

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN053023\  
 Data File : BN025734.D  
 Acq On : 31 May 2023 03:19  
 Operator : CG/JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC0.4EC

Quant Time: May 31 04:50:05 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN052623.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon May 29 00:47:45 2023  
 Response via : Initial Calibration

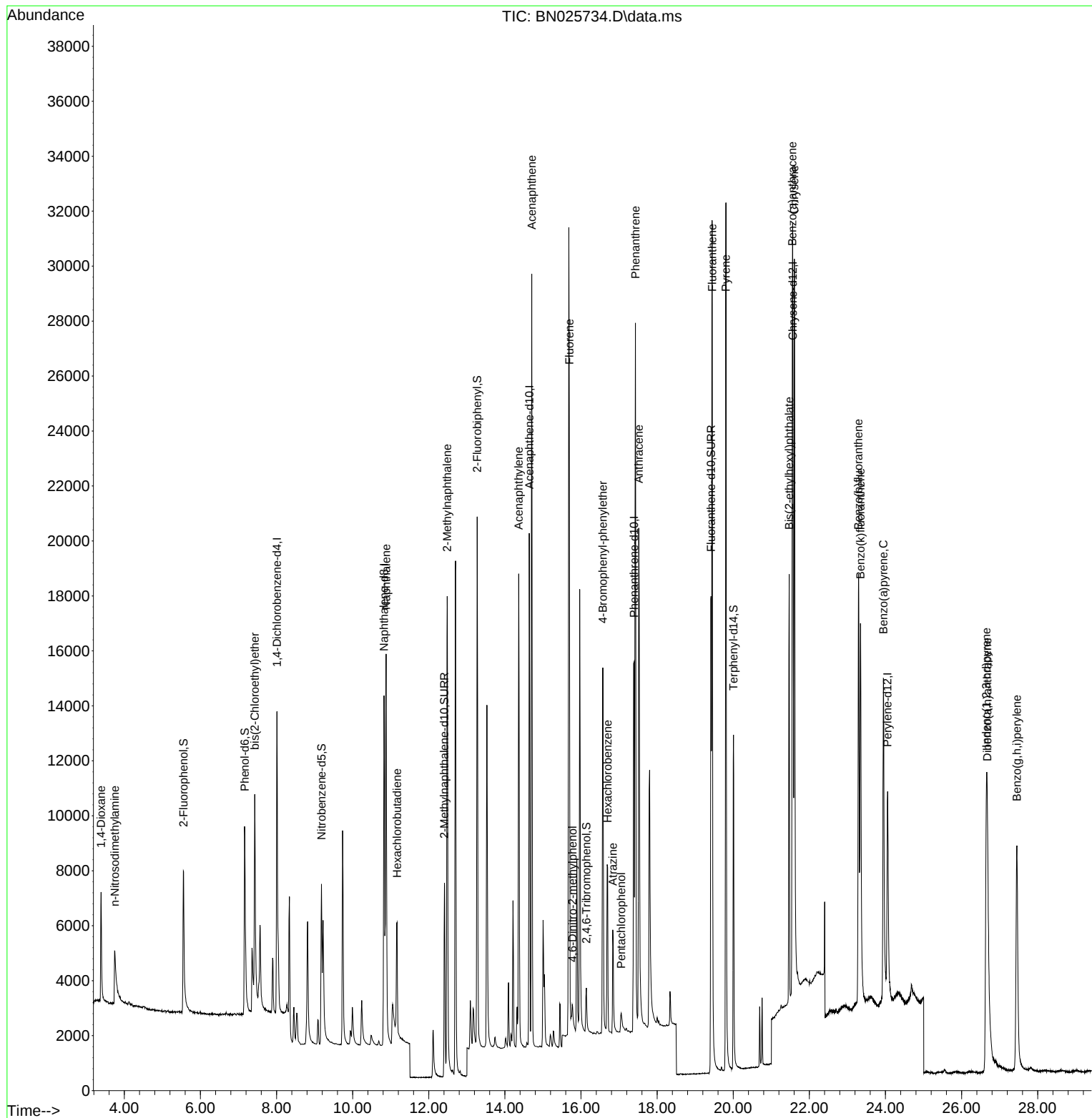
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.012  | 152  | 5883     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.825 | 136  | 17821    | 0.400 | ng    | #-0.01   |
| 13) Acenaphthene-d10          | 14.641 | 164  | 10443    | 0.400 | ng    | -0.01    |
| 19) Phenanthrene-d10          | 17.393 | 188  | 21885    | 0.400 | ng    | # 0.00   |
| 29) Chrysene-d12              | 21.569 | 240  | 14595    | 0.400 | ng    | 0.00     |
| 35) Perylene-d12              | 24.054 | 264  | 12931    | 0.400 | ng    | #-0.01   |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.557  | 112  | 6063     | 0.402 | ng    | 0.00     |
| 5) Phenol-d6                  | 7.167  | 99   | 7869     | 0.435 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 9.180  | 82   | 6040     | 0.405 | ng    | -0.01    |
| 11) 2-Methylnaphthalene-d10   | 12.411 | 152  | 11011    | 0.433 | ng    | -0.01    |
| 14) 2,4,6-Tribromophenol      | 16.140 | 330  | 1096     | 0.519 | ng    | -0.01    |
| 15) 2-Fluorobiphenyl          | 13.272 | 172  | 17775    | 0.412 | ng    | -0.01    |
| 27) Fluoranthene-d10          | 19.416 | 212  | 20852    | 0.421 | ng    | 0.00     |
| 31) Terphenyl-d14             | 20.006 | 244  | 13212    | 0.413 | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       |          |
| 2) 1,4-Dioxane                | 3.390  | 88   | 2973     | 0.436 | ng    | 99       |
| 3) n-Nitrosodimethylamine     | 3.751  | 42   | 2176     | 0.297 | ng    | # 89     |
| 6) bis(2-Chloroethyl)ether    | 7.427  | 93   | 8088     | 0.435 | ng    | 97       |
| 9) Naphthalene                | 10.878 | 128  | 21107    | 0.433 | ng    | 99       |
| 10) Hexachlorobutadiene       | 11.166 | 225  | 3530     | 0.418 | ng    | # 97     |
| 12) 2-Methylnaphthalene       | 12.483 | 142  | 14388    | 0.429 | ng    | 98       |
| 16) Acenaphthylene            | 14.363 | 152  | 20259    | 0.411 | ng    | 99       |
| 17) Acenaphthene              | 14.705 | 154  | 13860    | 0.427 | ng    | 99       |
| 18) Fluorene                  | 15.693 | 166  | 18342    | 0.427 | ng    | 99       |
| 20) 4,6-Dinitro-2-methylph... | 15.780 | 198  | 1195     | 0.505 | ng    | # 61     |
| 21) 4-Bromophenyl-phenylether | 16.574 | 248  | 5038     | 0.405 | ng    | 96       |
| 22) Hexachlorobenzene         | 16.698 | 284  | 4657     | 0.410 | ng    | 98       |
| 23) Atrazine                  | 16.835 | 200  | 3949     | 0.398 | ng    | 98       |
| 24) Pentachlorophenol         | 17.058 | 266  | 740      | 0.807 | ng    | # 79     |
| 25) Phenanthrene              | 17.430 | 178  | 28579    | 0.429 | ng    | 99       |
| 26) Anthracene                | 17.517 | 178  | 25438    | 0.422 | ng    | 99       |
| 28) Fluoranthene              | 19.444 | 202  | 31051    | 0.428 | ng    | 99       |
| 30) Pyrene                    | 19.806 | 202  | 31517    | 0.444 | ng    | 99       |
| 32) Benzo(a)anthracene        | 21.551 | 228  | 22220    | 0.409 | ng    | 99       |
| 33) Chrysene                  | 21.605 | 228  | 26622    | 0.451 | ng    | 99       |
| 34) Bis(2-ethylhexyl)phtha... | 21.471 | 149  | 15185    | 0.459 | ng    | # 98     |
| 36) Indeno(1,2,3-cd)pyrene    | 26.650 | 276  | 20860    | 0.421 | ng    | # 59     |
| 37) Benzo(b)fluoranthene      | 23.291 | 252  | 21719    | 0.441 | ng    | 95       |
| 38) Benzo(k)fluoranthene      | 23.344 | 252  | 21496    | 0.419 | ng    | 95       |
| 39) Benzo(a)pyrene            | 23.946 | 252  | 20321    | 0.432 | ng    | 91       |
| 40) Dibenzo(a,h)anthracene    | 26.677 | 278  | 15968    | 0.407 | ng    | 98       |
| 41) Benzo(g,h,i)perylene      | 27.452 | 276  | 18710    | 0.417 | ng    | 98       |

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

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN053023\  
Data File : BN025734.D  
Acq On : 31 May 2023 03:19  
Operator : CG/JU  
Sample : SSTDCCC0.4  
Misc :  
ALS Vial : 22 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

Quant Time: May 31 04:50:05 2023  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN052623.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon May 29 00:47:45 2023  
Response via : Initial Calibration

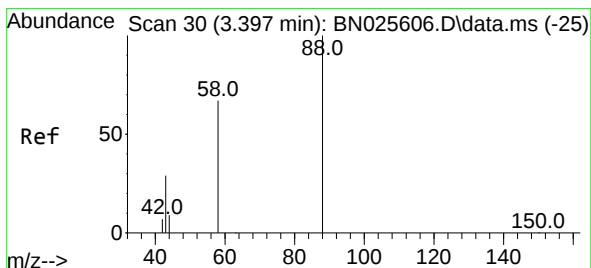
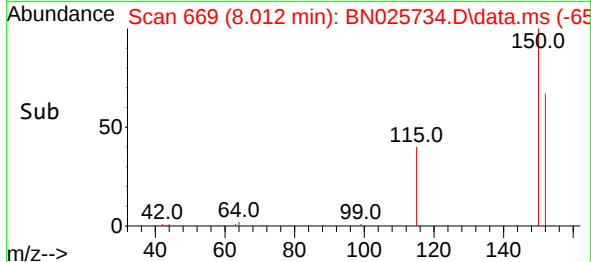
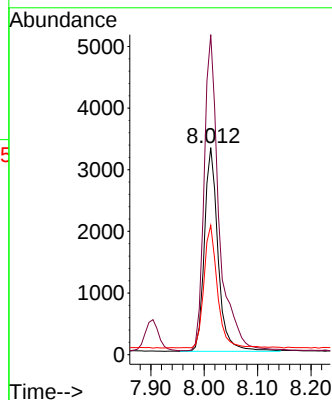
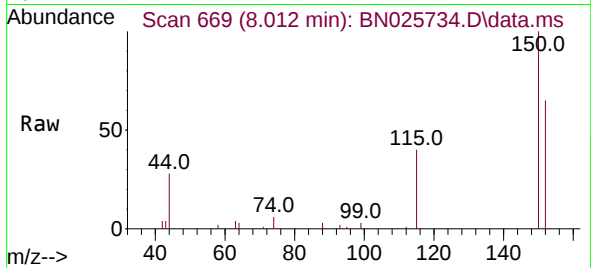




#1  
1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 8.012 min Scan# 6  
Delta R.T. -0.007 min  
Lab File: BN025734.D  
Acq: 31 May 2023 03:19

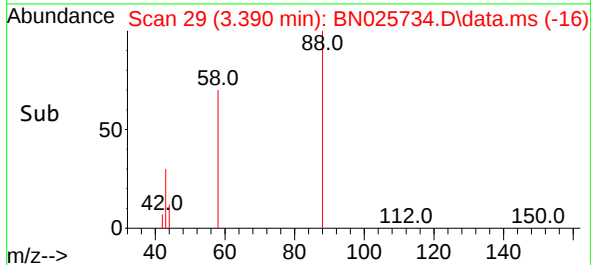
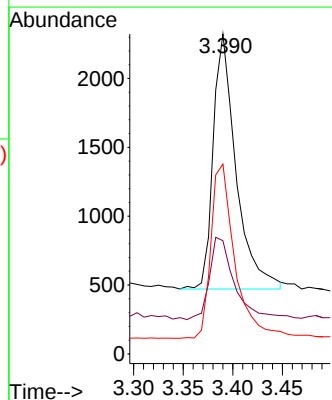
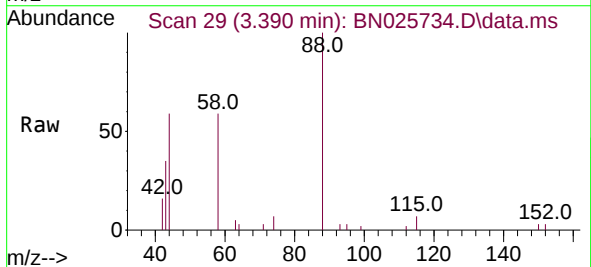
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

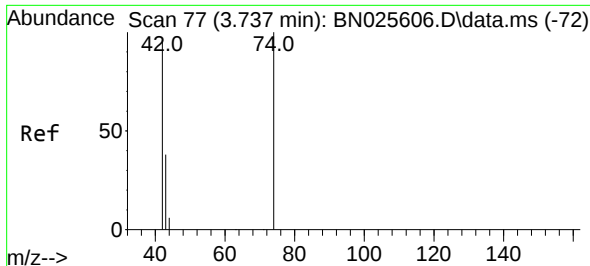
Tgt Ion:152 Resp: 5883  
Ion Ratio Lower Upper  
152 100  
150 154.5 121.0 181.6  
115 62.4 48.5 72.7



