

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN032723\  
 Data File : BN024556.D  
 Acq On : 27 Mar 2023 10:15  
 Operator : CG/JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC0.4

Quant Time: Mar 27 16:16:51 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN031323.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Mar 25 00:22:43 2023  
 Response via : Initial Calibration

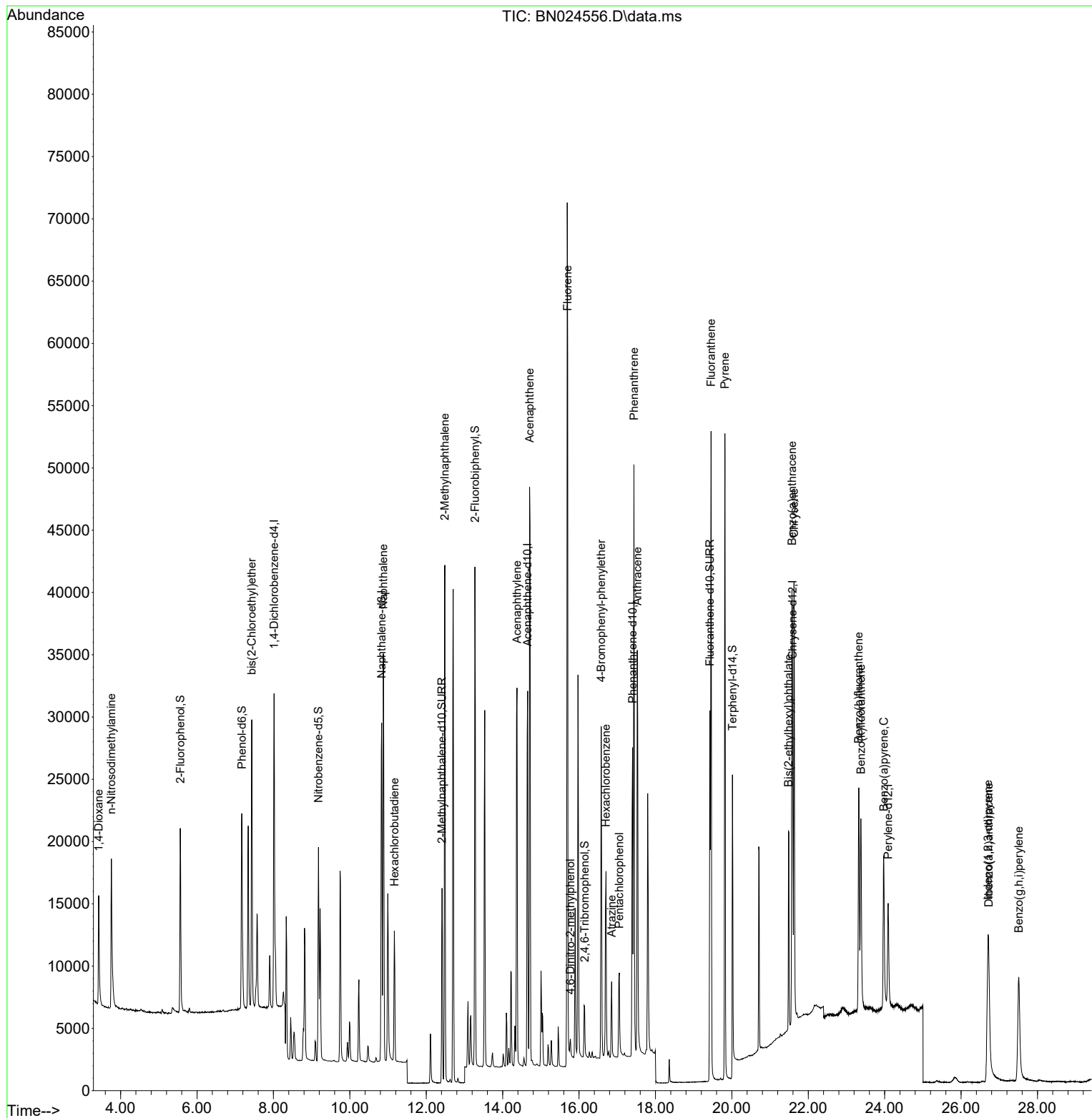
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.018  | 152  | 12411    | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.834 | 136  | 36002    | 0.400 | ng    | 0.00     |
| 13) Acenaphthene-d10          | 14.654 | 164  | 17939    | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.400 | 188  | 35872    | 0.400 | ng    | 0.00     |
| 29) Chrysene-d12              | 21.592 | 240  | 19010    | 0.400 | ng    | 0.00     |
| 35) Perylene-d12              | 24.091 | 264  | 14630    | 0.400 | ng    | # 0.00   |
|                               |        |      |          |       |       |          |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.562  | 112  | 12509    | 0.455 | ng    | 0.00     |
| 5) Phenol-d6                  | 7.173  | 99   | 14870    | 0.421 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 9.179  | 82   | 13037    | 0.542 | ng    | -0.01    |
| 11) 2-Methylnaphthalene-d10   | 12.414 | 152  | 20783    | 0.470 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 16.146 | 330  | 2950     | 0.322 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 13.275 | 172  | 33860    | 0.500 | ng    | -0.01    |
| 27) Fluoranthene-d10          | 19.425 | 212  | 32054    | 0.422 | ng    | 0.00     |
| 31) Terphenyl-d14             | 20.015 | 244  | 17039    | 0.532 | ng    | 0.00     |
|                               |        |      |          |       |       |          |
| Target Compounds              |        |      |          |       |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.425  | 88   | 5959     | 0.441 | ng    | 97       |
| 3) n-Nitrosodimethylamine     | 3.757  | 42   | 9429     | 0.476 | ng    | 95       |
| 6) bis(2-Chloroethyl)ether    | 7.433  | 93   | 16170    | 0.462 | ng    | 97       |
| 9) Naphthalene                | 10.877 | 128  | 42868    | 0.468 | ng    | 99       |
| 10) Hexachlorobutadiene       | 11.165 | 225  | 8295     | 0.478 | ng    | # 100    |
| 12) 2-Methylnaphthalene       | 12.486 | 142  | 28359    | 0.459 | ng    | 99       |
| 16) Acenaphthylene            | 14.376 | 152  | 36443    | 0.428 | ng    | 99       |
| 17) Acenaphthene              | 14.707 | 154  | 24456    | 0.451 | ng    | 97       |
| 18) Fluorene                  | 15.701 | 166  | 31260    | 0.483 | ng    | 100      |
| 20) 4,6-Dinitro-2-methylph... | 15.774 | 198  | 979      | 0.324 | ng    | 90       |
| 21) 4-Bromophenyl-phenylether | 16.581 | 248  | 10008    | 0.469 | ng    | # 76     |
| 22) Hexachlorobenzene         | 16.705 | 284  | 12300    | 0.470 | ng    | 100      |
| 23) Atrazine                  | 16.854 | 200  | 5220     | 0.386 | ng    | 99       |
| 24) Pentachlorophenol         | 17.053 | 266  | 4270     | 0.397 | ng    | 99       |
| 25) Phenanthrene              | 17.437 | 178  | 47534    | 0.447 | ng    | 100      |
| 26) Anthracene                | 17.524 | 178  | 39633    | 0.404 | ng    | 99       |
| 28) Fluoranthene              | 19.454 | 202  | 47158    | 0.405 | ng    | 99       |
| 30) Pyrene                    | 19.817 | 202  | 47221    | 0.613 | ng    | 100      |
| 32) Benzo(a)anthracene        | 21.574 | 228  | 28298    | 0.446 | ng    | 100      |
| 33) Chrysene                  | 21.627 | 228  | 32945    | 0.486 | ng    | 100      |
| 34) Bis(2-ethylhexyl)phtha... | 21.484 | 149  | 16726    | 0.560 | ng    | # 100    |
| 36) Indeno(1,2,3-cd)pyrene    | 26.704 | 276  | 21244    | 0.388 | ng    | 96       |
| 37) Benzo(b)fluoranthene      | 23.322 | 252  | 25942    | 0.456 | ng    | 96       |
| 38) Benzo(k)fluoranthene      | 23.377 | 252  | 24794    | 0.422 | ng    | 94       |
| 39) Benzo(a)pyrene            | 23.977 | 252  | 21668    | 0.415 | ng    | 92       |
| 40) Dibenzo(a,h)anthracene    | 26.725 | 278  | 14961    | 0.352 | ng    | 96       |
| 41) Benzo(g,h,i)perylene      | 27.511 | 276  | 22624    | 0.457 | ng    | 98       |
| -----                         |        |      |          |       |       |          |

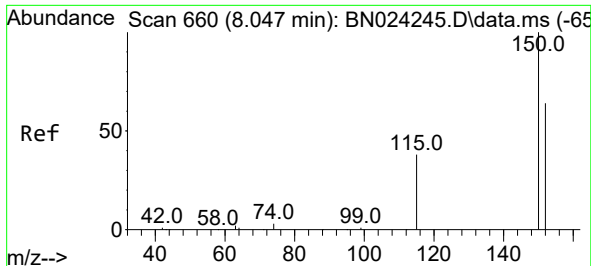
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN032723\  
Data File : BN024556.D  
Acq On : 27 Mar 2023 10:15  
Operator : CG/JU  
Sample : SSTDCCC0.4  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

Quant Time: Mar 27 16:16:51 2023  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN031323.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Sat Mar 25 00:22:43 2023  
Response via : Initial Calibration

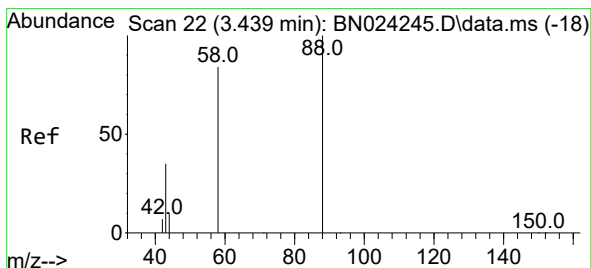
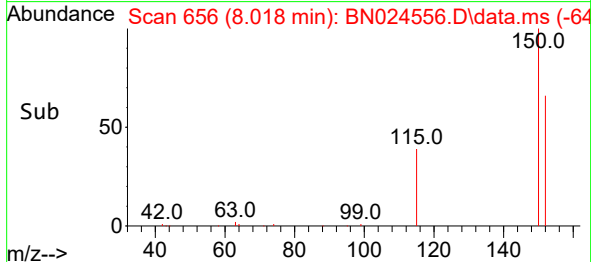
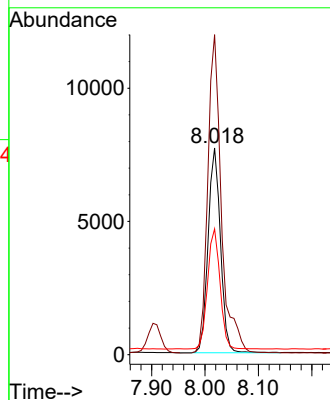
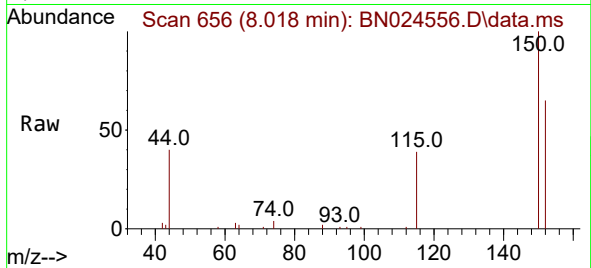




#1  
1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 8.018 min Scan# 61  
Delta R.T. -0.007 min  
Lab File: BN024556.D  
Acq: 27 Mar 2023 10:15

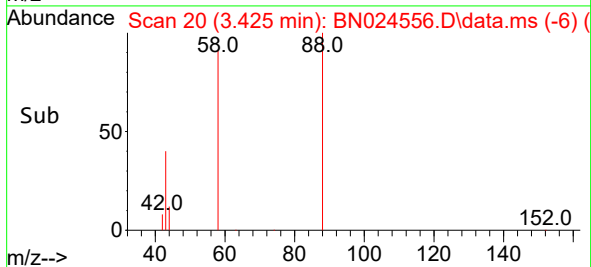
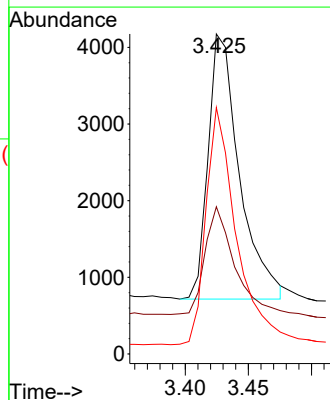
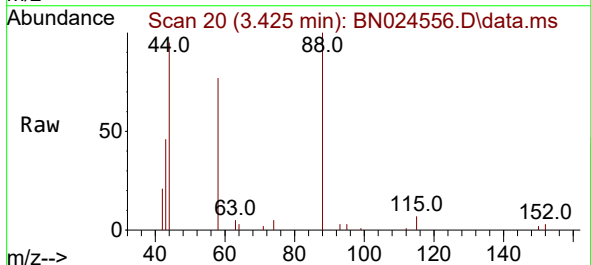
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

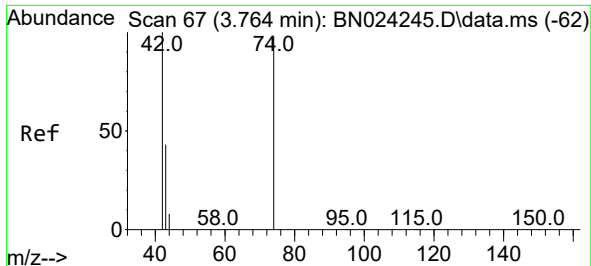
Tgt Ion:152 Resp: 12411  
Ion Ratio Lower Upper  
152 100  
150 154.8 124.7 187.1  
115 60.8 49.1 73.7



