

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN031424\  
 Data File : BN030400.D  
 Acq On : 14 Mar 2024 16:35  
 Operator : MA/JU  
 Sample : PB159518BSD  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB159518BSD

Quant Time: Mar 14 17:06:57 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN031324.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Mar 14 11:36:29 2024  
 Response via : Initial Calibration

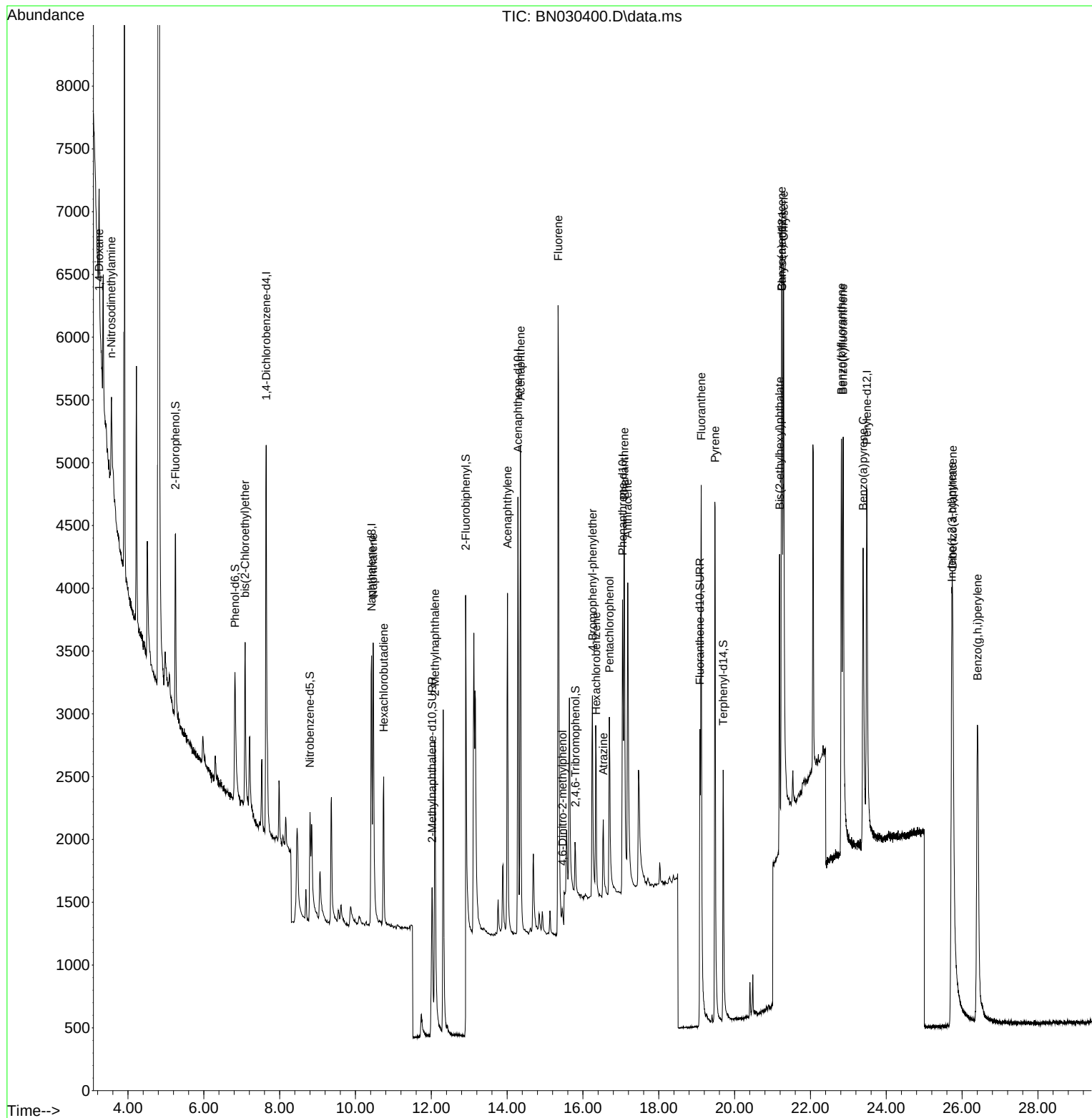
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.645  | 152  | 1775     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.423 | 136  | 3989     | 0.400 | ng    | 0.00     |
| 13) Acenaphthene-d10          | 14.286 | 164  | 2231     | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.044 | 188  | 4495     | 0.400 | ng    | 0.00     |
| 29) Chrysene-d12              | 21.250 | 240  | 3873     | 0.400 | ng    | # 0.00   |
| 35) Perylene-d12              | 23.487 | 264  | 4550     | 0.400 | ng    | 0.00     |
|                               |        |      |          |       |       |          |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.254  | 112  | 1374     | 0.297 | ng    | 0.00     |
| 5) Phenol-d6                  | 6.822  | 99   | 1333     | 0.296 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 8.800  | 82   | 1179     | 0.322 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 12.023 | 152  | 3306     | 0.534 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.803 | 330  | 334      | 0.257 | ng    | 0.01     |
| 15) 2-Fluorobiphenyl          | 12.907 | 172  | 2412     | 0.269 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.085 | 212  | 4035     | 0.310 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.698 | 244  | 3111     | 0.354 | ng    | 0.00     |
|                               |        |      |          |       |       |          |
| Target Compounds              |        |      |          |       |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.239  | 88   | 666      | 0.270 | ng    | # 69     |
| 3) n-Nitrosodimethylamine     | 3.557  | 42   | 754      | 0.334 | ng    | # 96     |
| 6) bis(2-Chloroethyl)ether    | 7.089  | 93   | 1233     | 0.341 | ng    | 98       |
| 9) Naphthalene                | 10.466 | 128  | 3586     | 0.336 | ng    | 100      |
| 10) Hexachlorobutadiene       | 10.744 | 225  | 1049     | 0.318 | ng    | # 98     |
| 12) 2-Methylnaphthalene       | 12.095 | 142  | 2315     | 0.337 | ng    | 95       |
| 16) Acenaphthylene            | 14.009 | 152  | 3539     | 0.363 | ng    | 99       |
| 17) Acenaphthene              | 14.351 | 154  | 2139     | 0.334 | ng    | 99       |
| 18) Fluorene                  | 15.345 | 166  | 2853     | 0.360 | ng    | 99       |
| 20) 4,6-Dinitro-2-methylph... | 15.462 | 198  | 226      | 0.379 | ng    | # 66     |
| 21) 4-Bromophenyl-phenylether | 16.250 | 248  | 892      | 0.336 | ng    | # 91     |
| 22) Hexachlorobenzene         | 16.349 | 284  | 1122     | 0.354 | ng    | 97       |
| 23) Atrazine                  | 16.535 | 200  | 801      | 0.335 | ng    | 97       |
| 24) Pentachlorophenol         | 16.697 | 266  | 996      | 0.600 | ng    | 99       |
| 25) Phenanthrene              | 17.094 | 178  | 4115     | 0.344 | ng    | 99       |
| 26) Anthracene                | 17.181 | 178  | 3806     | 0.347 | ng    | 99       |
| 28) Fluoranthene              | 19.118 | 202  | 4986     | 0.309 | ng    | 100      |
| 30) Pyrene                    | 19.485 | 202  | 5178     | 0.358 | ng    | 99       |
| 32) Benzo(a)anthracene        | 21.241 | 228  | 4301     | 0.334 | ng    | 97       |
| 33) Chrysene                  | 21.295 | 228  | 5023     | 0.354 | ng    | 99       |
| 34) Bis(2-ethylhexyl)phtha... | 21.187 | 149  | 2346     | 0.349 | ng    | 97       |
| 36) Indeno(1,2,3-cd)pyrene    | 25.727 | 276  | 7405     | 0.382 | ng    | # 93     |
| 37) Benzo(b)fluoranthene      | 22.818 | 252  | 4788     | 0.323 | ng    | 93       |
| 38) Benzo(k)fluoranthene      | 22.862 | 252  | 5432     | 0.362 | ng    | 94       |
| 39) Benzo(a)pyrene            | 23.388 | 252  | 5298     | 0.384 | ng    | 95       |
| 40) Dibenzo(a,h)anthracene    | 25.753 | 278  | 5487     | 0.358 | ng    | 94       |
| 41) Benzo(g,h,i)perylene      | 26.405 | 276  | 6475     | 0.358 | ng    | 99       |
| -----                         |        |      |          |       |       |          |

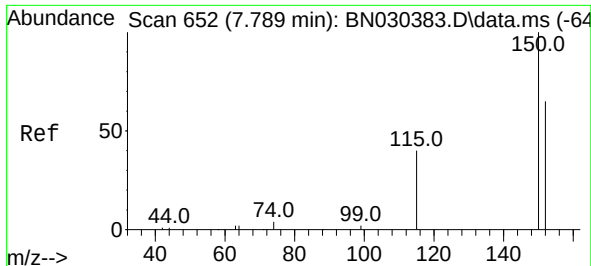
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN031424\  
Data File : BN030400.D  
Acq On : 14 Mar 2024 16:35  
Operator : MA/JU  
Sample : PB159518BSD  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
PB159518BSD

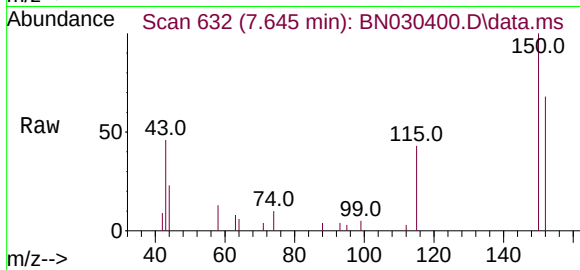
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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN031324.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Mar 14 11:36:29 2024  
Response via : Initial Calibration



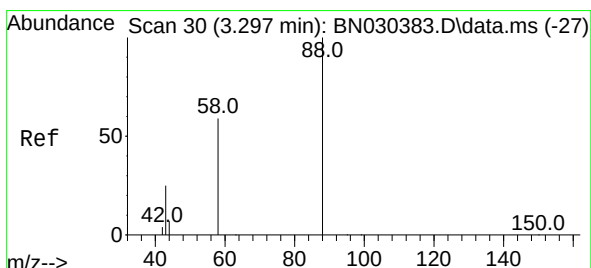
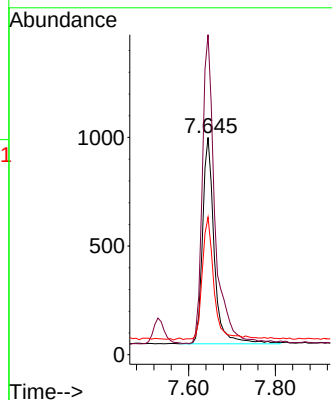
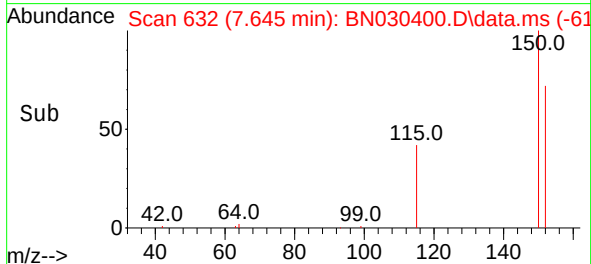


#1  
1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 7.645 min Scan# 61  
Delta R.T. 0.007 min  
Lab File: BN030400.D  
Acq: 14 Mar 2024 16:35

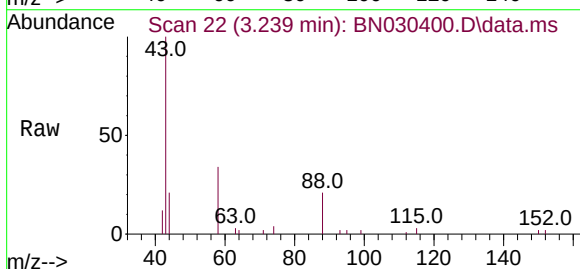
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BNA\_N  
ClientSampleId :  
PB159518BSD



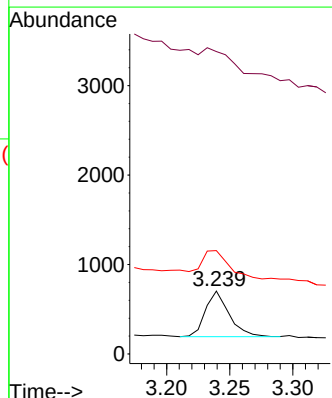
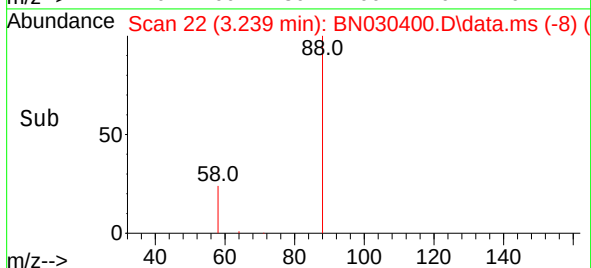
Tgt Ion:152 Resp: 1775  
Ion Ratio Lower Upper  
152 100  
150 147.3 120.4 180.6  
115 63.3 52.8 79.2

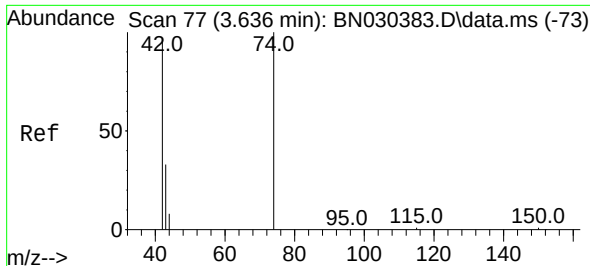


#2  
1,4-Dioxane  
Concen: 0.270 ng  
RT: 3.239 min Scan# 22  
Delta R.T. -0.000 min  
Lab File: BN030400.D  
Acq: 14 Mar 2024 16:35