#2  
1,4-Dioxane  
Concen: 0.436 ng  
RT: 3.390 min Scan# 29  
Delta R.T. -0.007 min  
Lab File: BN025734.D  
Acq: 31 May 2023 03:19

Tgt Ion: 88 Resp: 2973  
Ion Ratio Lower Upper  
88 100  
43 35.0 26.5 39.7  
58 71.3 56.8 85.2

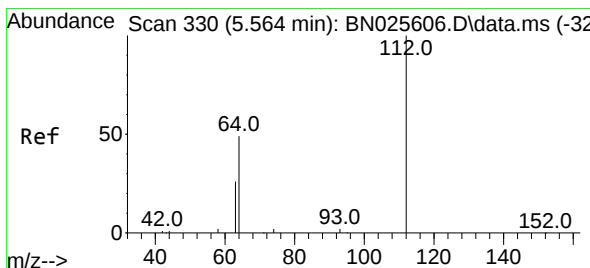
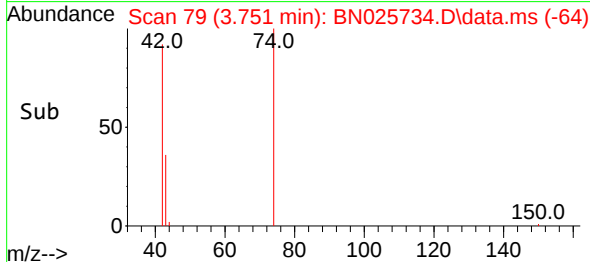
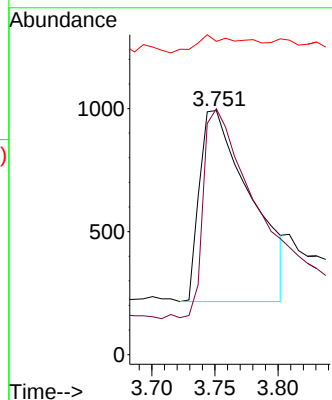
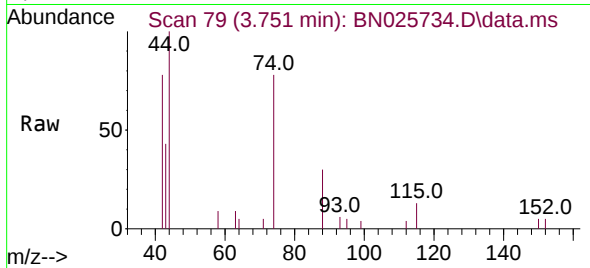




#3  
n-Nitrosodimethylamine  
Concen: 0.297 ng  
RT: 3.751 min Scan# 74  
Delta R.T. 0.007 min  
Lab File: BN025734.D  
Acq: 31 May 2023 03:19

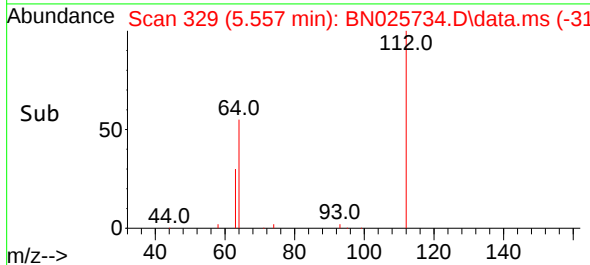
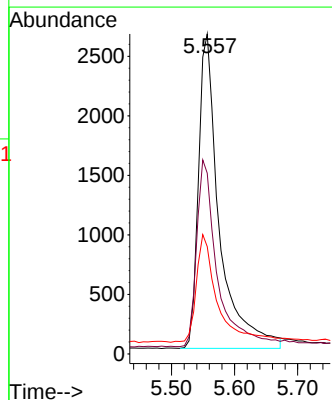
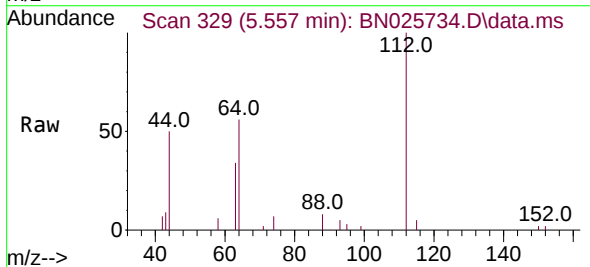
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

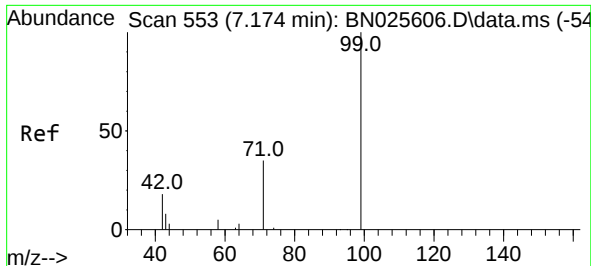
Tgt Ion: 42 Resp: 2176  
Ion Ratio Lower Upper  
42 100  
74 113.7 82.2 123.2  
44 8.8 0.0 0.0#



#4  
2-Fluorophenol  
Concen: 0.402 ng  
RT: 5.557 min Scan# 329  
Delta R.T. -0.000 min  
Lab File: BN025734.D  
Acq: 31 May 2023 03:19

Tgt Ion: 112 Resp: 6063  
Ion Ratio Lower Upper  
112 100  
64 59.0 45.7 68.5  
63 34.6 26.2 39.2

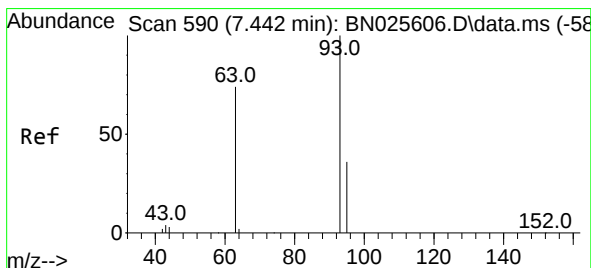
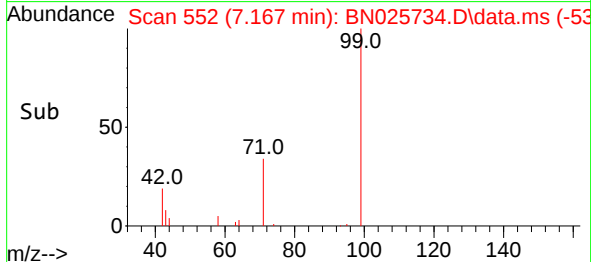
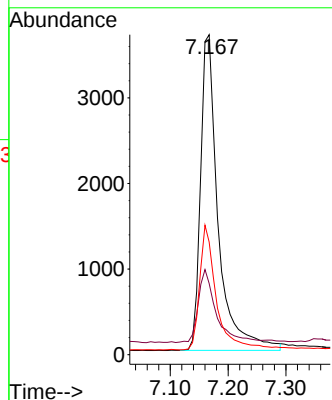
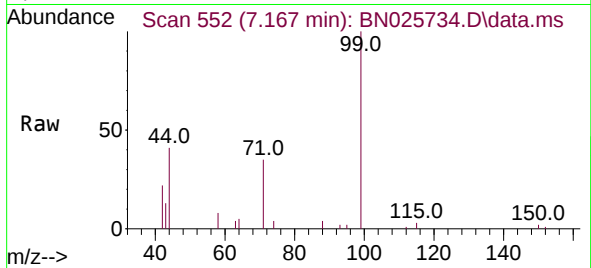




#5  
Phenol-d6  
Concen: 0.435 ng  
RT: 7.167 min Scan# 51  
Delta R.T. -0.007 min  
Lab File: BN025734.D  
Acq: 31 May 2023 03:19

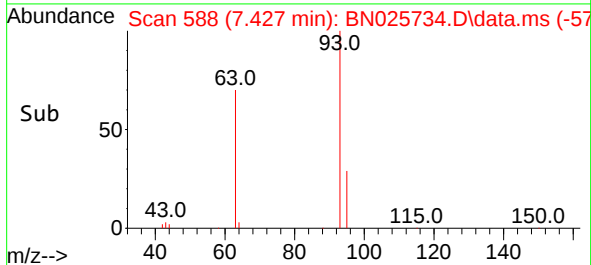
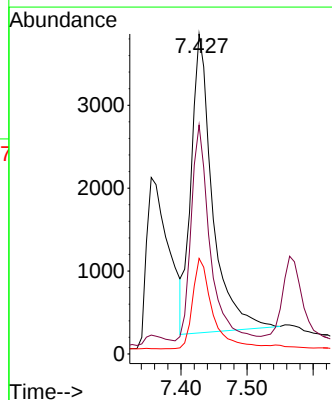
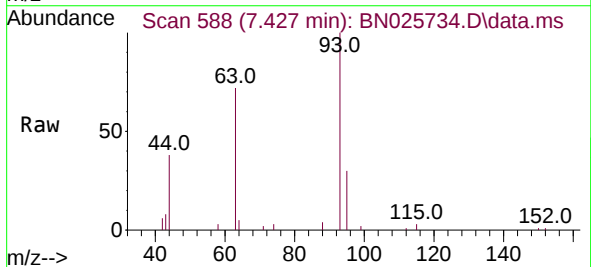
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

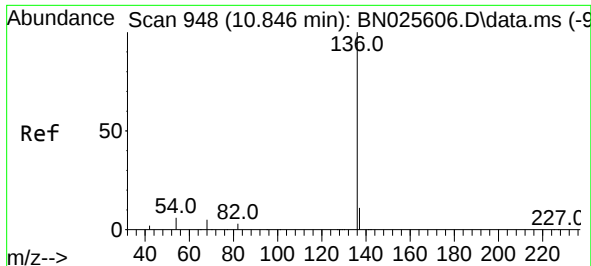
Tgt Ion: 99 Resp: 7869  
Ion Ratio Lower Upper  
99 100  
42 23.7 17.1 25.7  
71 37.7 29.3 43.9



#6  
bis(2-Chloroethyl)ether  
Concen: 0.435 ng  
RT: 7.427 min Scan# 588  
Delta R.T. -0.007 min  
Lab File: BN025734.D  
Acq: 31 May 2023 03:19

Tgt Ion: 93 Resp: 8088  
Ion Ratio Lower Upper  
93 100  
63 64.7 49.1 73.7  
95 28.3 22.6 33.8

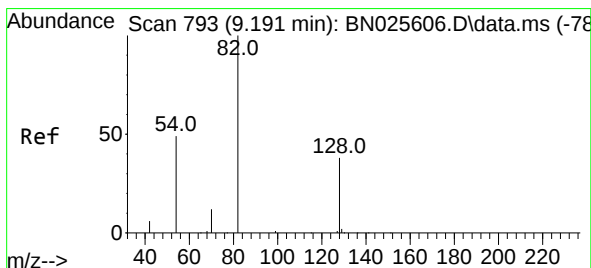
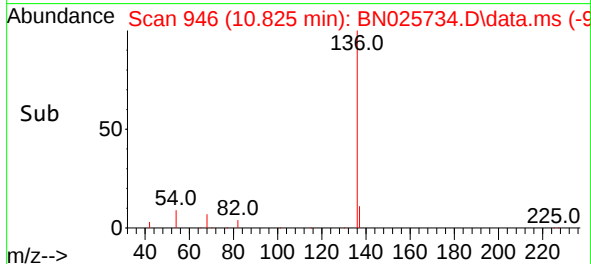
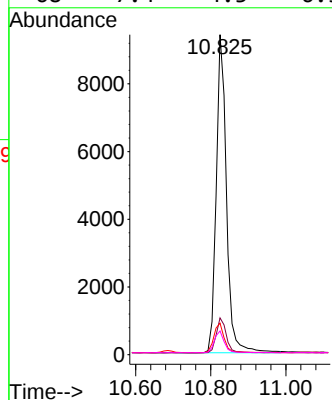
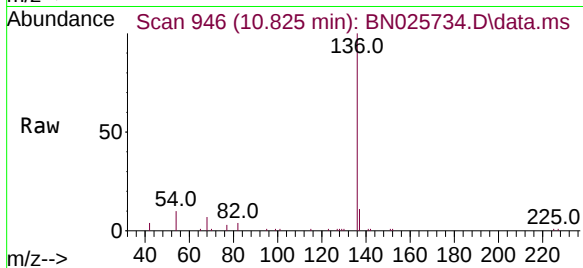




#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.825 min Scan# 948  
Delta R.T. -0.011 min  
Lab File: BN025734.D  
Acq: 31 May 2023 03:19

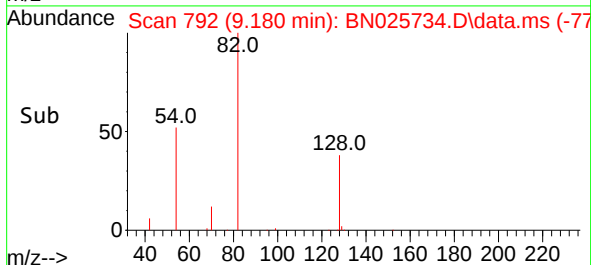
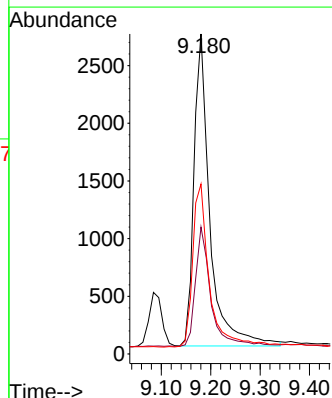
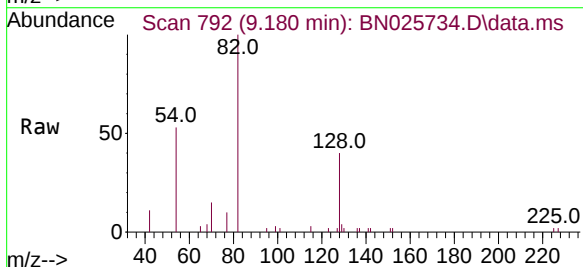
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