#2  
1,4-Dioxane  
Concen: 0.441 ng  
RT: 3.425 min Scan# 20  
Delta R.T. -0.000 min  
Lab File: BN024556.D  
Acq: 27 Mar 2023 10:15

Tgt Ion: 88 Resp: 5959  
Ion Ratio Lower Upper  
88 100  
43 38.3 29.0 43.4  
58 86.8 67.3 100.9

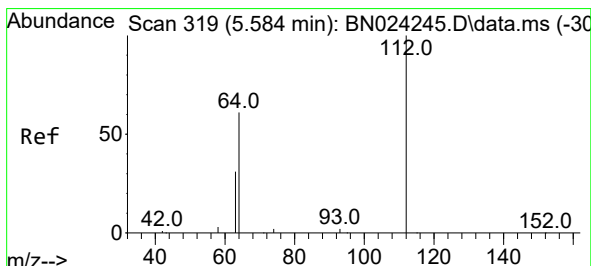
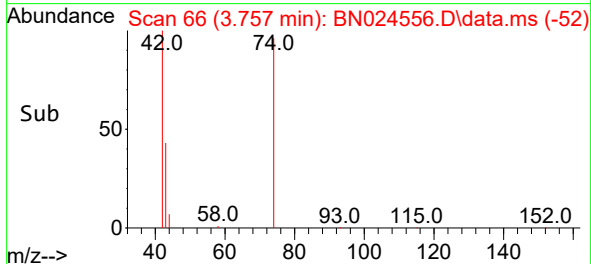
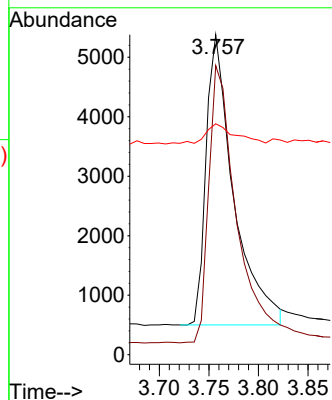
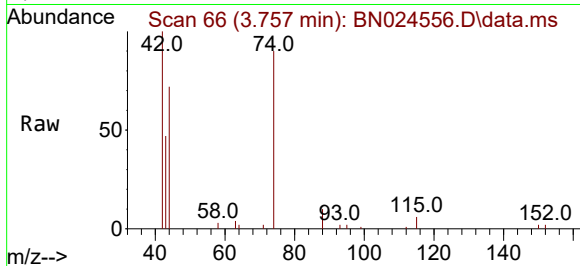




#3  
n-Nitrosodimethylamine  
Concen: 0.476 ng  
RT: 3.757 min Scan# 61  
Delta R.T. -0.000 min  
Lab File: BN024556.D  
Acq: 27 Mar 2023 10:15

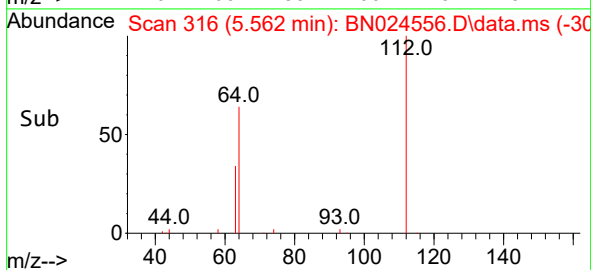
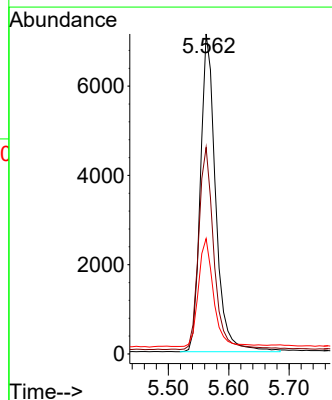
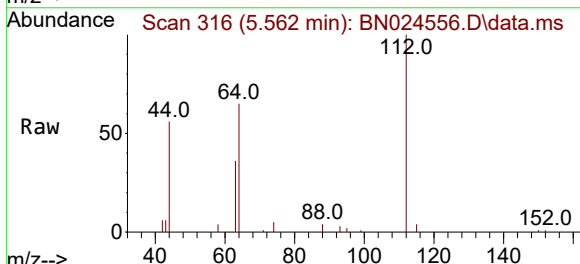
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

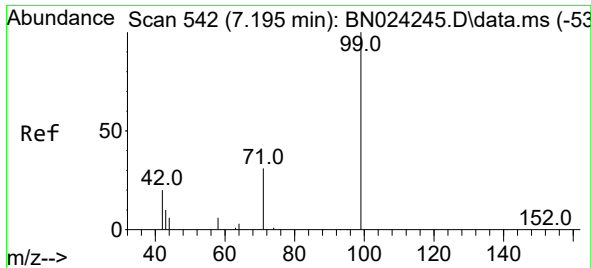
Tgt Ion: 42 Resp: 9429  
Ion Ratio Lower Upper  
42 100  
74 96.4 81.6 122.4  
44 7.5 7.3 10.9



#4  
2-Fluorophenol  
Concen: 0.455 ng  
RT: 5.562 min Scan# 316  
Delta R.T. -0.008 min  
Lab File: BN024556.D  
Acq: 27 Mar 2023 10:15

Tgt Ion: 112 Resp: 12509  
Ion Ratio Lower Upper  
112 100  
64 63.9 49.0 73.6  
63 33.8 25.7 38.5

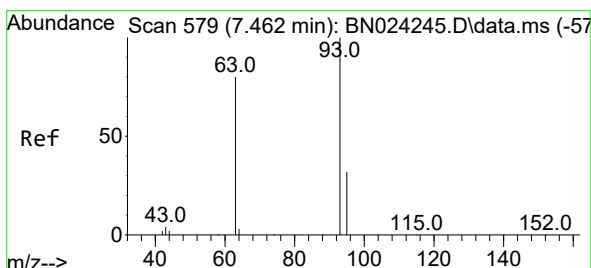
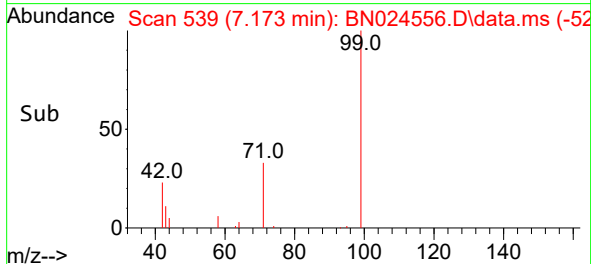
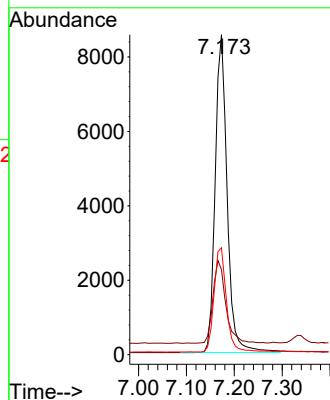
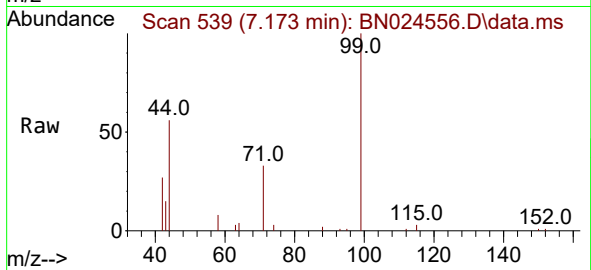




#5  
Phenol-d6  
Concen: 0.421 ng  
RT: 7.173 min Scan# 51  
Delta R.T. -0.008 min  
Lab File: BN024556.D  
Acq: 27 Mar 2023 10:15

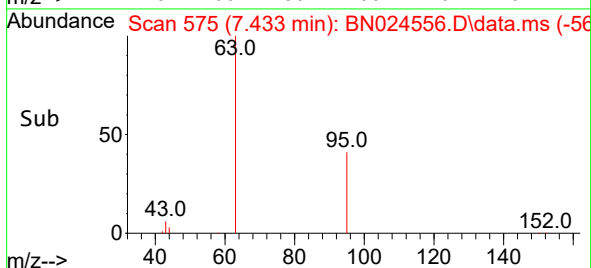
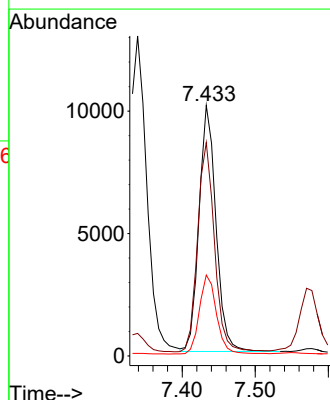
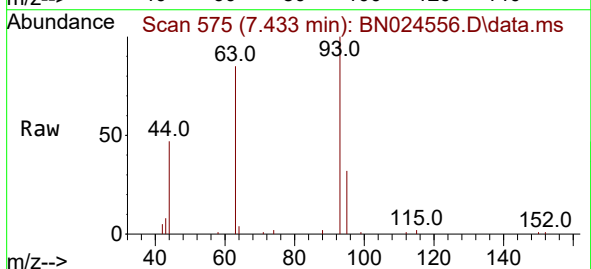
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

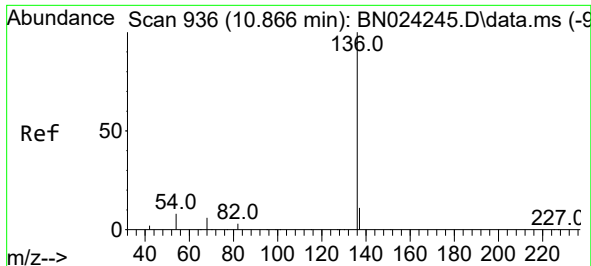
Tgt Ion: 99 Resp: 14870  
Ion Ratio Lower Upper  
99 100  
42 27.7 20.1 30.1  
71 34.0 25.8 38.8



#6  
bis(2-Chloroethyl)ether  
Concen: 0.462 ng  
RT: 7.433 min Scan# 575  
Delta R.T. -0.008 min  
Lab File: BN024556.D  
Acq: 27 Mar 2023 10:15

Tgt Ion: 93 Resp: 16170  
Ion Ratio Lower Upper  
93 100  
63 84.8 65.4 98.2  
95 32.5 25.8 38.8

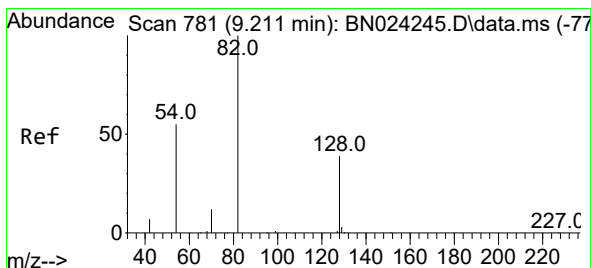
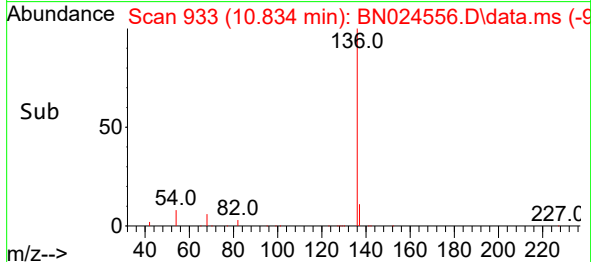
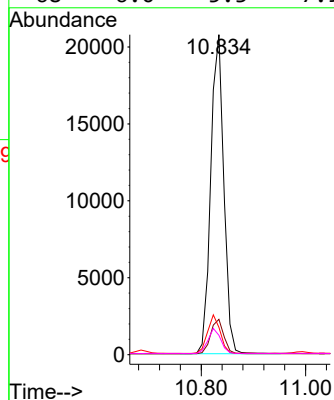
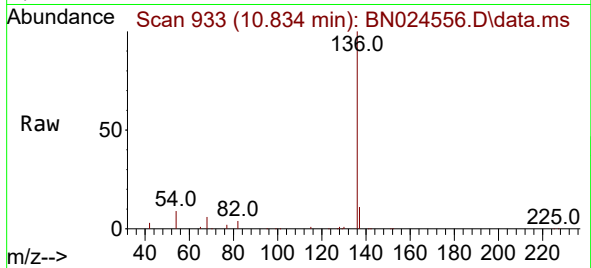




#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.834 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: BN024556.D  
Acq: 27 Mar 2023 10:15

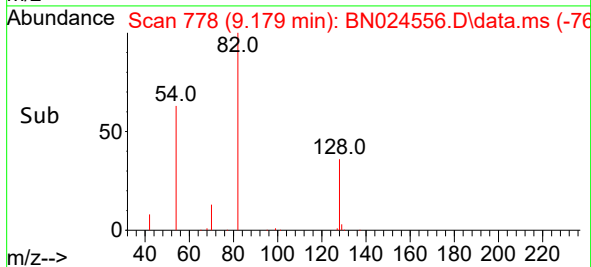
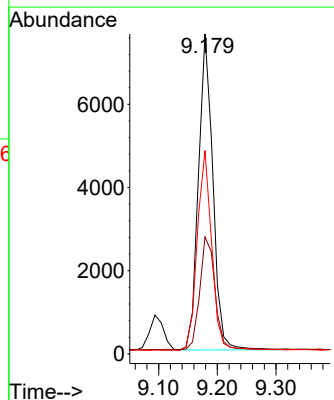
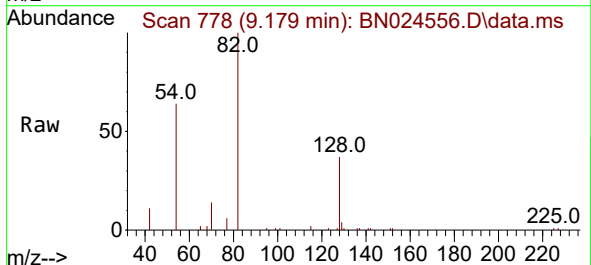
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

