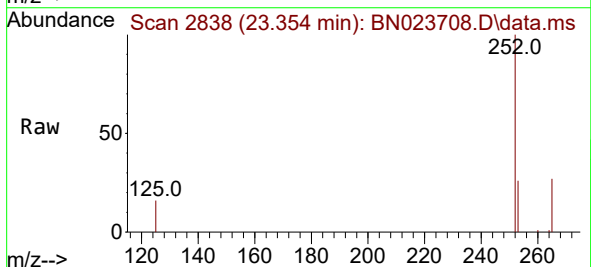
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

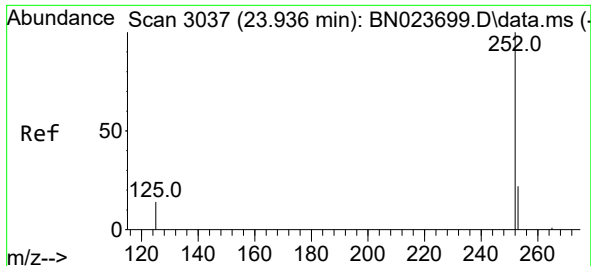
Tgt Ion:252 Resp: 10242  
Ion Ratio Lower Upper  
252 100  
253 26.5 19.9 29.9  
125 18.9 13.2 19.8



#38  
Benzo(k)fluoranthene  
Concen: 0.352 ng  
RT: 23.354 min Scan# 2838  
Delta R.T. 0.015 min  
Lab File: BN023708.D  
Acq: 18 Jan 2023 18:08

Tgt Ion:252 Resp: 9793  
Ion Ratio Lower Upper  
252 100  
253 26.4 20.2 30.2  
125 16.2 12.8 19.2

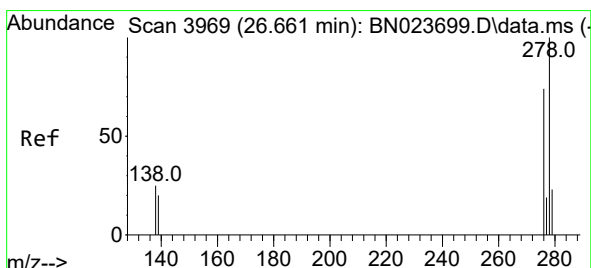
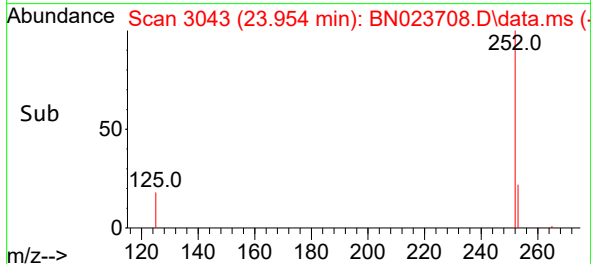
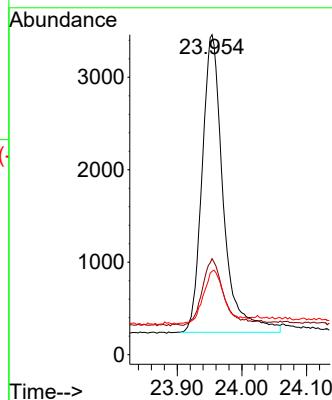
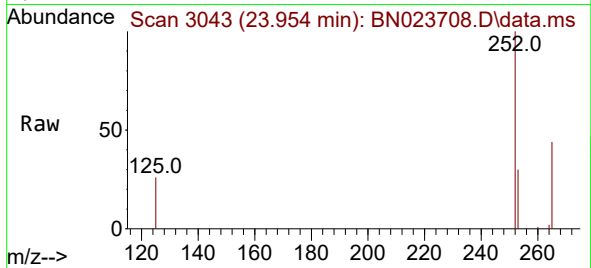




