

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN120122\  
 Data File : BN023013.D  
 Acq On : 01 Dec 2022 10:20  
 Operator : CG/JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC0.4

Quant Time: Dec 02 01:43:49 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN112522.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Dec 02 01:41:37 2022  
 Response via : Initial Calibration

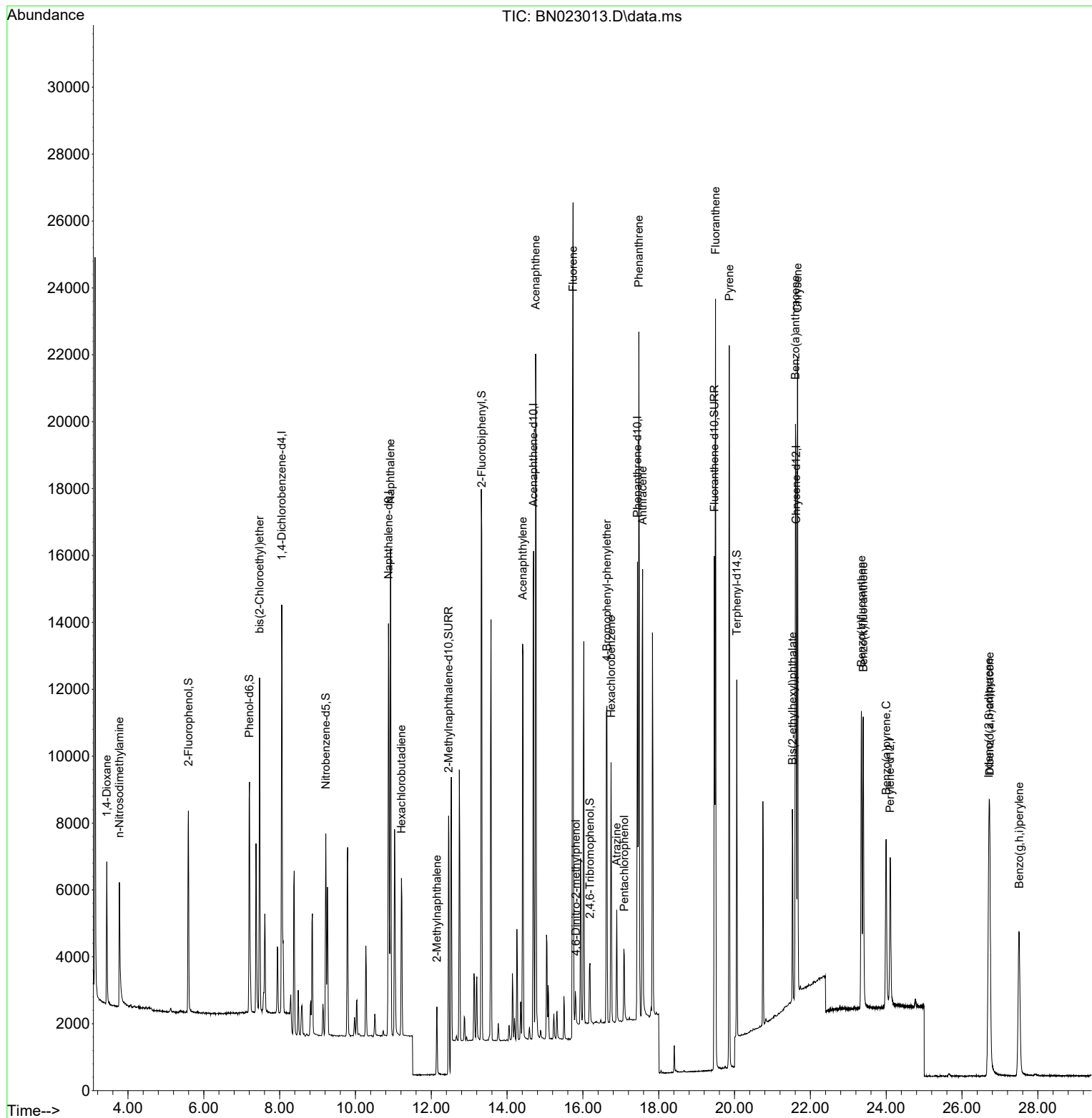
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.057  | 152  | 5773     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.872 | 136  | 16024    | 0.400 | ng    | #-0.01   |
| 13) Acenaphthene-d10          | 14.698 | 164  | 8411     | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.439 | 188  | 16548    | 0.400 | ng    | 0.00     |
| 29) Chrysene-d12              | 21.625 | 240  | 9354     | 0.400 | ng    | # 0.00   |
| 35) Perylene-d12              | 24.106 | 264  | 6644     | 0.400 | ng    | # 0.00   |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.594  | 112  | 4806     | 0.320 | ng    | 0.00     |
| 5) Phenol-d6                  | 7.204  | 99   | 6287     | 0.329 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 9.217  | 82   | 4532     | 0.364 | ng    | -0.01    |
| 11) 2-Methylnaphthalene-d10   | 12.458 | 152  | 13789    | 0.397 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 16.186 | 330  | 1171     | 0.288 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 13.330 | 172  | 14762    | 0.384 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.469 | 212  | 16179    | 0.360 | ng    | 0.00     |
| 31) Terphenyl-d14             | 20.058 | 244  | 8027     | 0.365 | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       |          |
| 2) 1,4-Dioxane                | 3.442  | 88   | 2632     | 0.359 | ng    | 98       |
| 3) n-Nitrosodimethylamine     | 3.774  | 42   | 2564     | 0.325 | ng    | 91       |
| 6) bis(2-Chloroethyl)ether    | 7.472  | 93   | 6770     | 0.377 | ng    | 99       |
| 9) Naphthalene                | 10.925 | 128  | 17862    | 0.362 | ng    | 99       |
| 10) Hexachlorobutadiene       | 11.214 | 225  | 3779     | 0.373 | ng    | # 100    |
| 12) 2-Methylnaphthalene       | 12.148 | 142  | 2945     | 0.292 | ng    | # 98     |
| 16) Acenaphthylene            | 14.410 | 152  | 14315    | 0.321 | ng    | 99       |
| 17) Acenaphthene              | 14.752 | 154  | 10597    | 0.362 | ng    | 98       |
| 18) Fluorene                  | 15.739 | 166  | 12842    | 0.342 | ng    | 99       |
| 20) 4,6-Dinitro-2-methylph... | 15.813 | 198  | 695      | 0.376 | ng    | # 63     |
| 21) 4-Bromophenyl-phenylether | 16.632 | 248  | 4168     | 0.349 | ng    | # 83     |
| 22) Hexachlorobenzene         | 16.744 | 284  | 5542     | 0.380 | ng    | 96       |
| 23) Atrazine                  | 16.893 | 200  | 2435     | 0.289 | ng    | 92       |
| 24) Pentachlorophenol         | 17.092 | 266  | 1226     | 0.307 | ng    | 97       |
| 25) Phenanthrene              | 17.476 | 178  | 20943    | 0.364 | ng    | 100      |
| 26) Anthracene                | 17.576 | 178  | 15892    | 0.318 | ng    | 99       |
| 28) Fluoranthene              | 19.498 | 202  | 19574    | 0.320 | ng    | 99       |
| 30) Pyrene                    | 19.861 | 202  | 18798    | 0.386 | ng    | 100      |
| 32) Benzo(a)anthracene        | 21.607 | 228  | 12742    | 0.337 | ng    | 99       |
| 33) Chrysene                  | 21.661 | 228  | 15137    | 0.386 | ng    | 99       |
| 34) Bis(2-ethylhexyl)phtha... | 21.527 | 149  | 5507     | 0.363 | ng    | 98       |
| 36) Indeno(1,2,3-cd)pyrene    | 26.708 | 276  | 12091    | 0.439 | ng    | 97       |
| 37) Benzo(b)fluoranthene      | 23.346 | 252  | 11706    | 0.395 | ng    | # 93     |
| 38) Benzo(k)fluoranthene      | 23.395 | 252  | 11985    | 0.373 | ng    | # 93     |
| 39) Benzo(a)pyrene            | 23.998 | 252  | 8269     | 0.365 | ng    | # 84     |
| 40) Dibenzo(a,h)anthracene    | 26.731 | 278  | 9716     | 0.444 | ng    | 96       |
| 41) Benzo(g,h,i)perylene      | 27.509 | 276  | 10088    | 0.428 | ng    | 97       |

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

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Quant Time: Dec 02 01:43:49 2022  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN112522.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Dec 02 01:41:37 2022  
Response via : Initial Calibration

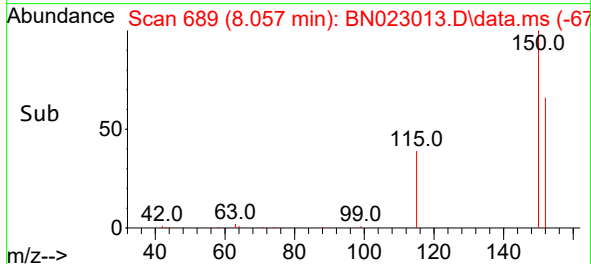
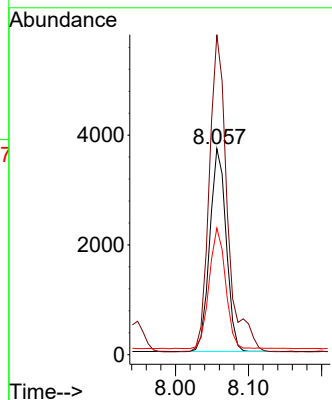
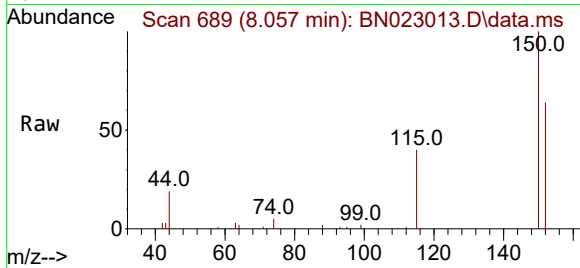




#1  
1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 8.057 min Scan# 61  
Delta R.T. -0.007 min  
Lab File: BN023013.D  
Acq: 01 Dec 2022 10:20

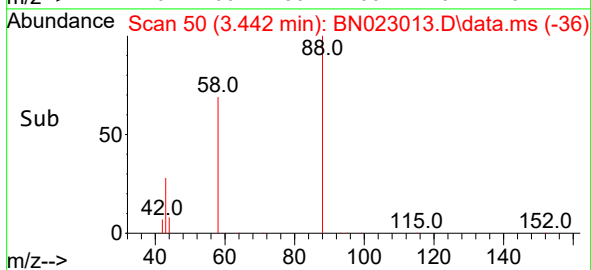
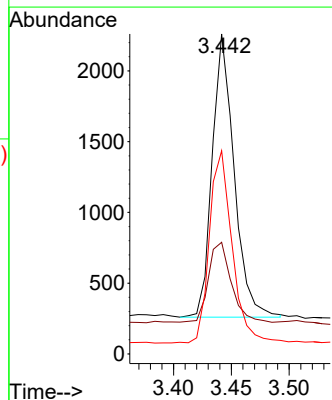
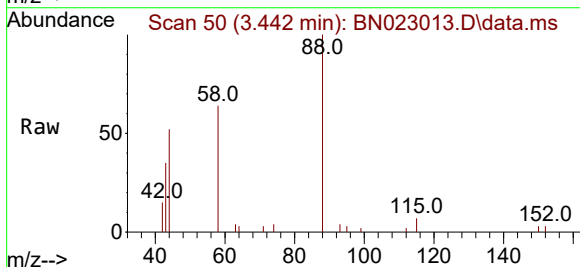
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

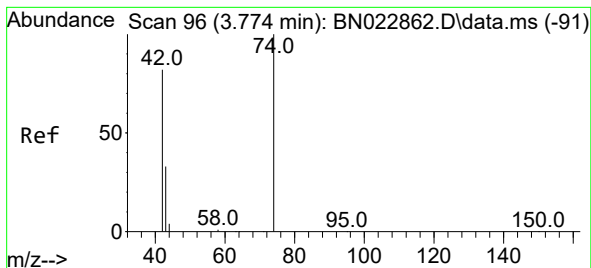
Tgt Ion:152 Resp: 5773  
Ion Ratio Lower Upper  
152 100  
150 155.3 121.2 181.8  
115 61.4 46.2 69.4



#2  
1,4-Dioxane  
Concen: 0.359 ng  
RT: 3.442 min Scan# 50  
Delta R.T. 0.000 min  
Lab File: BN023013.D  
Acq: 01 Dec 2022 10:20

Tgt Ion: 88 Resp: 2632  
Ion Ratio Lower Upper  
88 100  
43 29.3 25.4 38.2  
58 70.3 56.5 84.7