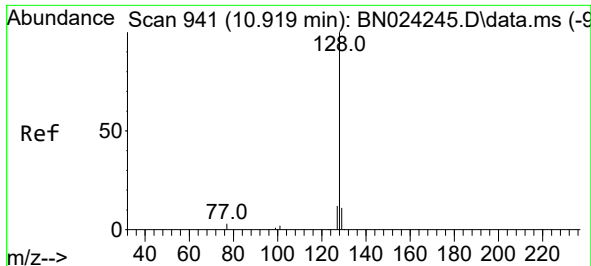
|             |       |          |
|-------------|-------|----------|
| Tgt Ion:136 | Resp: | 36002    |
| Ion Ratio   | Lower | Upper    |
| 136         | 100   |          |
| 137         | 11.0  | 8.9 13.3 |
| 54          | 8.6   | 7.1 10.7 |
| 68          | 6.0   | 5.3 7.9  |



#8  
Nitrobenzene-d5  
Concen: 0.542 ng  
RT: 9.179 min Scan# 778  
Delta R.T. -0.011 min  
Lab File: BN024556.D  
Acq: 27 Mar 2023 10:15

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion: 82 | Resp: | 13037     |
| Ion Ratio   | Lower | Upper     |
| 82          | 100   |           |
| 128         | 36.5  | 32.4 48.6 |
| 54          | 63.6  | 45.2 67.8 |

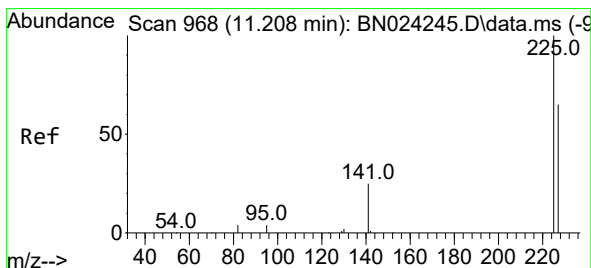
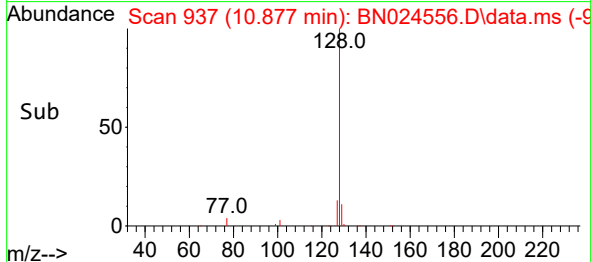
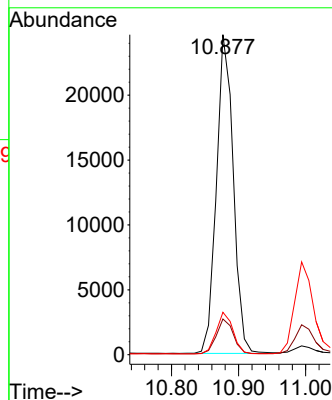
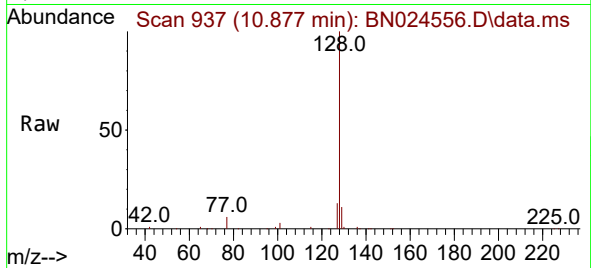




#9  
Naphthalene  
Concen: 0.468 ng  
RT: 10.877 min Scan# 91  
Delta R.T. -0.011 min  
Lab File: BN024556.D  
Acq: 27 Mar 2023 10:15

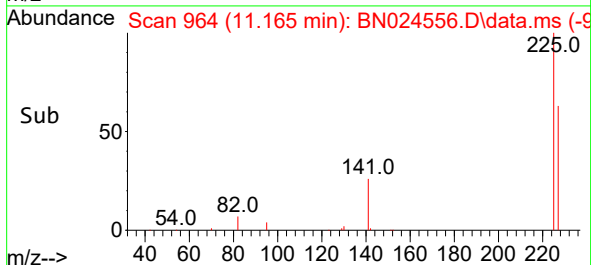
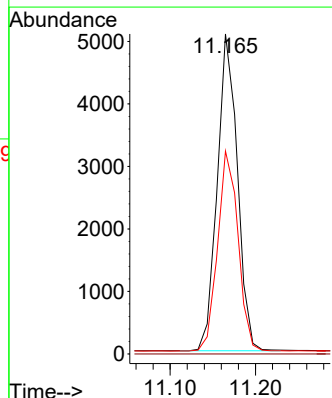
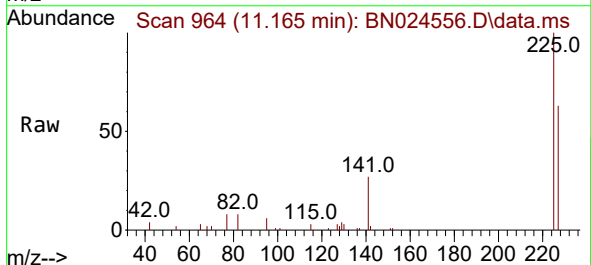
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

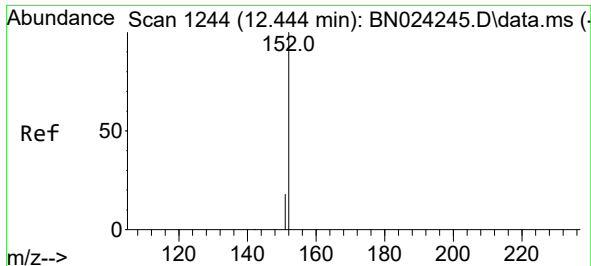
Tgt Ion:128 Resp: 42868  
Ion Ratio Lower Upper  
128 100  
129 11.2 9.0 13.6  
127 13.3 10.2 15.4



#10  
Hexachlorobutadiene  
Concen: 0.478 ng  
RT: 11.165 min Scan# 964  
Delta R.T. -0.011 min  
Lab File: BN024556.D  
Acq: 27 Mar 2023 10:15

Tgt Ion:225 Resp: 8295  
Ion Ratio Lower Upper  
225 100  
223 0.0 0.0 0.0  
227 64.0 51.0 76.4





#11

2-Methylnaphthalene-d10

Concen: 0.470 ng

RT: 12.414 min Scan# 11

Delta R.T. -0.004 min

Lab File: BN024556.D

Acq: 27 Mar 2023 10:15

Instrument :

BNA\_N

ClientSampleId :

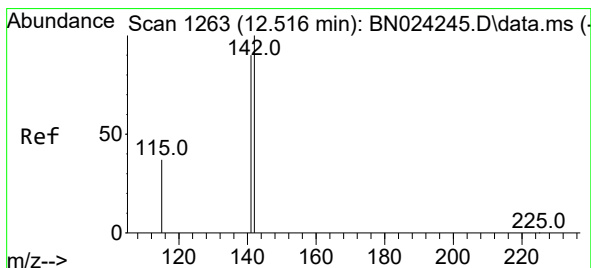
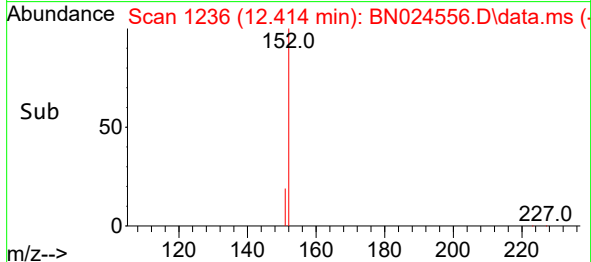
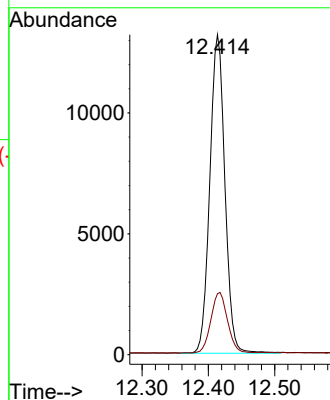
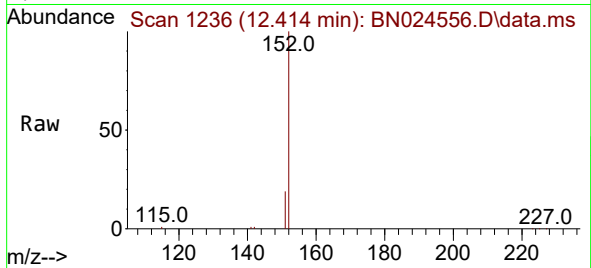
SSTDCCC0.4

Tgt Ion:152 Resp: 20783

Ion Ratio Lower Upper

152 100

151 20.8 16.8 25.2



#12

2-Methylnaphthalene

Concen: 0.459 ng

RT: 12.486 min Scan# 1255

Delta R.T. -0.008 min

Lab File: BN024556.D

Acq: 27 Mar 2023 10:15

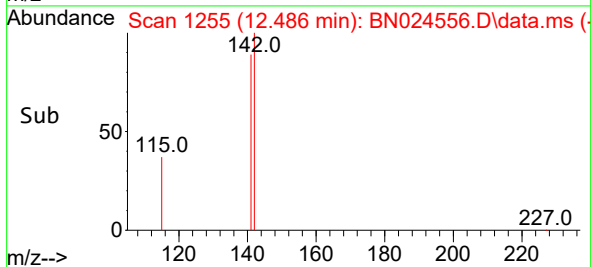
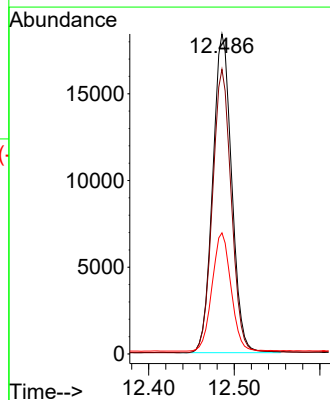
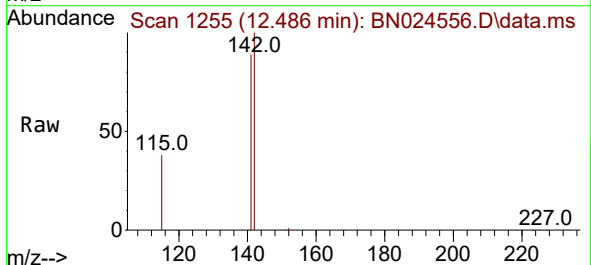
Tgt Ion:142 Resp: 28359

Ion Ratio Lower Upper

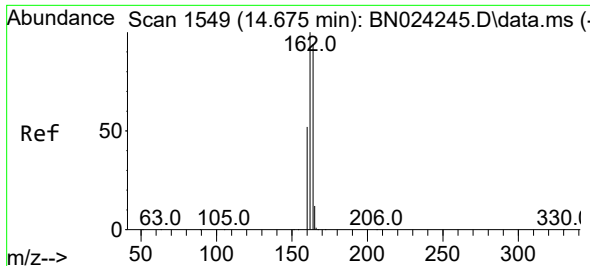
142 100

141 88.9 71.8 107.6

115 37.8 30.0 45.0



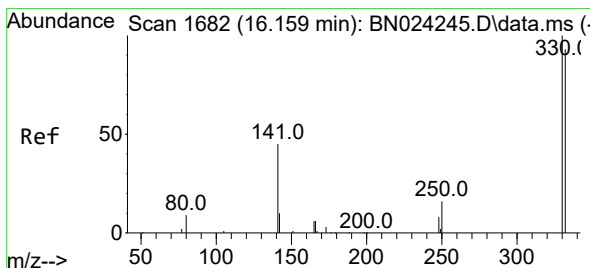
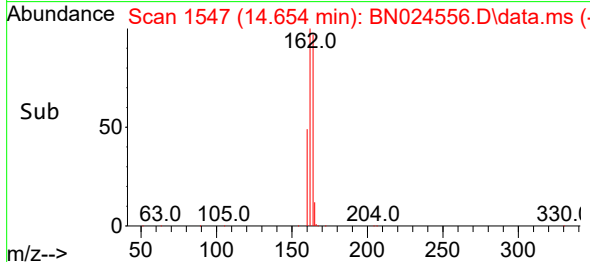
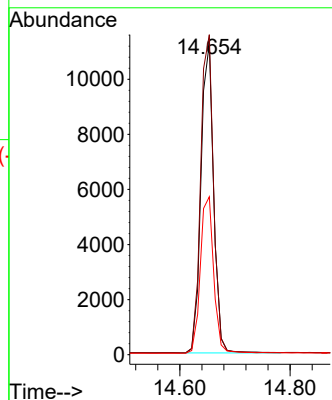
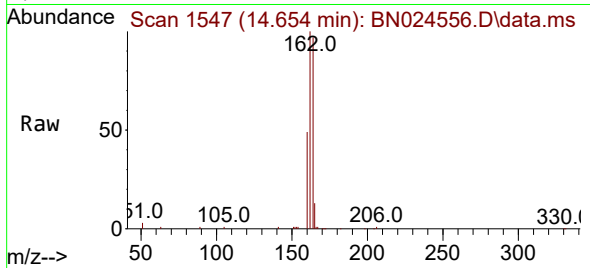




