

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN041524\  
 Data File : BN030966.D  
 Acq On : 16 Apr 2024 10:53  
 Operator : MA/JU  
 Sample : PB159883BS  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB159883BS

Quant Time: Apr 16 11:28:02 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN041524.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Apr 15 17:03:47 2024  
 Response via : Initial Calibration

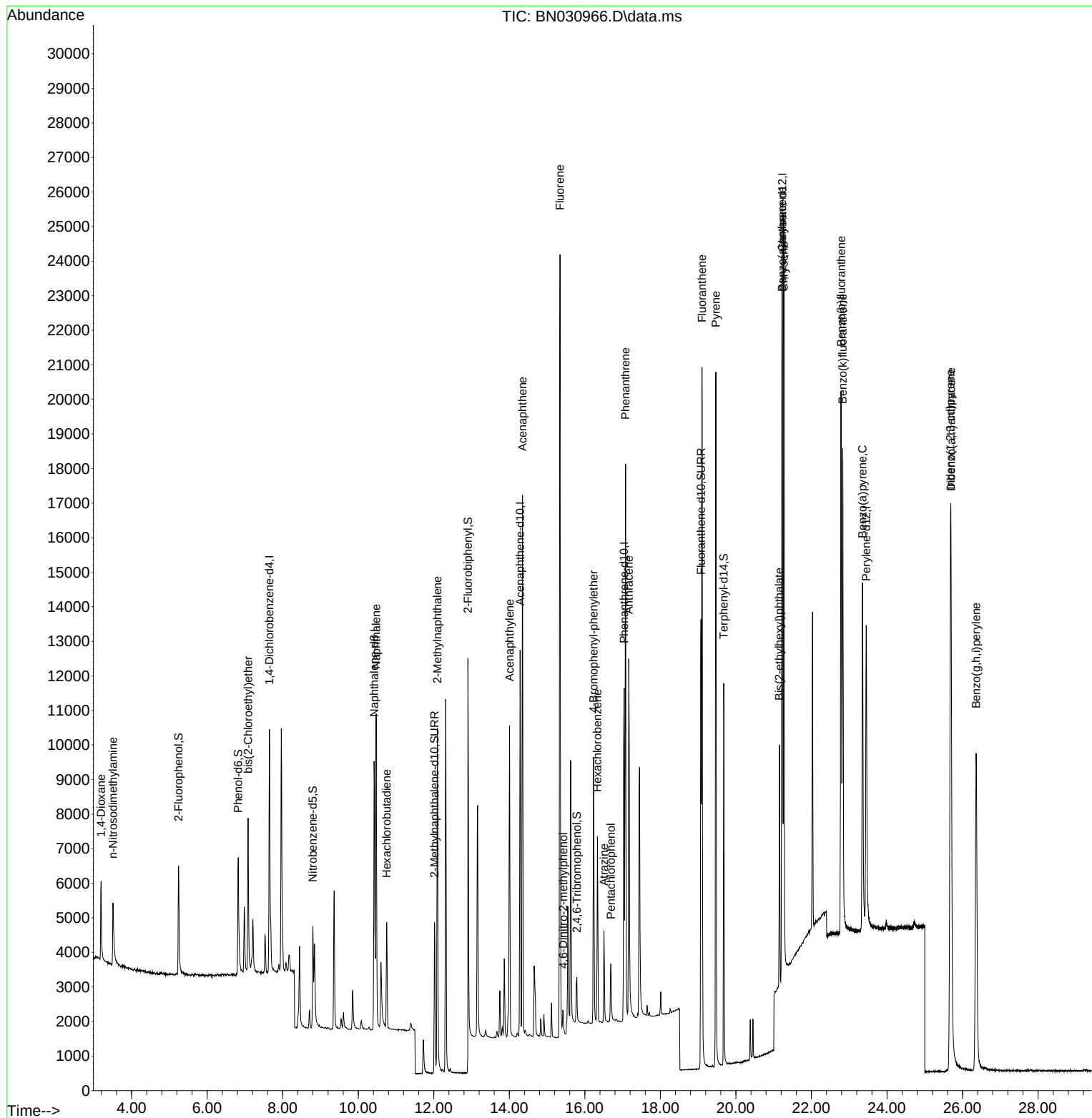
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.646  | 152  | 3753     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.421 | 136  | 11175    | 0.400 | ng    | #-0.01   |
| 13) Acenaphthene-d10          | 14.284 | 164  | 6218     | 0.400 | ng    | -0.01    |
| 19) Phenanthrene-d10          | 17.040 | 188  | 14413    | 0.400 | ng    | 0.00     |
| 29) Chrysene-d12              | 21.231 | 240  | 12458    | 0.400 | ng    | # 0.00   |
| 35) Perylene-d12              | 23.451 | 264  | 12251    | 0.400 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.241  | 112  | 3092     | 0.370 | ng    | 0.00     |
| 5) Phenol-d6                  | 6.823  | 99   | 3664     | 0.362 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 8.798  | 82   | 2814     | 0.364 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 12.020 | 152  | 6427     | 0.374 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.787 | 330  | 792      | 0.328 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 12.905 | 172  | 7578     | 0.363 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.075 | 212  | 14315    | 0.369 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.679 | 244  | 10858    | 0.375 | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       |          |
| 2) 1,4-Dioxane                | 3.190  | 88   | 1654     | 0.358 | ng    | 97       |
| 3) n-Nitrosodimethylamine     | 3.508  | 42   | 1518     | 0.351 | ng    | # 95     |
| 6) bis(2-Chloroethyl)ether    | 7.083  | 93   | 3450     | 0.344 | ng    | 99       |
| 9) Naphthalene                | 10.474 | 128  | 11846    | 0.384 | ng    | 100      |
| 10) Hexachlorobutadiene       | 10.752 | 225  | 2438     | 0.394 | ng    | # 99     |
| 12) 2-Methylnaphthalene       | 12.096 | 142  | 7634     | 0.373 | ng    | 98       |
| 16) Acenaphthylene            | 14.006 | 152  | 9842     | 0.359 | ng    | 100      |
| 17) Acenaphthene              | 14.348 | 154  | 7389     | 0.382 | ng    | 99       |
| 18) Fluorene                  | 15.342 | 166  | 9588     | 0.375 | ng    | 100      |
| 20) 4,6-Dinitro-2-methylph... | 15.428 | 198  | 559      | 0.359 | ng    | 92       |
| 21) 4-Bromophenyl-phenylether | 16.233 | 248  | 3115     | 0.364 | ng    | # 88     |
| 22) Hexachlorobenzene         | 16.333 | 284  | 3853     | 0.385 | ng    | 100      |
| 23) Atrazine                  | 16.506 | 200  | 2100     | 0.339 | ng    | 95       |
| 24) Pentachlorophenol         | 16.693 | 266  | 1006     | 0.381 | ng    | 99       |
| 25) Phenanthrene              | 17.077 | 178  | 15956    | 0.375 | ng    | 100      |
| 26) Anthracene                | 17.164 | 178  | 12376    | 0.351 | ng    | 100      |
| 28) Fluoranthene              | 19.103 | 202  | 18631    | 0.365 | ng    | 100      |
| 30) Pyrene                    | 19.470 | 202  | 18749    | 0.388 | ng    | 100      |
| 32) Benzo(a)anthracene        | 21.222 | 228  | 16439    | 0.379 | ng    | 98       |
| 33) Chrysene                  | 21.267 | 228  | 18277    | 0.387 | ng    | 99       |
| 34) Bis(2-ethylhexyl)phtha... | 21.151 | 149  | 6715     | 0.338 | ng    | 99       |
| 36) Indeno(1,2,3-cd)pyrene    | 25.682 | 276  | 20955    | 0.368 | ng    | 99       |
| 37) Benzo(b)fluoranthene      | 22.785 | 252  | 19173    | 0.379 | ng    | 99       |
| 38) Benzo(k)fluoranthene      | 22.828 | 252  | 18508    | 0.374 | ng    | 99       |
| 39) Benzo(a)pyrene            | 23.352 | 252  | 15223    | 0.362 | ng    | 99       |
| 40) Dibenzo(a,h)anthracene    | 25.697 | 278  | 16826    | 0.369 | ng    | 99       |
| 41) Benzo(g,h,i)perylene      | 26.360 | 276  | 19338    | 0.385 | ng    | 98       |

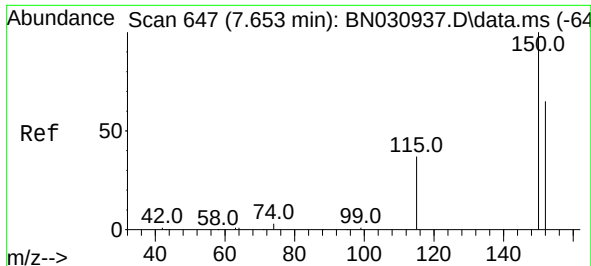
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN041524\  
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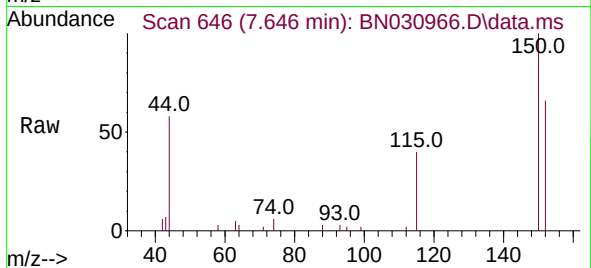
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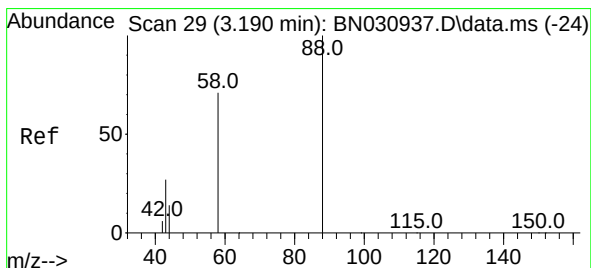
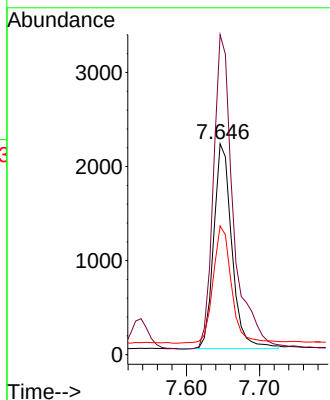
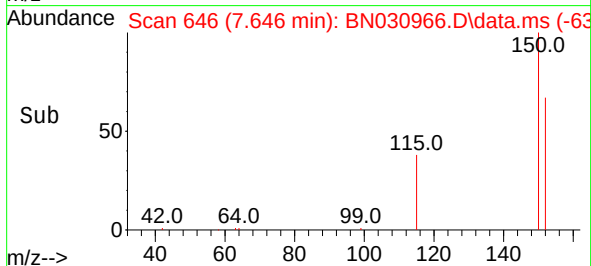


#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 7.646 min Scan# 64  
 Delta R.T. -0.007 min  
 Lab File: BN030966.D  
 Acq: 16 Apr 2024 10:53

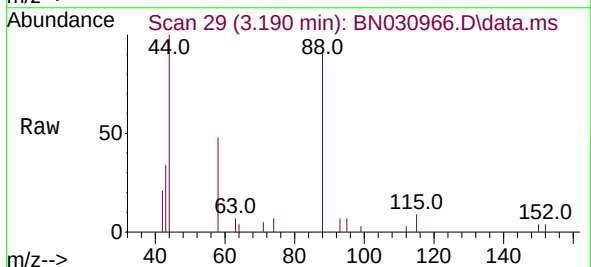
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 ClientSampleId :  
 PB159883BS



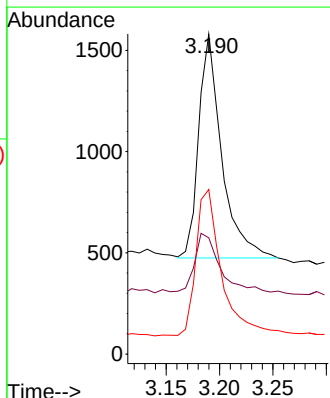
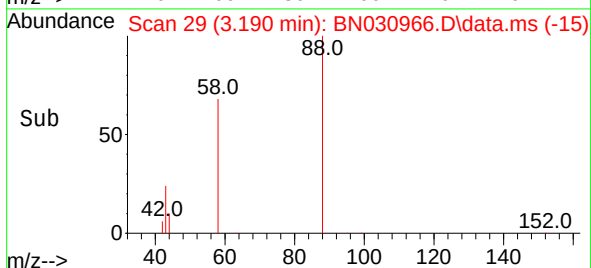
Tgt Ion:152 Resp: 3753  
 Ion Ratio Lower Upper  
 152 100  
 150 151.7 121.7 182.5  
 115 61.1 47.8 71.8

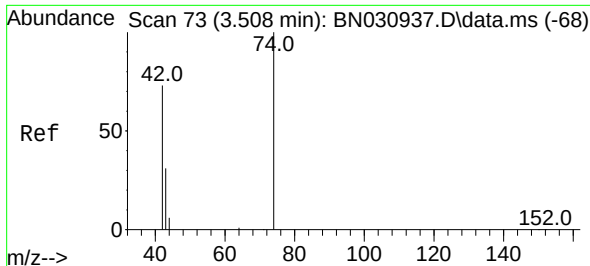


#2  
 1,4-Dioxane  
 Concen: 0.358 ng  
 RT: 3.190 min Scan# 29  
 Delta R.T. -0.000 min  
 Lab File: BN030966.D  
 Acq: 16 Apr 2024 10:53



