

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN031424\  
 Data File : BN030399.D  
 Acq On : 14 Mar 2024 15:59  
 Operator : MA/JU  
 Sample : PB159518BS  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB159518BS

Quant Time: Mar 14 16:50:48 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

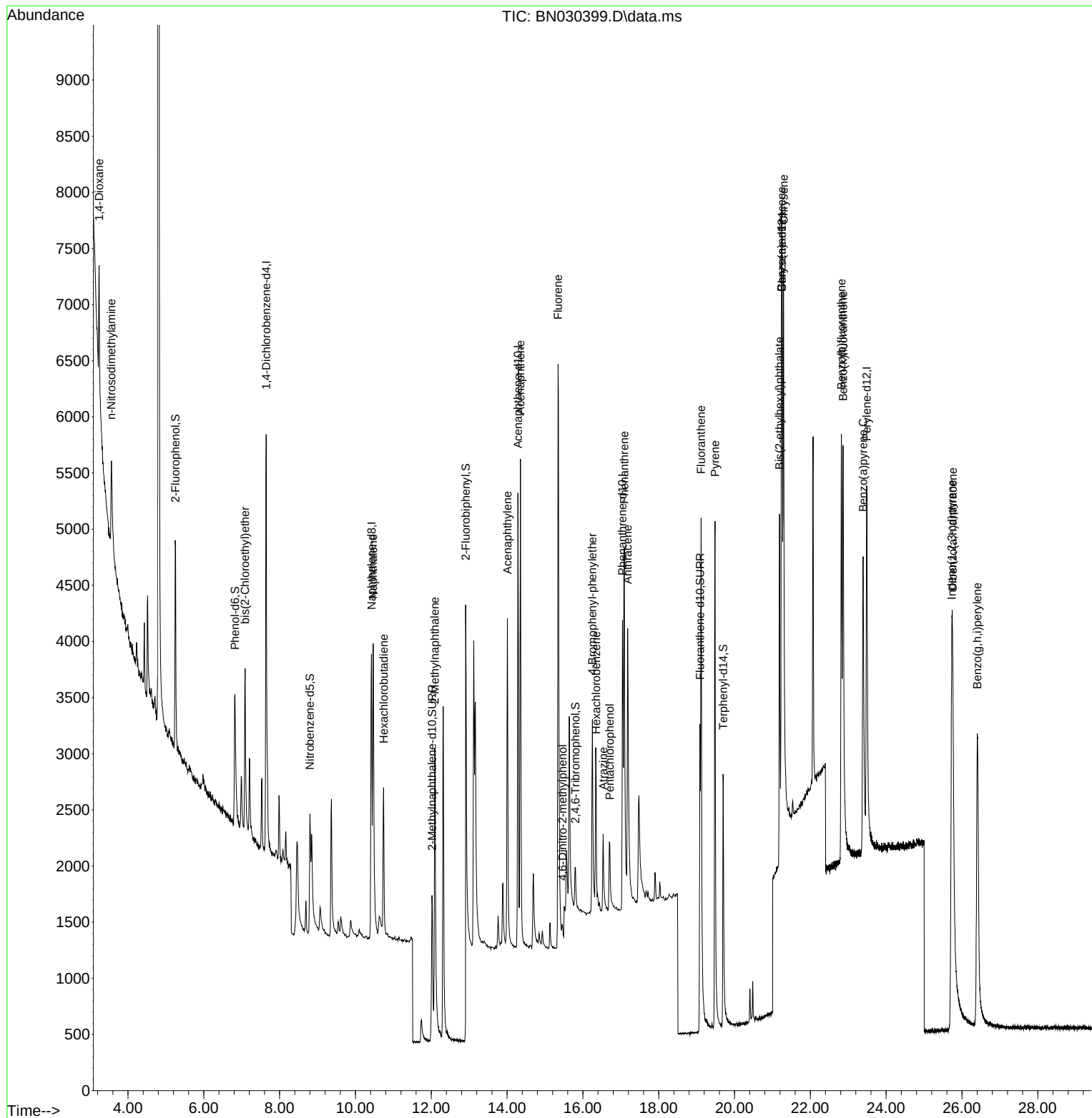
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.645  | 152  | 2079     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.423 | 136  | 4785     | 0.400 | ng    | # 0.00   |
| 13) Acenaphthene-d10          | 14.287 | 164  | 2590     | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.044 | 188  | 5102     | 0.400 | ng    | 0.00     |
| 29) Chrysene-d12              | 21.250 | 240  | 4397     | 0.400 | ng    | # 0.00   |
| 35) Perylene-d12              | 23.487 | 264  | 5459     | 0.400 | ng    | 0.00     |
|                               |        |      |          |       |       |          |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.254  | 112  | 1654     | 0.306 | ng    | 0.00     |
| 5) Phenol-d6                  | 6.822  | 99   | 1548     | 0.293 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 8.801  | 82   | 1449     | 0.330 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 12.019 | 152  | 3125     | 0.421 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.803 | 330  | 339      | 0.225 | ng    | 0.01     |
| 15) 2-Fluorobiphenyl          | 12.907 | 172  | 2871     | 0.275 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.090 | 212  | 4630     | 0.313 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.698 | 244  | 3605     | 0.361 | ng    | 0.00     |
|                               |        |      |          |       |       |          |
| Target Compounds              |        |      |          |       |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.239  | 88   | 754      | 0.261 | ng    | # 65     |
| 3) n-Nitrosodimethylamine     | 3.557  | 42   | 839      | 0.317 | ng    | # 96     |
| 6) bis(2-Chloroethyl)ether    | 7.089  | 93   | 1326     | 0.313 | ng    | 98       |
| 9) Naphthalene                | 10.466 | 128  | 4179     | 0.327 | ng    | 99       |
| 10) Hexachlorobutadiene       | 10.744 | 225  | 1178     | 0.297 | ng    | # 98     |
| 12) 2-Methylnaphthalene       | 12.095 | 142  | 2640     | 0.320 | ng    | 97       |
| 16) Acenaphthylene            | 14.009 | 152  | 3897     | 0.344 | ng    | 99       |
| 17) Acenaphthene              | 14.351 | 154  | 2397     | 0.323 | ng    | 98       |
| 18) Fluorene                  | 15.345 | 166  | 3135     | 0.341 | ng    | 99       |
| 20) 4,6-Dinitro-2-methylph... | 15.463 | 198  | 235      | 0.362 | ng    | # 71     |
| 21) 4-Bromophenyl-phenylether | 16.250 | 248  | 949      | 0.315 | ng    | # 92     |
| 22) Hexachlorobenzene         | 16.349 | 284  | 1211     | 0.337 | ng    | 98       |
| 23) Atrazine                  | 16.536 | 200  | 870      | 0.321 | ng    | 96       |
| 24) Pentachlorophenol         | 16.709 | 266  | 556      | 0.295 | ng    | 94       |
| 25) Phenanthrene              | 17.094 | 178  | 4517     | 0.333 | ng    | 99       |
| 26) Anthracene                | 17.181 | 178  | 3964     | 0.319 | ng    | 99       |
| 28) Fluoranthene              | 19.118 | 202  | 5401     | 0.295 | ng    | # 99     |
| 30) Pyrene                    | 19.485 | 202  | 5616     | 0.342 | ng    | 99       |
| 32) Benzo(a)anthracene        | 21.241 | 228  | 4806     | 0.329 | ng    | 98       |
| 33) Chrysene                  | 21.295 | 228  | 5572     | 0.346 | ng    | 99       |
| 34) Bis(2-ethylhexyl)phtha... | 21.188 | 149  | 2715     | 0.356 | ng    | # 98     |
| 36) Indeno(1,2,3-cd)pyrene    | 25.730 | 276  | 8030     | 0.345 | ng    | # 93     |
| 37) Benzo(b)fluoranthene      | 22.818 | 252  | 5452     | 0.306 | ng    | 95       |
| 38) Benzo(k)fluoranthene      | 22.865 | 252  | 5950     | 0.330 | ng    | 94       |
| 39) Benzo(a)pyrene            | 23.391 | 252  | 5739     | 0.347 | ng    | # 92     |
| 40) Dibenzo(a,h)anthracene    | 25.753 | 278  | 6142     | 0.334 | ng    | 93       |
| 41) Benzo(g,h,i)perylene      | 26.405 | 276  | 7134     | 0.329 | ng    | 97       |
| -----                         |        |      |          |       |       |          |

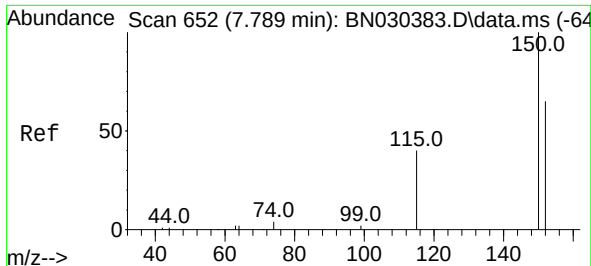
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN031424\  
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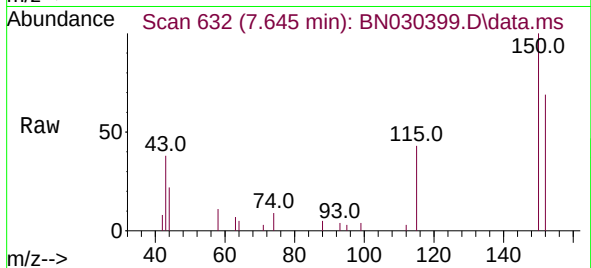
Quant Time: Mar 14 16:50:48 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN031324.M  
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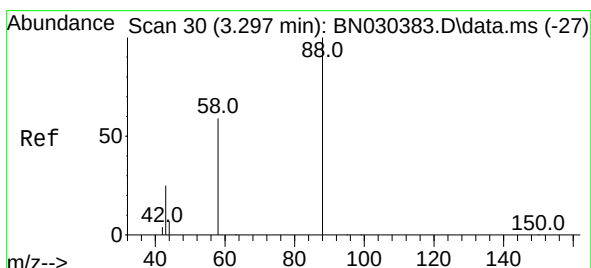
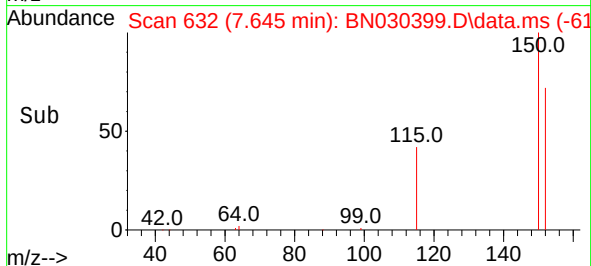
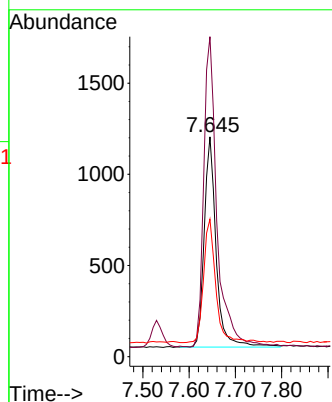
#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 7.645 min Scan# 61  
 Delta R.T. 0.007 min  
 Lab File: BN030399.D  
 Acq: 14 Mar 2024 15:59

Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB159518BS



Tgt Ion: 152 Resp: 2079

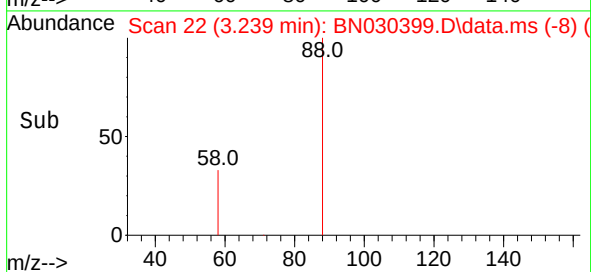
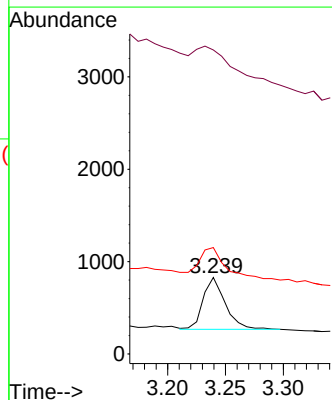
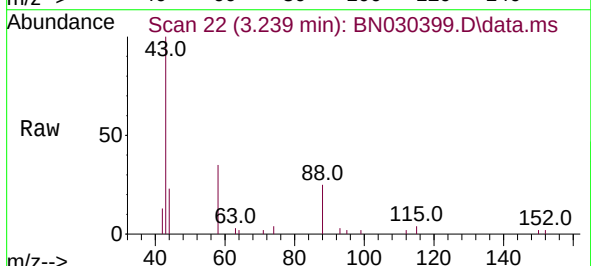
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 152 | 100   |       |       |
| 150 | 145.5 | 120.4 | 180.6 |
| 115 | 62.5  | 52.8  | 79.2  |

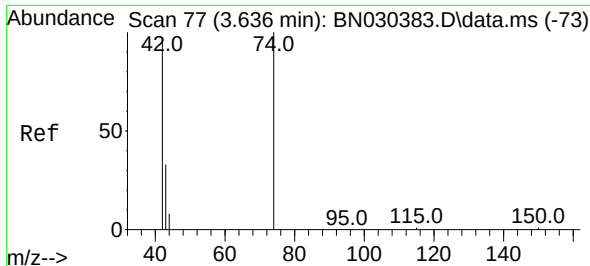


#2  
 1,4-Dioxane  
 Concen: 0.261 ng  
 RT: 3.239 min Scan# 22  
 Delta R.T. -0.000 min  
 Lab File: BN030399.D  
 Acq: 14 Mar 2024 15:59