#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.654 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BN024556.D  
Acq: 27 Mar 2023 10:15

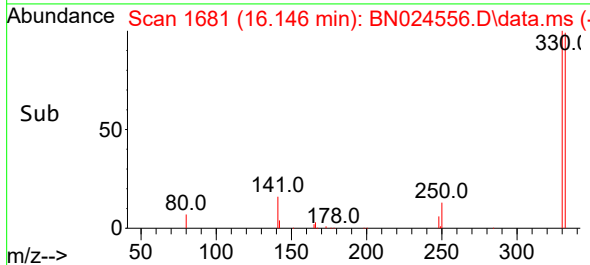
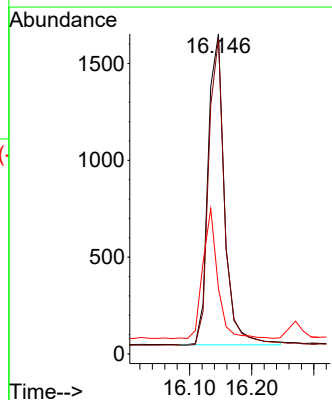
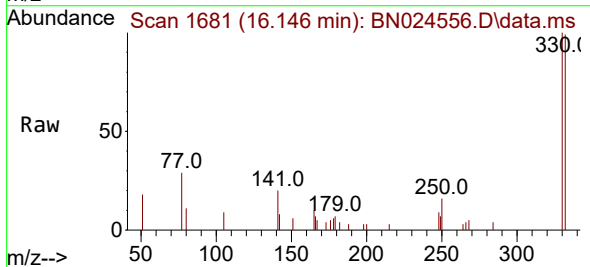
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

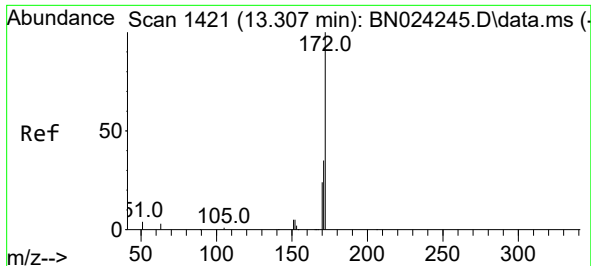
Tgt Ion:164 Resp: 17939  
Ion Ratio Lower Upper  
164 100  
162 102.8 84.7 127.1  
160 50.7 44.6 66.8



#14  
2,4,6-Tribromophenol  
Concen: 0.322 ng  
RT: 16.146 min Scan# 1681  
Delta R.T. -0.000 min  
Lab File: BN024556.D  
Acq: 27 Mar 2023 10:15

Tgt Ion:330 Resp: 2950  
Ion Ratio Lower Upper  
330 100  
332 96.4 78.0 117.0  
141 37.9 30.8 46.2

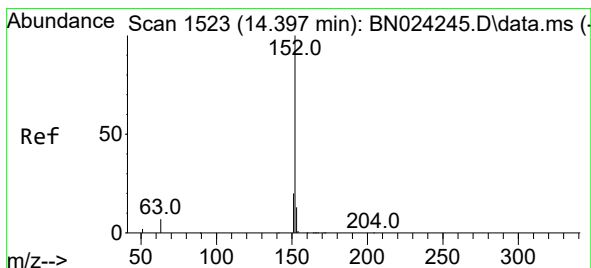
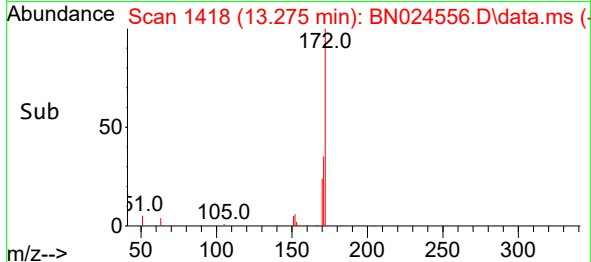
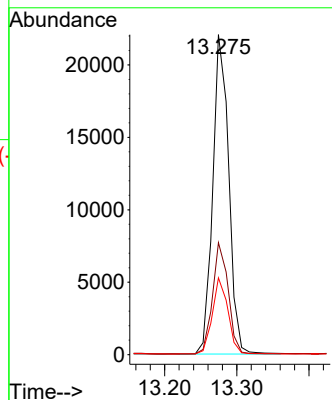
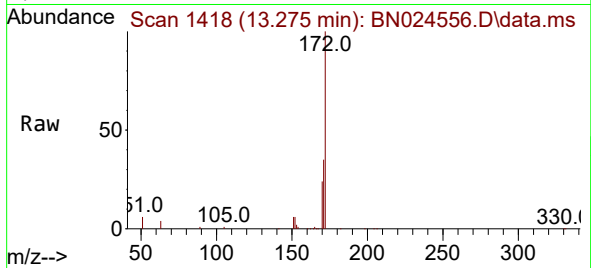




#15  
2-Fluorobiphenyl  
Concen: 0.500 ng  
RT: 13.275 min Scan# 1418  
Delta R.T. -0.011 min  
Lab File: BN024556.D  
Acq: 27 Mar 2023 10:15

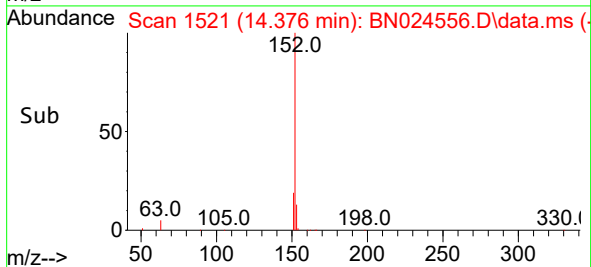
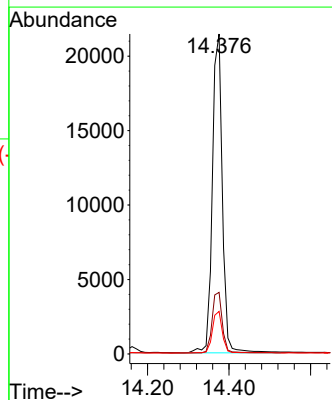
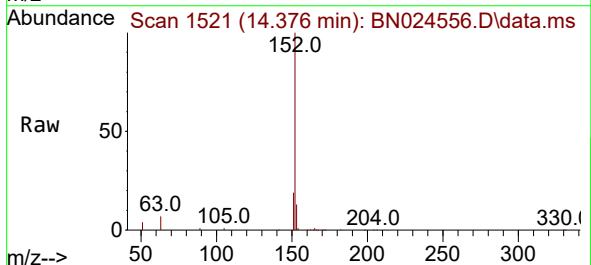
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

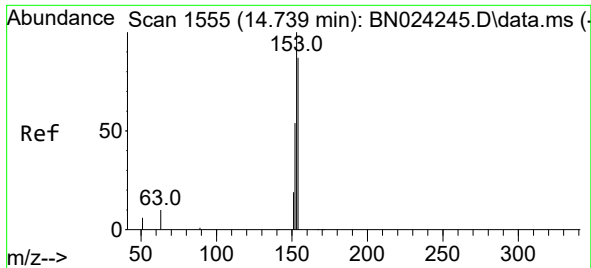
Tgt Ion:172 Resp: 33860  
Ion Ratio Lower Upper  
172 100  
171 35.0 27.8 41.8  
170 24.0 19.0 28.6



#16  
Acenaphthylene  
Concen: 0.428 ng  
RT: 14.376 min Scan# 1521  
Delta R.T. -0.000 min  
Lab File: BN024556.D  
Acq: 27 Mar 2023 10:15

Tgt Ion:152 Resp: 36443  
Ion Ratio Lower Upper  
152 100  
151 19.6 15.4 23.0  
153 13.3 10.4 15.6

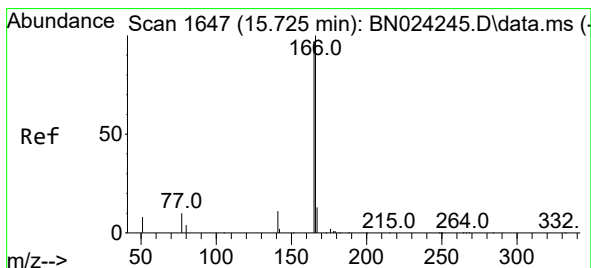
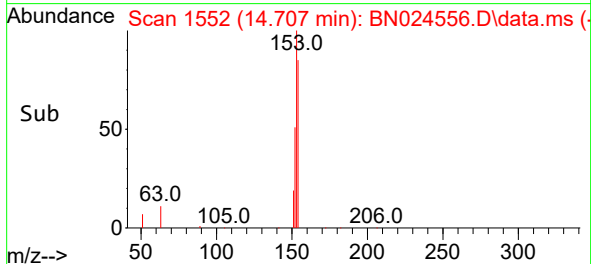
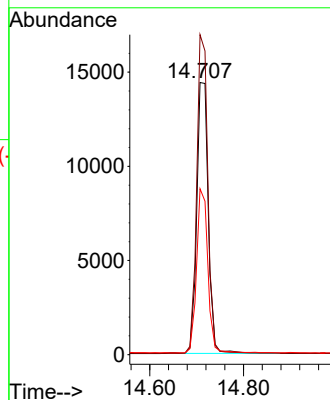
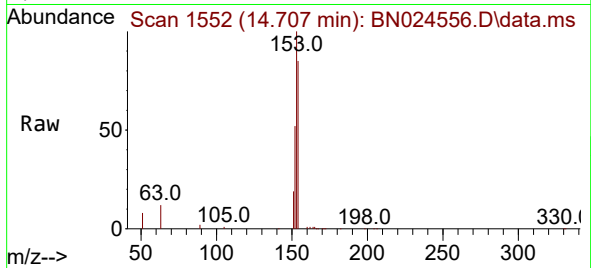




#17  
Acenaphthene  
Concen: 0.451 ng  
RT: 14.707 min Scan# 1552  
Delta R.T. -0.011 min  
Lab File: BN024556.D  
Acq: 27 Mar 2023 10:15

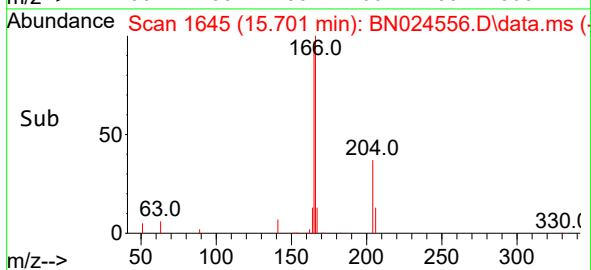
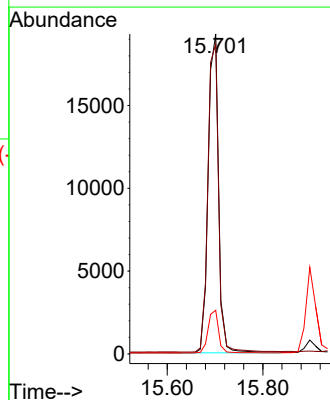
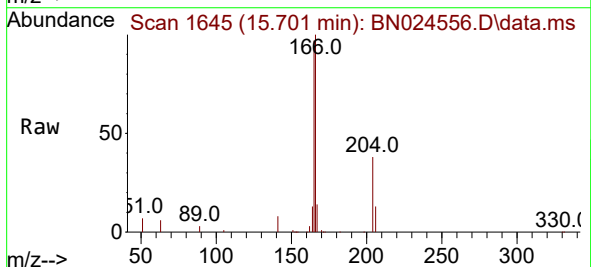
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

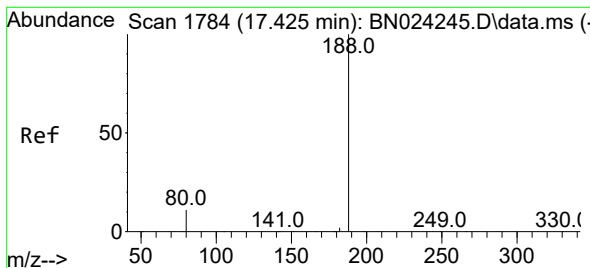
Tgt Ion:154 Resp: 24456  
Ion Ratio Lower Upper  
154 100  
153 114.3 88.4 132.6  
152 59.3 48.7 73.1



#18  
Fluorene  
Concen: 0.483 ng  
RT: 15.701 min Scan# 1645  
Delta R.T. -0.000 min  
Lab File: BN024556.D  
Acq: 27 Mar 2023 10:15

Tgt Ion:166 Resp: 31260  
Ion Ratio Lower Upper  
166 100  
165 100.3 80.2 120.2  
167 13.5 10.8 16.2