Tgt Ion: 88 Resp: 1654  
 Ion Ratio Lower Upper  
 88 100  
 43 28.7 23.7 35.5  
 58 71.9 55.7 83.5

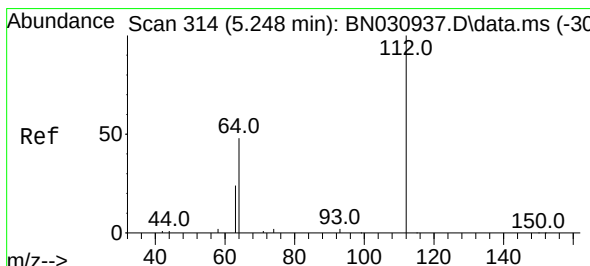
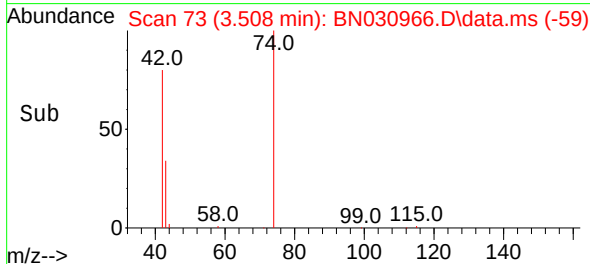
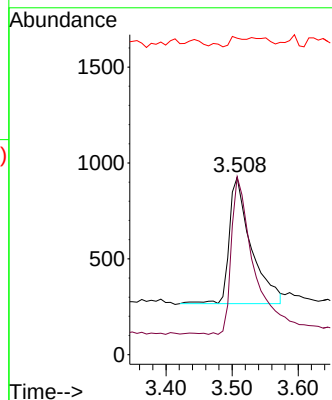
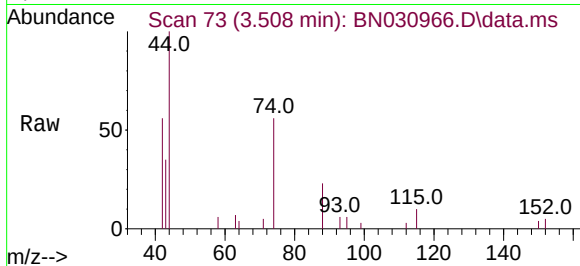




#3  
 n-Nitrosodimethylamine  
 Concen: 0.351 ng  
 RT: 3.508 min Scan# 74  
 Delta R.T. -0.000 min  
 Lab File: BN030966.D  
 Acq: 16 Apr 2024 10:53

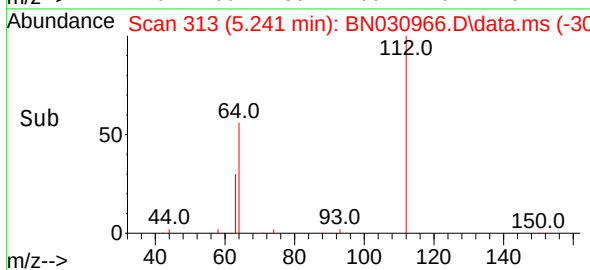
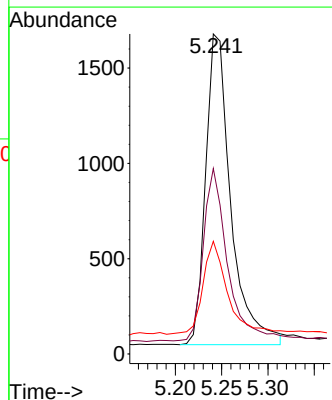
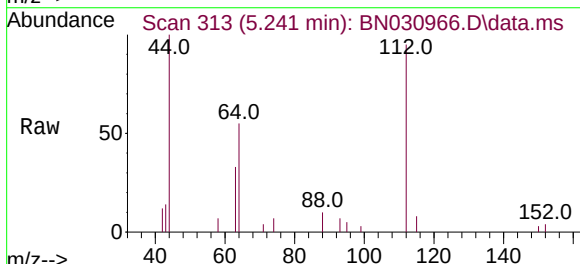
Instrument :  
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 PB159883BS

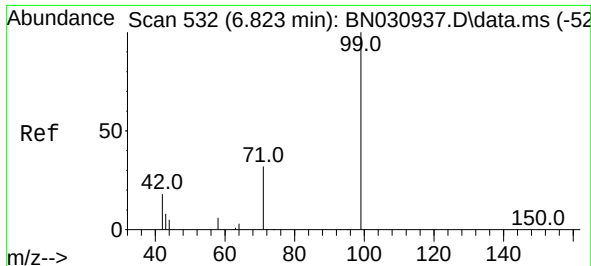
Tgt Ion: 42 Resp: 1518  
 Ion Ratio Lower Upper  
 42 100  
 74 123.6 103.1 154.7  
 44 4.2 7.0 10.6#



#4  
 2-Fluorophenol  
 Concen: 0.370 ng  
 RT: 5.241 min Scan# 313  
 Delta R.T. -0.007 min  
 Lab File: BN030966.D  
 Acq: 16 Apr 2024 10:53

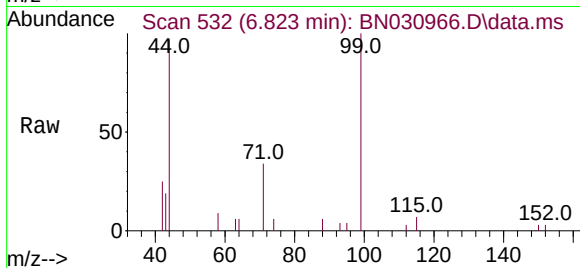
Tgt Ion: 112 Resp: 3092  
 Ion Ratio Lower Upper  
 112 100  
 64 53.1 43.4 65.2  
 63 28.9 22.2 33.2



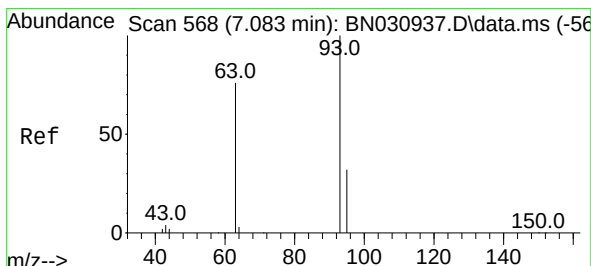
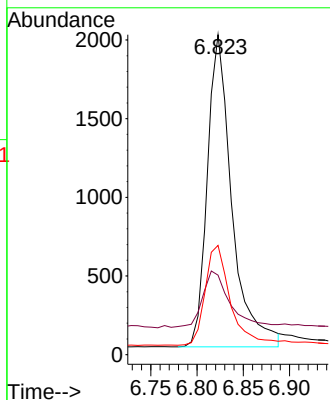
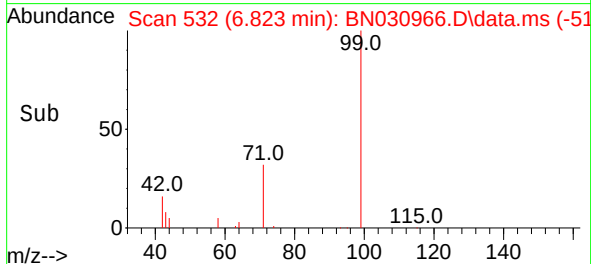


#5  
Phenol-d6  
Concen: 0.362 ng  
RT: 6.823 min Scan# 532  
Delta R.T. -0.000 min  
Lab File: BN030966.D  
Acq: 16 Apr 2024 10:53

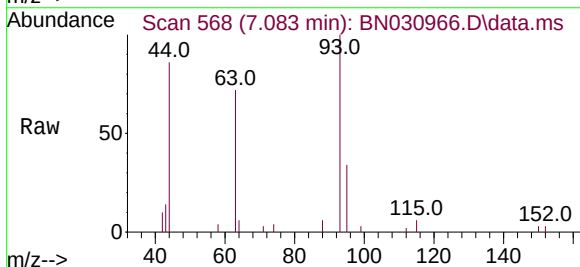
Instrument :  
BNA\_N  
ClientSampleId :  
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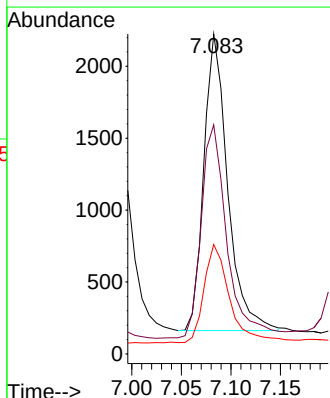
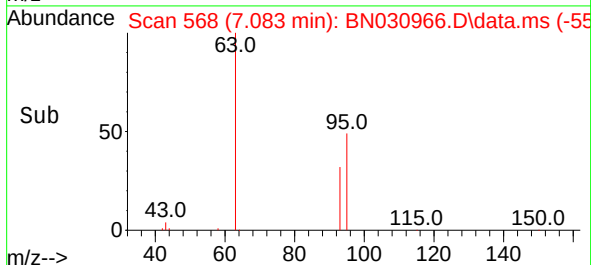
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 99    | Resp: | 3664  |
| Ion      | Ratio | Lower | Upper |
| 99       | 100   |       |       |
| 42       | 19.7  | 16.4  | 24.6  |
| 71       | 32.7  | 26.3  | 39.5  |

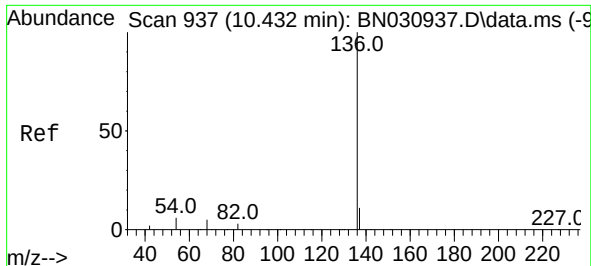


#6  
bis(2-Chloroethyl)ether  
Concen: 0.344 ng  
RT: 7.083 min Scan# 568  
Delta R.T. -0.000 min  
Lab File: BN030966.D  
Acq: 16 Apr 2024 10:53



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 93    | Resp: | 3450  |
| Ion      | Ratio | Lower | Upper |
| 93       | 100   |       |       |
| 63       | 78.1  | 61.8  | 92.8  |
| 95       | 35.6  | 27.4  | 41.0  |

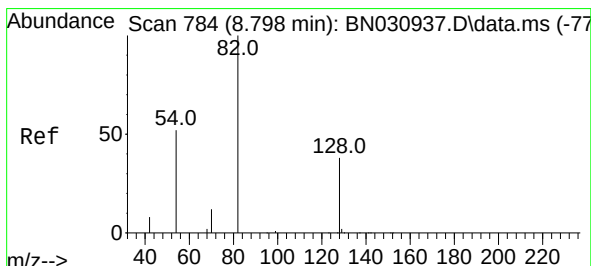
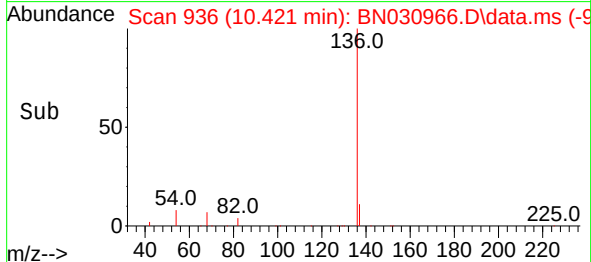
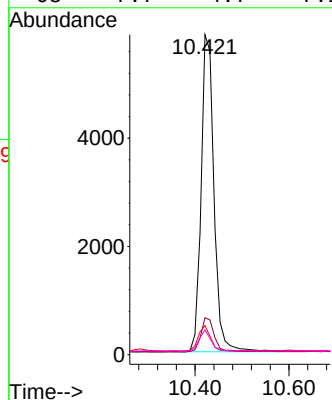
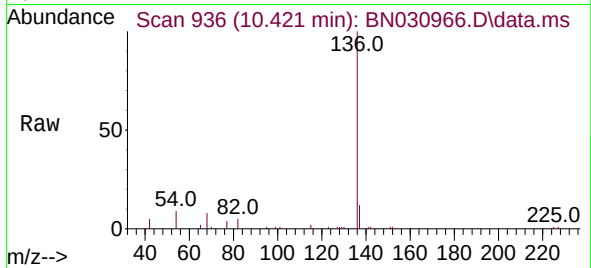




#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.421 min Scan# 936  
Delta R.T. -0.011 min  
Lab File: BN030966.D  
Acq: 16 Apr 2024 10:53

