

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN050224\  
 Data File : BN031370.D  
 Acq On : 02 May 2024 13:37  
 Operator : MA/JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC0.4

Quant Time: May 02 15:03:16 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     | 7.603  | 152  | 4133     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.378 | 136  | 7580     | 0.400 | ng    | 0.00     |
| 13) Acenaphthene-d10          | 14.242 | 164  | 6616     | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.004 | 188  | 13875    | 0.400 | ng    | 0.00     |
| 29) Chrysene-d12              | 21.202 | 240  | 14973    | 0.400 | ng    | 0.00     |
| 35) Perylene-d12              | 23.408 | 264  | 14648    | 0.400 | ng    | 0.00     |
|                               |        |      |          |       |       |          |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.205  | 112  | 4172     | 0.453 | ng    | 0.00     |
| 5) Phenol-d6                  | 6.779  | 99   | 4086     | 0.366 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 8.755  | 82   | 3351     | 0.639 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 11.975 | 152  | 6471     | 0.555 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.750 | 330  | 1180     | 0.460 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 12.863 | 172  | 9000     | 0.405 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.035 | 212  | 15856    | 0.424 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.644 | 244  | 12853    | 0.370 | ng    | 0.00     |
|                               |        |      |          |       |       |          |
| Target Compounds              |        |      |          |       |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.154  | 88   | 2024     | 0.398 | ng    | 98       |
| 3) n-Nitrosodimethylamine     | 3.464  | 42   | 1739     | 0.365 | ng    | # 96     |
| 6) bis(2-Chloroethyl)ether    | 7.039  | 93   | 3172     | 0.288 | ng    | 97       |
| 9) Naphthalene                | 10.432 | 128  | 7920     | 0.379 | ng    | 99       |
| 10) Hexachlorobutadiene       | 10.709 | 225  | 1856     | 0.442 | ng    | # 99     |
| 12) 2-Methylnaphthalene       | 12.051 | 142  | 7806     | 0.562 | ng    | 99       |
| 16) Acenaphthylene            | 13.964 | 152  | 11326    | 0.388 | ng    | 100      |
| 17) Acenaphthene              | 14.306 | 154  | 7667     | 0.373 | ng    | 99       |
| 18) Fluorene                  | 15.300 | 166  | 9886     | 0.363 | ng    | 99       |
| 20) 4,6-Dinitro-2-methylph... | 15.397 | 198  | 738      | 0.452 | ng    | 91       |
| 21) 4-Bromophenyl-phenylether | 16.197 | 248  | 2834     | 0.344 | ng    | # 86     |
| 22) Hexachlorobenzene         | 16.296 | 284  | 2578     | 0.268 | ng    | 97       |
| 23) Atrazine                  | 16.470 | 200  | 2306     | 0.387 | ng    | 95       |
| 24) Pentachlorophenol         | 16.656 | 266  | 1367     | 0.484 | ng    | 100      |
| 25) Phenanthrene              | 17.041 | 178  | 15144    | 0.370 | ng    | 99       |
| 26) Anthracene                | 17.128 | 178  | 12892    | 0.380 | ng    | 100      |
| 28) Fluoranthene              | 19.068 | 202  | 20221    | 0.412 | ng    | 100      |
| 30) Pyrene                    | 19.435 | 202  | 21523    | 0.370 | ng    | 100      |
| 32) Benzo(a)anthracene        | 21.184 | 228  | 20298    | 0.389 | ng    | 100      |
| 33) Chrysene                  | 21.238 | 228  | 20225    | 0.357 | ng    | 99       |
| 34) Bis(2-ethylhexyl)phtha... | 21.121 | 149  | 16126    | 0.675 | ng    | 98       |
| 36) Indeno(1,2,3-cd)pyrene    | 25.618 | 276  | 26241    | 0.385 | ng    | 98       |
| 37) Benzo(b)fluoranthene      | 22.747 | 252  | 20415    | 0.338 | ng    | 97       |
| 38) Benzo(k)fluoranthene      | 22.791 | 252  | 20217    | 0.342 | ng    | 98       |
| 39) Benzo(a)pyrene            | 23.312 | 252  | 15502    | 0.308 | ng    | 99       |
| 40) Dibenzo(a,h)anthracene    | 25.633 | 278  | 20645    | 0.378 | ng    | 99       |
| 41) Benzo(g,h,i)perylene      | 26.294 | 276  | 19703    | 0.328 | ng    | 99       |
| -----                         |        |      |          |       |       |          |

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

BNA N

**ClientSampleId :**

SSTDCCC0.4

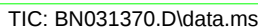
Quant Time: May 02 15:03:16 2024

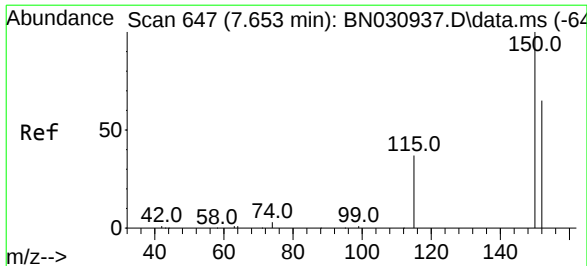
Quant Method : Z:\svoasrv\HPCHEM1\BNA N\Methods\8270-SIM-BN041524.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu May 02 15:02:22 2024

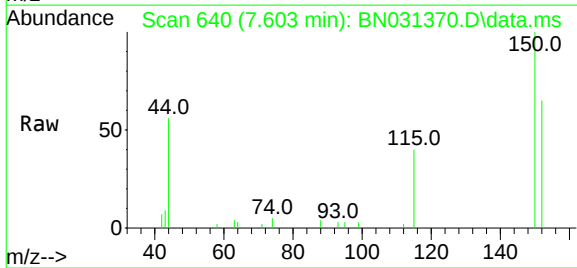
Response via : Initial Calibration



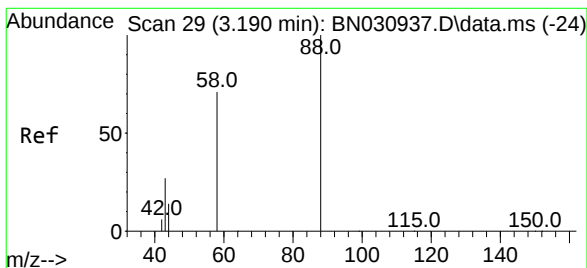
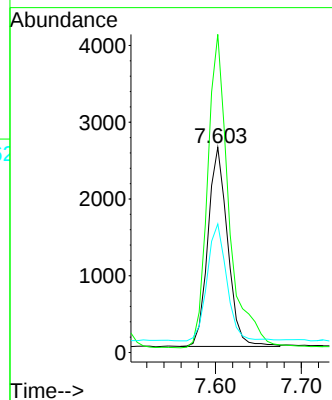
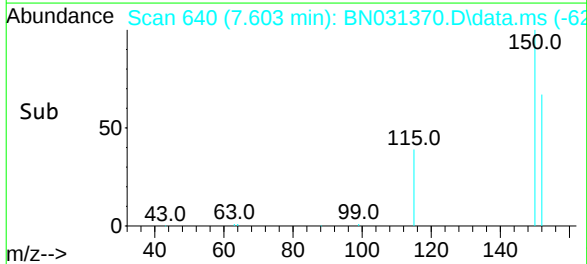


#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 7.603 min Scan# 64  
 Delta R.T. -0.000 min  
 Lab File: BN031370.D  
 Acq: 02 May 2024 13:37

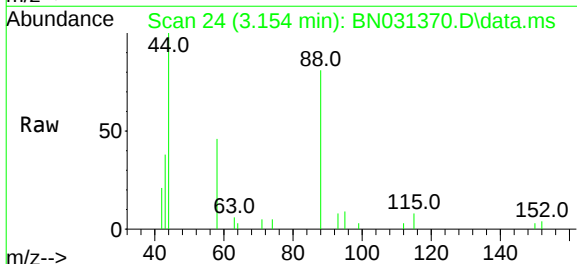
Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC0.4



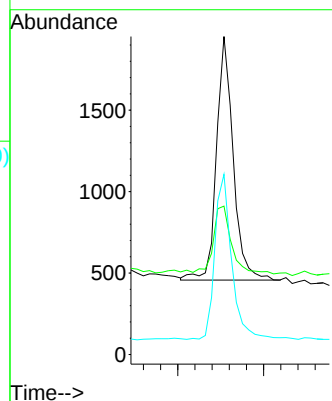
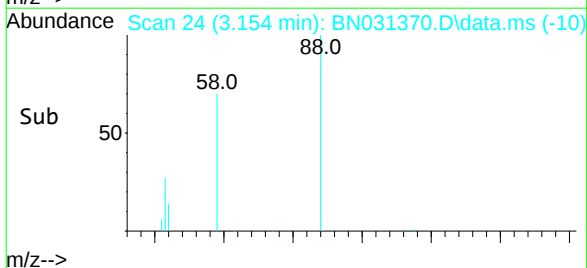
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 Ion Ratio Lower Upper  
 152 100  
 150 155.0 121.7 182.5  
 115 62.6 47.8 71.8

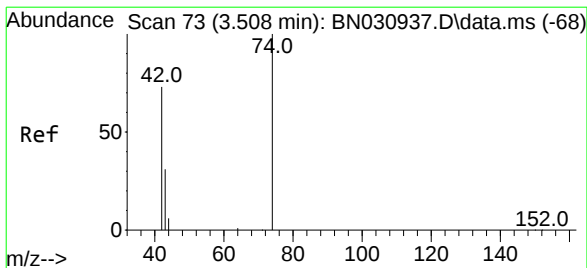


#2  
 1,4-Dioxane  
 Concen: 0.398 ng  
 RT: 3.154 min Scan# 24  
 Delta R.T. 0.000 min  
 Lab File: BN031370.D  
 Acq: 02 May 2024 13:37



Tgt Ion: 88 Resp: 2024  
 Ion Ratio Lower Upper  
 88 100  
 43 28.8 23.7 35.5  
 58 68.2 55.7 83.5





#3

n-Nitrosodimethylamine

Concen: 0.365 ng

RT: 3.464 min Scan# 67

Delta R.T. 0.000 min

Lab File: BN031370.D

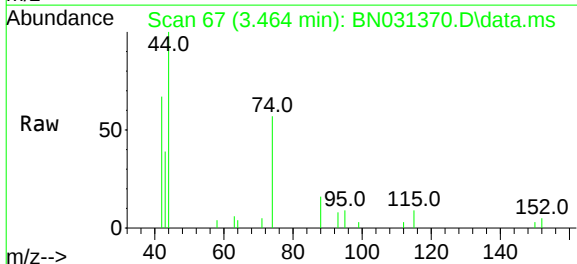
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Instrument :

BNA\_N

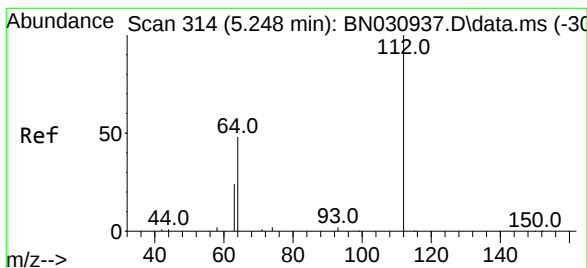
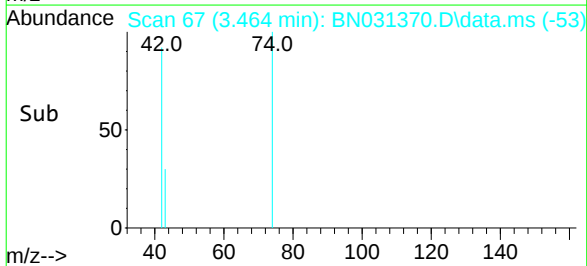
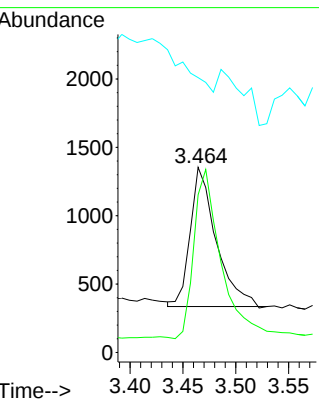
ClientSampleId :

SSTDCCC0.4



Tgt Ion: 42 Resp: 1739

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 42  | 100   |       |       |
| 74  | 125.4 | 103.1 | 154.7 |
| 44  | 0.0   | 7.0   | 10.6  |