Tgt Ion: 88 Resp: 754

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 88  | 100   |       |       |
| 43  | 0.0   | 23.4  | 35.0# |
| 58  | 75.7  | 46.1  | 69.1# |





#3

n-Nitrosodimethylamine

Concen: 0.317 ng

RT: 3.557 min Scan# 61

Delta R.T. -0.007 min

Lab File: BN030399.D

Acq: 14 Mar 2024 15:59

Instrument :

BNA\_N

ClientSampleId :

PB159518BS

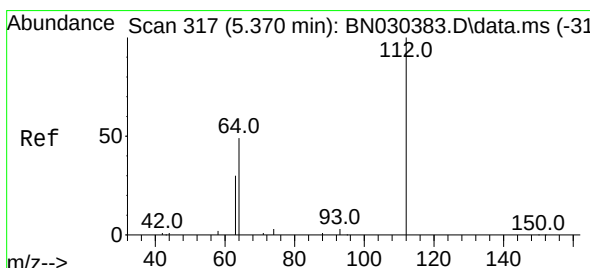
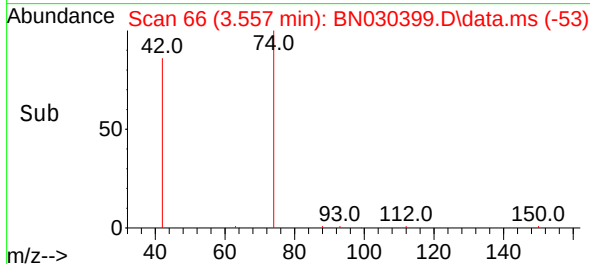
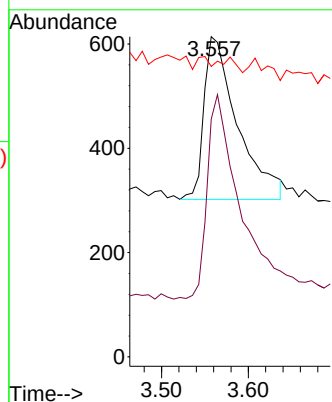
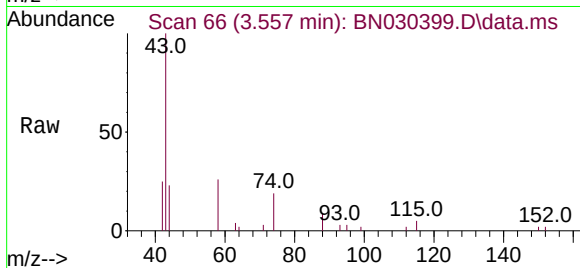
Tgt Ion: 42 Resp: 839

Ion Ratio Lower Upper

42 100

74 122.5 95.4 143.0

44 2.7 6.6 10.0#



#4

2-Fluorophenol

Concen: 0.306 ng

RT: 5.254 min Scan# 301

Delta R.T. 0.007 min

Lab File: BN030399.D

Acq: 14 Mar 2024 15:59

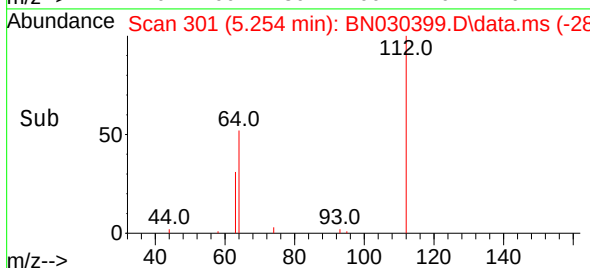
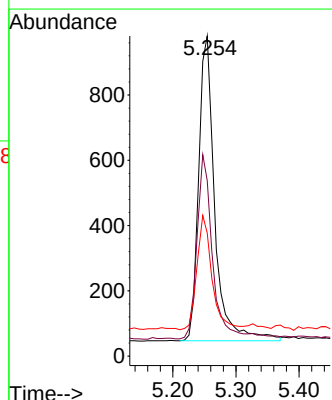
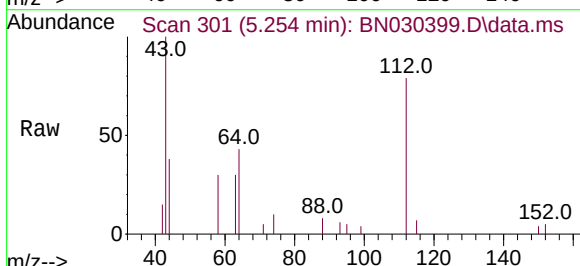
Tgt Ion: 112 Resp: 1654

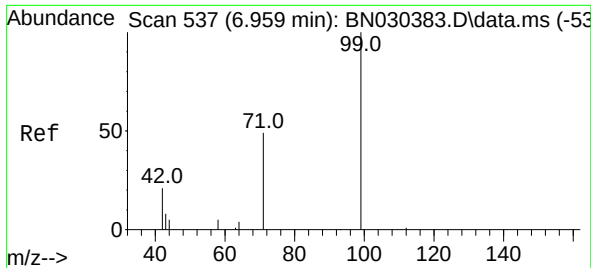
Ion Ratio Lower Upper

112 100

64 59.2 45.6 68.4

63 34.6 28.2 42.4





#5

Phenol-d6

Concen: 0.293 ng

RT: 6.822 min Scan# 51

Delta R.T. 0.007 min

Lab File: BN030399.D

Acq: 14 Mar 2024 15:59

Instrument :

BNA\_N

ClientSampleId :

PB159518BS

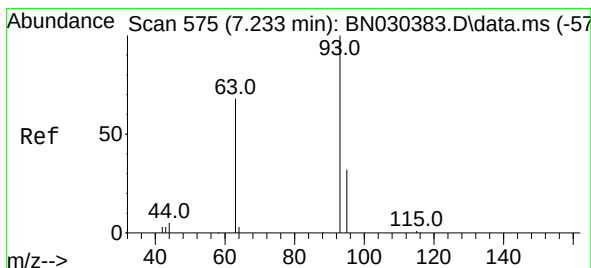
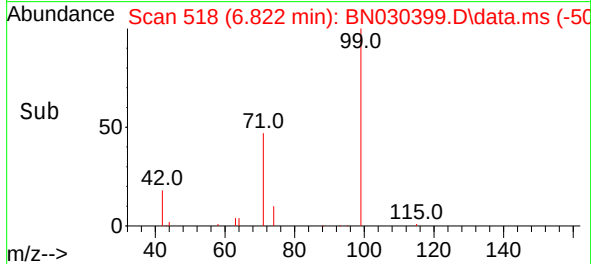
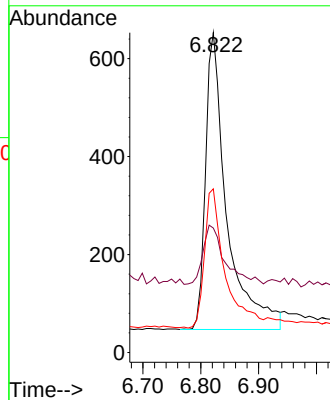
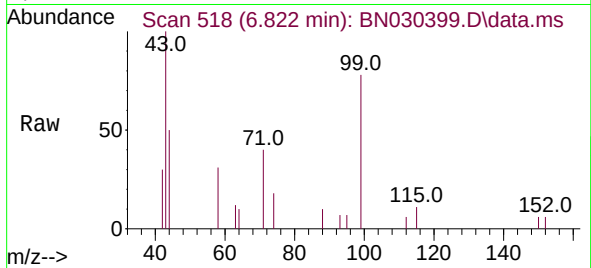
Tgt Ion: 99 Resp: 1548

Ion Ratio Lower Upper

99 100

42 20.0 17.0 25.6

71 44.9 37.0 55.6



#6

bis(2-Chloroethyl)ether

Concen: 0.313 ng

RT: 7.089 min Scan# 555

Delta R.T. -0.000 min

Lab File: BN030399.D

Acq: 14 Mar 2024 15:59

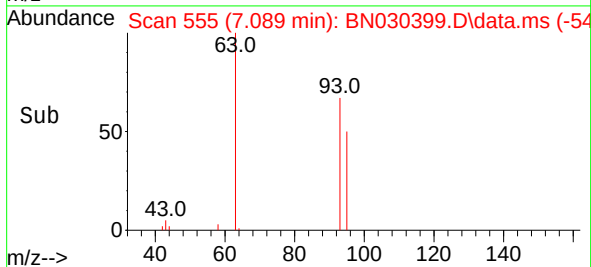
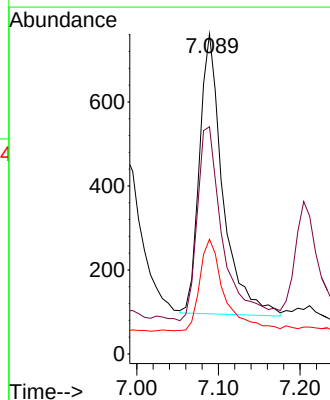
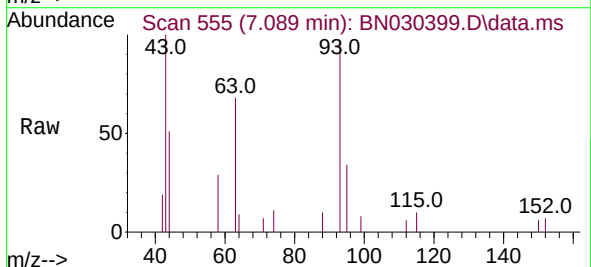
Tgt Ion: 93 Resp: 1326

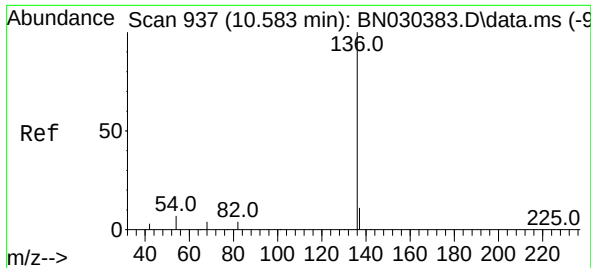
Ion Ratio Lower Upper

93 100

63 75.7 58.9 88.3

95 34.4 27.3 40.9

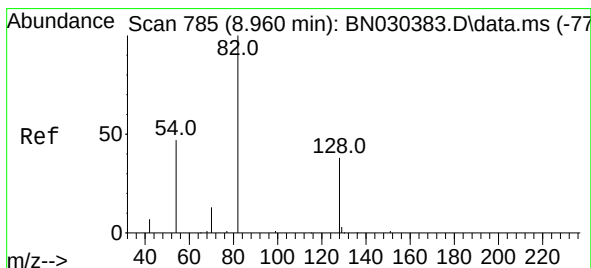
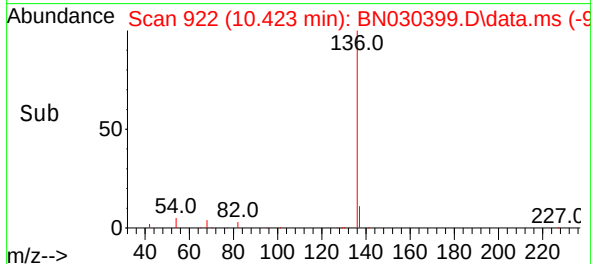
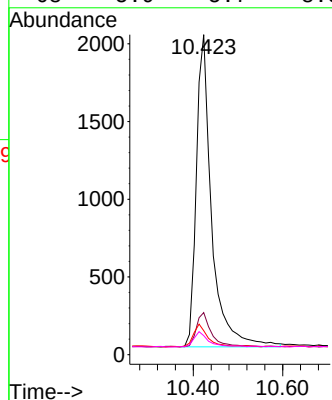
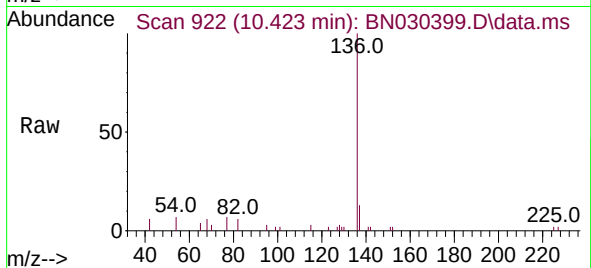




#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.423 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: BN030399.D  
Acq: 14 Mar 2024 15:59

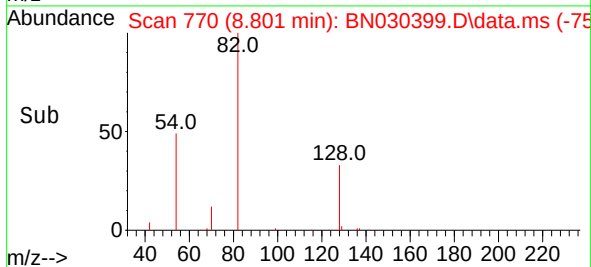
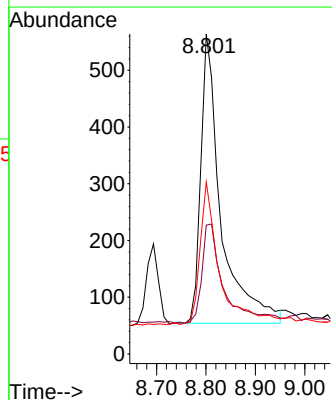
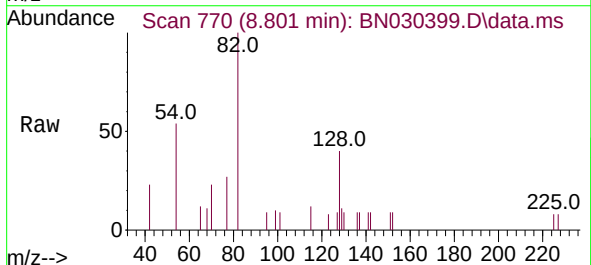
Instrument :  
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ClientSampleId :  
PB159518BS

