

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN050224\  
 Data File : BN031380.D  
 Acq On : 02 May 2024 20:28  
 Operator : MA/JU  
 Sample : PB160578BSD  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB160578BSD

Quant Time: May 03 01:11:35 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN041524.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu May 02 15:02:22 2024  
 Response via : Initial Calibration

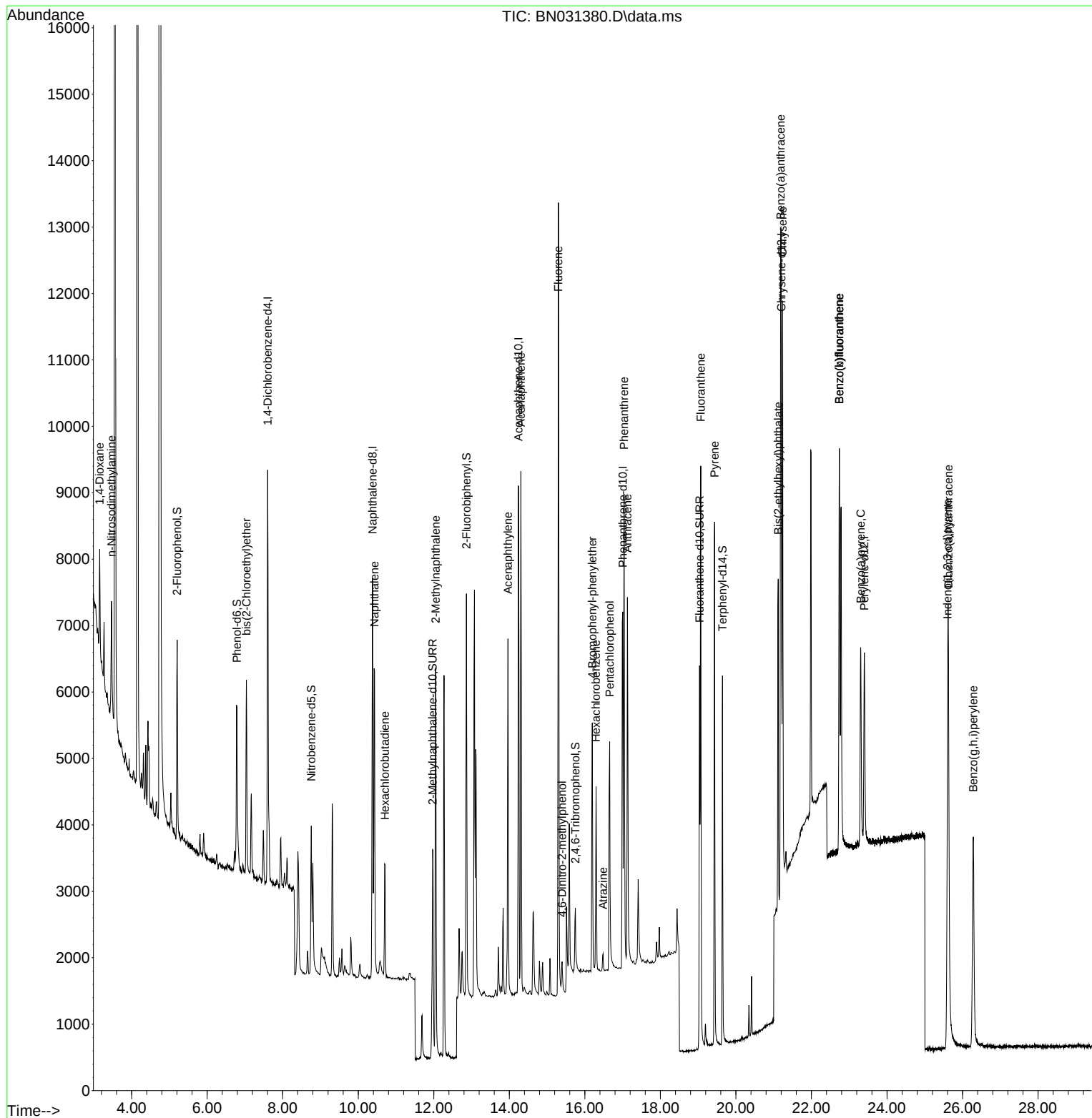
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.602  | 152  | 3047     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.378 | 136  | 8354     | 0.400 | ng    | 0.00     |
| 13) Acenaphthene-d10          | 14.242 | 164  | 4524     | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.003 | 188  | 8971     | 0.400 | ng    | # 0.00   |
| 29) Chrysene-d12              | 21.202 | 240  | 6792     | 0.400 | ng    | 0.00     |
| 35) Perylene-d12              | 23.399 | 264  | 3781     | 0.400 | ng    | # 0.00   |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.205  | 112  | 2413     | 0.355 | ng    | 0.00     |
| 5) Phenol-d6                  | 6.786  | 99   | 2657     | 0.323 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 8.755  | 82   | 1981     | 0.343 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 11.971 | 152  | 6209     | 0.483 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.750 | 330  | 582      | 0.332 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 12.863 | 172  | 5353     | 0.352 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.040 | 212  | 7085     | 0.293 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.644 | 244  | 5810     | 0.368 | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       |          |
|                               |        |      |          |       |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.154  | 88   | 892      | 0.238 | ng    | # 58     |
| 3) n-Nitrosodimethylamine     | 3.464  | 42   | 1250     | 0.356 | ng    | # 84     |
| 6) bis(2-Chloroethyl)ether    | 7.039  | 93   | 2303     | 0.283 | ng    | 95       |
| 9) Naphthalene                | 10.431 | 128  | 6619     | 0.287 | ng    | 98       |
| 10) Hexachlorobutadiene       | 10.709 | 225  | 1500     | 0.324 | ng    | # 99     |
| 12) 2-Methylnaphthalene       | 12.050 | 142  | 4294     | 0.280 | ng    | # 94     |
| 16) Acenaphthylene            | 13.964 | 152  | 5816     | 0.292 | ng    | 99       |
| 17) Acenaphthene              | 14.306 | 154  | 3834     | 0.272 | ng    | 98       |
| 18) Fluorene                  | 15.300 | 166  | 4850     | 0.260 | ng    | 99       |
| 20) 4,6-Dinitro-2-methylph... | 15.396 | 198  | 425      | 0.414 | ng    | # 88     |
| 21) 4-Bromophenyl-phenylether | 16.197 | 248  | 1577     | 0.296 | ng    | # 90     |
| 22) Hexachlorobenzene         | 16.296 | 284  | 1889     | 0.304 | ng    | 96       |
| 23) Atrazine                  | 16.482 | 200  | 225      | 0.058 | ng    | 90       |
| 24) Pentachlorophenol         | 16.656 | 266  | 1904     | 0.884 | ng    | 99       |
| 25) Phenanthrene              | 17.041 | 178  | 7443     | 0.281 | ng    | 99       |
| 26) Anthracene                | 17.128 | 178  | 6103     | 0.278 | ng    | 99       |
| 28) Fluoranthene              | 19.067 | 202  | 8151     | 0.257 | ng    | 97       |
| 30) Pyrene                    | 19.434 | 202  | 7524     | 0.285 | ng    | 99       |
| 32) Benzo(a)anthracene        | 21.184 | 228  | 7099     | 0.300 | ng    | 99       |
| 33) Chrysene                  | 21.238 | 228  | 7568     | 0.294 | ng    | 99       |
| 34) Bis(2-ethylhexyl)phtha... | 21.121 | 149  | 4942     | 0.456 | ng    | 98       |
| 36) Indeno(1,2,3-cd)pyrene    | 25.606 | 276  | 8245     | 0.469 | ng    | 95       |
| 37) Benzo(b)fluoranthene      | 22.738 | 252  | 7902     | 0.506 | ng    | 93       |
| 38) Benzo(k)fluoranthene      | 22.738 | 252  | 7902     | 0.517 | ng    | 92       |
| 39) Benzo(a)pyrene            | 23.302 | 252  | 4748     | 0.366 | ng    | # 81     |
| 40) Dibenzo(a,h)anthracene    | 25.627 | 278  | 7891     | 0.560 | ng    | 95       |
| 41) Benzo(g,h,i)perylene      | 26.285 | 276  | 6717     | 0.433 | ng    | 95       |
| -----                         |        |      |          |       |       |          |

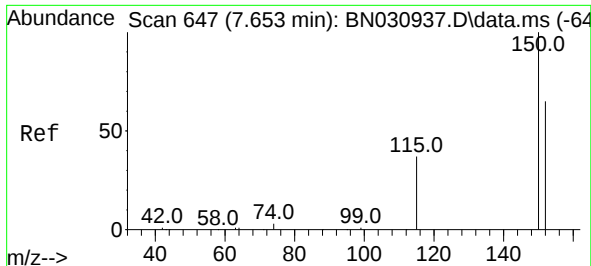
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Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN050224\  
Data File : BN031380.D  
Acq On : 02 May 2024 20:28  
Operator : MA/JU  
Sample : PB160578BSD  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
PB160578BSD

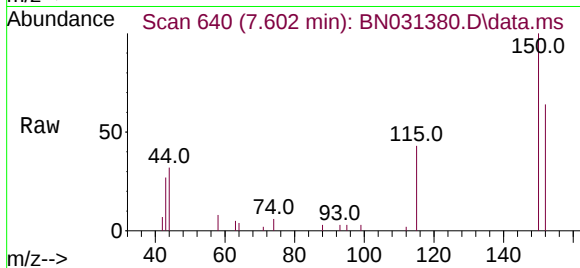
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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN041524.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu May 02 15:02:22 2024  
Response via : Initial Calibration



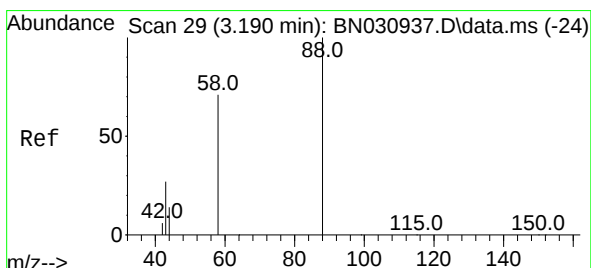
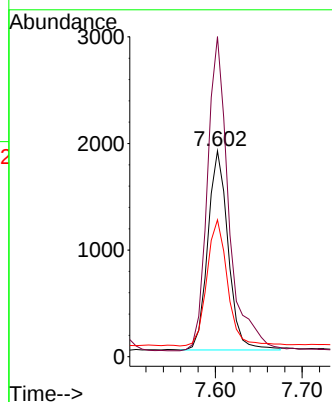
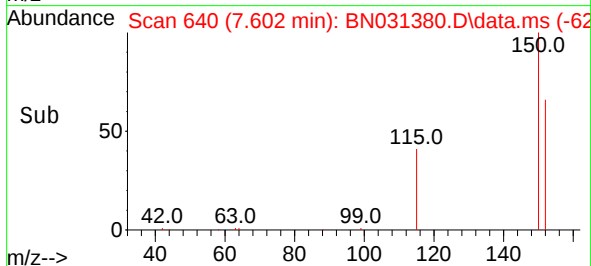


#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 7.602 min Scan# 64  
 Delta R.T. -0.001 min  
 Lab File: BN031380.D  
 Acq: 02 May 2024 20:28

Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB160578BSD

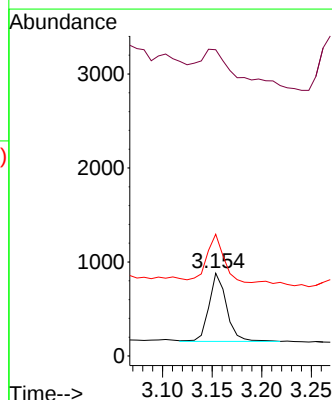
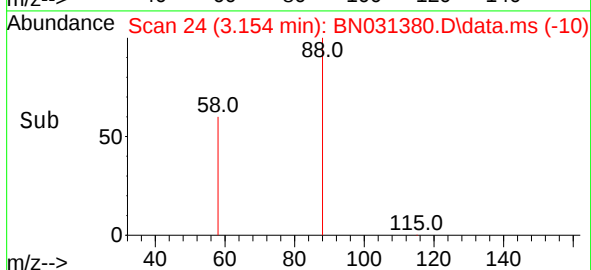
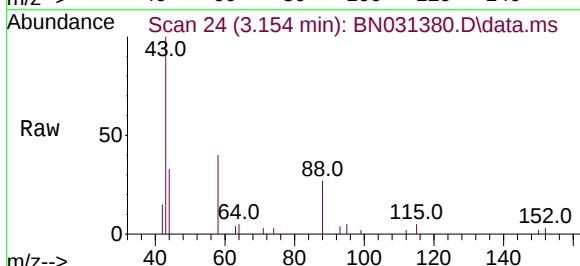


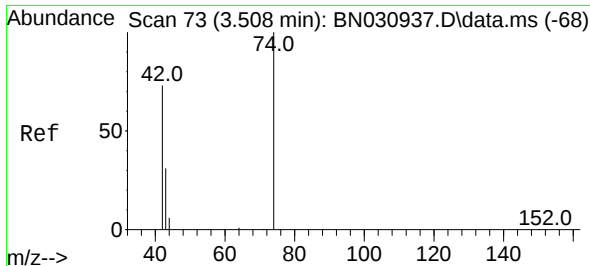
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 Ion Ratio Lower Upper  
 152 100  
 150 155.5 121.7 182.5  
 115 66.4 47.8 71.8



#2  
 1,4-Dioxane  
 Concen: 0.238 ng  
 RT: 3.154 min Scan# 24  
 Delta R.T. -0.000 min  
 Lab File: BN031380.D  
 Acq: 02 May 2024 20:28