#3

n-Nitrosodimethylamine

Concen: 0.325 ng

RT: 3.774 min Scan# 91

Delta R.T. 0.000 min

Lab File: BN023013.D

Acq: 01 Dec 2022 10:20

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4

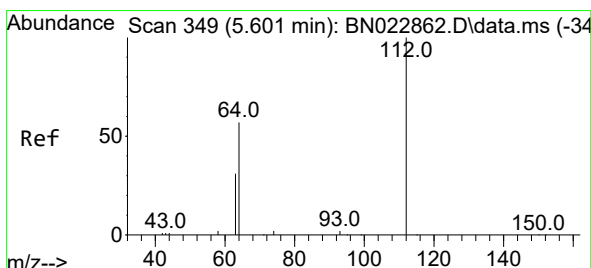
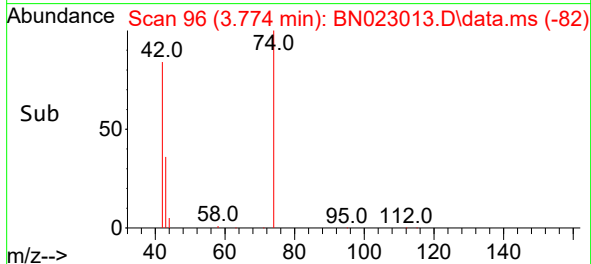
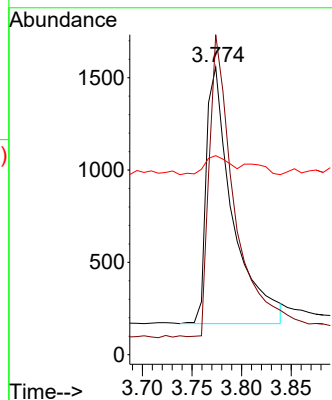
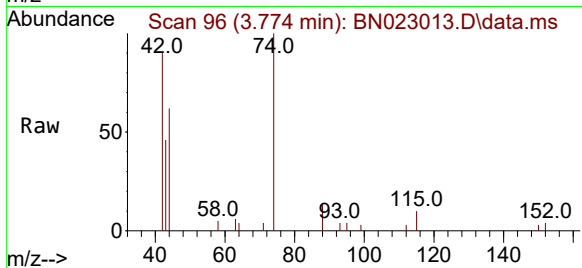
Tgt Ion: 42 Resp: 2564

Ion Ratio Lower Upper

42 100

74 113.8 99.3 148.9

44 6.9 5.4 8.2



#4

2-Fluorophenol

Concen: 0.320 ng

RT: 5.594 min Scan# 348

Delta R.T. -0.007 min

Lab File: BN023013.D

Acq: 01 Dec 2022 10:20

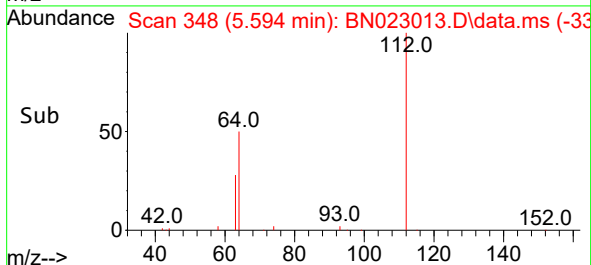
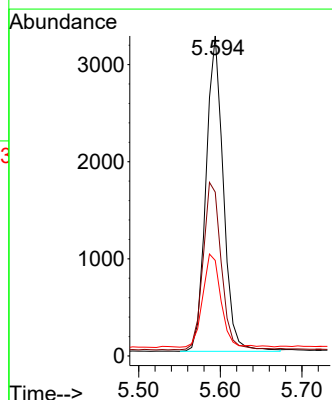
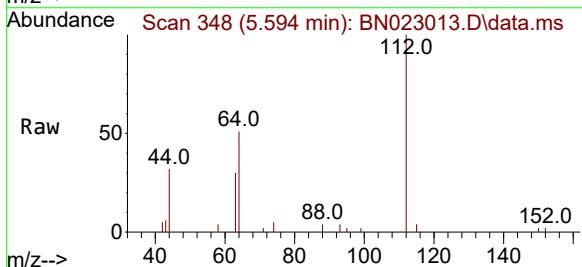
Tgt Ion: 112 Resp: 4806

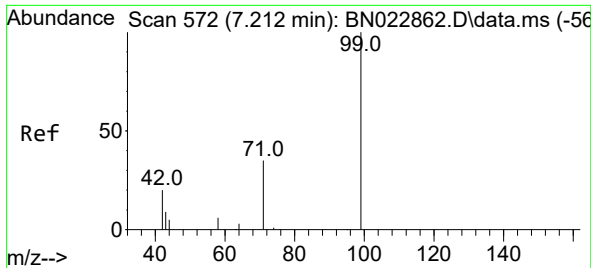
Ion Ratio Lower Upper

112 100

64 55.7 43.4 65.2

63 31.1 23.4 35.2

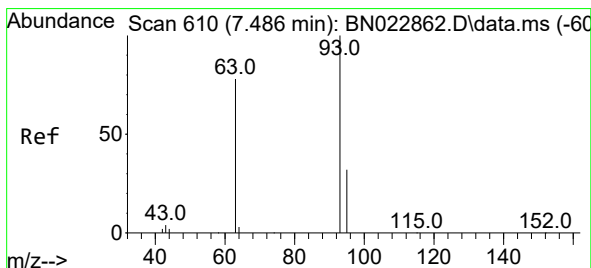
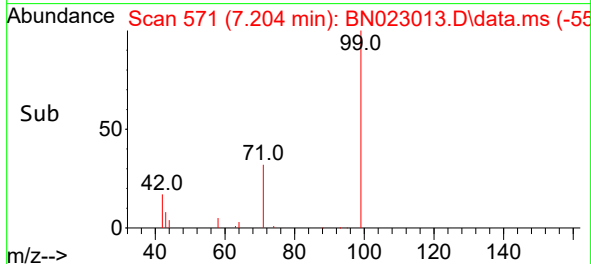
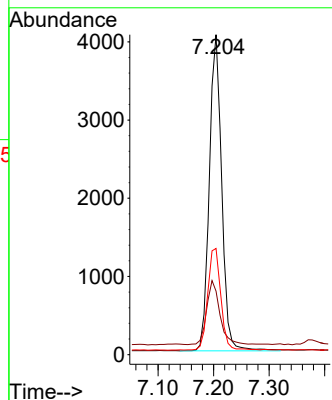
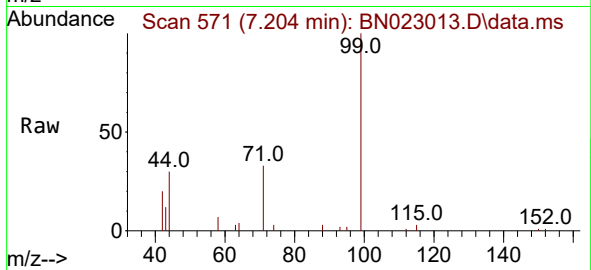




#5  
Phenol-d6  
Concen: 0.329 ng  
RT: 7.204 min Scan# 51  
Delta R.T. 0.000 min  
Lab File: BN023013.D  
Acq: 01 Dec 2022 10:20

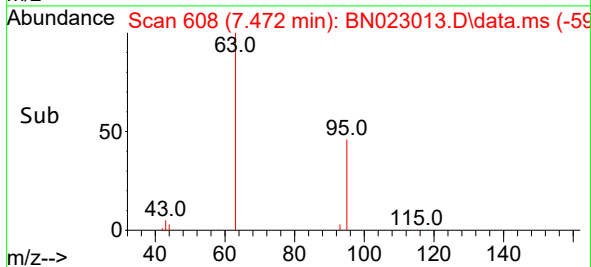
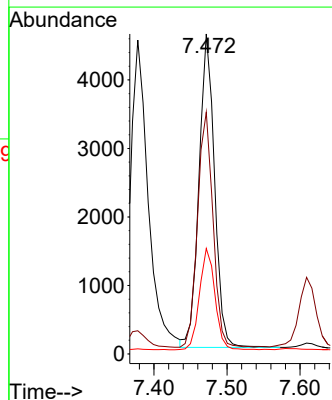
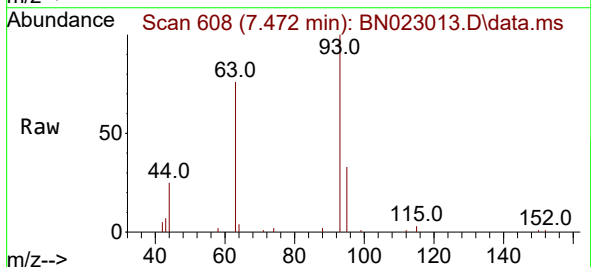
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

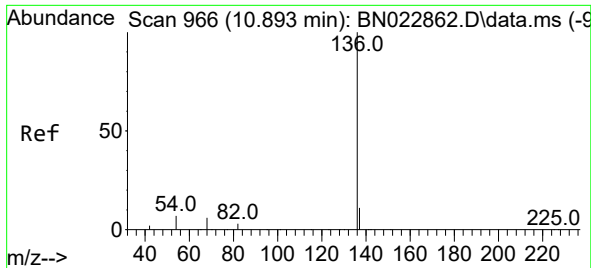
Tgt Ion: 99 Resp: 6287  
Ion Ratio Lower Upper  
99 100  
42 21.8 16.0 24.0  
71 33.9 26.8 40.2



#6  
bis(2-Chloroethyl)ether  
Concen: 0.377 ng  
RT: 7.472 min Scan# 608  
Delta R.T. -0.007 min  
Lab File: BN023013.D  
Acq: 01 Dec 2022 10:20

Tgt Ion: 93 Resp: 6770  
Ion Ratio Lower Upper  
93 100  
63 74.2 58.3 87.5  
95 32.3 25.8 38.6

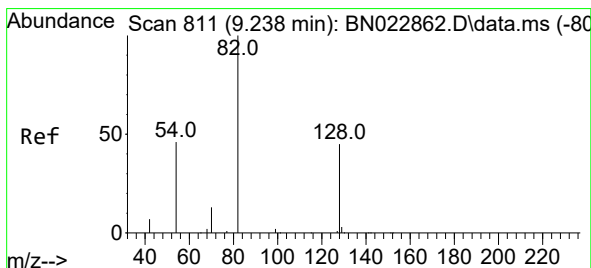
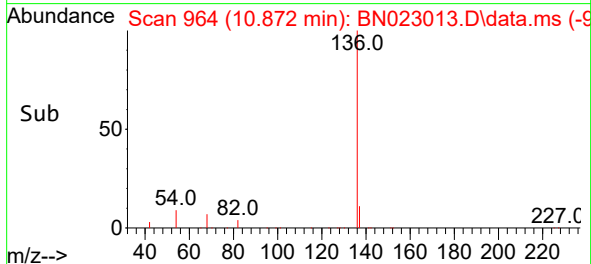
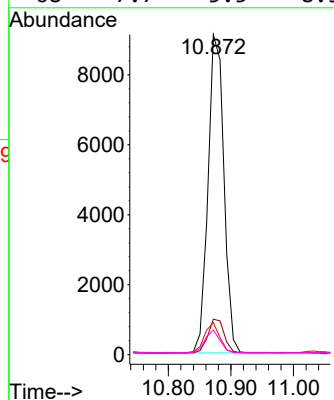
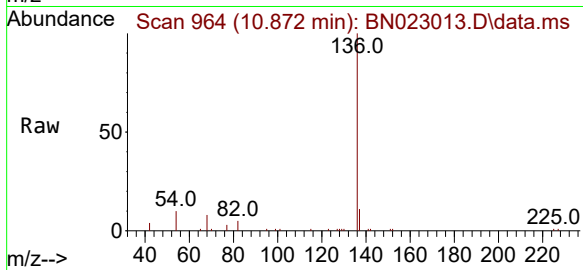




#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.872 min Scan# 90  
Delta R.T. -0.011 min  
Lab File: BN023013.D  
Acq: 01 Dec 2022 10:20

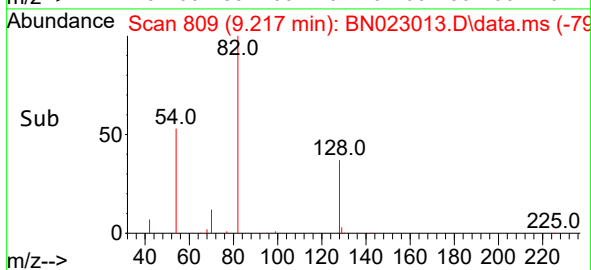
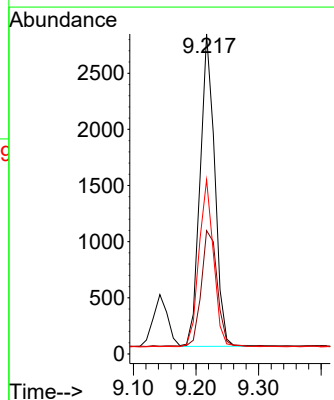
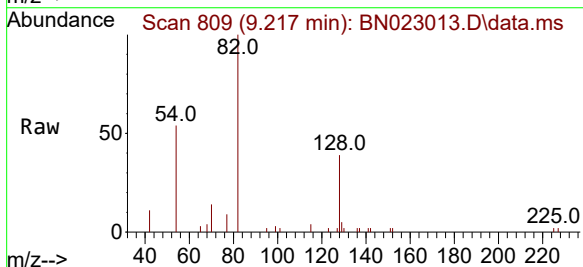
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