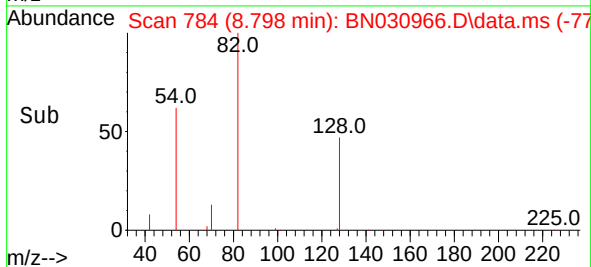
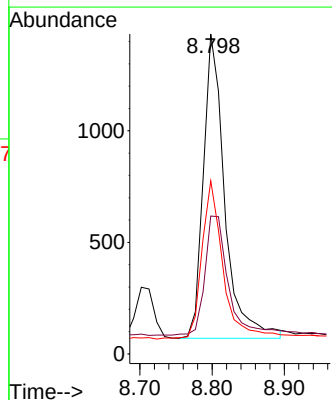
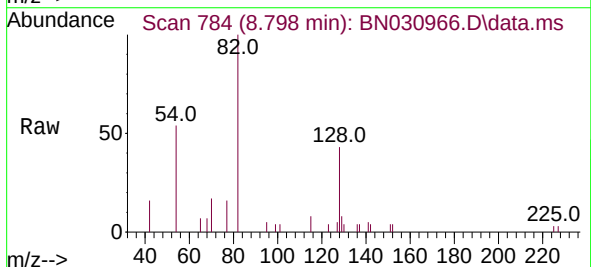
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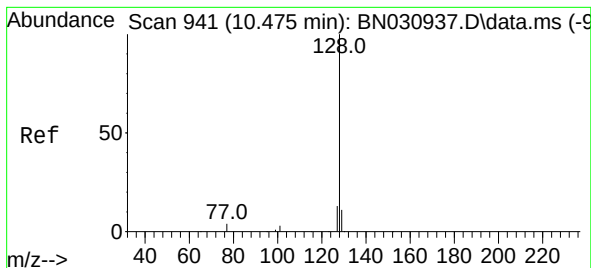
Tgt Ion:136 Resp: 11175  
Ion Ratio Lower Upper  
136 100  
137 11.5 9.4 14.0  
54 9.1 5.3 7.9#  
68 7.7 4.7 7.1#



#8  
Nitrobenzene-d5  
Concen: 0.364 ng  
RT: 8.798 min Scan# 784  
Delta R.T. -0.000 min  
Lab File: BN030966.D  
Acq: 16 Apr 2024 10:53

Tgt Ion: 82 Resp: 2814  
Ion Ratio Lower Upper  
82 100  
128 43.1 33.7 50.5  
54 54.1 43.7 65.5





#9

Naphthalene

Concen: 0.384 ng

RT: 10.474 min Scan# 941

Delta R.T. -0.000 min

Lab File: BN030966.D

Acq: 16 Apr 2024 10:53

Instrument :

BNA\_N

ClientSampleId :

PB159883BS

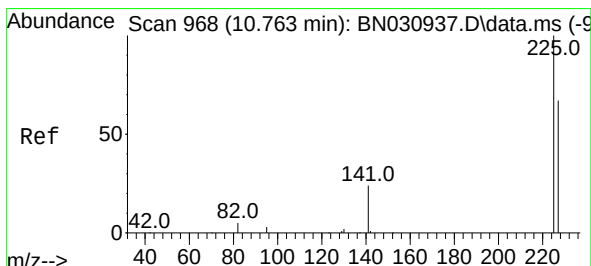
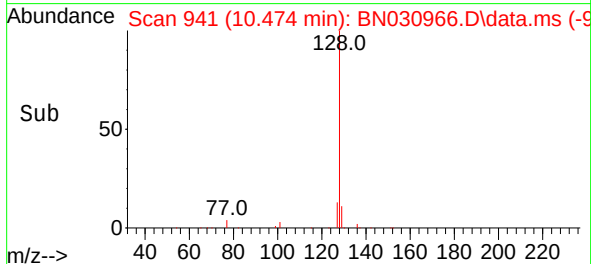
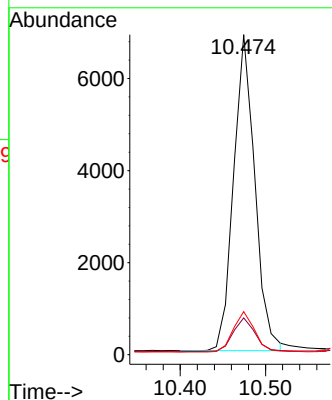
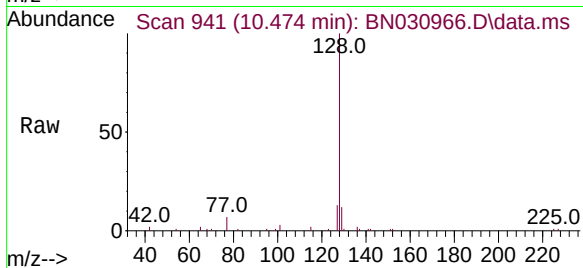
Tgt Ion:128 Resp: 11846

Ion Ratio Lower Upper

128 100

129 11.5 9.4 14.0

127 13.5 10.9 16.3



#10

Hexachlorobutadiene

Concen: 0.394 ng

RT: 10.752 min Scan# 967

Delta R.T. -0.011 min

Lab File: BN030966.D

Acq: 16 Apr 2024 10:53

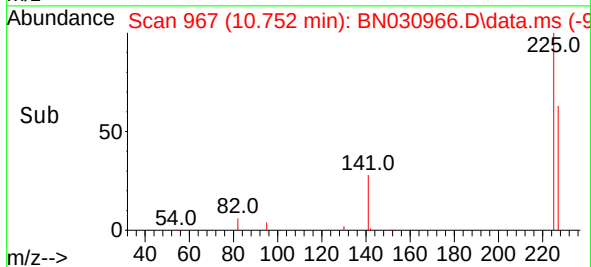
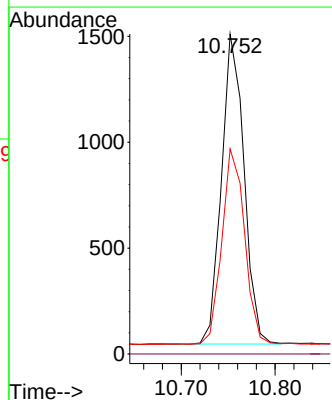
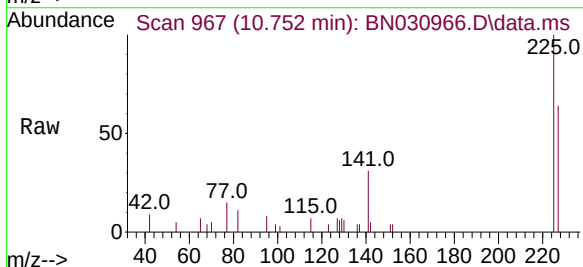
Tgt Ion:225 Resp: 2438

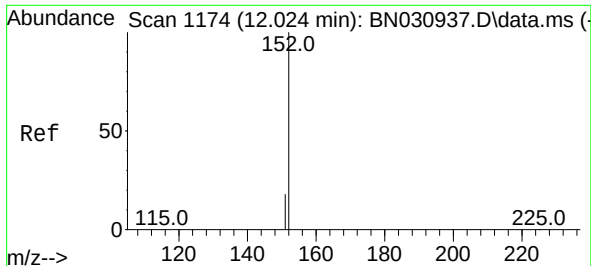
Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

227 63.6 51.3 76.9





#11

2-Methylnaphthalene-d10

Concen: 0.374 ng

RT: 12.020 min Scan# 1173

Delta R.T. -0.004 min

Lab File: BN030966.D

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Instrument :

BNA\_N

ClientSampleId :

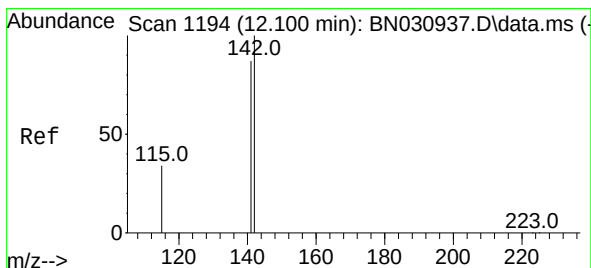
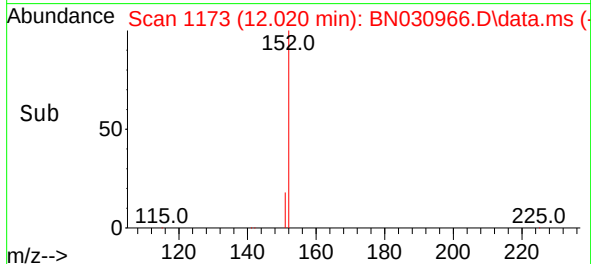
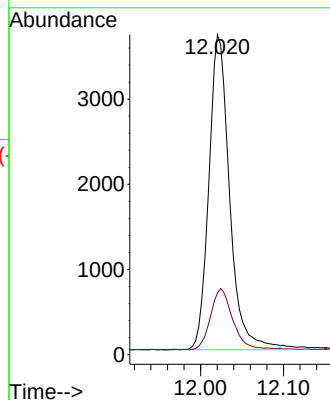
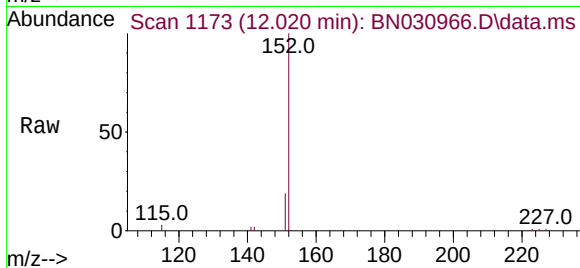
PB159883BS

Tgt Ion:152 Resp: 6427

Ion Ratio Lower Upper

152 100

151 21.2 16.7 25.1



#12

2-Methylnaphthalene

Concen: 0.373 ng

RT: 12.096 min Scan# 1193

Delta R.T. -0.004 min

Lab File: BN030966.D

Acq: 16 Apr 2024 10:53

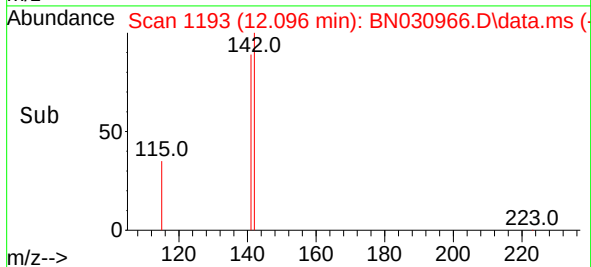
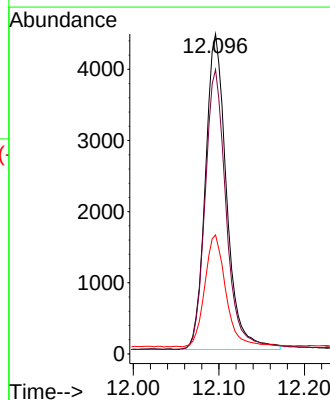
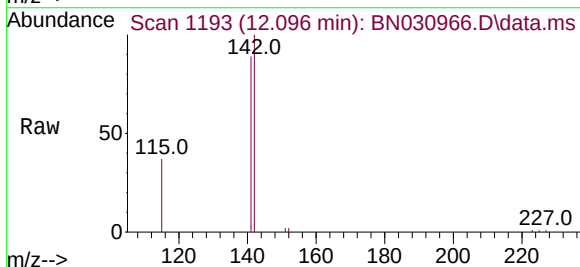
Tgt Ion:142 Resp: 7634

Ion Ratio Lower Upper

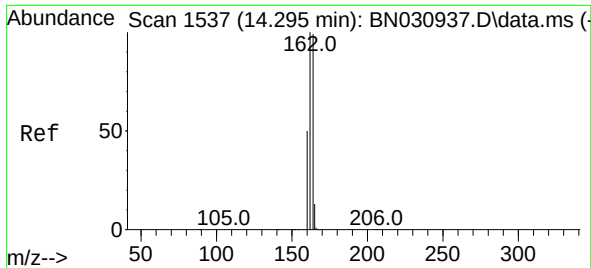
142 100

141 88.9 69.8 104.8

115 37.2 28.3 42.5



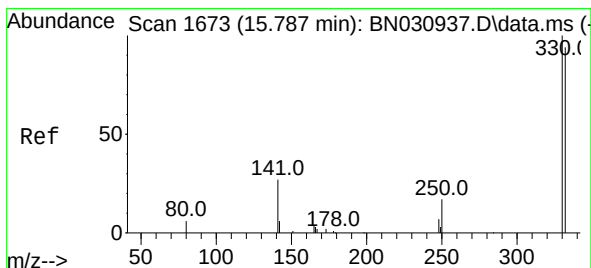
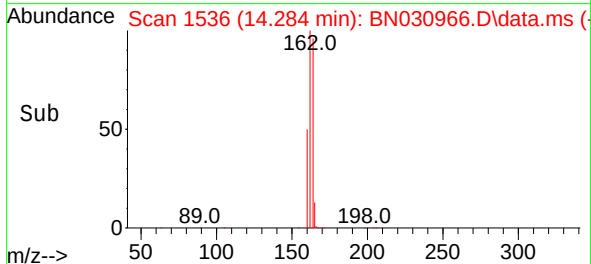
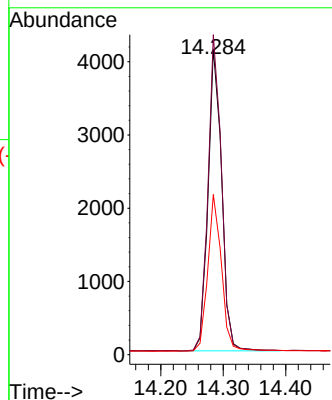
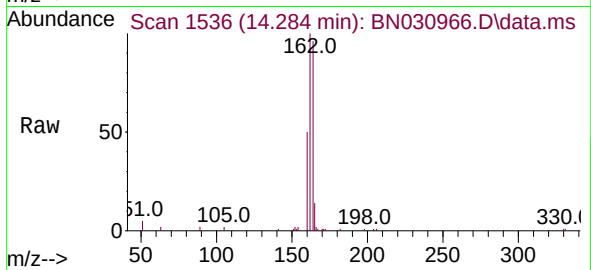




#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.284 min Scan# 1536  
Delta R.T. -0.011 min  
Lab File: BN030966.D  
Acq: 16 Apr 2024 10:53