#4

2-Fluorophenol

Concen: 0.453 ng

RT: 5.205 min Scan# 308

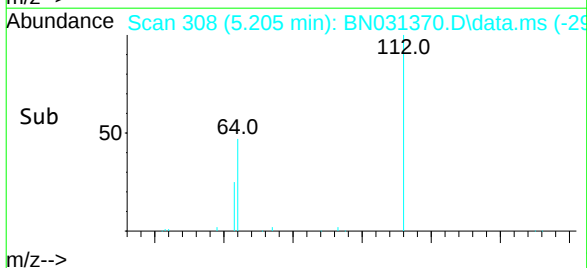
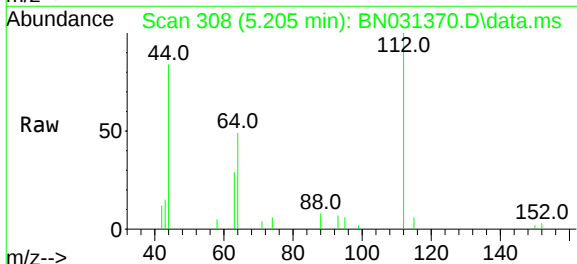
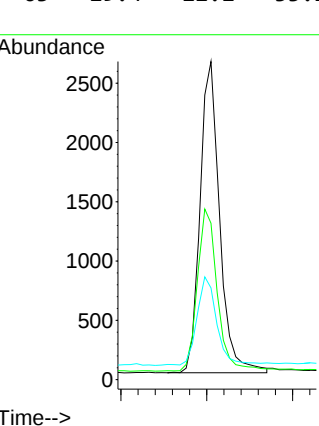
Delta R.T. 0.000 min

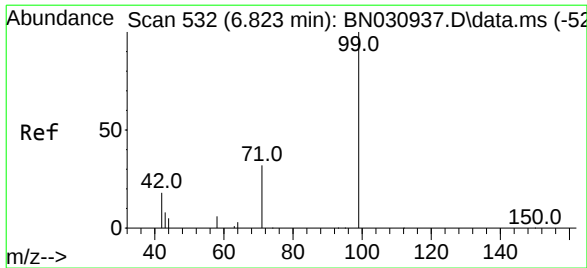
Lab File: BN031370.D

Acq: 02 May 2024 13:37

Tgt Ion: 112 Resp: 4172

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 112 | 100   |       |       |
| 64  | 53.1  | 43.4  | 65.2  |
| 63  | 29.4  | 22.2  | 33.2  |





#5

Phenol-d6

Concen: 0.366 ng

RT: 6.779 min Scan# 52

Delta R.T. 0.000 min

Lab File: BN031370.D

Acq: 02 May 2024 13:37

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4

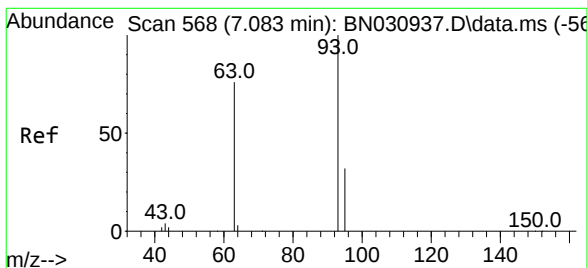
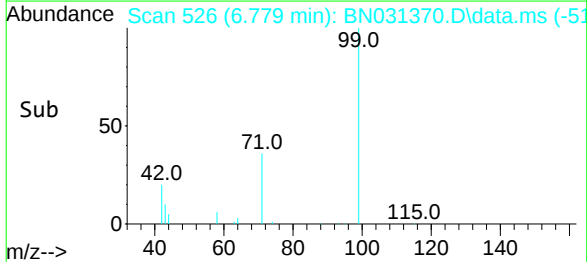
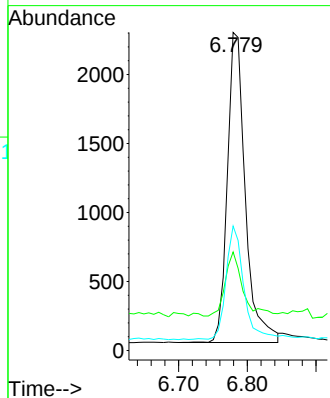
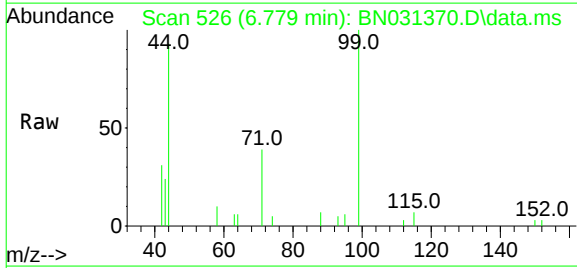
Tgt Ion: 99 Resp: 4086

Ion Ratio Lower Upper

99 100

42 20.0 16.4 24.6

71 36.1 26.3 39.5



#6

bis(2-Chloroethyl)ether

Concen: 0.288 ng

RT: 7.039 min Scan# 562

Delta R.T. 0.000 min

Lab File: BN031370.D

Acq: 02 May 2024 13:37

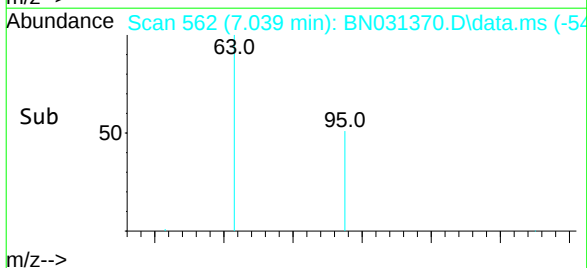
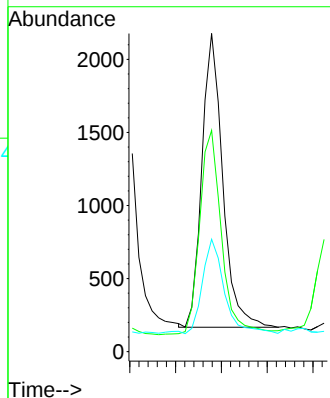
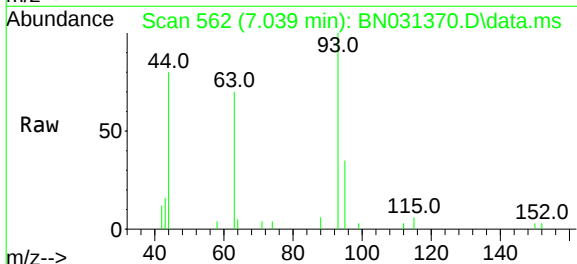
Tgt Ion: 93 Resp: 3172

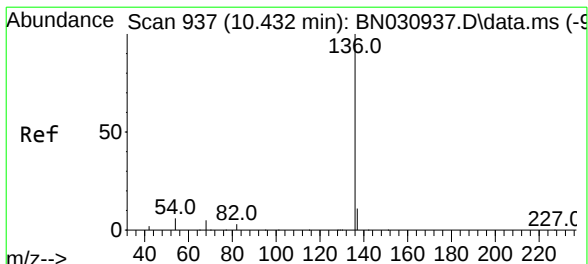
Ion Ratio Lower Upper

93 100

63 73.5 61.8 92.8

95 33.6 27.4 41.0

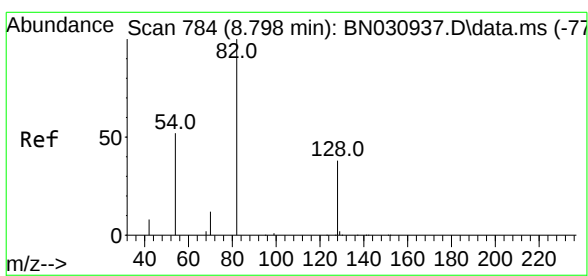
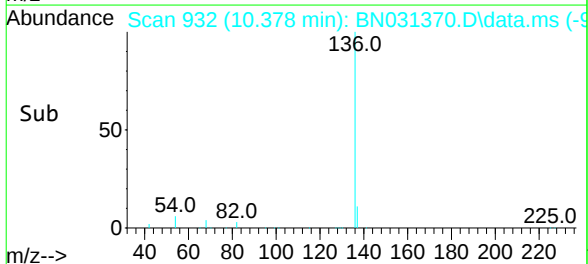
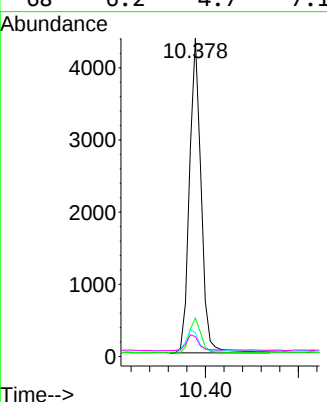
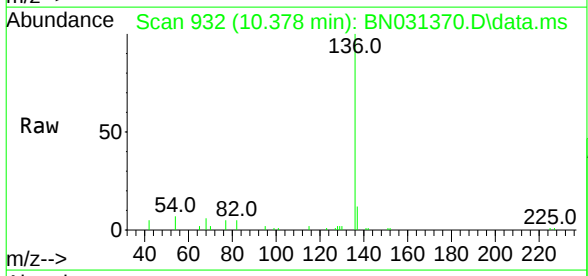




#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.378 min Scan# 937  
Delta R.T. 0.000 min  
Lab File: BN031370.D  
Acq: 02 May 2024 13:37

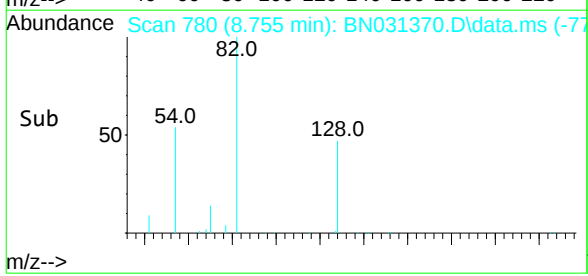
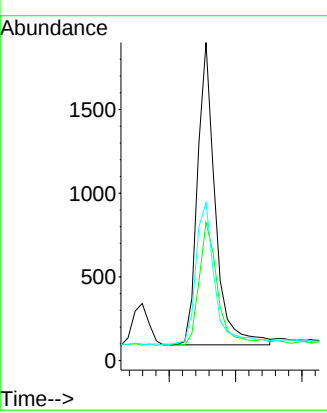
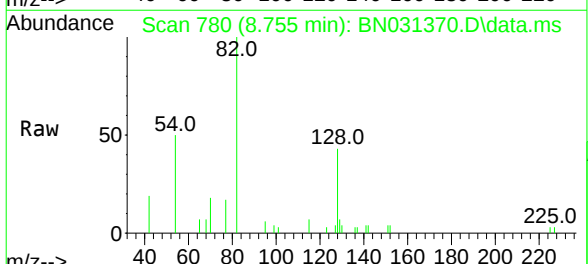
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

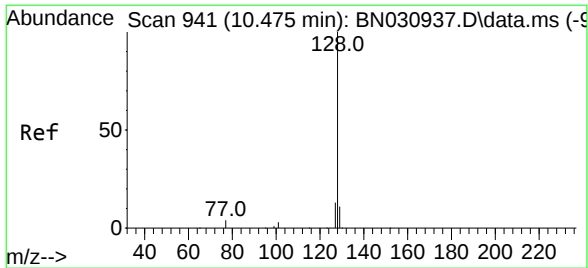
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|----------|-------|-------|-------|
| Tgt Ion: | 136   | Resp: | 7580  |
| Ion      | Ratio | Lower | Upper |
| 136      | 100   |       |       |
| 137      | 12.1  | 9.4   | 14.0  |
| 54       | 7.5   | 5.3   | 7.9   |
| 68       | 6.2   | 4.7   | 7.1   |



#8  
Nitrobenzene-d5  
Concen: 0.639 ng  
RT: 8.755 min Scan# 780  
Delta R.T. 0.000 min  
Lab File: BN031370.D  
Acq: 02 May 2024 13:37

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 82    | Resp: | 3351  |
| Ion      | Ratio | Lower | Upper |
| 82       | 100   |       |       |
| 128      | 43.5  | 33.7  | 50.5  |
| 54       | 49.7  | 43.7  | 65.5  |