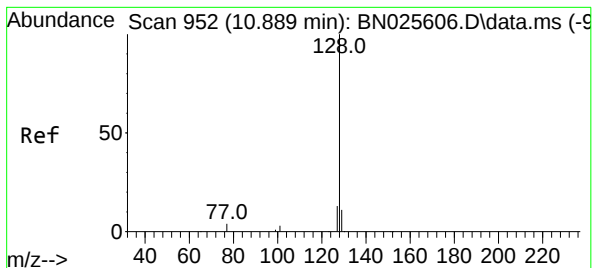
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 136   | Resp: | 17821 |
| Ion Ratio | Lower | Upper |       |
| 136       | 100   |       |       |
| 137       | 11.5  | 9.1   | 13.7  |
| 54        | 9.8   | 5.4   | 8.0#  |
| 68        | 7.4   | 4.3   | 6.5#  |



#8  
Nitrobenzene-d5  
Concen: 0.405 ng  
RT: 9.180 min Scan# 792  
Delta R.T. -0.011 min  
Lab File: BN025734.D  
Acq: 31 May 2023 03:19

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 82    | Resp: | 6040 |
| Ion Ratio | Lower | Upper |      |
| 82        | 100   |       |      |
| 128       | 39.7  | 32.5  | 48.7 |
| 54        | 53.1  | 40.6  | 60.8 |





#9

Naphthalene

Concen: 0.433 ng

RT: 10.878 min Scan# 91

Delta R.T. -0.011 min

Lab File: BN025734.D

Acq: 31 May 2023 03:19

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4EC

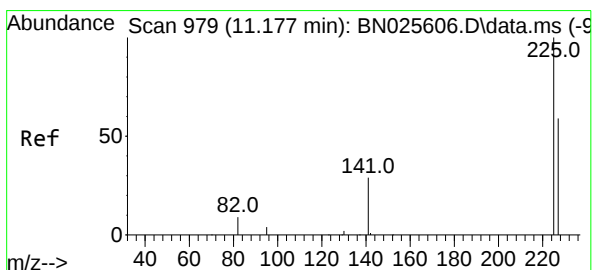
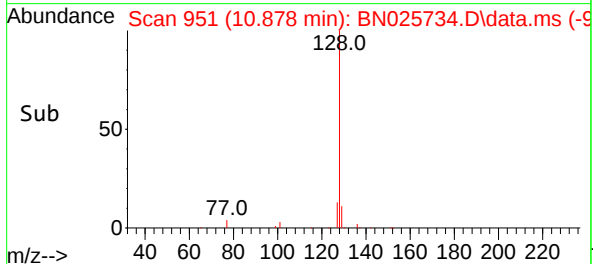
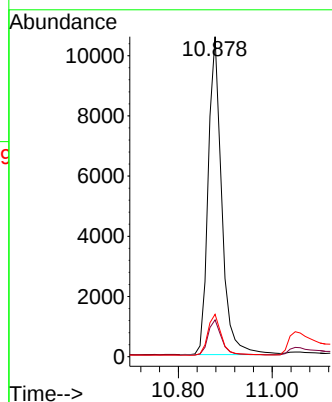
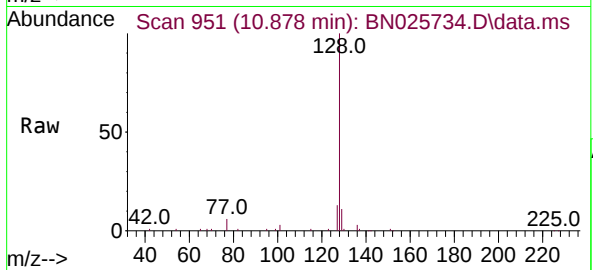
Tgt Ion:128 Resp: 21107

Ion Ratio Lower Upper

128 100

129 11.5 9.3 13.9

127 13.3 11.0 16.6



#10

Hexachlorobutadiene

Concen: 0.418 ng

RT: 11.166 min Scan# 978

Delta R.T. -0.011 min

Lab File: BN025734.D

Acq: 31 May 2023 03:19

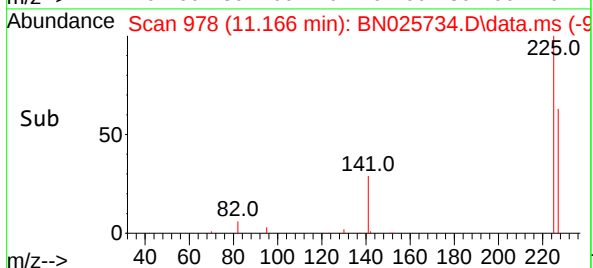
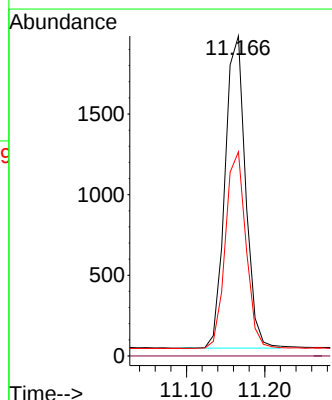
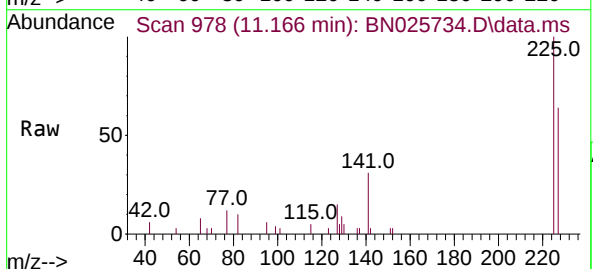
Tgt Ion:225 Resp: 3530

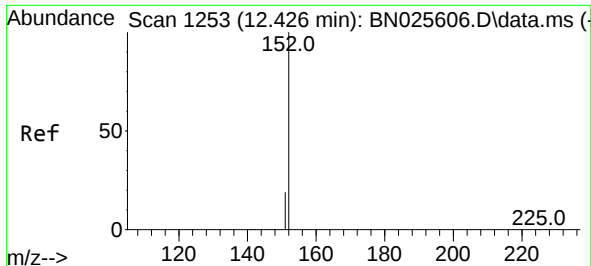
Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

227 63.0 48.4 72.6

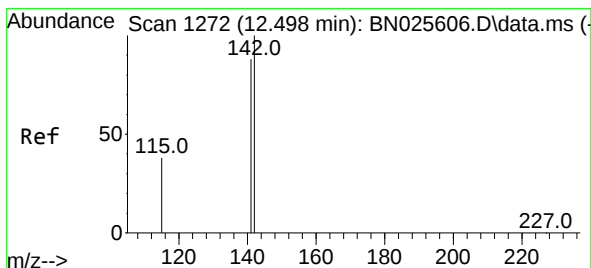
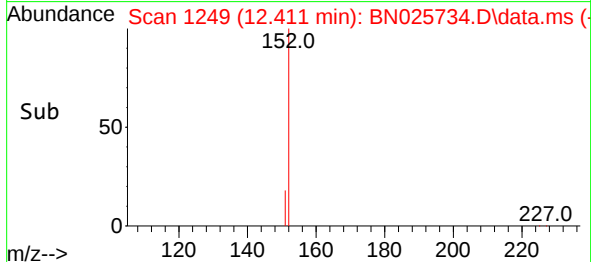
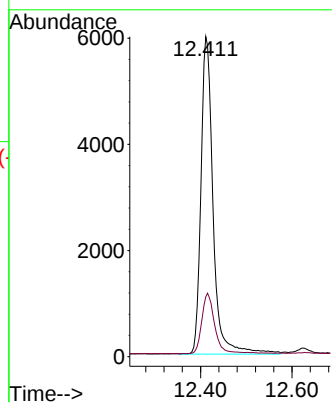
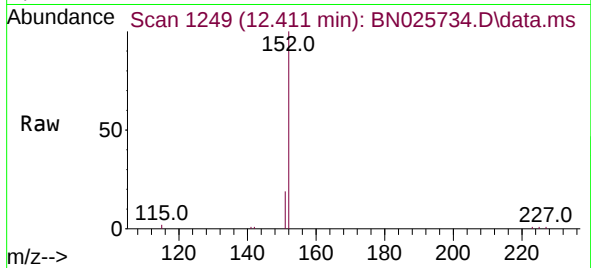




#11  
2-Methylnaphthalene-d10  
Concen: 0.433 ng  
RT: 12.411 min Scan# 11  
Delta R.T. -0.012 min  
Lab File: BN025734.D  
Acq: 31 May 2023 03:19

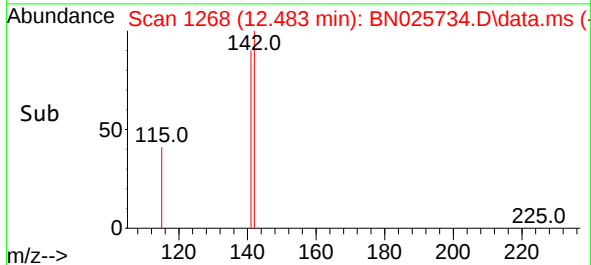
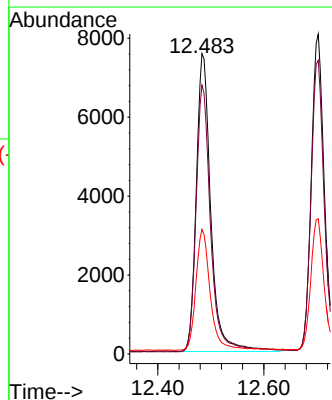
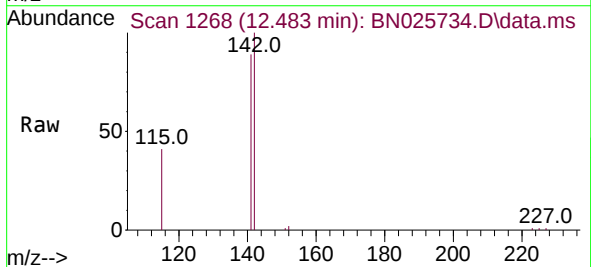
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

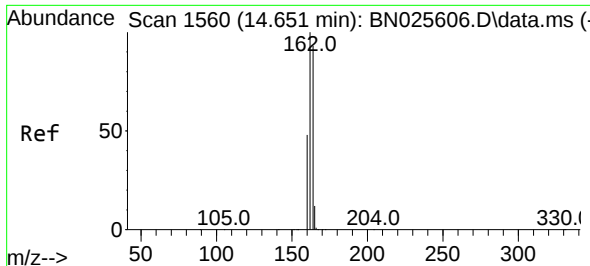
Tgt Ion:152 Resp: 11011  
Ion Ratio Lower Upper  
152 100  
151 20.3 16.1 24.1



#12  
2-Methylnaphthalene  
Concen: 0.429 ng  
RT: 12.483 min Scan# 1268  
Delta R.T. -0.011 min  
Lab File: BN025734.D  
Acq: 31 May 2023 03:19

Tgt Ion:142 Resp: 14388  
Ion Ratio Lower Upper  
142 100  
141 89.5 70.7 106.1  
115 41.4 31.5 47.3

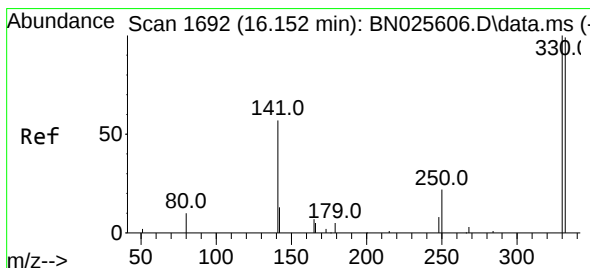
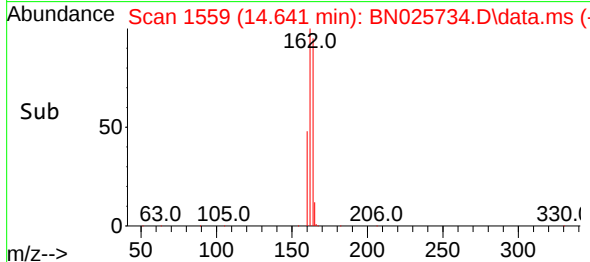
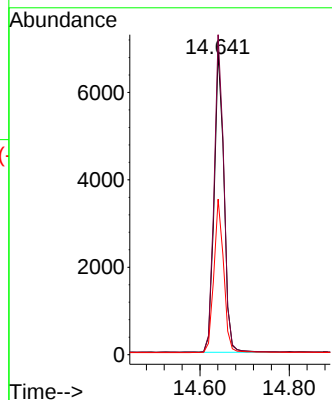
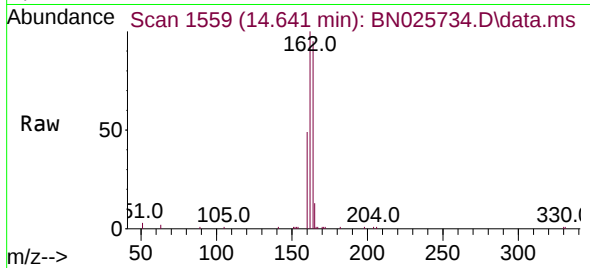