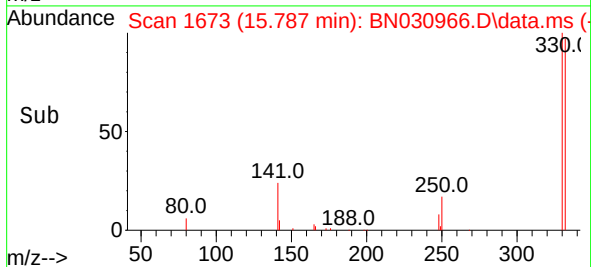
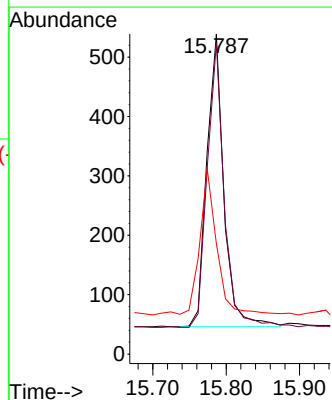
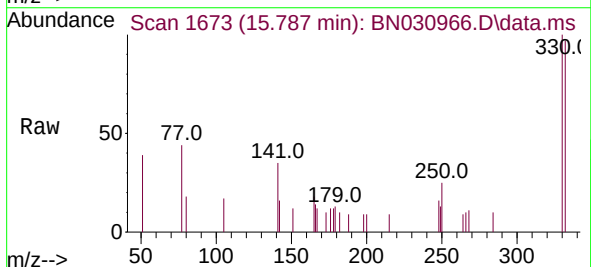
Instrument :  
BNA\_N  
ClientSampleId :  
PB159883BS

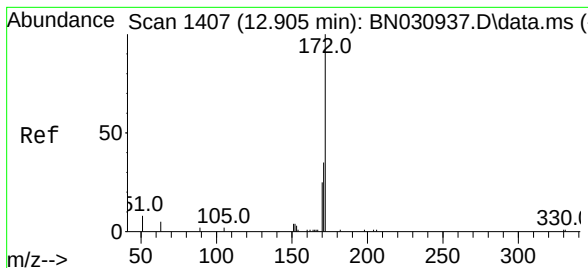
Tgt Ion:164 Resp: 6218  
Ion Ratio Lower Upper  
164 100  
162 104.6 80.6 121.0  
160 52.4 40.7 61.1



#14  
2,4,6-Tribromophenol  
Concen: 0.328 ng  
RT: 15.787 min Scan# 1673  
Delta R.T. -0.000 min  
Lab File: BN030966.D  
Acq: 16 Apr 2024 10:53

Tgt Ion:330 Resp: 792  
Ion Ratio Lower Upper  
330 100  
332 97.0 74.2 111.2  
141 50.5 37.2 55.8





#15

2-Fluorobiphenyl

Concen: 0.363 ng

RT: 12.905 min Scan# 1407

Delta R.T. -0.000 min

Lab File: BN030966.D

Acq: 16 Apr 2024 10:53

Instrument :

BNA\_N

ClientSampleId :

PB159883BS

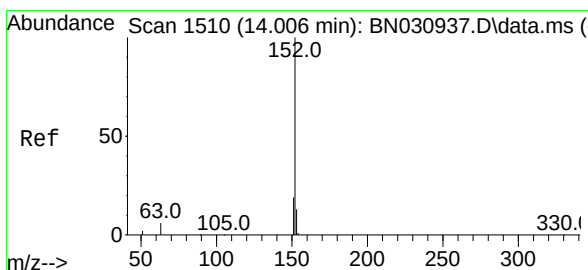
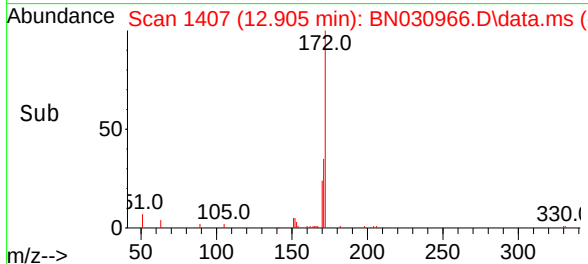
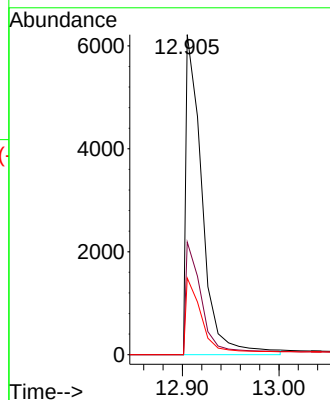
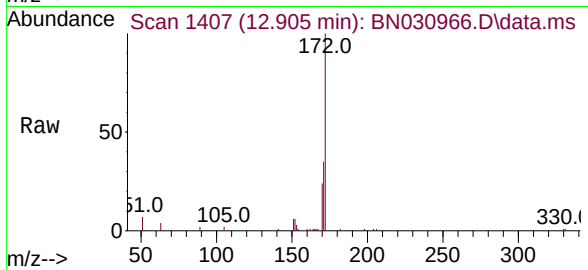
Tgt Ion:172 Resp: 7578

Ion Ratio Lower Upper

172 100

171 35.2 28.3 42.5

170 24.0 19.8 29.8



#16

Acenaphthylene

Concen: 0.359 ng

RT: 14.006 min Scan# 1510

Delta R.T. -0.000 min

Lab File: BN030966.D

Acq: 16 Apr 2024 10:53

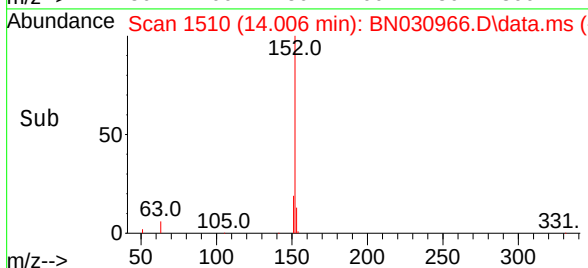
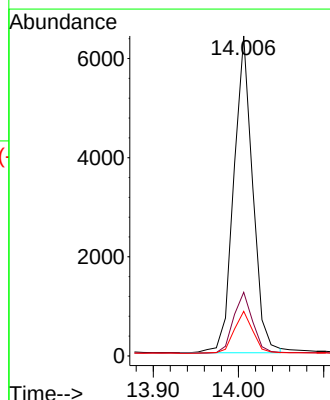
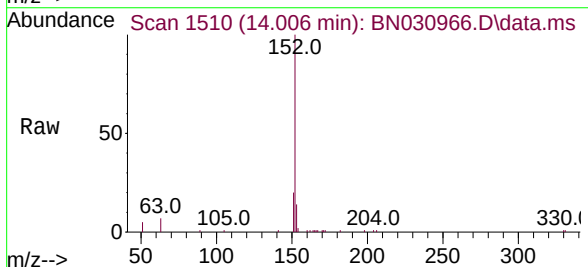
Tgt Ion:152 Resp: 9842

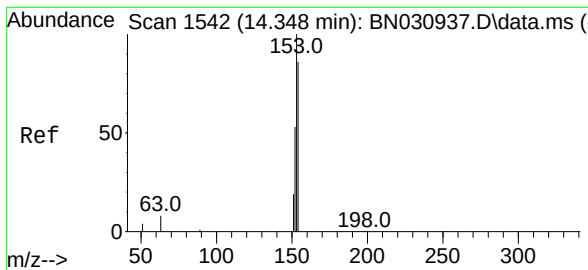
Ion Ratio Lower Upper

152 100

151 19.3 15.3 22.9

153 13.2 10.4 15.6





#17

Acenaphthene

Concen: 0.382 ng

RT: 14.348 min Scan# 1542

Delta R.T. -0.000 min

Lab File: BN030966.D

Acq: 16 Apr 2024 10:53

Instrument :

BNA\_N

ClientSampleId :

PB159883BS

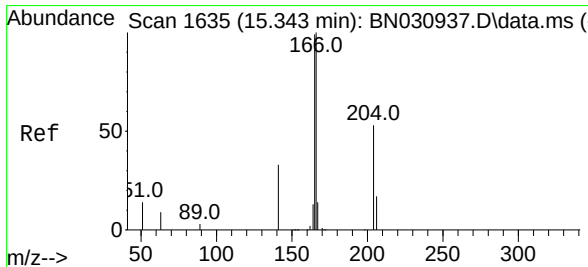
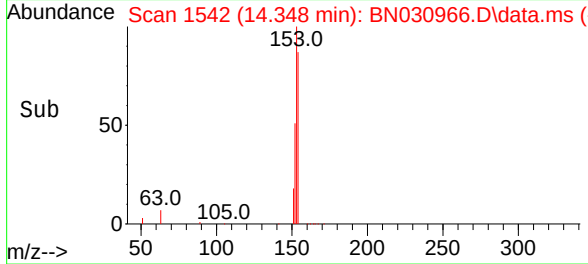
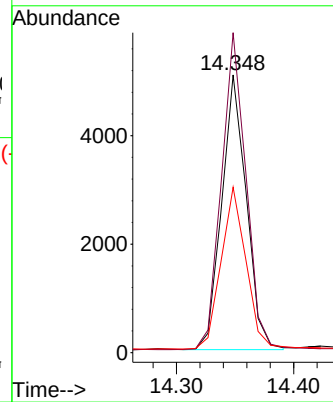
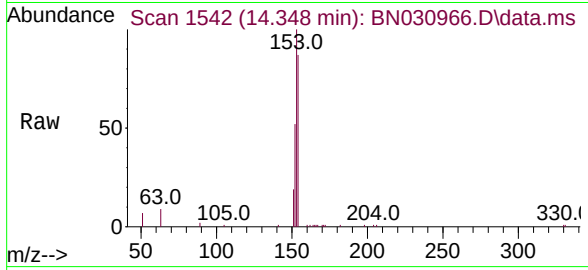
Tgt Ion:154 Resp: 7389

Ion Ratio Lower Upper

154 100

153 114.9 91.1 136.7

152 59.8 47.6 71.4



#18

Fluorene

Concen: 0.375 ng

RT: 15.342 min Scan# 1635

Delta R.T. -0.000 min

Lab File: BN030966.D

Acq: 16 Apr 2024 10:53

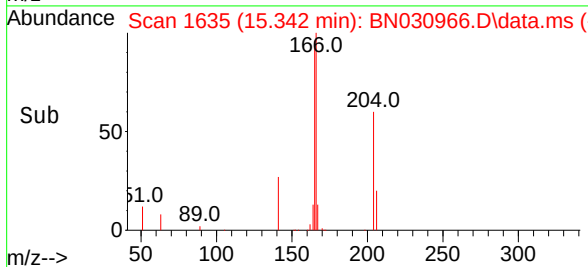
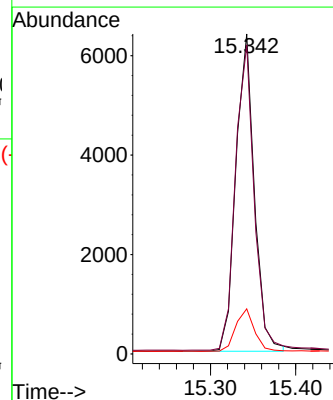
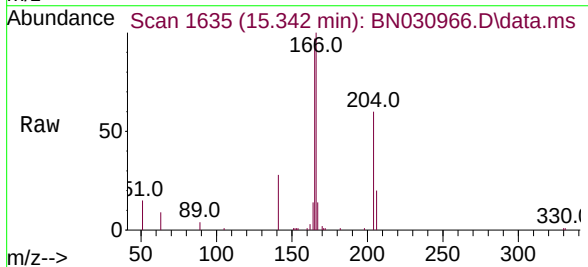
Tgt Ion:166 Resp: 9588

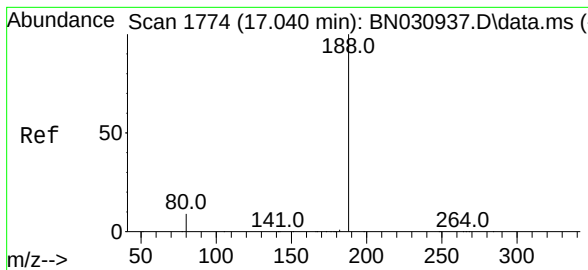
Ion Ratio Lower Upper

166 100

165 97.7 78.3 117.5

167 13.6 11.1 16.7

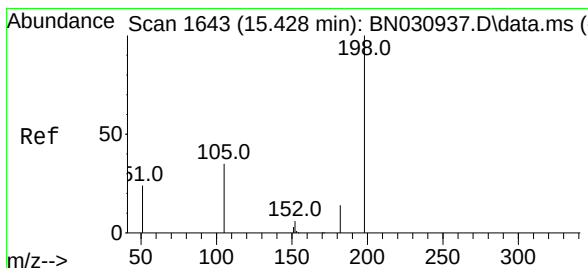
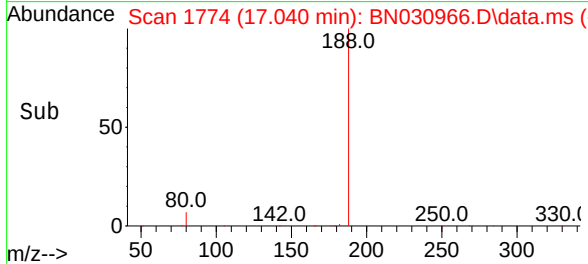
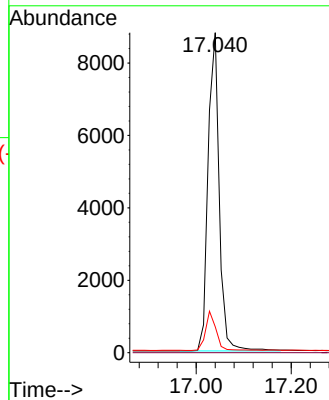
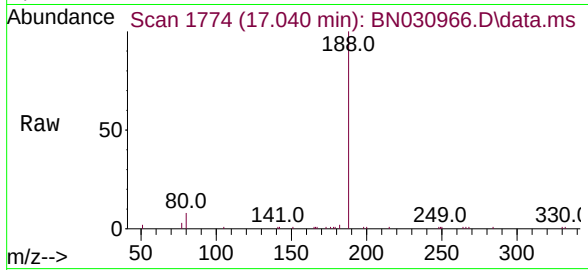