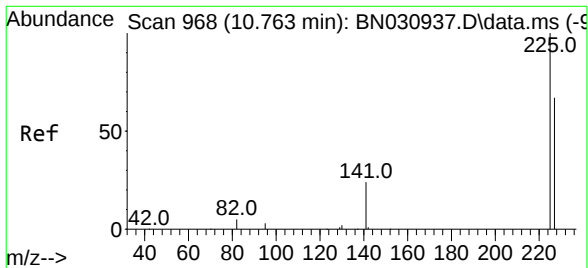
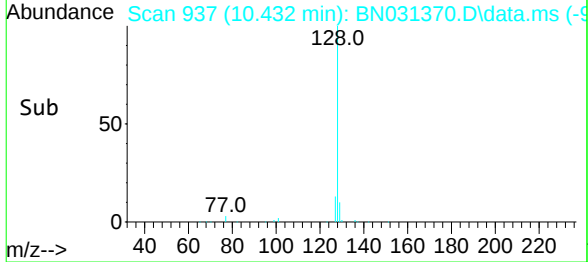
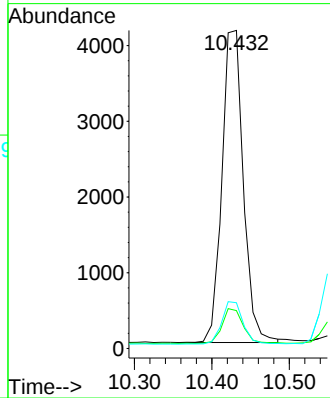
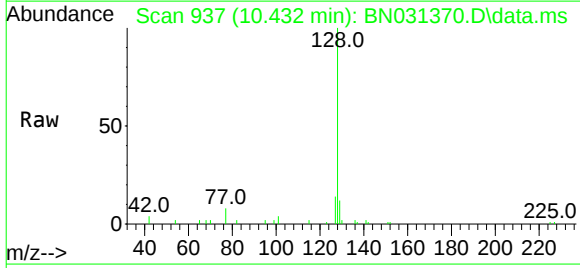




#9  
Naphthalene  
Concen: 0.379 ng  
RT: 10.432 min Scan# 937  
Delta R.T. 0.000 min  
Lab File: BN031370.D  
Acq: 02 May 2024 13:37

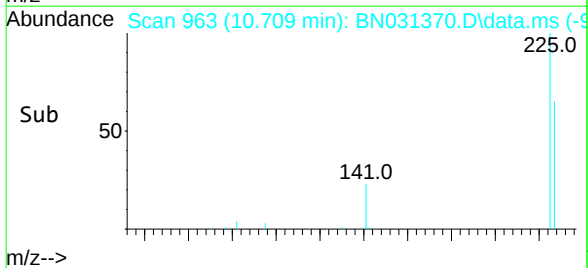
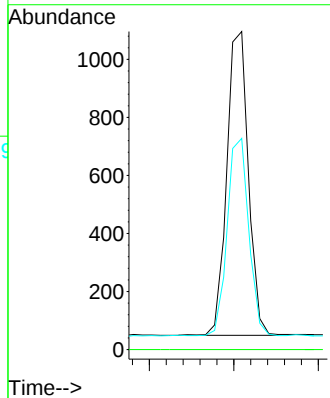
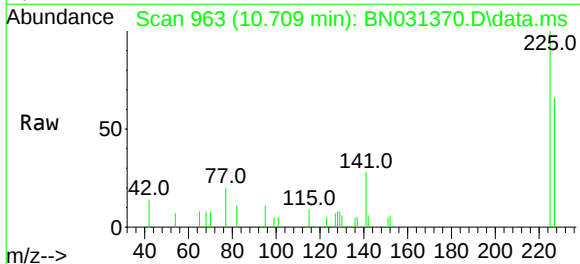
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

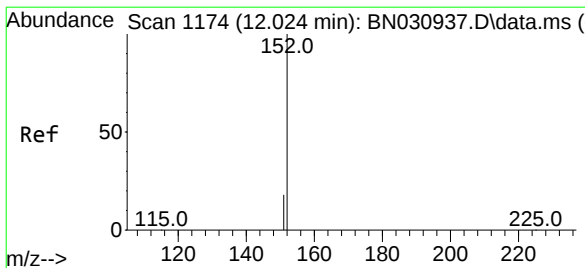
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|----------|-------|-------|-------|
| Tgt Ion: | 128   | Resp: | 7920  |
| Ion      | Ratio | Lower | Upper |
| 128      | 100   |       |       |
| 129      | 11.9  | 9.4   | 14.0  |
| 127      | 14.4  | 10.9  | 16.3  |



#10  
Hexachlorobutadiene  
Concen: 0.442 ng  
RT: 10.709 min Scan# 963  
Delta R.T. 0.000 min  
Lab File: BN031370.D  
Acq: 02 May 2024 13:37

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 225   | Resp: | 1856  |
| Ion      | Ratio | Lower | Upper |
| 225      | 100   |       |       |
| 223      | 0.0   | 0.0   | 0.0   |
| 227      | 64.6  | 51.3  | 76.9  |

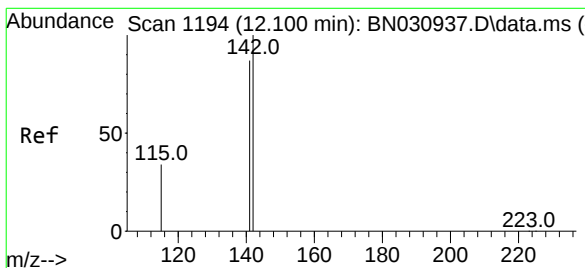
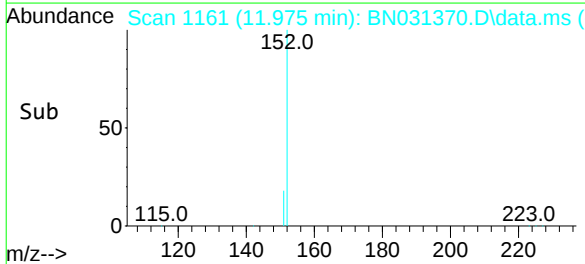
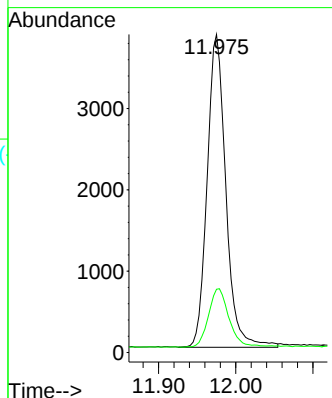
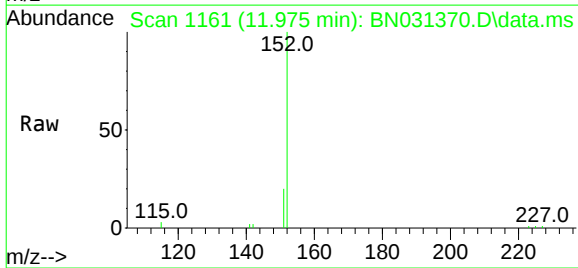




#11  
2-Methylnaphthalene-d10  
Concen: 0.555 ng  
RT: 11.975 min Scan# 1174  
Delta R.T. 0.000 min  
Lab File: BN031370.D  
Acq: 02 May 2024 13:37

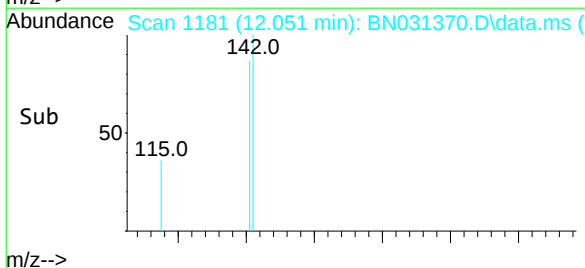
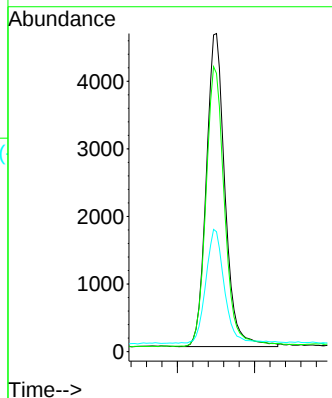
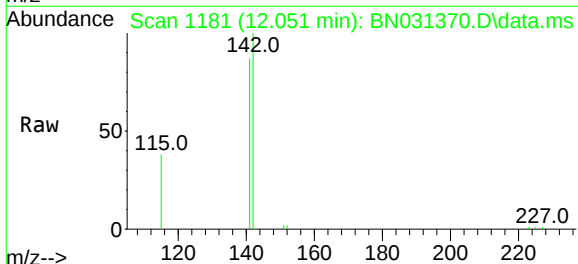
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

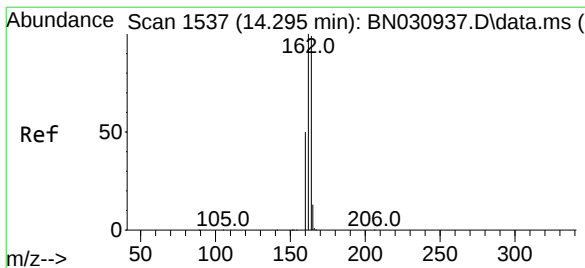
Tgt Ion:152 Resp: 6471  
Ion Ratio Lower Upper  
152 100  
151 20.5 16.7 25.1



#12  
2-Methylnaphthalene  
Concen: 0.562 ng  
RT: 12.051 min Scan# 1181  
Delta R.T. 0.000 min  
Lab File: BN031370.D  
Acq: 02 May 2024 13:37

Tgt Ion:142 Resp: 7806  
Ion Ratio Lower Upper  
142 100  
141 87.5 69.8 104.8  
115 37.7 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: BN031370.D

Acq: 02 May 2024 13:37

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4

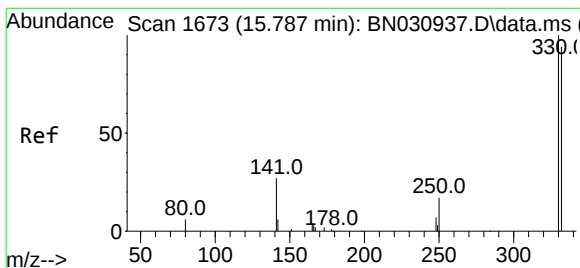
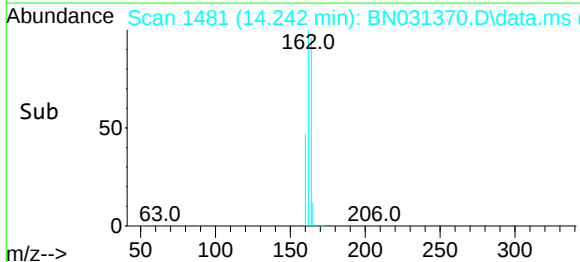
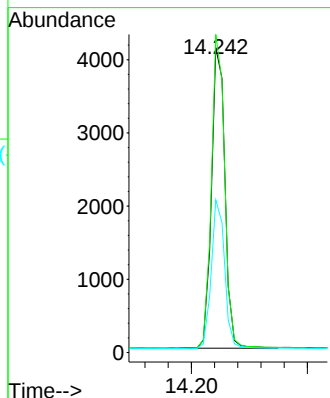
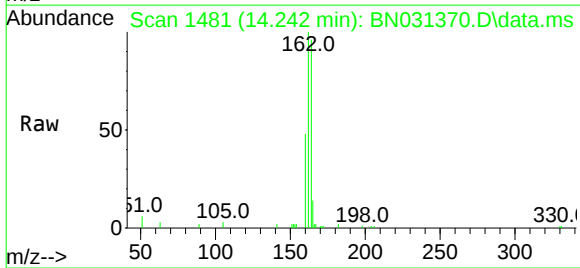
Tgt Ion:164 Resp: 6616

Ion Ratio Lower Upper

164 100

162 104.4 80.6 121.0

160 50.1 40.7 61.1



#14

2,4,6-Tribromophenol

Concen: 0.460 ng

RT: 15.750 min Scan# 1619

Delta R.T. 0.000 min

Lab File: BN031370.D

Acq: 02 May 2024 13:37

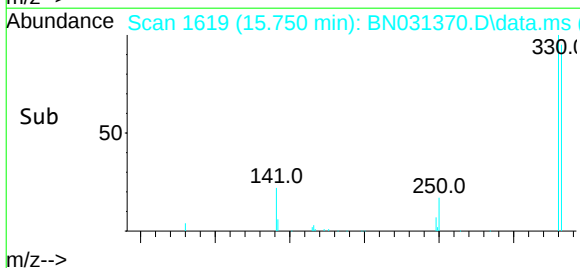
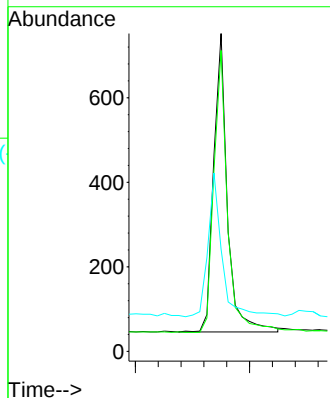
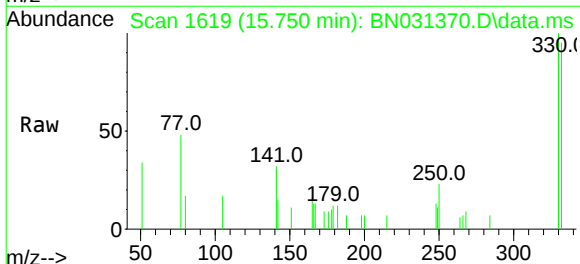
Tgt Ion:330 Resp: 1180