#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.641 min Scan# 1559  
Delta R.T. -0.011 min  
Lab File: BN025734.D  
Acq: 31 May 2023 03:19

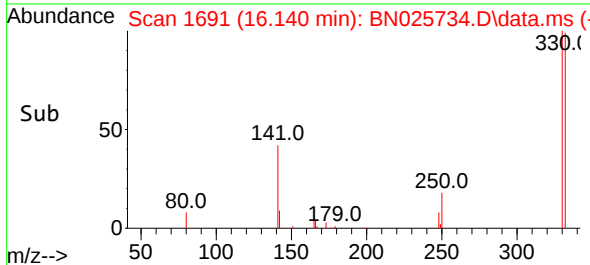
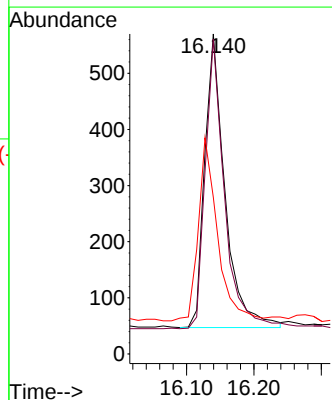
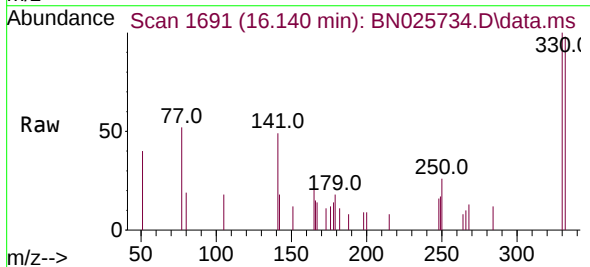
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

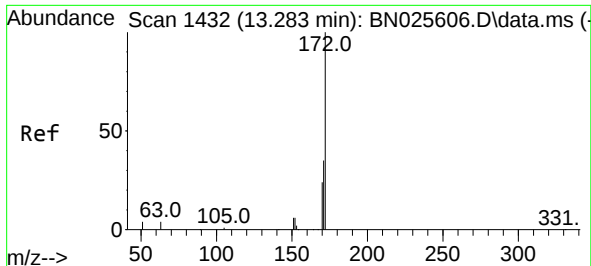
Tgt Ion:164 Resp: 10443  
Ion Ratio Lower Upper  
164 100  
162 105.6 86.4 129.6  
160 51.3 41.9 62.9



#14  
2,4,6-Tribromophenol  
Concen: 0.519 ng  
RT: 16.140 min Scan# 1691  
Delta R.T. -0.012 min  
Lab File: BN025734.D  
Acq: 31 May 2023 03:19

Tgt Ion:330 Resp: 1096  
Ion Ratio Lower Upper  
330 100  
332 93.2 80.0 120.0  
141 58.9 45.8 68.6

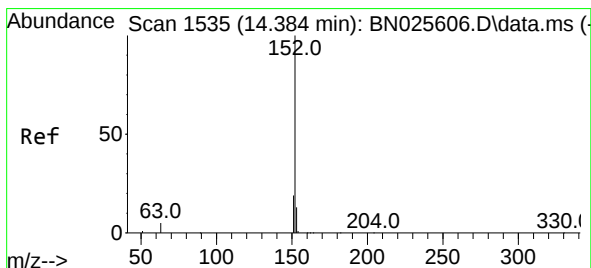
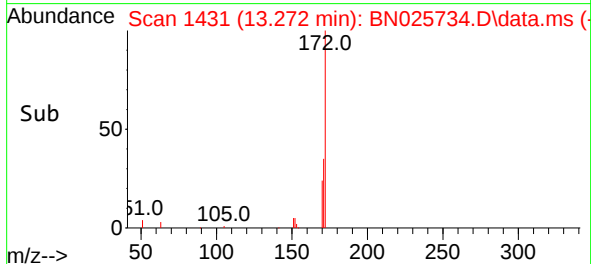
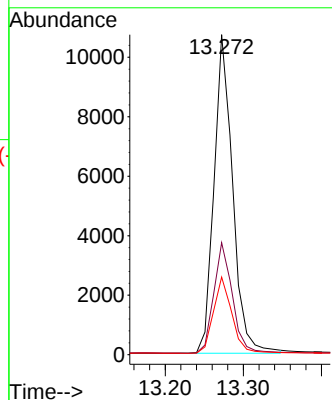
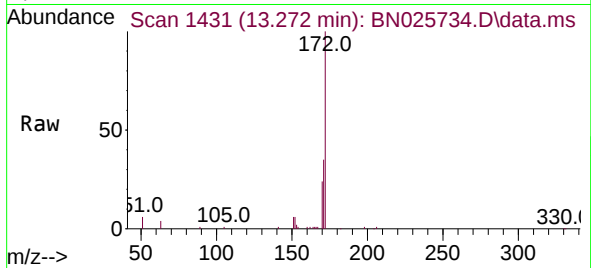




#15  
2-Fluorobiphenyl  
Concen: 0.412 ng  
RT: 13.272 min Scan# 1432  
Delta R.T. -0.011 min  
Lab File: BN025734.D  
Acq: 31 May 2023 03:19

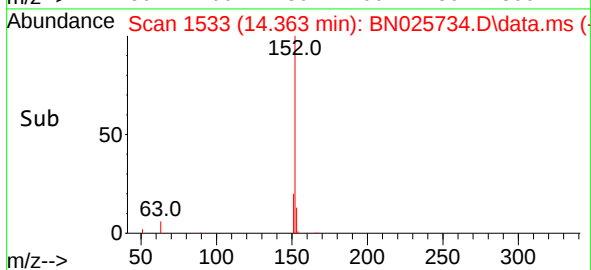
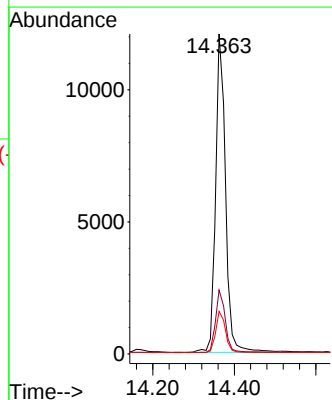
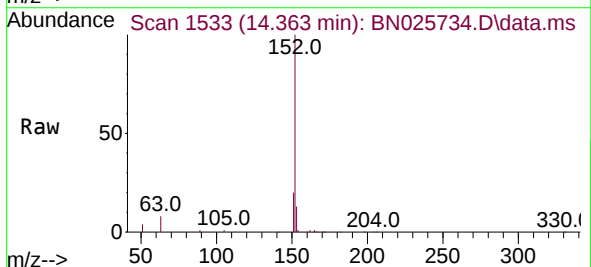
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

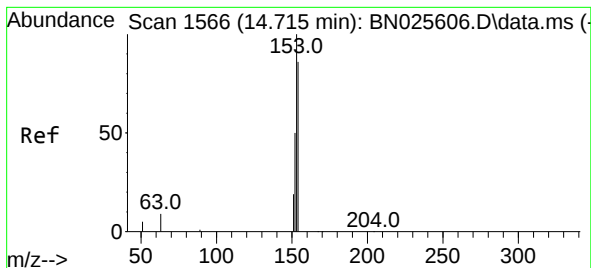
Tgt Ion:172 Resp: 17775  
Ion Ratio Lower Upper  
172 100  
171 35.0 28.6 42.8  
170 24.2 19.7 29.5



#16  
Acenaphthylene  
Concen: 0.411 ng  
RT: 14.363 min Scan# 1533  
Delta R.T. -0.011 min  
Lab File: BN025734.D  
Acq: 31 May 2023 03:19

Tgt Ion:152 Resp: 20259  
Ion Ratio Lower Upper  
152 100  
151 19.4 15.8 23.6  
153 12.9 10.6 15.8





#17

Acenaphthene

Concen: 0.427 ng

RT: 14.705 min Scan# 1565

Delta R.T. -0.010 min

Lab File: BN025734.D

Acq: 31 May 2023 03:19

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4EC

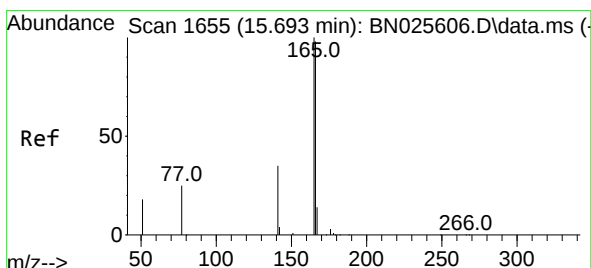
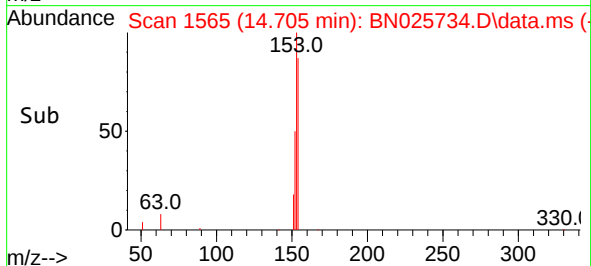
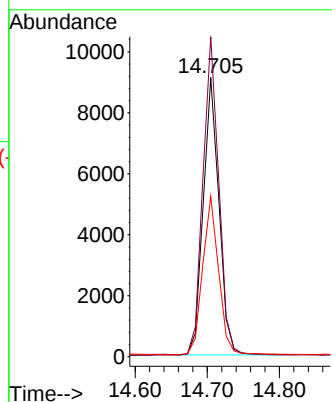
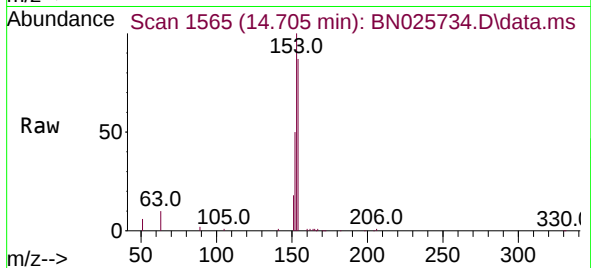
Tgt Ion:154 Resp: 13860

Ion Ratio Lower Upper

154 100

153 115.6 91.9 137.9

152 57.7 45.4 68.2



#18

Fluorene

Concen: 0.427 ng

RT: 15.693 min Scan# 1655

Delta R.T. -0.000 min

Lab File: BN025734.D

Acq: 31 May 2023 03:19

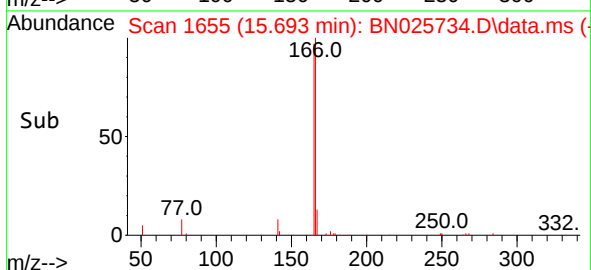
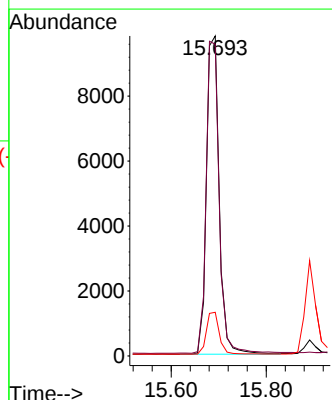
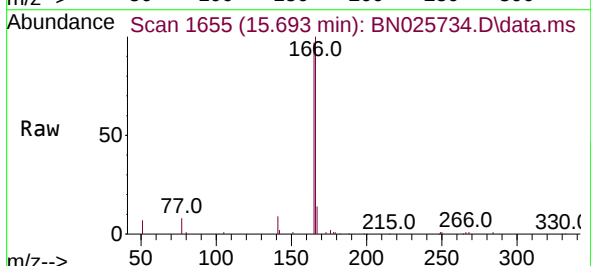
Tgt Ion:166 Resp: 18342

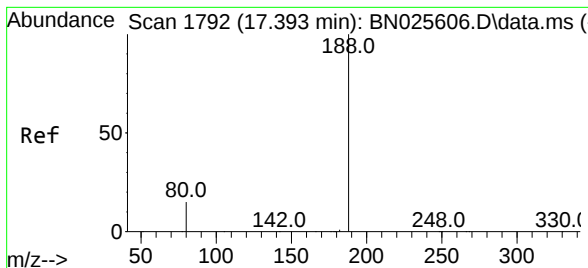
Ion Ratio Lower Upper

166 100

165 99.7 79.3 118.9

167 13.5 10.7 16.1





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.393 min Scan# 11

Delta R.T. -0.000 min

Lab File: BN025734.D

Acq: 31 May 2023 03:19

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4EC

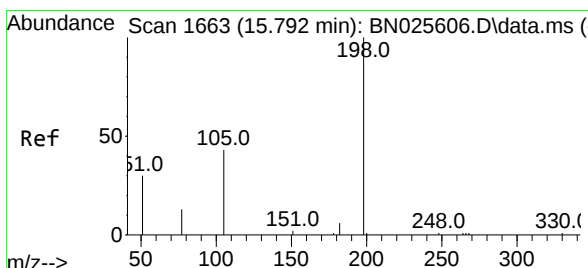
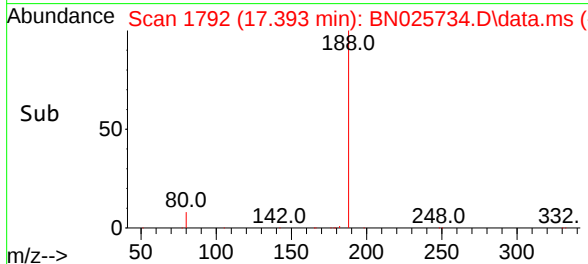
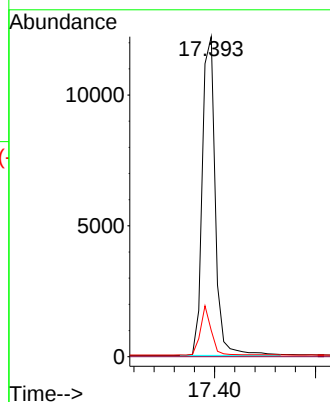
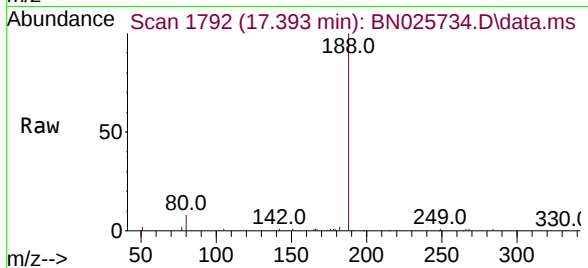
Tgt Ion:188 Resp: 21885