Tgt Ion: 88 Resp: 892  
 Ion Ratio Lower Upper  
 88 100  
 43 103.5 23.7 35.5#  
 58 68.8 55.7 83.5

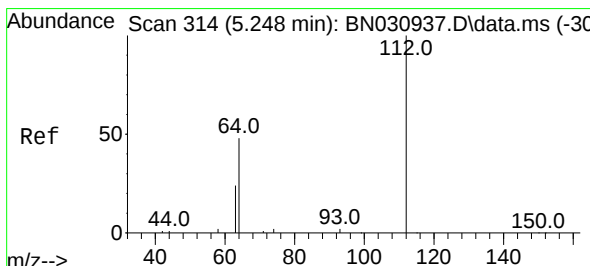
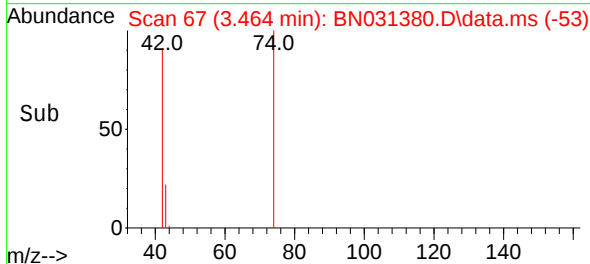
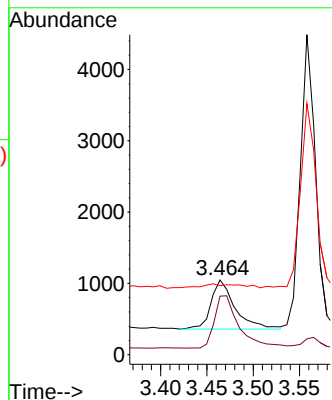
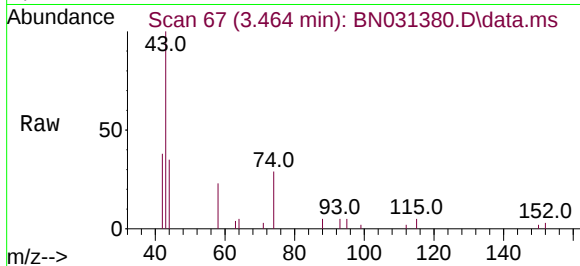




#3  
n-Nitrosodimethylamine  
Concen: 0.356 ng  
RT: 3.464 min Scan# 61  
Delta R.T. -0.000 min  
Lab File: BN031380.D  
Acq: 02 May 2024 20:28

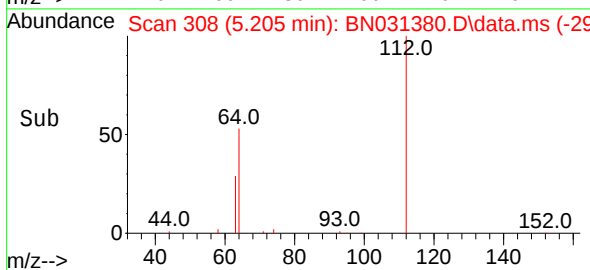
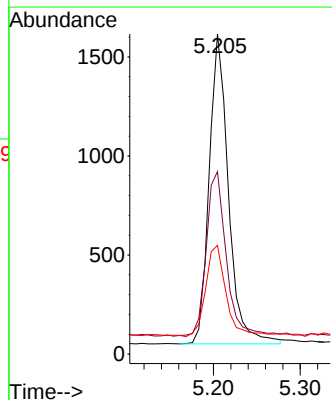
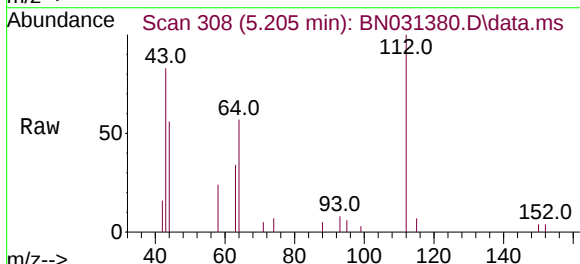
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BNA\_N  
ClientSampleId :  
PB160578BSD

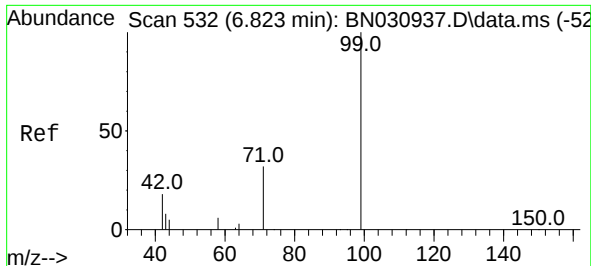
Tgt Ion: 42 Resp: 1250  
Ion Ratio Lower Upper  
42 100  
74 109.4 103.1 154.7  
44 12.2 7.0 10.6#



#4  
2-Fluorophenol  
Concen: 0.355 ng  
RT: 5.205 min Scan# 308  
Delta R.T. -0.000 min  
Lab File: BN031380.D  
Acq: 02 May 2024 20:28

Tgt Ion: 112 Resp: 2413  
Ion Ratio Lower Upper  
112 100  
64 55.4 43.4 65.2  
63 31.5 22.2 33.2

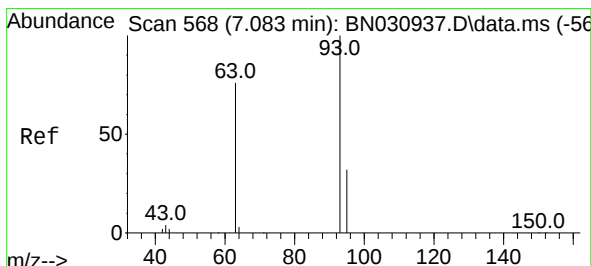
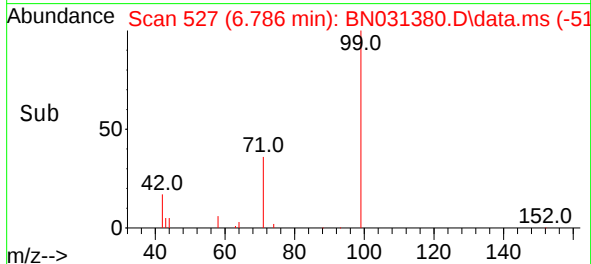
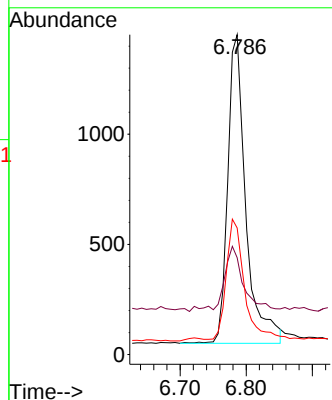
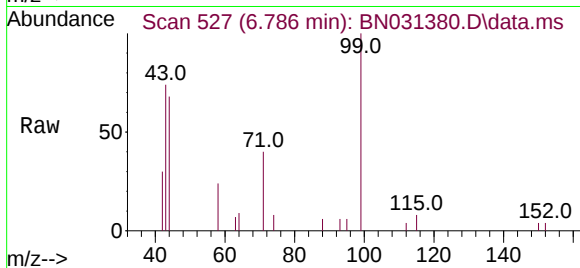




#5  
Phenol-d6  
Concen: 0.323 ng  
RT: 6.786 min Scan# 51  
Delta R.T. 0.007 min  
Lab File: BN031380.D  
Acq: 02 May 2024 20:28

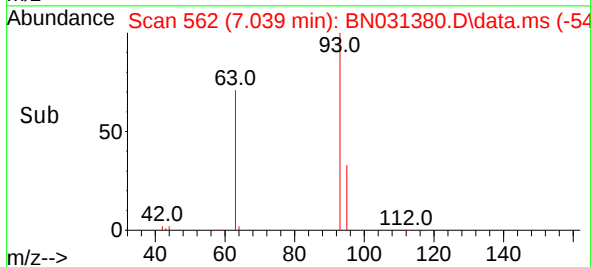
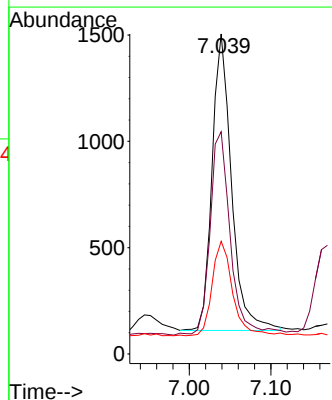
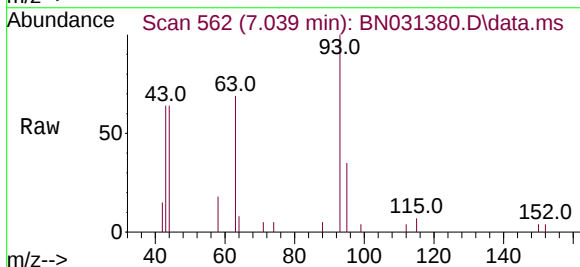
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ClientSampleId :  
PB160578BSD

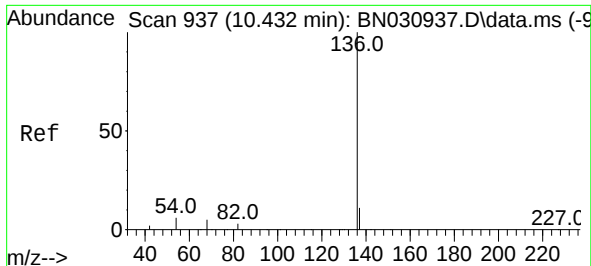
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 99    | Resp: | 2657  |
| Ion      | Ratio | Lower | Upper |
| 99       | 100   |       |       |
| 42       | 20.5  | 16.4  | 24.6  |
| 71       | 38.5  | 26.3  | 39.5  |



#6  
bis(2-Chloroethyl)ether  
Concen: 0.283 ng  
RT: 7.039 min Scan# 562  
Delta R.T. -0.000 min  
Lab File: BN031380.D  
Acq: 02 May 2024 20:28

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 93    | Resp: | 2303  |
| Ion      | Ratio | Lower | Upper |
| 93       | 100   |       |       |
| 63       | 72.2  | 61.8  | 92.8  |
| 95       | 33.4  | 27.4  | 41.0  |

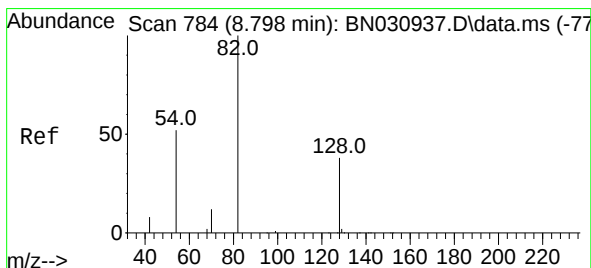
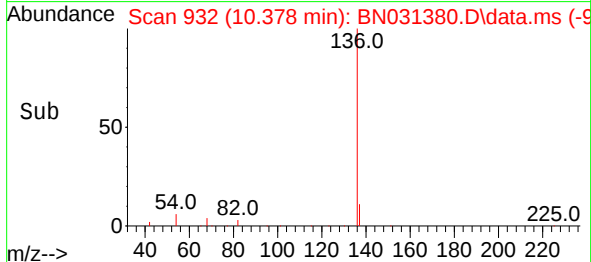
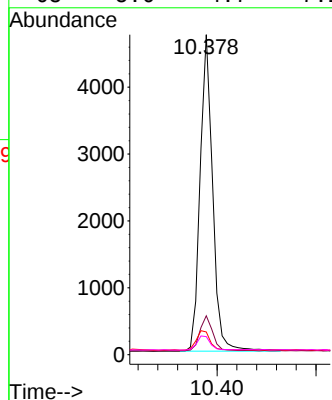
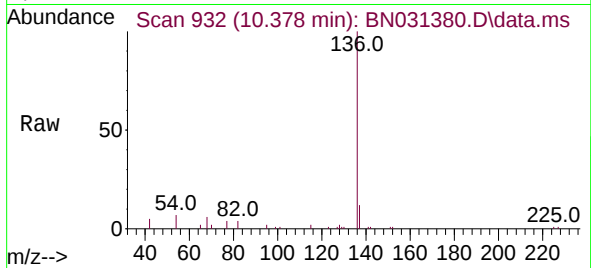




#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.378 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: BN031380.D  
Acq: 02 May 2024 20:28

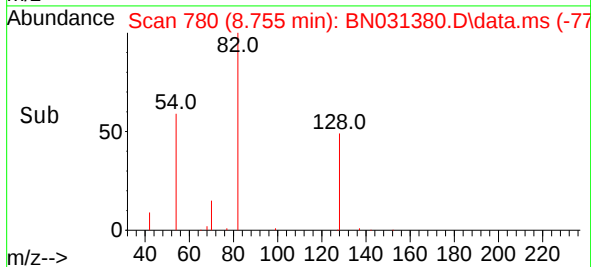
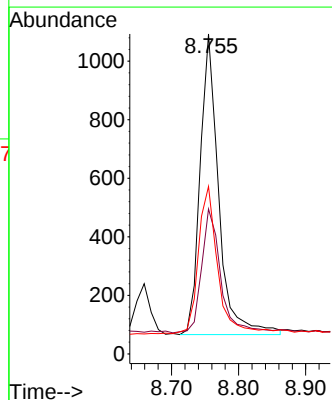
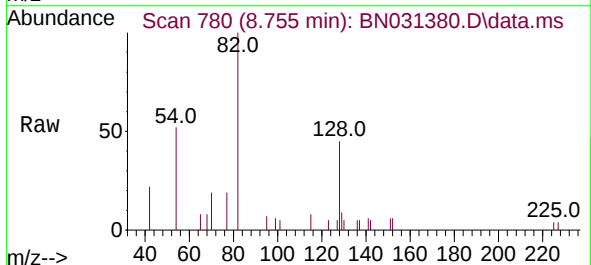
Instrument :  
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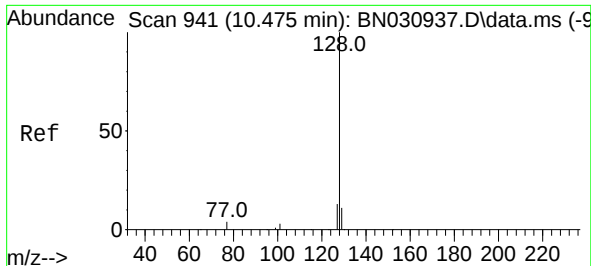
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|-------------|-------|----------|
| Tgt Ion:136 | Resp: | 8354     |
| Ion Ratio   | Lower | Upper    |
| 136         | 100   |          |
| 137         | 12.1  | 9.4 14.0 |
| 54          | 7.1   | 5.3 7.9  |
| 68          | 5.6   | 4.7 7.1  |