Tgt Ion: 88 Resp: 666  
Ion Ratio Lower Upper  
88 100  
43 0.0 23.4 35.0#  
58 71.6 46.1 69.1#

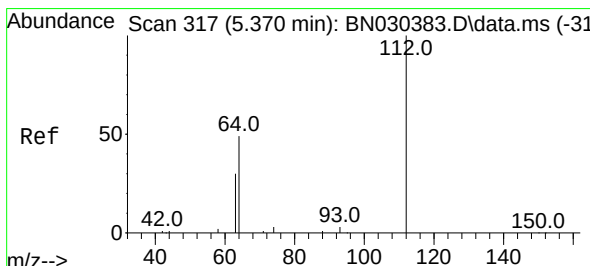
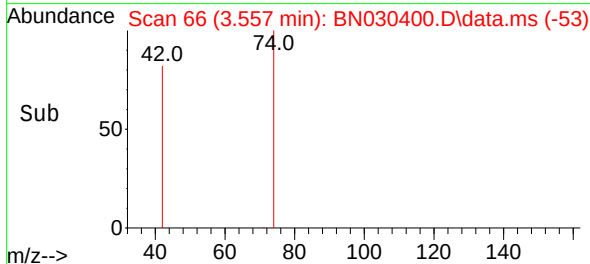
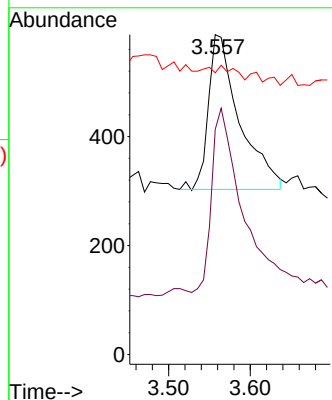
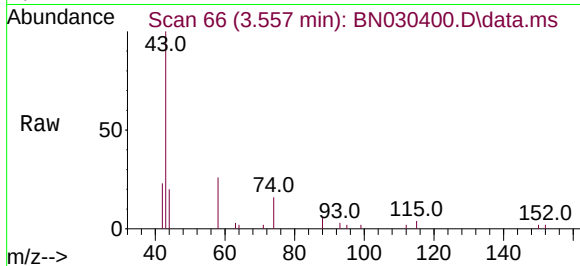




#3  
n-Nitrosodimethylamine  
Concen: 0.334 ng  
RT: 3.557 min Scan# 61  
Delta R.T. -0.007 min  
Lab File: BN030400.D  
Acq: 14 Mar 2024 16:35

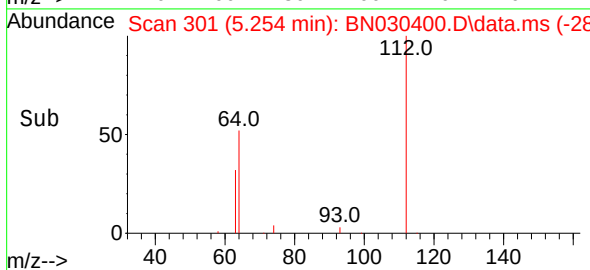
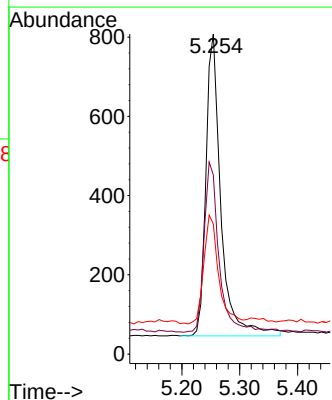
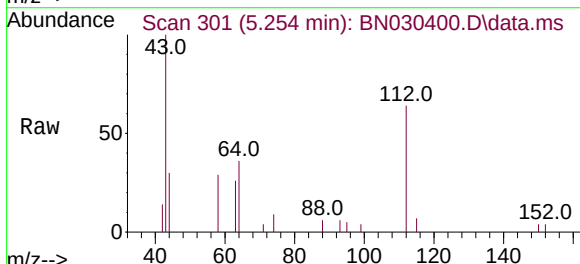
Instrument :  
BNA\_N  
ClientSampleId :  
PB159518BSD

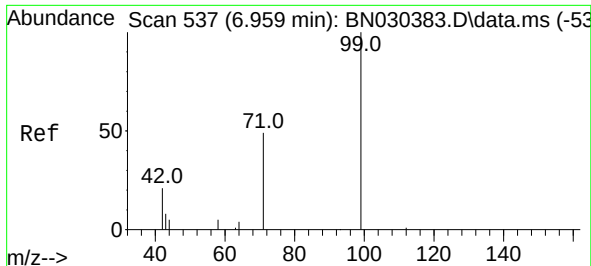
Tgt Ion: 42 Resp: 754  
Ion Ratio Lower Upper  
42 100  
74 116.3 95.4 143.0  
44 0.0 6.6 10.0#



#4  
2-Fluorophenol  
Concen: 0.297 ng  
RT: 5.254 min Scan# 301  
Delta R.T. 0.007 min  
Lab File: BN030400.D  
Acq: 14 Mar 2024 16:35

Tgt Ion: 112 Resp: 1374  
Ion Ratio Lower Upper  
112 100  
64 56.8 45.6 68.4  
63 35.6 28.2 42.4

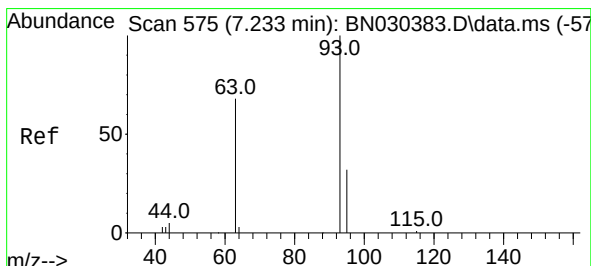
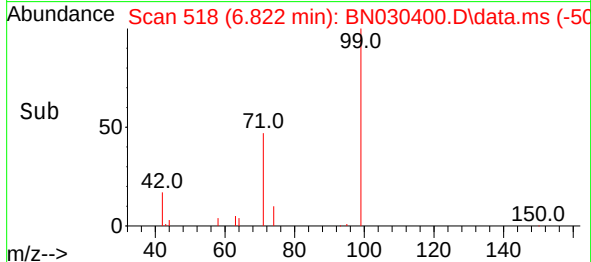
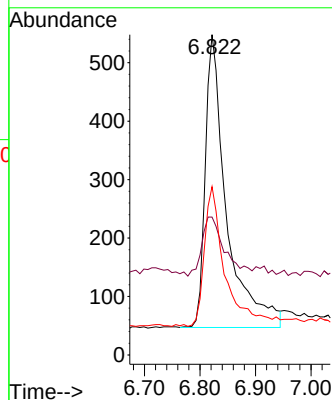
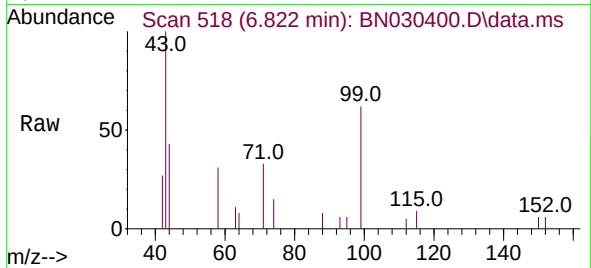




#5  
Phenol-d6  
Concen: 0.296 ng  
RT: 6.822 min Scan# 518  
Delta R.T. 0.007 min  
Lab File: BN030400.D  
Acq: 14 Mar 2024 16:35

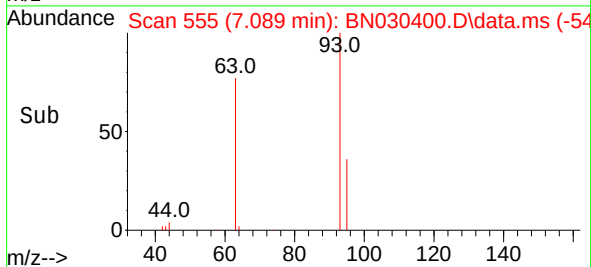
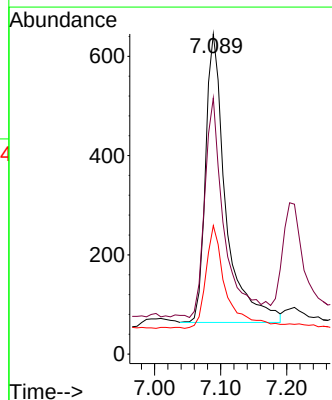
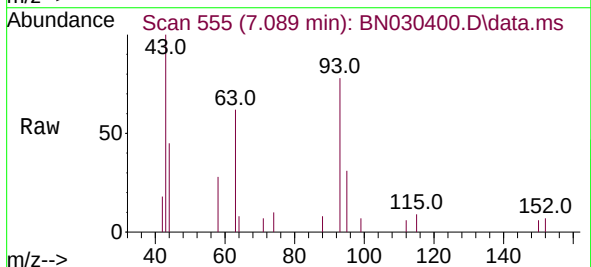
Instrument :  
BNA\_N  
ClientSampleId :  
PB159518BSD

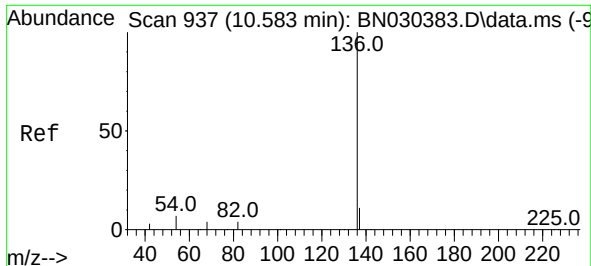
Tgt Ion: 99 Resp: 1333  
Ion Ratio Lower Upper  
99 100  
42 21.7 17.0 25.6  
71 46.9 37.0 55.6



#6  
bis(2-Chloroethyl)ether  
Concen: 0.341 ng  
RT: 7.089 min Scan# 555  
Delta R.T. -0.000 min  
Lab File: BN030400.D  
Acq: 14 Mar 2024 16:35

Tgt Ion: 93 Resp: 1233  
Ion Ratio Lower Upper  
93 100  
63 72.4 58.9 88.3  
95 35.9 27.3 40.9

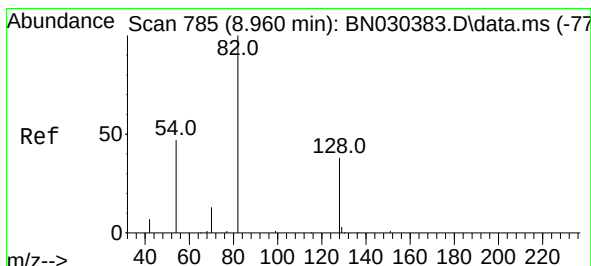
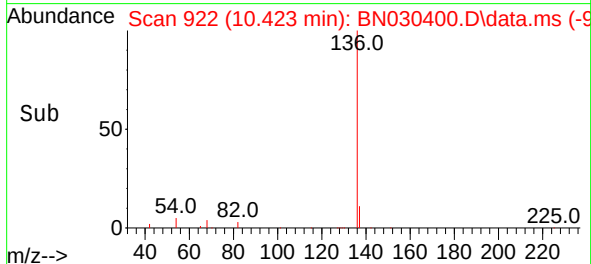
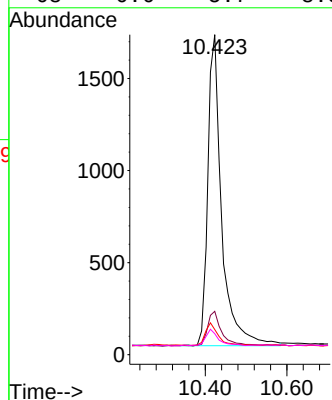
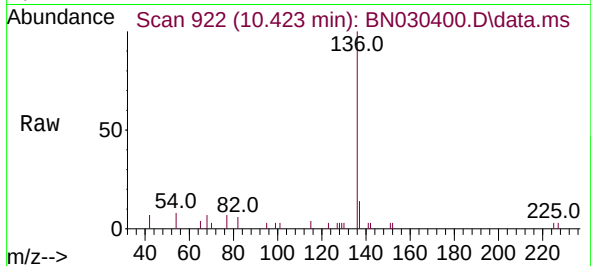




#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.423 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: BN030400.D  
Acq: 14 Mar 2024 16:35