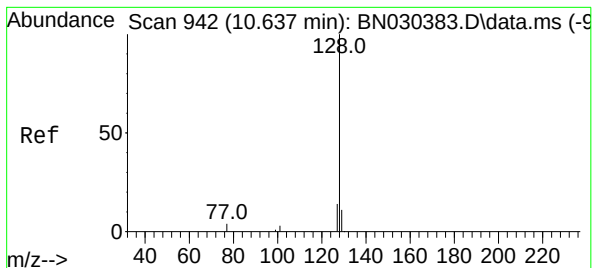
|             |       |             |
|-------------|-------|-------------|
| Tgt Ion:136 | Resp: | 4785        |
| Ion         | Ratio | Lower Upper |
| 136         | 100   |             |
| 137         | 13.2  | 11.0 16.6   |
| 54          | 7.5   | 7.8 11.8    |
| 68          | 5.9   | 5.7 8.5     |



#8  
Nitrobenzene-d5  
Concen: 0.330 ng  
RT: 8.801 min Scan# 770  
Delta R.T. -0.000 min  
Lab File: BN030399.D  
Acq: 14 Mar 2024 15:59

|             |       |             |
|-------------|-------|-------------|
| Tgt Ion: 82 | Resp: | 1449        |
| Ion         | Ratio | Lower Upper |
| 82          | 100   |             |
| 128         | 40.2  | 35.2 52.8   |
| 54          | 53.7  | 41.5 62.3   |





#9

Naphthalene

Concen: 0.327 ng

RT: 10.466 min Scan# 91

Delta R.T. -0.000 min

Lab File: BN030399.D

Acq: 14 Mar 2024 15:59

Instrument :

BNA\_N

ClientSampleId :

PB159518BS

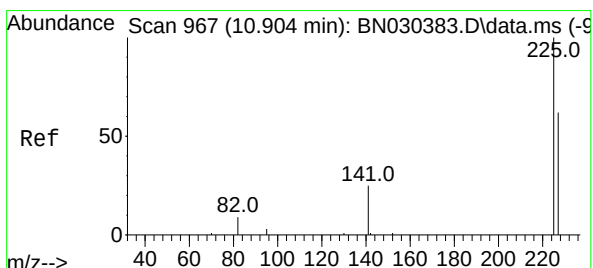
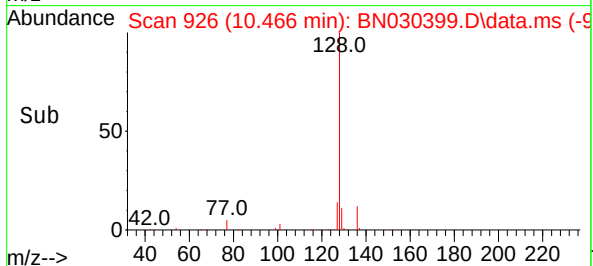
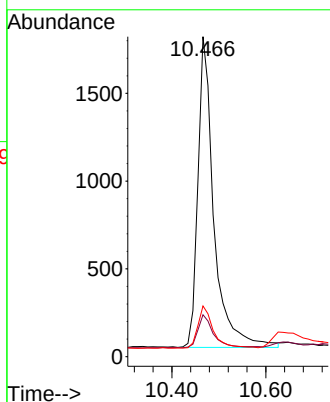
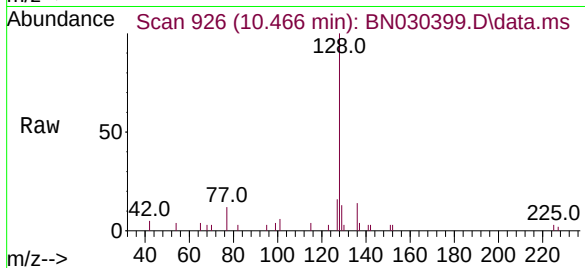
Tgt Ion:128 Resp: 4179

Ion Ratio Lower Upper

128 100

129 13.1 10.8 16.2

127 15.9 12.9 19.3



#10

Hexachlorobutadiene

Concen: 0.297 ng

RT: 10.744 min Scan# 952

Delta R.T. -0.000 min

Lab File: BN030399.D

Acq: 14 Mar 2024 15:59

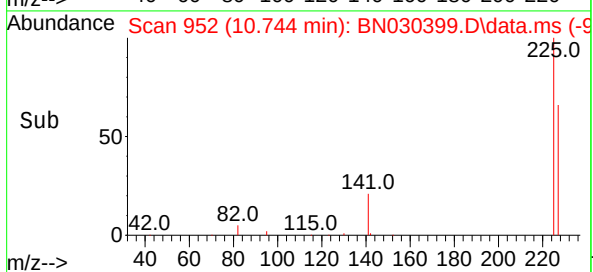
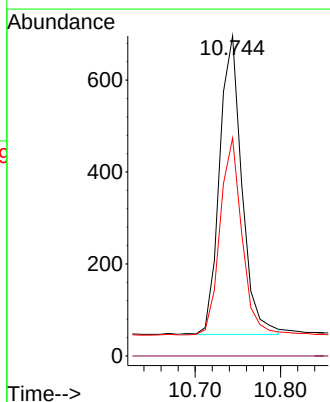
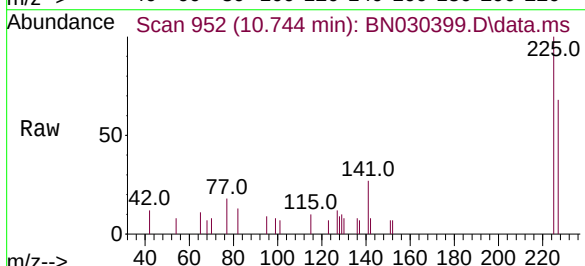
Tgt Ion:225 Resp: 1178

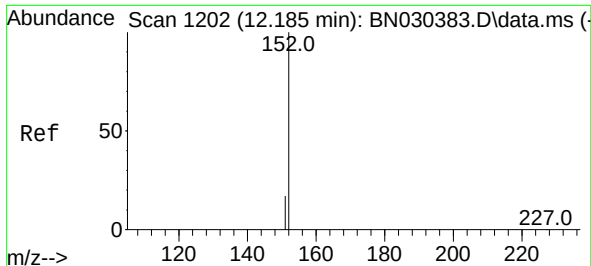
Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

227 64.3 50.5 75.7





#11

2-Methylnaphthalene-d10

Concen: 0.421 ng

RT: 12.019 min Scan# 1178

Delta R.T. -0.004 min

Lab File: BN030399.D

Acq: 14 Mar 2024 15:59

Instrument :

BNA\_N

ClientSampleId :

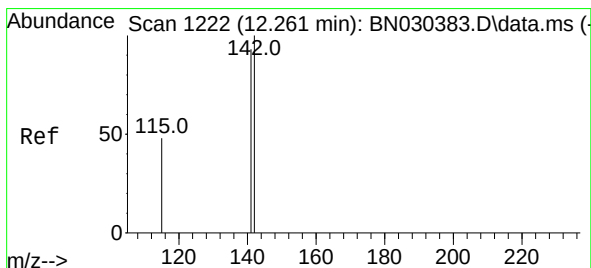
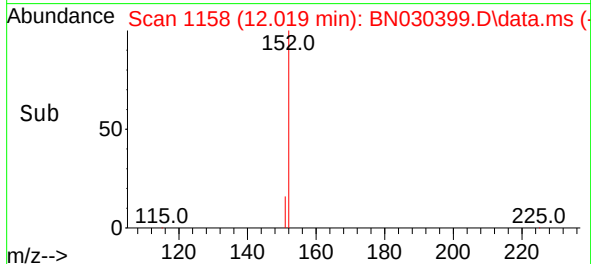
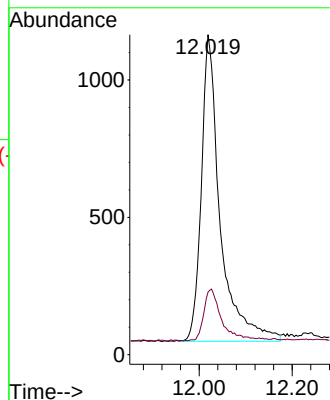
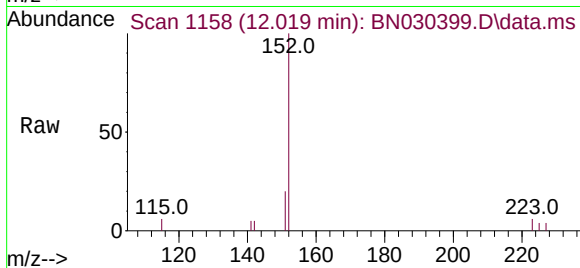
PB159518BS

Tgt Ion:152 Resp: 3125

Ion Ratio Lower Upper

152 100

151 16.0 15.8 23.8



#12

2-Methylnaphthalene

Concen: 0.320 ng

RT: 12.095 min Scan# 1178

Delta R.T. -0.000 min

Lab File: BN030399.D

Acq: 14 Mar 2024 15:59

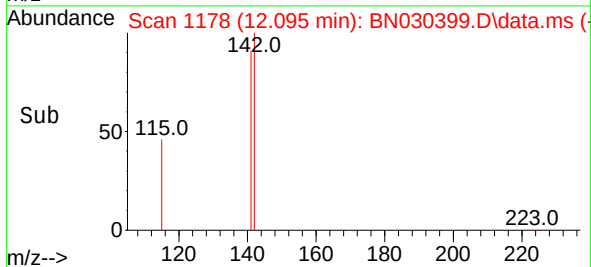
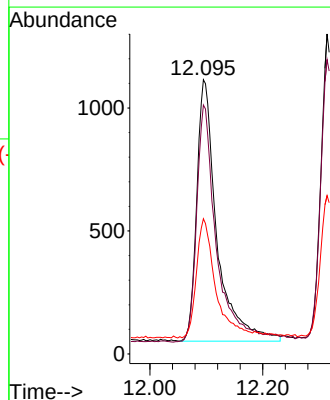
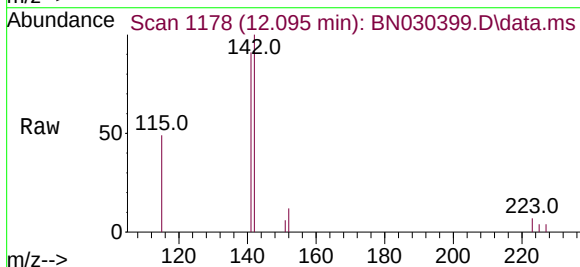
Tgt Ion:142 Resp: 2640

Ion Ratio Lower Upper

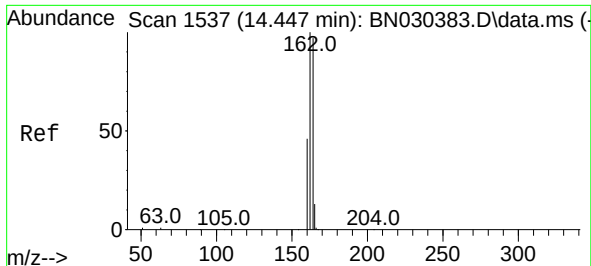
142 100

141 90.8 74.2 111.4

115 49.3 41.4 62.0



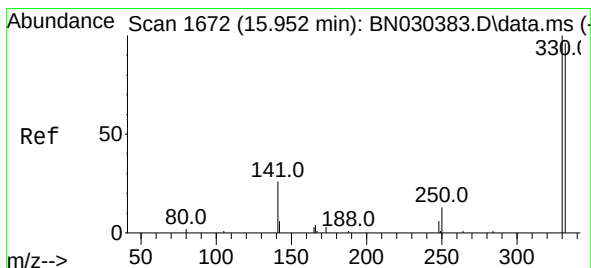
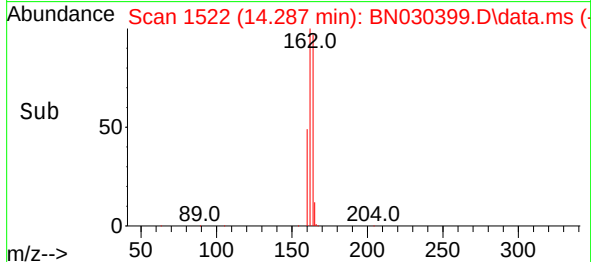
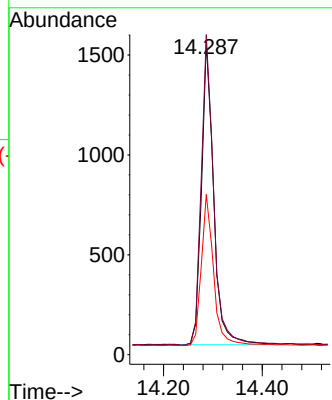
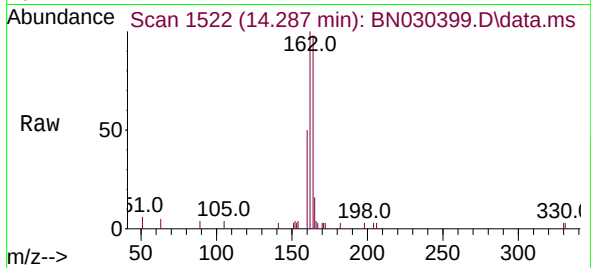