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.400 min Scan# 11

Delta R.T. -0.000 min

Lab File: BN024556.D

Acq: 27 Mar 2023 10:15

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4

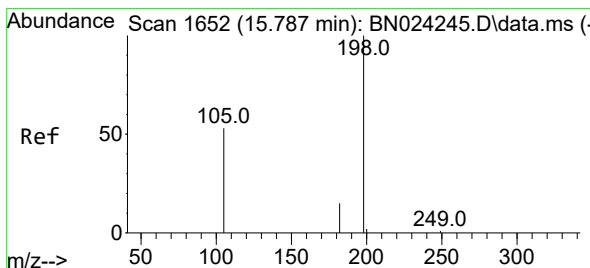
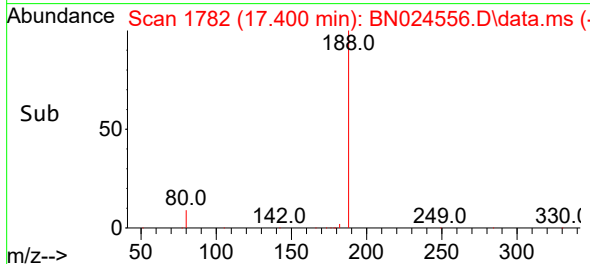
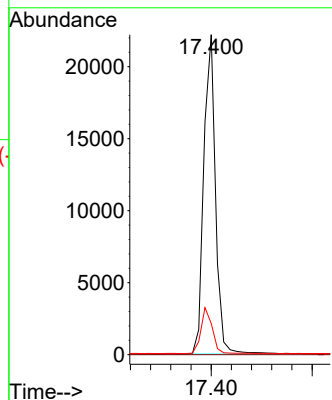
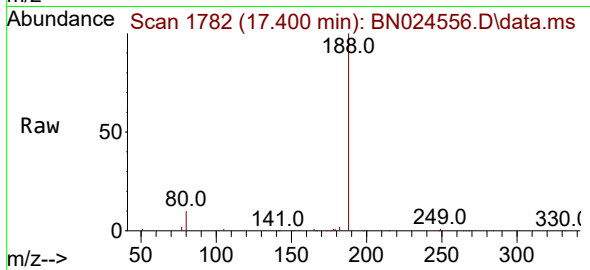
Tgt Ion:188 Resp: 35872

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 9.8 8.9 13.3



#20

4,6-Dinitro-2-methylphenol

Concen: 0.324 ng

RT: 15.774 min Scan# 1651

Delta R.T. -0.000 min

Lab File: BN024556.D

Acq: 27 Mar 2023 10:15

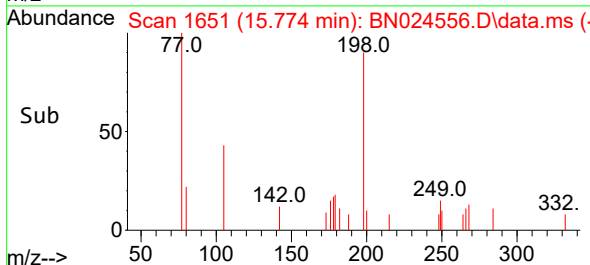
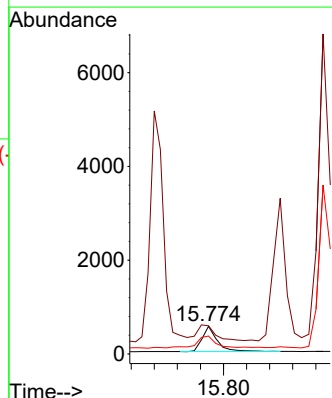
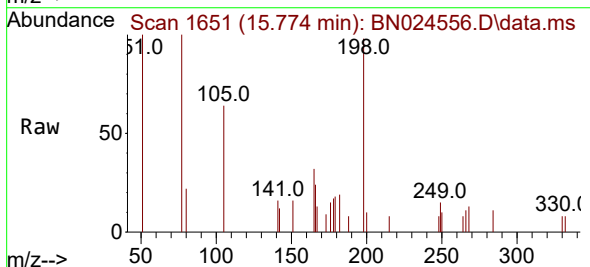
Tgt Ion:198 Resp: 979

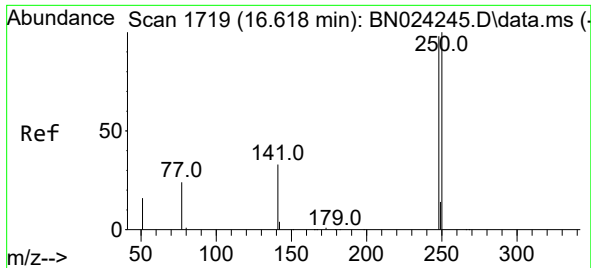
Ion Ratio Lower Upper

198 100

51 101.9 68.2 102.2

105 64.7 51.6 77.4

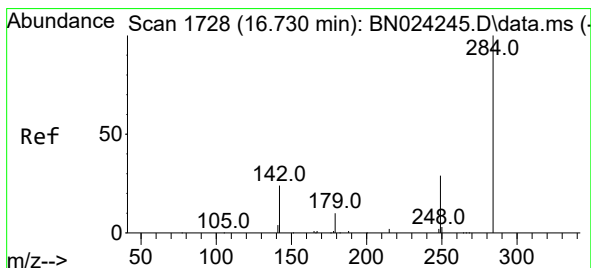
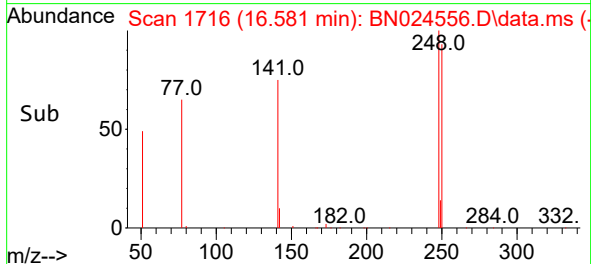
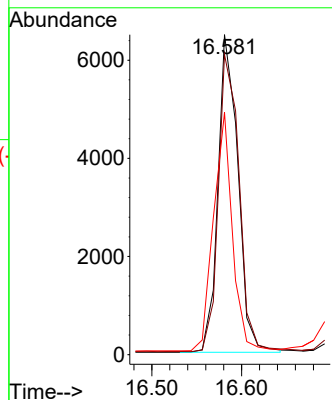
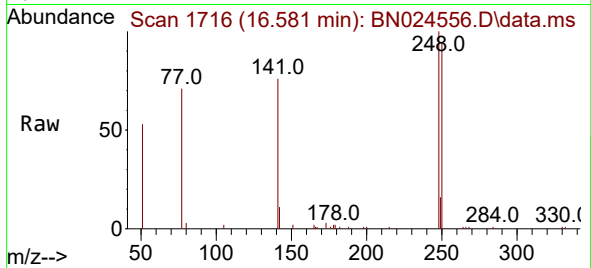




#21  
4-Bromophenyl-phenylether  
Concen: 0.469 ng  
RT: 16.581 min Scan# 1716  
Delta R.T. -0.013 min  
Lab File: BN024556.D  
Acq: 27 Mar 2023 10:15

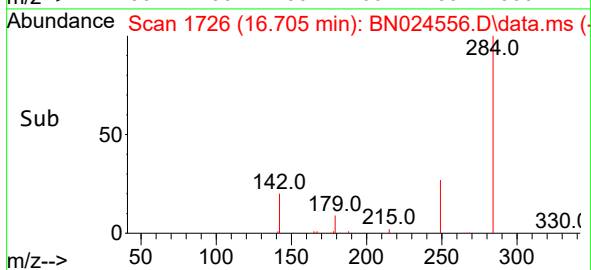
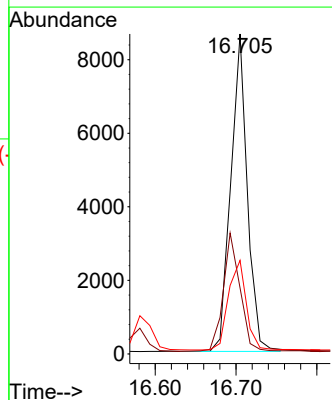
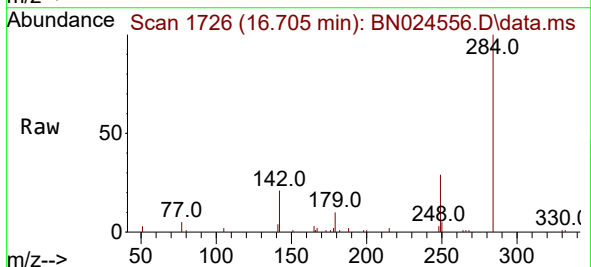
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

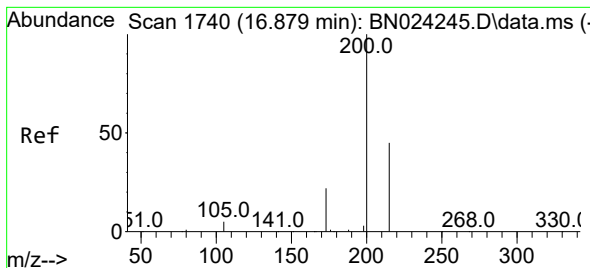
Tgt Ion:248 Resp: 10008  
Ion Ratio Lower Upper  
248 100  
250 93.8 81.9 122.9  
141 75.7 28.2 42.2#



#22  
Hexachlorobenzene  
Concen: 0.470 ng  
RT: 16.705 min Scan# 1726  
Delta R.T. -0.000 min  
Lab File: BN024556.D  
Acq: 27 Mar 2023 10:15

Tgt Ion:284 Resp: 12300  
Ion Ratio Lower Upper  
284 100  
142 37.9 30.2 45.4  
249 30.5 24.5 36.7





#23

Atrazine

Concen: 0.386 ng

RT: 16.854 min Scan# 1

Delta R.T. -0.000 min

Lab File: BN024556.D

Acq: 27 Mar 2023 10:15

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4

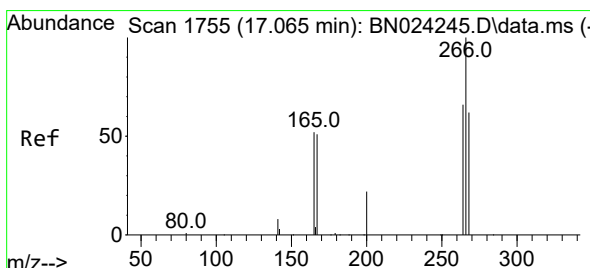
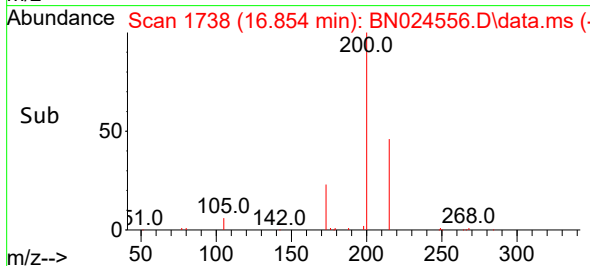
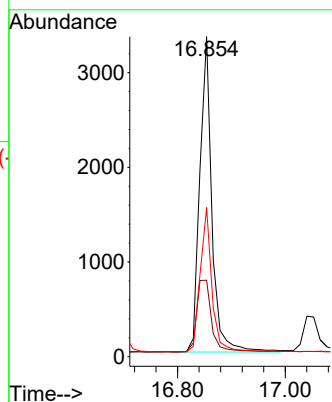
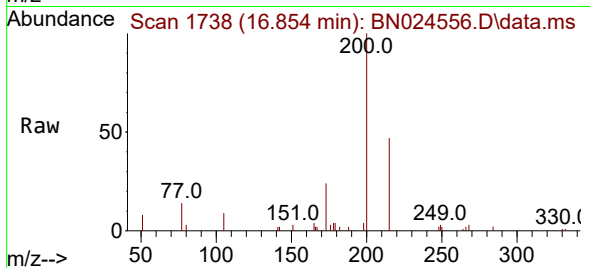
Tgt Ion:200 Resp: 5220

Ion Ratio Lower Upper

200 100

173 23.9 18.9 28.3

215 46.6 36.7 55.1



#24

Pentachlorophenol

Concen: 0.397 ng

RT: 17.053 min Scan# 1754

Delta R.T. -0.000 min

Lab File: BN024556.D

Acq: 27 Mar 2023 10:15

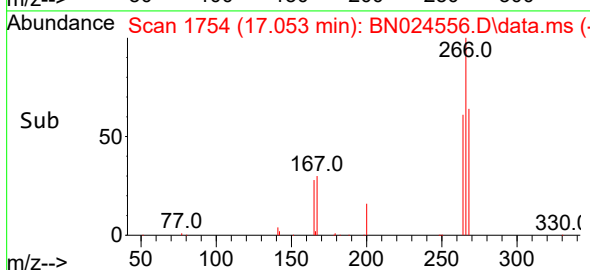
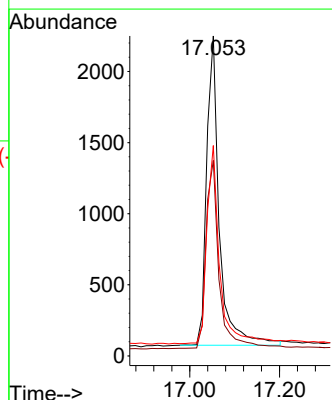
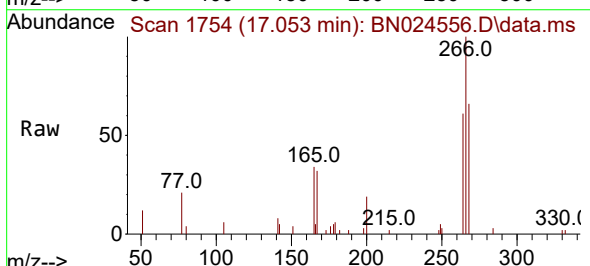
Tgt Ion:266 Resp: 4270