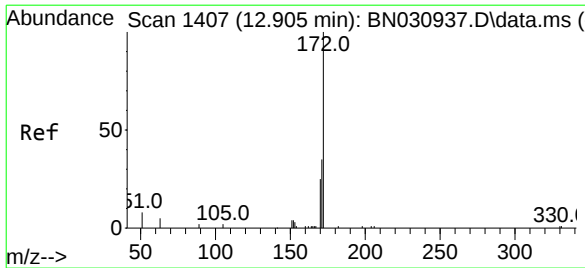
Ion Ratio Lower Upper

330 100

332 94.2 74.2 111.2

141 49.1 37.2 55.8





#15

2-Fluorobiphenyl

Concen: 0.405 ng

RT: 12.863 min Scan# 13

Delta R.T. 0.000 min

Lab File: BN031370.D

Acq: 02 May 2024 13:37

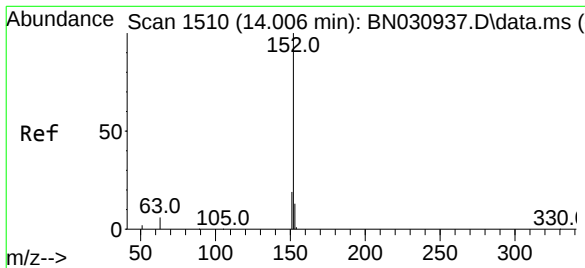
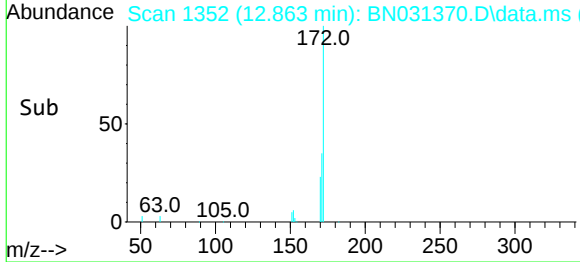
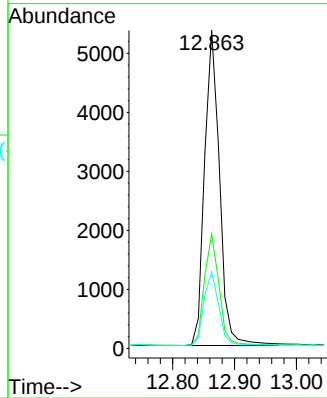
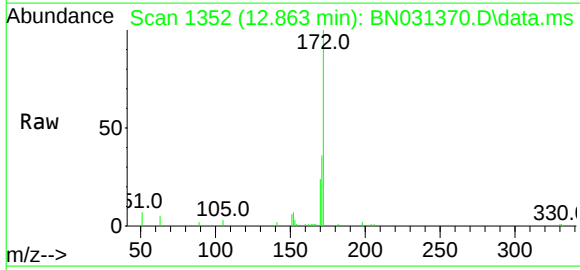
Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 172   | Resp: | 9000 |
| Ion Ratio | Lower | Upper |      |
| 172       | 100   |       |      |
| 171       | 35.9  | 28.3  | 42.5 |
| 170       | 24.1  | 19.8  | 29.8 |



#16

Acenaphthylene

Concen: 0.388 ng

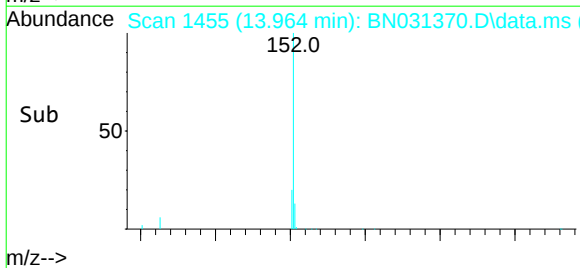
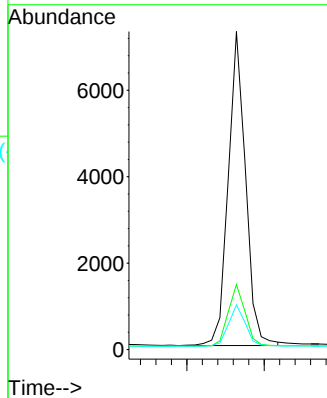
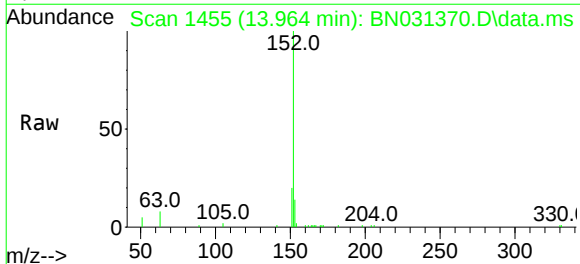
RT: 13.964 min Scan# 1455

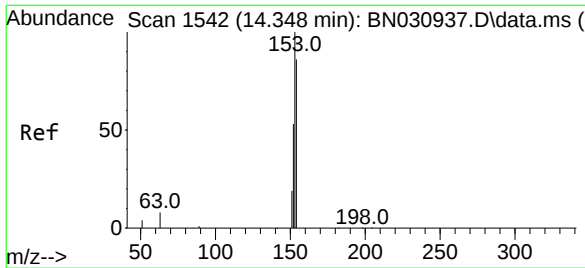
Delta R.T. 0.000 min

Lab File: BN031370.D

Acq: 02 May 2024 13:37

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 152   | Resp: | 11326 |
| Ion Ratio | Lower | Upper |       |
| 152       | 100   |       |       |
| 151       | 19.3  | 15.3  | 22.9  |
| 153       | 12.9  | 10.4  | 15.6  |

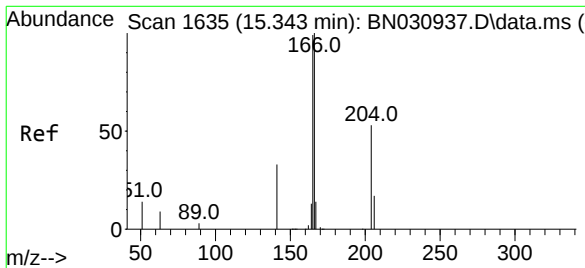
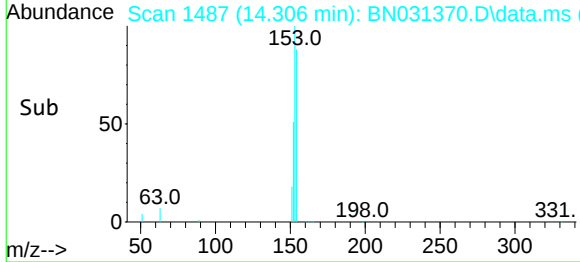
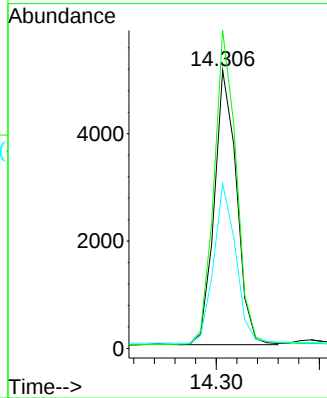
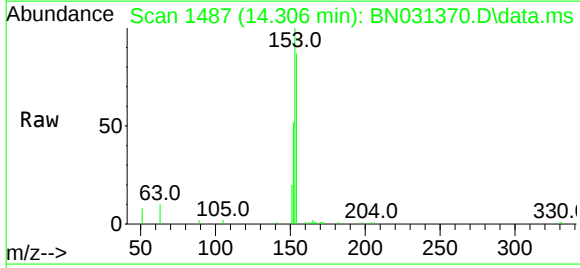




#17  
Acenaphthene  
Concen: 0.373 ng  
RT: 14.306 min Scan# 14  
Delta R.T. 0.000 min  
Lab File: BN031370.D  
Acq: 02 May 2024 13:37

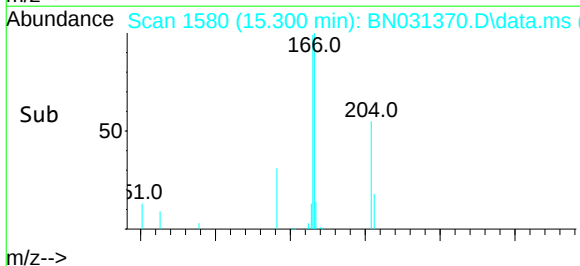
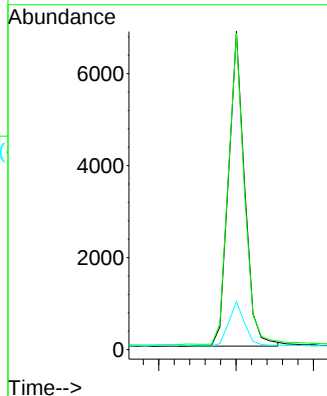
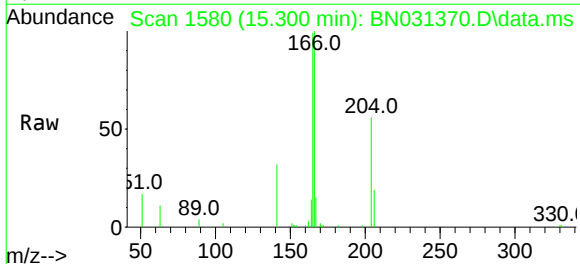
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

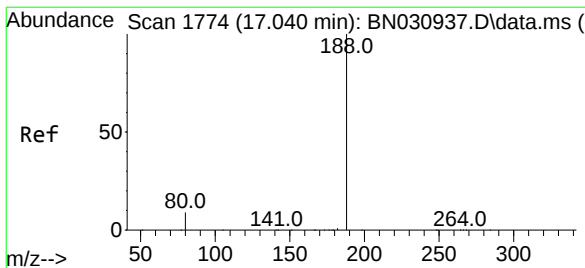
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 154   | Resp: | 7667  |
| Ion      | Ratio | Lower | Upper |
| 154      | 100   |       |       |
| 153      | 114.1 | 91.1  | 136.7 |
| 152      | 57.5  | 47.6  | 71.4  |



#18  
Fluorene  
Concen: 0.363 ng  
RT: 15.300 min Scan# 1580  
Delta R.T. 0.000 min  
Lab File: BN031370.D  
Acq: 02 May 2024 13:37

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 166   | Resp: | 9886  |
| Ion      | Ratio | Lower | Upper |
| 166      | 100   |       |       |
| 165      | 98.6  | 78.3  | 117.5 |
| 167      | 13.8  | 11.1  | 16.7  |





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.004 min Scan# 17

Delta R.T. 0.000 min

Lab File: BN031370.D

Acq: 02 May 2024 13:37

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4

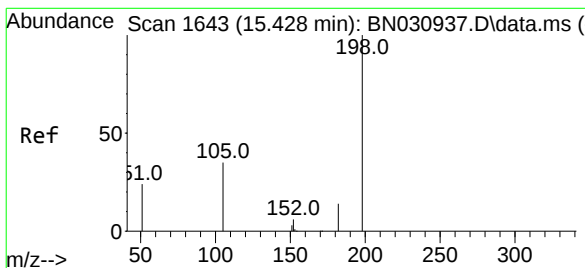
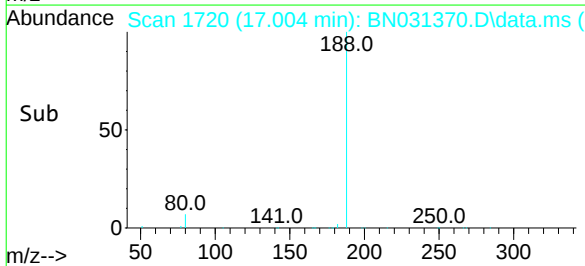
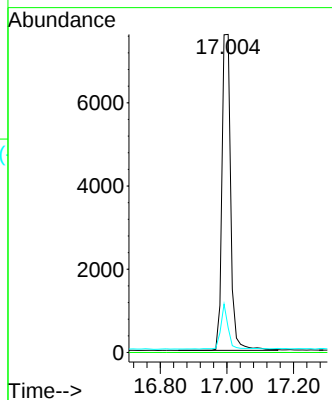
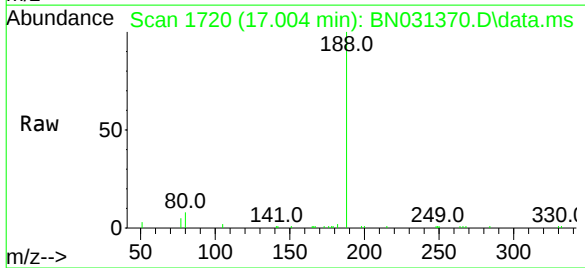
Tgt Ion:188 Resp: 13875