#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.287 min Scan# 1537  
Delta R.T. -0.000 min  
Lab File: BN030399.D  
Acq: 14 Mar 2024 15:59

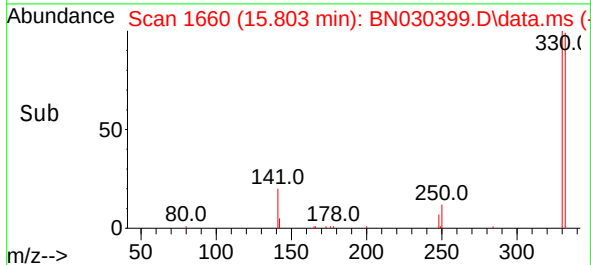
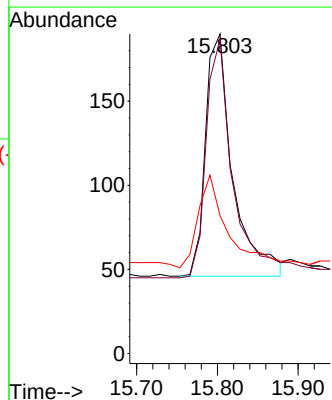
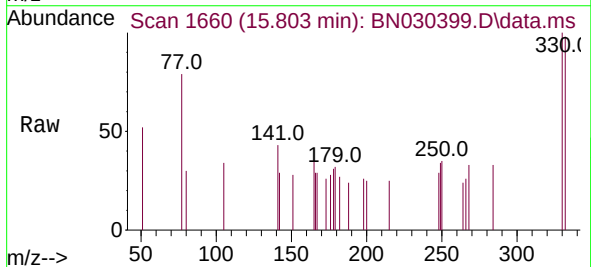
Instrument :  
BNA\_N  
ClientSampleId :  
PB159518BS

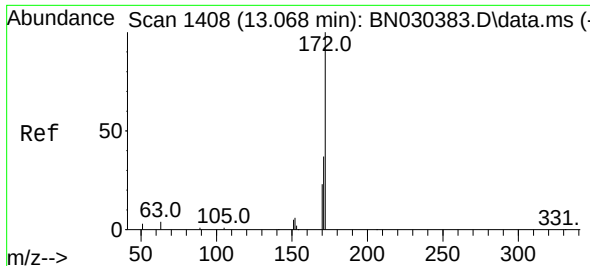
Tgt Ion:164 Resp: 2590  
Ion Ratio Lower Upper  
164 100  
162 102.5 82.6 124.0  
160 51.3 39.5 59.3



#14  
2,4,6-Tribromophenol  
Concen: 0.225 ng  
RT: 15.803 min Scan# 1660  
Delta R.T. 0.012 min  
Lab File: BN030399.D  
Acq: 14 Mar 2024 15:59

Tgt Ion:330 Resp: 339  
Ion Ratio Lower Upper  
330 100  
332 96.2 77.2 115.8  
141 41.3 31.4 47.2





#15

2-Fluorobiphenyl

Concen: 0.275 ng

RT: 12.907 min Scan# 1496

Delta R.T. -0.000 min

Lab File: BN030399.D

Acq: 14 Mar 2024 15:59

Instrument :

BNA\_N

ClientSampleId :

PB159518BS

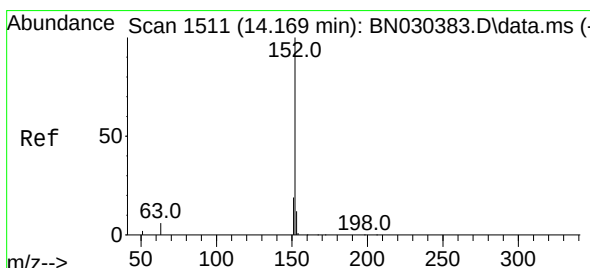
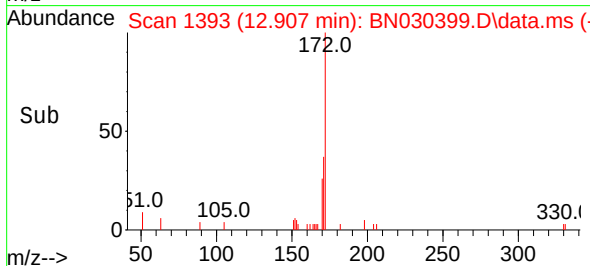
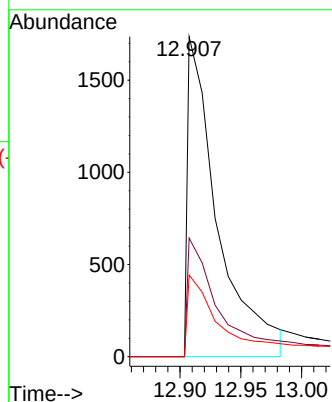
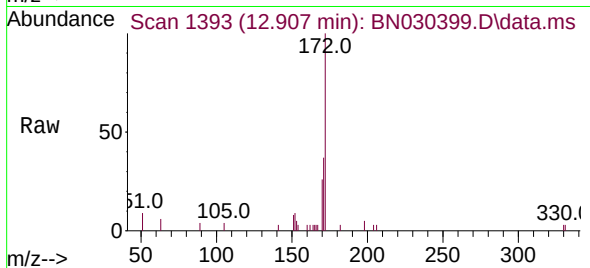
Tgt Ion:172 Resp: 2871

Ion Ratio Lower Upper

172 100

171 37.0 31.0 46.6

170 25.5 20.6 31.0



#16

Acenaphthylene

Concen: 0.344 ng

RT: 14.009 min Scan# 1496

Delta R.T. -0.000 min

Lab File: BN030399.D

Acq: 14 Mar 2024 15:59

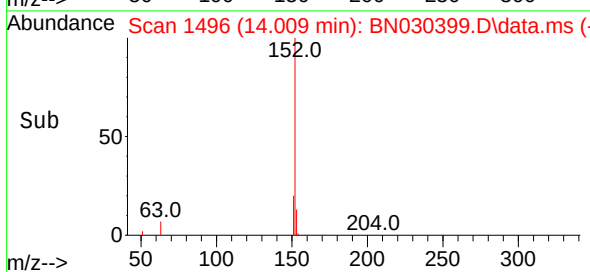
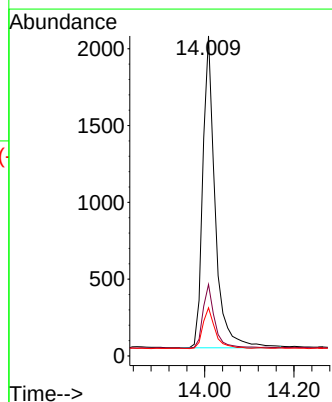
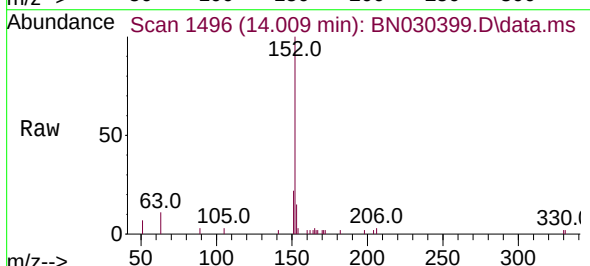
Tgt Ion:152 Resp: 3897

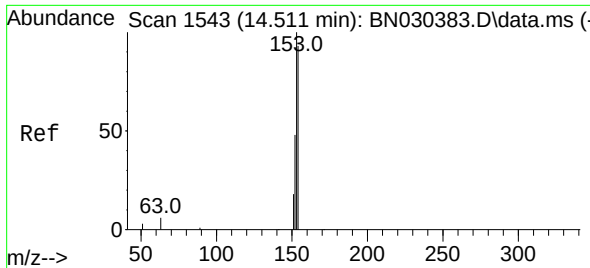
Ion Ratio Lower Upper

152 100

151 20.0 15.8 23.8

153 13.3 10.4 15.6

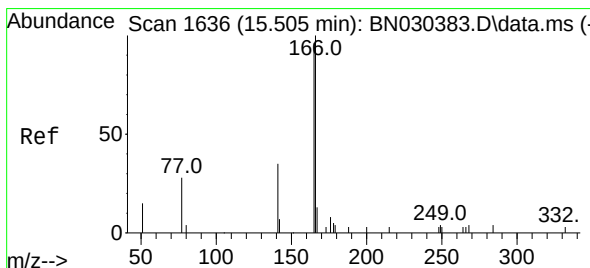
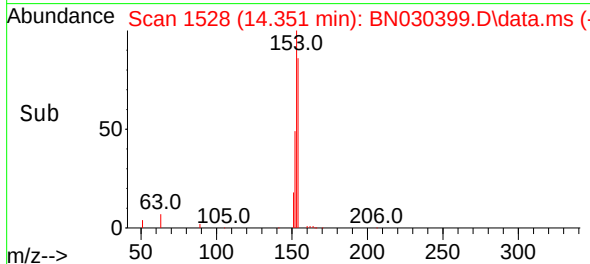
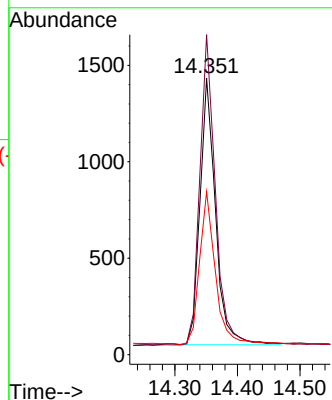
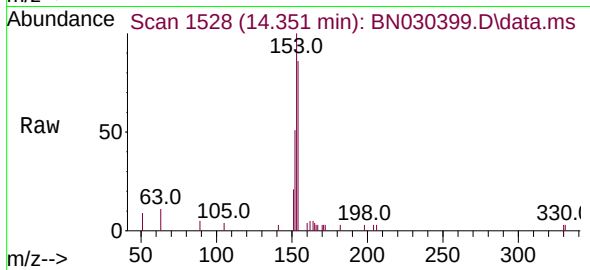




#17  
Acenaphthene  
Concen: 0.323 ng  
RT: 14.351 min Scan# 1528  
Delta R.T. -0.000 min  
Lab File: BN030399.D  
Acq: 14 Mar 2024 15:59

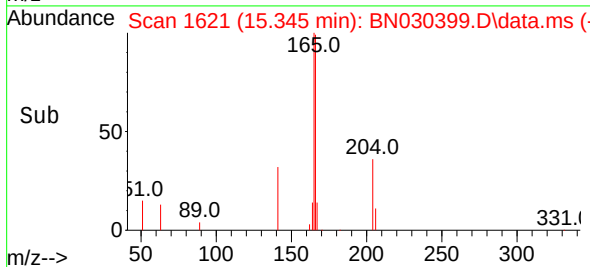
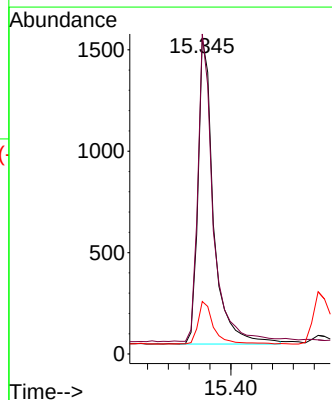
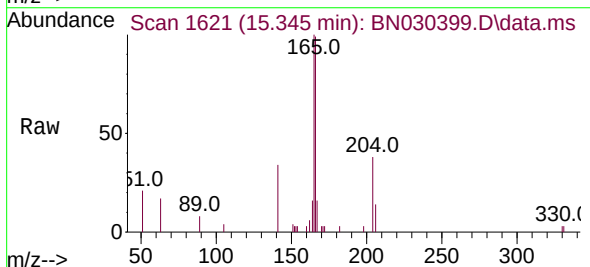
Instrument :  
BNA\_N  
ClientSampleId :  
PB159518BS

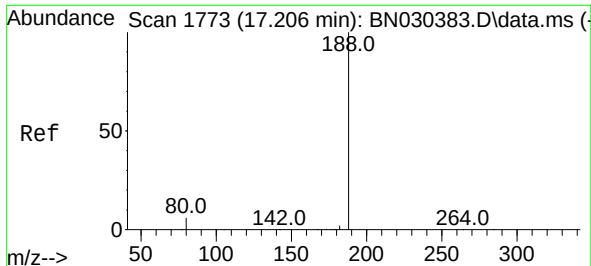
Tgt Ion:154 Resp: 2397  
Ion Ratio Lower Upper  
154 100  
153 117.3 91.6 137.4  
152 58.4 45.9 68.9



#18  
Fluorene  
Concen: 0.341 ng  
RT: 15.345 min Scan# 1621  
Delta R.T. -0.000 min  
Lab File: BN030399.D  
Acq: 14 Mar 2024 15:59

Tgt Ion:166 Resp: 3135  
Ion Ratio Lower Upper  
166 100  
165 97.5 79.0 118.4  
167 14.1 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: BN030399.D

Acq: 14 Mar 2024 15:59

Instrument :

BNA\_N

ClientSampleId :