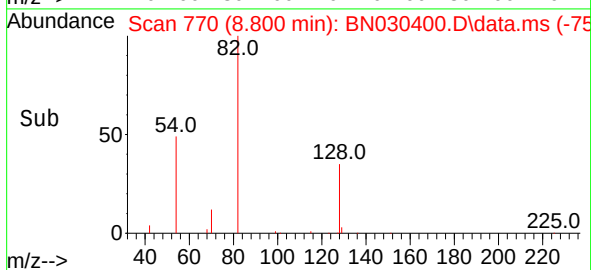
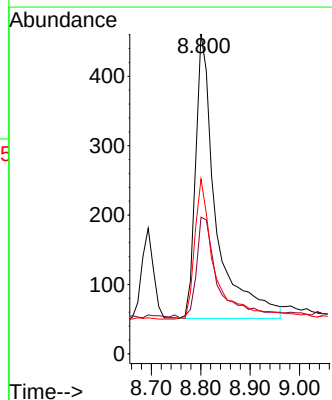
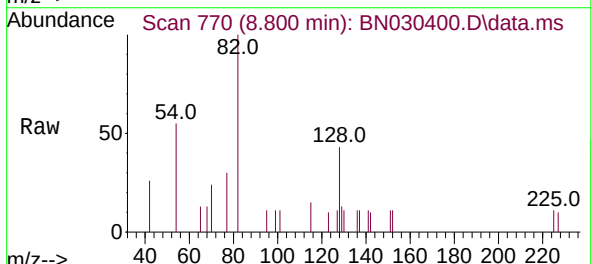
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ClientSampleId :  
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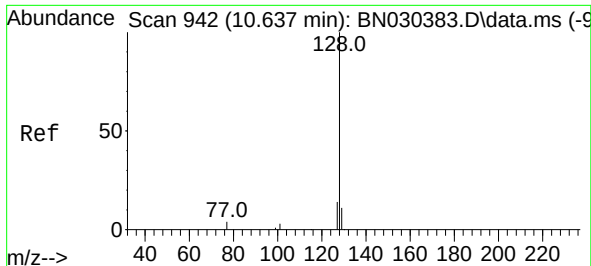
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 136   | Resp: | 3989  |
| Ion      | Ratio | Lower | Upper |
| 136      | 100   |       |       |
| 137      | 13.6  | 11.0  | 16.6  |
| 54       | 7.9   | 7.8   | 11.8  |
| 68       | 6.6   | 5.7   | 8.5   |



#8  
Nitrobenzene-d5  
Concen: 0.322 ng  
RT: 8.800 min Scan# 770  
Delta R.T. -0.000 min  
Lab File: BN030400.D  
Acq: 14 Mar 2024 16:35

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 82    | Resp: | 1179  |
| Ion      | Ratio | Lower | Upper |
| 82       | 100   |       |       |
| 128      | 42.7  | 35.2  | 52.8  |
| 54       | 54.7  | 41.5  | 62.3  |

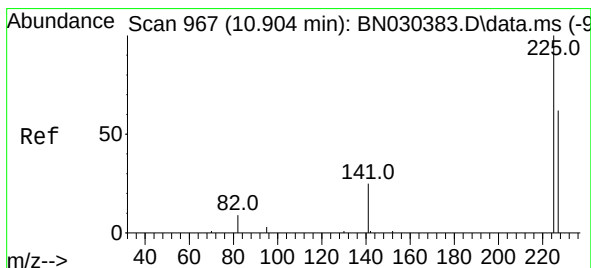
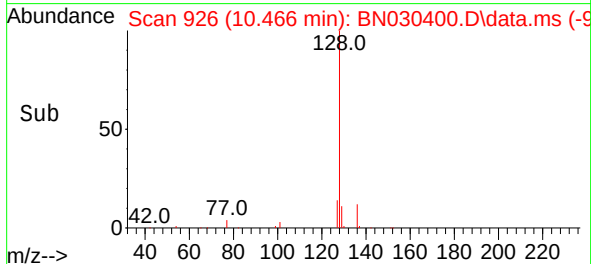
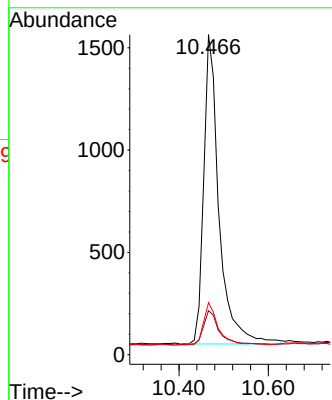
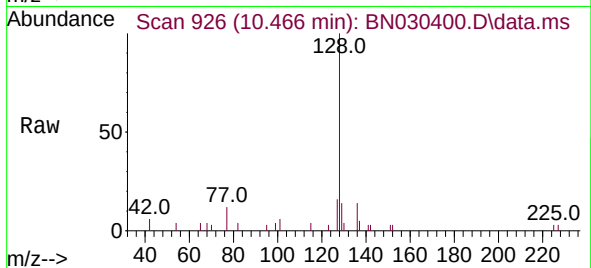




#9  
Naphthalene  
Concen: 0.336 ng  
RT: 10.466 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: BN030400.D  
Acq: 14 Mar 2024 16:35

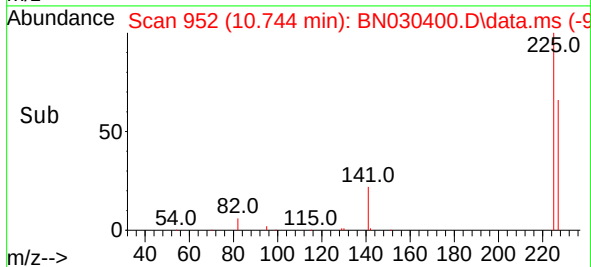
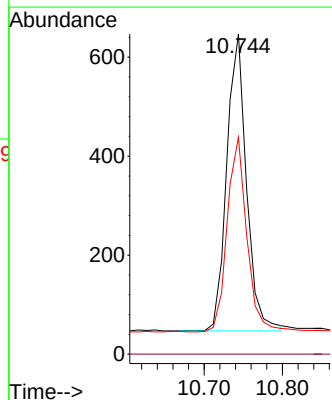
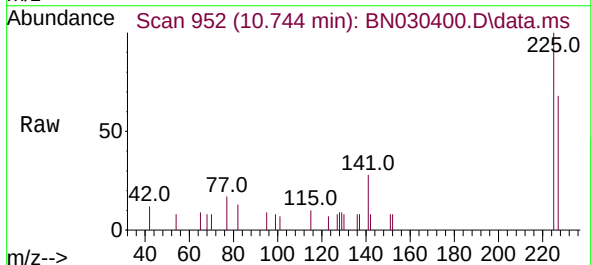
Instrument :  
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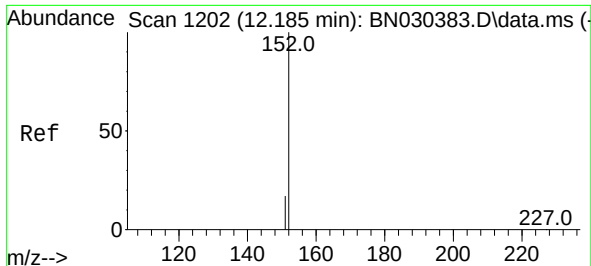
Tgt Ion:128 Resp: 3586  
Ion Ratio Lower Upper  
128 100  
129 13.7 10.8 16.2  
127 16.2 12.9 19.3



#10  
Hexachlorobutadiene  
Concen: 0.318 ng  
RT: 10.744 min Scan# 952  
Delta R.T. -0.000 min  
Lab File: BN030400.D  
Acq: 14 Mar 2024 16:35

Tgt Ion:225 Resp: 1049  
Ion Ratio Lower Upper  
225 100  
223 0.0 0.0 0.0  
227 65.0 50.5 75.7





#11

2-Methylnaphthalene-d10

Concen: 0.534 ng

RT: 12.023 min Scan# 1178

Delta R.T. -0.000 min

Lab File: BN030400.D

Acq: 14 Mar 2024 16:35

Instrument :

BNA\_N

ClientSampleId :

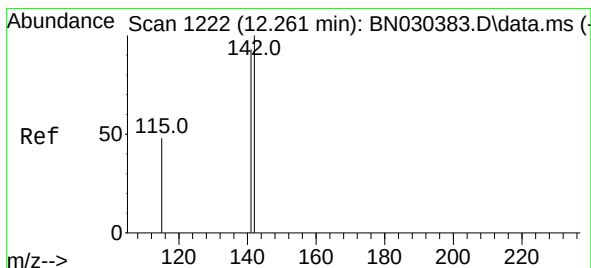
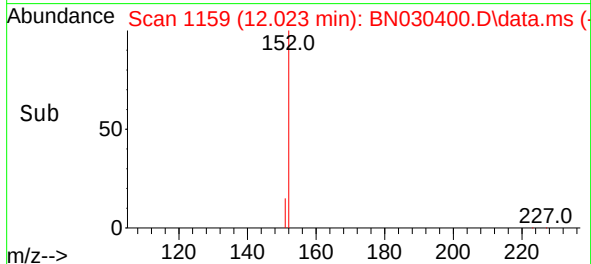
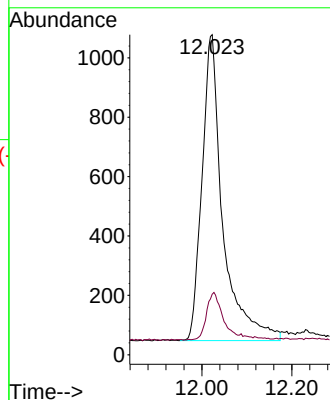
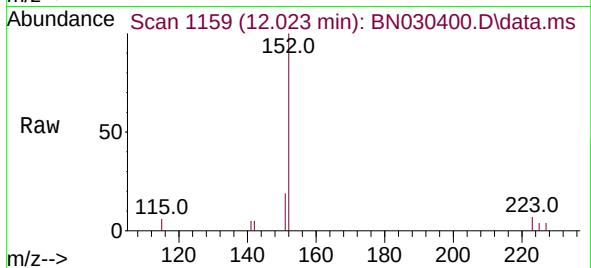
PB159518BSD

Tgt Ion:152 Resp: 3306

Ion Ratio Lower Upper

152 100

151 13.1 15.8 23.8#



#12

2-Methylnaphthalene

Concen: 0.337 ng

RT: 12.095 min Scan# 1178

Delta R.T. -0.000 min

Lab File: BN030400.D

Acq: 14 Mar 2024 16:35

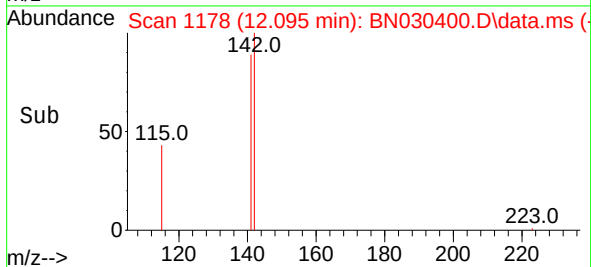
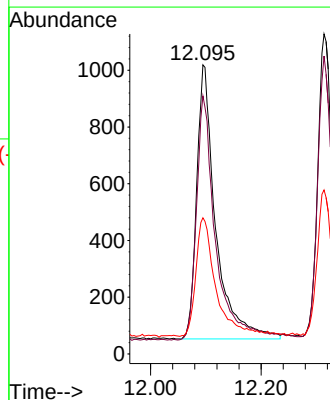
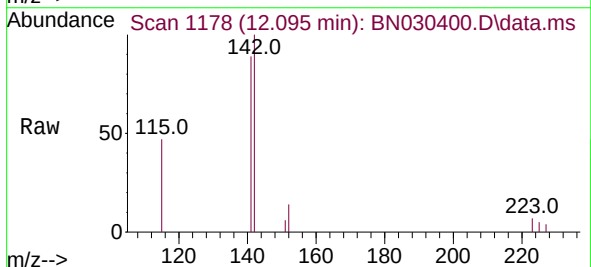
Tgt Ion:142 Resp: 2315

Ion Ratio Lower Upper

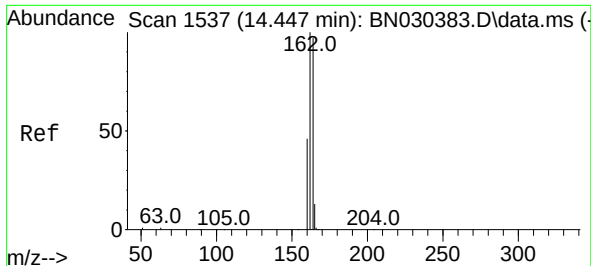
142 100

141 89.3 74.2 111.4

115 47.1 41.4 62.0







#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.286 min Scan# 1522

Delta R.T. -0.000 min

Lab File: BN030400.D

Acq: 14 Mar 2024 16:35

Instrument :

BNA\_N

ClientSampleId :

PB159518BSD

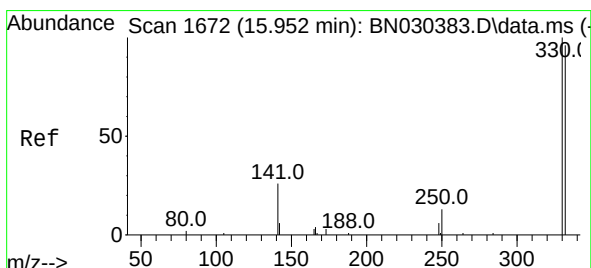
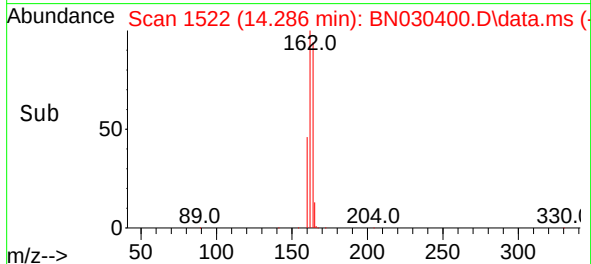
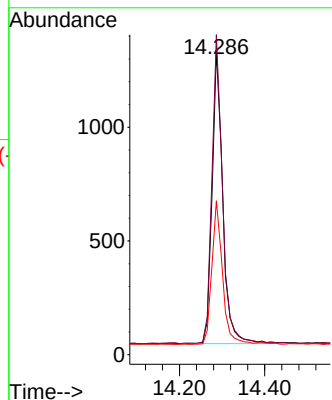
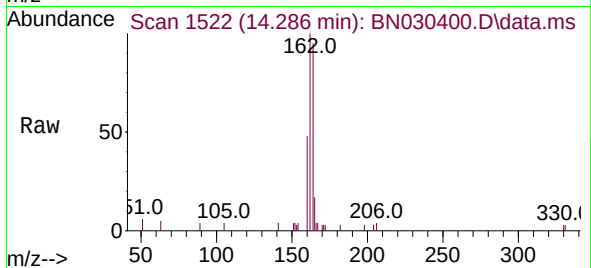
Tgt Ion:164 Resp: 2231