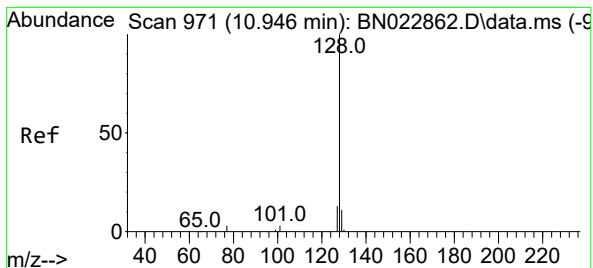
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 136   | Resp: | 16024 |
| Ion Ratio | Lower | Upper |       |
| 136       | 100   |       |       |
| 137       | 11.1  | 9.0   | 13.4  |
| 54        | 10.0  | 6.6   | 9.8#  |
| 68        | 7.7   | 5.5   | 8.3   |



#8  
Nitrobenzene-d5  
Concen: 0.364 ng  
RT: 9.217 min Scan# 809  
Delta R.T. -0.010 min  
Lab File: BN023013.D  
Acq: 01 Dec 2022 10:20

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 82    | Resp: | 4532 |
| Ion Ratio | Lower | Upper |      |
| 82        | 100   |       |      |
| 128       | 38.6  | 36.6  | 54.8 |
| 54        | 54.5  | 38.5  | 57.7 |





#9

Naphthalene

Concen: 0.362 ng

RT: 10.925 min Scan# 90

Delta R.T. -0.011 min

Lab File: BN023013.D

Acq: 01 Dec 2022 10:20

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4

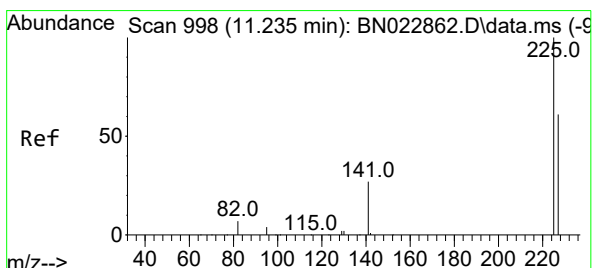
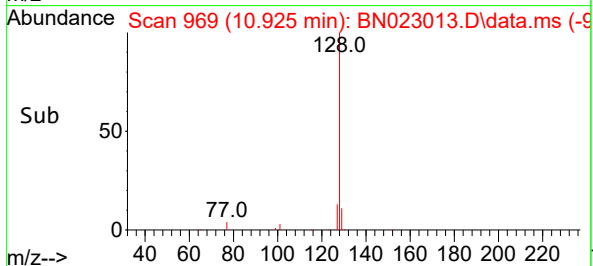
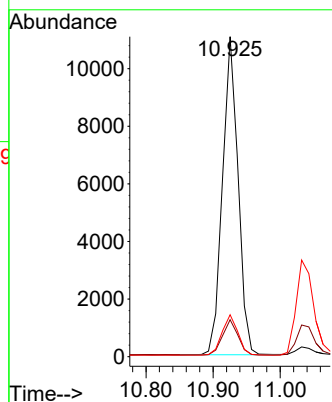
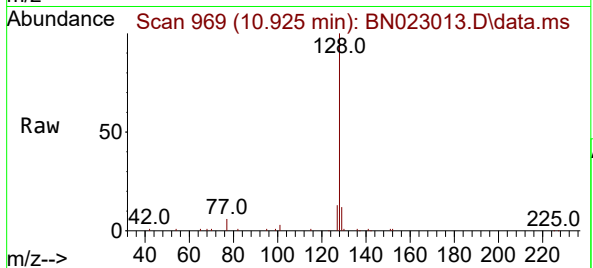
Tgt Ion:128 Resp: 17862

Ion Ratio Lower Upper

128 100

129 11.5 9.0 13.4

127 13.1 10.8 16.2



#10

Hexachlorobutadiene

Concen: 0.373 ng

RT: 11.214 min Scan# 996

Delta R.T. -0.010 min

Lab File: BN023013.D

Acq: 01 Dec 2022 10:20

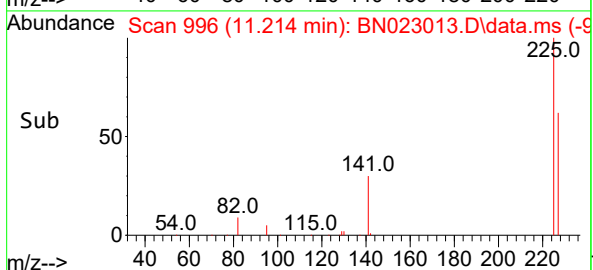
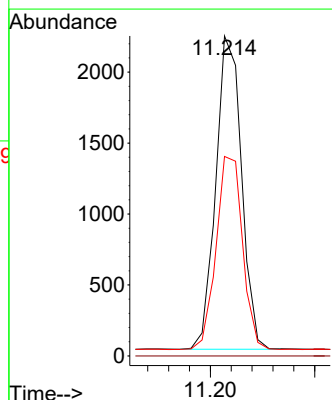
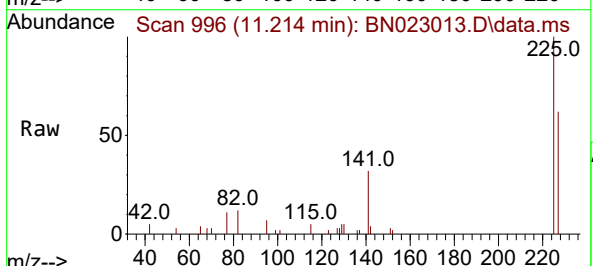
Tgt Ion:225 Resp: 3779

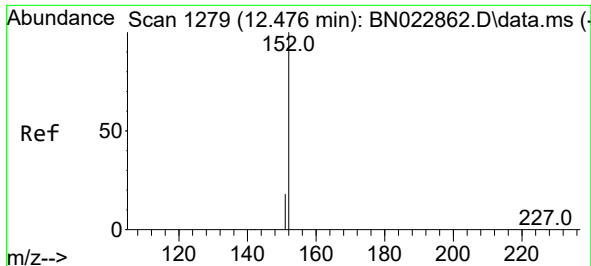
Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

227 63.4 50.8 76.2

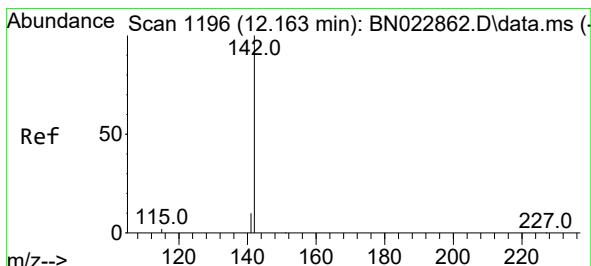
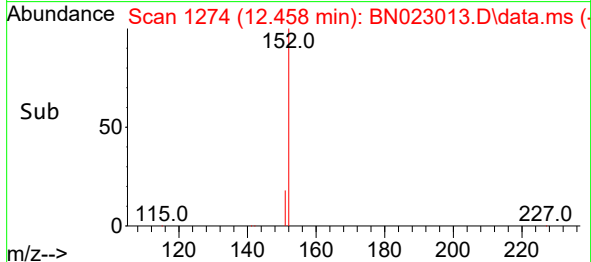
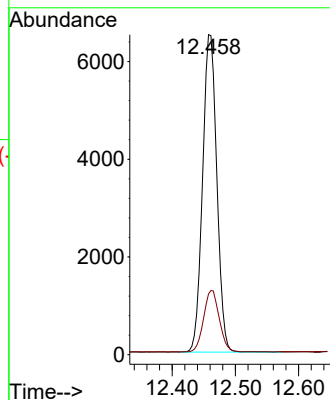
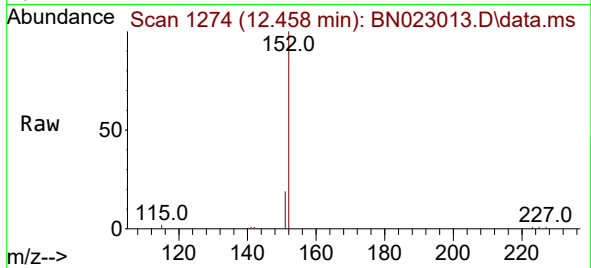




#11  
2-Methylnaphthalene-d10  
Concen: 0.397 ng  
RT: 12.458 min Scan# 1192  
Delta R.T. -0.007 min  
Lab File: BN023013.D  
Acq: 01 Dec 2022 10:20

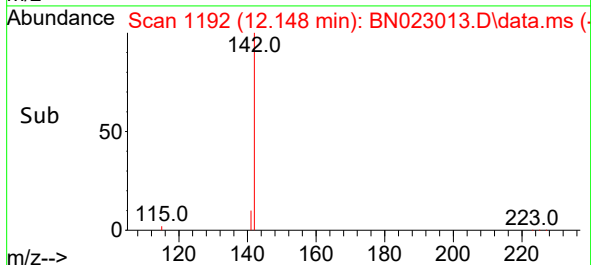
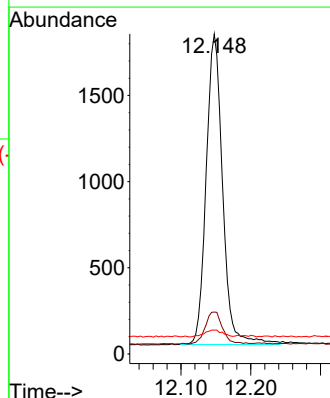
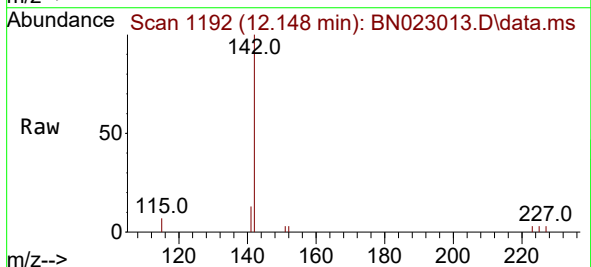
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

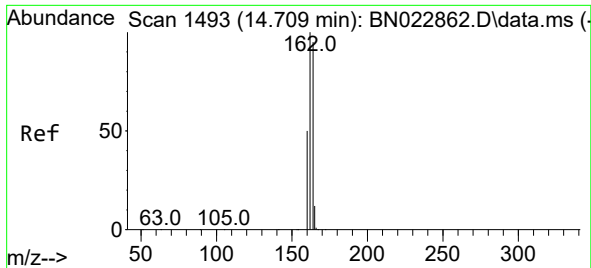
Tgt Ion:152 Resp: 13789  
Ion Ratio Lower Upper  
152 100  
151 20.5 18.6 27.8



#12  
2-Methylnaphthalene  
Concen: 0.292 ng  
RT: 12.148 min Scan# 1192  
Delta R.T. -0.004 min  
Lab File: BN023013.D  
Acq: 01 Dec 2022 10:20

Tgt Ion:142 Resp: 2945  
Ion Ratio Lower Upper  
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141 13.1 10.1 15.1  
115 7.4 4.6 7.0#

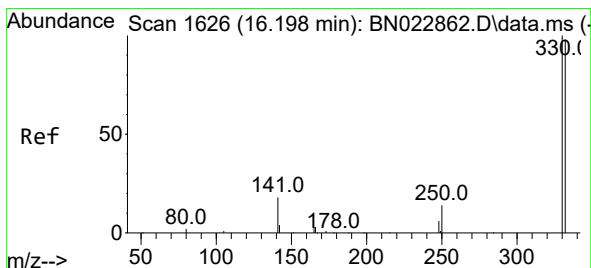
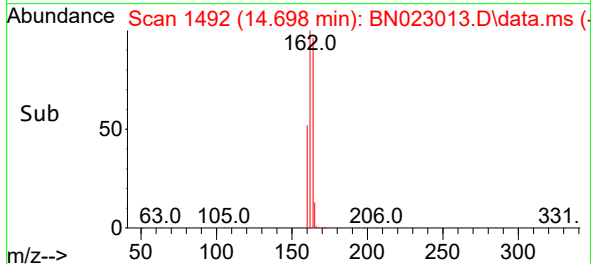
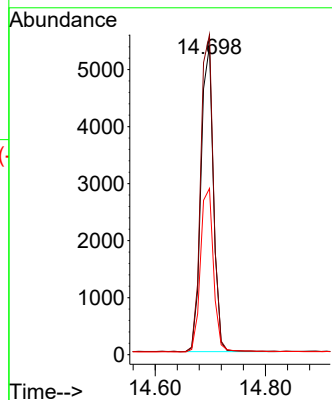
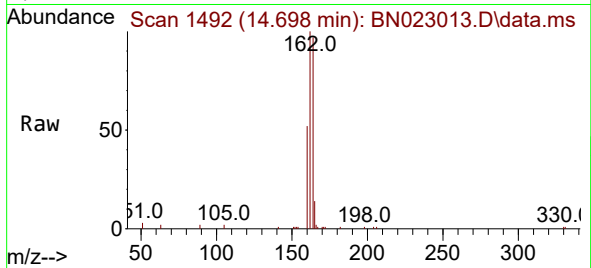




#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.698 min Scan# 1492  
Delta R.T. 0.000 min  
Lab File: BN023013.D  
Acq: 01 Dec 2022 10:20