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 7.8 7.4 11.2



#20

4,6-Dinitro-2-methylphenol

Concen: 0.452 ng

RT: 15.397 min Scan# 1589

Delta R.T. 0.000 min

Lab File: BN031370.D

Acq: 02 May 2024 13:37

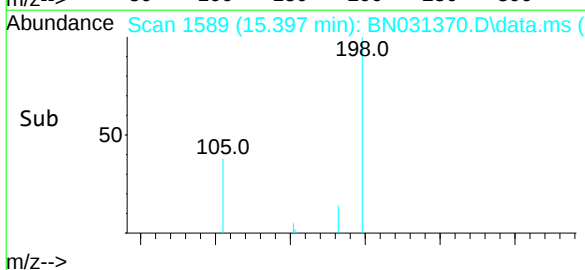
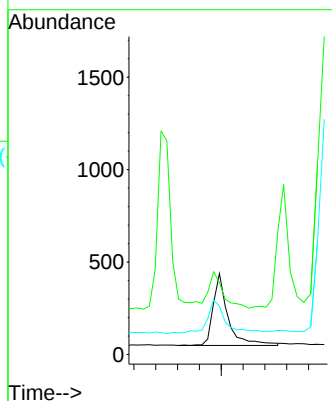
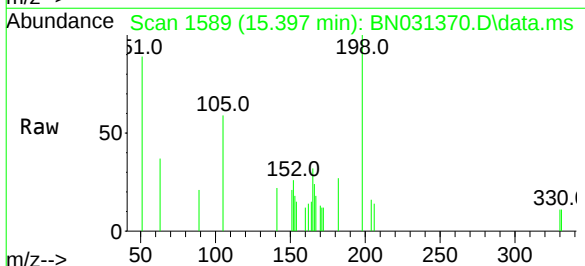
Tgt Ion:198 Resp: 738

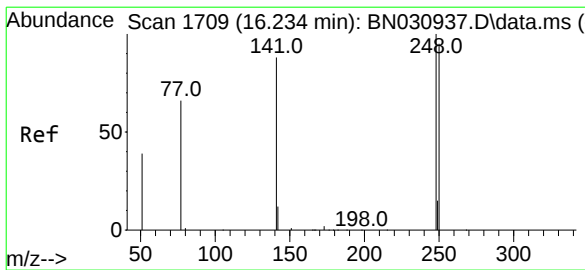
Ion Ratio Lower Upper

198 100

51 88.6 65.2 97.8

105 59.4 41.0 61.4

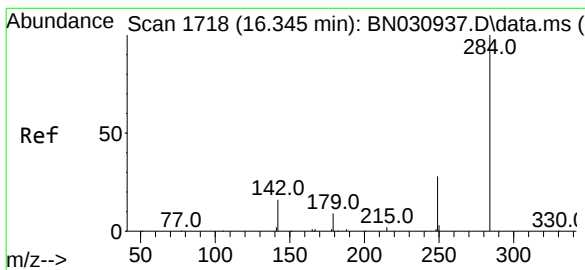
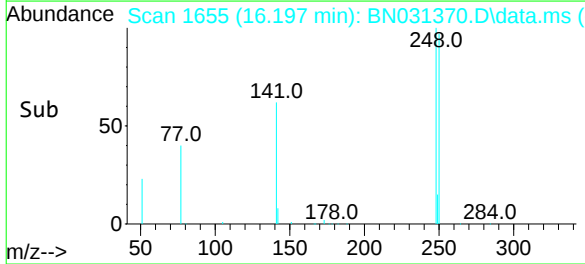
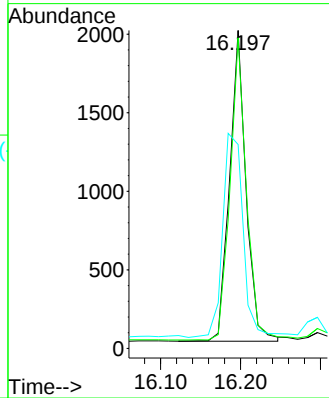
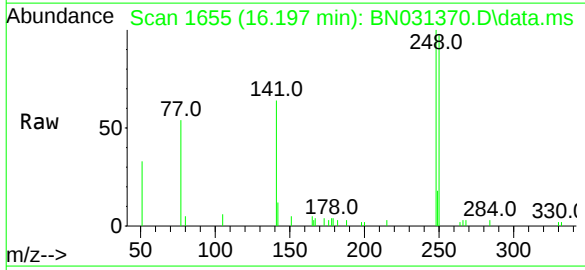




#21  
4-Bromophenyl-phenylether  
Concen: 0.344 ng  
RT: 16.197 min Scan# 1616  
Delta R.T. 0.000 min  
Lab File: BN031370.D  
Acq: 02 May 2024 13:37

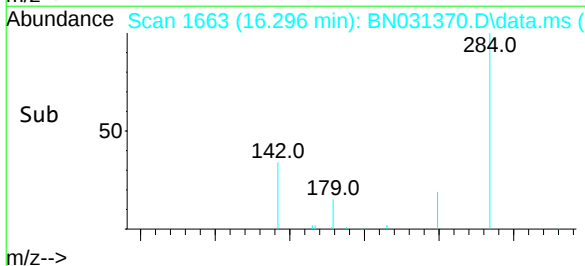
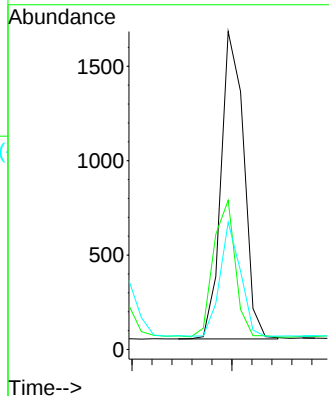
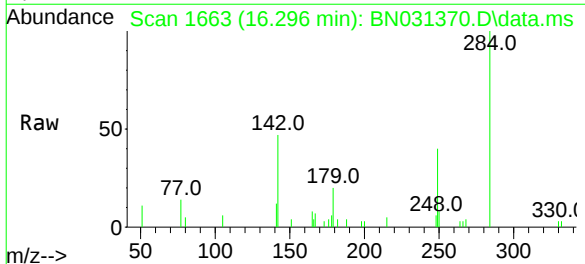
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

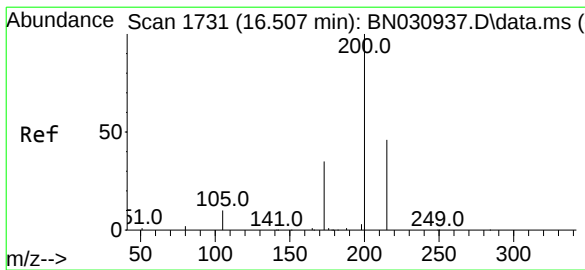
Tgt Ion:248 Resp: 2834  
Ion Ratio Lower Upper  
248 100  
250 97.7 76.1 114.1  
141 64.1 71.1 106.7#



#22  
Hexachlorobenzene  
Concen: 0.268 ng  
RT: 16.296 min Scan# 1663  
Delta R.T. 0.000 min  
Lab File: BN031370.D  
Acq: 02 May 2024 13:37

Tgt Ion:284 Resp: 2578  
Ion Ratio Lower Upper  
284 100  
142 42.8 33.0 49.4  
249 33.4 25.5 38.3





#23

Atrazine

Concen: 0.387 ng

RT: 16.470 min Scan# 16

Delta R.T. 0.000 min

Lab File: BN031370.D

Acq: 02 May 2024 13:37

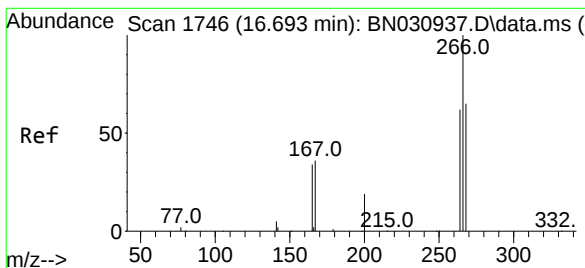
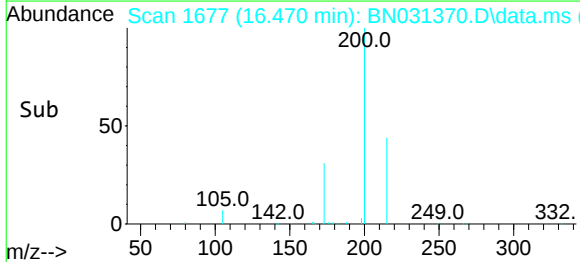
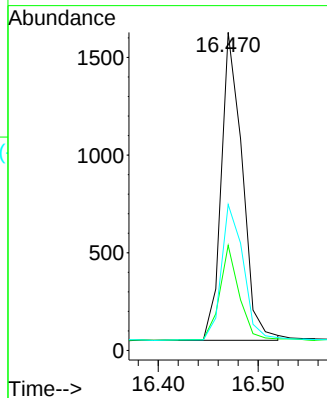
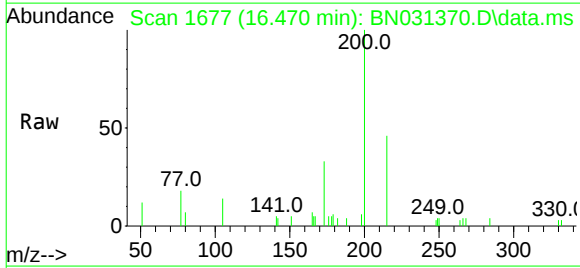
Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 200   | Resp: | 2306 |
| Ion Ratio | Lower | Upper |      |
| 200       | 100   |       |      |
| 173       | 33.0  | 29.9  | 44.9 |
| 215       | 45.9  | 38.7  | 58.1 |



#24

Pentachlorophenol

Concen: 0.484 ng

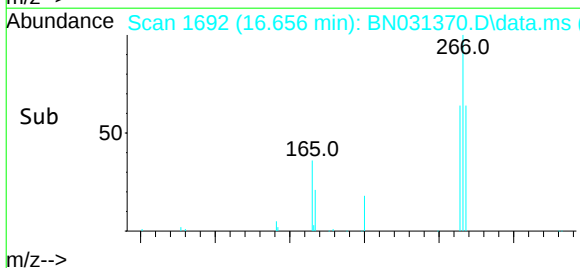
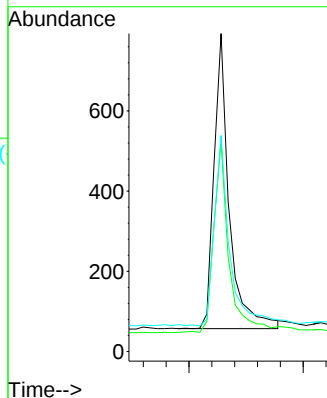
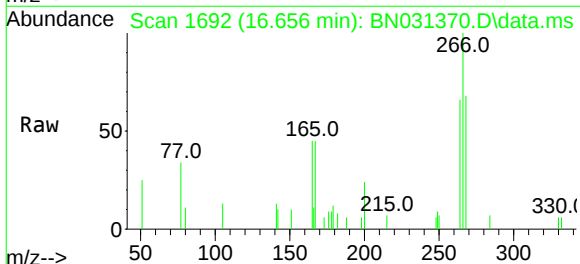
RT: 16.656 min Scan# 1692