PB159518BS

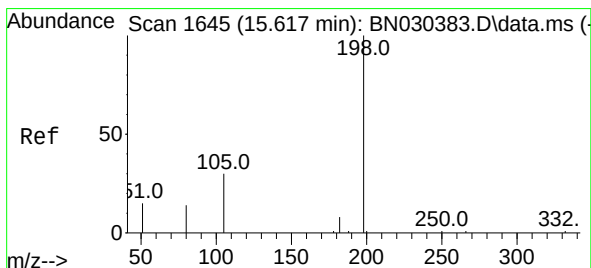
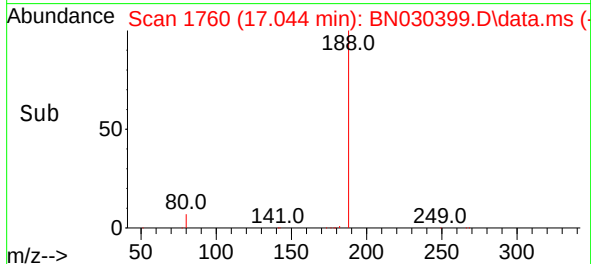
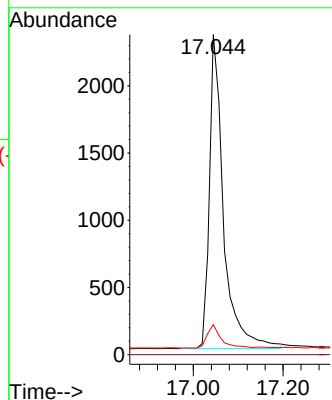
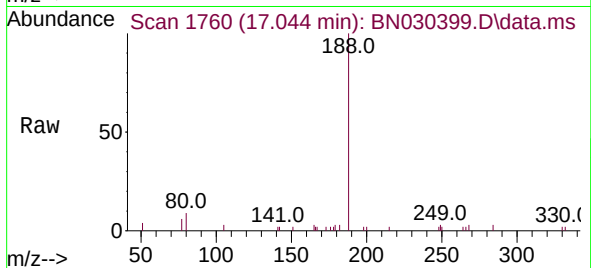
Tgt Ion:188 Resp: 5102

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 9.4 6.4 9.6



#20

4,6-Dinitro-2-methylphenol

Concen: 0.362 ng

RT: 15.463 min Scan# 1632

Delta R.T. 0.011 min

Lab File: BN030399.D

Acq: 14 Mar 2024 15:59

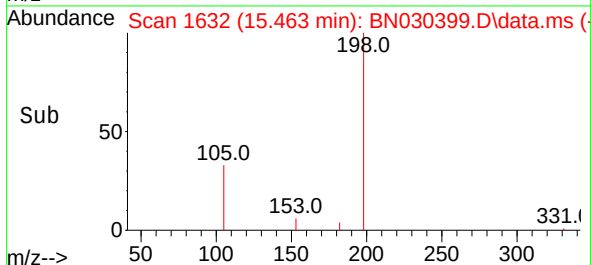
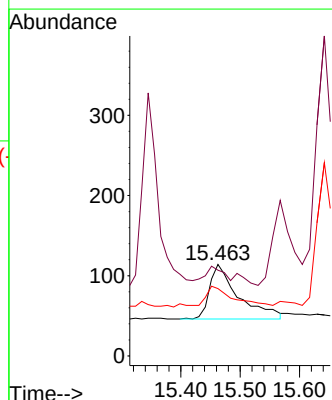
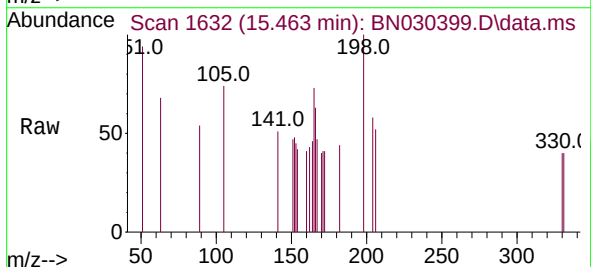
Tgt Ion:198 Resp: 235

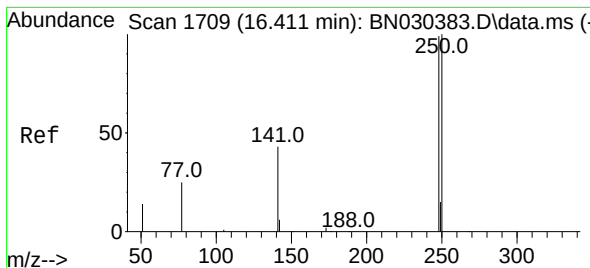
Ion Ratio Lower Upper

198 100

51 93.9 110.8 166.2#

105 73.7 51.7 77.5

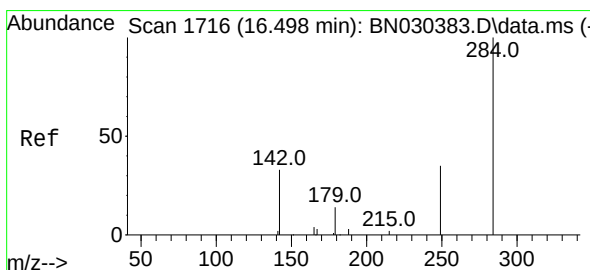
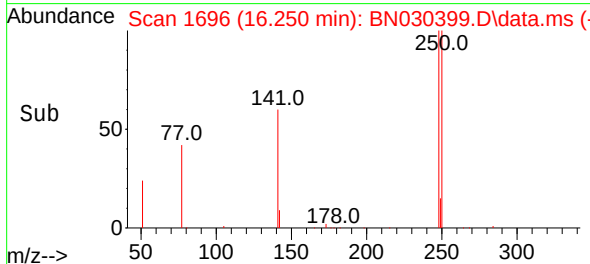
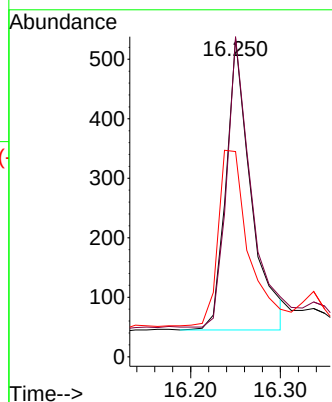
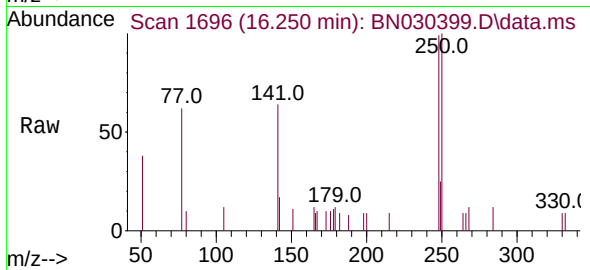




#21  
4-Bromophenyl-phenylether  
Concen: 0.315 ng  
RT: 16.250 min Scan# 1704  
Delta R.T. -0.000 min  
Lab File: BN030399.D  
Acq: 14 Mar 2024 15:59

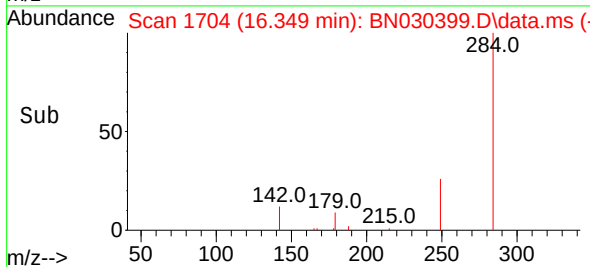
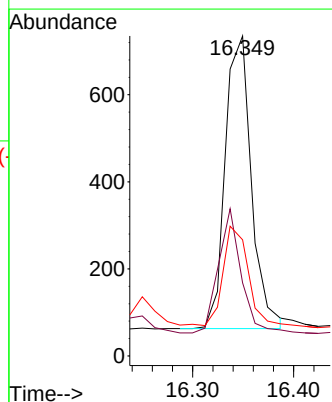
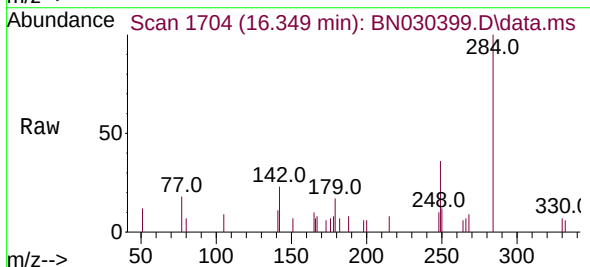
Instrument :  
BNA\_N  
ClientSampleId :  
PB159518BS

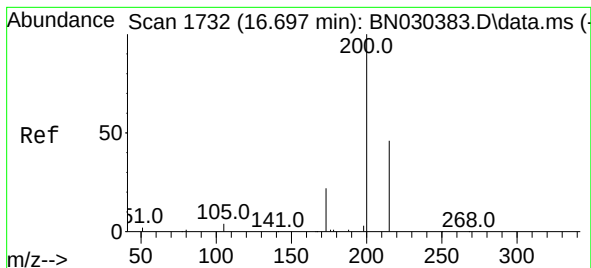
Tgt Ion:248 Resp: 949  
Ion Ratio Lower Upper  
248 100  
250 100.6 81.0 121.4  
141 64.5 39.2 58.8#



#22  
Hexachlorobenzene  
Concen: 0.337 ng  
RT: 16.349 min Scan# 1704  
Delta R.T. 0.012 min  
Lab File: BN030399.D  
Acq: 14 Mar 2024 15:59

Tgt Ion:284 Resp: 1211  
Ion Ratio Lower Upper  
284 100  
142 36.7 29.7 44.5  
249 31.7 27.2 40.8





#23

Atrazine

Concen: 0.321 ng

RT: 16.536 min Scan# 1732

Delta R.T. -0.000 min

Lab File: BN030399.D

Acq: 14 Mar 2024 15:59

Instrument :

BNA\_N

ClientSampleId :

PB159518BS

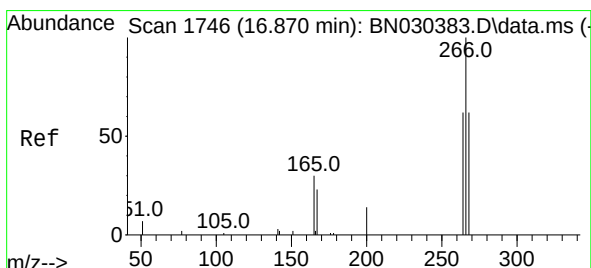
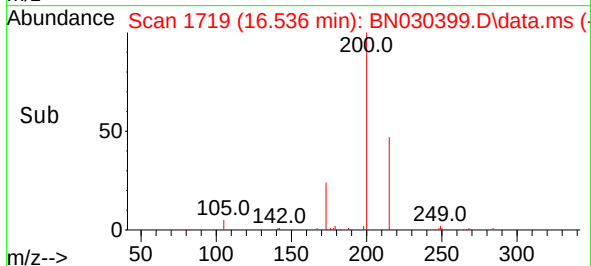
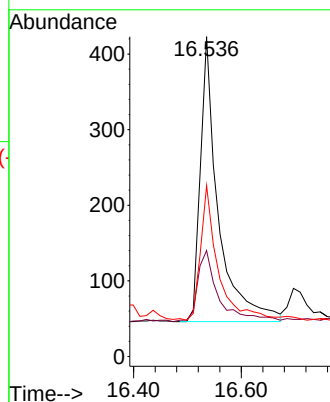
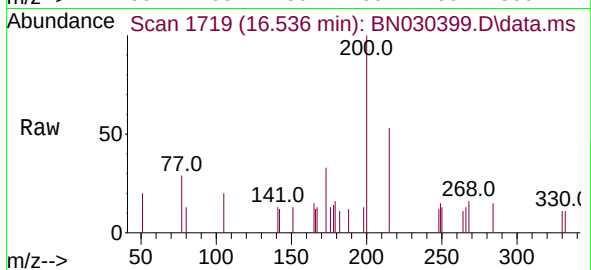
Tgt Ion:200 Resp: 870

Ion Ratio Lower Upper

200 100

173 33.1 23.5 35.3

215 53.4 41.3 61.9



#24

Pentachlorophenol

Concen: 0.295 ng

RT: 16.709 min Scan# 1733

Delta R.T. 0.012 min

Lab File: BN030399.D

Acq: 14 Mar 2024 15:59

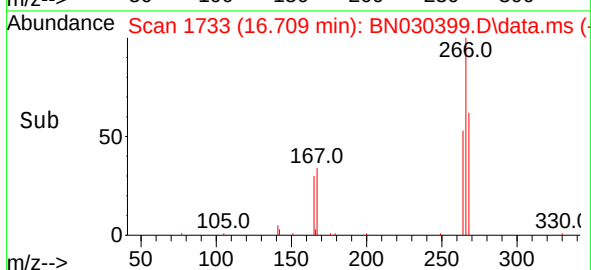
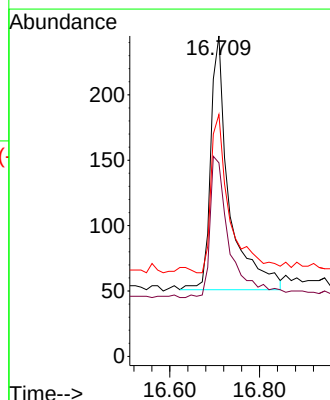
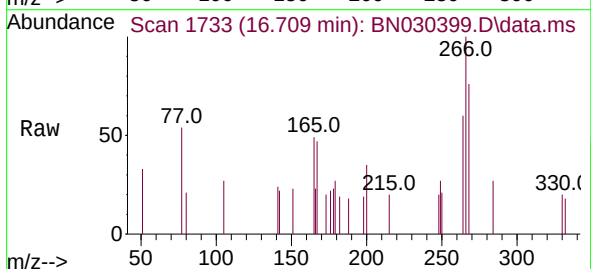
Tgt Ion:266 Resp: 556