#8  
Nitrobenzene-d5  
Concen: 0.343 ng  
RT: 8.755 min Scan# 780  
Delta R.T. -0.000 min  
Lab File: BN031380.D  
Acq: 02 May 2024 20:28

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion: 82 | Resp: | 1981      |
| Ion Ratio   | Lower | Upper     |
| 82          | 100   |           |
| 128         | 45.3  | 33.7 50.5 |
| 54          | 52.3  | 43.7 65.5 |

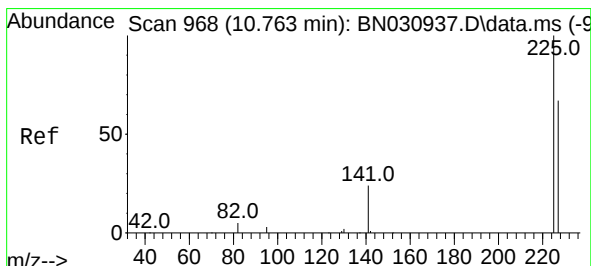
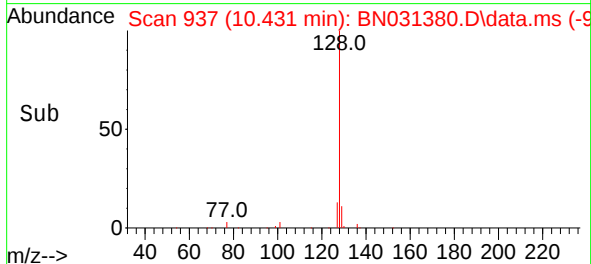
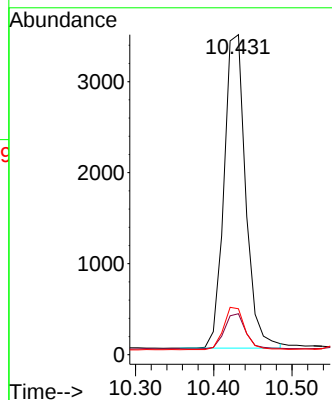
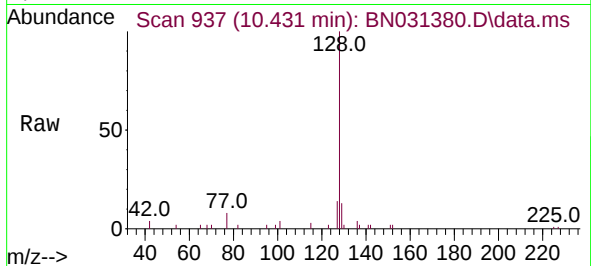




#9  
Naphthalene  
Concen: 0.287 ng  
RT: 10.431 min Scan# 941  
Delta R.T. -0.000 min  
Lab File: BN031380.D  
Acq: 02 May 2024 20:28

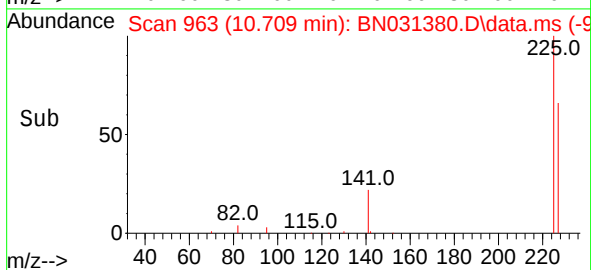
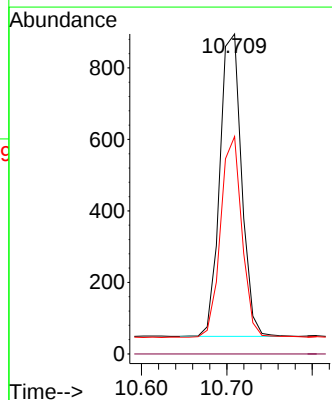
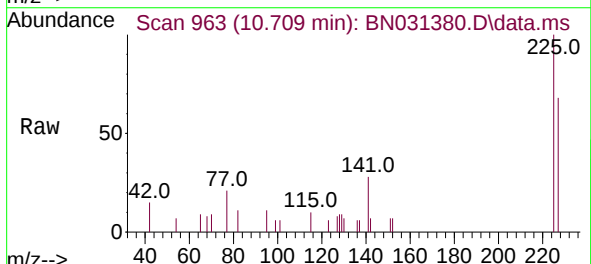
Instrument :  
BNA\_N  
ClientSampleId :  
PB160578BSD

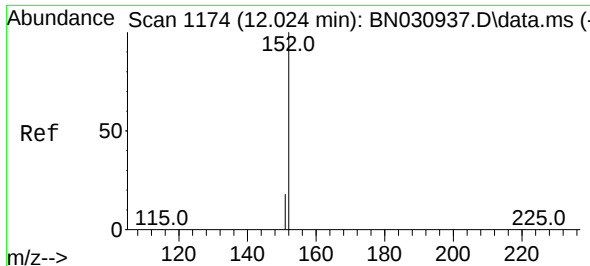
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Ion Ratio Lower Upper  
128 100  
129 12.8 9.4 14.0  
127 14.4 10.9 16.3



#10  
Hexachlorobutadiene  
Concen: 0.324 ng  
RT: 10.709 min Scan# 963  
Delta R.T. -0.000 min  
Lab File: BN031380.D  
Acq: 02 May 2024 20:28

Tgt Ion:225 Resp: 1500  
Ion Ratio Lower Upper  
225 100  
223 0.0 0.0 0.0  
227 64.8 51.3 76.9





#11

2-Methylnaphthalene-d10

Concen: 0.483 ng

RT: 11.971 min Scan# 1180

Delta R.T. -0.004 min

Lab File: BN031380.D

Acq: 02 May 2024 20:28

Instrument :

BNA\_N

ClientSampleId :

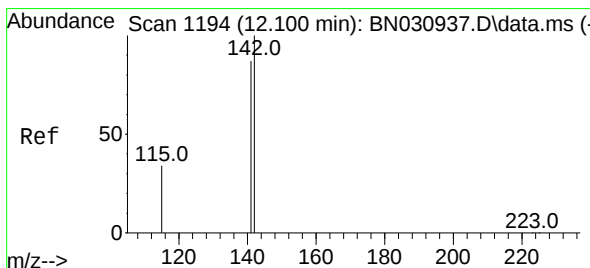
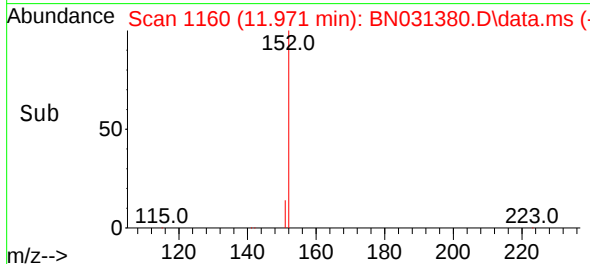
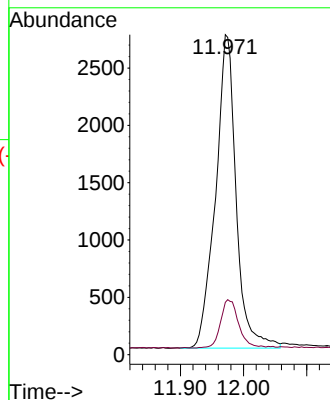
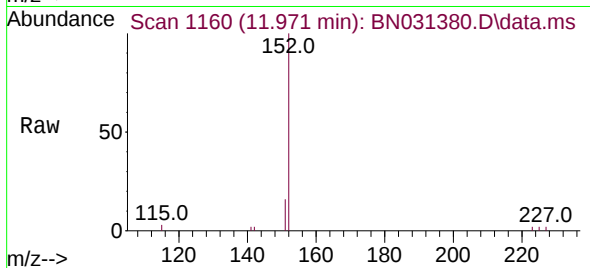
PB160578BSD

Tgt Ion:152 Resp: 6209

Ion Ratio Lower Upper

152 100

151 13.4 16.7 25.1#



#12

2-Methylnaphthalene

Concen: 0.280 ng

RT: 12.050 min Scan# 1181

Delta R.T. -0.000 min

Lab File: BN031380.D

Acq: 02 May 2024 20:28

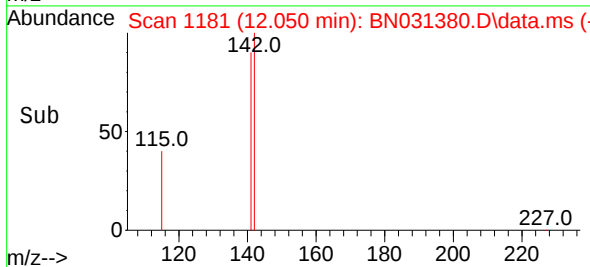
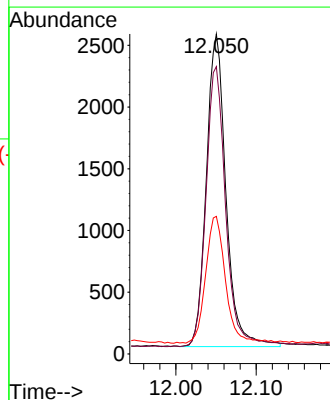
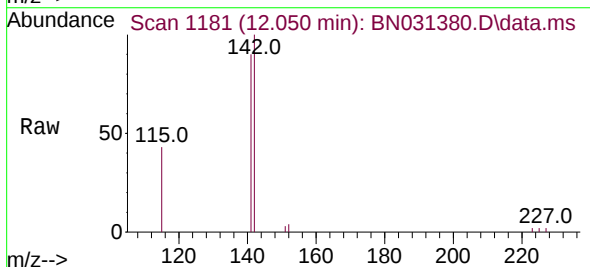
Tgt Ion:142 Resp: 4294

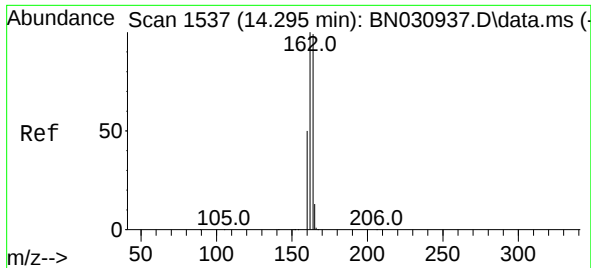
Ion Ratio Lower Upper

142 100

141 89.8 69.8 104.8

115 43.0 28.3 42.5#

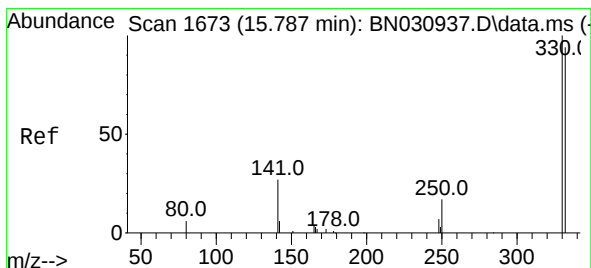
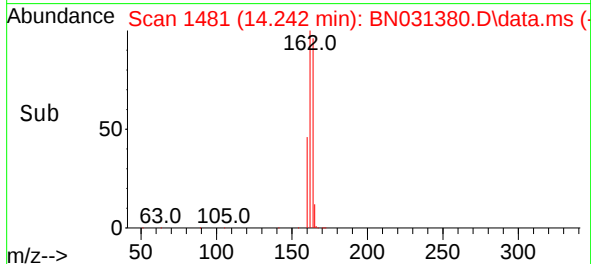
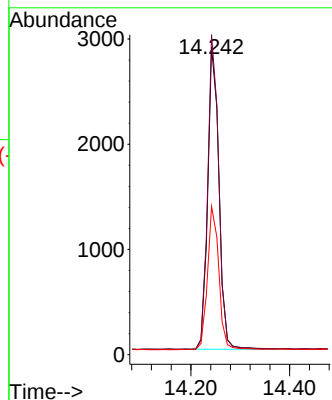
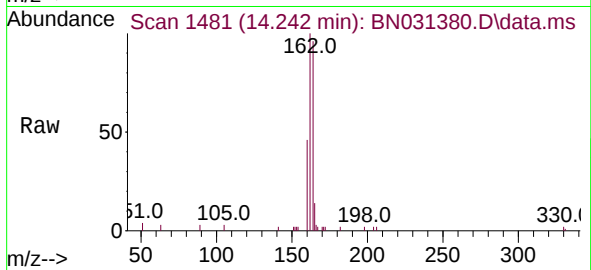




#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.242 min Scan# 14  
Delta R.T. -0.000 min  
Lab File: BN031380.D  
Acq: 02 May 2024 20:28