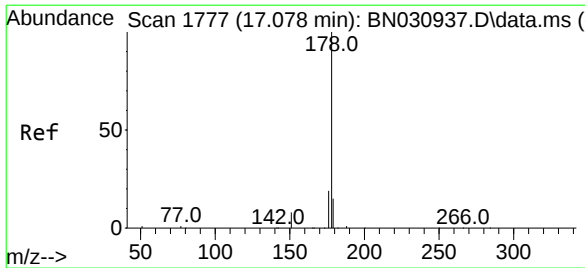
Delta R.T. 0.000 min

Lab File: BN031370.D

Acq: 02 May 2024 13:37

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 266   | Resp: | 1367 |
| Ion Ratio | Lower | Upper |      |
| 266       | 100   |       |      |
| 264       | 62.8  | 50.2  | 75.2 |
| 268       | 64.8  | 52.3  | 78.5 |





#25

Phenanthrene

Concen: 0.370 ng

RT: 17.041 min Scan# 17

Delta R.T. 0.000 min

Lab File: BN031370.D

Acq: 02 May 2024 13:37

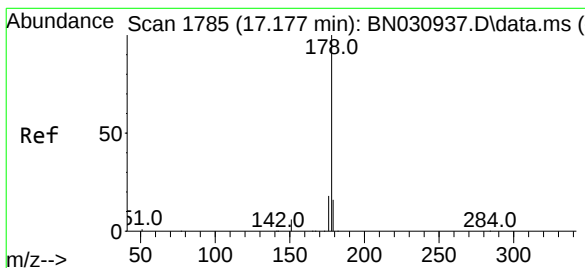
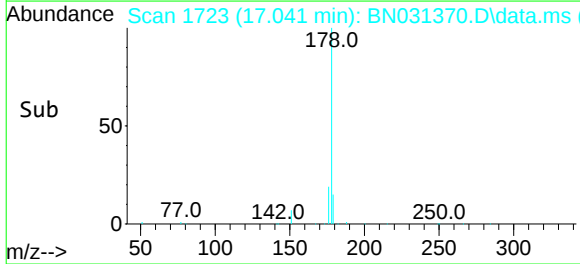
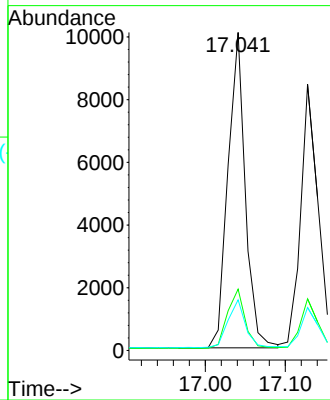
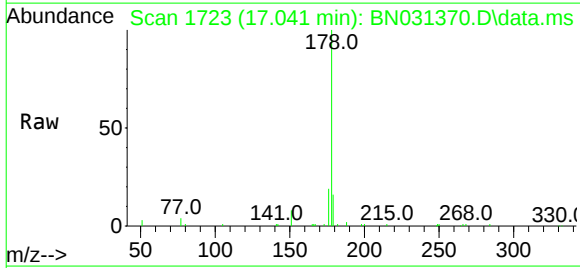
Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 178   | Resp: | 15144 |
| Ion      | Ratio | Lower | Upper |
| 178      | 100   |       |       |
| 176      | 19.2  | 15.1  | 22.7  |
| 179      | 15.4  | 12.2  | 18.2  |



#26

Anthracene

Concen: 0.380 ng

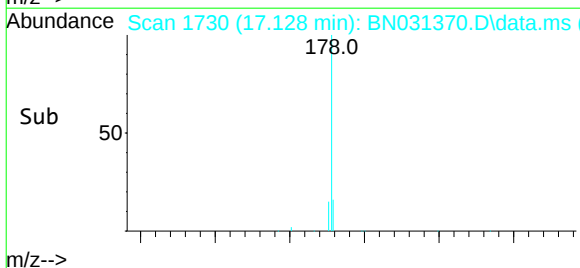
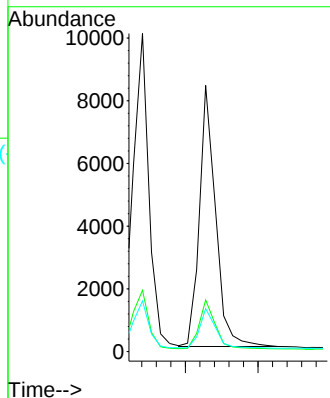
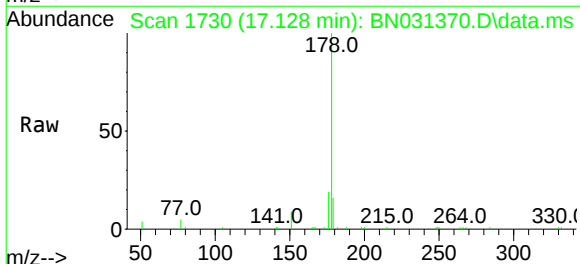
RT: 17.128 min Scan# 1730

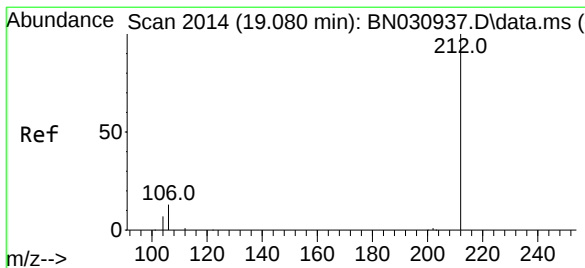
Delta R.T. 0.000 min

Lab File: BN031370.D

Acq: 02 May 2024 13:37

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 178   | Resp: | 12892 |
| Ion      | Ratio | Lower | Upper |
| 178      | 100   |       |       |
| 176      | 18.5  | 14.6  | 22.0  |
| 179      | 15.4  | 12.3  | 18.5  |





#27

Fluoranthene-d10

Concen: 0.424 ng

RT: 19.035 min Scan# 19

Delta R.T. 0.000 min

Lab File: BN031370.D

Acq: 02 May 2024 13:37

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4

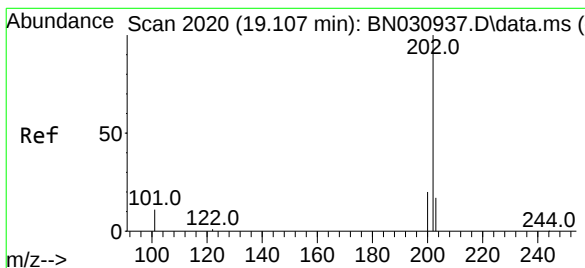
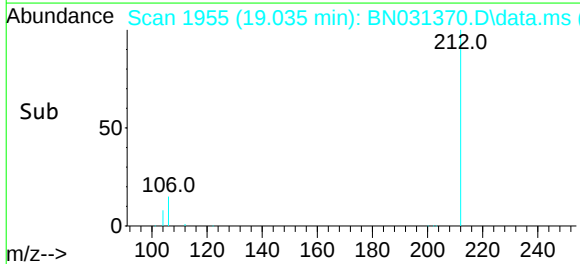
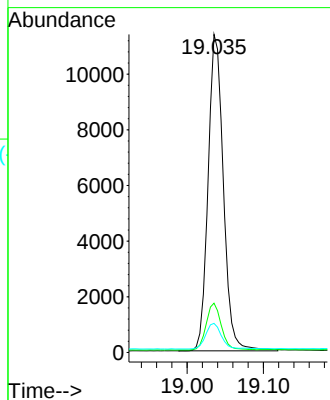
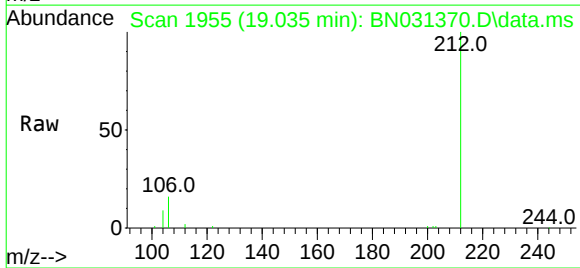
Tgt Ion:212 Resp: 15856

Ion Ratio Lower Upper

212 100

106 14.7 12.0 18.0

104 8.5 6.7 10.1



#28

Fluoranthene

Concen: 0.412 ng

RT: 19.068 min Scan# 1962

Delta R.T. 0.000 min

Lab File: BN031370.D

Acq: 02 May 2024 13:37

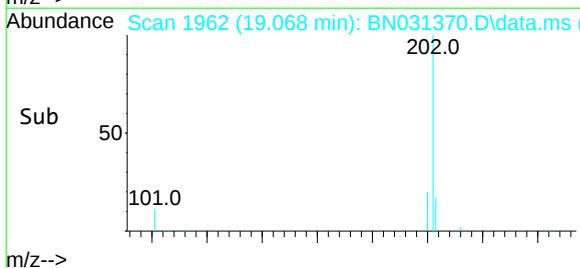
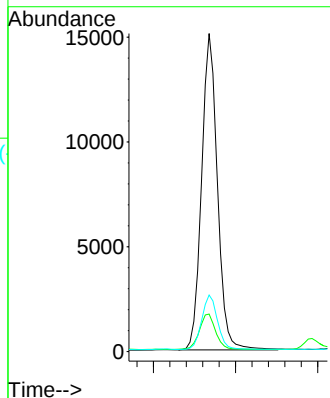
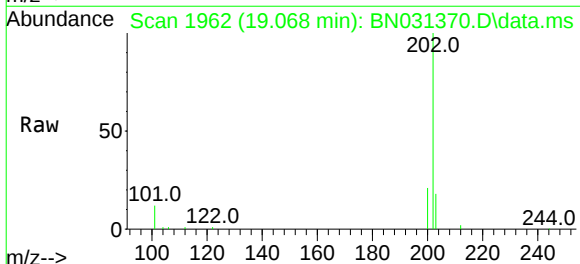
Tgt Ion:202 Resp: 20221

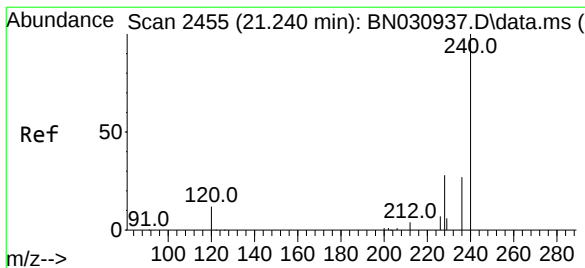
Ion Ratio Lower Upper

202 100

101 11.6 9.4 14.2

203 17.2 13.8 20.8





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.202 min Scan# 24

Delta R.T. 0.000 min

Lab File: BN031370.D

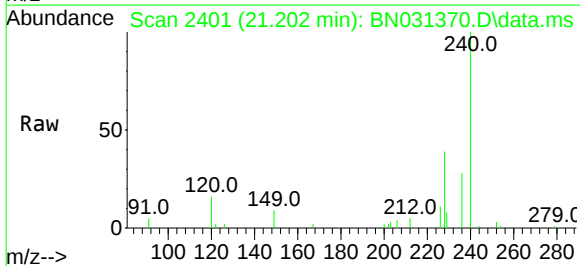
Acq: 02 May 2024 13:37

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4



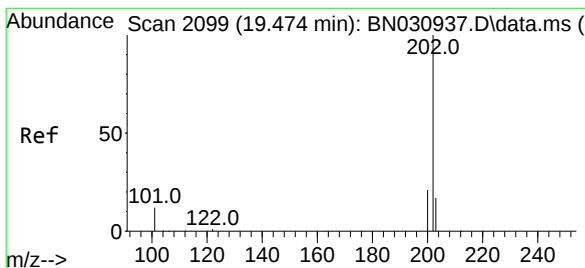
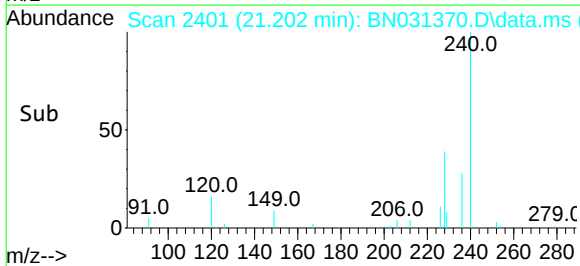
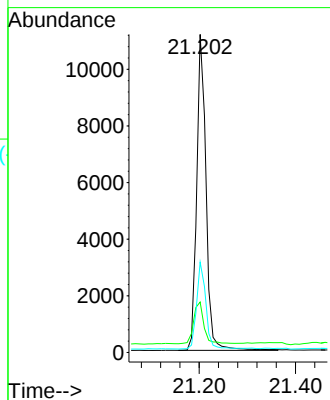
Tgt Ion:240 Resp: 14973