Ion Ratio Lower Upper

164 100

162 105.6 82.6 124.0

160 50.8 39.5 59.3



#14

2,4,6-Tribromophenol

Concen: 0.257 ng

RT: 15.803 min Scan# 1660

Delta R.T. 0.012 min

Lab File: BN030400.D

Acq: 14 Mar 2024 16:35

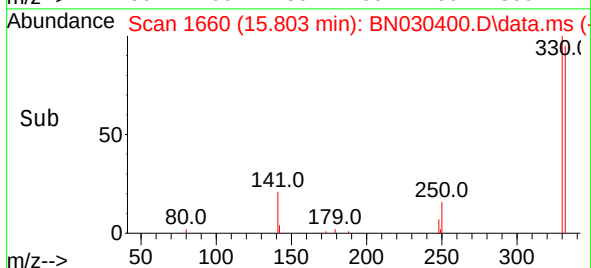
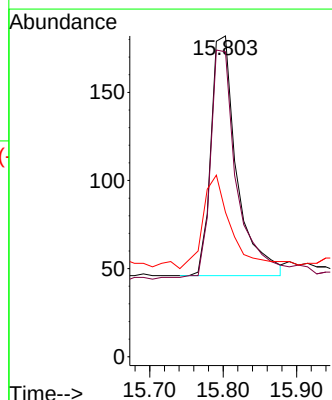
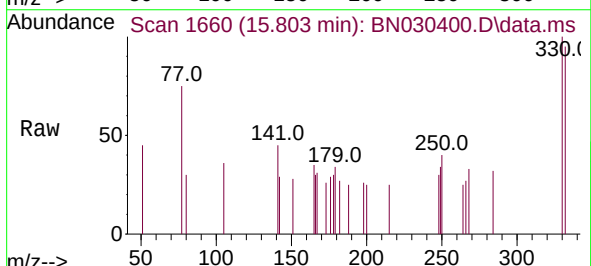
Tgt Ion:330 Resp: 334

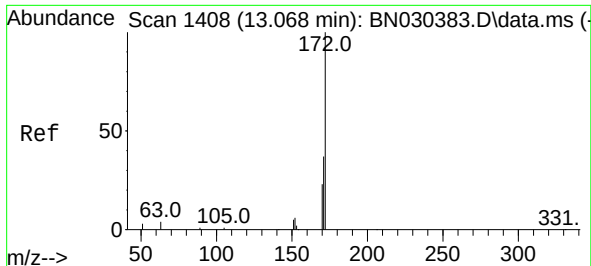
Ion Ratio Lower Upper

330 100

332 97.3 77.2 115.8

141 42.2 31.4 47.2





#15

2-Fluorobiphenyl

Concen: 0.269 ng

RT: 12.907 min Scan# 1496

Delta R.T. -0.000 min

Lab File: BN030400.D

Acq: 14 Mar 2024 16:35

Instrument :

BNA\_N

ClientSampleId :

PB159518BSD

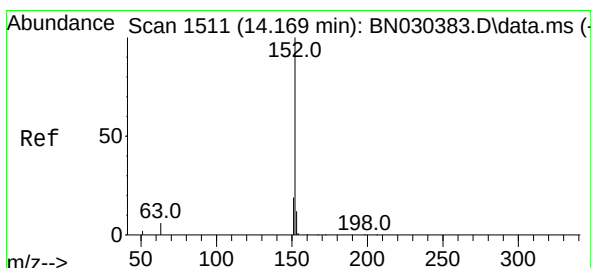
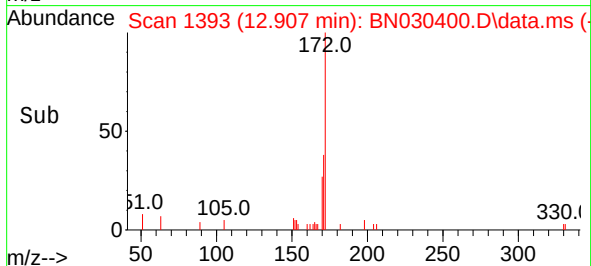
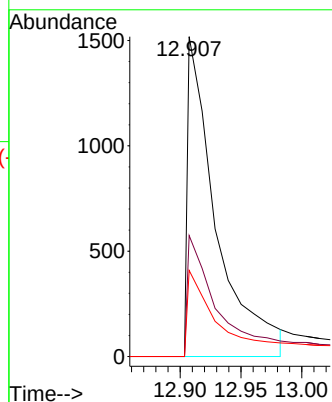
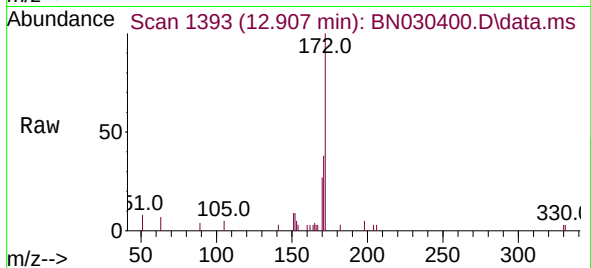
Tgt Ion:172 Resp: 2412

Ion Ratio Lower Upper

172 100

171 37.8 31.0 46.6

170 26.9 20.6 31.0



#16

Acenaphthylene

Concen: 0.363 ng

RT: 14.009 min Scan# 1496

Delta R.T. -0.000 min

Lab File: BN030400.D

Acq: 14 Mar 2024 16:35

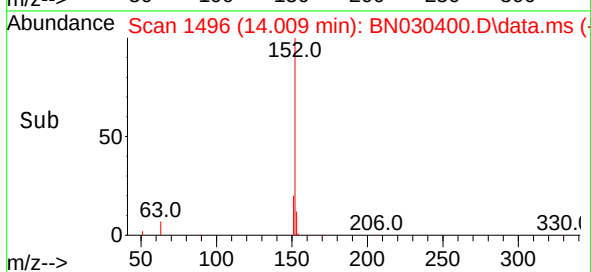
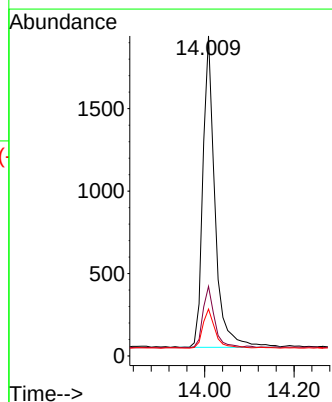
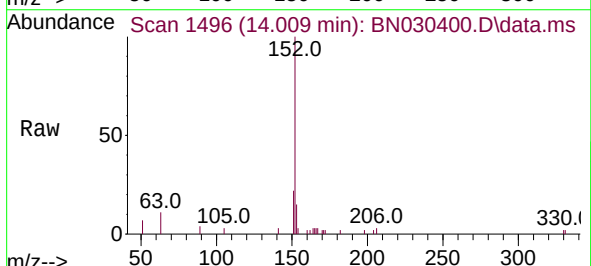
Tgt Ion:152 Resp: 3539

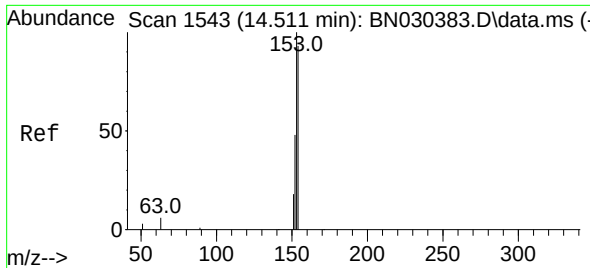
Ion Ratio Lower Upper

152 100

151 18.8 15.8 23.8

153 12.9 10.4 15.6

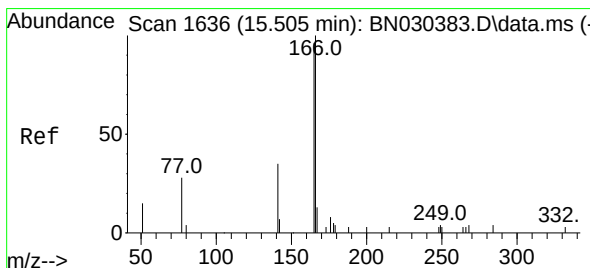
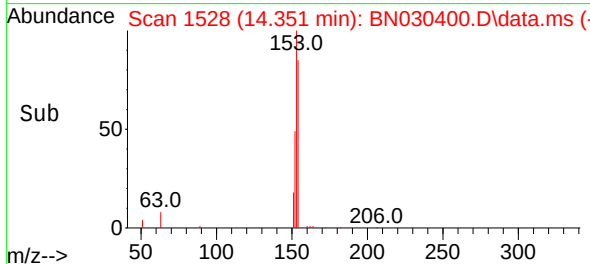
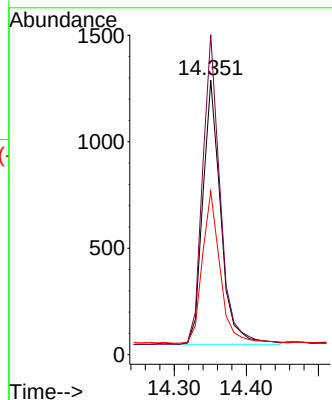
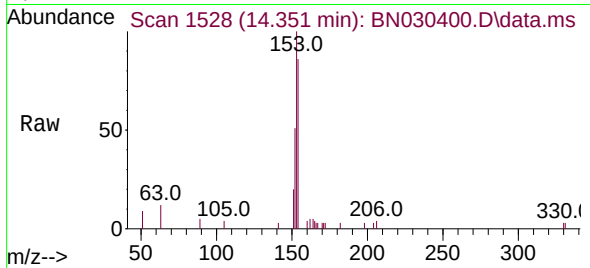




#17  
Acenaphthene  
Concen: 0.334 ng  
RT: 14.351 min Scan# 1528  
Delta R.T. -0.000 min  
Lab File: BN030400.D  
Acq: 14 Mar 2024 16:35

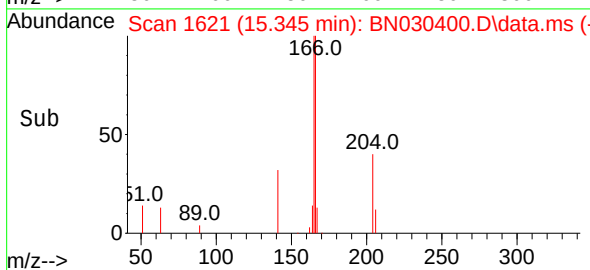
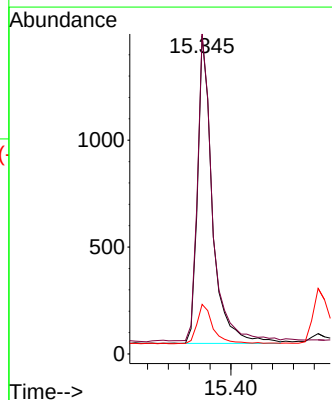
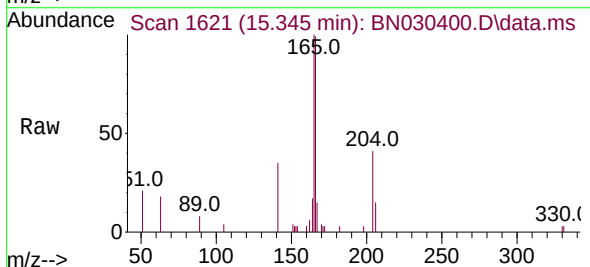
Instrument :  
BNA\_N  
ClientSampleId :  
PB159518BSD

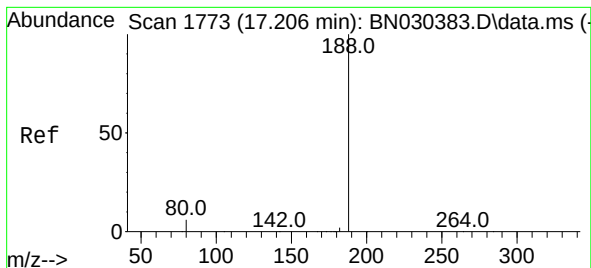
|             |       |            |
|-------------|-------|------------|
| Tgt Ion:154 | Resp: | 2139       |
| Ion Ratio   | Lower | Upper      |
| 154         | 100   |            |
| 153         | 115.5 | 91.6 137.4 |
| 152         | 57.7  | 45.9 68.9  |



#18  
Fluorene  
Concen: 0.360 ng  
RT: 15.345 min Scan# 1621  
Delta R.T. -0.000 min  
Lab File: BN030400.D  
Acq: 14 Mar 2024 16:35

|             |       |            |
|-------------|-------|------------|
| Tgt Ion:166 | Resp: | 2853       |
| Ion Ratio   | Lower | Upper      |
| 166         | 100   |            |
| 165         | 99.1  | 79.0 118.4 |
| 167         | 13.8  | 10.2 15.4  |





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.044 min Scan# 1

Delta R.T. -0.000 min

Lab File: BN030400.D

Acq: 14 Mar 2024 16:35

Instrument :

BNA\_N

ClientSampleId :