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 8.2 12.2 18.2#



#20

4,6-Dinitro-2-methylphenol

Concen: 0.505 ng

RT: 15.780 min Scan# 1662

Delta R.T. -0.012 min

Lab File: BN025734.D

Acq: 31 May 2023 03:19

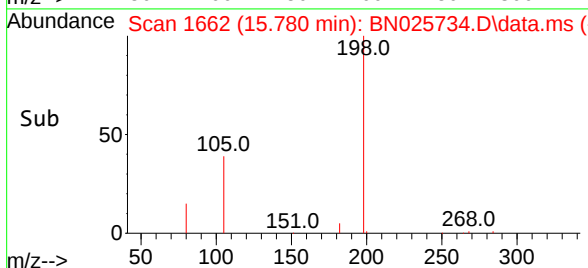
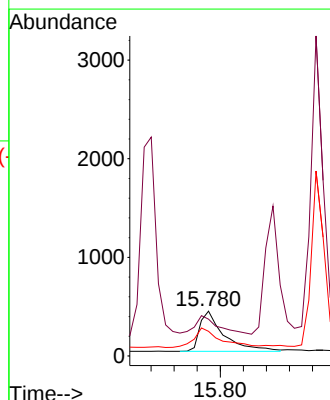
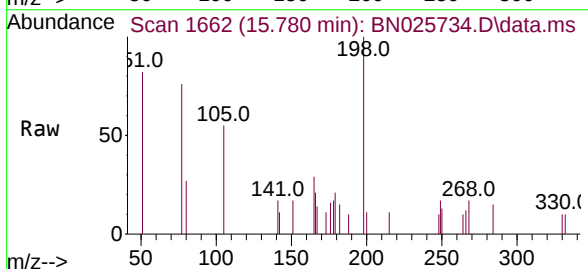
Tgt Ion:198 Resp: 1195

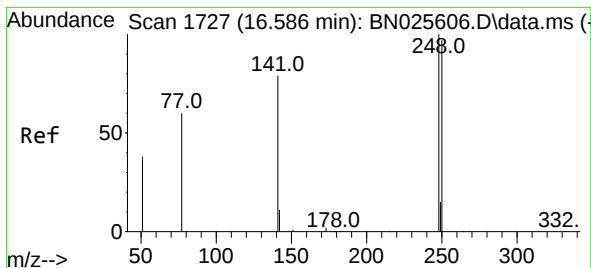
Ion Ratio Lower Upper

198 100

51 82.4 110.8 166.2#

105 55.1 61.9 92.9#

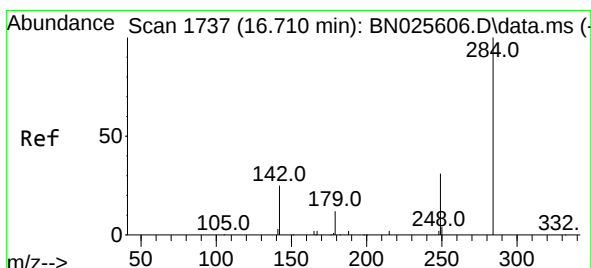
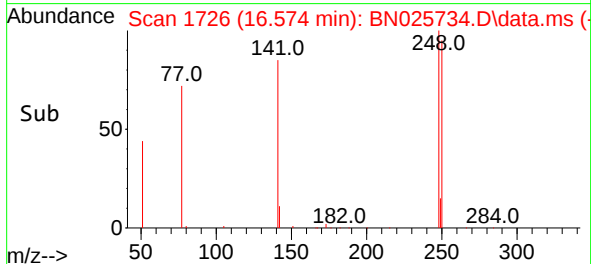
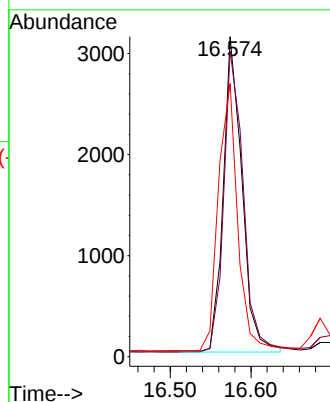
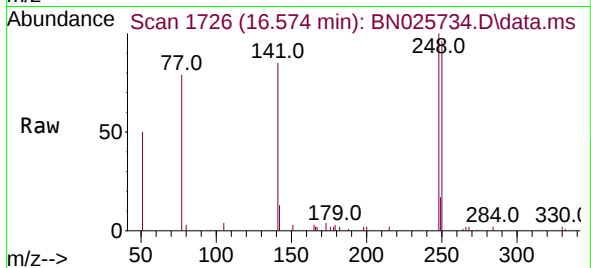




#21  
4-Bromophenyl-phenylether  
Concen: 0.405 ng  
RT: 16.574 min Scan# 1726  
Delta R.T. -0.012 min  
Lab File: BN025734.D  
Acq: 31 May 2023 03:19

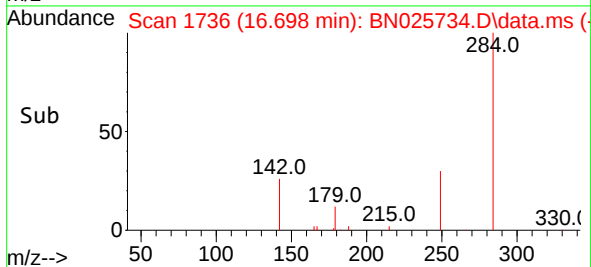
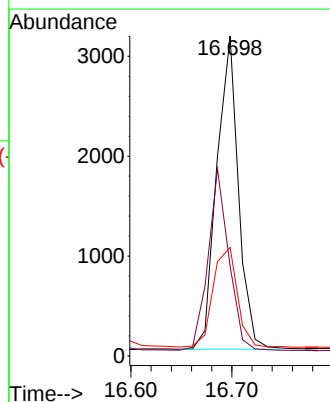
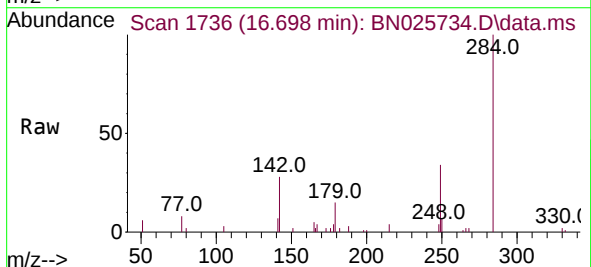
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

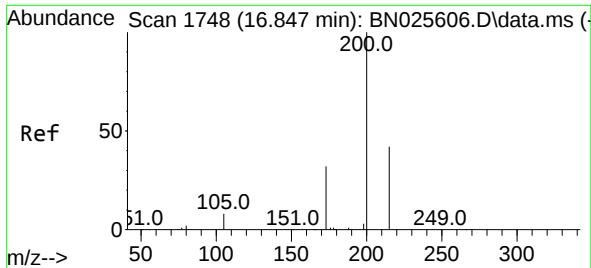
Tgt Ion:248 Resp: 5038  
Ion Ratio Lower Upper  
248 100  
250 95.5 77.5 116.3  
141 85.4 64.0 96.0



#22  
Hexachlorobenzene  
Concen: 0.410 ng  
RT: 16.698 min Scan# 1736  
Delta R.T. -0.000 min  
Lab File: BN025734.D  
Acq: 31 May 2023 03:19

Tgt Ion:284 Resp: 4657  
Ion Ratio Lower Upper  
284 100  
142 55.1 42.0 63.0  
249 35.5 28.6 43.0

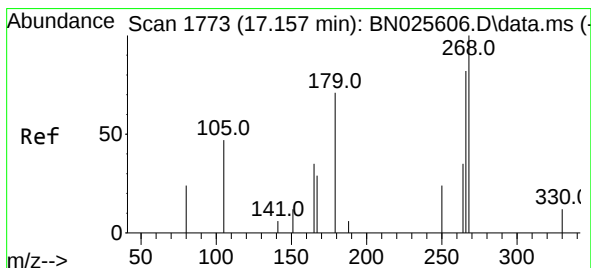
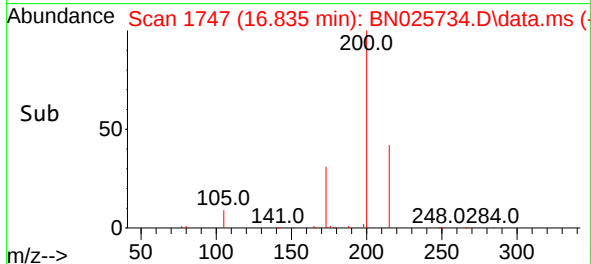
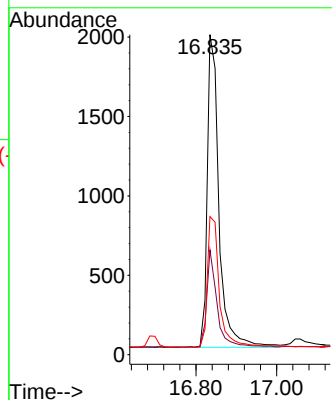
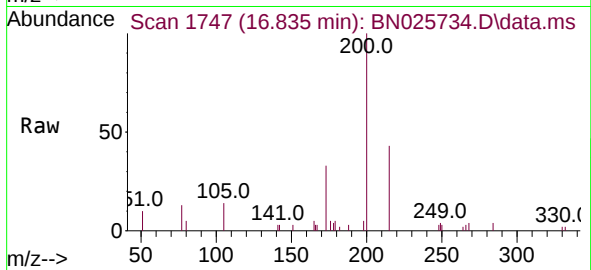




#23  
 Atrazine  
 Concen: 0.398 ng  
 RT: 16.835 min Scan# 1765  
 Delta R.T. -0.012 min  
 Lab File: BN025734.D  
 Acq: 31 May 2023 03:19

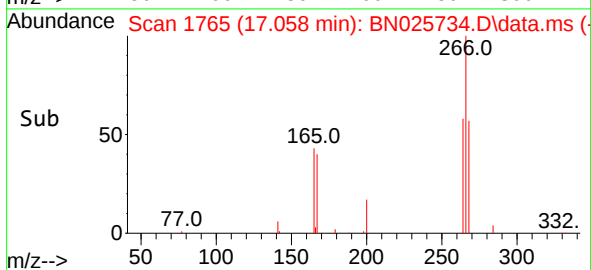
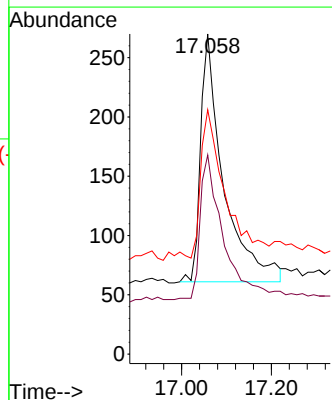
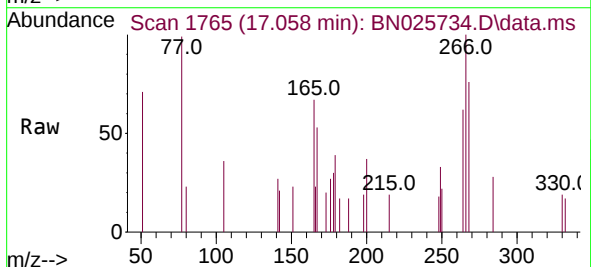
Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC0.4EC

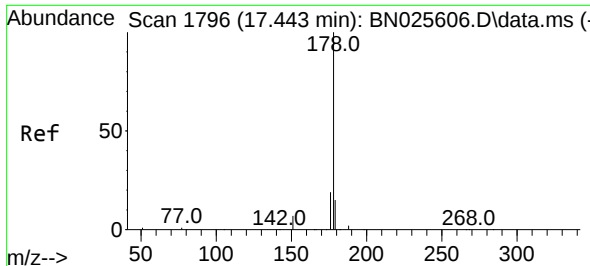
Tgt Ion:200 Resp: 3949  
 Ion Ratio Lower Upper  
 200 100  
 173 32.8 27.9 41.9  
 215 43.2 35.1 52.7



#24  
 Pentachlorophenol  
 Concen: 0.807 ng  
 RT: 17.058 min Scan# 1765  
 Delta R.T. -0.013 min  
 Lab File: BN025734.D  
 Acq: 31 May 2023 03:19