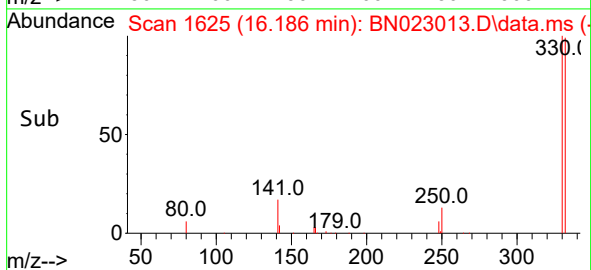
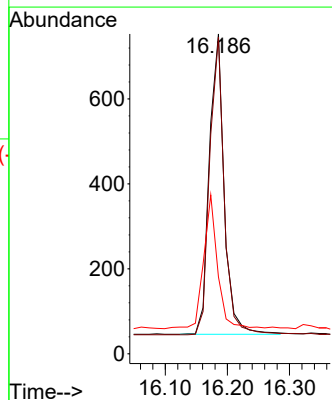
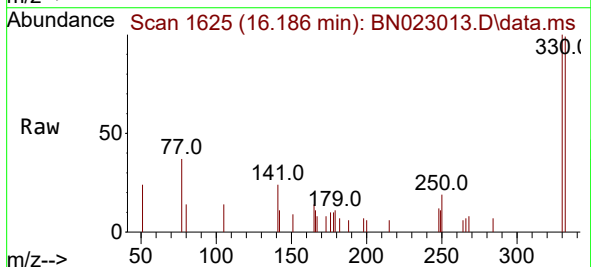
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

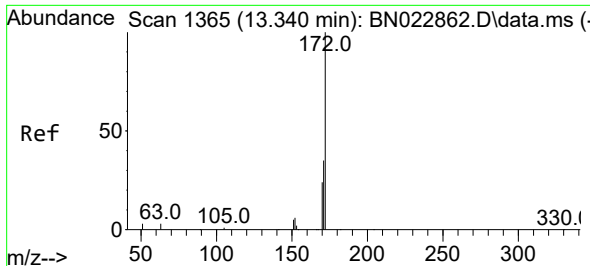
Tgt Ion:164 Resp: 8411  
Ion Ratio Lower Upper  
164 100  
162 103.6 84.2 126.4  
160 53.8 42.5 63.7



#14  
2,4,6-Tribromophenol  
Concen: 0.288 ng  
RT: 16.186 min Scan# 1625  
Delta R.T. 0.000 min  
Lab File: BN023013.D  
Acq: 01 Dec 2022 10:20

Tgt Ion:330 Resp: 1171  
Ion Ratio Lower Upper  
330 100  
332 97.1 76.5 114.7  
141 40.6 32.6 48.8

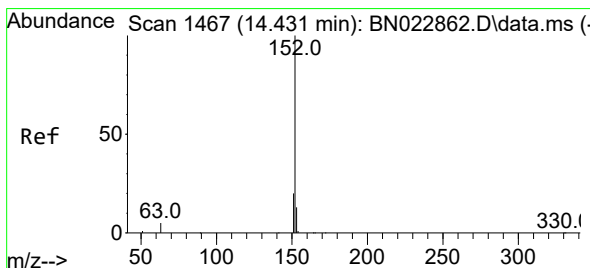
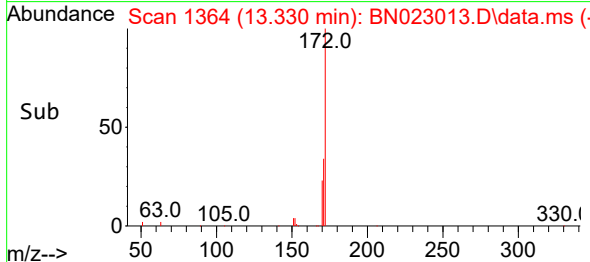
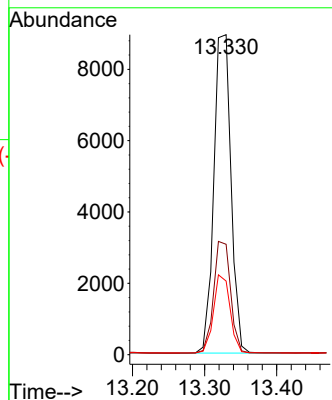
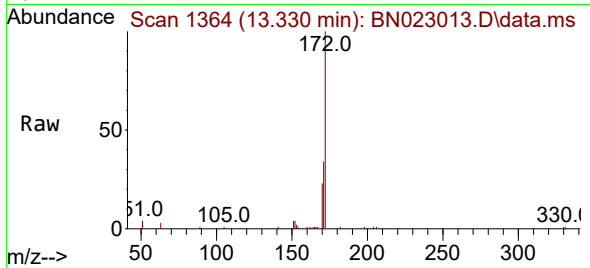




#15  
2-Fluorobiphenyl  
Concen: 0.384 ng  
RT: 13.330 min Scan# 1364  
Delta R.T. 0.000 min  
Lab File: BN023013.D  
Acq: 01 Dec 2022 10:20

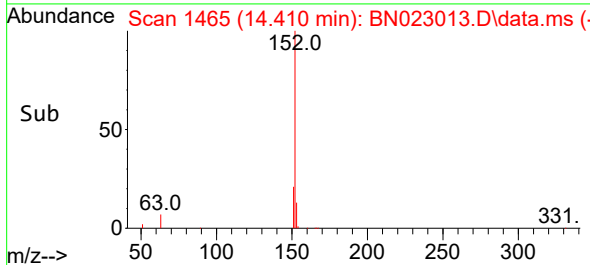
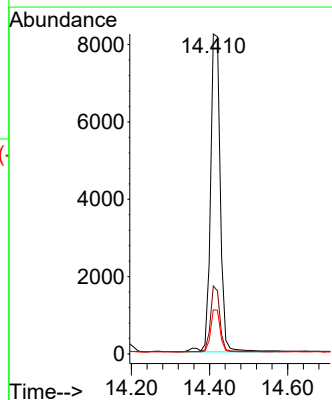
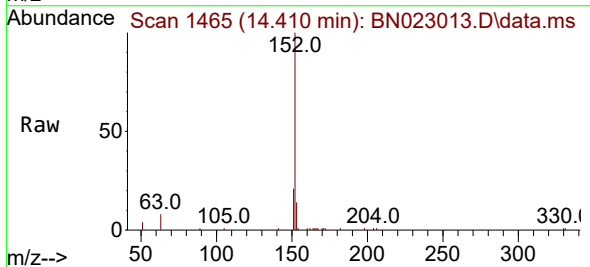
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

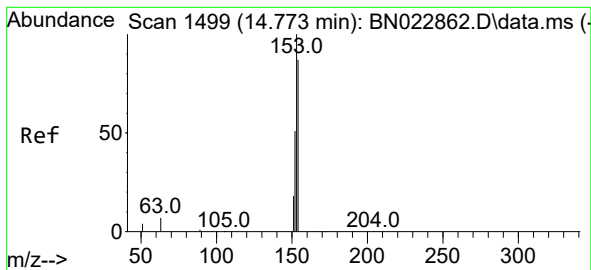
Tgt Ion:172 Resp: 14762  
Ion Ratio Lower Upper  
172 100  
171 34.5 28.2 42.4  
170 23.0 19.3 28.9



#16  
Acenaphthylene  
Concen: 0.321 ng  
RT: 14.410 min Scan# 1465  
Delta R.T. -0.011 min  
Lab File: BN023013.D  
Acq: 01 Dec 2022 10:20

Tgt Ion:152 Resp: 14315  
Ion Ratio Lower Upper  
152 100  
151 19.7 16.1 24.1  
153 13.0 10.5 15.7





#17

Acenaphthene

Concen: 0.362 ng

RT: 14.752 min Scan# 1499

Delta R.T. -0.011 min

Lab File: BN023013.D

Acq: 01 Dec 2022 10:20

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4

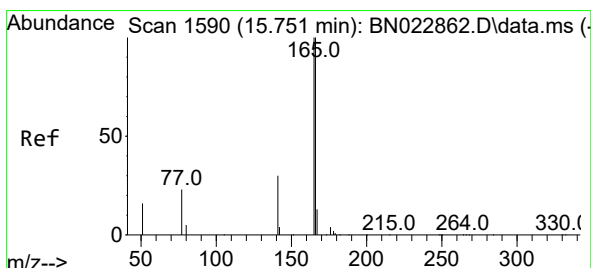
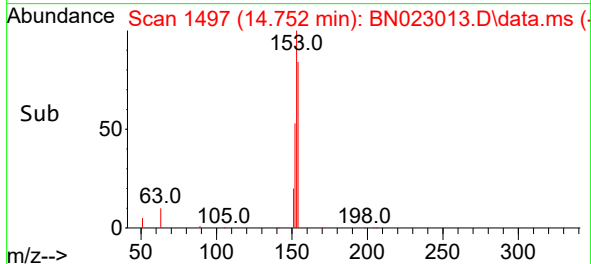
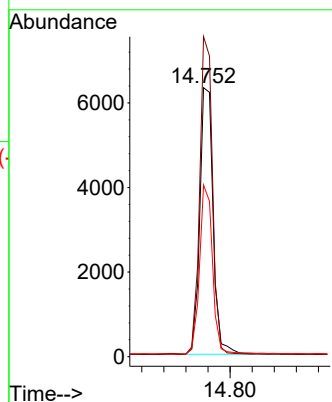
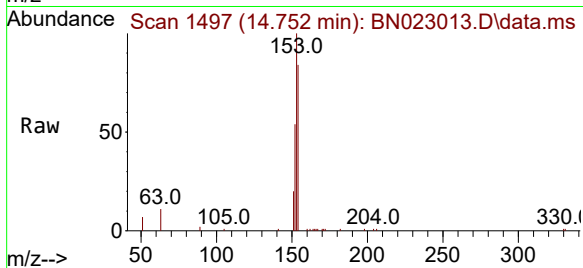
Tgt Ion:154 Resp: 10597

Ion Ratio Lower Upper

154 100

153 114.0 90.0 135.0

152 61.5 47.0 70.6



#18

Fluorene

Concen: 0.342 ng

RT: 15.739 min Scan# 1589

Delta R.T. 0.000 min

Lab File: BN023013.D

Acq: 01 Dec 2022 10:20

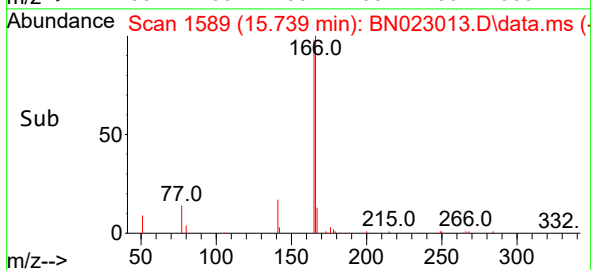
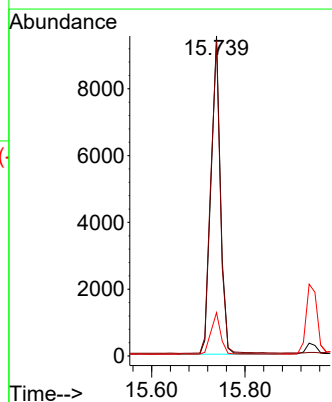
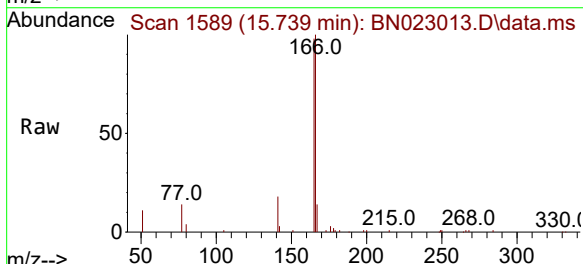
Tgt Ion:166 Resp: 12842

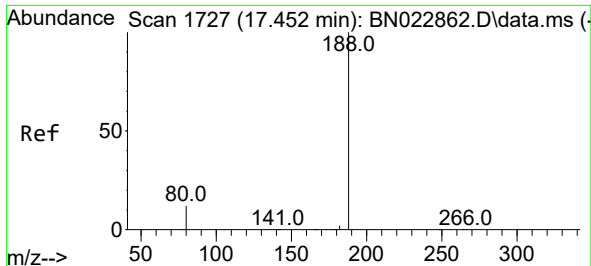
Ion Ratio Lower Upper

166 100

165 99.8 79.4 119.0

167 13.3 10.7 16.1

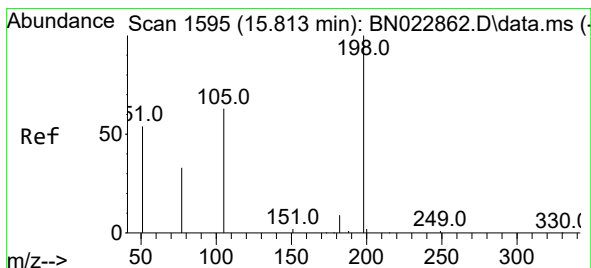
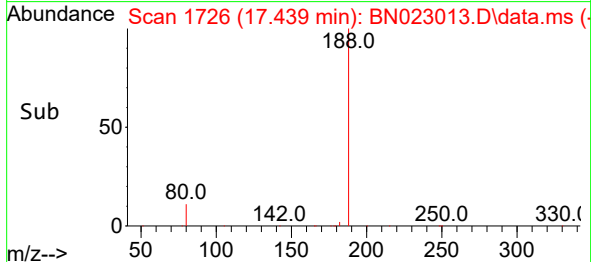
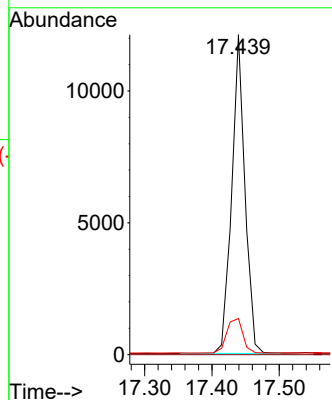
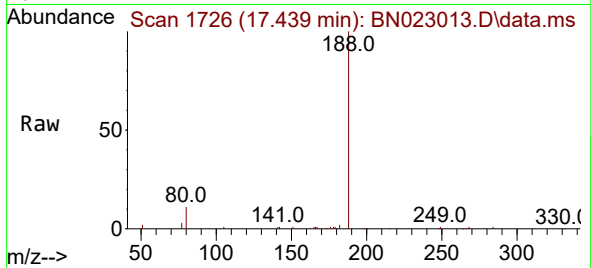