PB159518BSD

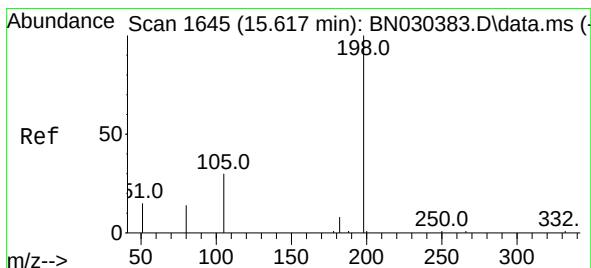
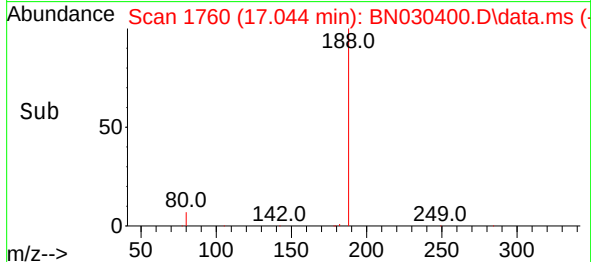
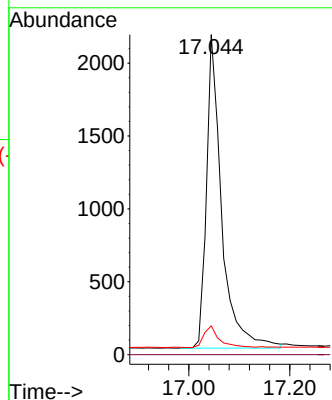
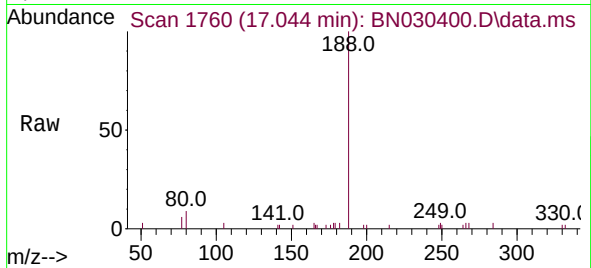
Tgt Ion:188 Resp: 4495

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 9.0 6.4 9.6



#20

4,6-Dinitro-2-methylphenol

Concen: 0.379 ng

RT: 15.462 min Scan# 1632

Delta R.T. 0.011 min

Lab File: BN030400.D

Acq: 14 Mar 2024 16:35

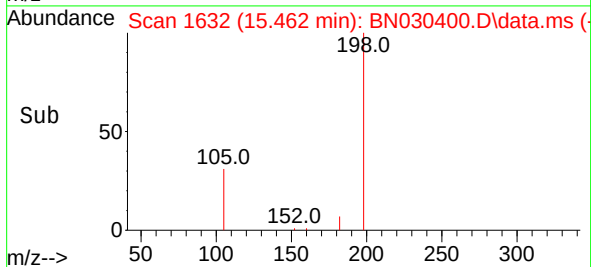
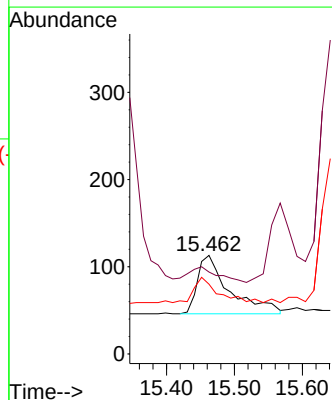
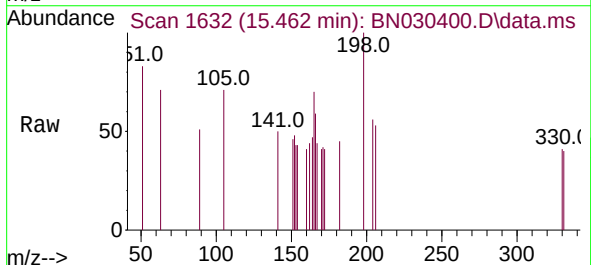
Tgt Ion:198 Resp: 226

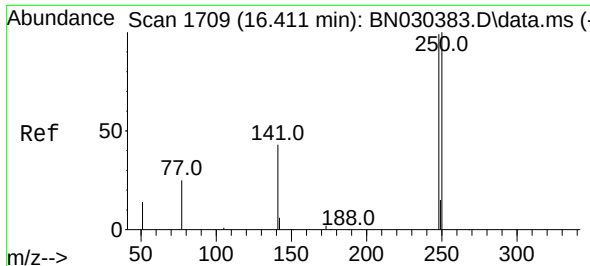
Ion Ratio Lower Upper

198 100

51 83.2 110.8 166.2#

105 70.8 51.7 77.5

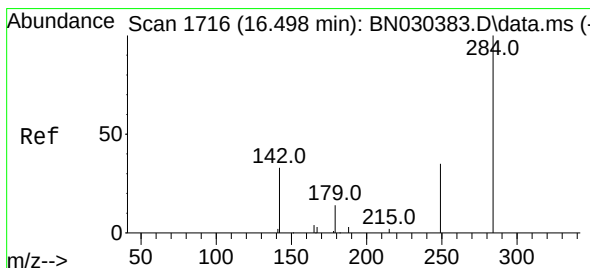
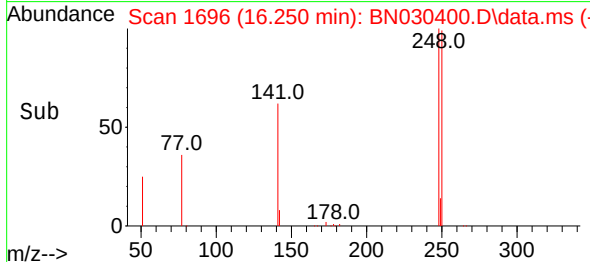
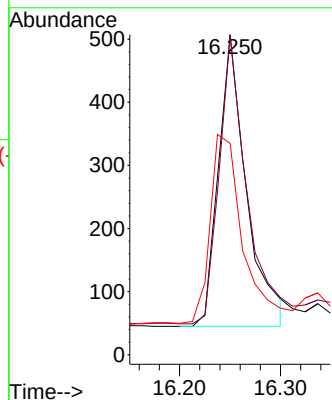
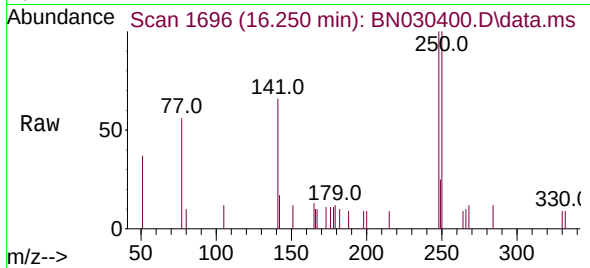




#21  
4-Bromophenyl-phenylether  
Concen: 0.336 ng  
RT: 16.250 min Scan# 1704  
Delta R.T. -0.000 min  
Lab File: BN030400.D  
Acq: 14 Mar 2024 16:35

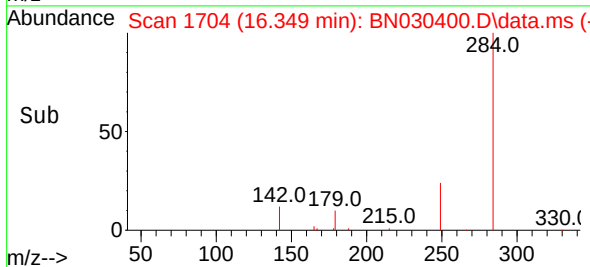
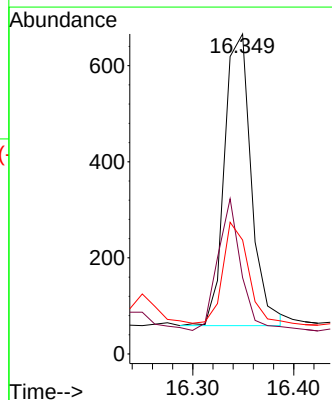
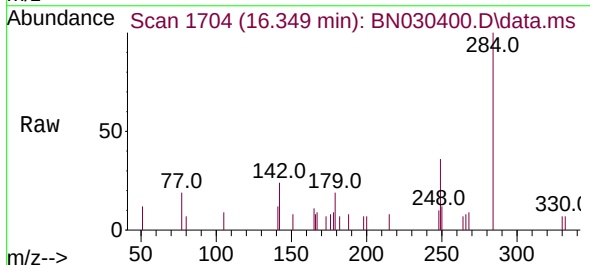
Instrument :  
BNA\_N  
ClientSampleId :  
PB159518BSD

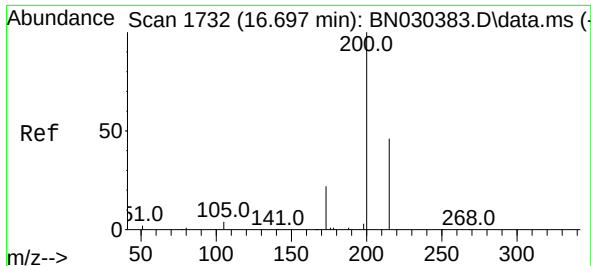
Tgt Ion:248 Resp: 892  
Ion Ratio Lower Upper  
248 100  
250 99.8 81.0 121.4  
141 66.1 39.2 58.8#



#22  
Hexachlorobenzene  
Concen: 0.354 ng  
RT: 16.349 min Scan# 1704  
Delta R.T. 0.012 min  
Lab File: BN030400.D  
Acq: 14 Mar 2024 16:35

Tgt Ion:284 Resp: 1122  
Ion Ratio Lower Upper  
284 100  
142 39.1 29.7 44.5  
249 32.3 27.2 40.8

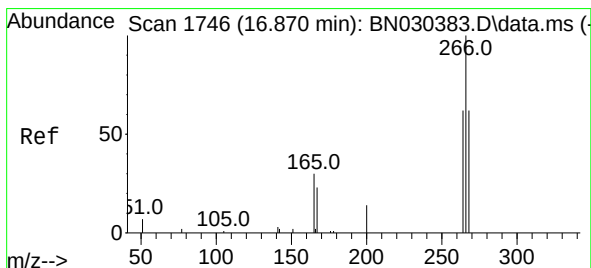
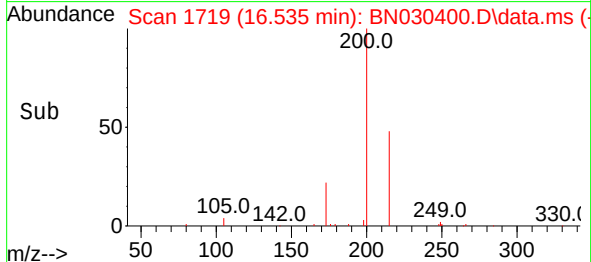
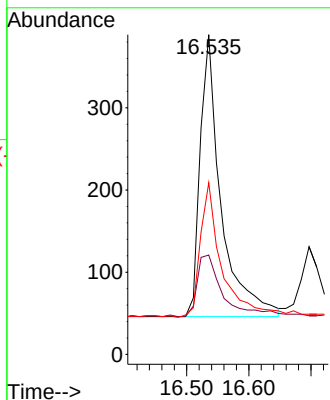
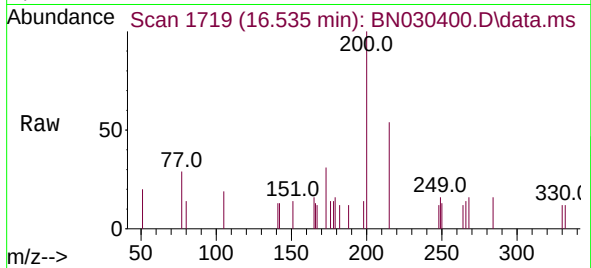




#23  
Atrazine  
Concen: 0.335 ng  
RT: 16.535 min Scan# 1719  
Delta R.T. -0.000 min  
Lab File: BN030400.D  
Acq: 14 Mar 2024 16:35

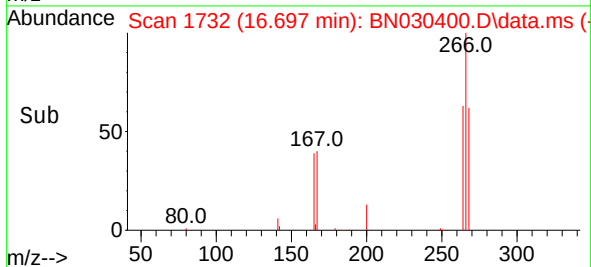
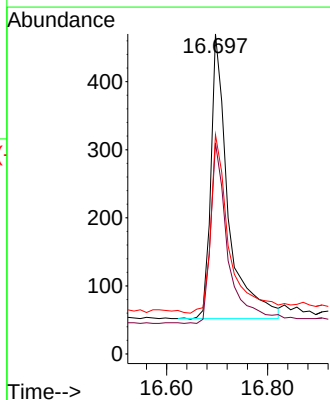
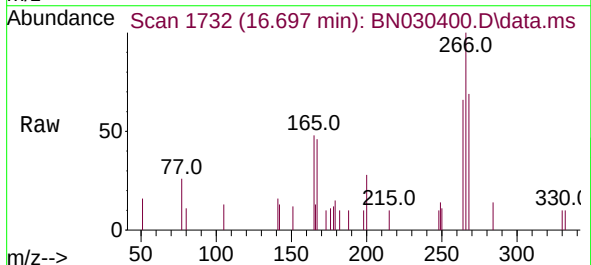
Instrument :  
BNA\_N  
ClientSampleId :  
PB159518BSD