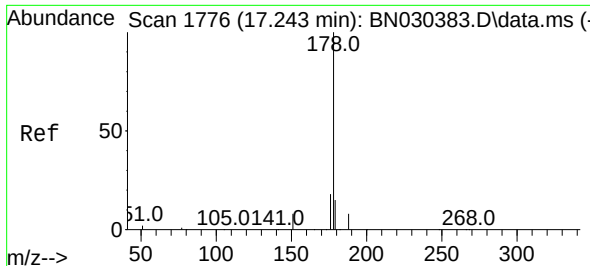
Ion Ratio Lower Upper

266 100

264 59.4 50.9 76.3

268 63.1 54.2 81.4

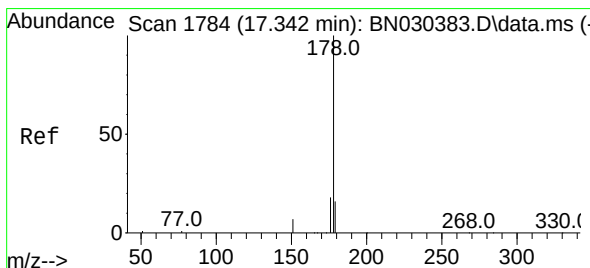
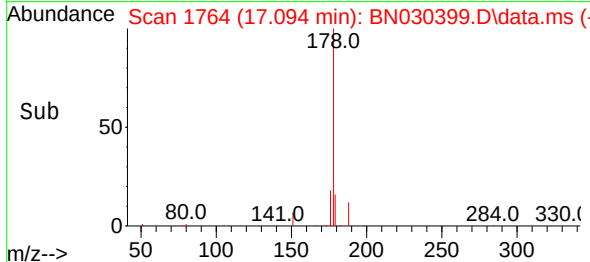
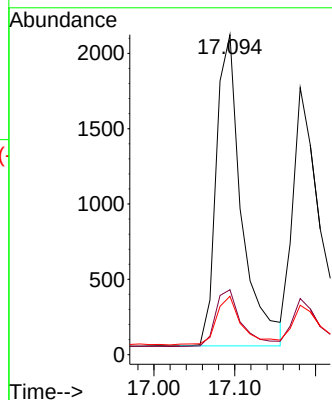
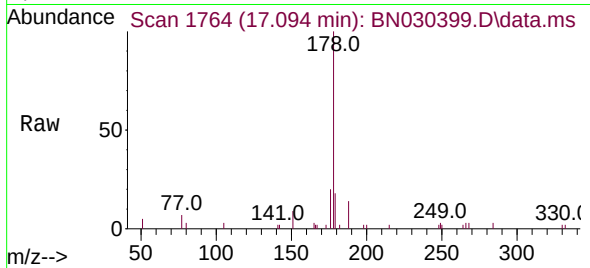




#25  
Phenanthrene  
Concen: 0.333 ng  
RT: 17.094 min Scan# 1771  
Delta R.T. 0.012 min  
Lab File: BN030399.D  
Acq: 14 Mar 2024 15:59

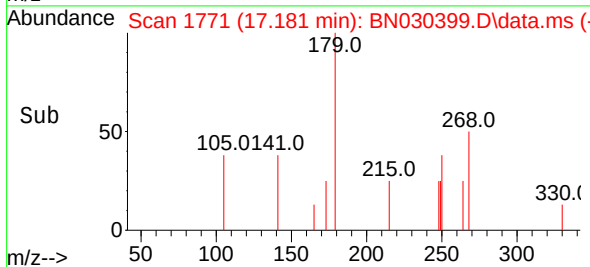
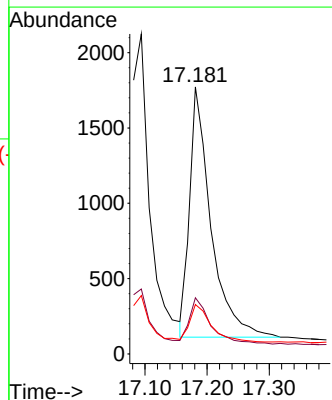
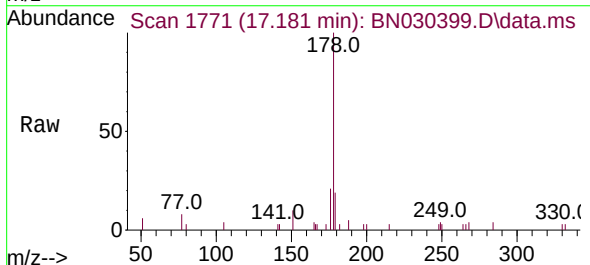
Instrument :  
BNA\_N  
ClientSampleId :  
PB159518BS

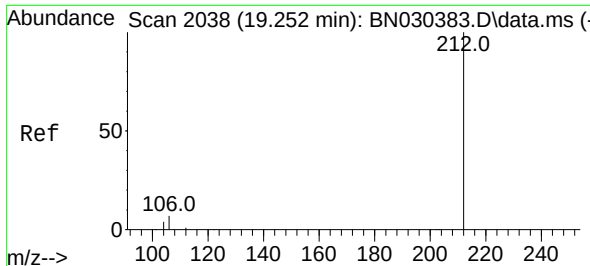
Tgt Ion:178 Resp: 4517  
Ion Ratio Lower Upper  
178 100  
176 19.2 15.1 22.7  
179 16.0 12.1 18.1



#26  
Anthracene  
Concen: 0.319 ng  
RT: 17.181 min Scan# 1771  
Delta R.T. -0.000 min  
Lab File: BN030399.D  
Acq: 14 Mar 2024 15:59

Tgt Ion:178 Resp: 3964  
Ion Ratio Lower Upper  
178 100  
176 18.7 14.8 22.2  
179 15.0 11.8 17.6

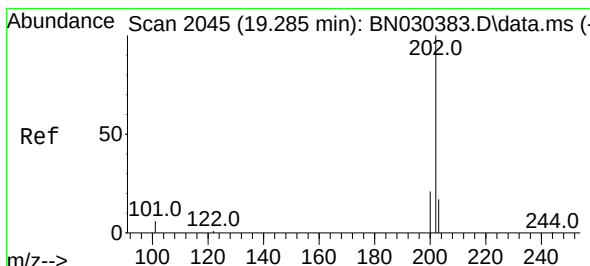
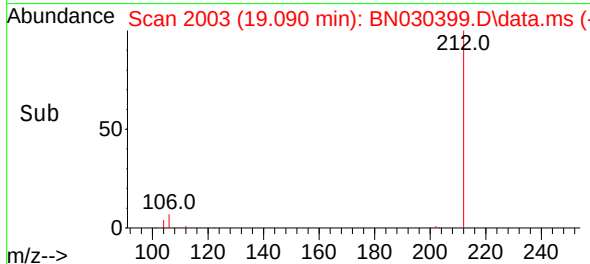
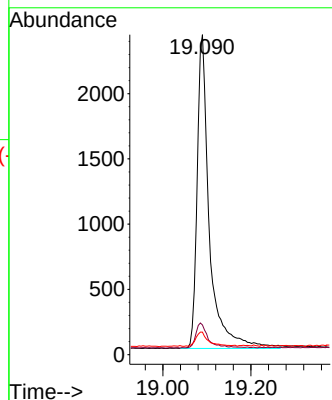
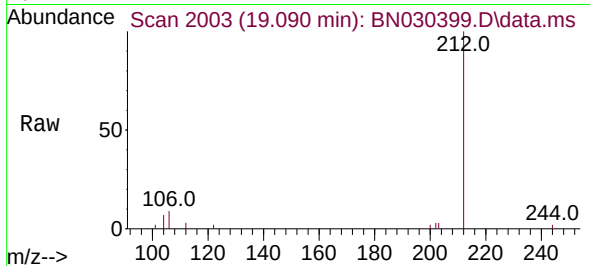




#27  
Fluoranthene-d10  
Concen: 0.313 ng  
RT: 19.090 min Scan# 2009  
Delta R.T. 0.005 min  
Lab File: BN030399.D  
Acq: 14 Mar 2024 15:59

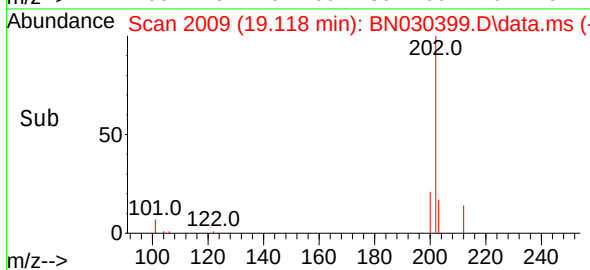
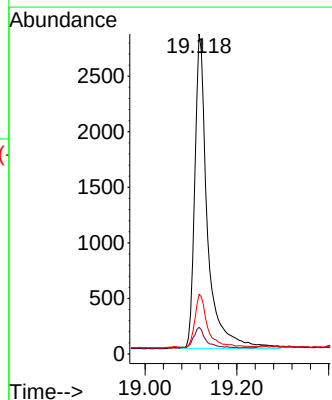
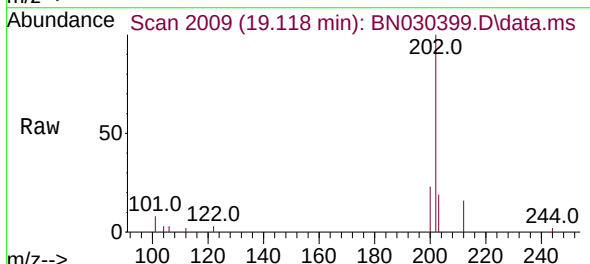
Instrument :  
BNA\_N  
ClientSampleId :  
PB159518BS

Tgt Ion:212 Resp: 4630  
Ion Ratio Lower Upper  
212 100  
106 7.9 6.0 9.0  
104 5.0 3.4 5.0

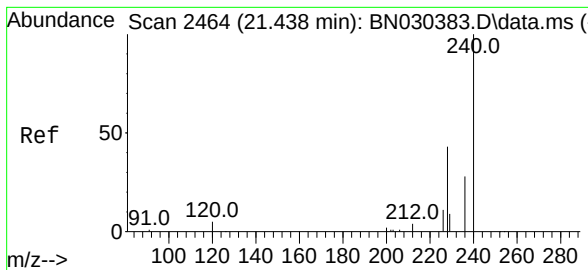


#28  
Fluoranthene  
Concen: 0.295 ng  
RT: 19.118 min Scan# 2009  
Delta R.T. -0.000 min  
Lab File: BN030399.D  
Acq: 14 Mar 2024 15:59

Tgt Ion:202 Resp: 5401  
Ion Ratio Lower Upper  
202 100  
101 7.0 4.6 6.8#  
203 16.4 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: BN030399.D

Acq: 14 Mar 2024 15:59

Instrument :

BNA\_N

ClientSampleId :

PB159518BS

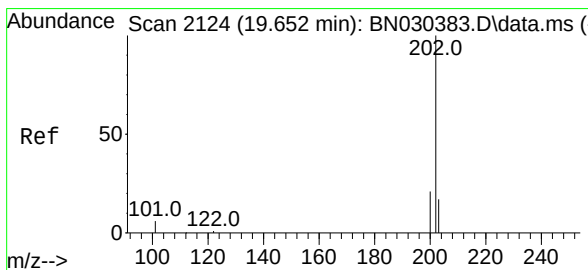
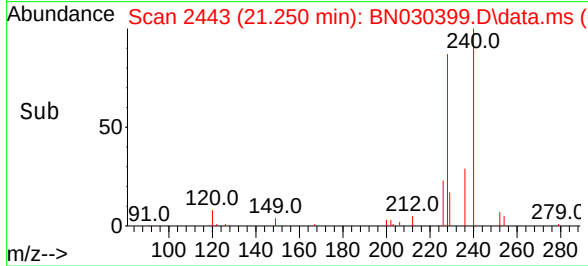
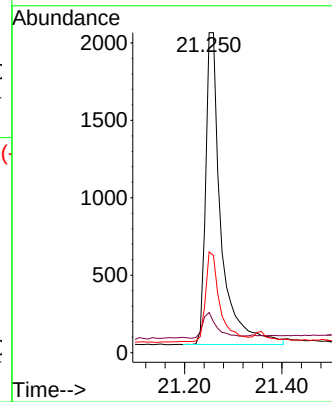
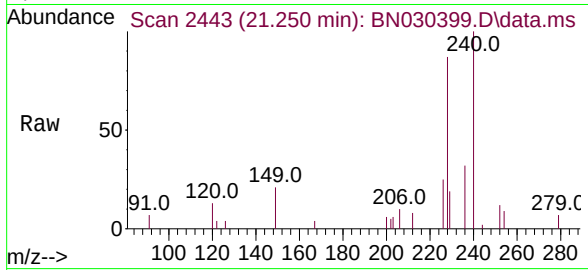
Tgt Ion:240 Resp: 4397

Ion Ratio Lower Upper

240 100

120 12.5 6.7 10.1#

236 31.5 23.8 35.8



#30

Pyrene

Concen: 0.342 ng

RT: 19.485 min Scan# 2088

Delta R.T. 0.005 min

Lab File: BN030399.D

Acq: 14 Mar 2024 15:59

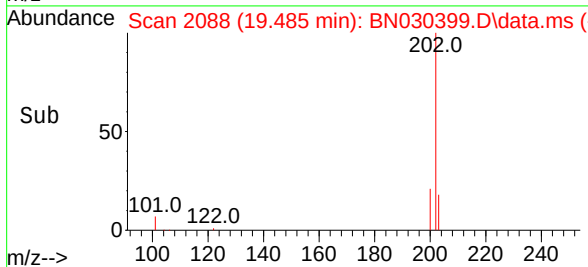
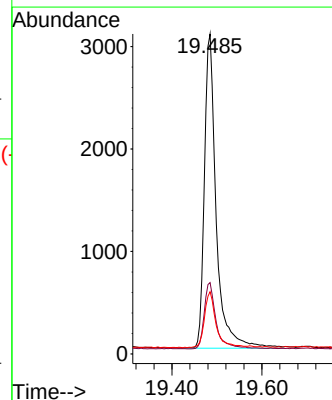
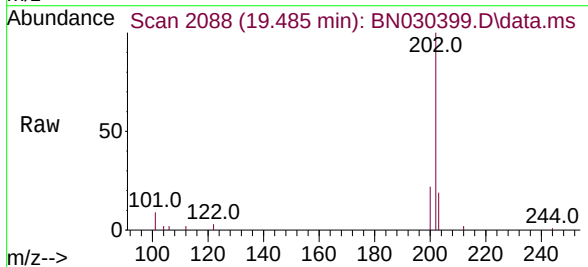
Tgt Ion:202 Resp: 5616