Tgt Ion:266 Resp: 740  
 Ion Ratio Lower Upper  
 266 100  
 264 57.3 60.0 90.0#  
 268 60.7 0.0 0.0#

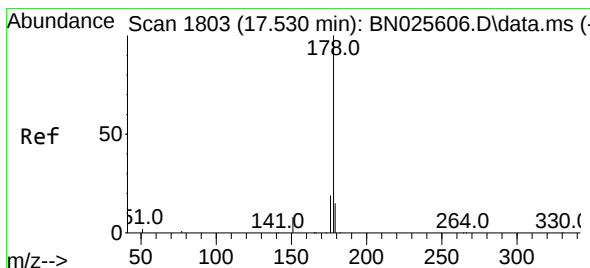
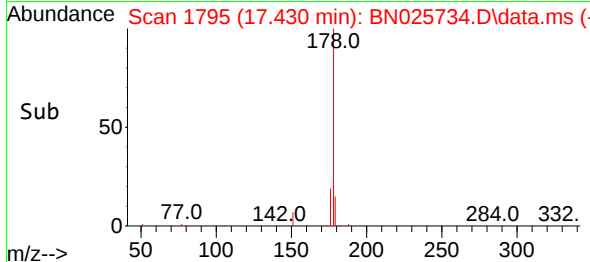
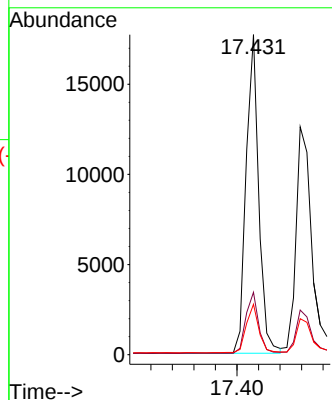
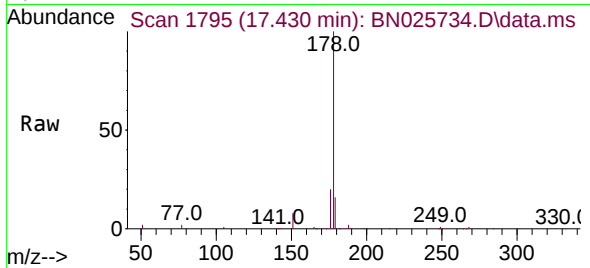




#25  
Phenanthrene  
Concen: 0.429 ng  
RT: 17.430 min Scan# 1796  
Delta R.T. -0.000 min  
Lab File: BN025734.D  
Acq: 31 May 2023 03:19

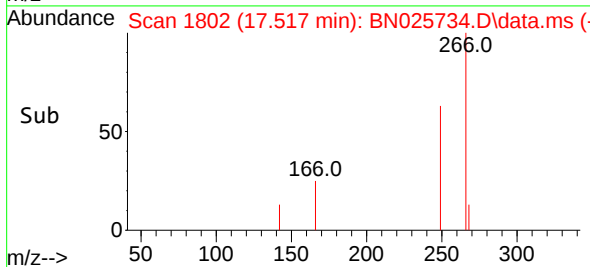
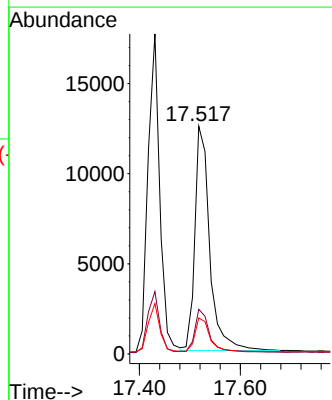
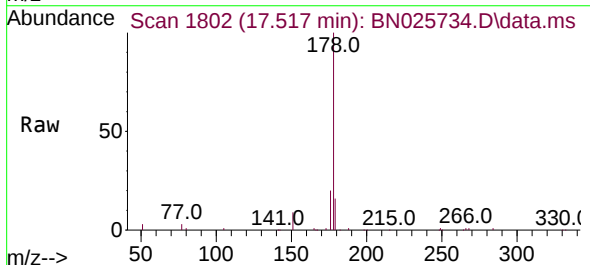
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

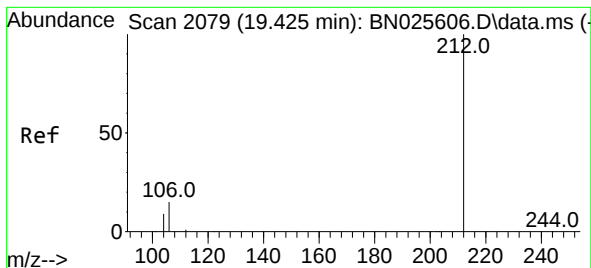
Tgt Ion:178 Resp: 28579  
Ion Ratio Lower Upper  
178 100  
176 19.3 15.4 23.2  
179 15.3 12.6 19.0



#26  
Anthracene  
Concen: 0.422 ng  
RT: 17.517 min Scan# 1802  
Delta R.T. -0.012 min  
Lab File: BN025734.D  
Acq: 31 May 2023 03:19

Tgt Ion:178 Resp: 25438  
Ion Ratio Lower Upper  
178 100  
176 18.7 14.8 22.2  
179 14.7 12.2 18.2

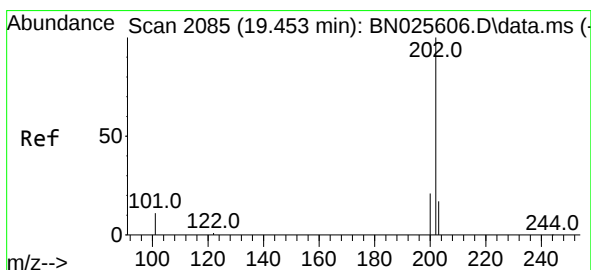
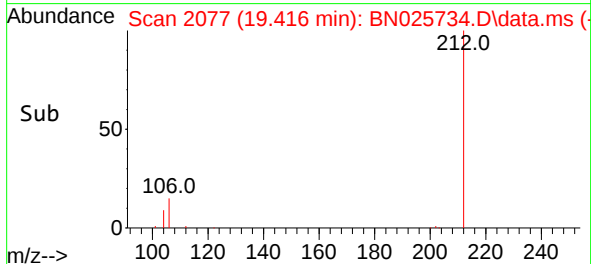
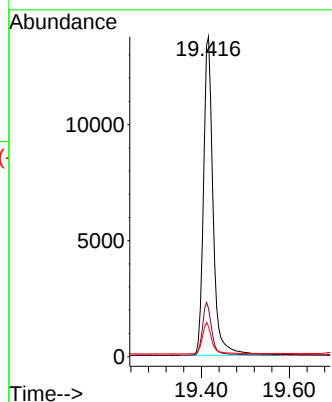
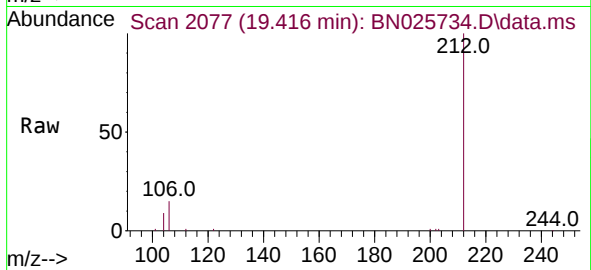




#27  
Fluoranthene-d10  
Concen: 0.421 ng  
RT: 19.416 min Scan# 2077  
Delta R.T. -0.005 min  
Lab File: BN025734.D  
Acq: 31 May 2023 03:19

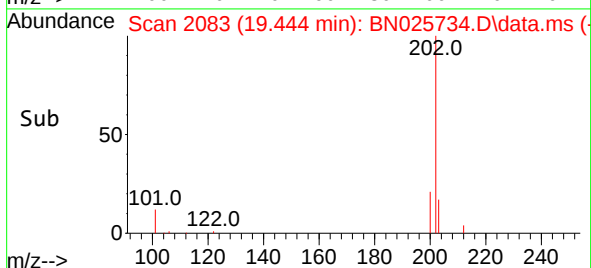
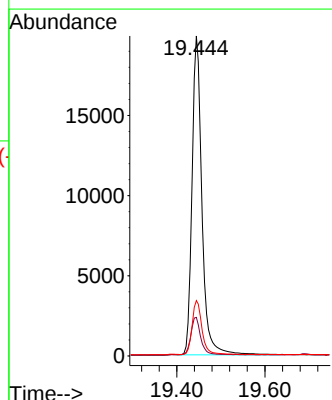
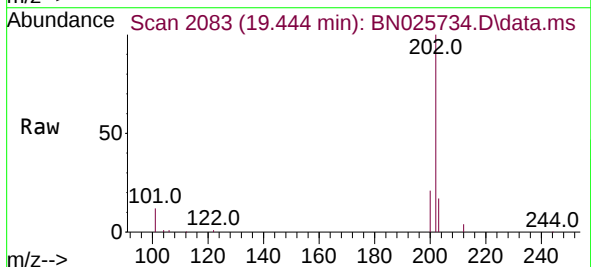
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

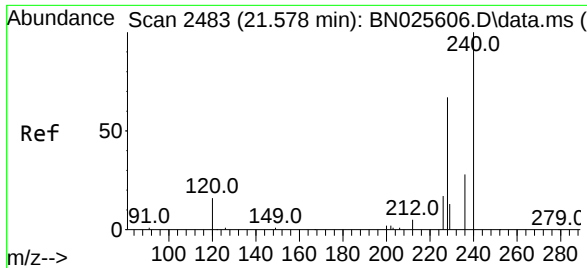
Tgt Ion:212 Resp: 20852  
Ion Ratio Lower Upper  
212 100  
106 16.3 12.3 18.5  
104 9.7 7.2 10.8



#28  
Fluoranthene  
Concen: 0.428 ng  
RT: 19.444 min Scan# 2083  
Delta R.T. -0.009 min  
Lab File: BN025734.D  
Acq: 31 May 2023 03:19

Tgt Ion:202 Resp: 31051  
Ion Ratio Lower Upper  
202 100  
101 12.0 9.2 13.8  
203 16.8 13.3 19.9

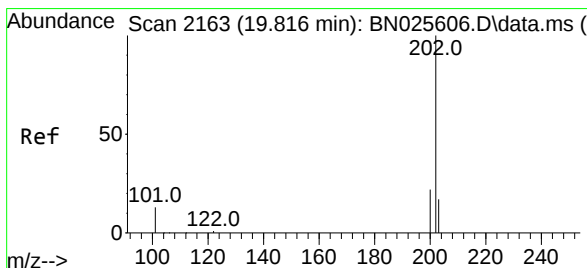
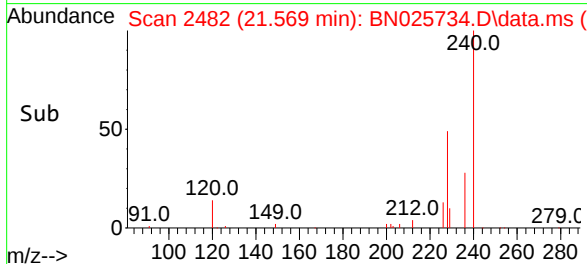
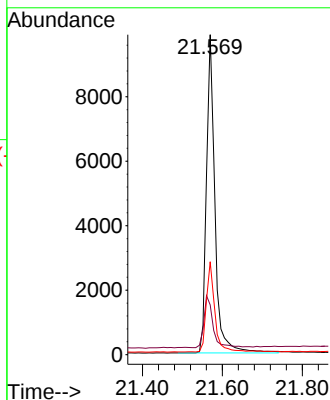
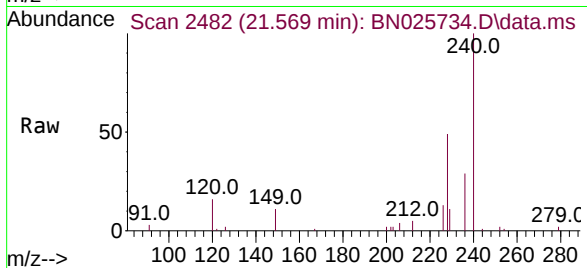




#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.569 min Scan# 2482  
Delta R.T. -0.009 min  
Lab File: BN025734.D  
Acq: 31 May 2023 03:19

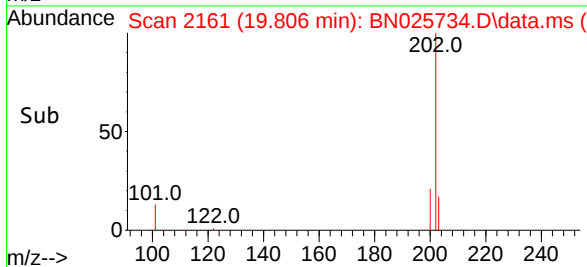
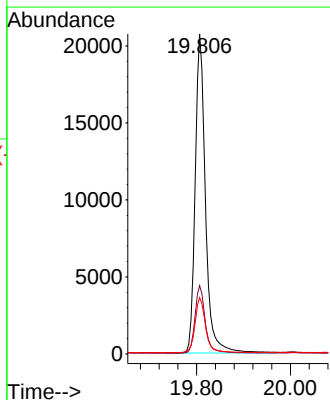
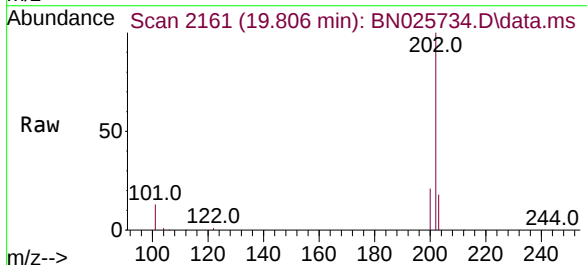
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