#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.439 min Scan# 1726  
Delta R.T. 0.000 min  
Lab File: BN023013.D  
Acq: 01 Dec 2022 10:20

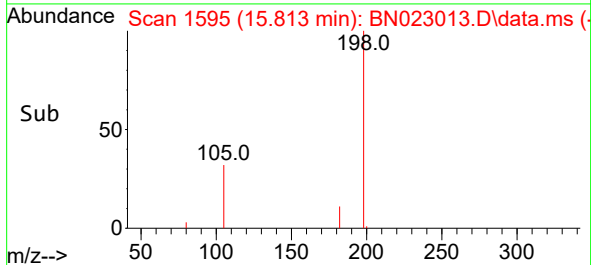
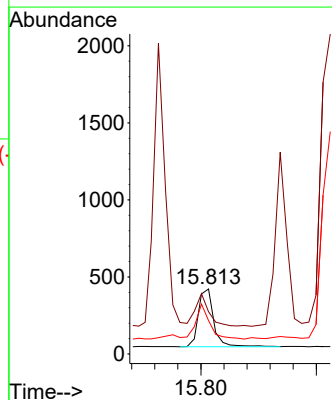
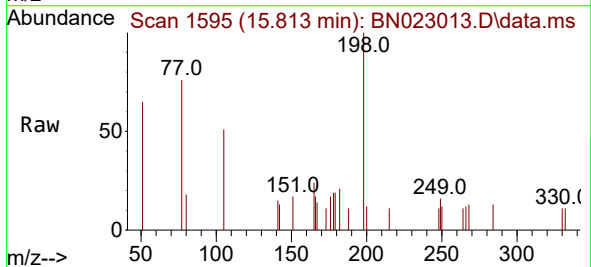
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

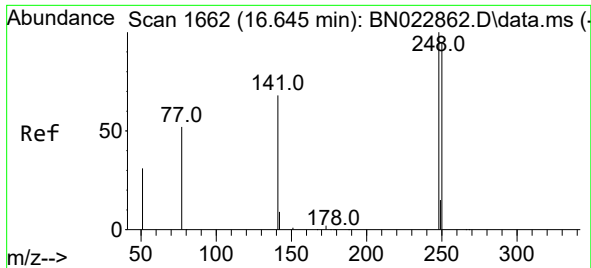
Tgt Ion:188 Resp: 16548  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 11.3 10.3 15.5



#20  
4,6-Dinitro-2-methylphenol  
Concen: 0.376 ng  
RT: 15.813 min Scan# 1595  
Delta R.T. 0.000 min  
Lab File: BN023013.D  
Acq: 01 Dec 2022 10:20

Tgt Ion:198 Resp: 695  
Ion Ratio Lower Upper  
198 100  
51 64.9 80.5 120.7#  
105 51.4 70.5 105.7#

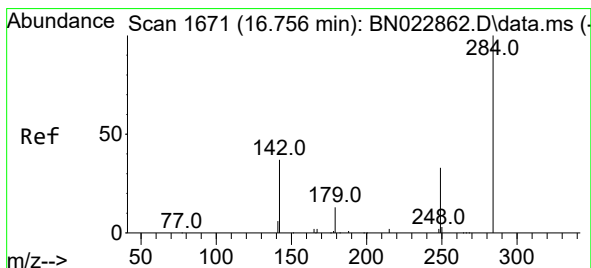
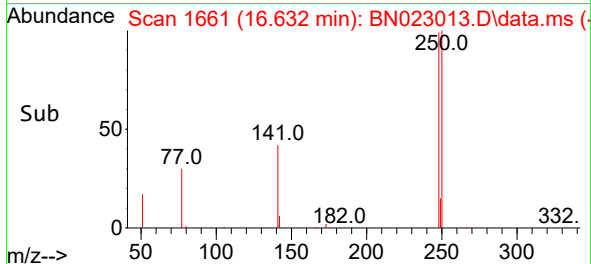
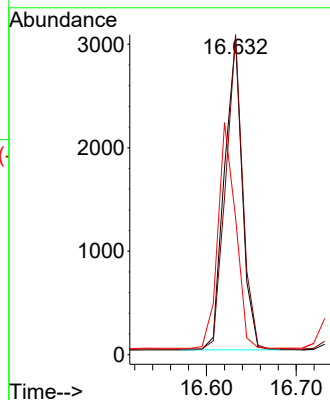
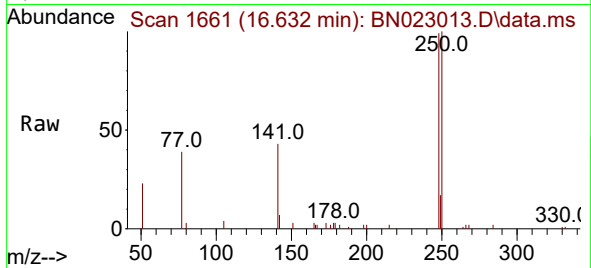




#21  
4-Bromophenyl-phenylether  
Concen: 0.349 ng  
RT: 16.632 min Scan# 1661  
Delta R.T. 0.000 min  
Lab File: BN023013.D  
Acq: 01 Dec 2022 10:20

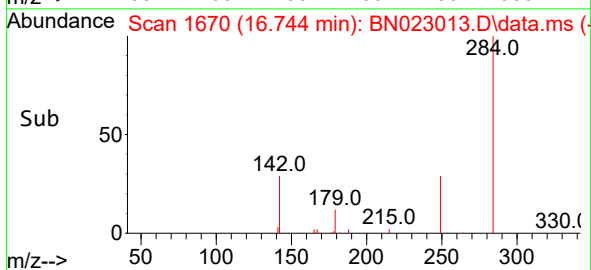
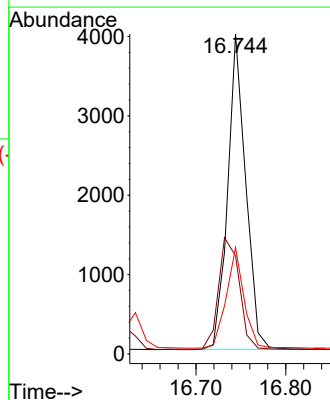
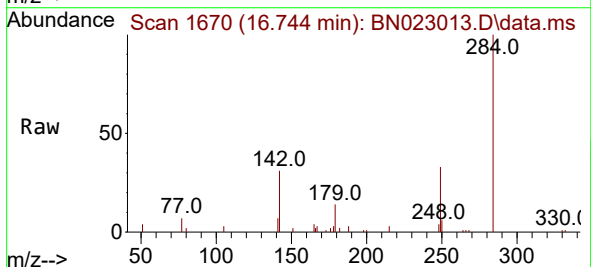
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

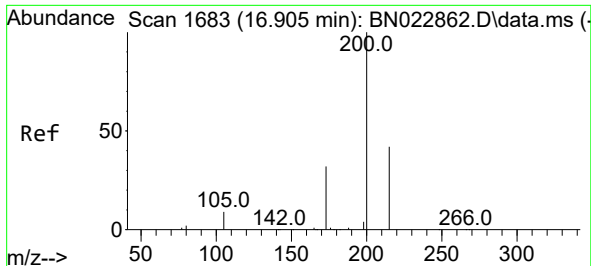
Tgt Ion:248 Resp: 4168  
Ion Ratio Lower Upper  
248 100  
250 101.2 75.8 113.6  
141 43.4 55.4 83.0#



#22  
Hexachlorobenzene  
Concen: 0.380 ng  
RT: 16.744 min Scan# 1670  
Delta R.T. 0.000 min  
Lab File: BN023013.D  
Acq: 01 Dec 2022 10:20

Tgt Ion:284 Resp: 5542  
Ion Ratio Lower Upper  
284 100  
142 41.3 30.1 45.1  
249 31.2 24.5 36.7

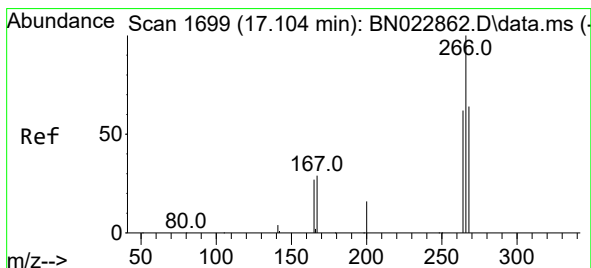
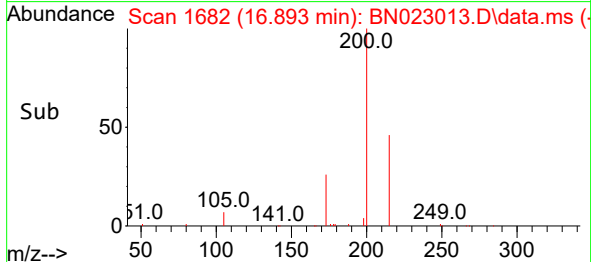
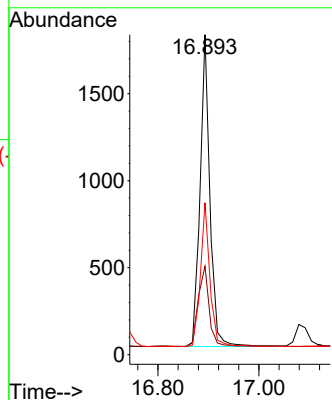
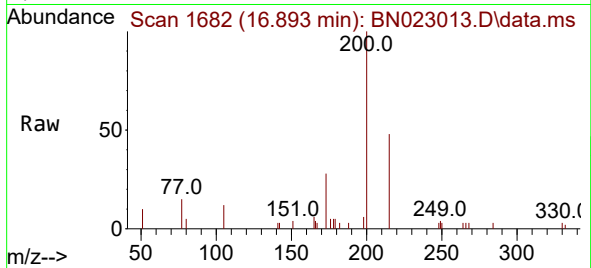




#23  
Atrazine  
Concen: 0.289 ng  
RT: 16.893 min Scan# 1682  
Delta R.T. 0.000 min  
Lab File: BN023013.D  
Acq: 01 Dec 2022 10:20

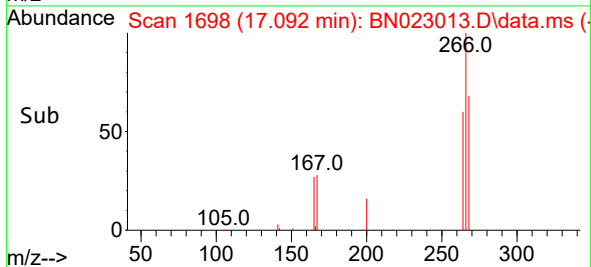
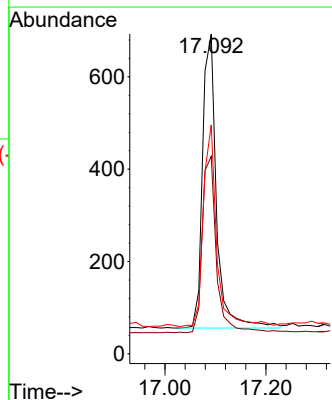
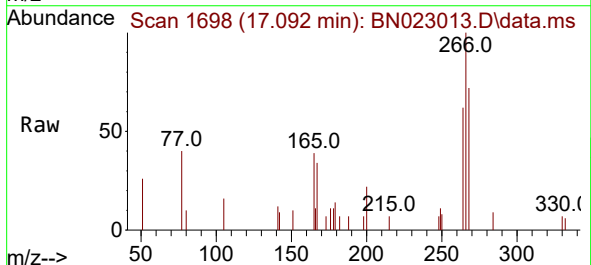
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

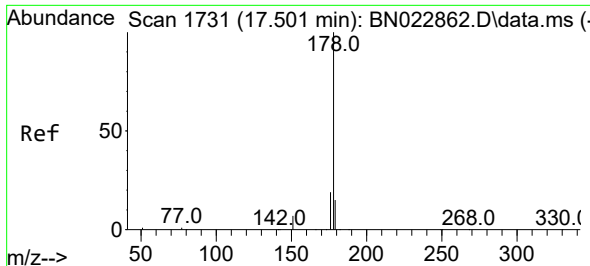
Tgt Ion:200 Resp: 2435  
Ion Ratio Lower Upper  
200 100  
173 27.7 26.4 39.6  
215 47.5 34.4 51.6



#24  
Pentachlorophenol  
Concen: 0.307 ng  
RT: 17.092 min Scan# 1698  
Delta R.T. 0.000 min  
Lab File: BN023013.D  
Acq: 01 Dec 2022 10:20