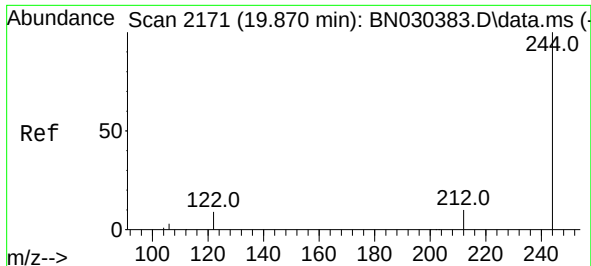
Ion Ratio Lower Upper

202 100

200 21.3 16.9 25.3

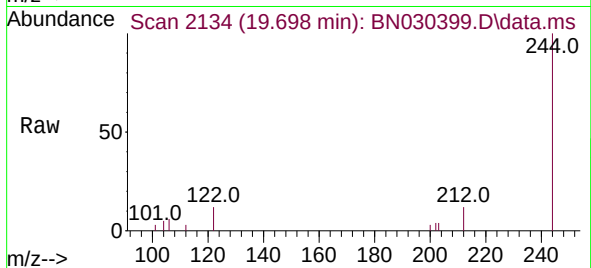
203 17.8 13.8 20.8



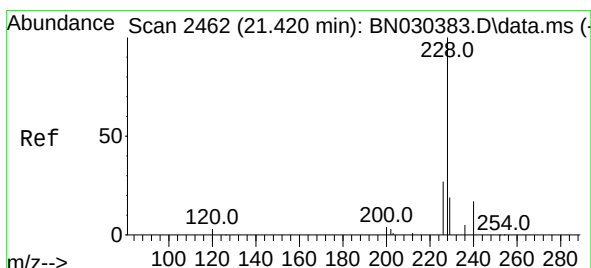
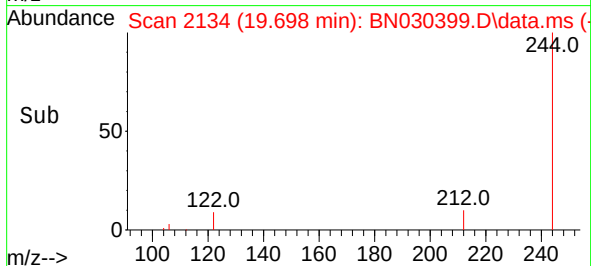
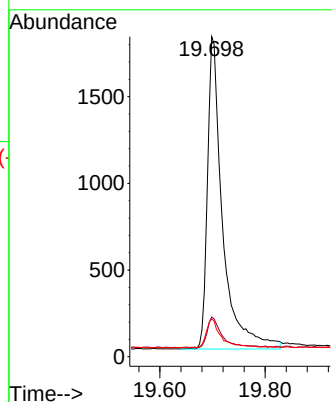


#31  
Terphenyl-d14  
Concen: 0.361 ng  
RT: 19.698 min Scan# 2134  
Delta R.T. -0.000 min  
Lab File: BN030399.D  
Acq: 14 Mar 2024 15:59

Instrument :  
BNA\_N  
ClientSampleId :  
PB159518BS

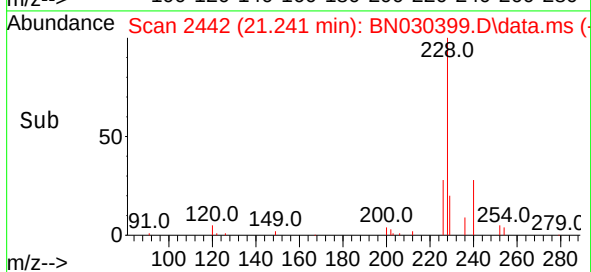
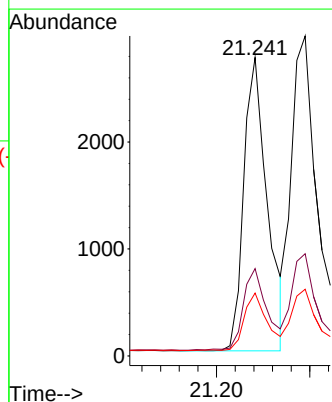
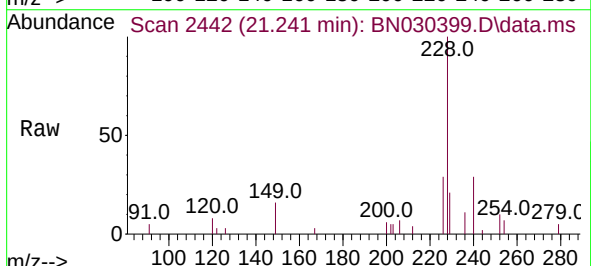


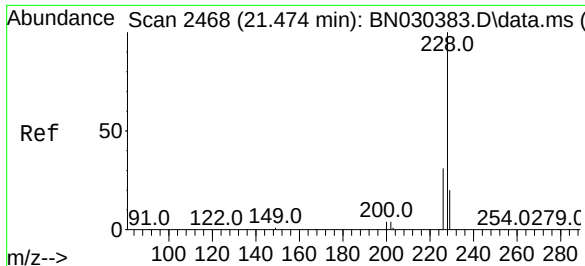
Tgt Ion:244 Resp: 3605  
Ion Ratio Lower Upper  
244 100  
212 12.4 9.8 14.6  
122 11.9 8.6 12.8



#32  
Benzo(a)anthracene  
Concen: 0.329 ng  
RT: 21.241 min Scan# 2442  
Delta R.T. -0.000 min  
Lab File: BN030399.D  
Acq: 14 Mar 2024 15:59

Tgt Ion:228 Resp: 4806  
Ion Ratio Lower Upper  
228 100  
226 29.2 22.2 33.2  
229 21.1 16.4 24.6

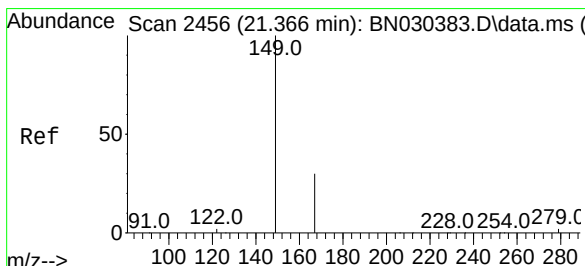
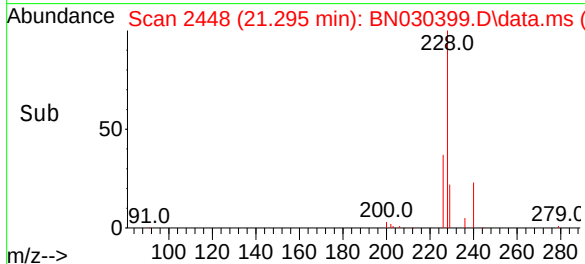
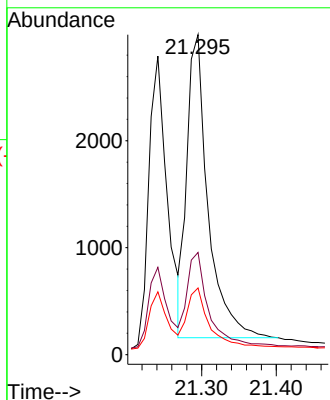
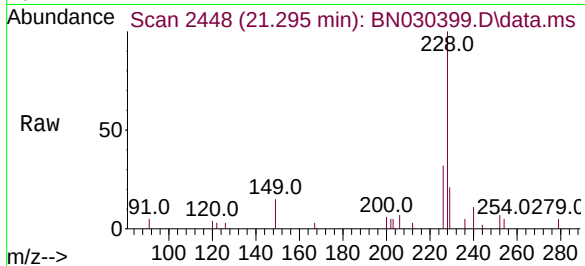




#33  
Chrysene  
Concen: 0.346 ng  
RT: 21.295 min Scan# 2448  
Delta R.T. 0.009 min  
Lab File: BN030399.D  
Acq: 14 Mar 2024 15:59

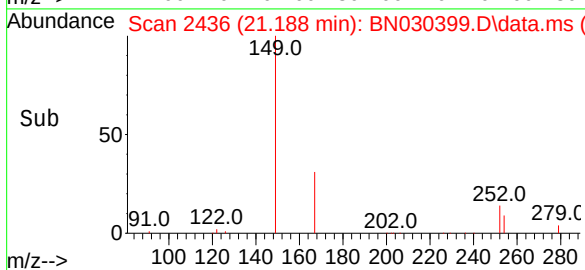
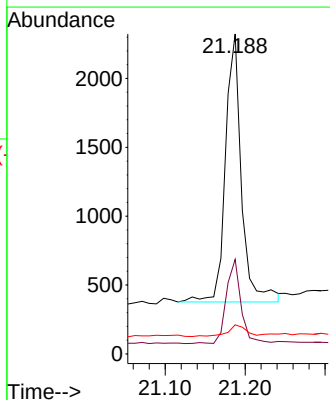
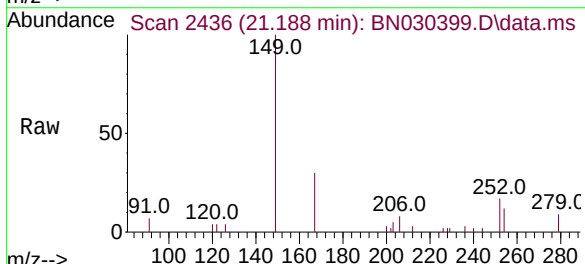
Instrument :  
BNA\_N  
ClientSampleId :  
PB159518BS

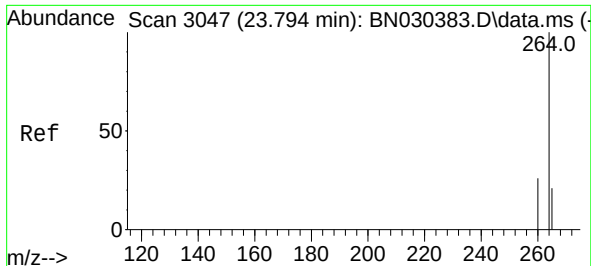
Tgt Ion:228 Resp: 5572  
Ion Ratio Lower Upper  
228 100  
226 32.0 25.0 37.6  
229 20.9 16.9 25.3



#34  
Bis(2-ethylhexyl)phthalate  
Concen: 0.356 ng  
RT: 21.188 min Scan# 2436  
Delta R.T. -0.000 min  
Lab File: BN030399.D  
Acq: 14 Mar 2024 15:59

Tgt Ion:149 Resp: 2715  
Ion Ratio Lower Upper  
149 100  
167 28.8 23.8 35.6  
279 5.0 5.1 7.7#





#35

Perylene-d12

Concen: 0.400 ng

RT: 23.487 min Scan# 2942

Delta R.T. -0.003 min

Lab File: BN030399.D

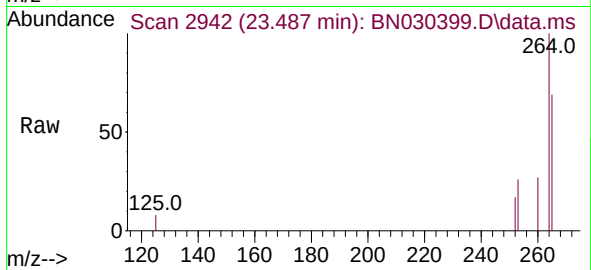
Acq: 14 Mar 2024 15:59

Instrument :

BNA\_N

ClientSampleId :

PB159518BS



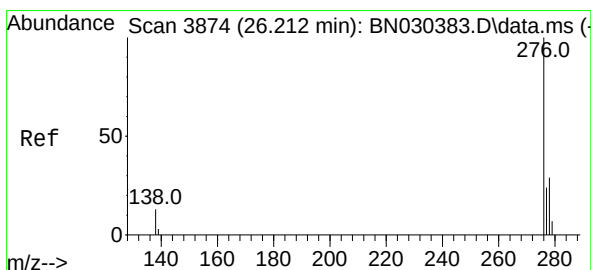
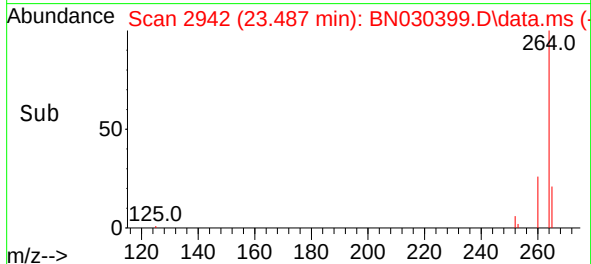
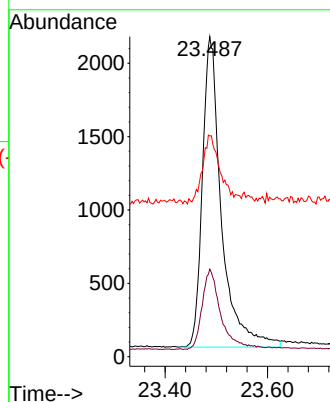
Tgt Ion:264 Resp: 5459