#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.040 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BN030966.D  
Acq: 16 Apr 2024 10:53

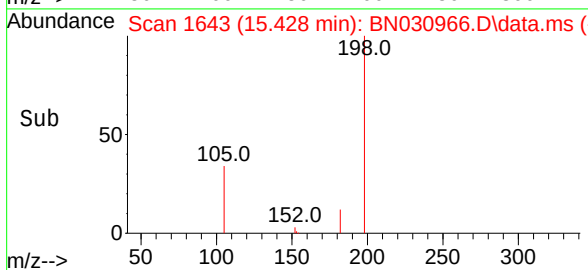
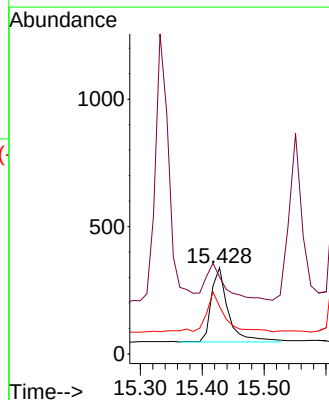
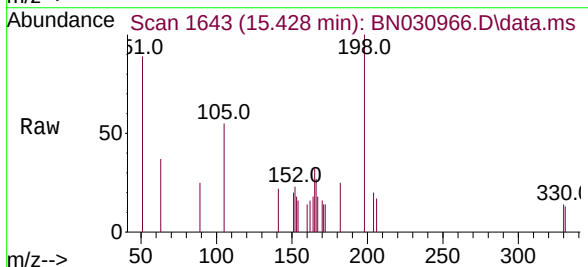
Instrument :  
BNA\_N  
ClientSampleId :  
PB159883BS

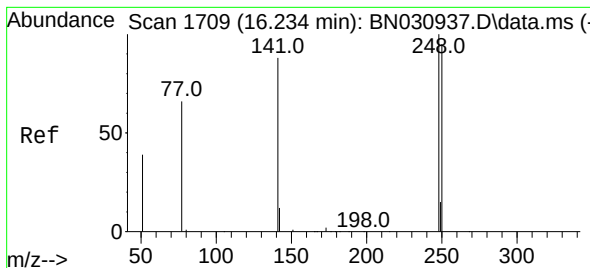
Tgt Ion:188 Resp: 14413  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 8.1 7.4 11.2



#20  
4,6-Dinitro-2-methylphenol  
Concen: 0.359 ng  
RT: 15.428 min Scan# 1643  
Delta R.T. -0.000 min  
Lab File: BN030966.D  
Acq: 16 Apr 2024 10:53

Tgt Ion:198 Resp: 559  
Ion Ratio Lower Upper  
198 100  
51 89.3 65.2 97.8  
105 55.0 41.0 61.4

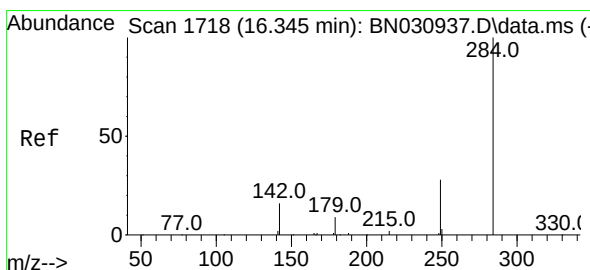
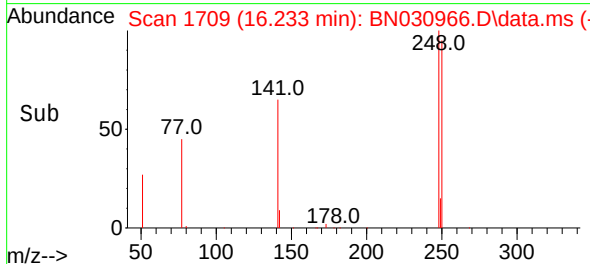
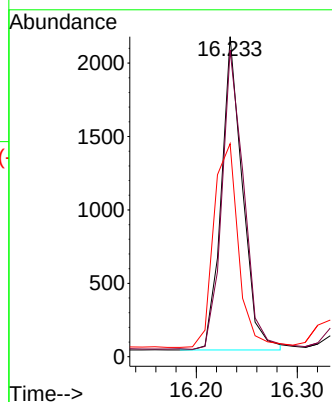
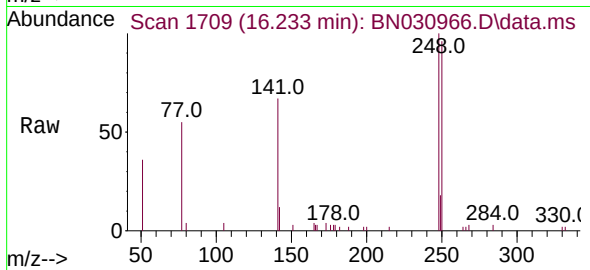




#21  
4-Bromophenyl-phenylether  
Concen: 0.364 ng  
RT: 16.233 min Scan# 1710  
Delta R.T. -0.000 min  
Lab File: BN030966.D  
Acq: 16 Apr 2024 10:53

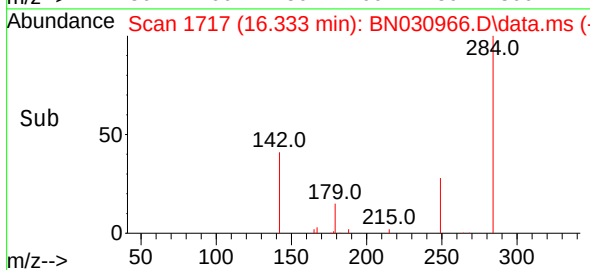
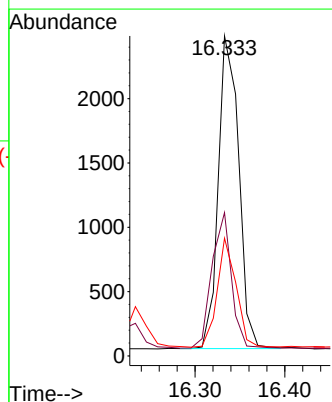
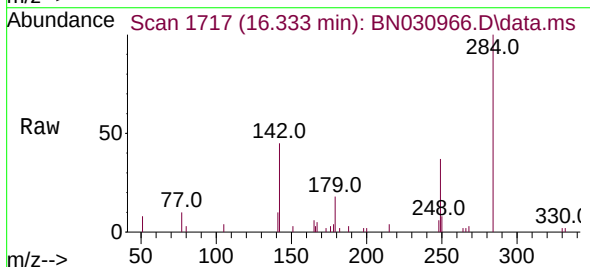
Instrument :  
BNA\_N  
ClientSampleId :  
PB159883BS

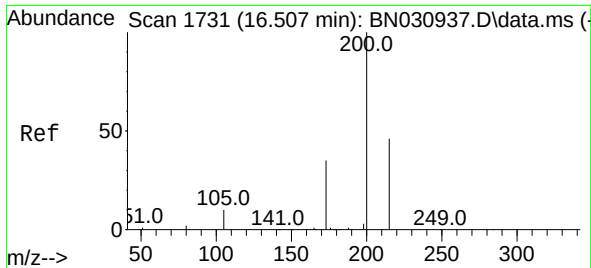
Tgt Ion:248 Resp: 3115  
Ion Ratio Lower Upper  
248 100  
250 95.8 76.1 114.1  
141 66.6 71.1 106.7#



#22  
Hexachlorobenzene  
Concen: 0.385 ng  
RT: 16.333 min Scan# 1717  
Delta R.T. -0.013 min  
Lab File: BN030966.D  
Acq: 16 Apr 2024 10:53

Tgt Ion:284 Resp: 3853  
Ion Ratio Lower Upper  
284 100  
142 41.0 33.0 49.4  
249 32.1 25.5 38.3

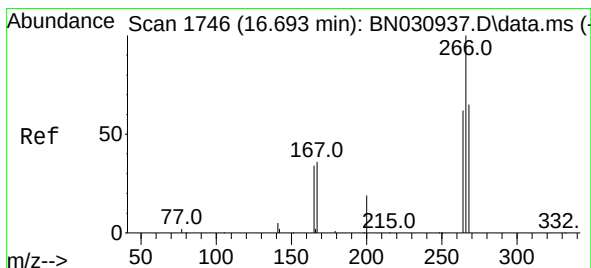
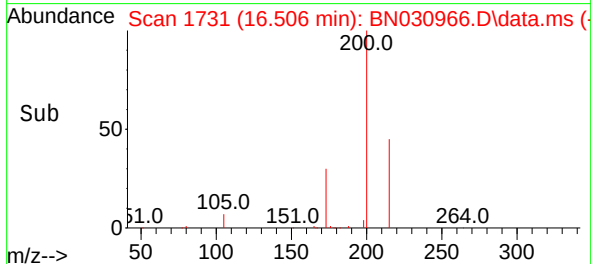
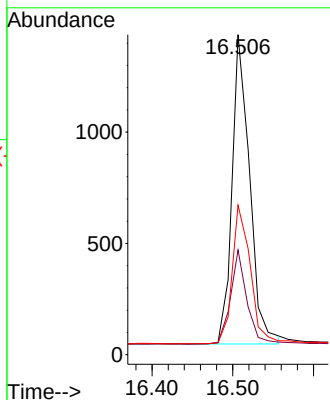
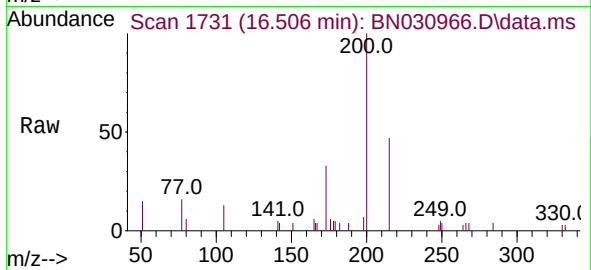




#23  
Atrazine  
Concen: 0.339 ng  
RT: 16.506 min Scan# 1731  
Delta R.T. -0.000 min  
Lab File: BN030966.D  
Acq: 16 Apr 2024 10:53

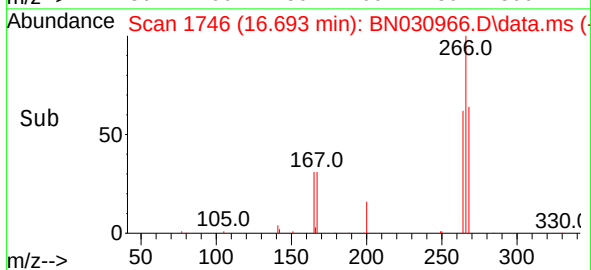
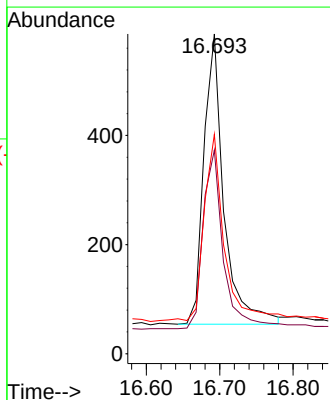
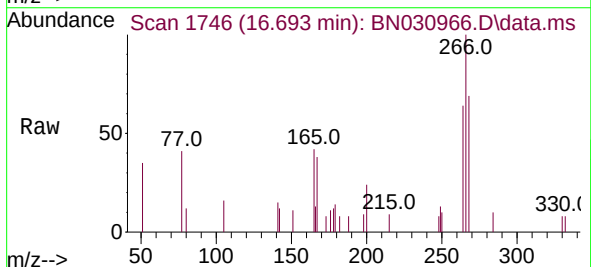
Instrument :  
BNA\_N  
ClientSampleId :  
PB159883BS

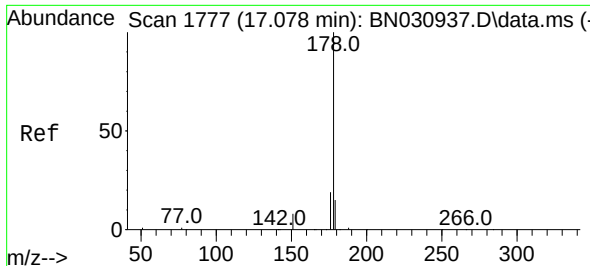
Tgt Ion:200 Resp: 2100  
Ion Ratio Lower Upper  
200 100  
173 32.7 29.9 44.9  
215 46.7 38.7 58.1



#24  
Pentachlorophenol  
Concen: 0.381 ng  
RT: 16.693 min Scan# 1746  
Delta R.T. -0.000 min  
Lab File: BN030966.D  
Acq: 16 Apr 2024 10:53

Tgt Ion:266 Resp: 1006  
Ion Ratio Lower Upper  
266 100  
264 62.6 50.2 75.2  
268 64.4 52.3 78.5