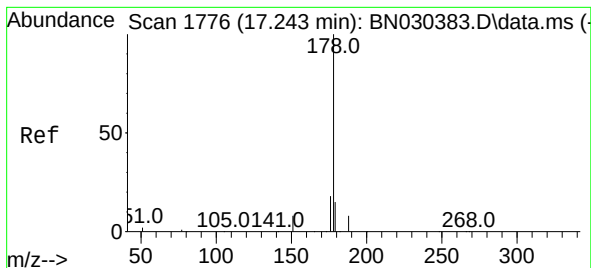
Tgt Ion:200 Resp: 801  
Ion Ratio Lower Upper  
200 100  
173 31.1 23.5 35.3  
215 53.7 41.3 61.9



#24  
Pentachlorophenol  
Concen: 0.600 ng  
RT: 16.697 min Scan# 1732  
Delta R.T. -0.000 min  
Lab File: BN030400.D  
Acq: 14 Mar 2024 16:35

Tgt Ion:266 Resp: 996  
Ion Ratio Lower Upper  
266 100  
264 65.1 50.9 76.3  
268 68.2 54.2 81.4





#25

Phenanthrene

Concen: 0.344 ng

RT: 17.094 min Scan# 1771

Delta R.T. 0.012 min

Lab File: BN030400.D

Acq: 14 Mar 2024 16:35

Instrument :

BNA\_N

ClientSampleId :

PB159518BSD

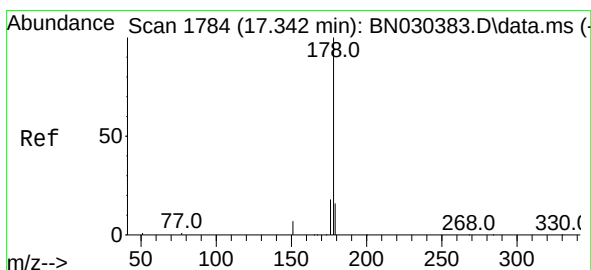
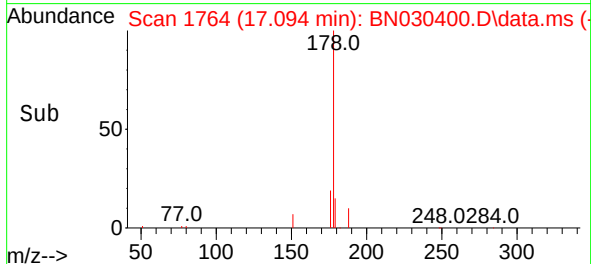
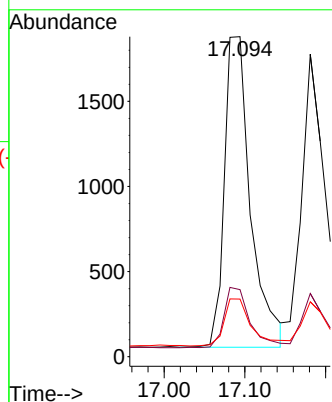
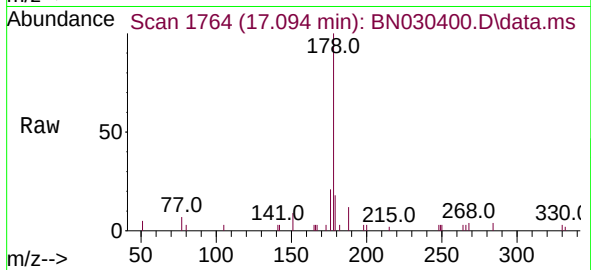
Tgt Ion:178 Resp: 4115

Ion Ratio Lower Upper

178 100

176 19.1 15.1 22.7

179 15.7 12.1 18.1



#26

Anthracene

Concen: 0.347 ng

RT: 17.181 min Scan# 1771

Delta R.T. -0.000 min

Lab File: BN030400.D

Acq: 14 Mar 2024 16:35

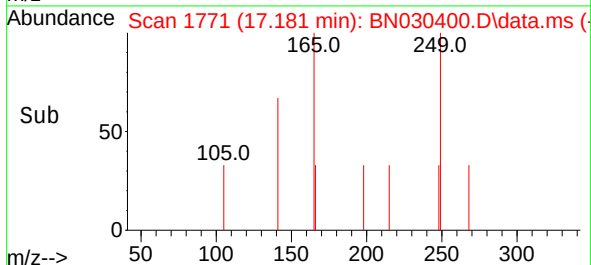
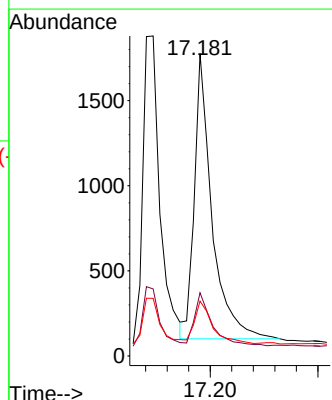
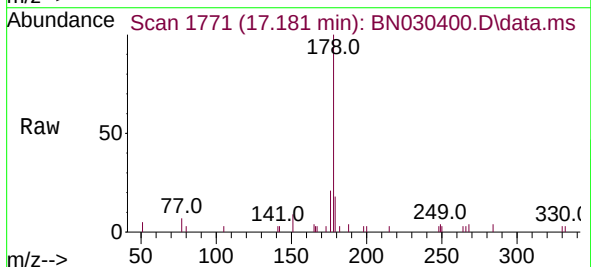
Tgt Ion:178 Resp: 3806

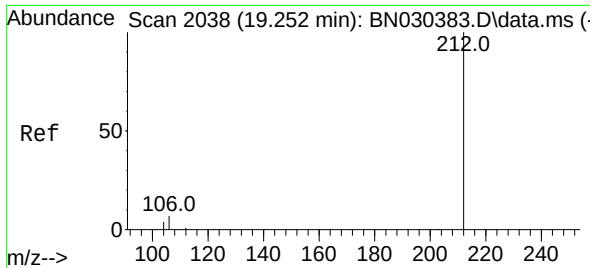
Ion Ratio Lower Upper

178 100

176 17.7 14.8 22.2

179 15.1 11.8 17.6

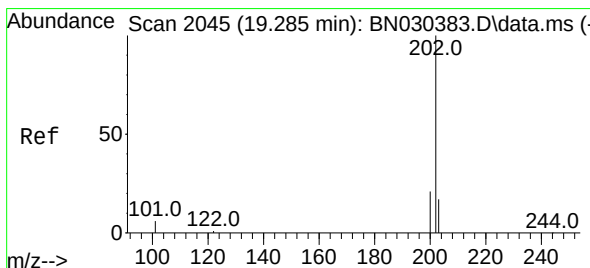
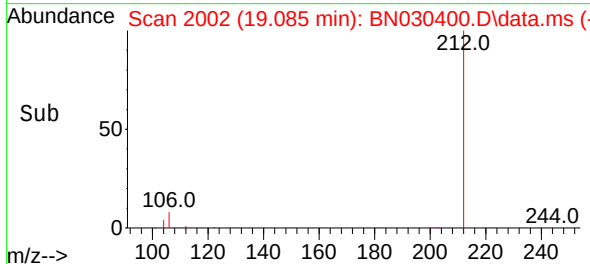
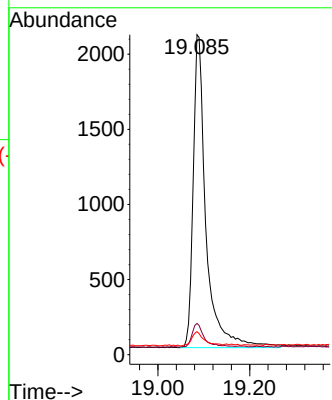
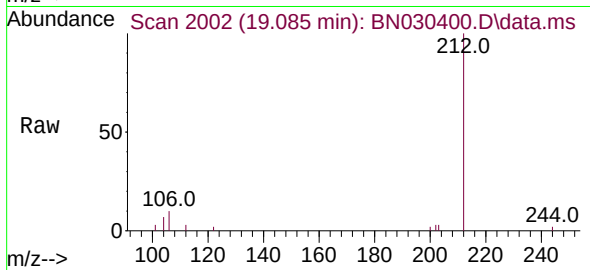




#27  
Fluoranthene-d10  
Concen: 0.310 ng  
RT: 19.085 min Scan# 2002  
Delta R.T. -0.000 min  
Lab File: BN030400.D  
Acq: 14 Mar 2024 16:35

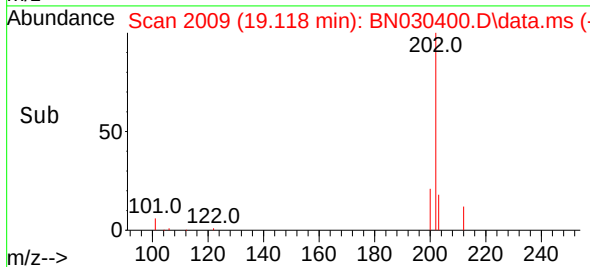
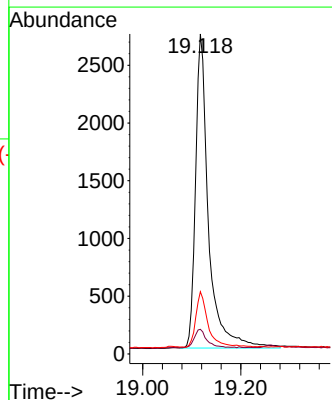
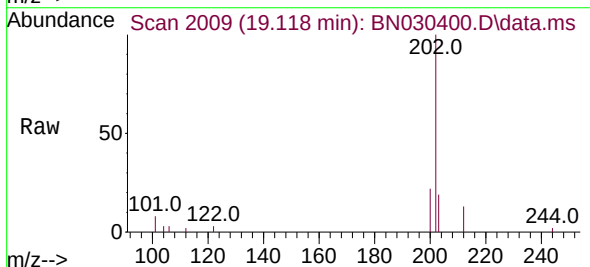
Instrument :  
BNA\_N  
ClientSampleId :  
PB159518BSD

Tgt Ion:212 Resp: 4035  
Ion Ratio Lower Upper  
212 100  
106 7.2 6.0 9.0  
104 4.3 3.4 5.0

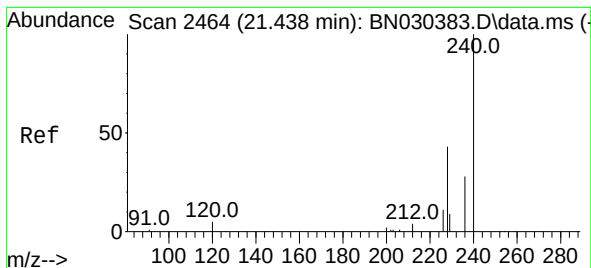


#28  
Fluoranthene  
Concen: 0.309 ng  
RT: 19.118 min Scan# 2009  
Delta R.T. -0.000 min  
Lab File: BN030400.D  
Acq: 14 Mar 2024 16:35

Tgt Ion:202 Resp: 4986  
Ion Ratio Lower Upper  
202 100  
101 5.7 4.6 6.8  
203 17.0 13.4 20.0







#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.250 min Scan# 2443

Delta R.T. -0.000 min

Lab File: BN030400.D

Acq: 14 Mar 2024 16:35

Instrument :

BNA\_N

ClientSampleId :

PB159518BSD

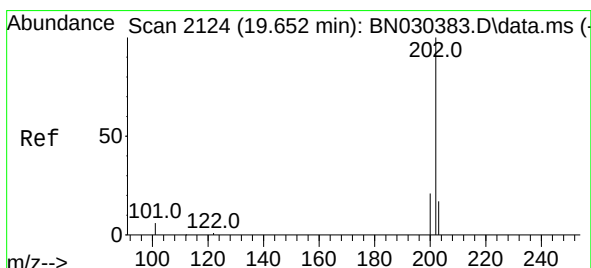
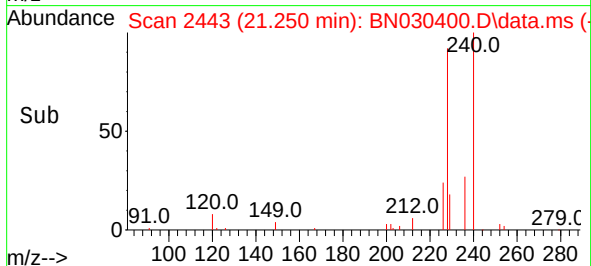
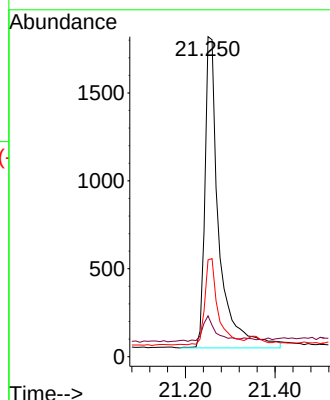
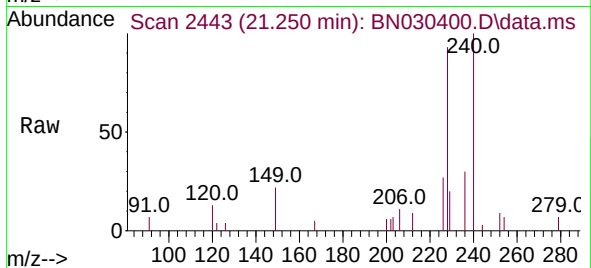
Tgt Ion:240 Resp: 3873