Ion Ratio Lower Upper

264 100

260 27.4 21.8 32.8

265 69.0 50.6 75.8



#36

Indeno(1,2,3-cd)pyrene

Concen: 0.345 ng

RT: 25.730 min Scan# 3709

Delta R.T. -0.009 min

Lab File: BN030399.D

Acq: 14 Mar 2024 15:59

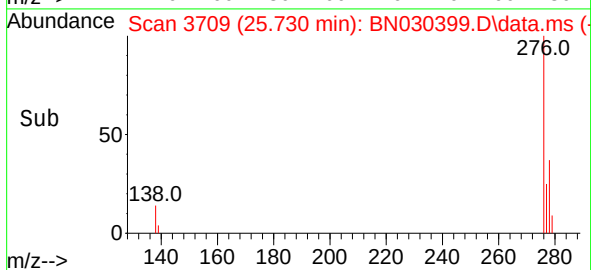
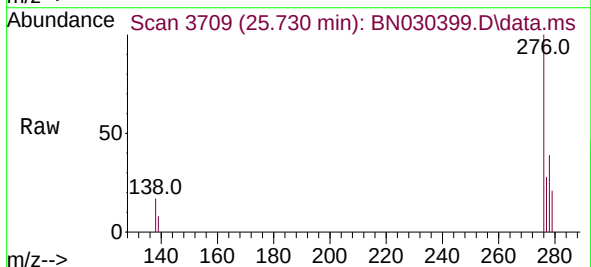
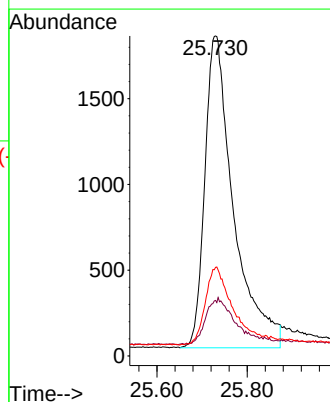
Tgt Ion:276 Resp: 8030

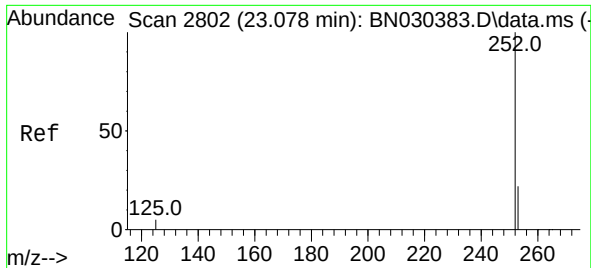
Ion Ratio Lower Upper

276 100

138 14.9 5.1 7.7#

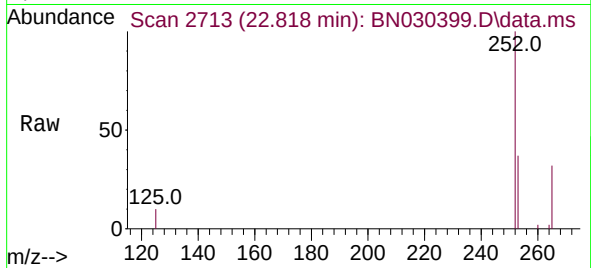
277 24.2 18.4 27.6



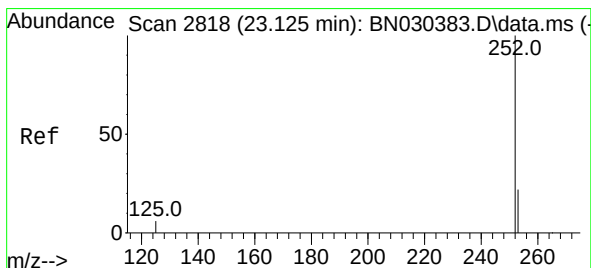
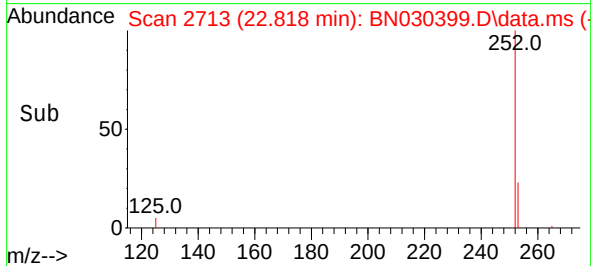
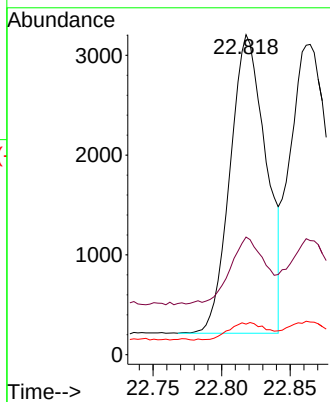


#37  
Benzo(b)fluoranthene  
Concen: 0.306 ng  
RT: 22.818 min Scan# 21  
Delta R.T. -0.003 min  
Lab File: BN030399.D  
Acq: 14 Mar 2024 15:59

Instrument :  
BNA\_N  
ClientSampleId :  
PB159518BS

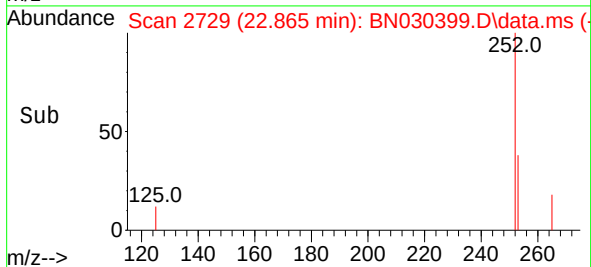
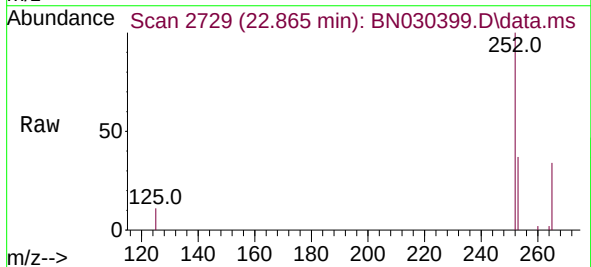
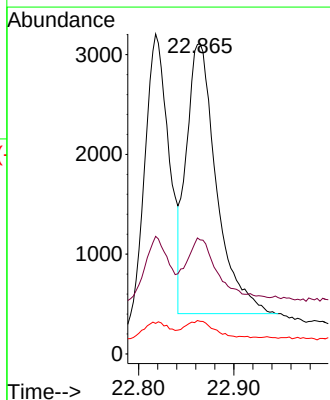


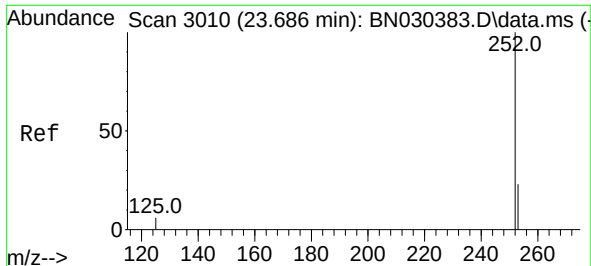
Tgt Ion:252 Resp: 5452  
Ion Ratio Lower Upper  
252 100  
253 36.8 26.7 40.1  
125 9.6 6.8 10.2



#38  
Benzo(k)fluoranthene  
Concen: 0.330 ng  
RT: 22.865 min Scan# 2729  
Delta R.T. -0.000 min  
Lab File: BN030399.D  
Acq: 14 Mar 2024 15:59

Tgt Ion:252 Resp: 5950  
Ion Ratio Lower Upper  
252 100  
253 36.8 26.6 39.8  
125 10.6 7.2 10.8





#39

Benzo(a)pyrene

Concen: 0.347 ng

RT: 23.391 min Scan# 20

Delta R.T. -0.006 min

Lab File: BN030399.D

Acq: 14 Mar 2024 15:59

Instrument :

BNA\_N

ClientSampleId :

PB159518BS

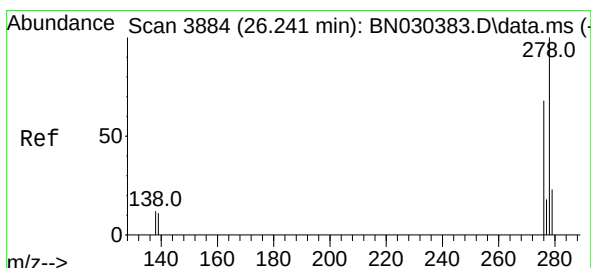
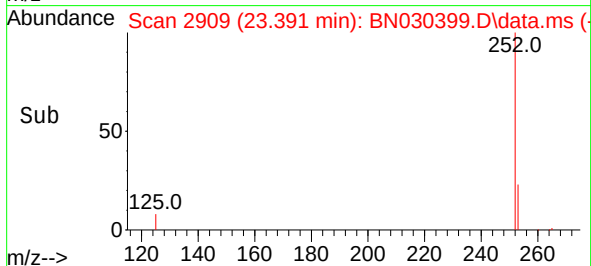
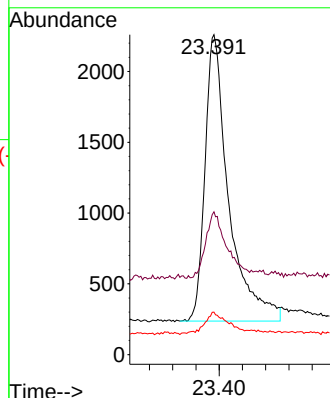
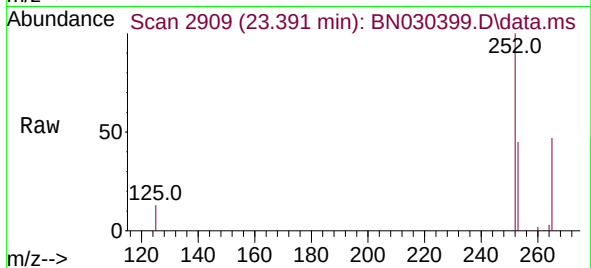
Tgt Ion:252 Resp: 5739

Ion Ratio Lower Upper

252 100

253 44.6 31.5 47.3

125 13.3 8.6 12.8#



#40

Dibenzo(a,h)anthracene

Concen: 0.334 ng

RT: 25.753 min Scan# 3717

Delta R.T. -0.003 min

Lab File: BN030399.D

Acq: 14 Mar 2024 15:59

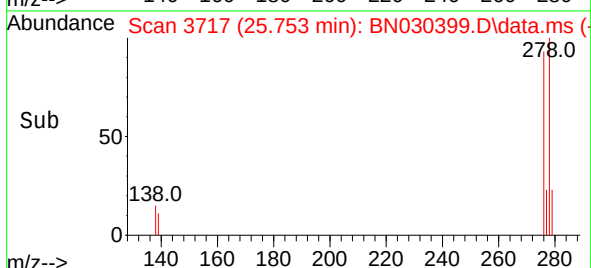
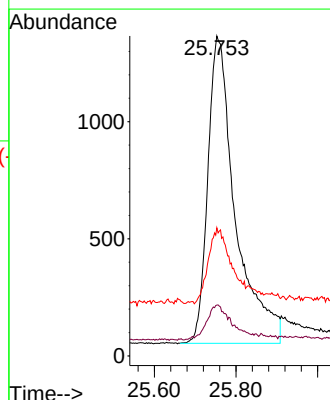
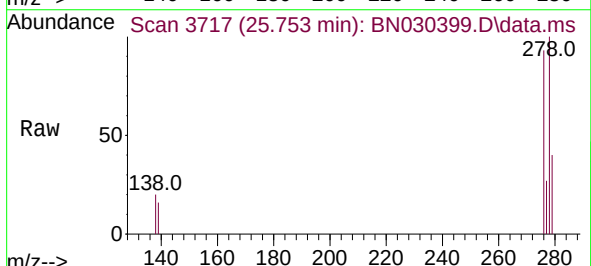
Tgt Ion:278 Resp: 6142

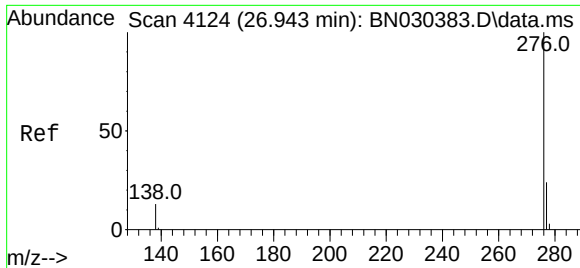
Ion Ratio Lower Upper

278 100

139 15.9 11.8 17.6

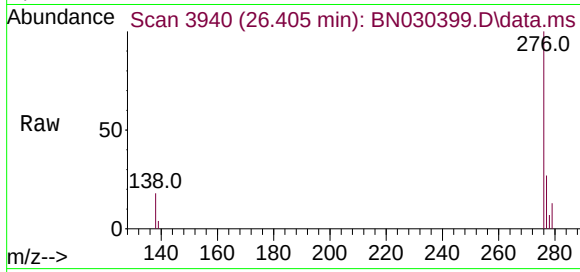
279 40.0 27.8 41.8





#41  
Benzo(g,h,i)perylene  
Concen: 0.329 ng  
RT: 26.405 min Scan# 3940  
Delta R.T. -0.009 min  
Lab File: BN030399.D  
Acq: 14 Mar 2024 15:59

Instrument :  
BNA\_N  
ClientSampleId :  
PB159518BS



Tgt Ion:276 Resp: 7134  
Ion Ratio Lower Upper  
276 100  
277 27.5 20.9 31.3  
138 17.6 13.0 19.4