Tgt Ion:266 Resp: 1226  
Ion Ratio Lower Upper  
266 100  
264 60.8 50.0 75.0  
268 66.4 50.9 76.3

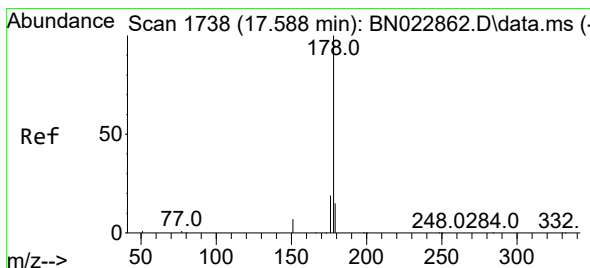
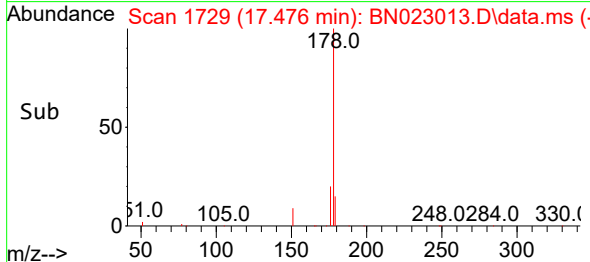
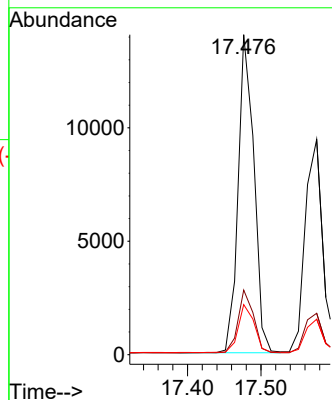
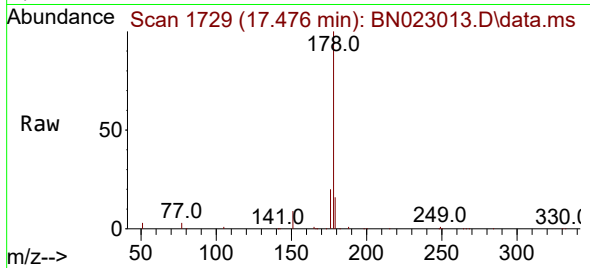




#25  
Phenanthrene  
Concen: 0.364 ng  
RT: 17.476 min Scan# 1731  
Delta R.T. -0.012 min  
Lab File: BN023013.D  
Acq: 01 Dec 2022 10:20

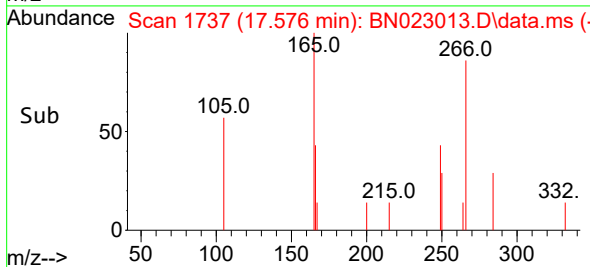
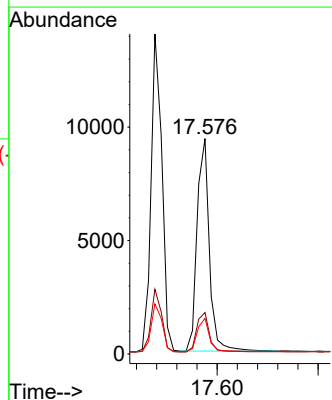
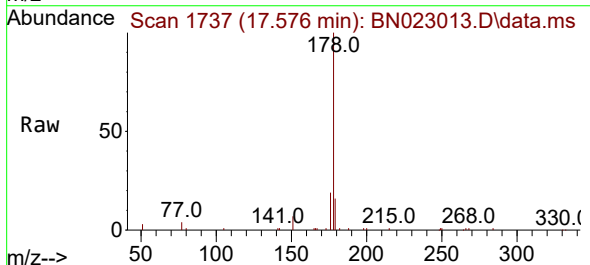
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

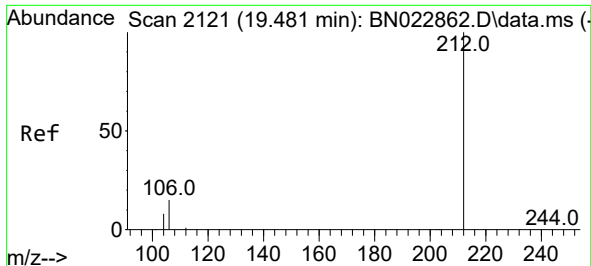
Tgt Ion:178 Resp: 20943  
Ion Ratio Lower Upper  
178 100  
176 19.5 15.6 23.4  
179 15.3 12.2 18.2



#26  
Anthracene  
Concen: 0.318 ng  
RT: 17.576 min Scan# 1737  
Delta R.T. 0.000 min  
Lab File: BN023013.D  
Acq: 01 Dec 2022 10:20

Tgt Ion:178 Resp: 15892  
Ion Ratio Lower Upper  
178 100  
176 19.3 15.2 22.8  
179 15.4 12.2 18.2

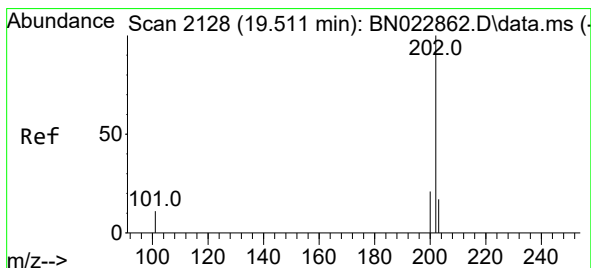
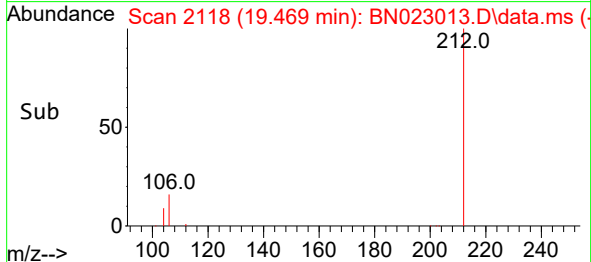
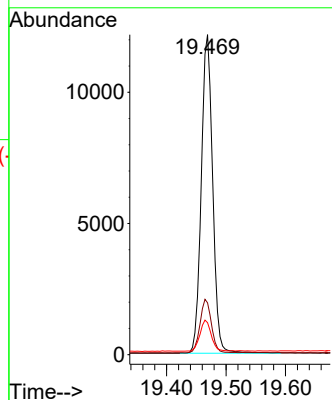
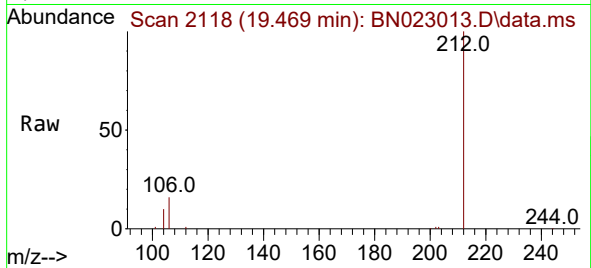




#27  
Fluoranthene-d10  
Concen: 0.360 ng  
RT: 19.469 min Scan# 2118  
Delta R.T. -0.004 min  
Lab File: BN023013.D  
Acq: 01 Dec 2022 10:20

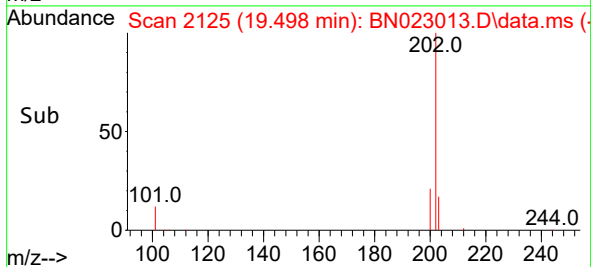
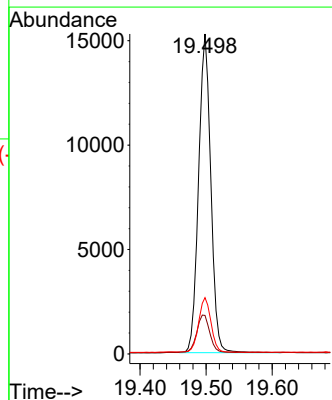
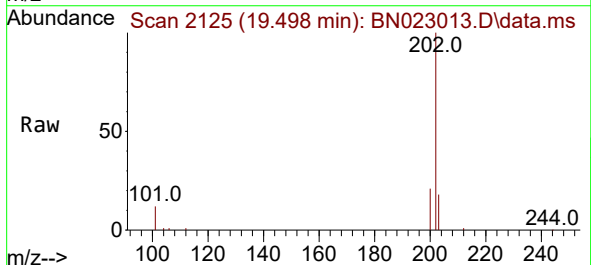
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

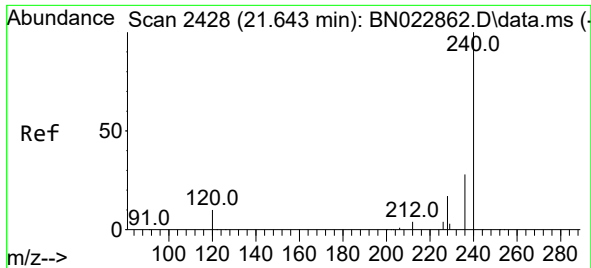
Tgt Ion:212 Resp: 16179  
Ion Ratio Lower Upper  
212 100  
106 16.9 12.3 18.5  
104 9.7 7.0 10.4



#28  
Fluoranthene  
Concen: 0.320 ng  
RT: 19.498 min Scan# 2125  
Delta R.T. -0.004 min  
Lab File: BN023013.D  
Acq: 01 Dec 2022 10:20

Tgt Ion:202 Resp: 19574  
Ion Ratio Lower Upper  
202 100  
101 12.8 9.3 13.9  
203 17.3 13.7 20.5

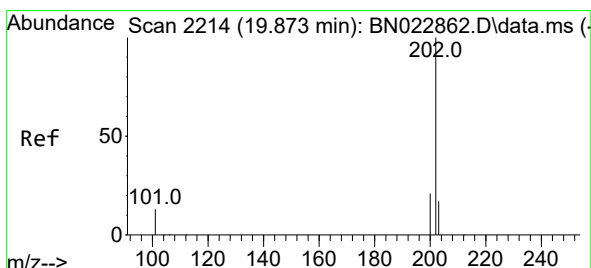
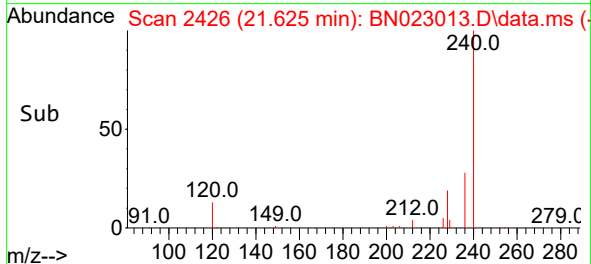
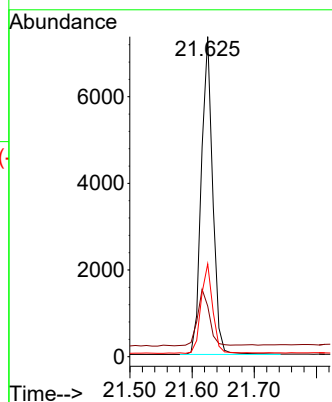
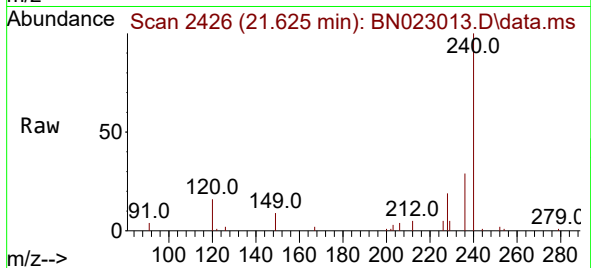




#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.625 min Scan# 2426  
Delta R.T. -0.004 min  
Lab File: BN023013.D  
Acq: 01 Dec 2022 10:20

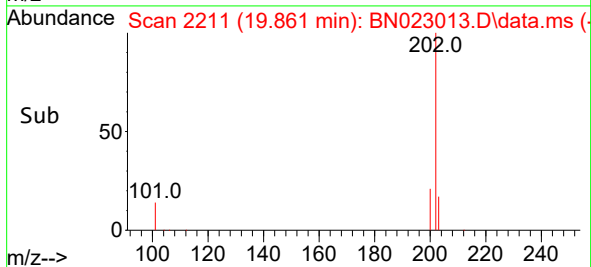
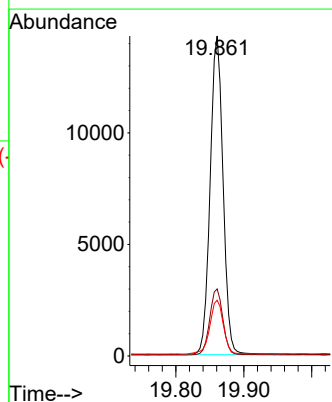
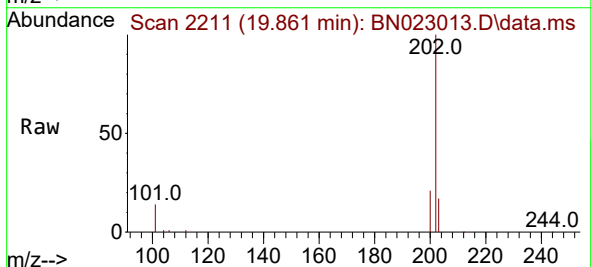
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