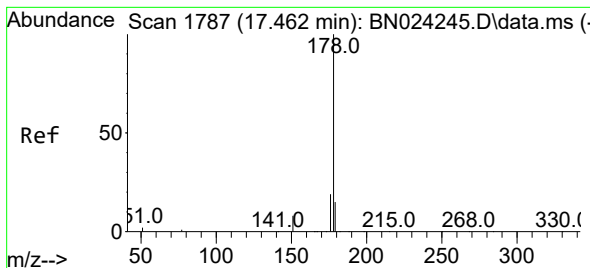
Ion Ratio Lower Upper

266 100

264 62.6 51.1 76.7

268 64.4 52.2 78.4





#25

Phenanthrene

Concen: 0.447 ng

RT: 17.437 min Scan# 1792

Delta R.T. -0.000 min

Lab File: BN024556.D

Acq: 27 Mar 2023 10:15

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4

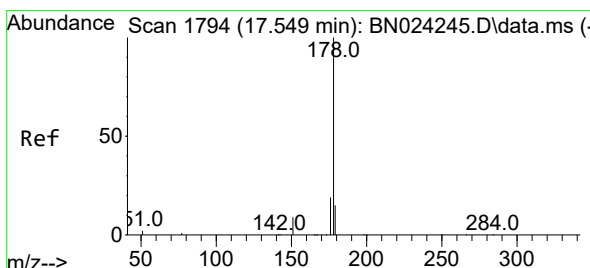
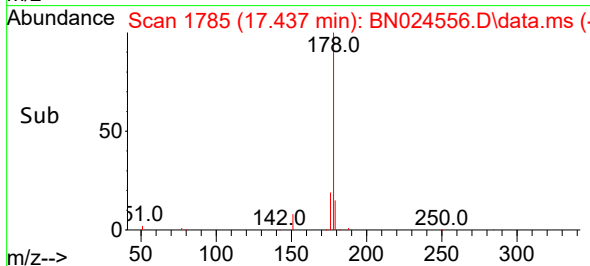
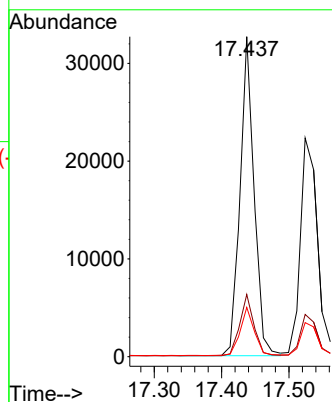
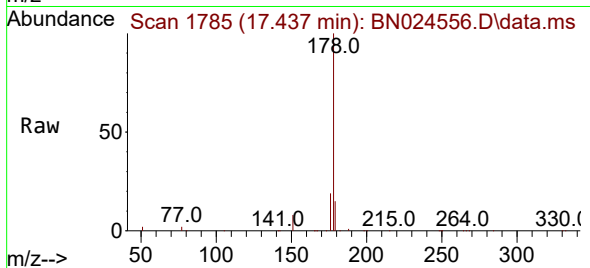
Tgt Ion:178 Resp: 47534

Ion Ratio Lower Upper

178 100

176 19.3 15.4 23.0

179 15.3 12.2 18.2



#26

Anthracene

Concen: 0.404 ng

RT: 17.524 min Scan# 1792

Delta R.T. -0.013 min

Lab File: BN024556.D

Acq: 27 Mar 2023 10:15

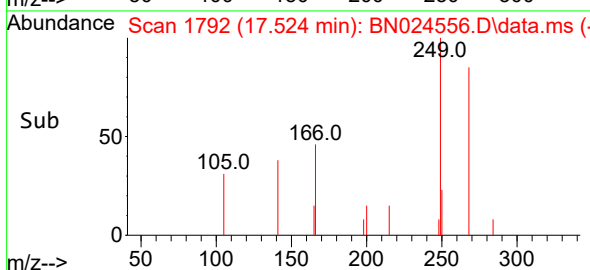
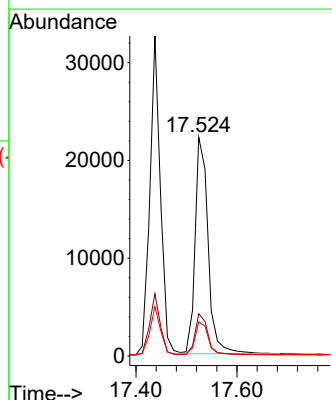
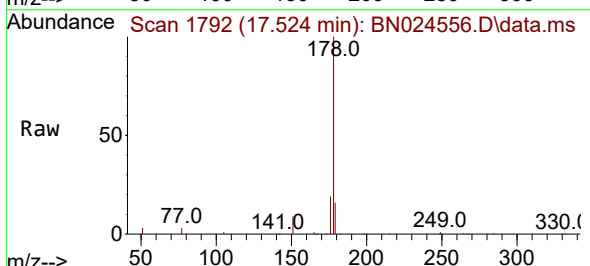
Tgt Ion:178 Resp: 39633

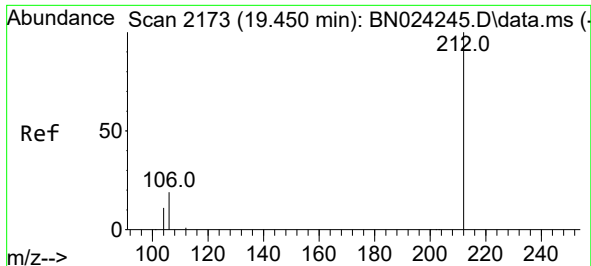
Ion Ratio Lower Upper

178 100

176 18.6 15.1 22.7

179 15.3 12.1 18.1

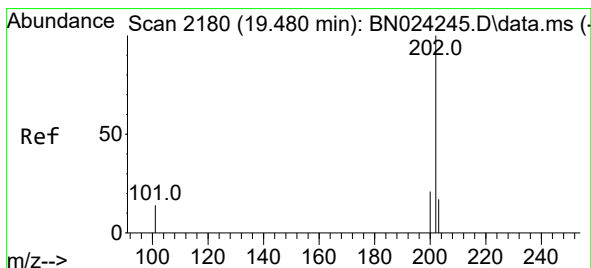
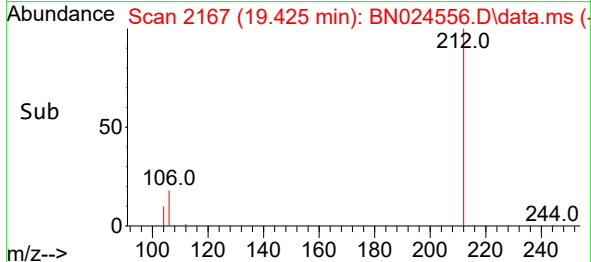
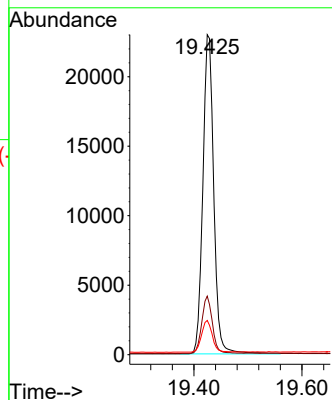
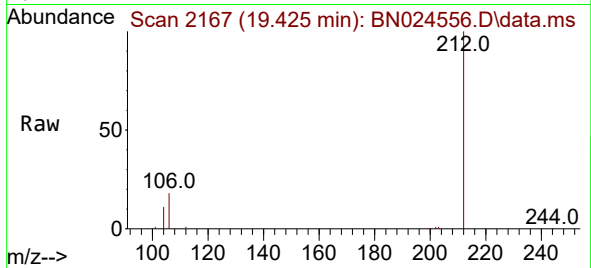




#27  
Fluoranthene-d10  
Concen: 0.422 ng  
RT: 19.425 min Scan# 2173  
Delta R.T. -0.005 min  
Lab File: BN024556.D  
Acq: 27 Mar 2023 10:15

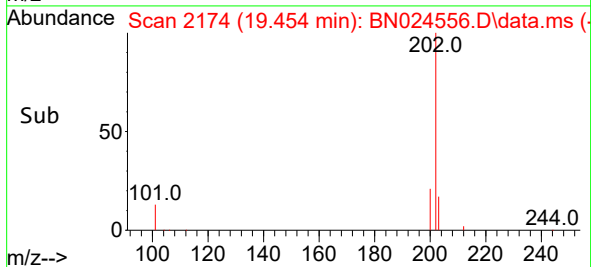
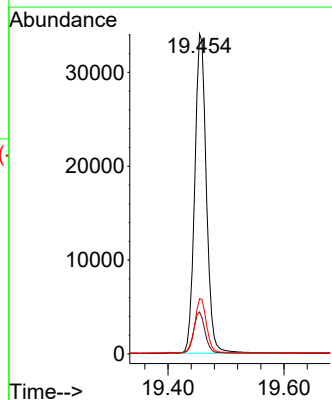
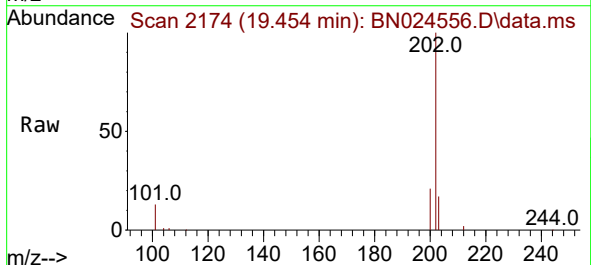
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

Tgt Ion:212 Resp: 32054  
Ion Ratio Lower Upper  
212 100  
106 17.5 15.4 23.2  
104 9.7 8.6 13.0

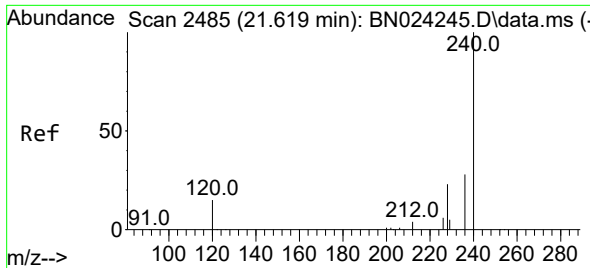


#28  
Fluoranthene  
Concen: 0.405 ng  
RT: 19.454 min Scan# 2174  
Delta R.T. -0.005 min  
Lab File: BN024556.D  
Acq: 27 Mar 2023 10:15

Tgt Ion:202 Resp: 47158  
Ion Ratio Lower Upper  
202 100  
101 12.9 11.3 16.9  
203 16.9 13.6 20.4



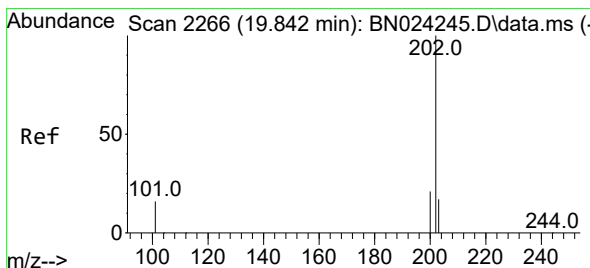
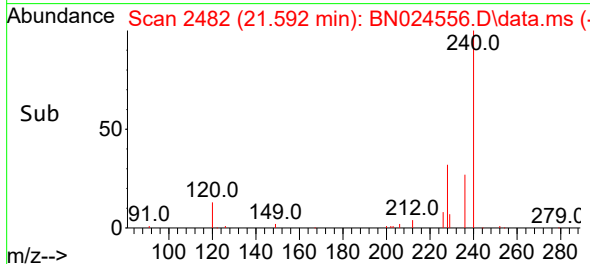
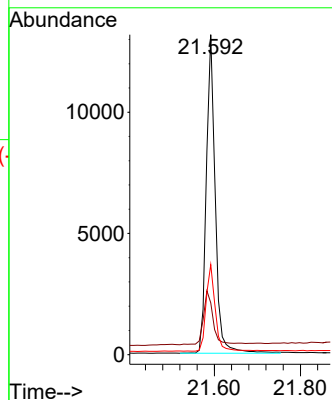
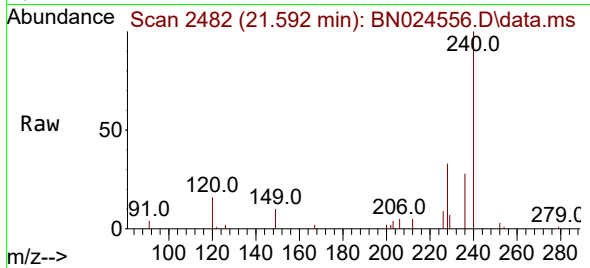




#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.592 min Scan# 2482  
Delta R.T. -0.000 min  
Lab File: BN024556.D  
Acq: 27 Mar 2023 10:15

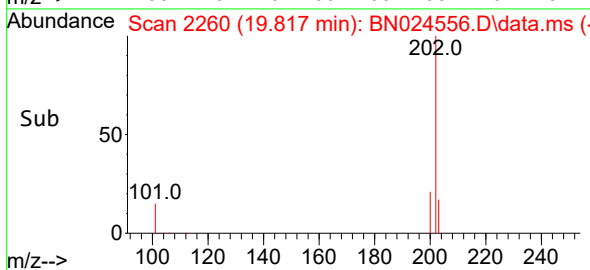
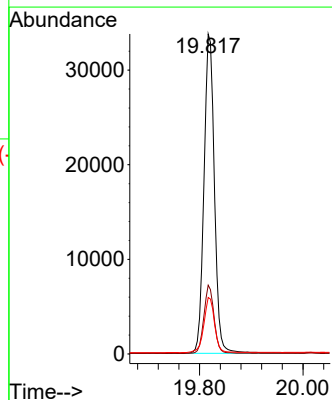
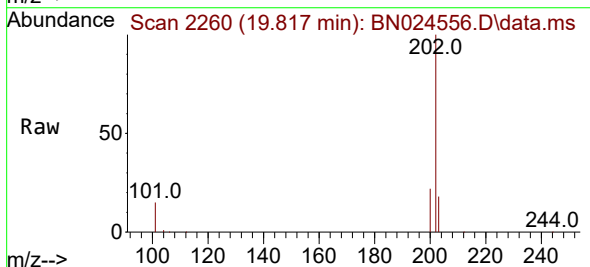
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