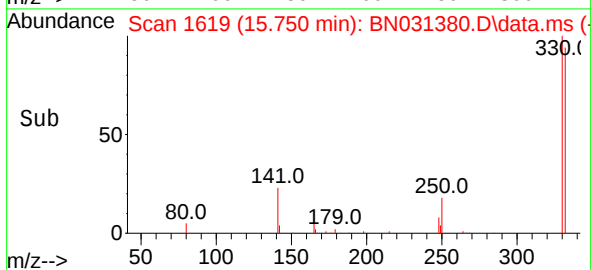
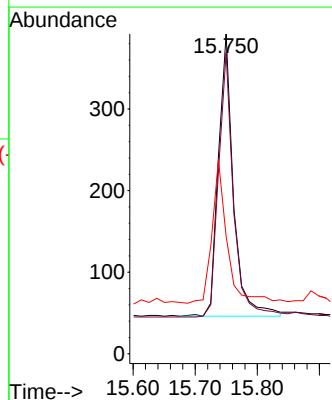
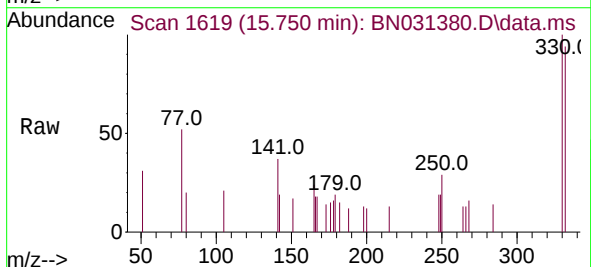
Instrument :  
BNA\_N  
ClientSampleId :  
PB160578BSD

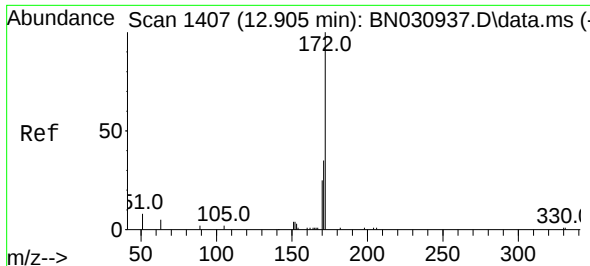
Tgt Ion:164 Resp: 4524  
Ion Ratio Lower Upper  
164 100  
162 104.0 80.6 121.0  
160 48.2 40.7 61.1



#14  
2,4,6-Tribromophenol  
Concen: 0.332 ng  
RT: 15.750 min Scan# 1619  
Delta R.T. -0.000 min  
Lab File: BN031380.D  
Acq: 02 May 2024 20:28

Tgt Ion:330 Resp: 582  
Ion Ratio Lower Upper  
330 100  
332 93.5 74.2 111.2  
141 51.2 37.2 55.8

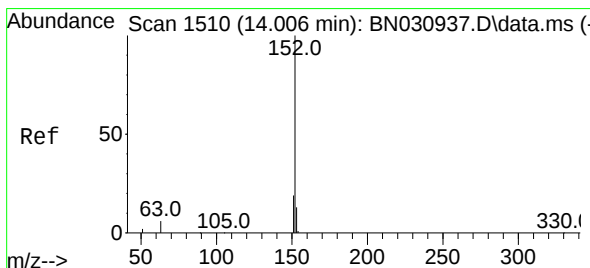
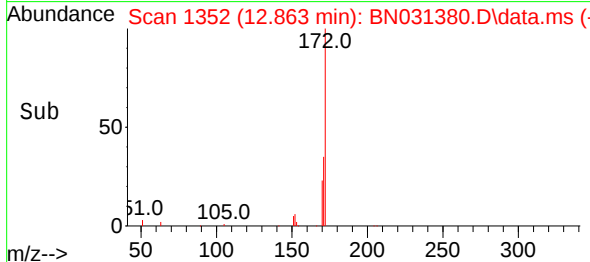
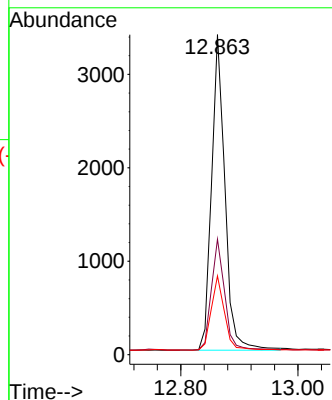
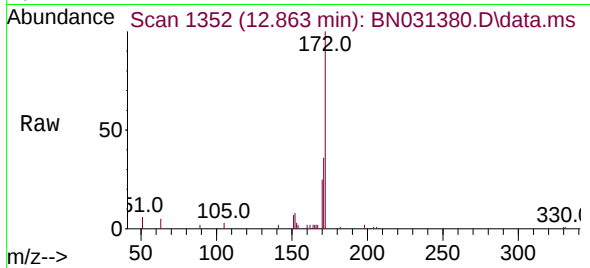




#15  
2-Fluorobiphenyl  
Concen: 0.352 ng  
RT: 12.863 min Scan# 1452  
Delta R.T. -0.000 min  
Lab File: BN031380.D  
Acq: 02 May 2024 20:28

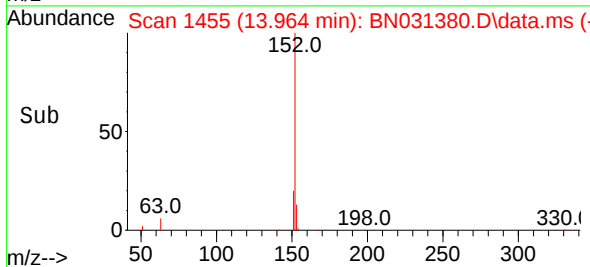
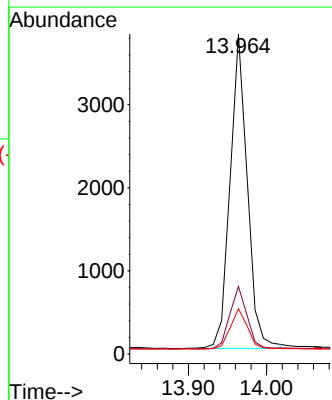
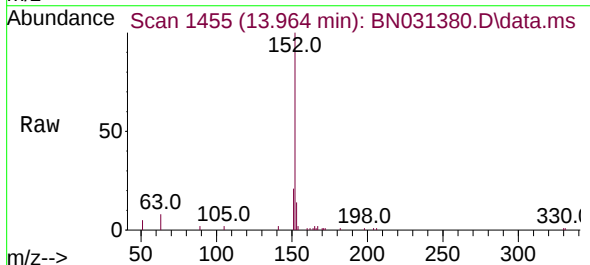
Instrument :  
BNA\_N  
ClientSampleId :  
PB160578BSD

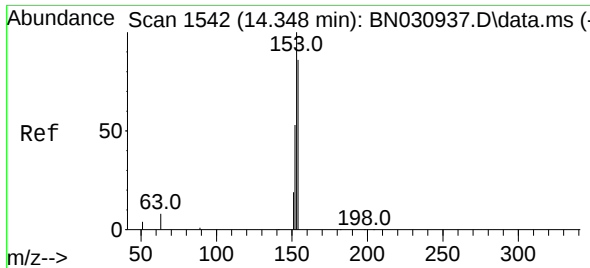
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 172   | Resp: | 5353  |
| Ion      | Ratio | Lower | Upper |
| 172      | 100   |       |       |
| 171      | 36.1  | 28.3  | 42.5  |
| 170      | 24.6  | 19.8  | 29.8  |



#16  
Acenaphthylene  
Concen: 0.292 ng  
RT: 13.964 min Scan# 1455  
Delta R.T. -0.000 min  
Lab File: BN031380.D  
Acq: 02 May 2024 20:28

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 152   | Resp: | 5816  |
| Ion      | Ratio | Lower | Upper |
| 152      | 100   |       |       |
| 151      | 19.8  | 15.3  | 22.9  |
| 153      | 13.1  | 10.4  | 15.6  |

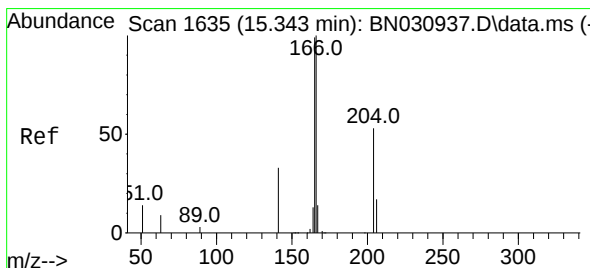
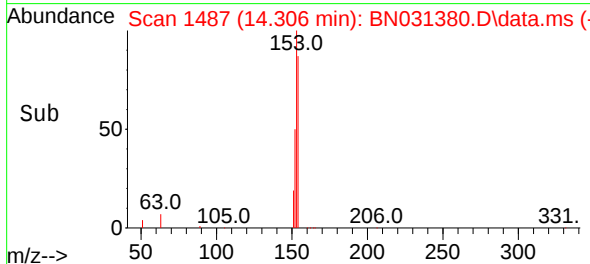
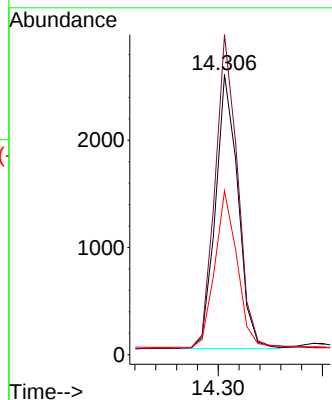
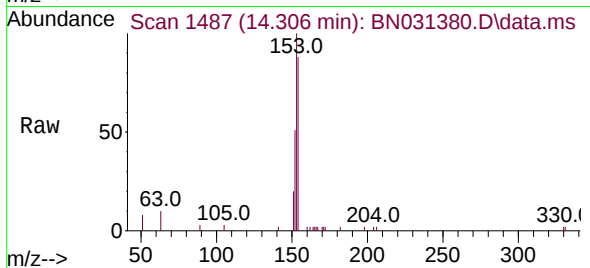




#17  
Acenaphthene  
Concen: 0.272 ng  
RT: 14.306 min Scan# 1487  
Delta R.T. -0.000 min  
Lab File: BN031380.D  
Acq: 02 May 2024 20:28

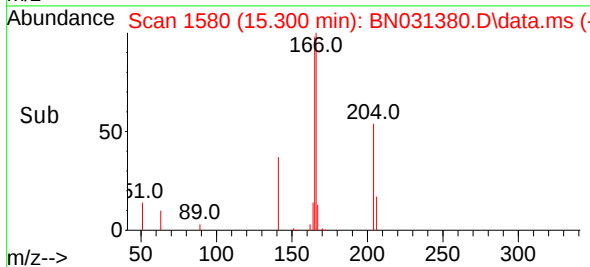
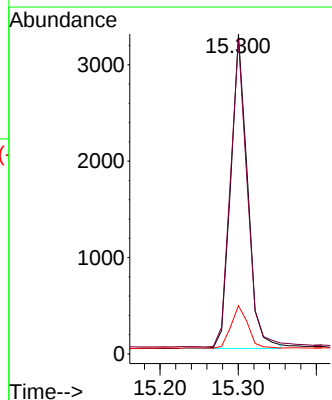
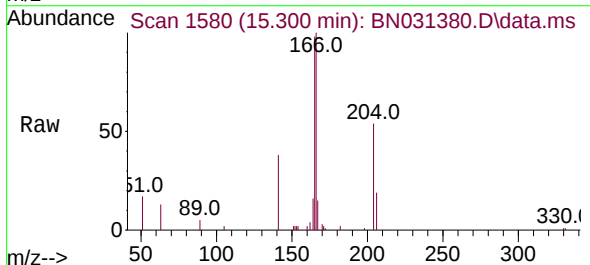
Instrument :  
BNA\_N  
ClientSampleId :  
PB160578BSD

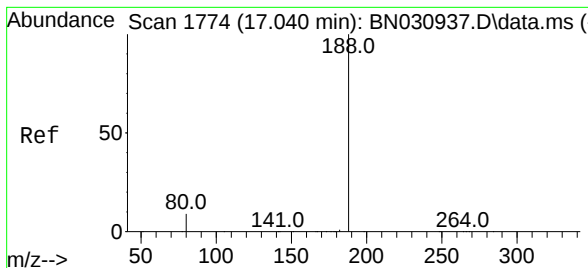
Tgt Ion:154 Resp: 3834  
Ion Ratio Lower Upper  
154 100  
153 115.0 91.1 136.7  
152 56.4 47.6 71.4



#18  
Fluorene  
Concen: 0.260 ng  
RT: 15.300 min Scan# 1580  
Delta R.T. -0.000 min  
Lab File: BN031380.D  
Acq: 02 May 2024 20:28

Tgt Ion:166 Resp: 4850  
Ion Ratio Lower Upper  
166 100  
165 98.4 78.3 117.5  
167 13.6 11.1 16.7





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.003 min Scan# 1

Delta R.T. -0.000 min

Lab File: BN031380.D

Acq: 02 May 2024 20:28

Instrument :

BNA\_N

ClientSampleId :