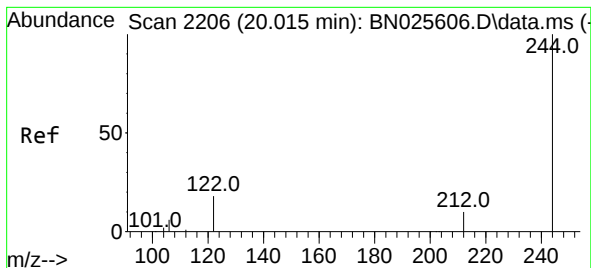
Tgt Ion:240 Resp: 14595  
Ion Ratio Lower Upper  
240 100  
120 15.5 15.4 23.0  
236 29.1 23.2 34.8



#30  
Pyrene  
Concen: 0.444 ng  
RT: 19.806 min Scan# 2161  
Delta R.T. -0.009 min  
Lab File: BN025734.D  
Acq: 31 May 2023 03:19

Tgt Ion:202 Resp: 31517  
Ion Ratio Lower Upper  
202 100  
200 21.2 17.1 25.7  
203 17.8 14.5 21.7





#31

Terphenyl-d14

Concen: 0.413 ng

RT: 20.006 min Scan# 21

Delta R.T. -0.009 min

Lab File: BN025734.D

Acq: 31 May 2023 03:19

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4EC

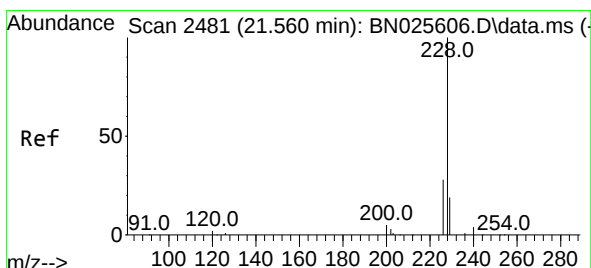
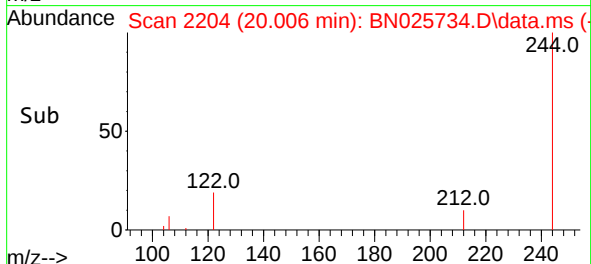
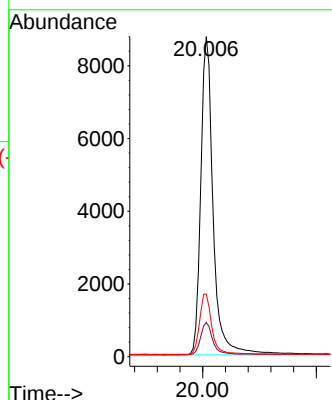
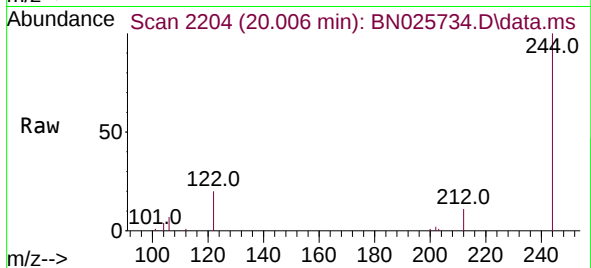
Tgt Ion:244 Resp: 13212

Ion Ratio Lower Upper

244 100

212 10.6 8.5 12.7

122 19.5 14.9 22.3



#32

Benzo(a)anthracene

Concen: 0.409 ng

RT: 21.551 min Scan# 2480

Delta R.T. -0.009 min

Lab File: BN025734.D

Acq: 31 May 2023 03:19

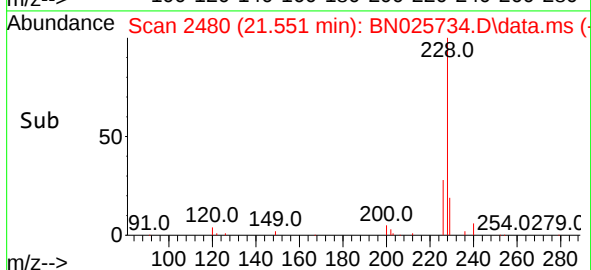
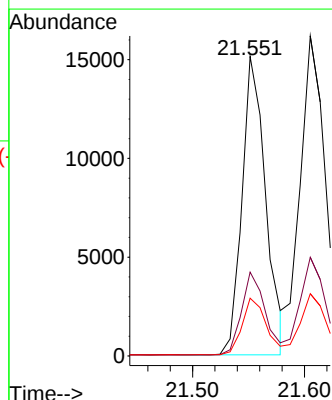
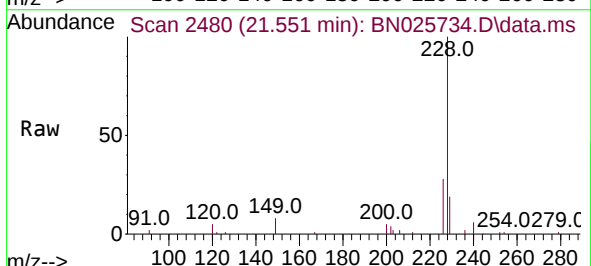
Tgt Ion:228 Resp: 22220

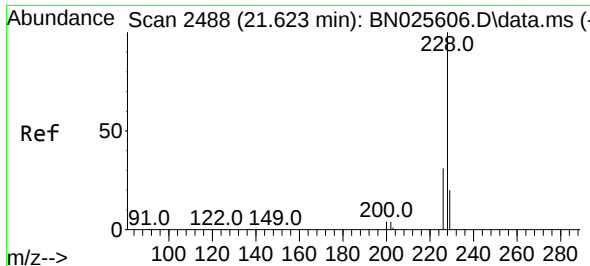
Ion Ratio Lower Upper

228 100

226 28.0 22.9 34.3

229 19.3 15.9 23.9

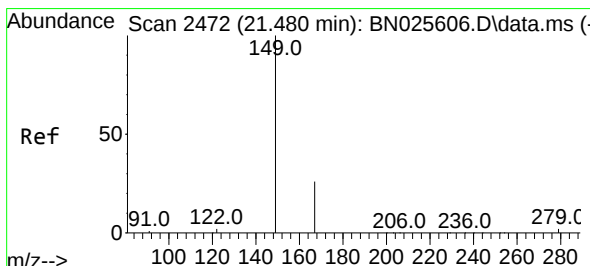
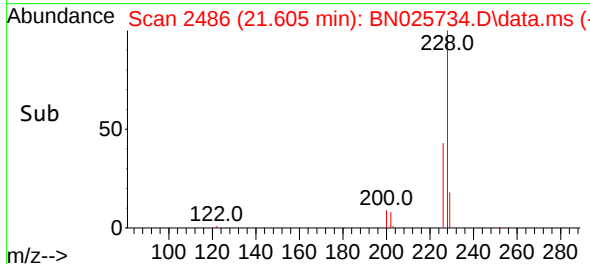
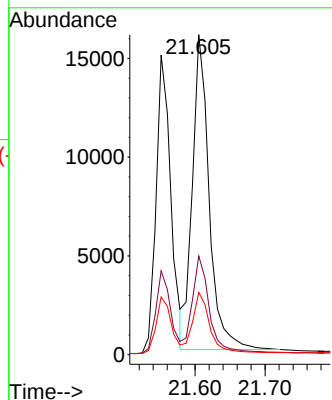
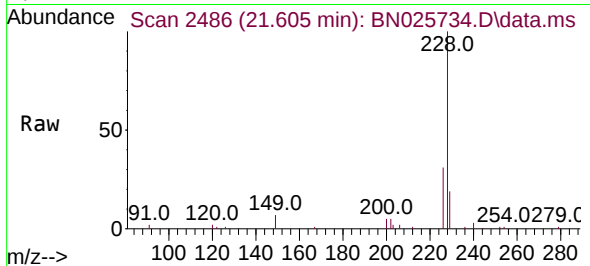




#33  
Chrysene  
Concen: 0.451 ng  
RT: 21.605 min Scan# 2486  
Delta R.T. -0.009 min  
Lab File: BN025734.D  
Acq: 31 May 2023 03:19

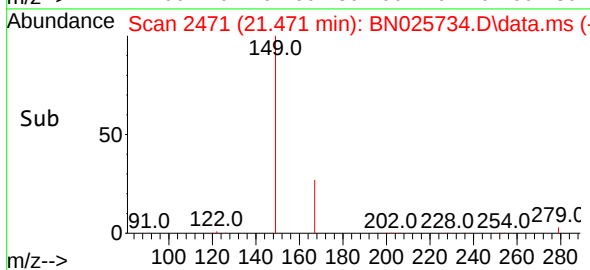
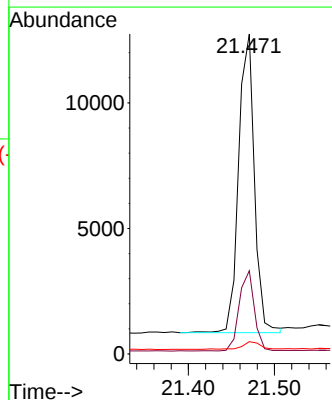
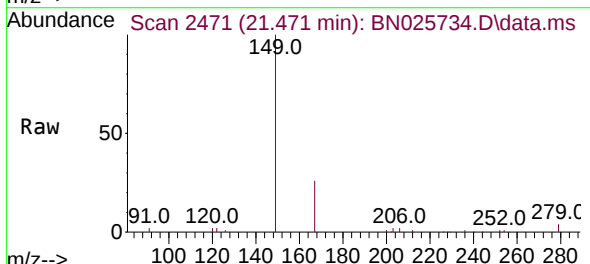
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

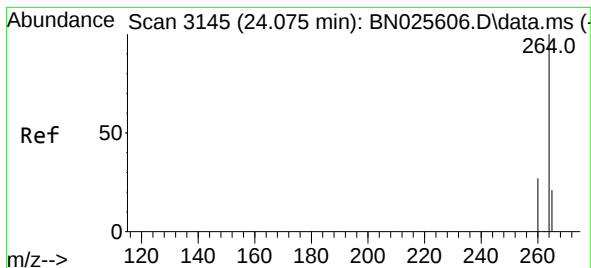
Tgt Ion:228 Resp: 26622  
Ion Ratio Lower Upper  
228 100  
226 30.9 24.5 36.7  
229 19.5 16.2 24.4



#34  
Bis(2-ethylhexyl)phthalate  
Concen: 0.459 ng  
RT: 21.471 min Scan# 2471  
Delta R.T. -0.000 min  
Lab File: BN025734.D  
Acq: 31 May 2023 03:19

Tgt Ion:149 Resp: 15185  
Ion Ratio Lower Upper  
149 100  
167 26.3 20.4 30.6  
279 3.0 3.3 4.9#





#35

Perylene-d12

Concen: 0.400 ng

RT: 24.054 min Scan# 31

Delta R.T. -0.015 min

Lab File: BN025734.D

Acq: 31 May 2023 03:19

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4EC

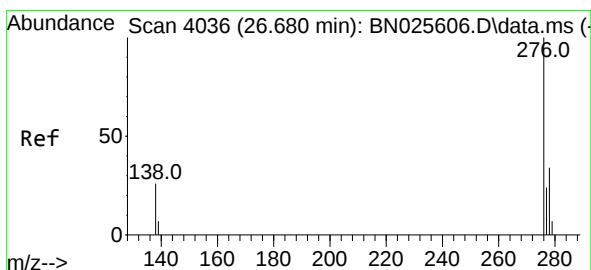
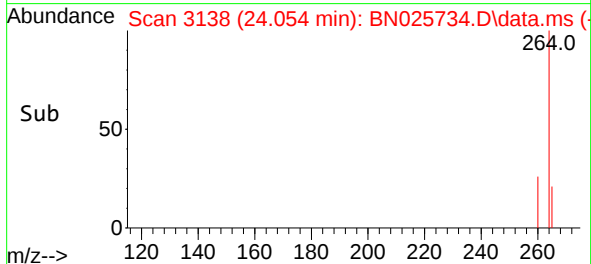
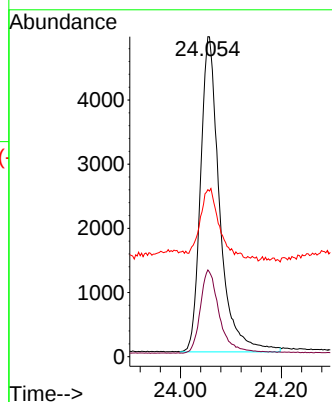
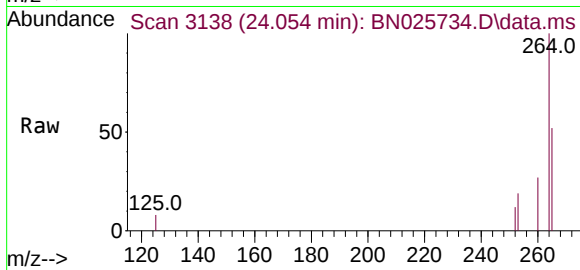
Tgt Ion:264 Resp: 12931