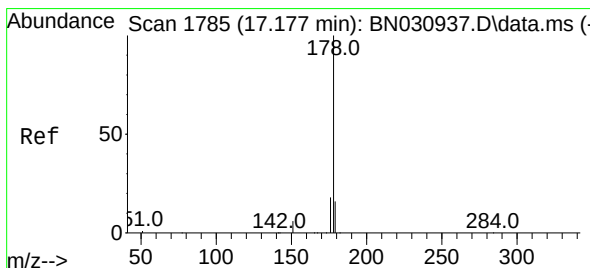
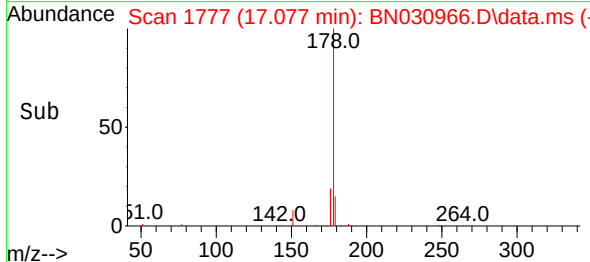
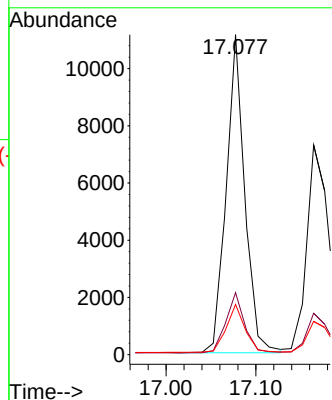
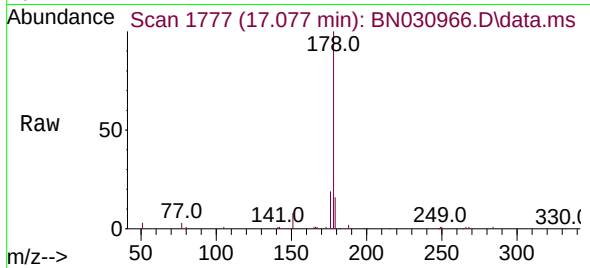




#25  
Phenanthrene  
Concen: 0.375 ng  
RT: 17.077 min Scan# 1777  
Delta R.T. -0.000 min  
Lab File: BN030966.D  
Acq: 16 Apr 2024 10:53

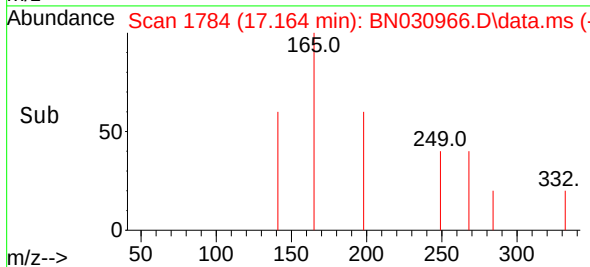
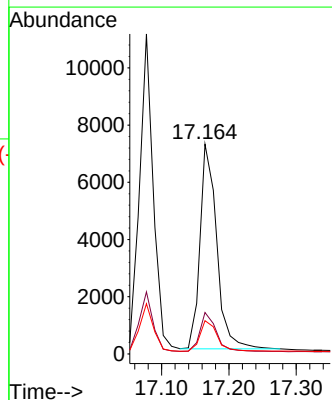
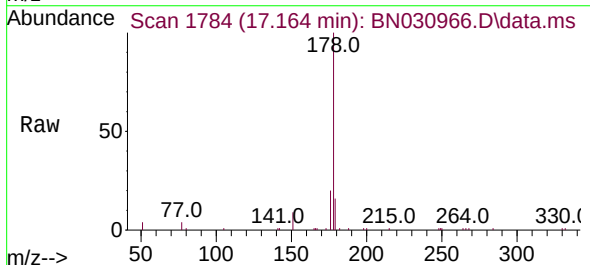
Instrument :  
BNA\_N  
ClientSampleId :  
PB159883BS

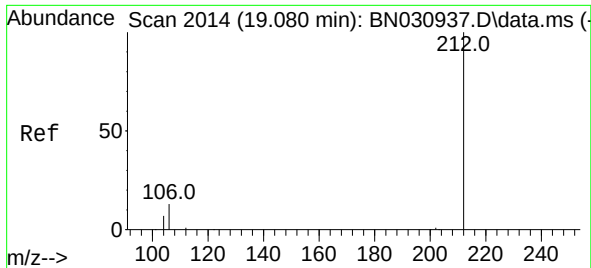
Tgt Ion:178 Resp: 15956  
Ion Ratio Lower Upper  
178 100  
176 19.0 15.1 22.7  
179 15.2 12.2 18.2



#26  
Anthracene  
Concen: 0.351 ng  
RT: 17.164 min Scan# 1784  
Delta R.T. -0.013 min  
Lab File: BN030966.D  
Acq: 16 Apr 2024 10:53

Tgt Ion:178 Resp: 12376  
Ion Ratio Lower Upper  
178 100  
176 18.4 14.6 22.0  
179 15.5 12.3 18.5

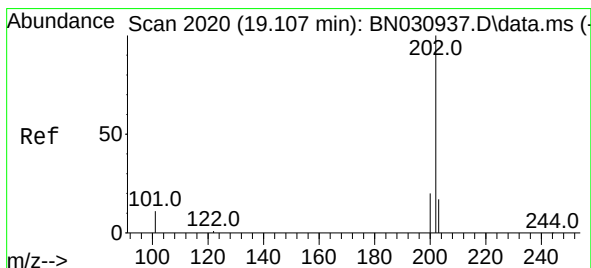
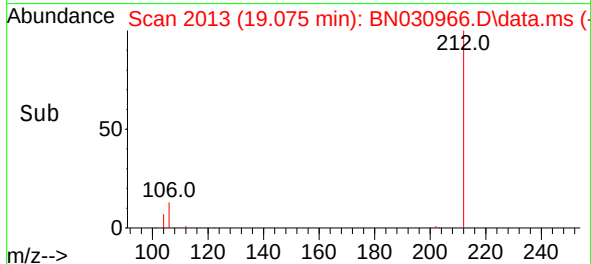
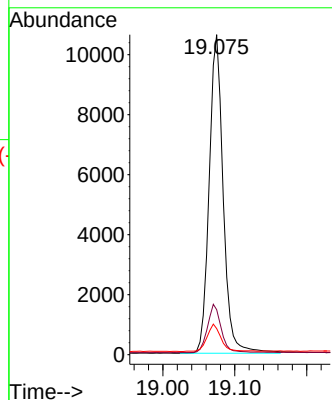
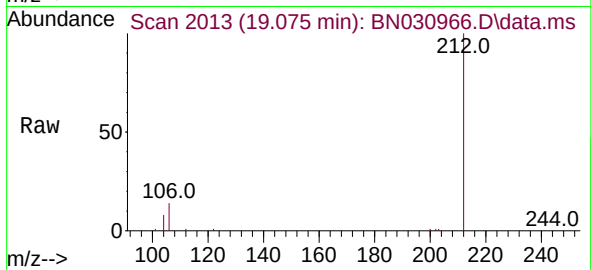




#27  
Fluoranthene-d10  
Concen: 0.369 ng  
RT: 19.075 min Scan# 20  
Delta R.T. -0.005 min  
Lab File: BN030966.D  
Acq: 16 Apr 2024 10:53

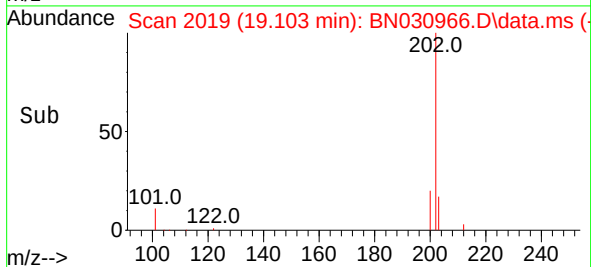
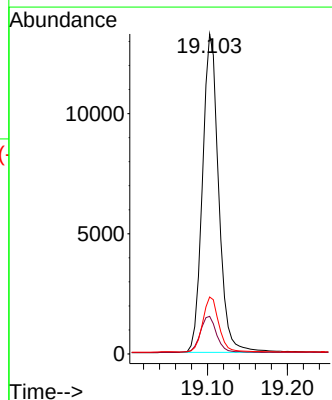
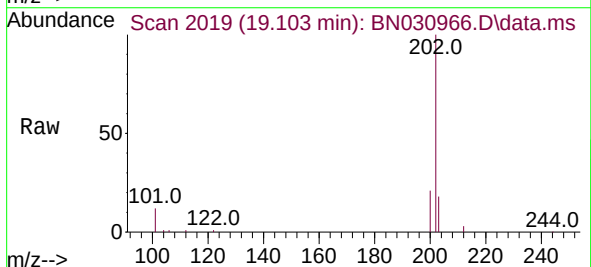
Instrument :  
BNA\_N  
ClientSampleId :  
PB159883BS

Tgt Ion:212 Resp: 14315  
Ion Ratio Lower Upper  
212 100  
106 14.7 12.0 18.0  
104 8.5 6.7 10.1

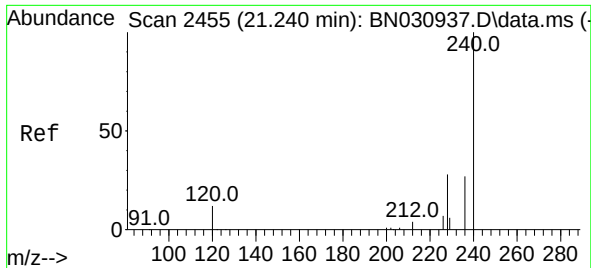


#28  
Fluoranthene  
Concen: 0.365 ng  
RT: 19.103 min Scan# 2019  
Delta R.T. -0.005 min  
Lab File: BN030966.D  
Acq: 16 Apr 2024 10:53

Tgt Ion:202 Resp: 18631  
Ion Ratio Lower Upper  
202 100  
101 11.9 9.4 14.2  
203 17.3 13.8 20.8







#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.231 min Scan# 2455

Delta R.T. -0.009 min

Lab File: BN030966.D

Acq: 16 Apr 2024 10:53

Instrument :

BNA\_N

ClientSampleId :

PB159883BS

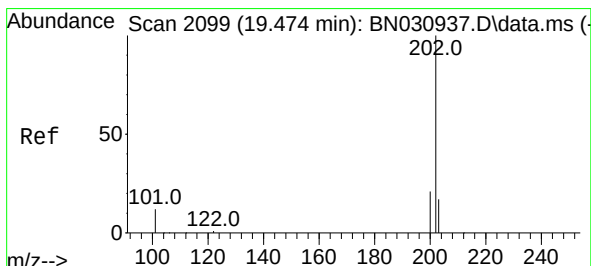
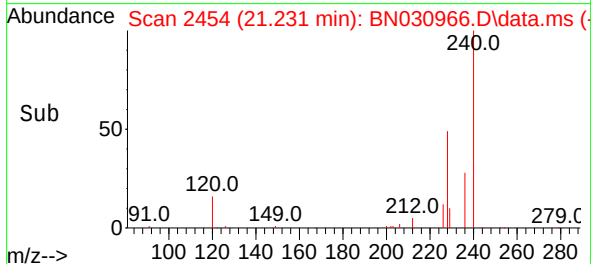
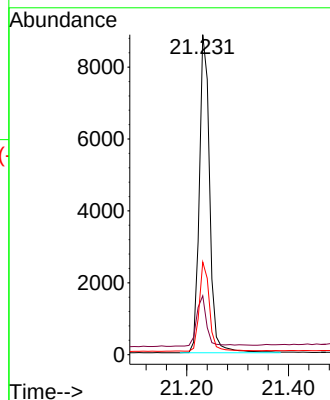
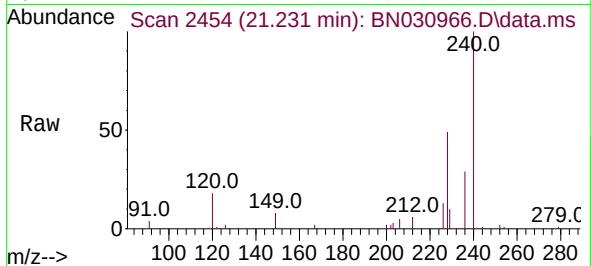
Tgt Ion:240 Resp: 12458

Ion Ratio Lower Upper

240 100

120 18.4 11.0 16.4#

236 28.9 22.3 33.5



#30

Pyrene

Concen: 0.388 ng

RT: 19.470 min Scan# 2098

Delta R.T. -0.005 min

Lab File: BN030966.D

Acq: 16 Apr 2024 10:53

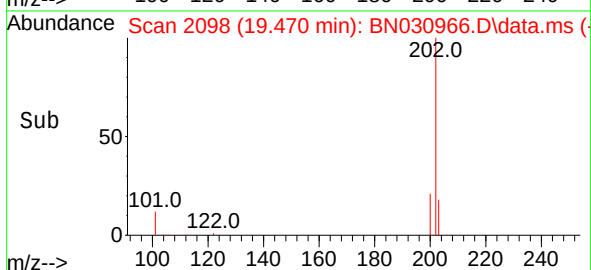
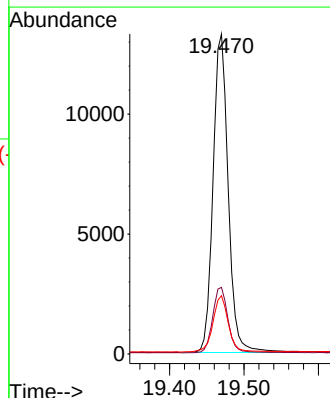
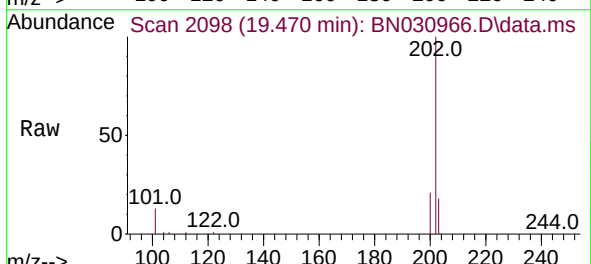
Tgt Ion:202 Resp: 18749