PB160578BSD

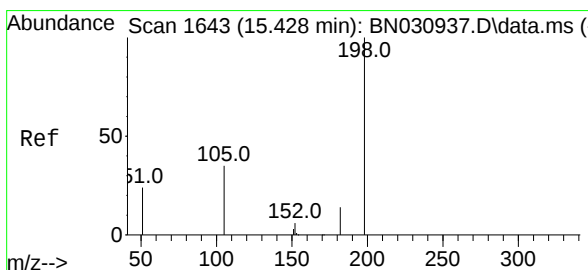
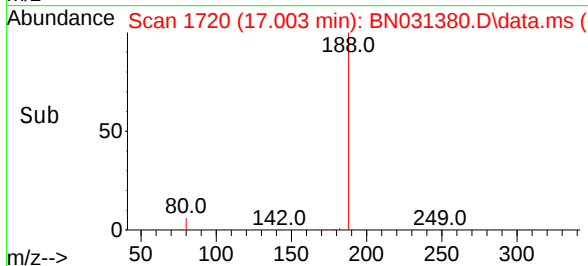
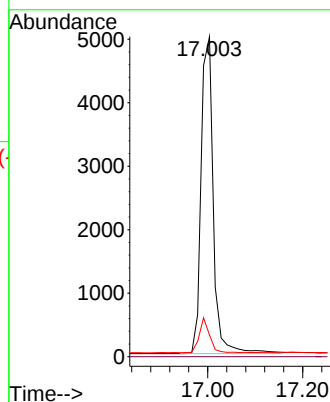
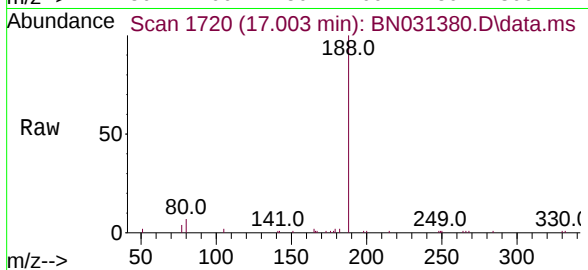
Tgt Ion:188 Resp: 8971

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 6.8 7.4 11.2#



#20

4,6-Dinitro-2-methylphenol

Concen: 0.414 ng

RT: 15.396 min Scan# 1589

Delta R.T. -0.000 min

Lab File: BN031380.D

Acq: 02 May 2024 20:28

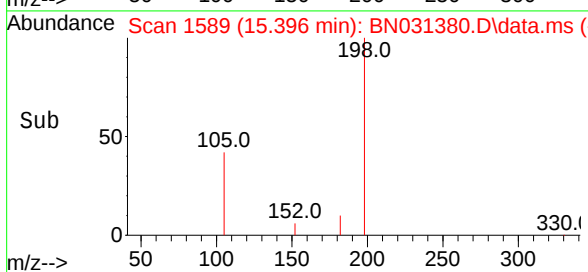
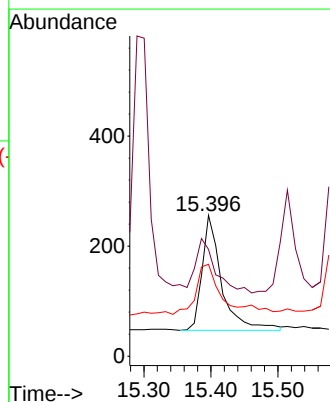
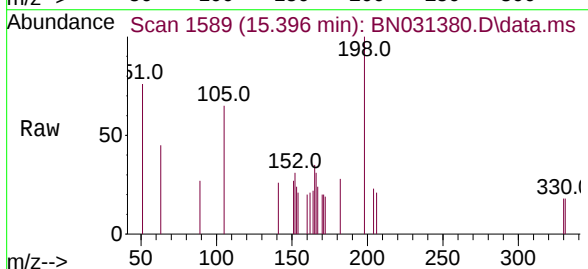
Tgt Ion:198 Resp: 425

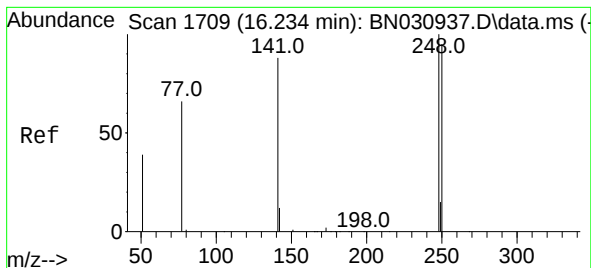
Ion Ratio Lower Upper

198 100

51 75.8 65.2 97.8

105 65.2 41.0 61.4#

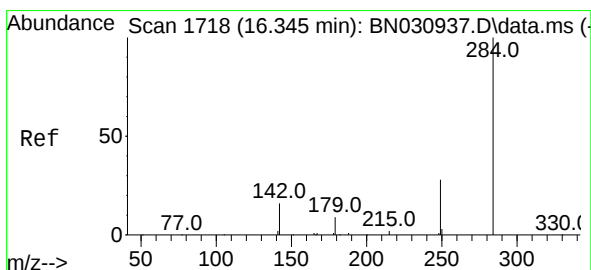
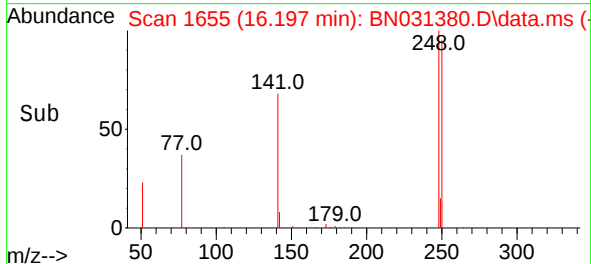
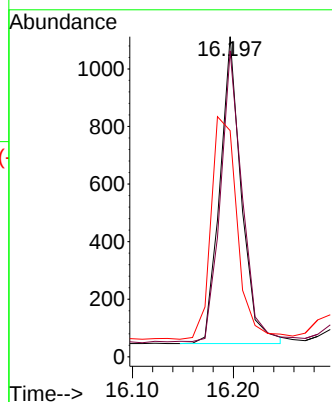
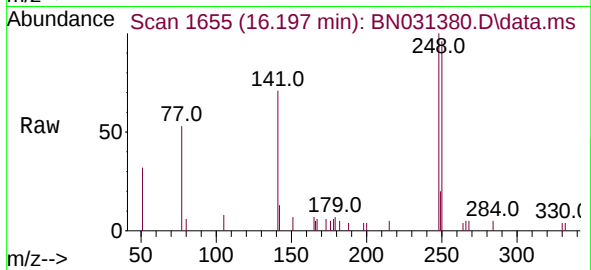




#21  
4-Bromophenyl-phenylether  
Concen: 0.296 ng  
RT: 16.197 min Scan# 1663  
Delta R.T. -0.000 min  
Lab File: BN031380.D  
Acq: 02 May 2024 20:28

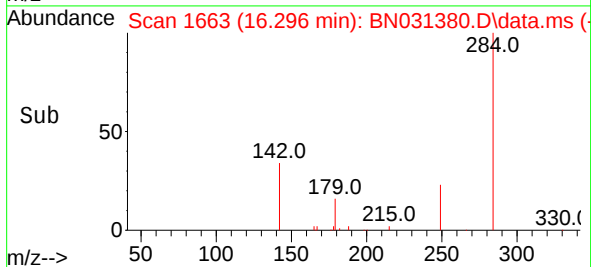
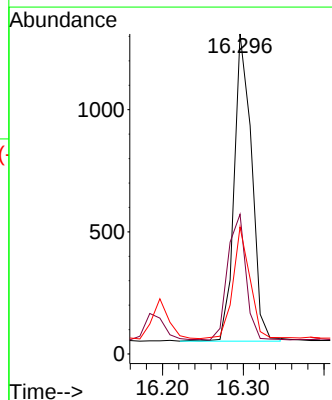
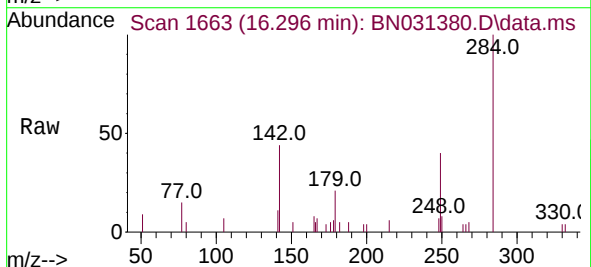
Instrument :  
BNA\_N  
ClientSampleId :  
PB160578BSD

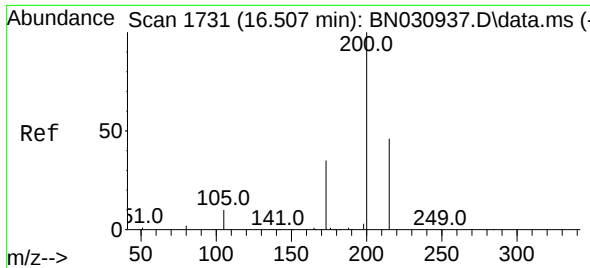
Tgt Ion:248 Resp: 1577  
Ion Ratio Lower Upper  
248 100  
250 95.6 76.1 114.1  
141 70.7 71.1 106.7#



#22  
Hexachlorobenzene  
Concen: 0.304 ng  
RT: 16.296 min Scan# 1663  
Delta R.T. -0.000 min  
Lab File: BN031380.D  
Acq: 02 May 2024 20:28

Tgt Ion:284 Resp: 1889  
Ion Ratio Lower Upper  
284 100  
142 42.3 33.0 49.4  
249 35.2 25.5 38.3

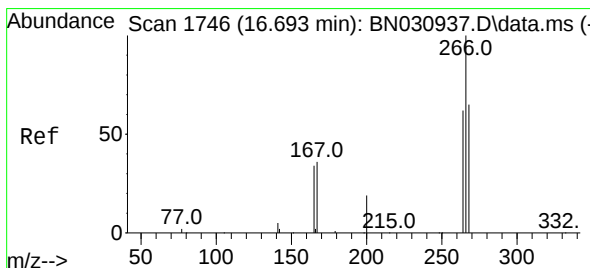
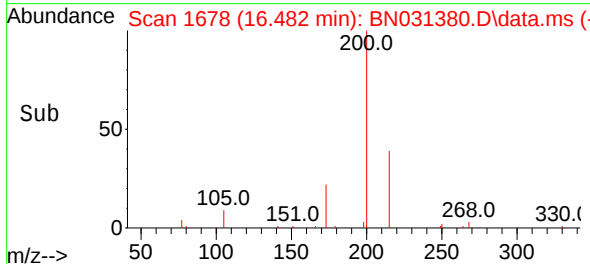
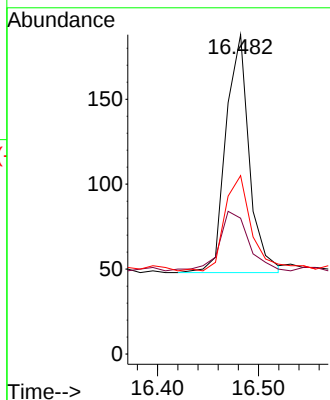
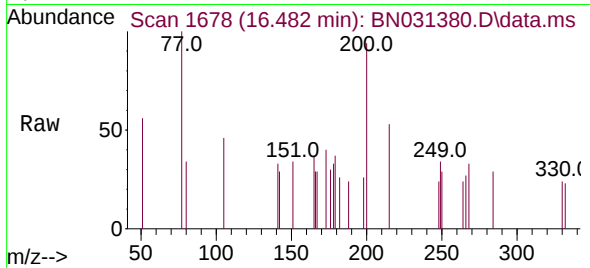




#23  
Atrazine  
Concen: 0.058 ng  
RT: 16.482 min Scan# 1692  
Delta R.T. 0.012 min  
Lab File: BN031380.D  
Acq: 02 May 2024 20:28

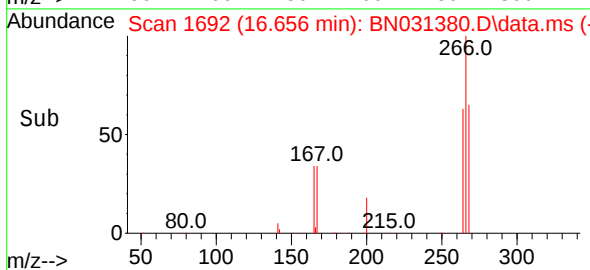
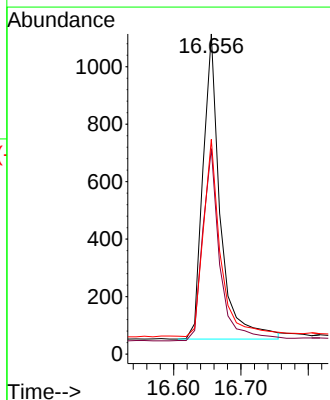
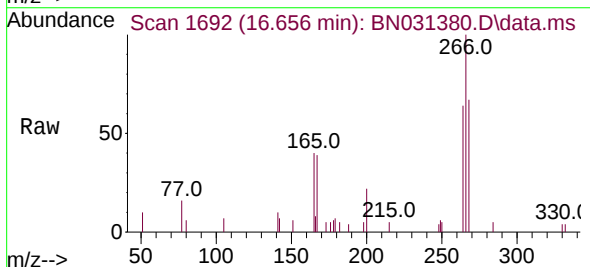
Instrument :  
BNA\_N  
ClientSampleId :  
PB160578BSD

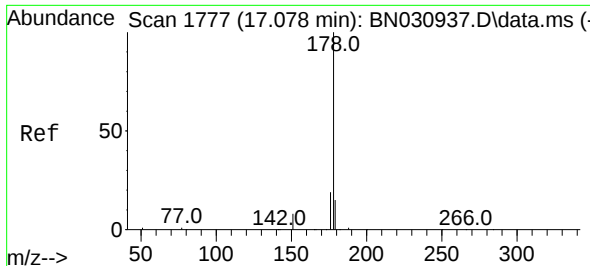
Tgt Ion:200 Resp: 225  
Ion Ratio Lower Upper  
200 100  
173 42.6 29.9 44.9  
215 55.9 38.7 58.1



#24  
Pentachlorophenol  
Concen: 0.884 ng  
RT: 16.656 min Scan# 1692  
Delta R.T. -0.000 min  
Lab File: BN031380.D  
Acq: 02 May 2024 20:28