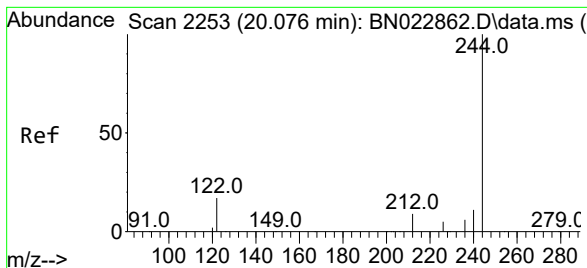
Tgt Ion:240 Resp: 9354  
Ion Ratio Lower Upper  
240 100  
120 15.8 9.2 13.8#  
236 29.0 22.6 34.0



#30  
Pyrene  
Concen: 0.386 ng  
RT: 19.861 min Scan# 2211  
Delta R.T. -0.004 min  
Lab File: BN023013.D  
Acq: 01 Dec 2022 10:20

Tgt Ion:202 Resp: 18798  
Ion Ratio Lower Upper  
202 100  
200 21.1 17.0 25.4  
203 17.6 14.2 21.2





#31

Terphenyl-d14

Concen: 0.365 ng

RT: 20.058 min Scan# 21

Delta R.T. -0.004 min

Lab File: BN023013.D

Acq: 01 Dec 2022 10:20

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4

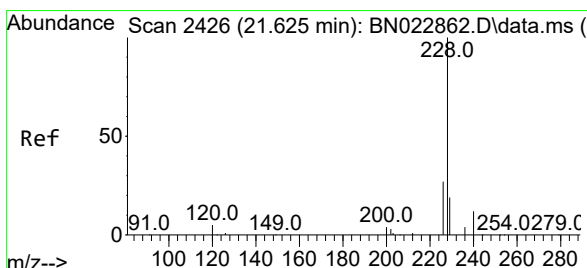
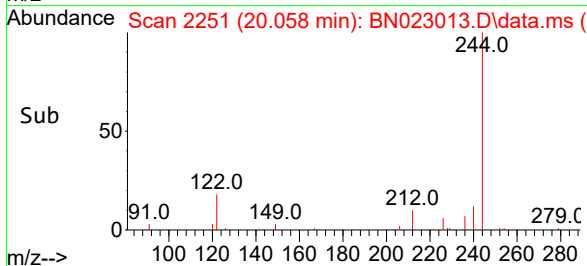
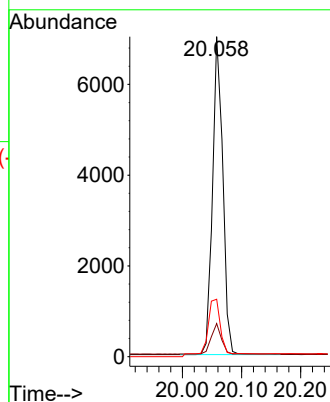
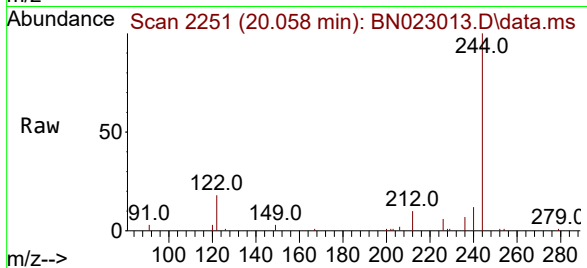
Tgt Ion:244 Resp: 8027

Ion Ratio Lower Upper

244 100

212 10.4 7.9 11.9

122 17.9 13.9 20.9



#32

Benzo(a)anthracene

Concen: 0.337 ng

RT: 21.607 min Scan# 2424

Delta R.T. -0.004 min

Lab File: BN023013.D

Acq: 01 Dec 2022 10:20

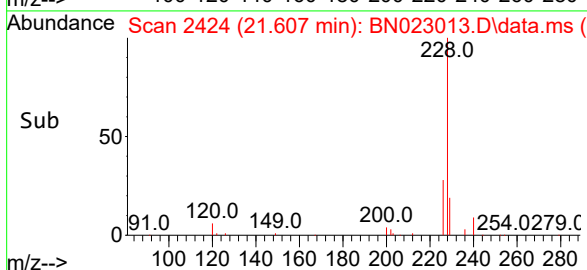
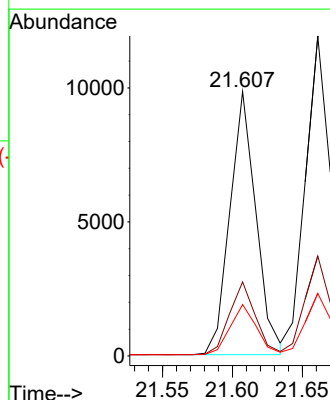
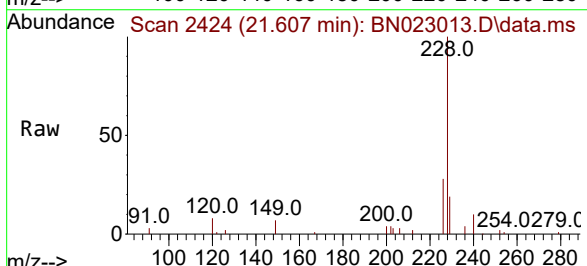
Tgt Ion:228 Resp: 12742

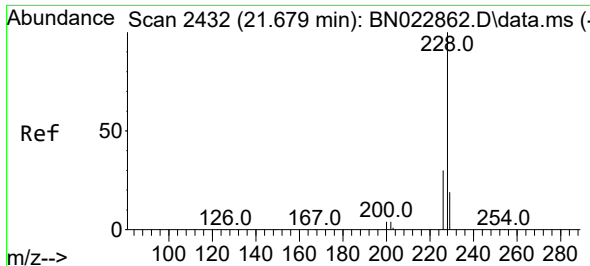
Ion Ratio Lower Upper

228 100

226 28.0 22.1 33.1

229 19.4 15.8 23.6





#33

Chrysene

Concen: 0.386 ng

RT: 21.661 min Scan# 2432

Delta R.T. -0.004 min

Lab File: BN023013.D

Acq: 01 Dec 2022 10:20

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4

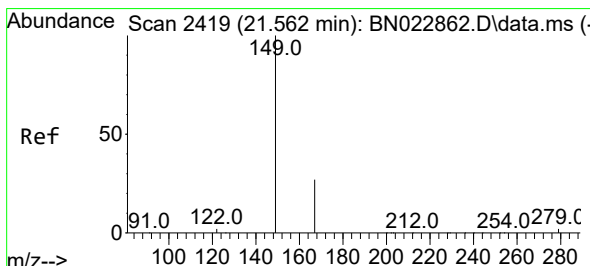
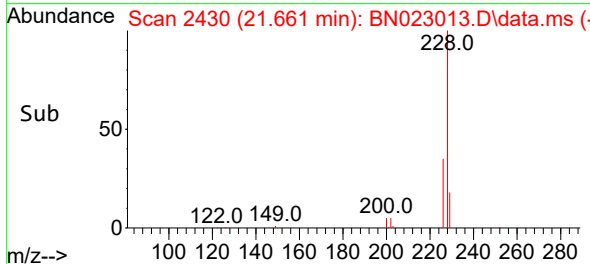
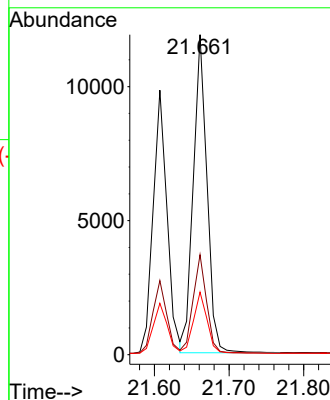
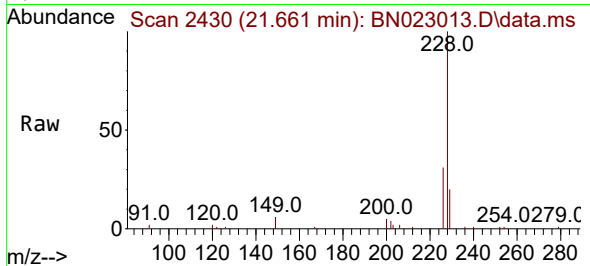
Tgt Ion:228 Resp: 15137

Ion Ratio Lower Upper

228 100

226 31.2 24.5 36.7

229 19.6 15.8 23.6



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.363 ng

RT: 21.527 min Scan# 2415

Delta R.T. -0.013 min

Lab File: BN023013.D

Acq: 01 Dec 2022 10:20

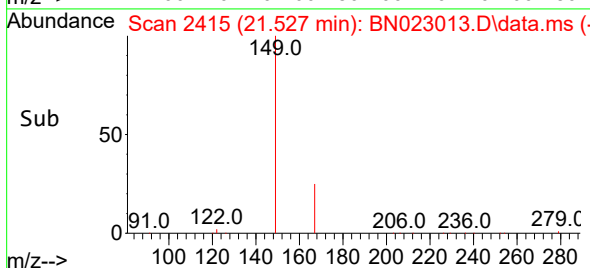
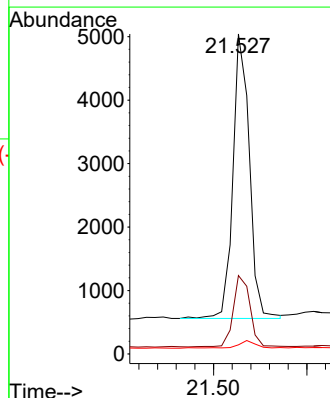
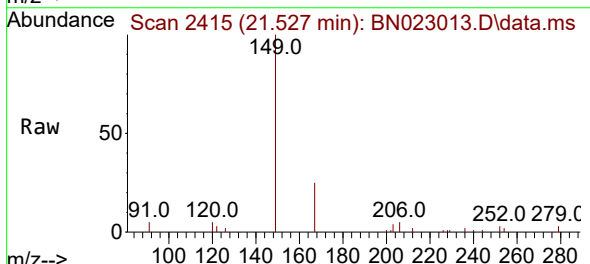
Tgt Ion:149 Resp: 5507

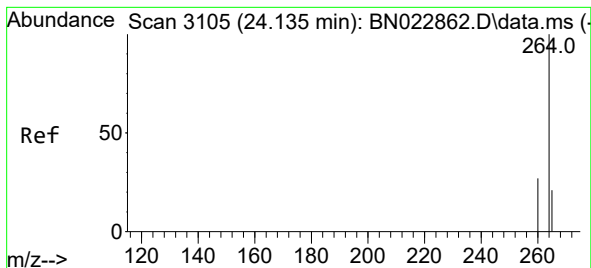
Ion Ratio Lower Upper

149 100

167 25.6 21.3 31.9

279 3.0 2.3 3.5





#35

Perylene-d12

Concen: 0.400 ng

RT: 24.106 min Scan# 3095

Delta R.T. -0.007 min

Lab File: BN023013.D

Acq: 01 Dec 2022 10:20

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4

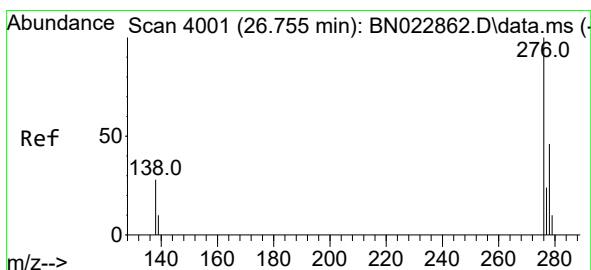
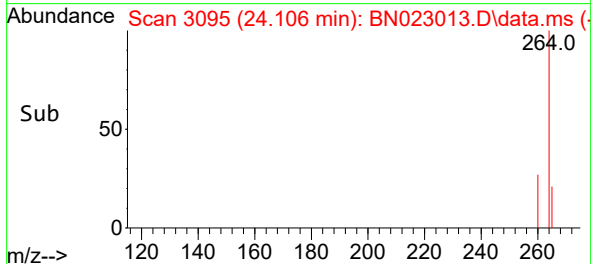
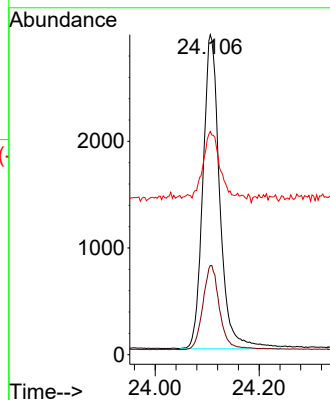
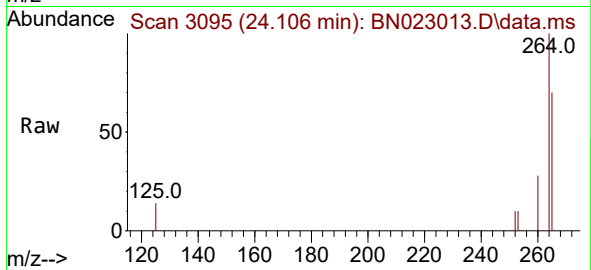
Tgt Ion:264 Resp: 6644