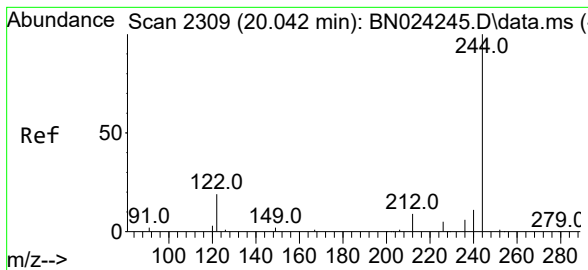
Tgt Ion:240 Resp: 19010  
Ion Ratio Lower Upper  
240 100  
120 16.2 12.8 19.2  
236 28.2 22.5 33.7



#30  
Pyrene  
Concen: 0.613 ng  
RT: 19.817 min Scan# 2260  
Delta R.T. -0.005 min  
Lab File: BN024556.D  
Acq: 27 Mar 2023 10:15

Tgt Ion:202 Resp: 47221  
Ion Ratio Lower Upper  
202 100  
200 20.9 17.0 25.4  
203 17.7 14.2 21.2





#31

Terphenyl-d14

Concen: 0.532 ng

RT: 20.015 min Scan# 21

Delta R.T. -0.000 min

Lab File: BN024556.D

Acq: 27 Mar 2023 10:15

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4

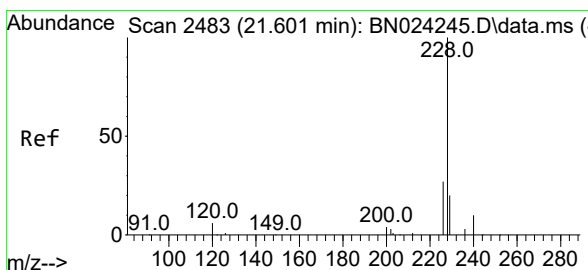
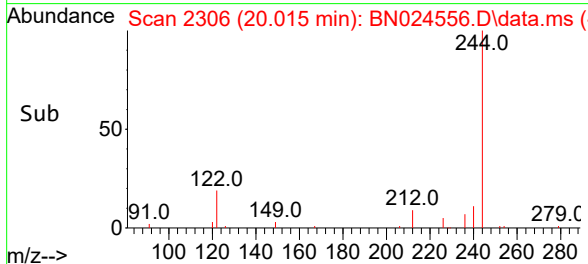
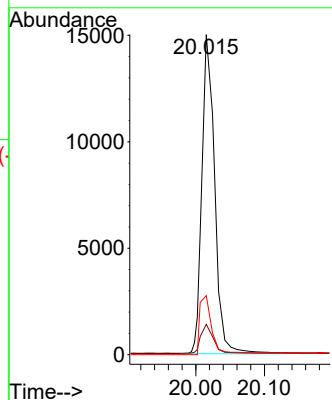
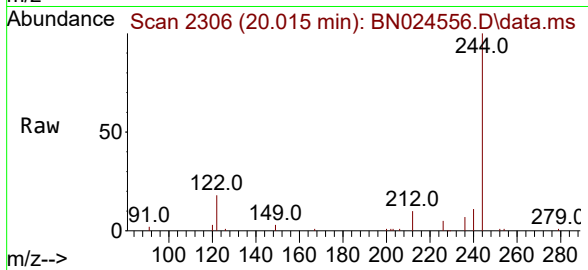
Tgt Ion:244 Resp: 17039

Ion Ratio Lower Upper

244 100

212 9.5 7.6 11.4

122 18.4 15.1 22.7



#32

Benzo(a)anthracene

Concen: 0.446 ng

RT: 21.574 min Scan# 2480

Delta R.T. -0.000 min

Lab File: BN024556.D

Acq: 27 Mar 2023 10:15

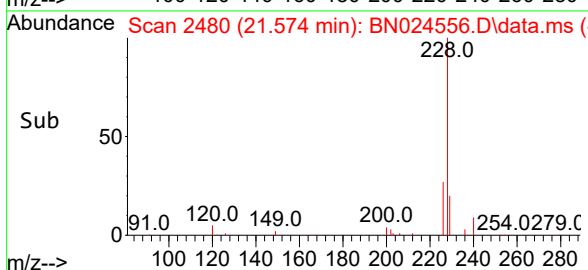
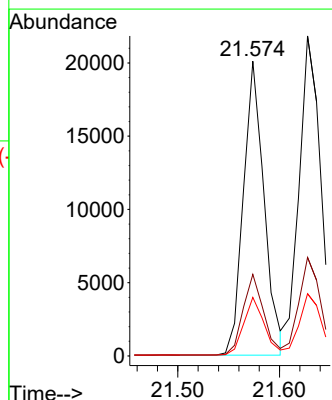
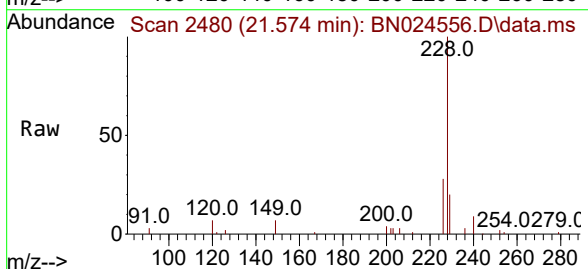
Tgt Ion:228 Resp: 28298

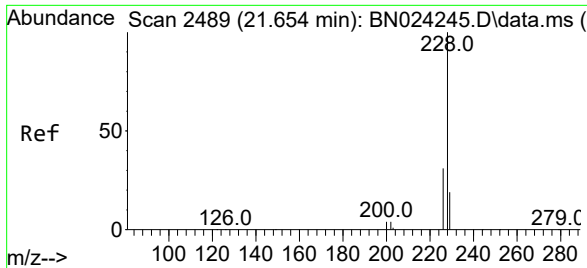
Ion Ratio Lower Upper

228 100

226 27.7 22.2 33.2

229 19.9 15.9 23.9





#33

Chrysene

Concen: 0.486 ng

RT: 21.627 min Scan# 2486

Delta R.T. -0.000 min

Lab File: BN024556.D

Acq: 27 Mar 2023 10:15

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4

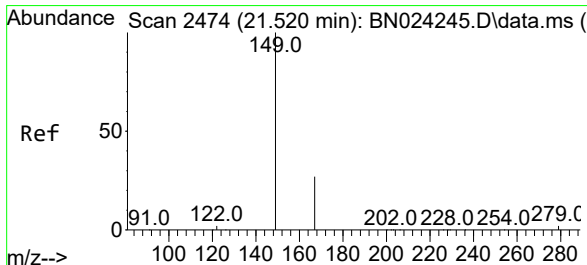
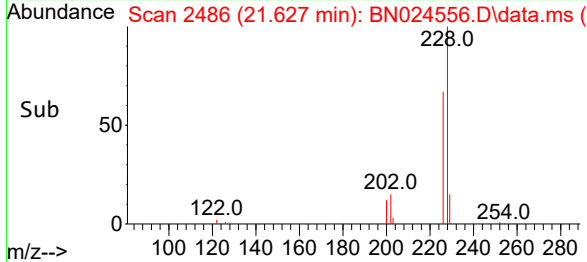
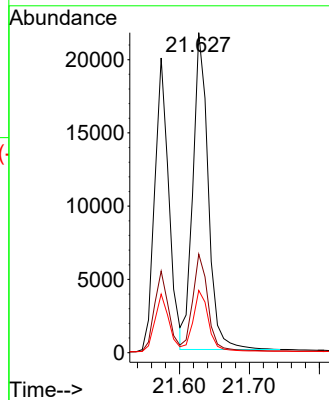
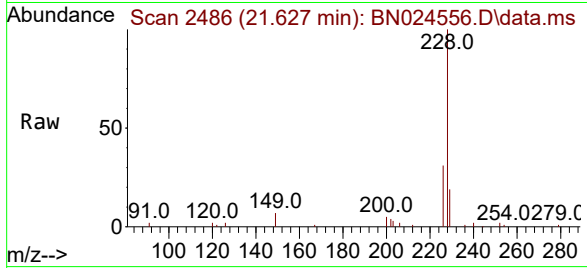
Tgt Ion:228 Resp: 32945

Ion Ratio Lower Upper

228 100

226 30.8 24.5 36.7

229 19.5 15.5 23.3



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.560 ng

RT: 21.484 min Scan# 2470

Delta R.T. -0.000 min

Lab File: BN024556.D

Acq: 27 Mar 2023 10:15

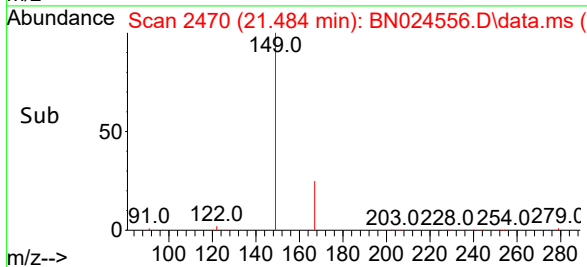
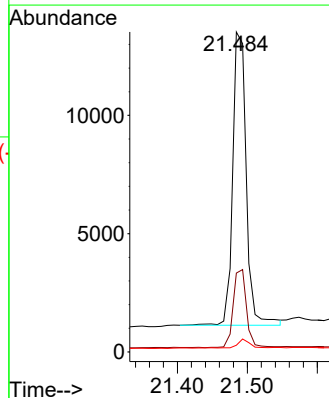
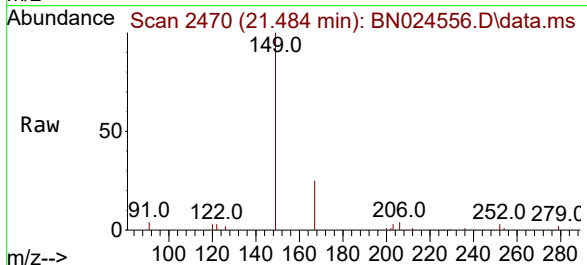
Tgt Ion:149 Resp: 16726

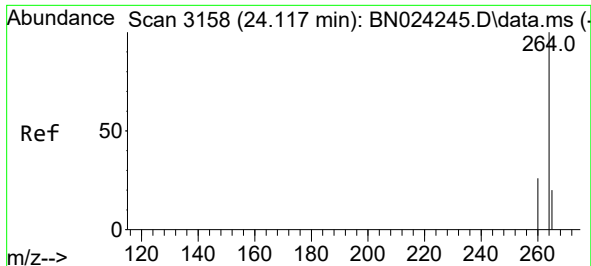
Ion Ratio Lower Upper

149 100

167 26.3 21.2 31.8

279 3.0 1.8 2.8



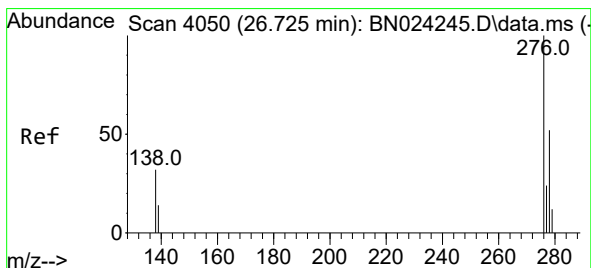
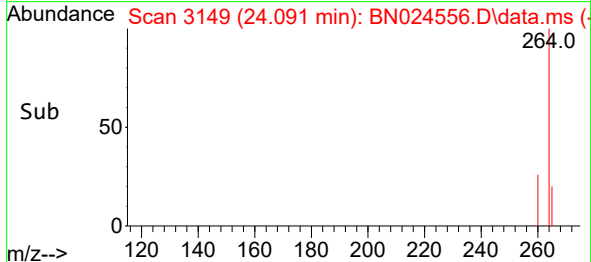
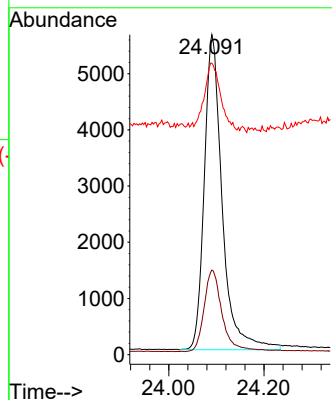
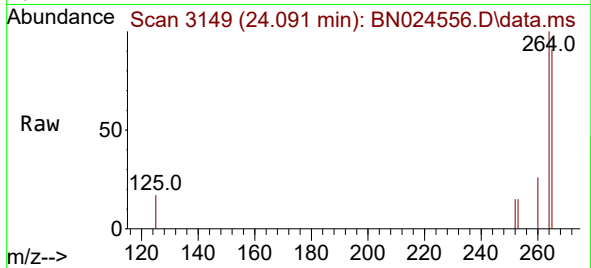


#35  
Perylene-d12  
Concen: 0.400 ng  
RT: 24.091 min Scan# 3158  
Delta R.T. -0.006 min  
Lab File: BN024556.D  
Acq: 27 Mar 2023 10:15