Tgt Ion:266 Resp: 1904  
Ion Ratio Lower Upper  
266 100  
264 62.7 50.2 75.2  
268 63.9 52.3 78.5

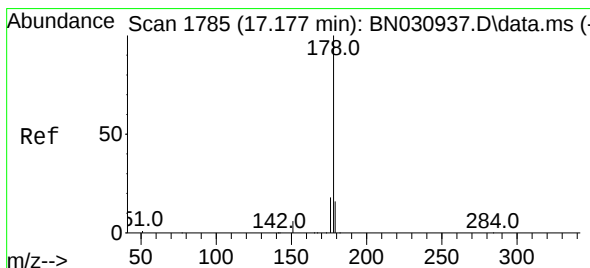
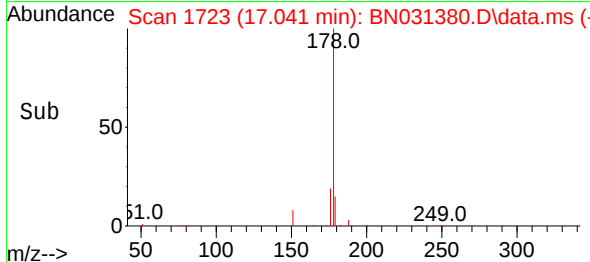
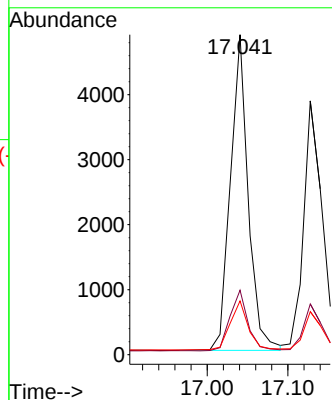
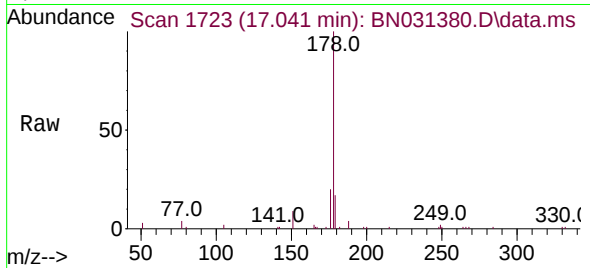




#25  
Phenanthrene  
Concen: 0.281 ng  
RT: 17.041 min Scan# 1730  
Delta R.T. -0.000 min  
Lab File: BN031380.D  
Acq: 02 May 2024 20:28

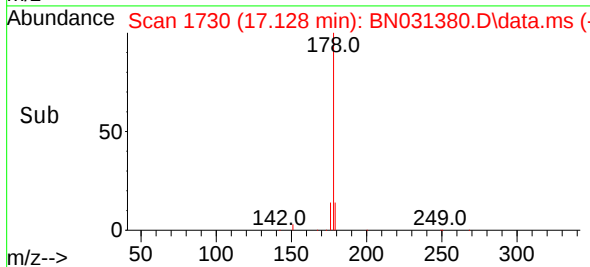
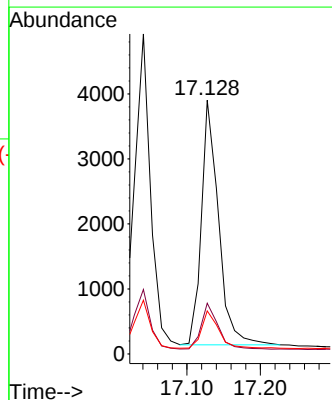
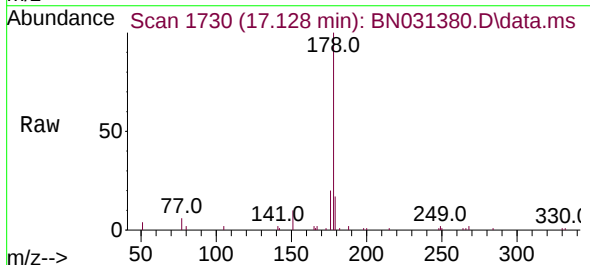
Instrument :  
BNA\_N  
ClientSampleId :  
PB160578BSD

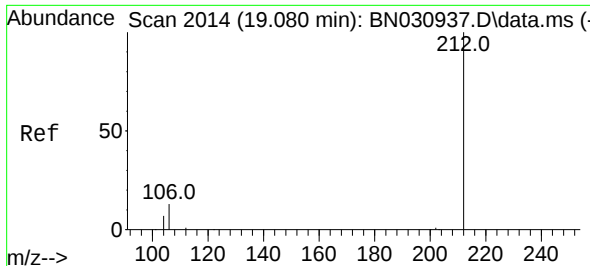
Tgt Ion:178 Resp: 7443  
Ion Ratio Lower Upper  
178 100  
176 19.2 15.1 22.7  
179 15.7 12.2 18.2



#26  
Anthracene  
Concen: 0.278 ng  
RT: 17.128 min Scan# 1730  
Delta R.T. -0.000 min  
Lab File: BN031380.D  
Acq: 02 May 2024 20:28

Tgt Ion:178 Resp: 6103  
Ion Ratio Lower Upper  
178 100  
176 18.5 14.6 22.0  
179 15.1 12.3 18.5

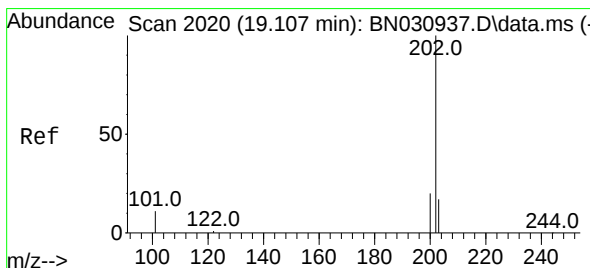
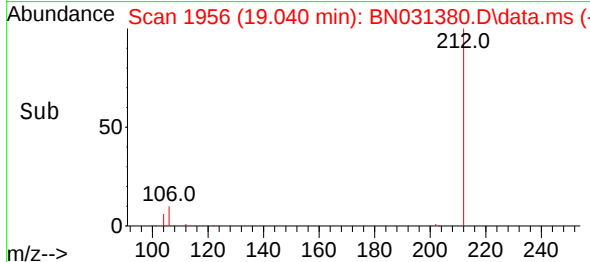
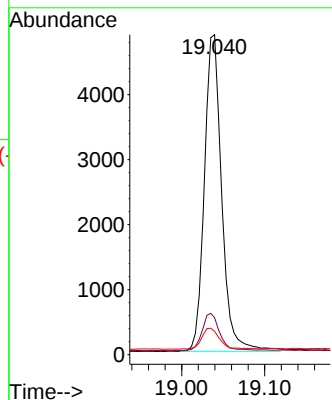
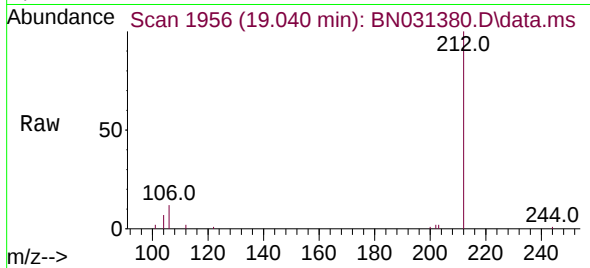




#27  
Fluoranthene-d10  
Concen: 0.293 ng  
RT: 19.040 min Scan# 1962  
Delta R.T. 0.004 min  
Lab File: BN031380.D  
Acq: 02 May 2024 20:28

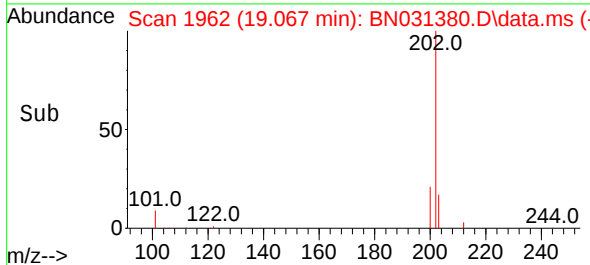
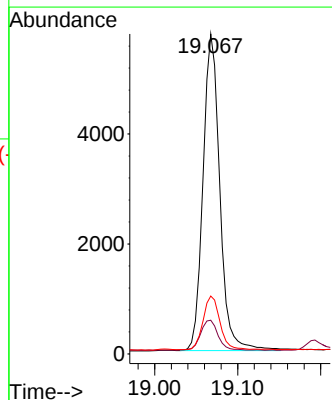
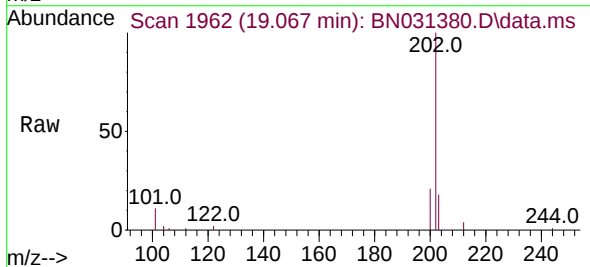
Instrument :  
BNA\_N  
ClientSampleId :  
PB160578BSD

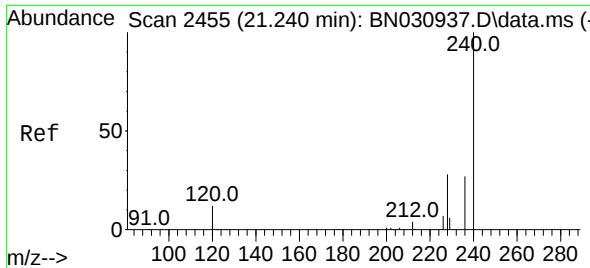
Tgt Ion:212 Resp: 7085  
Ion Ratio Lower Upper  
212 100  
106 12.1 12.0 18.0  
104 7.0 6.7 10.1



#28  
Fluoranthene  
Concen: 0.257 ng  
RT: 19.067 min Scan# 1962  
Delta R.T. -0.000 min  
Lab File: BN031380.D  
Acq: 02 May 2024 20:28

Tgt Ion:202 Resp: 8151  
Ion Ratio Lower Upper  
202 100  
101 9.8 9.4 14.2  
203 17.0 13.8 20.8

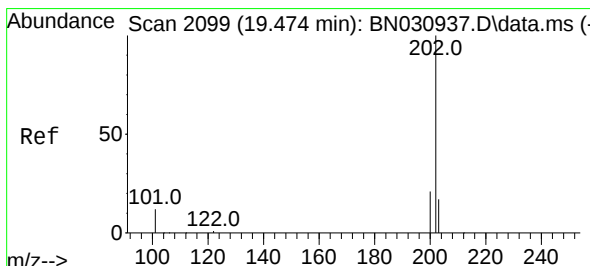
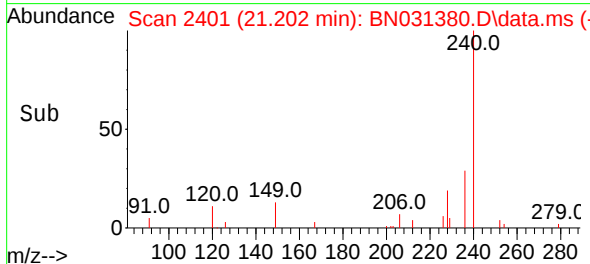
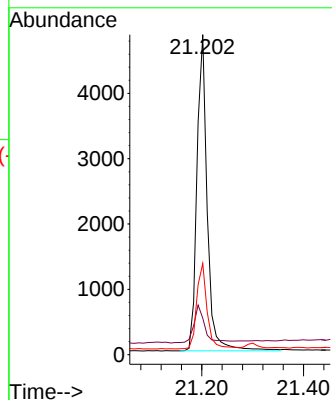
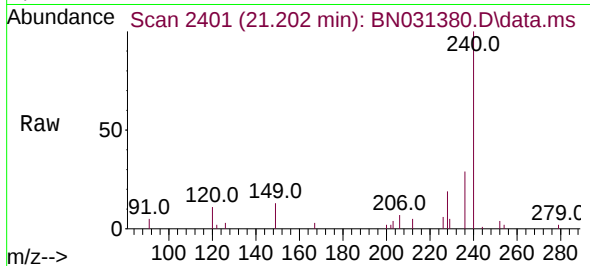




#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.202 min Scan# 2455  
Delta R.T. -0.000 min  
Lab File: BN031380.D  
Acq: 02 May 2024 20:28

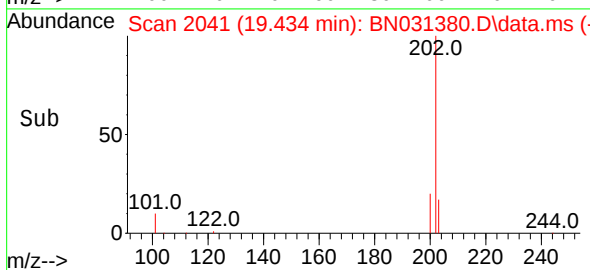
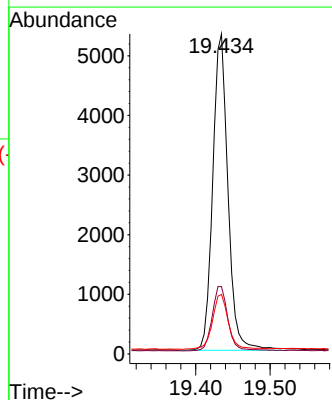
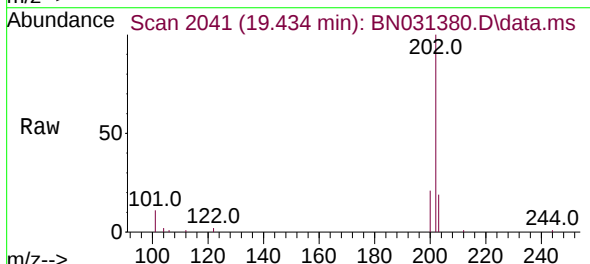
Instrument :  
BNA\_N  
ClientSampleId :  
PB160578BSD