Ion Ratio Lower Upper

264 100

260 27.8 21.7 32.5

265 69.8 31.0 46.4#



#36

Indeno(1,2,3-cd)pyrene

Concen: 0.439 ng

RT: 26.708 min Scan# 3985

Delta R.T. -0.010 min

Lab File: BN023013.D

Acq: 01 Dec 2022 10:20

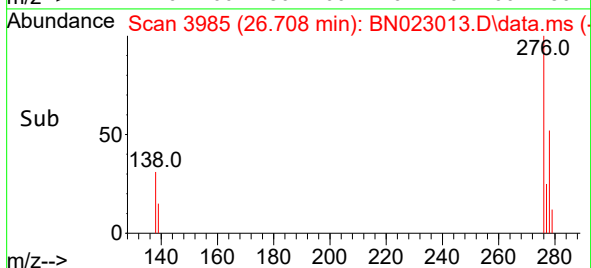
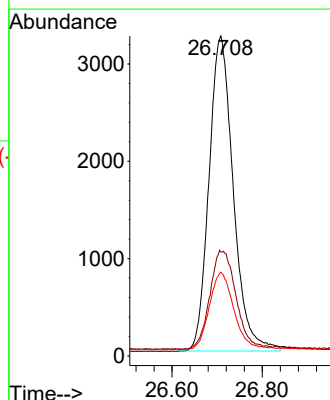
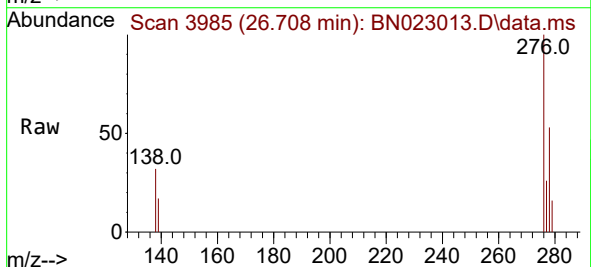
Tgt Ion:276 Resp: 12091

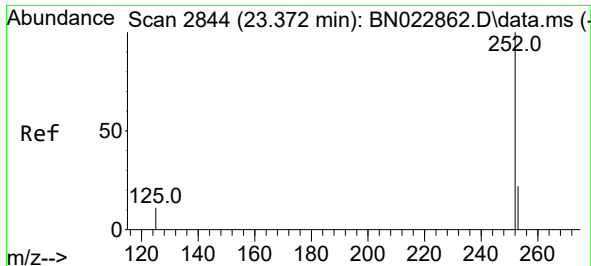
Ion Ratio Lower Upper

276 100

138 33.2 24.4 36.6

277 24.9 19.9 29.9

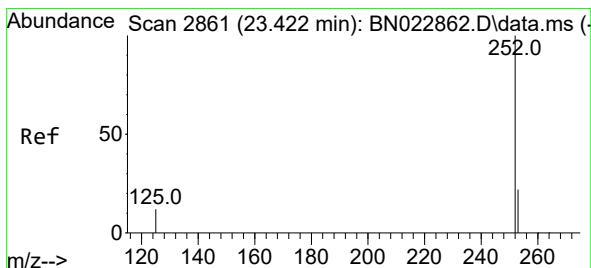
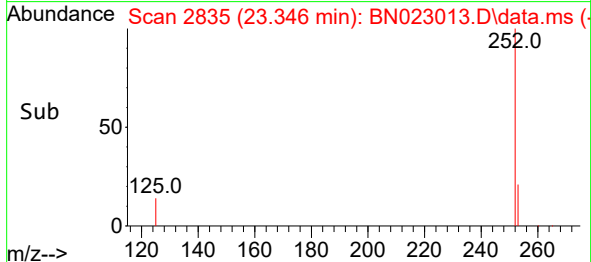
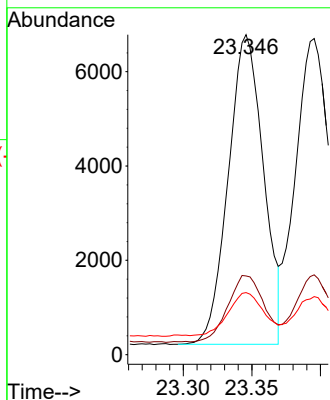
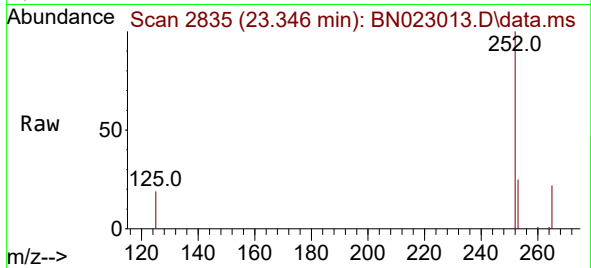




#37  
Benzo(b)fluoranthene  
Concen: 0.395 ng  
RT: 23.346 min Scan# 2835  
Delta R.T. -0.004 min  
Lab File: BN023013.D  
Acq: 01 Dec 2022 10:20

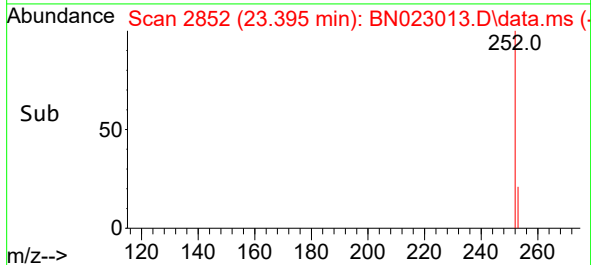
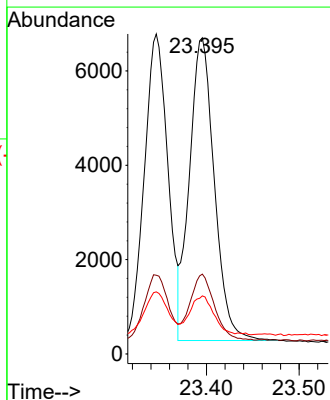
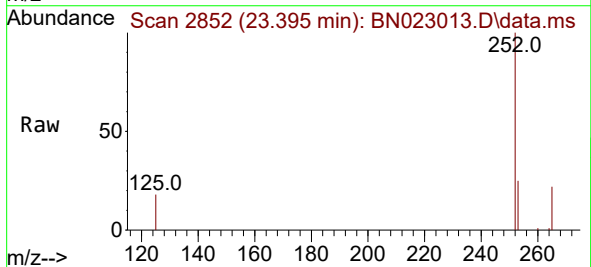
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

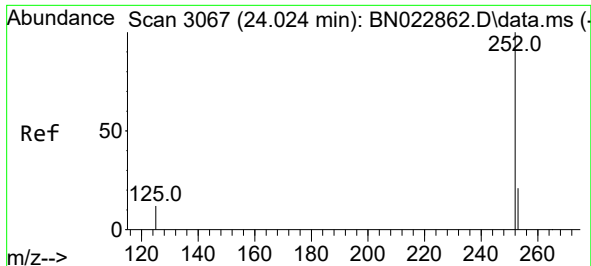
Tgt Ion:252 Resp: 11706  
Ion Ratio Lower Upper  
252 100  
253 24.6 18.5 27.7  
125 19.4 10.8 16.2#



#38  
Benzo(k)fluoranthene  
Concen: 0.373 ng  
RT: 23.395 min Scan# 2852  
Delta R.T. -0.004 min  
Lab File: BN023013.D  
Acq: 01 Dec 2022 10:20

Tgt Ion:252 Resp: 11985  
Ion Ratio Lower Upper  
252 100  
253 25.2 18.6 27.8  
125 18.4 11.0 16.4#

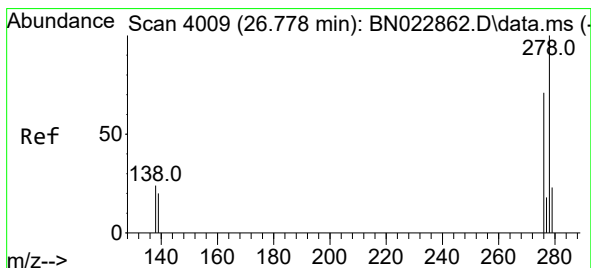
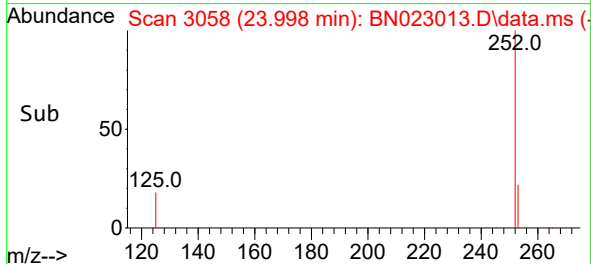
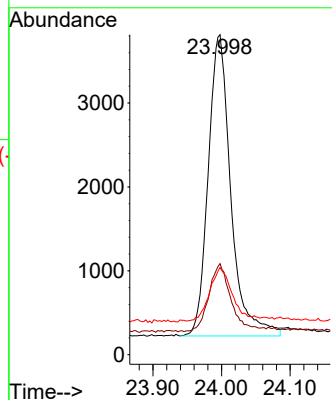
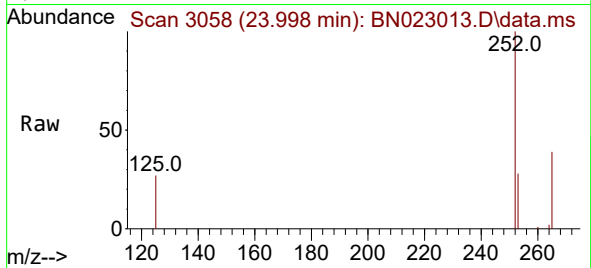




#39  
Benzo(a)pyrene  
Concen: 0.365 ng  
RT: 23.998 min Scan# 3067  
Delta R.T. -0.004 min  
Lab File: BN023013.D  
Acq: 01 Dec 2022 10:20

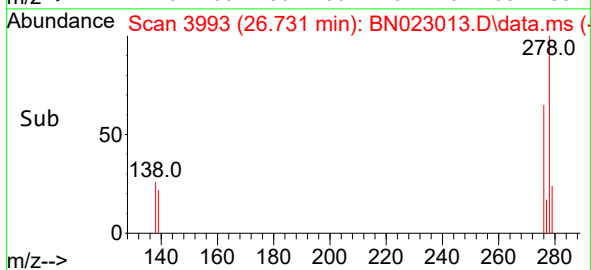
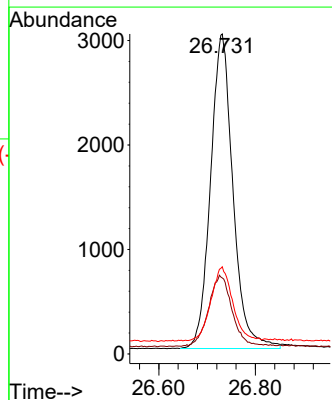
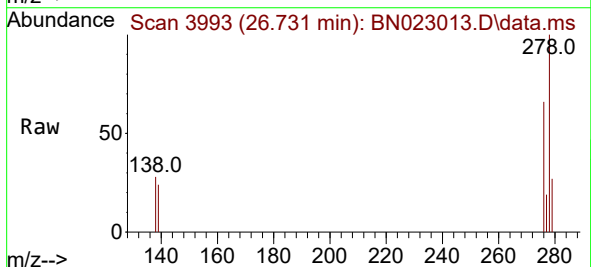
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

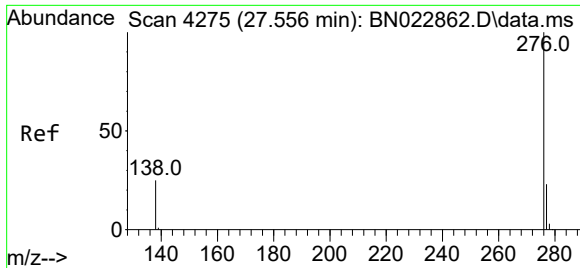
Tgt Ion:252 Resp: 8269  
Ion Ratio Lower Upper  
252 100  
253 28.4 19.2 28.8  
125 27.3 12.7 19.1#



#40  
Dibenzo(a,h)anthracene  
Concen: 0.444 ng  
RT: 26.731 min Scan# 3993  
Delta R.T. -0.007 min  
Lab File: BN023013.D  
Acq: 01 Dec 2022 10:20

Tgt Ion:278 Resp: 9716  
Ion Ratio Lower Upper  
278 100  
139 23.8 17.4 26.0  
279 27.3 20.0 30.0





#41  
Benzo(g,h,i)perylene  
Concen: 0.428 ng  
RT: 27.509 min Scan# 41  
Delta R.T. -0.004 min  
Lab File: BN023013.D  
Acq: 01 Dec 2022 10:20

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

Tgt Ion:276 Resp: 10088  
Ion Ratio Lower Upper  
276 100  
277 25.4 19.7 29.5  
138 29.3 21.4 32.2