Ion Ratio Lower Upper

264 100

260 27.1 22.3 33.5

265 52.2 54.3 81.5#



#36

Indeno(1,2,3-cd)pyrene

Concen: 0.421 ng

RT: 26.650 min Scan# 4026

Delta R.T. -0.029 min

Lab File: BN025734.D

Acq: 31 May 2023 03:19

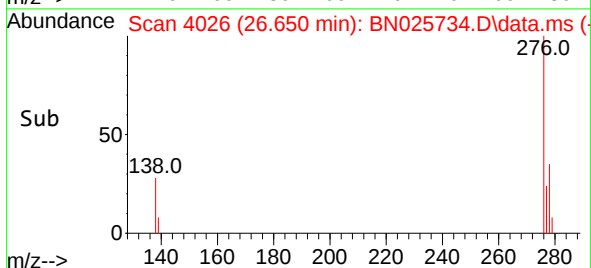
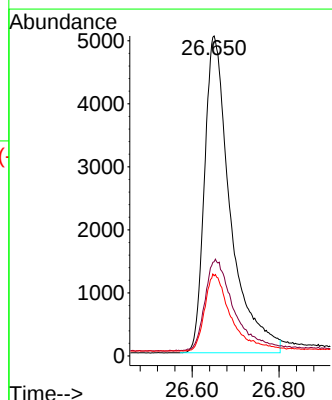
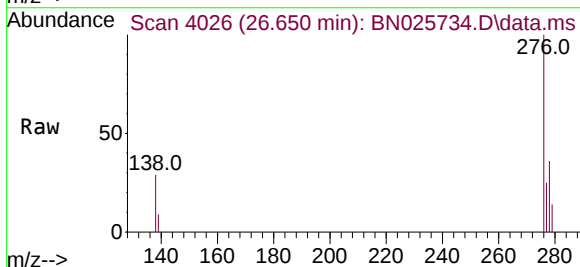
Tgt Ion:276 Resp: 20860

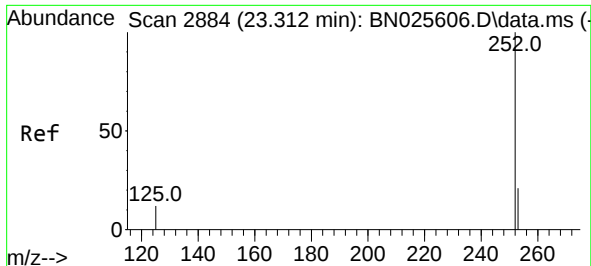
Ion Ratio Lower Upper

276 100

138 32.1 10.5 15.7#

277 24.7 9.2 13.8#





#37

Benzo(b)fluoranthene

Concen: 0.441 ng

RT: 23.291 min Scan# 2877

Delta R.T. -0.012 min

Lab File: BN025734.D

Acq: 31 May 2023 03:19

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4EC

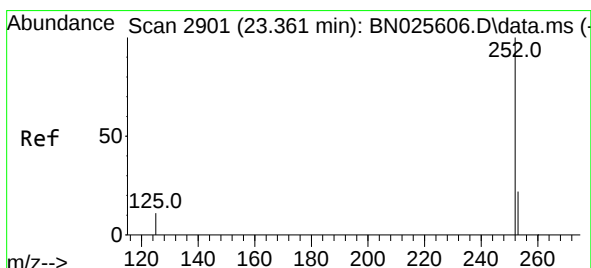
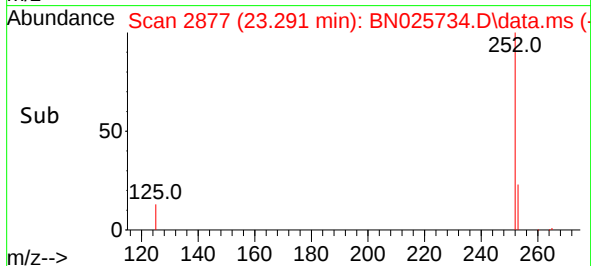
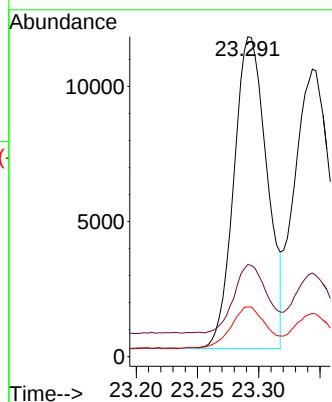
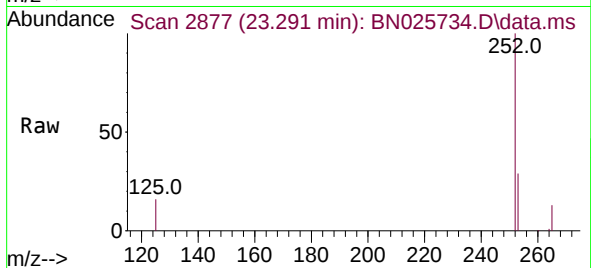
Tgt Ion:252 Resp: 21719

Ion Ratio Lower Upper

252 100

253 28.8 26.2 39.4

125 15.6 12.9 19.3



#38

Benzo(k)fluoranthene

Concen: 0.419 ng

RT: 23.344 min Scan# 2895

Delta R.T. -0.012 min

Lab File: BN025734.D

Acq: 31 May 2023 03:19

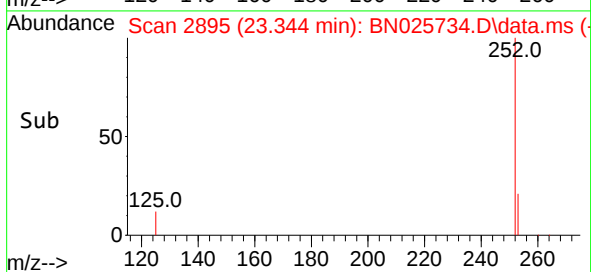
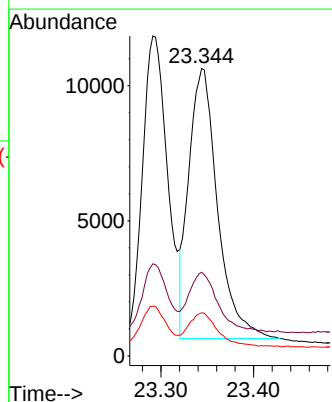
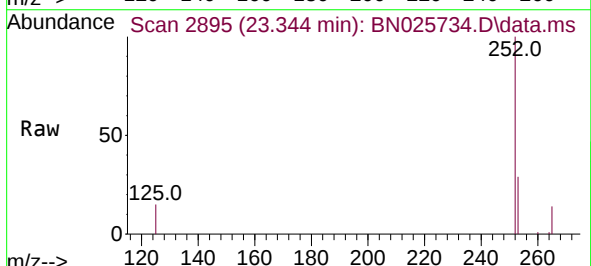
Tgt Ion:252 Resp: 21496

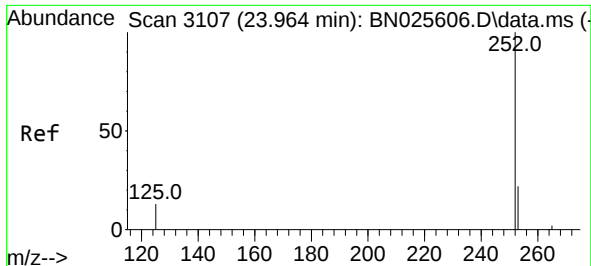
Ion Ratio Lower Upper

252 100

253 29.1 26.1 39.1

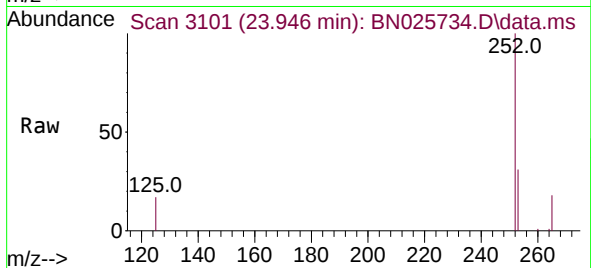
125 15.0 12.5 18.7



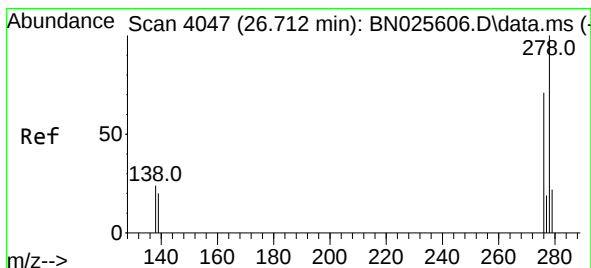
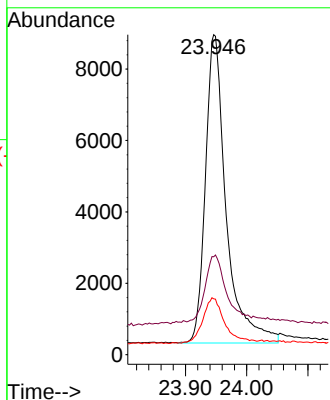
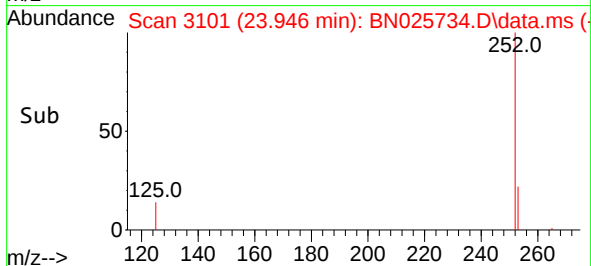


#39  
Benzo(a)pyrene  
Concen: 0.432 ng  
RT: 23.946 min Scan# 3107  
Delta R.T. -0.009 min  
Lab File: BN025734.D  
Acq: 31 May 2023 03:19

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

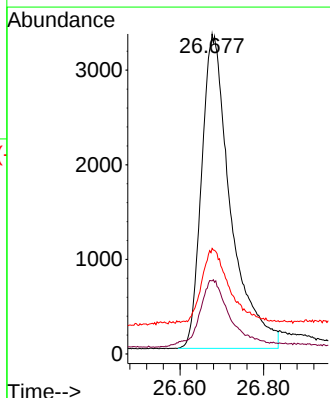
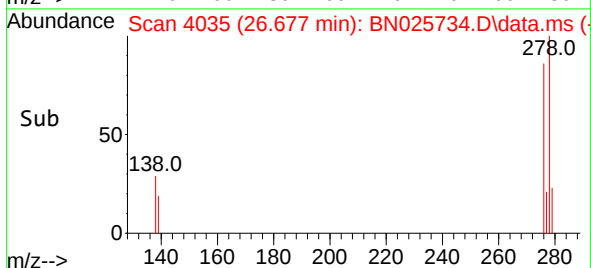
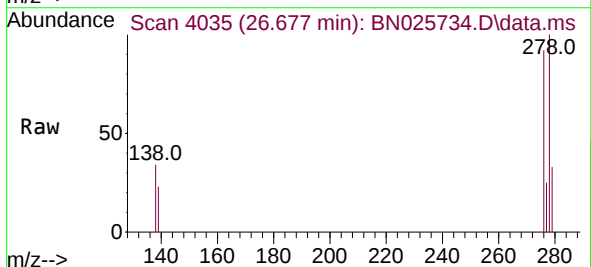


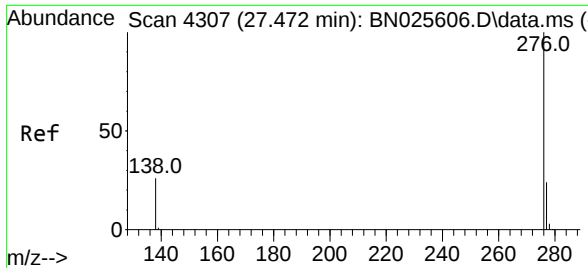
Tgt Ion:252 Resp: 20321  
Ion Ratio Lower Upper  
252 100  
253 30.6 30.2 45.2  
125 17.5 14.8 22.2



#40  
Dibenzo(a,h)anthracene  
Concen: 0.407 ng  
RT: 26.677 min Scan# 4035  
Delta R.T. -0.026 min  
Lab File: BN025734.D  
Acq: 31 May 2023 03:19

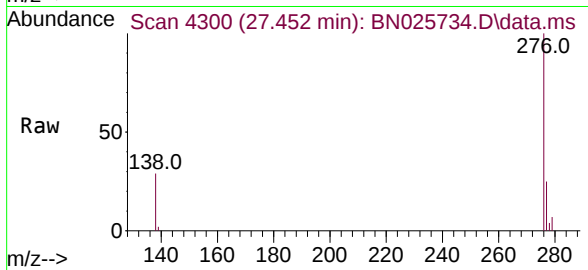
Tgt Ion:278 Resp: 15968  
Ion Ratio Lower Upper  
278 100  
139 22.9 18.6 28.0  
279 33.0 27.8 41.8





#41  
 Benzo(g,h,i)perylene  
 Concen: 0.417 ng  
 RT: 27.452 min Scan# 41  
 Delta R.T. -0.018 min  
 Lab File: BN025734.D  
 Acq: 31 May 2023 03:19

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC0.4EC



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 276   | Resp: | 18710 |
| Ion      | Ratio | Lower | Upper |
| 276      | 100   |       |       |
| 277      | 25.0  | 21.4  | 32.0  |
| 138      | 28.6  | 22.8  | 34.2  |