Ion Ratio Lower Upper

240 100

120 15.9 11.0 16.4

236 28.4 22.3 33.5



#30

Pyrene

Concen: 0.370 ng

RT: 19.435 min Scan# 2041

Delta R.T. 0.000 min

Lab File: BN031370.D

Acq: 02 May 2024 13:37

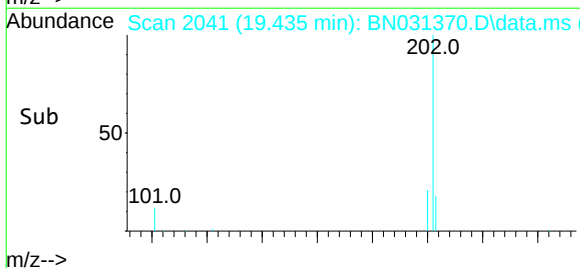
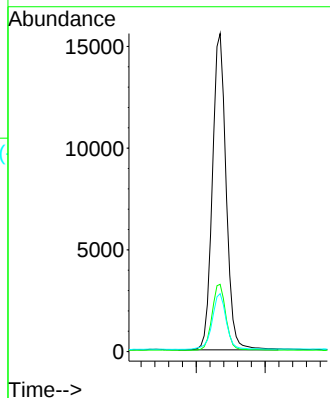
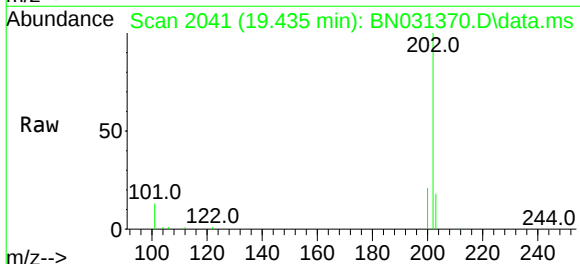
Tgt Ion:202 Resp: 21523

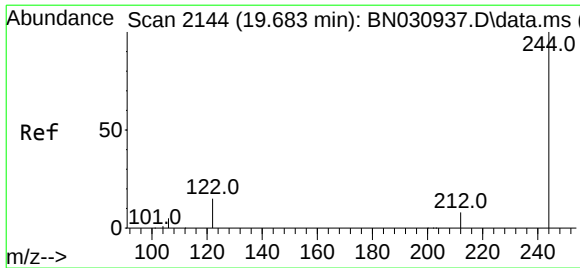
Ion Ratio Lower Upper

202 100

200 21.1 16.6 25.0

203 17.9 14.3 21.5

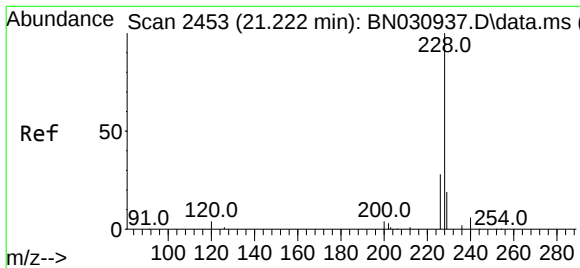
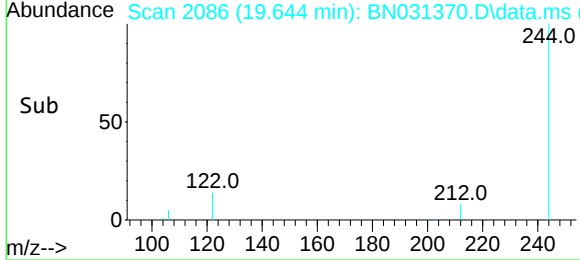
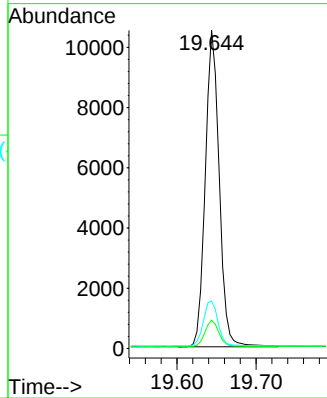
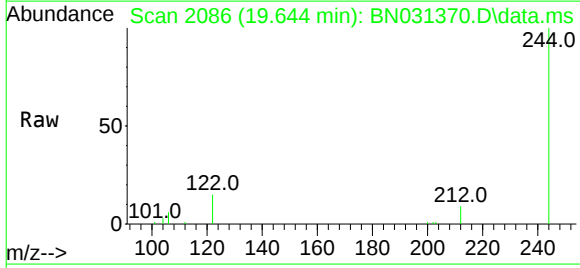




#31  
 Terphenyl-d14  
 Concen: 0.370 ng  
 RT: 19.644 min Scan# 2086  
 Delta R.T. 0.000 min  
 Lab File: BN031370.D  
 Acq: 02 May 2024 13:37

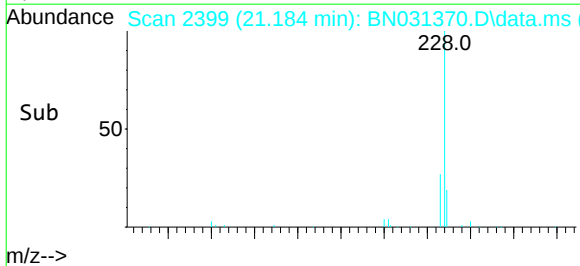
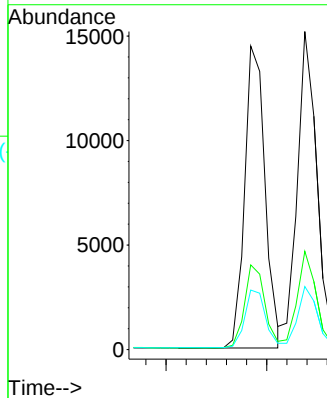
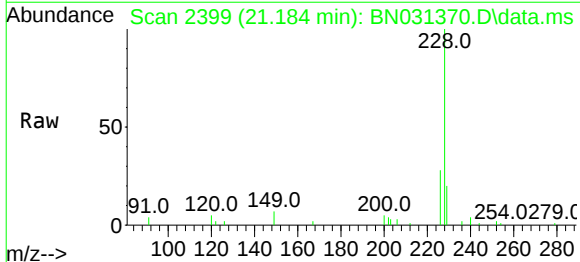
Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC0.4

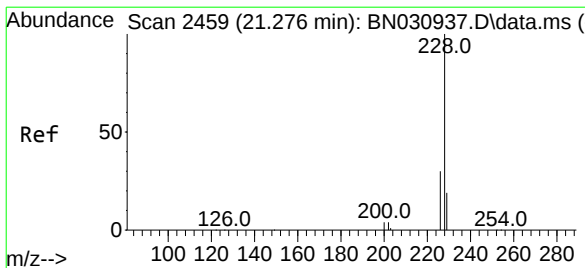
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 244   | Resp: | 12853 |
| Ion      | Ratio | Lower | Upper |
| 244      | 100   |       |       |
| 212      | 8.9   | 7.2   | 10.8  |
| 122      | 14.9  | 12.7  | 19.1  |



#32  
 Benzo(a)anthracene  
 Concen: 0.389 ng  
 RT: 21.184 min Scan# 2399  
 Delta R.T. 0.000 min  
 Lab File: BN031370.D  
 Acq: 02 May 2024 13:37

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 228   | Resp: | 20298 |
| Ion      | Ratio | Lower | Upper |
| 228      | 100   |       |       |
| 226      | 27.9  | 22.4  | 33.6  |
| 229      | 19.6  | 15.7  | 23.5  |





#33

Chrysene

Concen: 0.357 ng

RT: 21.238 min Scan# 24

Delta R.T. 0.000 min

Lab File: BN031370.D

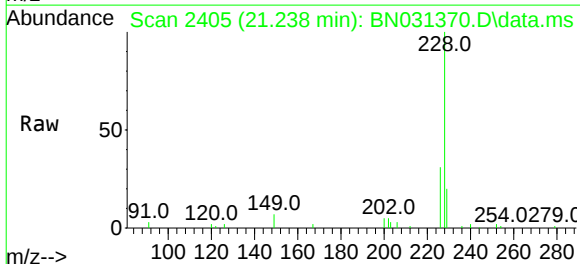
Acq: 02 May 2024 13:37

Instrument :

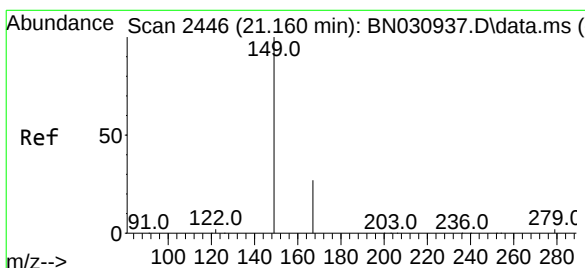
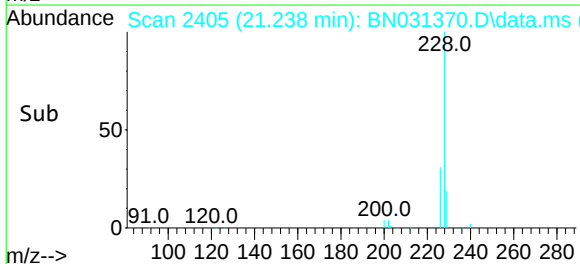
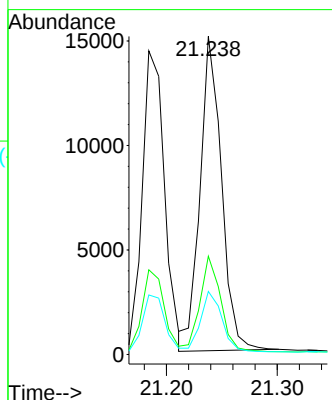
BNA\_N

ClientSampleId :

SSTDCCC0.4



| Tgt Ion:  | 228  | Resp: | 20225 |
|-----------|------|-------|-------|
| Ion Ratio | 100  | Lower | Upper |
| 226       | 30.9 | 23.9  | 35.9  |
| 229       | 19.8 | 15.8  | 23.6  |



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.675 ng

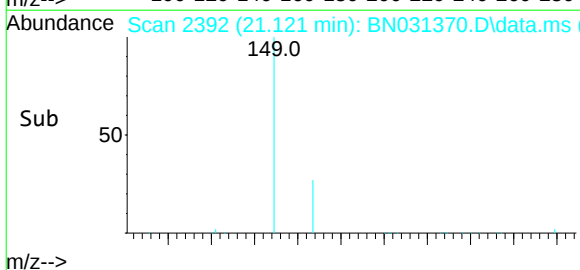
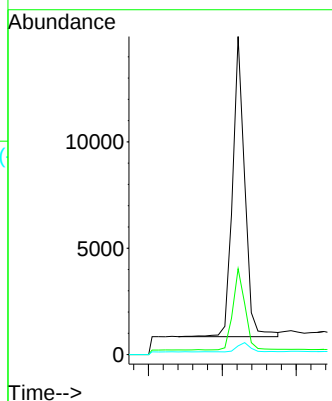
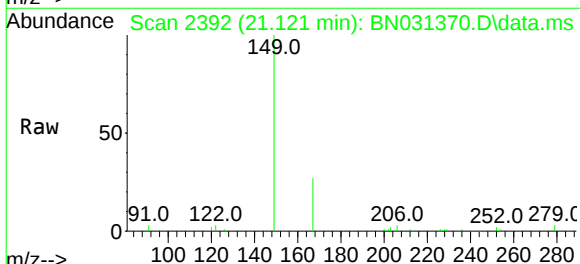
RT: 21.121 min Scan# 2392

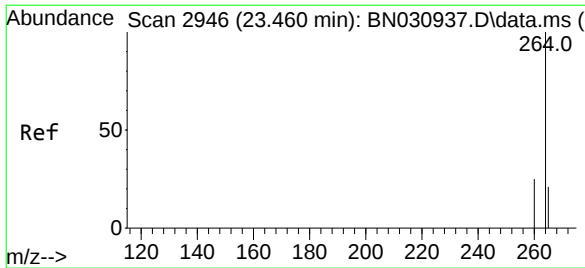
Delta R.T. 0.000 min

Lab File: BN031370.D

Acq: 02 May 2024 13:37

| Tgt Ion:  | 149  | Resp: | 16126 |
|-----------|------|-------|-------|
| Ion Ratio | 100  | Lower | Upper |
| 167       | 27.1 | 21.0  | 31.4  |
| 279       | 3.2  | 2.9   | 4.3   |