#39  
Benzo(a)pyrene  
Concen: 0.359 ng  
RT: 23.954 min Scan# 3037  
Delta R.T. 0.018 min  
Lab File: BN023708.D  
Acq: 18 Jan 2023 18:08

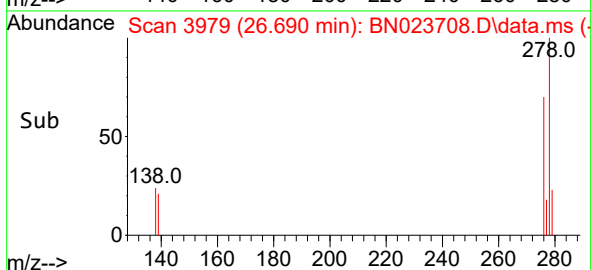
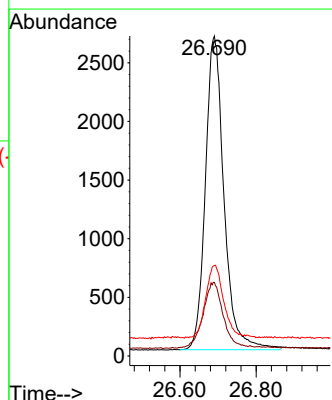
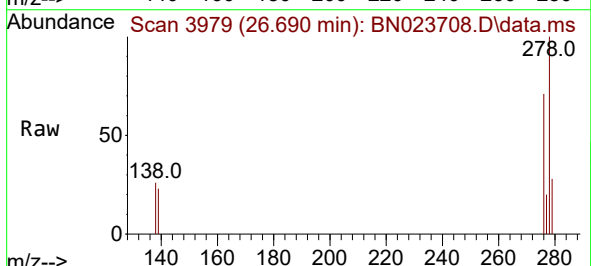
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

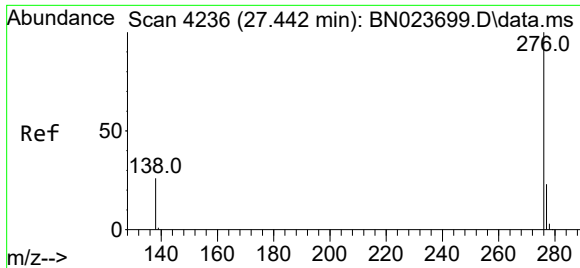
Tgt Ion:252 Resp: 7302  
Ion Ratio Lower Upper  
252 100  
253 30.0 22.4 33.6  
125 26.1 17.7 26.5



#40  
Dibenzo(a,h)anthracene  
Concen: 0.381 ng  
RT: 26.690 min Scan# 3979  
Delta R.T. 0.029 min  
Lab File: BN023708.D  
Acq: 18 Jan 2023 18:08

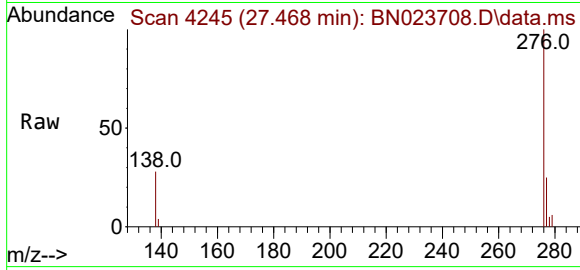
Tgt Ion:278 Resp: 9072  
Ion Ratio Lower Upper  
278 100  
139 23.0 17.2 25.8  
279 28.3 21.4 32.2





#41  
 Benzo(g,h,i)perylene  
 Concen: 0.366 ng  
 RT: 27.468 min Scan# 41  
 Delta R.T. 0.026 min  
 Lab File: BN023708.D  
 Acq: 18 Jan 2023 18:08

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC0.4EC



|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 276   | Resp: | 9240 |
| Ion Ratio | Lower | Upper |      |
| 276       | 100   |       |      |
| 277       | 25.3  | 19.4  | 29.0 |
| 138       | 28.3  | 21.8  | 32.8 |