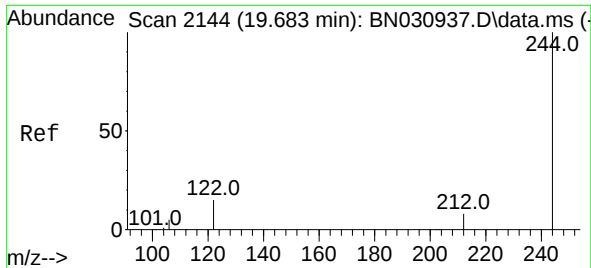
Tgt Ion:240 Resp: 6792  
Ion Ratio Lower Upper  
240 100  
120 11.4 11.0 16.4  
236 28.5 22.3 33.5



#30  
Pyrene  
Concen: 0.285 ng  
RT: 19.434 min Scan# 2041  
Delta R.T. -0.000 min  
Lab File: BN031380.D  
Acq: 02 May 2024 20:28

Tgt Ion:202 Resp: 7524  
Ion Ratio Lower Upper  
202 100  
200 21.2 16.6 25.0  
203 18.2 14.3 21.5

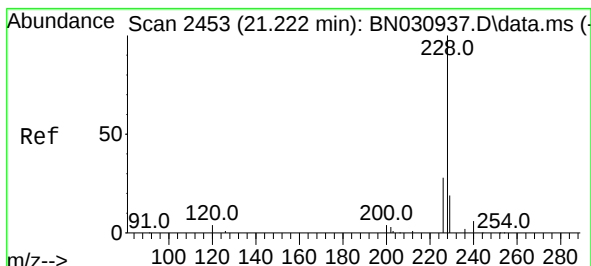
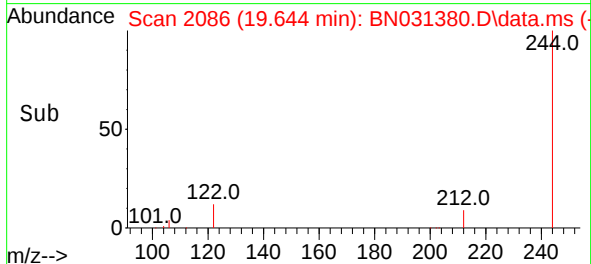
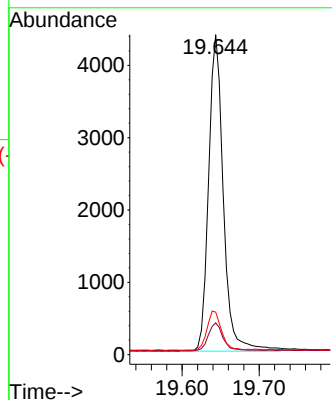
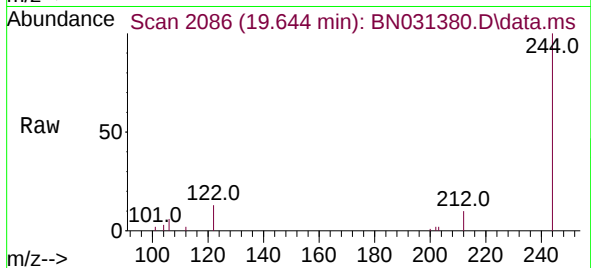




#31  
 Terphenyl-d14  
 Concen: 0.368 ng  
 RT: 19.644 min Scan# 2086  
 Delta R.T. -0.000 min  
 Lab File: BN031380.D  
 Acq: 02 May 2024 20:28

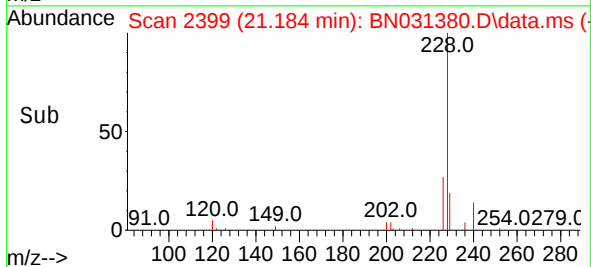
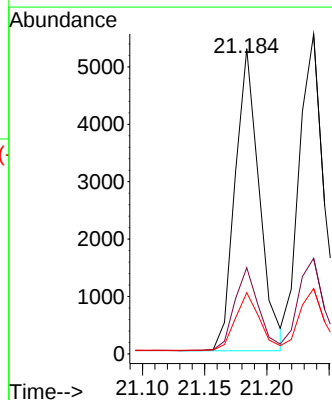
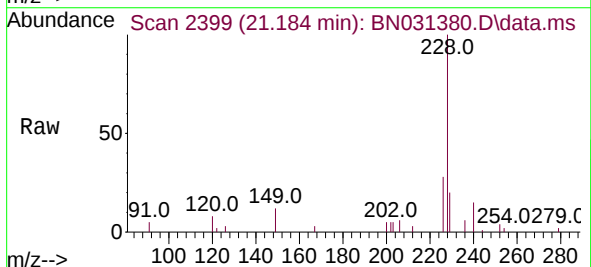
Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB160578BSD

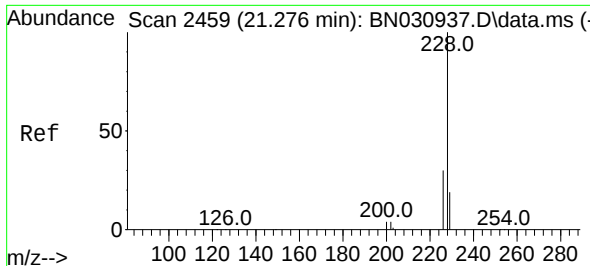
Tgt Ion:244 Resp: 5810  
 Ion Ratio Lower Upper  
 244 100  
 212 9.9 7.2 10.8  
 122 13.3 12.7 19.1



#32  
 Benzo(a)anthracene  
 Concen: 0.300 ng  
 RT: 21.184 min Scan# 2399  
 Delta R.T. -0.000 min  
 Lab File: BN031380.D  
 Acq: 02 May 2024 20:28

Tgt Ion:228 Resp: 7099  
 Ion Ratio Lower Upper  
 228 100  
 226 28.2 22.4 33.6  
 229 20.1 15.7 23.5





#33

Chrysene

Concen: 0.294 ng

RT: 21.238 min Scan# 2459

Delta R.T. -0.000 min

Lab File: BN031380.D

Acq: 02 May 2024 20:28

Instrument :

BNA\_N

ClientSampleId :

PB160578BSD

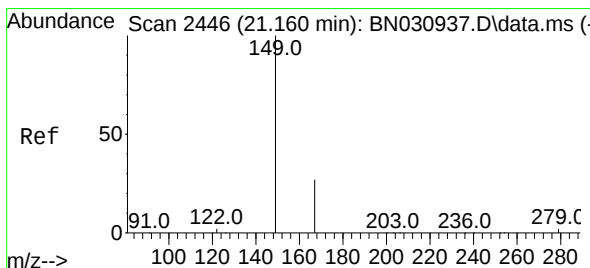
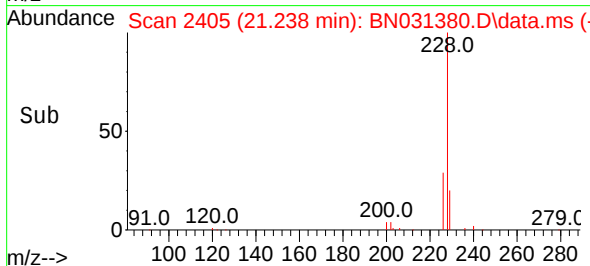
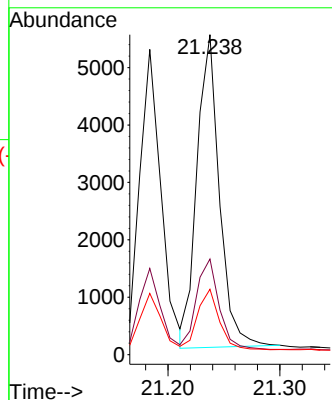
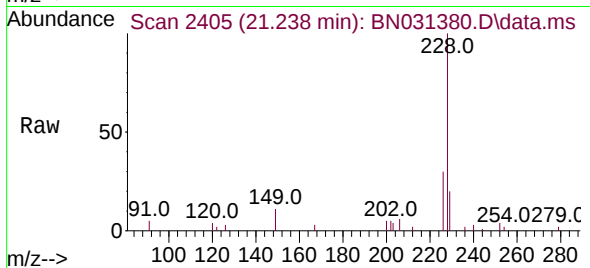
Tgt Ion:228 Resp: 7568

Ion Ratio Lower Upper

228 100

226 29.9 23.9 35.9

229 20.5 15.8 23.6



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.456 ng

RT: 21.121 min Scan# 2392

Delta R.T. -0.000 min

Lab File: BN031380.D

Acq: 02 May 2024 20:28

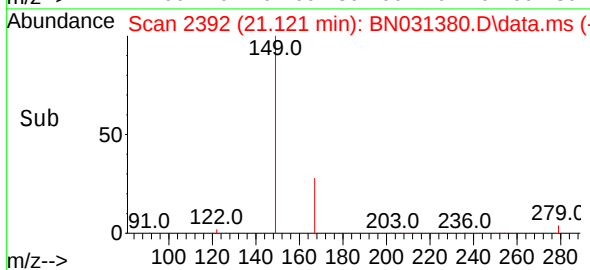
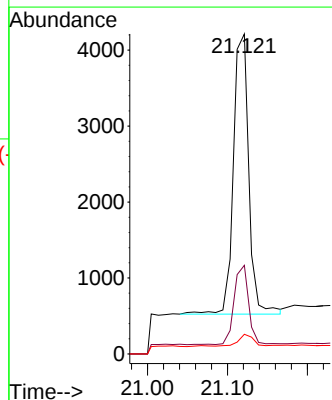
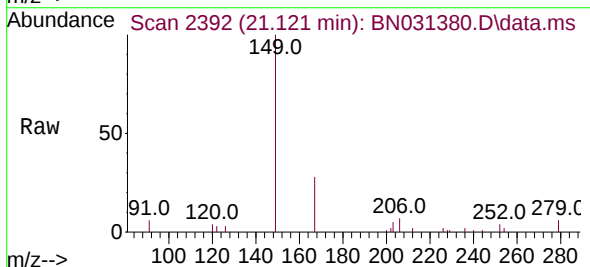
Tgt Ion:149 Resp: 4942

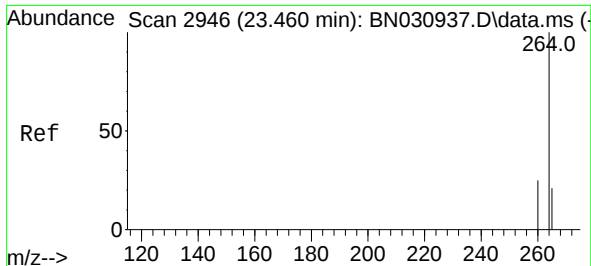
Ion Ratio Lower Upper

149 100

167 27.0 21.0 31.4

279 4.0 2.9 4.3





#35

Perylene-d12

Concen: 0.400 ng

RT: 23.399 min Scan# 21

Delta R.T. -0.009 min

Lab File: BN031380.D

Acq: 02 May 2024 20:28

Instrument :

BNA\_N

ClientSampleId :

PB160578BSD

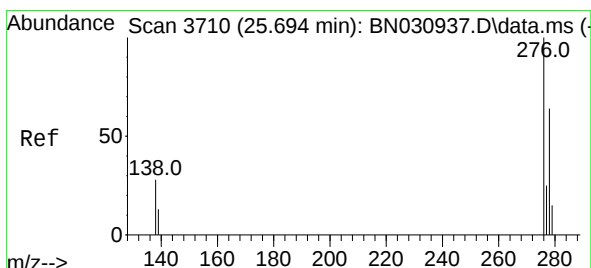
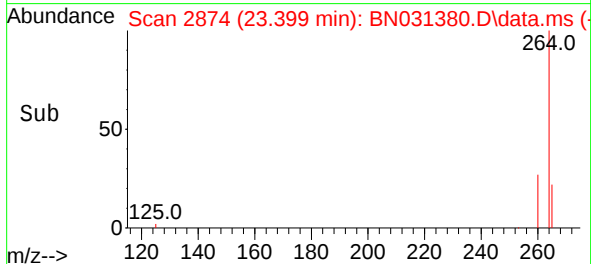
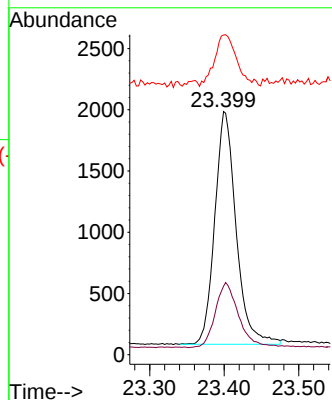
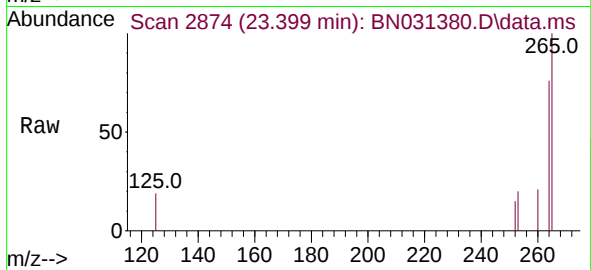
Tgt Ion:264 Resp: 3781