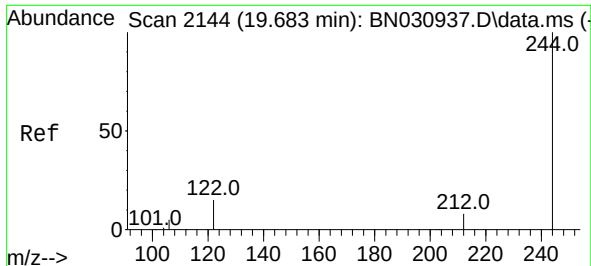
Ion Ratio Lower Upper

202 100

200 20.8 16.6 25.0

203 18.1 14.3 21.5

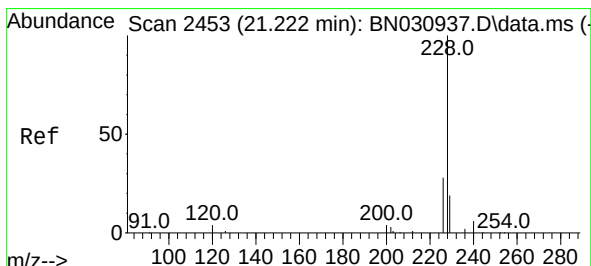
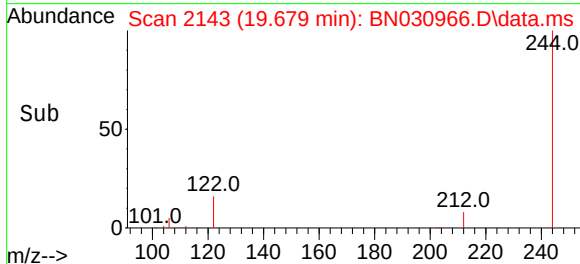
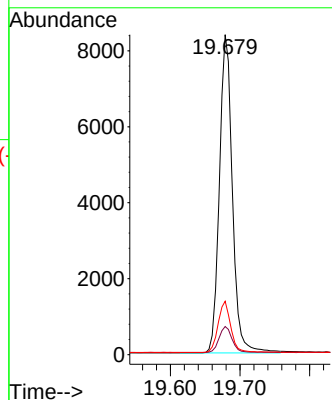
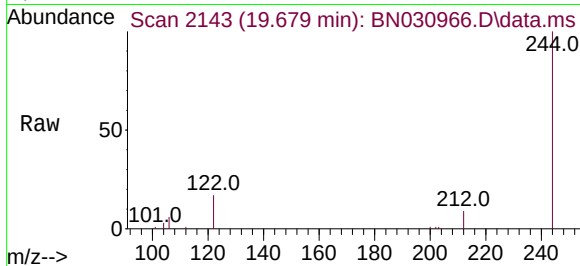




#31  
Terphenyl-d14  
Concen: 0.375 ng  
RT: 19.679 min Scan# 2143  
Delta R.T. -0.005 min  
Lab File: BN030966.D  
Acq: 16 Apr 2024 10:53

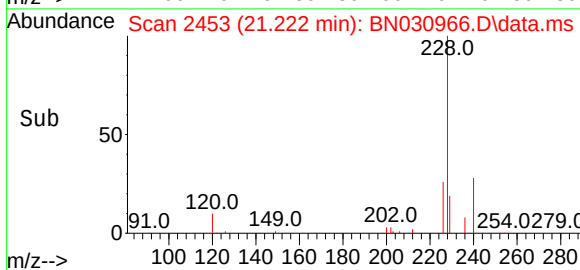
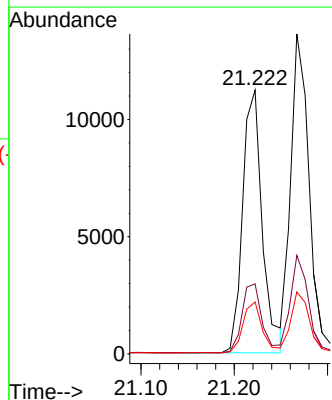
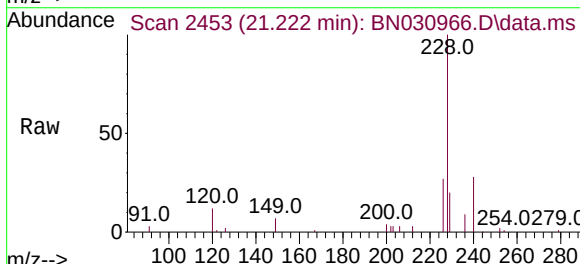
Instrument :  
BNA\_N  
ClientSampleId :  
PB159883BS

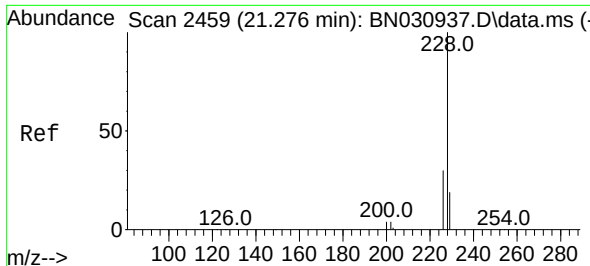
Tgt Ion:244 Resp: 10858  
Ion Ratio Lower Upper  
244 100  
212 8.8 7.2 10.8  
122 16.7 12.7 19.1



#32  
Benzo(a)anthracene  
Concen: 0.379 ng  
RT: 21.222 min Scan# 2453  
Delta R.T. -0.000 min  
Lab File: BN030966.D  
Acq: 16 Apr 2024 10:53

Tgt Ion:228 Resp: 16439  
Ion Ratio Lower Upper  
228 100  
226 26.6 22.4 33.6  
229 19.7 15.7 23.5





#33

Chrysene

Concen: 0.387 ng

RT: 21.267 min Scan# 2459

Delta R.T. -0.009 min

Lab File: BN030966.D

Acq: 16 Apr 2024 10:53

Instrument :

BNA\_N

ClientSampleId :

PB159883BS

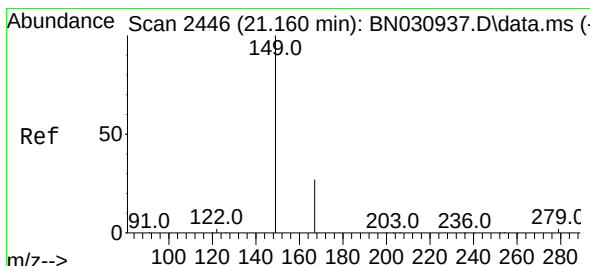
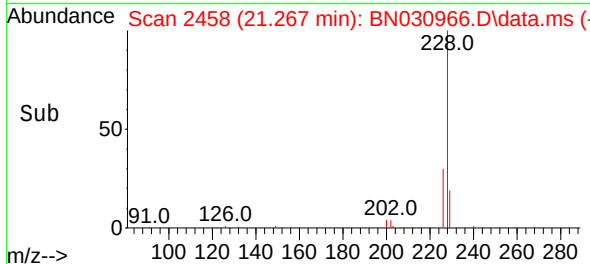
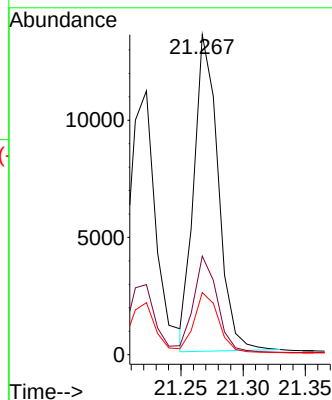
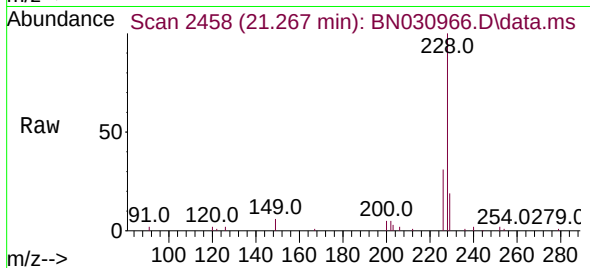
Tgt Ion:228 Resp: 18277

Ion Ratio Lower Upper

228 100

226 30.8 23.9 35.9

229 19.4 15.8 23.6



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.338 ng

RT: 21.151 min Scan# 2445

Delta R.T. -0.009 min

Lab File: BN030966.D

Acq: 16 Apr 2024 10:53

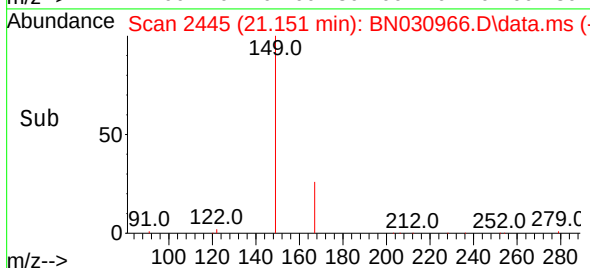
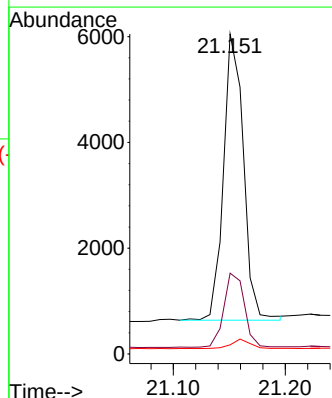
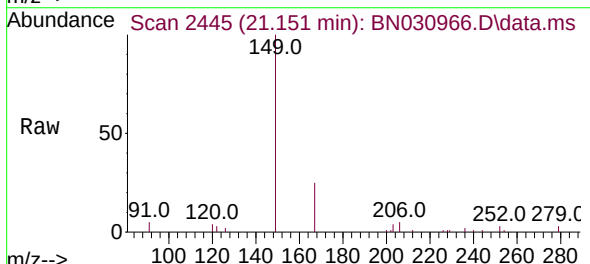
Tgt Ion:149 Resp: 6715

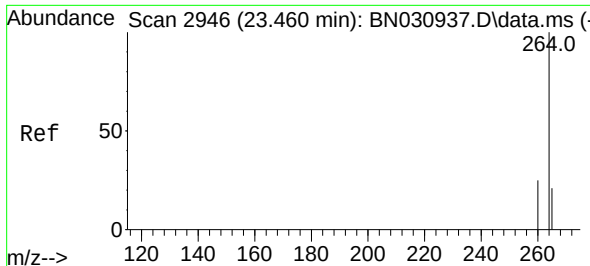
Ion Ratio Lower Upper

149 100

167 27.0 21.0 31.4

279 3.5 2.9 4.3

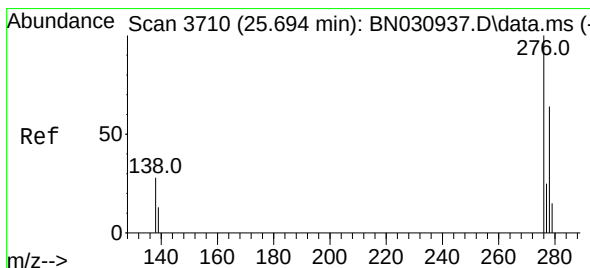
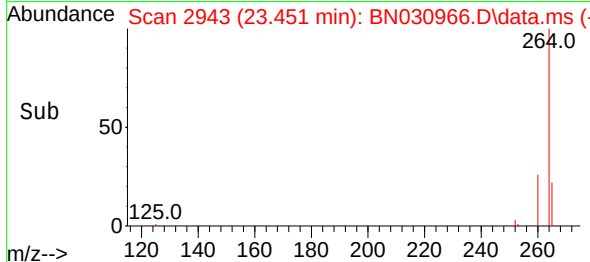
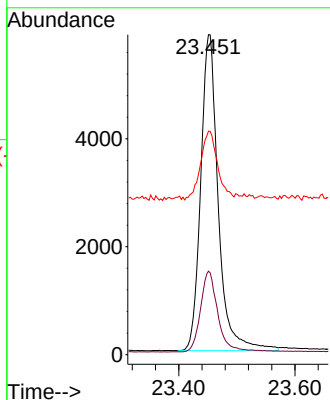
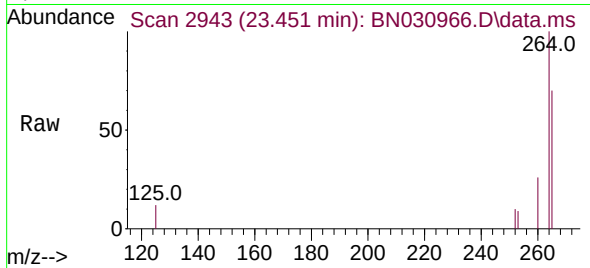




#35  
Perylene-d12  
Concen: 0.400 ng  
RT: 23.451 min Scan# 20  
Delta R.T. -0.009 min  
Lab File: BN030966.D  
Acq: 16 Apr 2024 10:53