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

Tgt Ion:264 Resp: 14630  

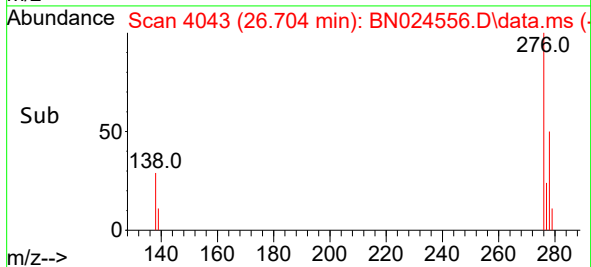
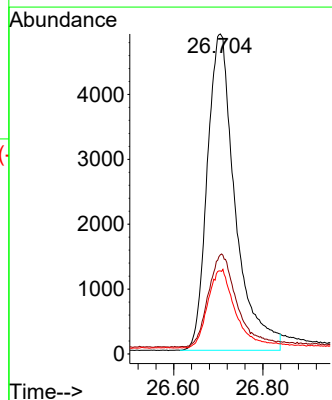
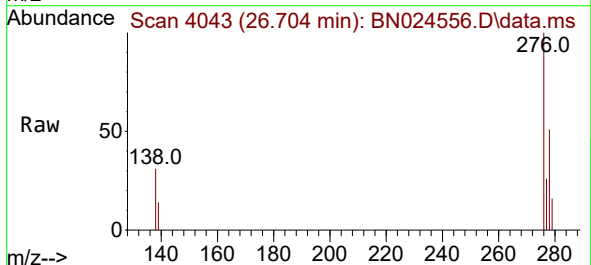
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 26.4  | 21.4  | 32.2  |
| 265 | 91.1  | 35.7  | 53.5  |

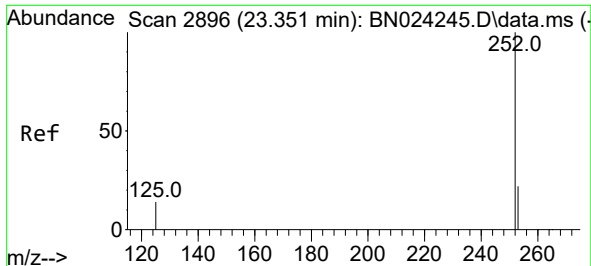


#36  
Indeno(1,2,3-cd)pyrene  
Concen: 0.388 ng  
RT: 26.704 min Scan# 4043  
Delta R.T. -0.003 min  
Lab File: BN024556.D  
Acq: 27 Mar 2023 10:15

Tgt Ion:276 Resp: 21244  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 276 | 100   |       |       |
| 138 | 30.0  | 27.4  | 41.2  |
| 277 | 24.7  | 19.8  | 29.6  |





#37

Benzo(b)fluoranthene

Concen: 0.456 ng

RT: 23.322 min Scan# 21

Delta R.T. -0.003 min

Lab File: BN024556.D

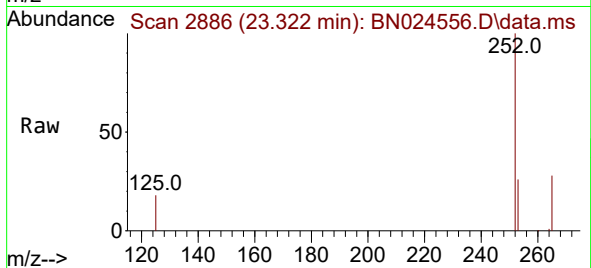
Acq: 27 Mar 2023 10:15

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4



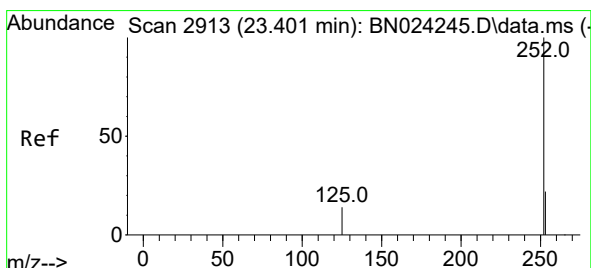
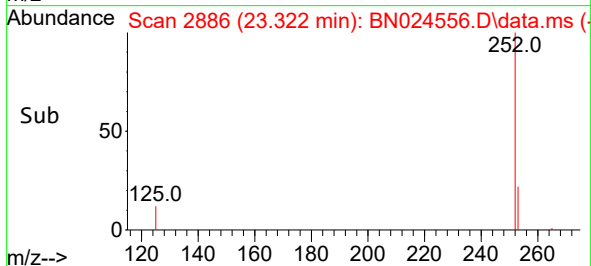
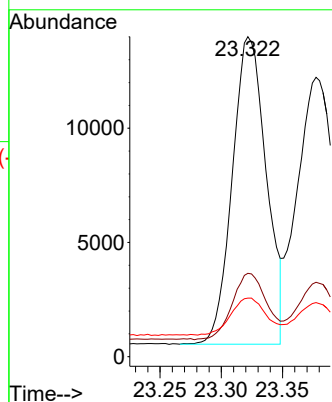
Tgt Ion:252 Resp: 25942

Ion Ratio Lower Upper

252 100

253 26.1 18.9 28.3

125 18.3 13.8 20.6



#38

Benzo(k)fluoranthene

Concen: 0.422 ng

RT: 23.377 min Scan# 2905

Delta R.T. 0.003 min

Lab File: BN024556.D

Acq: 27 Mar 2023 10:15

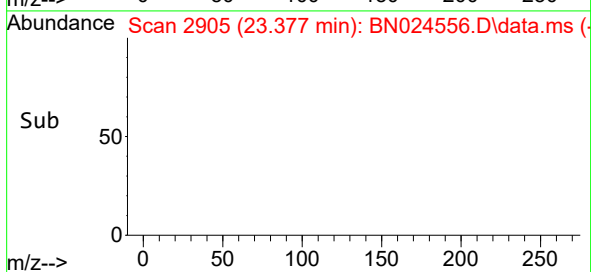
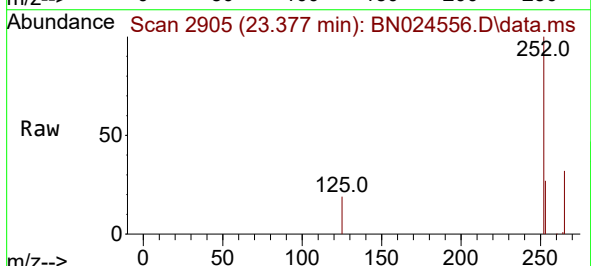
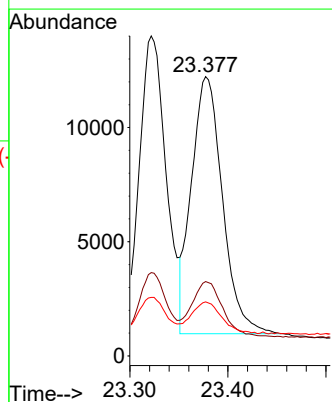
Tgt Ion:252 Resp: 24794

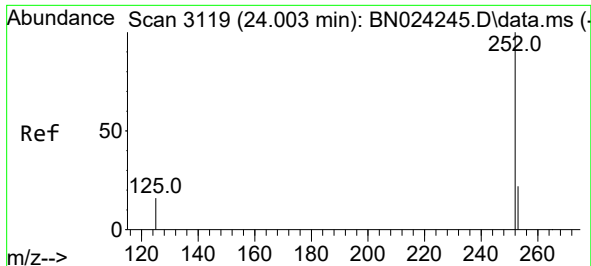
Ion Ratio Lower Upper

252 100

253 26.7 19.0 28.6

125 19.4 13.5 20.3





#39

Benzo(a)pyrene

Concen: 0.415 ng

RT: 23.977 min Scan# 3110

Delta R.T. -0.000 min

Lab File: BN024556.D

Acq: 27 Mar 2023 10:15

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4

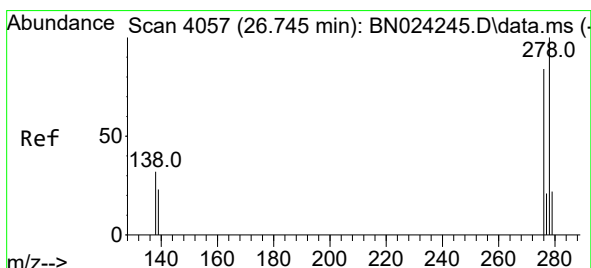
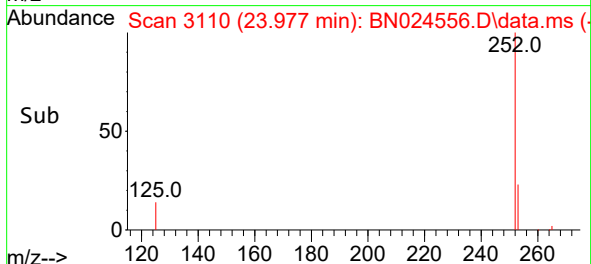
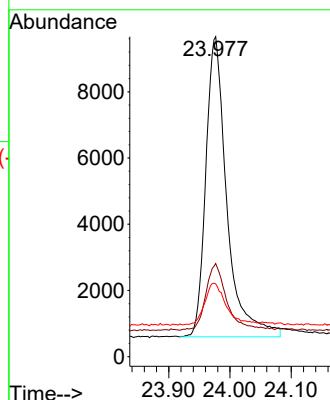
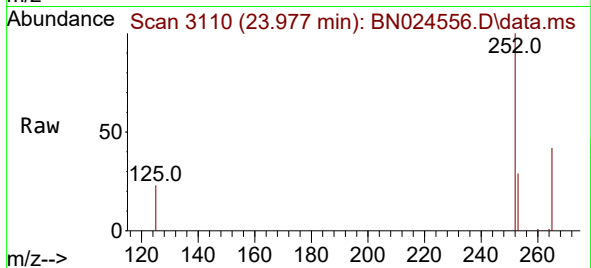
Tgt Ion:252 Resp: 21668

Ion Ratio Lower Upper

252 100

253 29.1 19.5 29.3

125 22.7 16.2 24.4



#40

Dibenzo(a,h)anthracene

Concen: 0.352 ng

RT: 26.725 min Scan# 4050

Delta R.T. -0.006 min

Lab File: BN024556.D

Acq: 27 Mar 2023 10:15

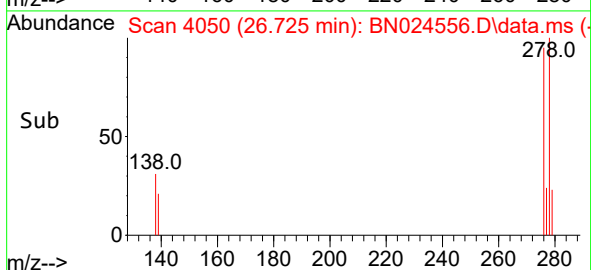
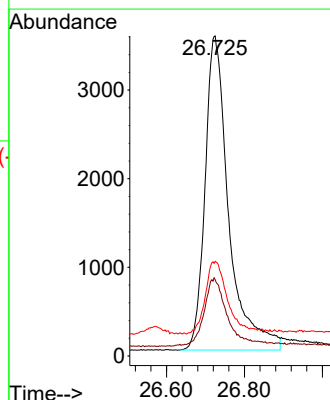
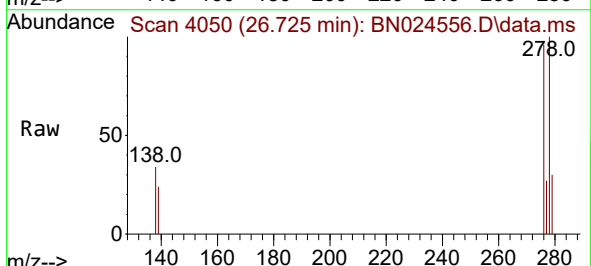
Tgt Ion:278 Resp: 14961

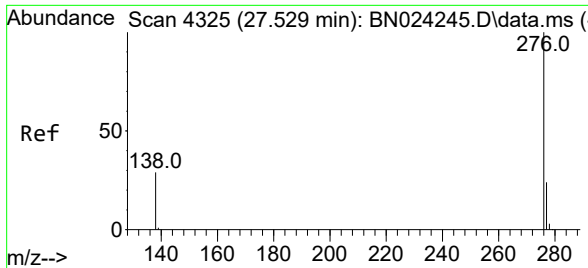
Ion Ratio Lower Upper

278 100

139 23.8 19.4 29.0

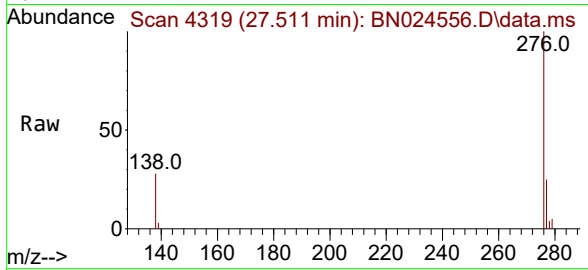
279 29.6 20.7 31.1





#41  
Benzo(g,h,i)perylene  
Concen: 0.457 ng  
RT: 27.511 min Scan# 41  
Delta R.T. 0.003 min  
Lab File: BN024556.D  
Acq: 27 Mar 2023 10:15

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 276   | Resp: | 22624 |
| Ion      | Ratio | Lower | Upper |
| 276      | 100   |       |       |
| 277      | 24.7  | 19.9  | 29.9  |
| 138      | 28.4  | 24.5  | 36.7  |