Ion Ratio Lower Upper

264 100

260 28.1 20.6 31.0

265 131.4 53.3 79.9#



#36

Indeno(1,2,3-cd)pyrene

Concen: 0.469 ng

RT: 25.606 min Scan# 3629

Delta R.T. -0.012 min

Lab File: BN031380.D

Acq: 02 May 2024 20:28

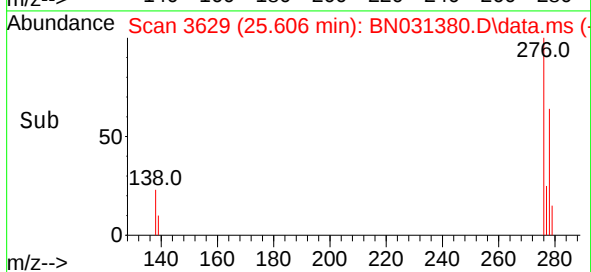
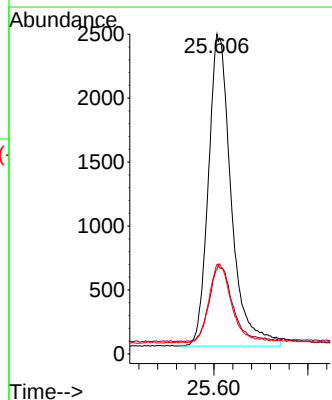
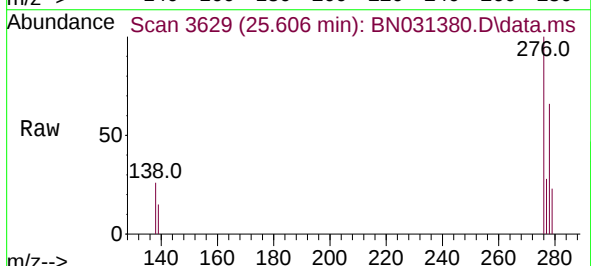
Tgt Ion:276 Resp: 8245

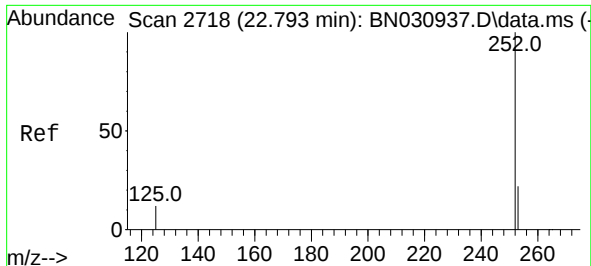
Ion Ratio Lower Upper

276 100

138 24.5 23.1 34.7

277 24.8 19.9 29.9





#37

Benzo(b)fluoranthene

Concen: 0.506 ng

RT: 22.738 min Scan# 2648

Delta R.T. -0.009 min

Lab File: BN031380.D

Acq: 02 May 2024 20:28

Instrument :

BNA\_N

ClientSampleId :

PB160578BSD

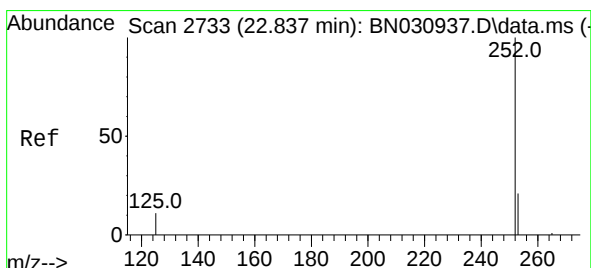
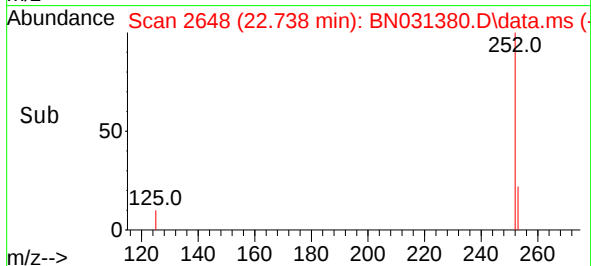
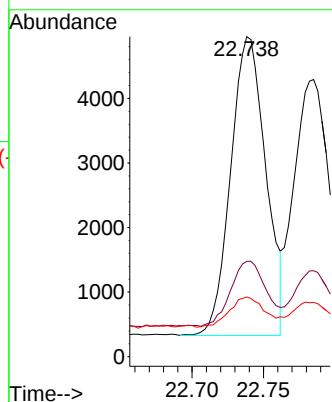
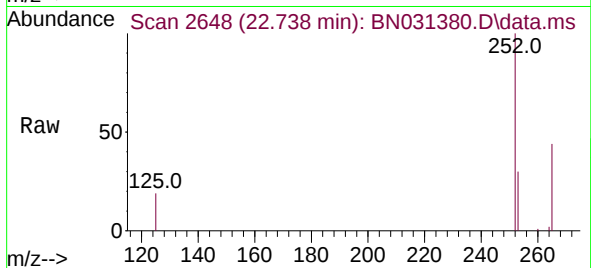
Tgt Ion:252 Resp: 7902

Ion Ratio Lower Upper

252 100

253 29.8 20.2 30.2

125 18.7 13.4 20.2



#38

Benzo(k)fluoranthene

Concen: 0.517 ng

RT: 22.738 min Scan# 2648

Delta R.T. -0.053 min

Lab File: BN031380.D

Acq: 02 May 2024 20:28

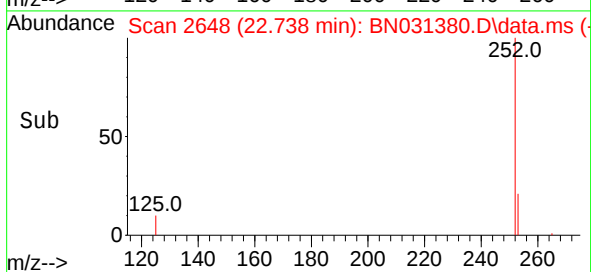
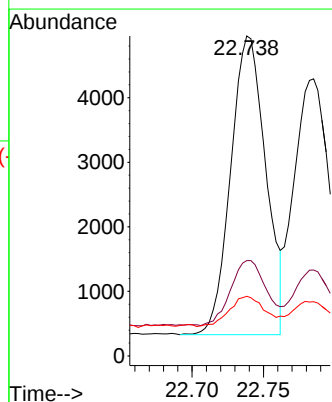
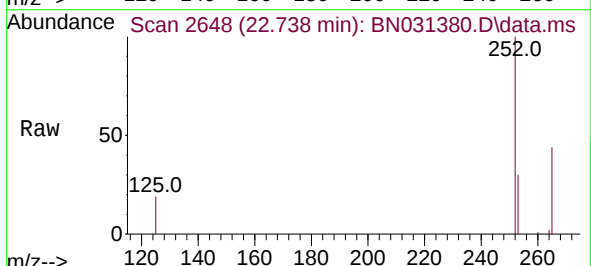
Tgt Ion:252 Resp: 7902

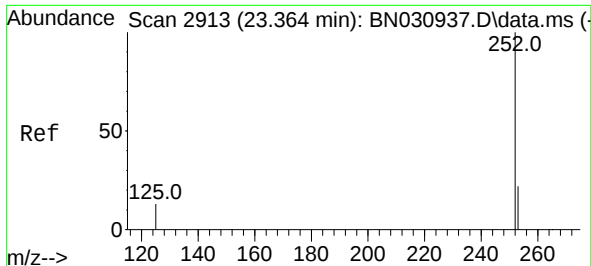
Ion Ratio Lower Upper

252 100

253 29.8 19.9 29.9

125 18.7 13.2 19.8





#39

Benzo(a)pyrene

Concen: 0.366 ng

RT: 23.302 min Scan# 21

Delta R.T. -0.009 min

Lab File: BN031380.D

Acq: 02 May 2024 20:28

Instrument :

BNA\_N

ClientSampleId :

PB160578BSD

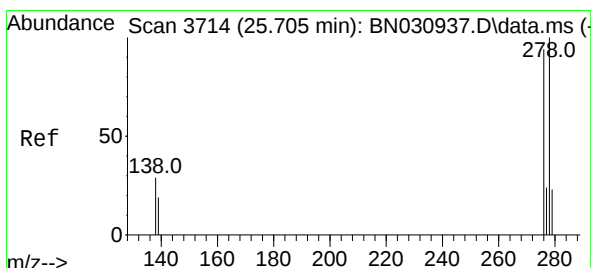
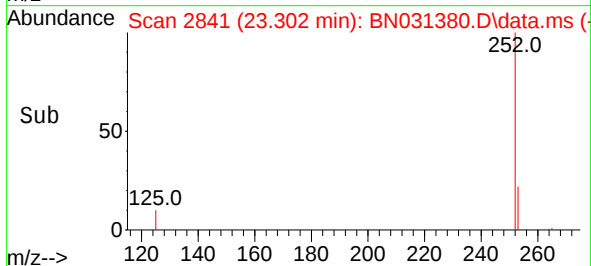
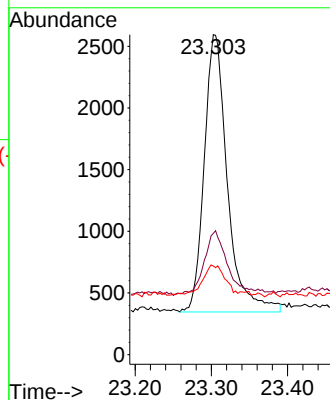
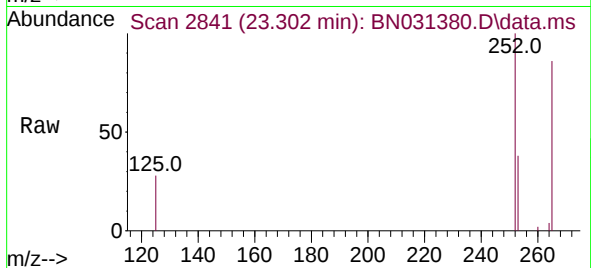
Tgt Ion:252 Resp: 4748

Ion Ratio Lower Upper

252 100

253 37.9 21.4 32.2#

125 27.7 16.6 25.0#



#40

Dibenzo(a,h)anthracene

Concen: 0.560 ng

RT: 25.627 min Scan# 3636

Delta R.T. -0.006 min

Lab File: BN031380.D

Acq: 02 May 2024 20:28

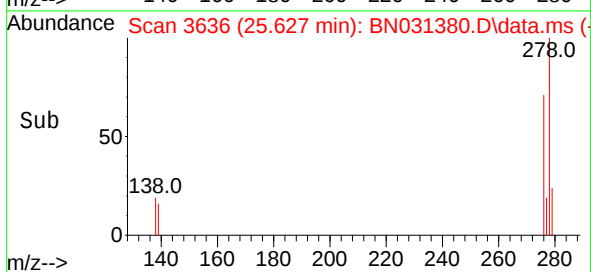
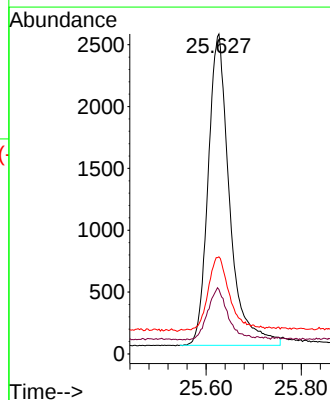
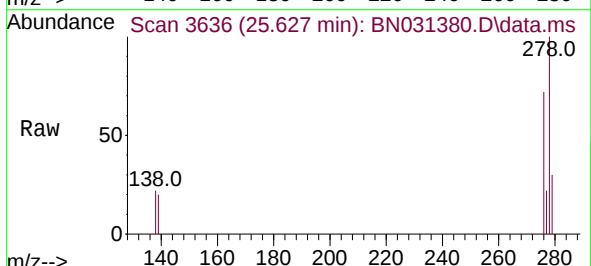
Tgt Ion:278 Resp: 7891

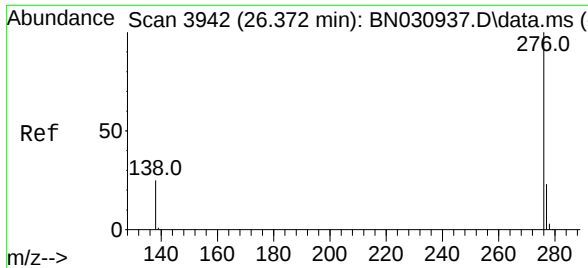
Ion Ratio Lower Upper

278 100

139 20.1 16.3 24.5

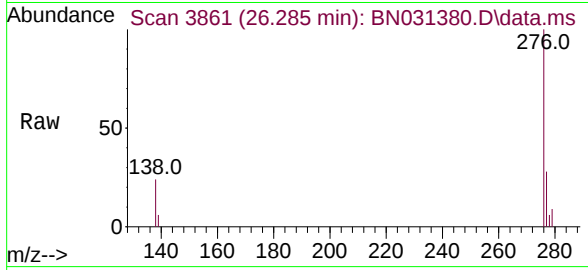
279 30.3 20.6 31.0





#41  
Benzo(g,h,i)perylene  
Concen: 0.433 ng  
RT: 26.285 min Scan# 30  
Delta R.T. -0.009 min  
Lab File: BN031380.D  
Acq: 02 May 2024 20:28

Instrument :  
BNA\_N  
ClientSampleId :  
PB160578BSD



Tgt Ion:276 Resp: 6717  
Ion Ratio Lower Upper  
276 100  
277 27.7 19.4 29.2  
138 24.5 21.0 31.4