Ion Ratio Lower Upper

240 100

120 12.7 6.7 10.1#

236 30.2 23.8 35.8



#30

Pyrene

Concen: 0.358 ng

RT: 19.485 min Scan# 2088

Delta R.T. 0.005 min

Lab File: BN030400.D

Acq: 14 Mar 2024 16:35

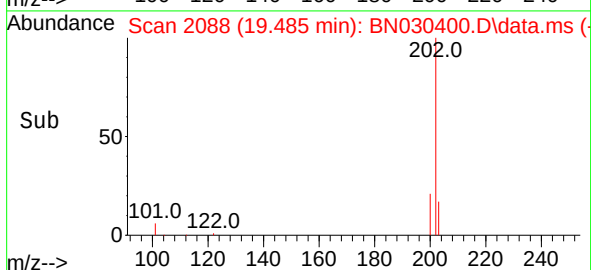
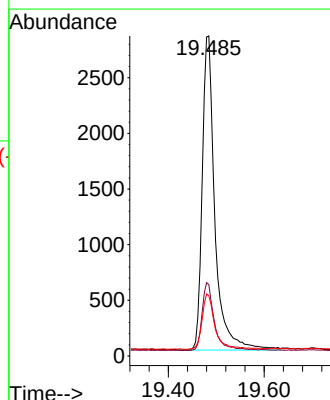
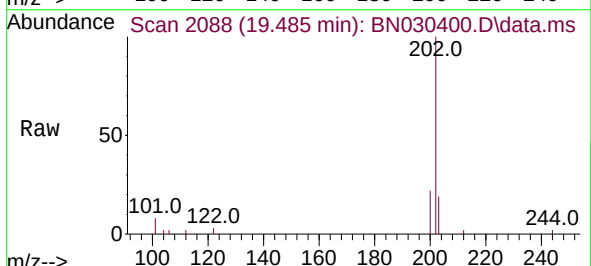
Tgt Ion:202 Resp: 5178

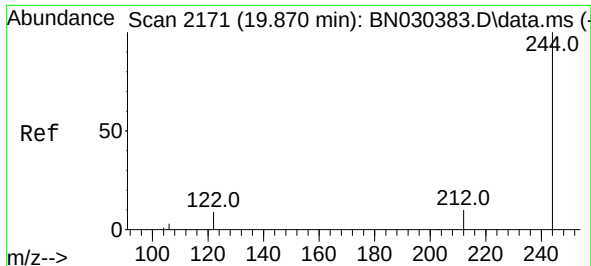
Ion Ratio Lower Upper

202 100

200 21.1 16.9 25.3

203 17.9 13.8 20.8

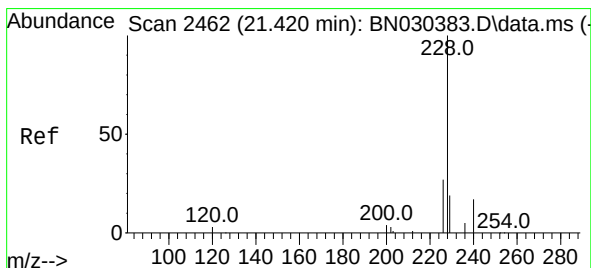
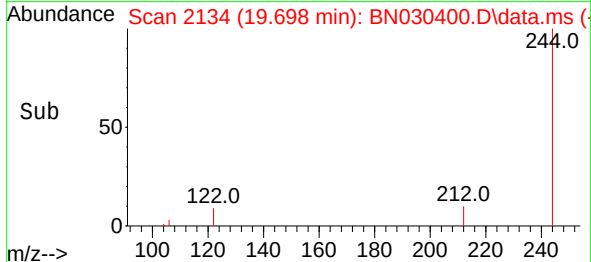
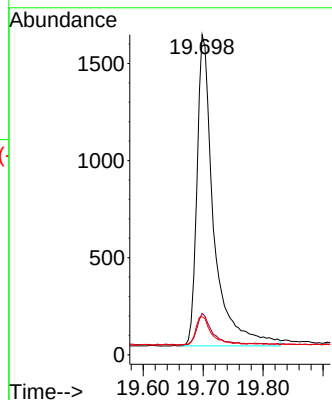
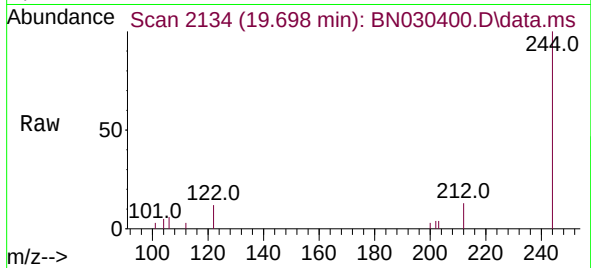




#31  
 Terphenyl-d14  
 Concen: 0.354 ng  
 RT: 19.698 min Scan# 2134  
 Delta R.T. -0.000 min  
 Lab File: BN030400.D  
 Acq: 14 Mar 2024 16:35

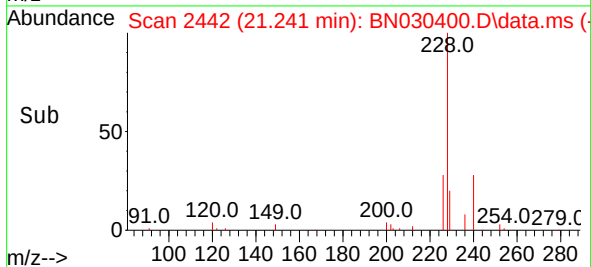
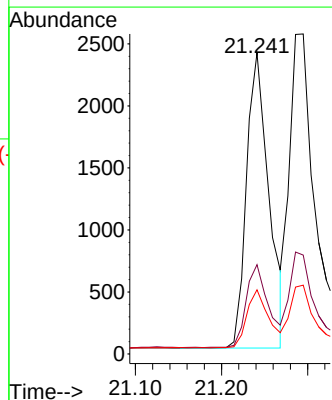
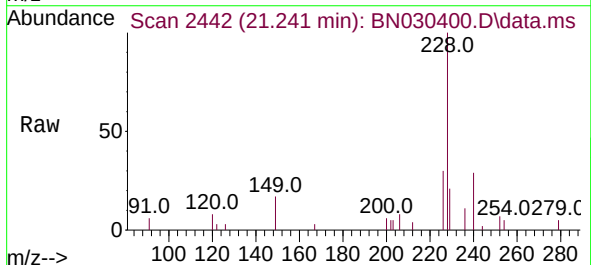
Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB159518BSD

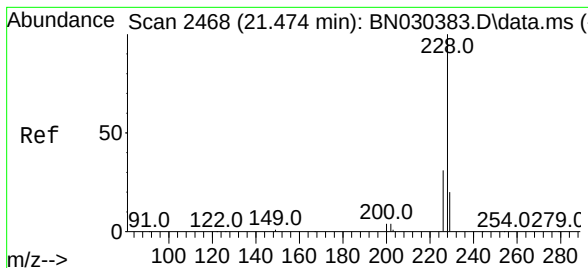
Tgt Ion:244 Resp: 3111  
 Ion Ratio Lower Upper  
 244 100  
 212 12.9 9.8 14.6  
 122 11.9 8.6 12.8



#32  
 Benzo(a)anthracene  
 Concen: 0.334 ng  
 RT: 21.241 min Scan# 2442  
 Delta R.T. -0.000 min  
 Lab File: BN030400.D  
 Acq: 14 Mar 2024 16:35

Tgt Ion:228 Resp: 4301  
 Ion Ratio Lower Upper  
 228 100  
 226 29.7 22.2 33.2  
 229 21.3 16.4 24.6





#33

Chrysene

Concen: 0.354 ng

RT: 21.295 min Scan# 2448

Delta R.T. 0.009 min

Lab File: BN030400.D

Acq: 14 Mar 2024 16:35

Instrument :

BNA\_N

ClientSampleId :

PB159518BSD

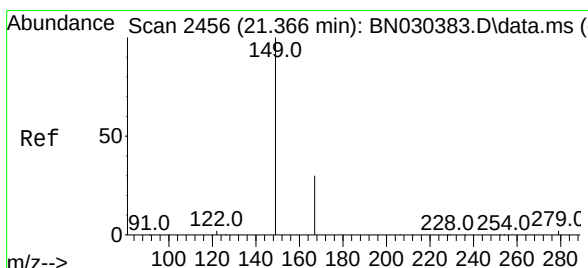
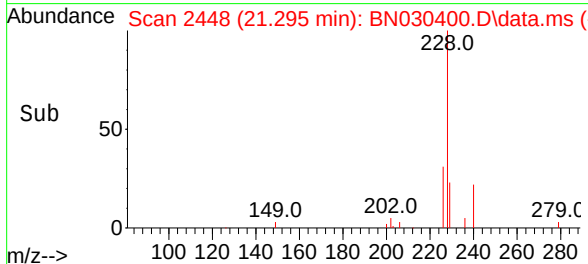
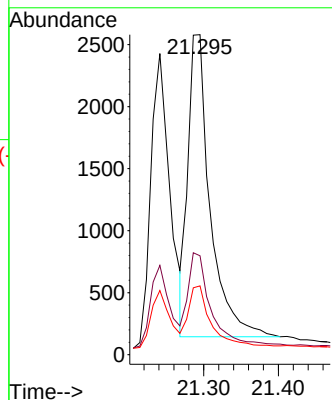
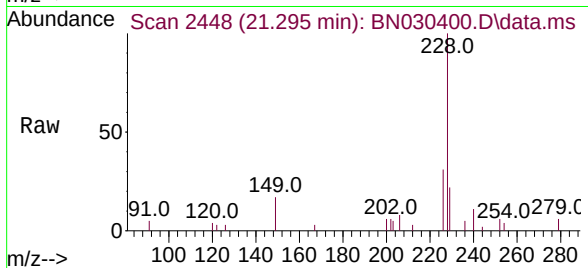
Tgt Ion:228 Resp: 5023

Ion Ratio Lower Upper

228 100

226 30.9 25.0 37.6

229 21.5 16.9 25.3



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.349 ng

RT: 21.187 min Scan# 2436

Delta R.T. -0.000 min

Lab File: BN030400.D

Acq: 14 Mar 2024 16:35

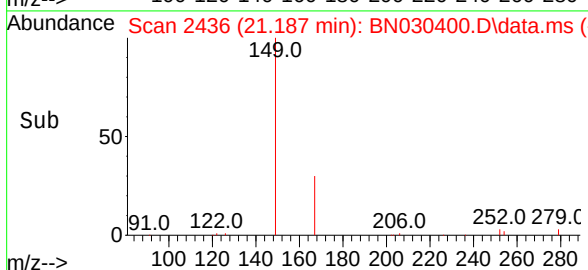
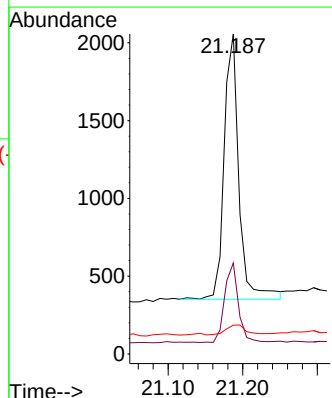
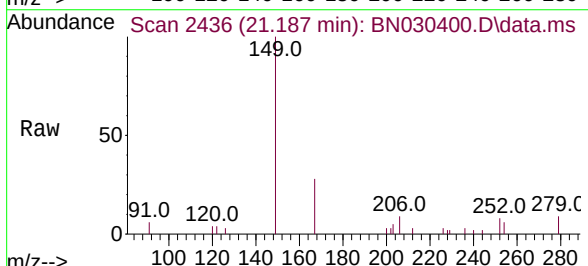
Tgt Ion:149 Resp: 2346

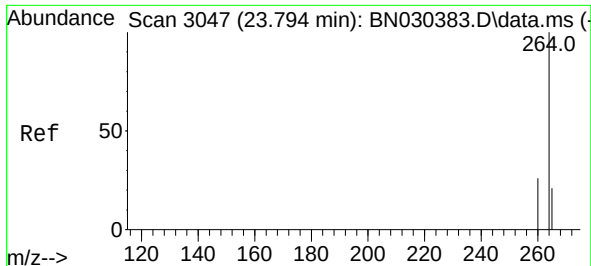
Ion Ratio Lower Upper

149 100

167 27.9 23.8 35.6

279 5.2 5.1 7.7

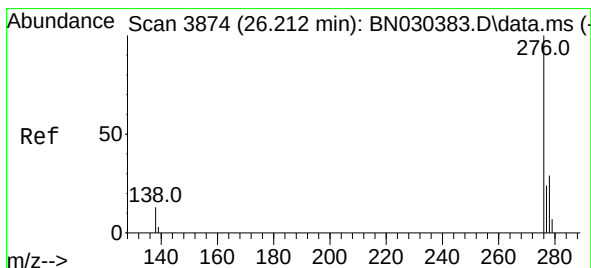
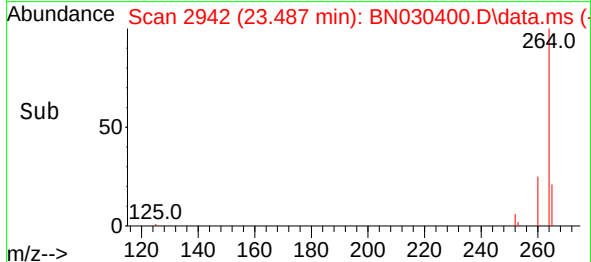
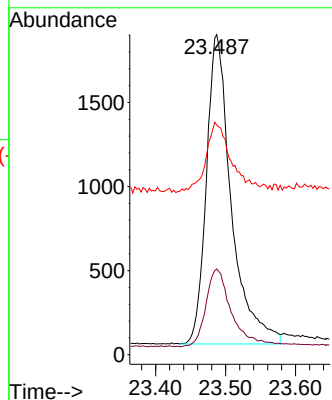
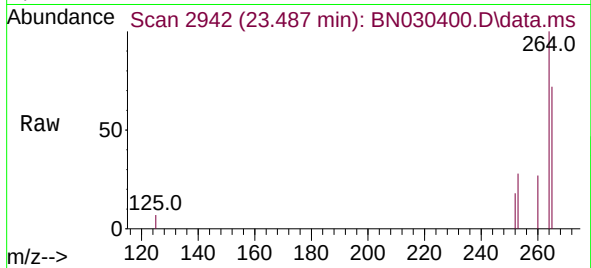