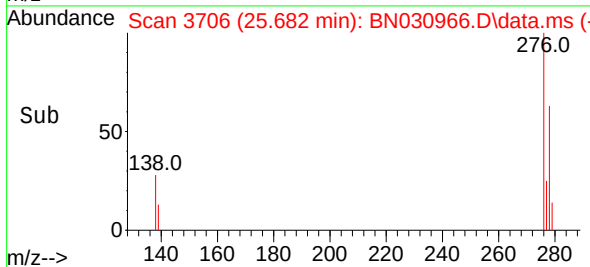
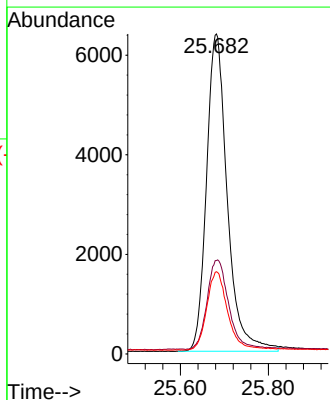
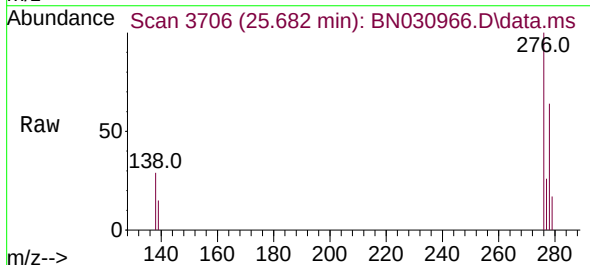
Instrument :  
BNA\_N  
ClientSampleId :  
PB159883BS

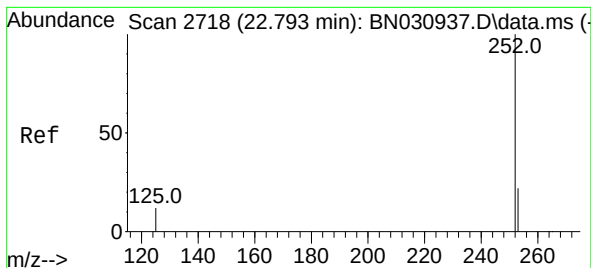
Tgt Ion:264 Resp: 12251  
Ion Ratio Lower Upper  
264 100  
260 26.1 20.6 31.0  
265 69.9 53.3 79.9



#36  
Indeno(1,2,3-cd)pyrene  
Concen: 0.368 ng  
RT: 25.682 min Scan# 3706  
Delta R.T. -0.012 min  
Lab File: BN030966.D  
Acq: 16 Apr 2024 10:53

Tgt Ion:276 Resp: 20955  
Ion Ratio Lower Upper  
276 100  
138 29.4 23.1 34.7  
277 24.7 19.9 29.9





#37

Benzo(b)fluoranthene

Concen: 0.379 ng

RT: 22.785 min Scan# 21

Delta R.T. -0.009 min

Lab File: BN030966.D

Acq: 16 Apr 2024 10:53

Instrument :

BNA\_N

ClientSampleId :

PB159883BS

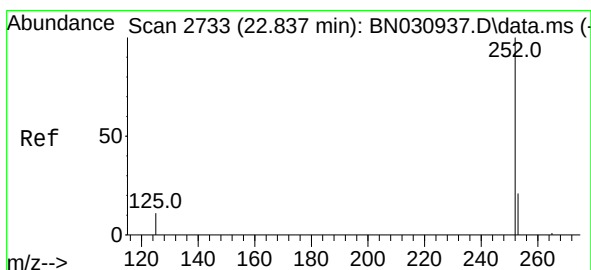
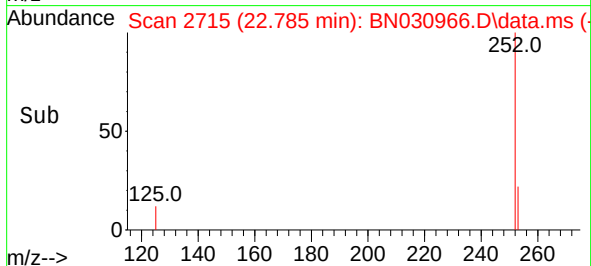
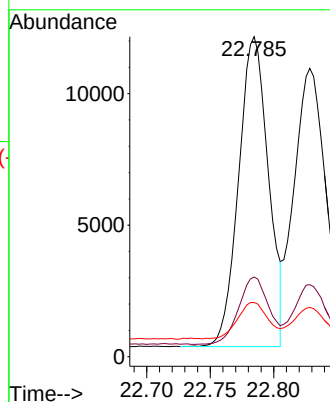
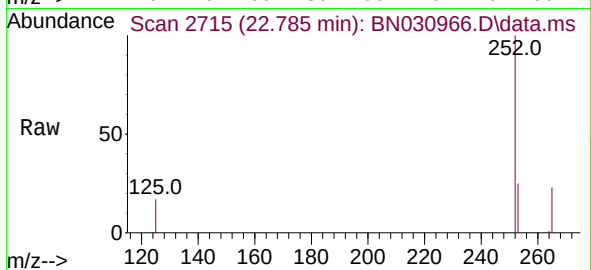
Tgt Ion:252 Resp: 19173

Ion Ratio Lower Upper

252 100

253 24.9 20.2 30.2

125 17.0 13.4 20.2



#38

Benzo(k)fluoranthene

Concen: 0.374 ng

RT: 22.828 min Scan# 2730

Delta R.T. -0.009 min

Lab File: BN030966.D

Acq: 16 Apr 2024 10:53

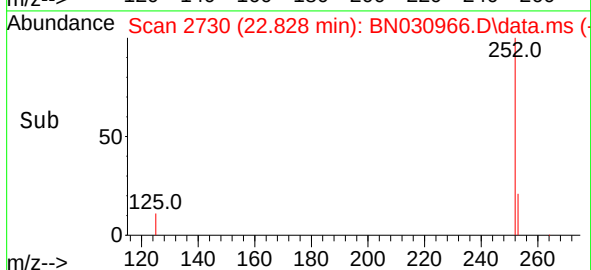
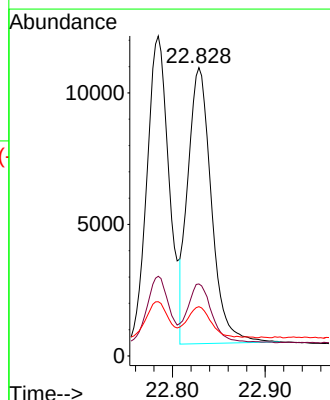
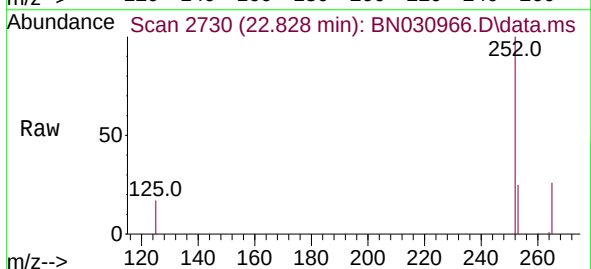
Tgt Ion:252 Resp: 18508

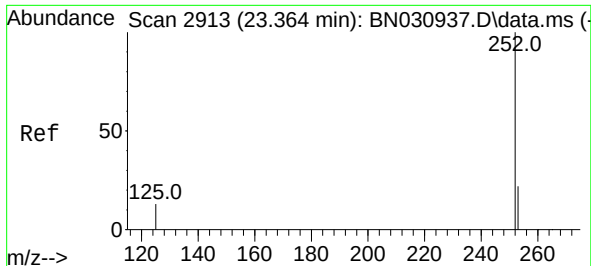
Ion Ratio Lower Upper

252 100

253 24.9 19.9 29.9

125 17.1 13.2 19.8





#39

Benzo(a)pyrene

Concen: 0.362 ng

RT: 23.352 min Scan# 2909

Delta R.T. -0.012 min

Lab File: BN030966.D

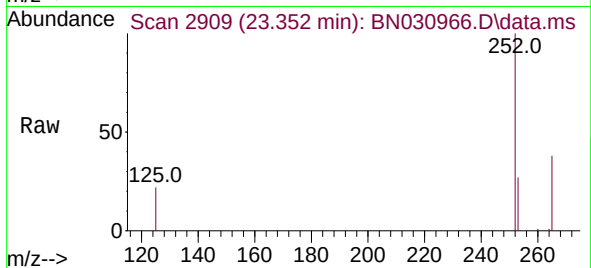
Acq: 16 Apr 2024 10:53

Instrument :

BNA\_N

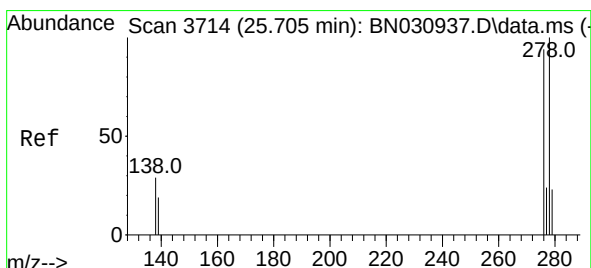
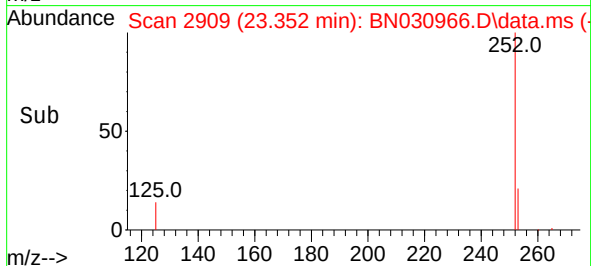
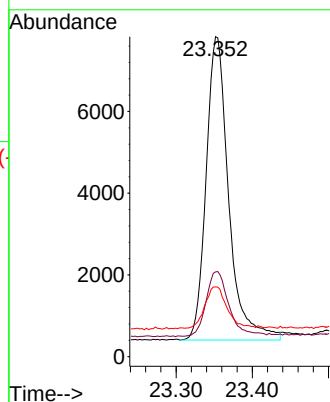
ClientSampleId :

PB159883BS



Tgt Ion:252 Resp: 15223

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 26.5  | 21.4  | 32.2  |
| 125 | 21.8  | 16.6  | 25.0  |



#40

Dibenzo(a,h)anthracene

Concen: 0.369 ng

RT: 25.697 min Scan# 3711

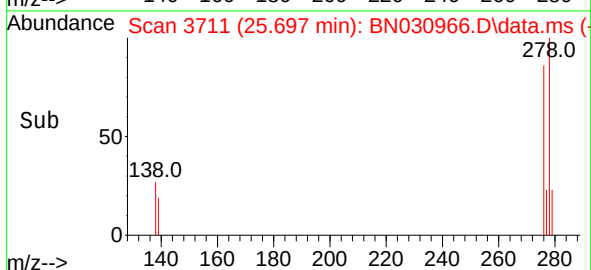
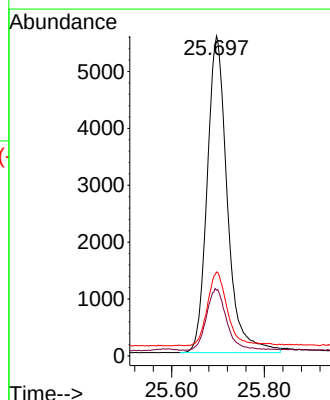
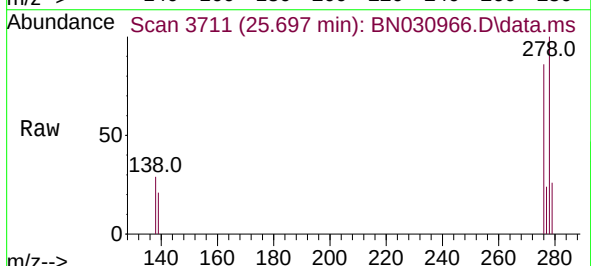
Delta R.T. -0.009 min

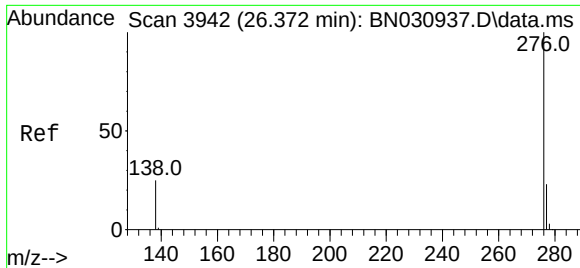
Lab File: BN030966.D

Acq: 16 Apr 2024 10:53

Tgt Ion:278 Resp: 16826

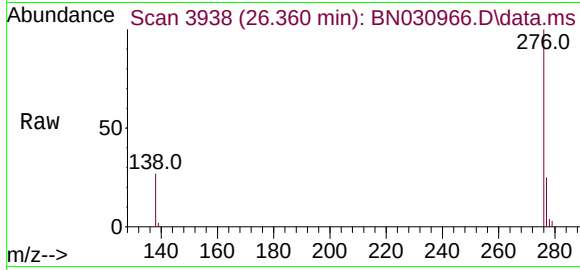
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 278 | 100   |       |       |
| 139 | 20.6  | 16.3  | 24.5  |
| 279 | 26.3  | 20.6  | 31.0  |





#41  
 Benzo(g,h,i)perylene  
 Concen: 0.385 ng  
 RT: 26.360 min Scan# 3938  
 Delta R.T. -0.012 min  
 Lab File: BN030966.D  
 Acq: 16 Apr 2024 10:53

Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB159883BS



|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 276   | Resp: | 19338 |
| Ion Ratio | Lower | Upper |       |
| 276       | 100   |       |       |
| 277       | 24.7  | 19.4  | 29.2  |
| 138       | 27.4  | 21.0  | 31.4  |