#35  
 Perylene-d12  
 Concen: 0.400 ng  
 RT: 23.487 min Scan# 20  
 Delta R.T. -0.003 min  
 Lab File: BN030400.D  
 Acq: 14 Mar 2024 16:35

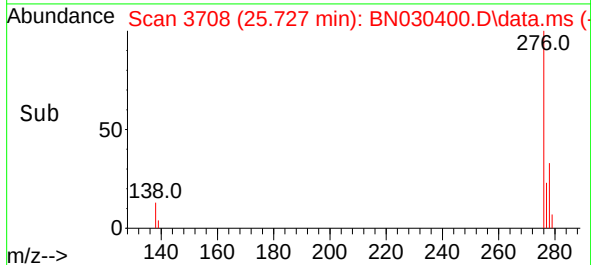
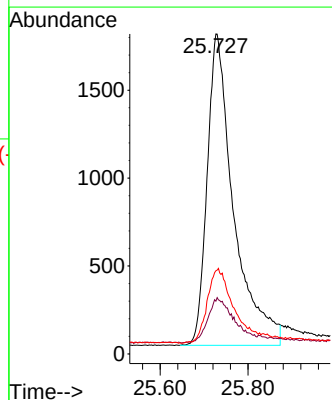
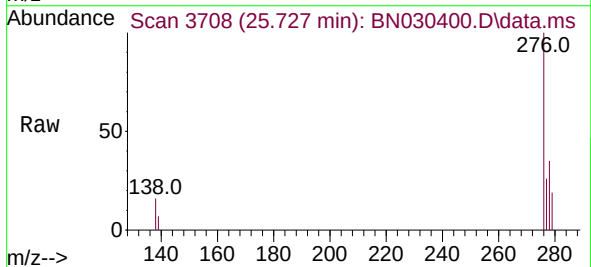
Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB159518BSD

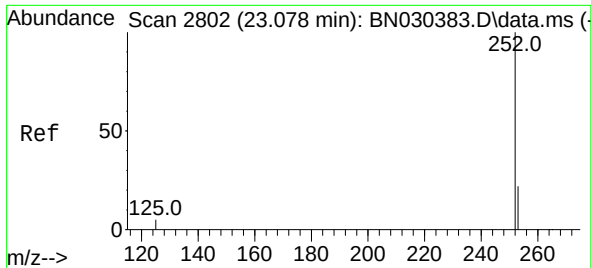
Tgt Ion:264 Resp: 4550  
 Ion Ratio Lower Upper  
 264 100  
 260 26.8 21.8 32.8  
 265 71.7 50.6 75.8



#36  
 Indeno(1,2,3-cd)pyrene  
 Concen: 0.382 ng  
 RT: 25.727 min Scan# 3708  
 Delta R.T. -0.012 min  
 Lab File: BN030400.D  
 Acq: 14 Mar 2024 16:35

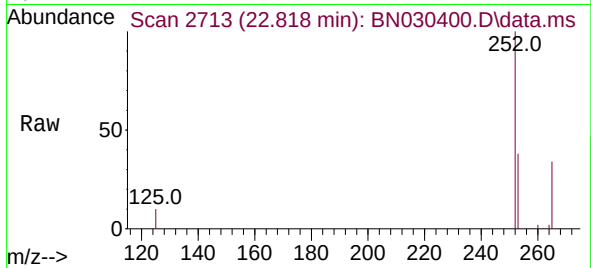
Tgt Ion:276 Resp: 7405  
 Ion Ratio Lower Upper  
 276 100  
 138 14.5 5.1 7.7#  
 277 23.9 18.4 27.6



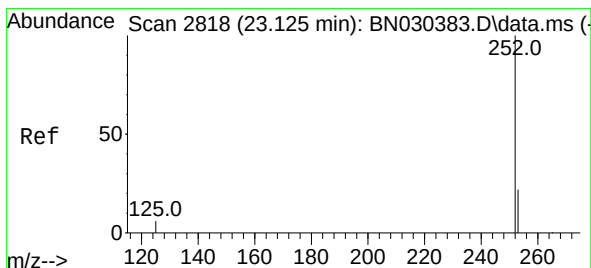
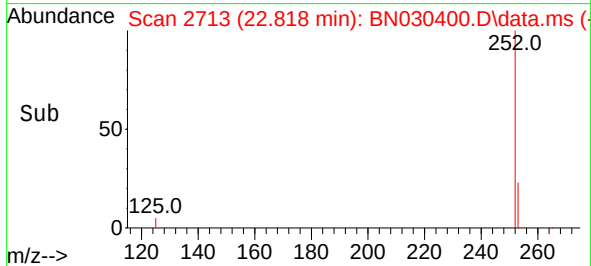
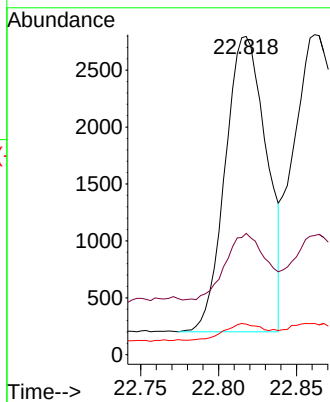


#37  
Benzo(b)fluoranthene  
Concen: 0.323 ng  
RT: 22.818 min Scan# 21  
Delta R.T. -0.003 min  
Lab File: BN030400.D  
Acq: 14 Mar 2024 16:35

Instrument :  
BNA\_N  
ClientSampleId :  
PB159518BSD

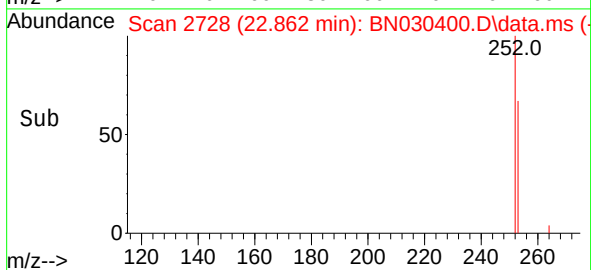
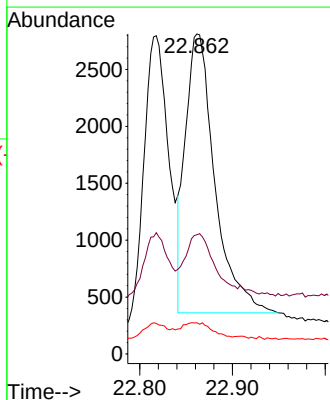
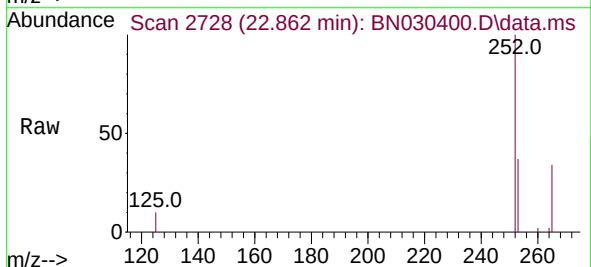


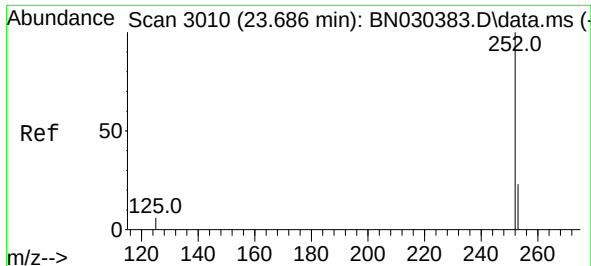
Tgt Ion:252 Resp: 4788  
Ion Ratio Lower Upper  
252 100  
253 38.1 26.7 40.1  
125 9.6 6.8 10.2



#38  
Benzo(k)fluoranthene  
Concen: 0.362 ng  
RT: 22.862 min Scan# 2728  
Delta R.T. -0.003 min  
Lab File: BN030400.D  
Acq: 14 Mar 2024 16:35

Tgt Ion:252 Resp: 5432  
Ion Ratio Lower Upper  
252 100  
253 37.3 26.6 39.8  
125 9.8 7.2 10.8





#39

Benzo(a)pyrene

Concen: 0.384 ng

RT: 23.388 min Scan# 2908

Delta R.T. -0.009 min

Lab File: BN030400.D

Acq: 14 Mar 2024 16:35

Instrument :

BNA\_N

ClientSampleId :

PB159518BSD

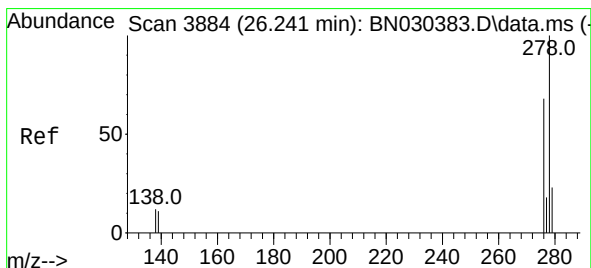
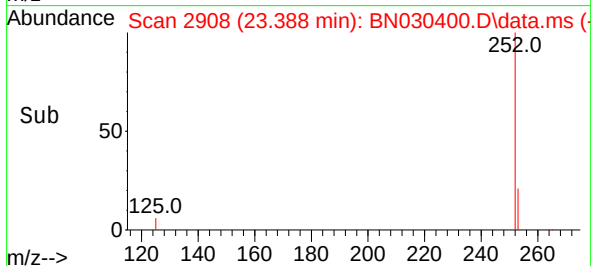
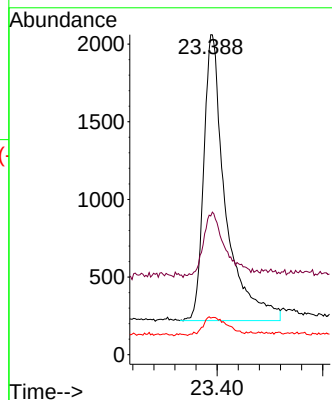
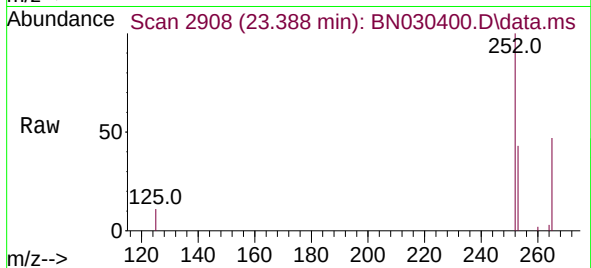
Tgt Ion:252 Resp: 5298

Ion Ratio Lower Upper

252 100

253 43.3 31.5 47.3

125 11.5 8.6 12.8



#40

Dibenzo(a,h)anthracene

Concen: 0.358 ng

RT: 25.753 min Scan# 3717

Delta R.T. -0.003 min

Lab File: BN030400.D

Acq: 14 Mar 2024 16:35

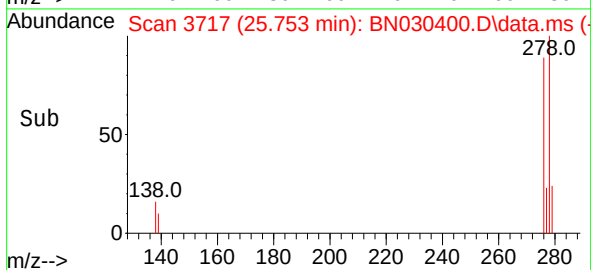
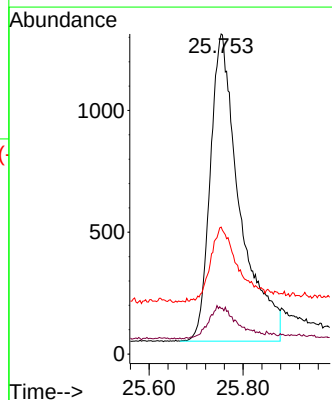
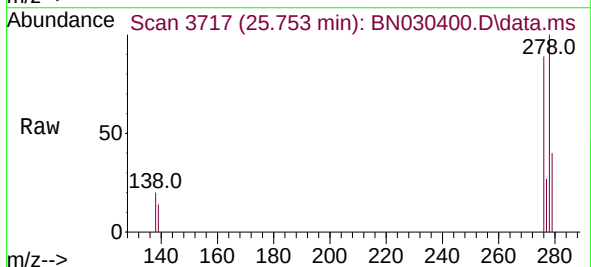
Tgt Ion:278 Resp: 5487

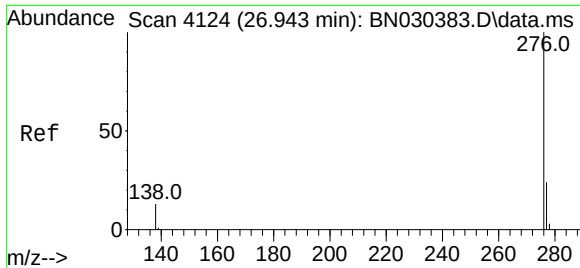
Ion Ratio Lower Upper

278 100

139 14.2 11.8 17.6

279 39.6 27.8 41.8





#41  
 Benzo(g,h,i)perylene  
 Concen: 0.358 ng  
 RT: 26.405 min Scan# 3940  
 Delta R.T. -0.009 min  
 Lab File: BN030400.D  
 Acq: 14 Mar 2024 16:35

Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB159518BSD

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 276   | Resp: | 6475 |
| Ion Ratio | Lower | Upper |      |
| 276       | 100   |       |      |
| 277       | 25.7  | 20.9  | 31.3 |
| 138       | 16.5  | 13.0  | 19.4 |