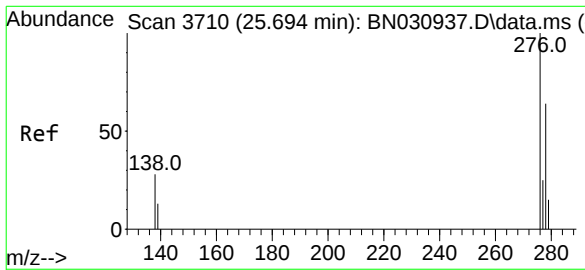
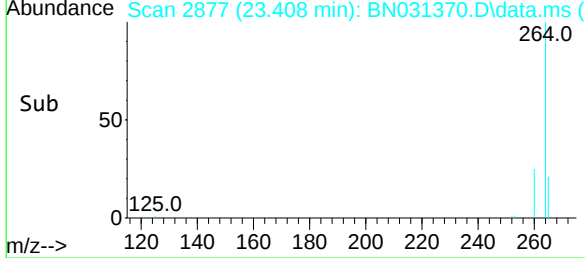
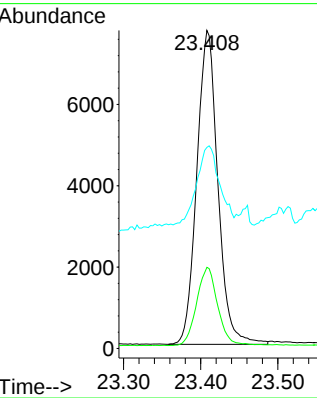
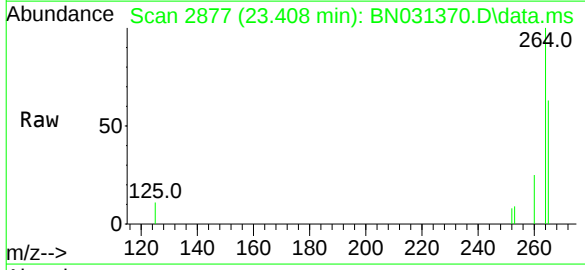




#35  
Perylene-d12  
Concen: 0.400 ng  
RT: 23.408 min Scan# 28  
Delta R.T. 0.000 min  
Lab File: BN031370.D  
Acq: 02 May 2024 13:37

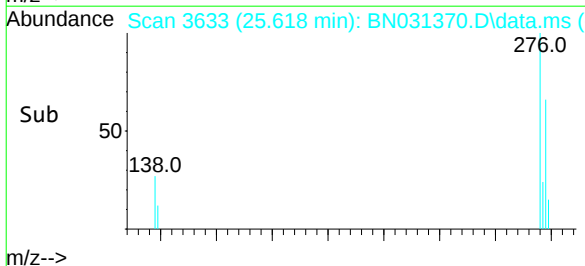
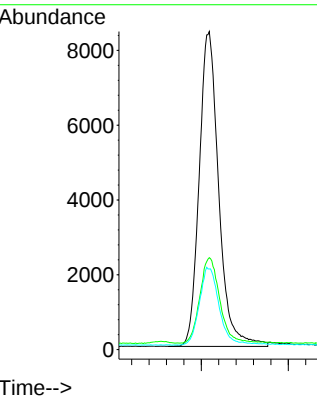
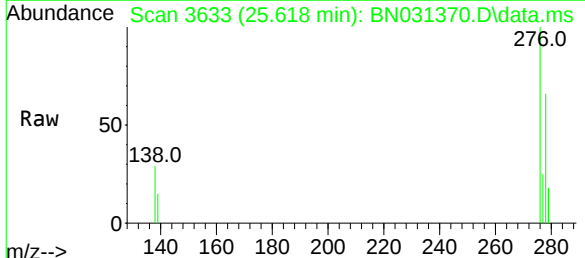
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

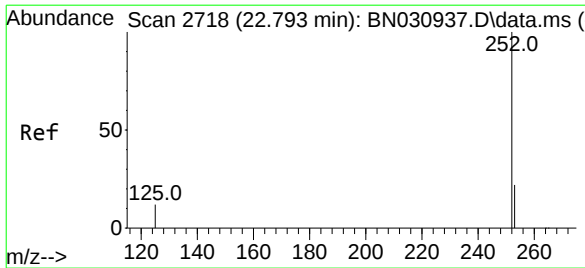
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 264   | Resp: | 14648 |
| Ion Ratio | Lower | Upper |       |
| 264       | 100   |       |       |
| 260       | 25.5  | 20.6  | 31.0  |
| 265       | 63.2  | 53.3  | 79.9  |



#36  
Indeno(1,2,3-cd)pyrene  
Concen: 0.385 ng  
RT: 25.618 min Scan# 3633  
Delta R.T. 0.000 min  
Lab File: BN031370.D  
Acq: 02 May 2024 13:37

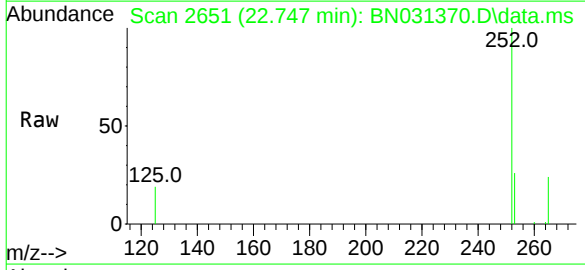
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 276   | Resp: | 26241 |
| Ion Ratio | Lower | Upper |       |
| 276       | 100   |       |       |
| 138       | 27.6  | 23.1  | 34.7  |
| 277       | 24.3  | 19.9  | 29.9  |



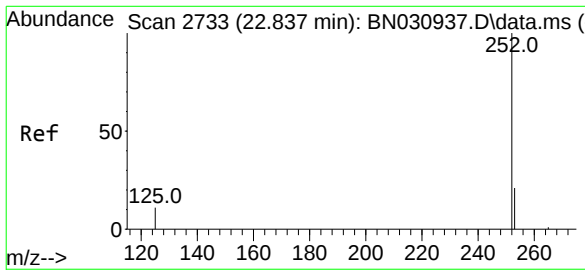
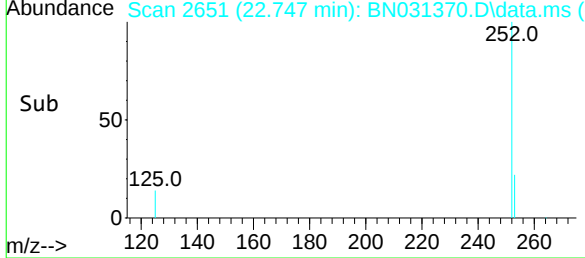
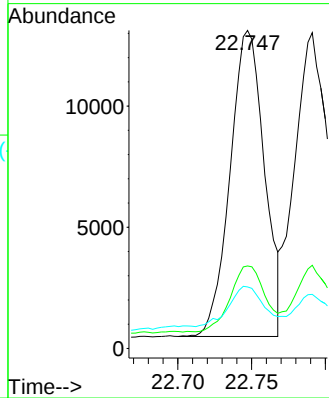


#37  
Benzo(b)fluoranthene  
Concen: 0.338 ng  
RT: 22.747 min Scan# 2666  
Delta R.T. 0.000 min  
Lab File: BN031370.D  
Acq: 02 May 2024 13:37

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

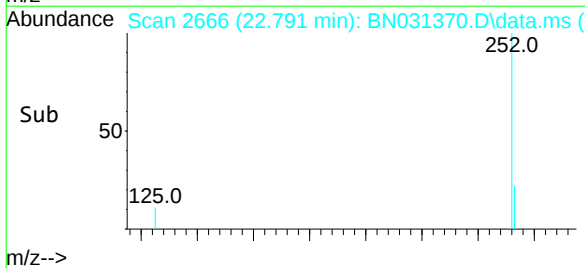
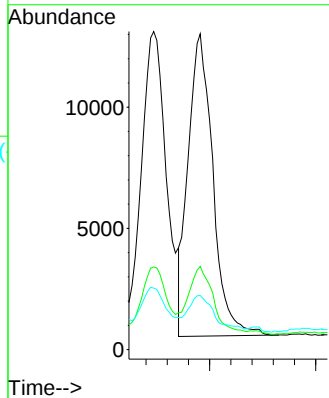
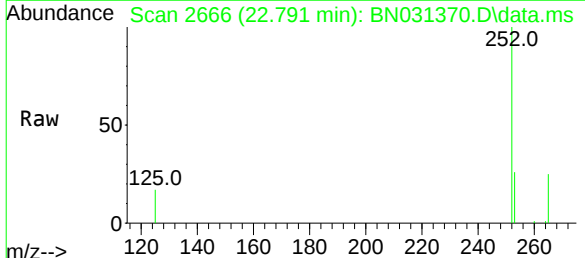


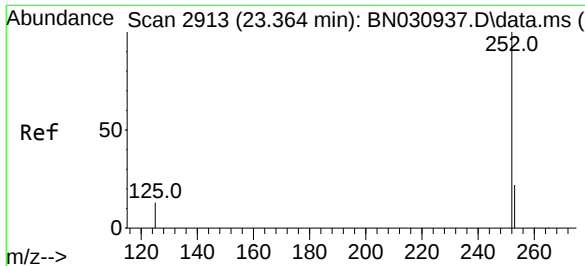
Tgt Ion:252 Resp: 20415  
Ion Ratio Lower Upper  
252 100  
253 25.9 20.2 30.2  
125 19.3 13.4 20.2



#38  
Benzo(k)fluoranthene  
Concen: 0.342 ng  
RT: 22.791 min Scan# 2666  
Delta R.T. 0.000 min  
Lab File: BN031370.D  
Acq: 02 May 2024 13:37

Tgt Ion:252 Resp: 20217  
Ion Ratio Lower Upper  
252 100  
253 26.3 19.9 29.9  
125 17.1 13.2 19.8





#39

Benzo(a)pyrene

Concen: 0.308 ng

RT: 23.312 min Scan# 28

Delta R.T. 0.000 min

Lab File: BN031370.D

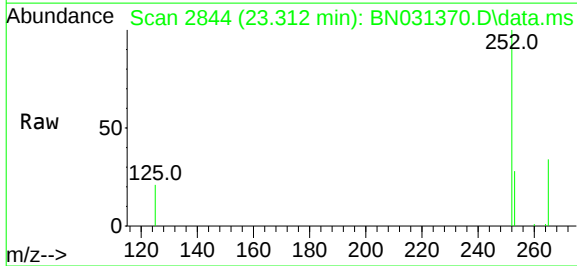
Acq: 02 May 2024 13:37

Instrument :

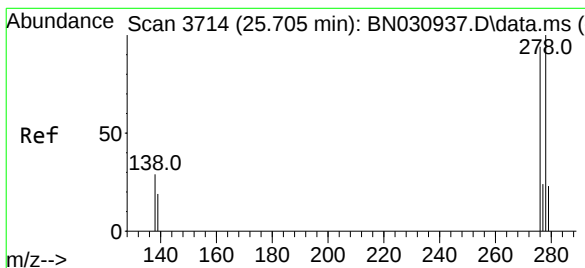
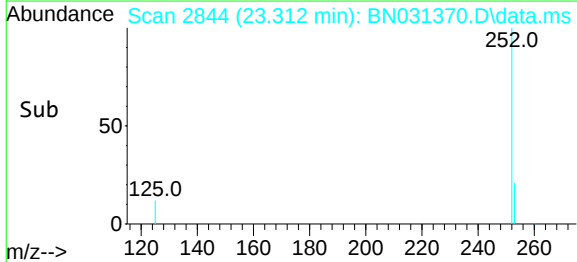
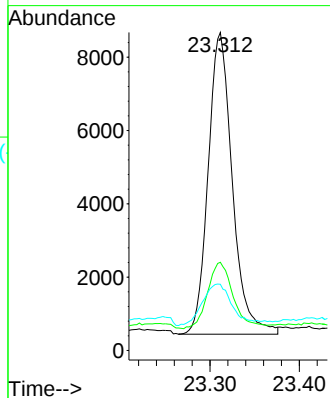
BNA\_N

ClientSampleId :

SSTDCCC0.4



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 252   | Resp: | 15502 |
| Ion      | Ratio | Lower | Upper |
| 252      | 100   |       |       |
| 253      | 27.7  | 21.4  | 32.2  |
| 125      | 20.8  | 16.6  | 25.0  |



#40

Dibenzo(a,h)anthracene

Concen: 0.378 ng

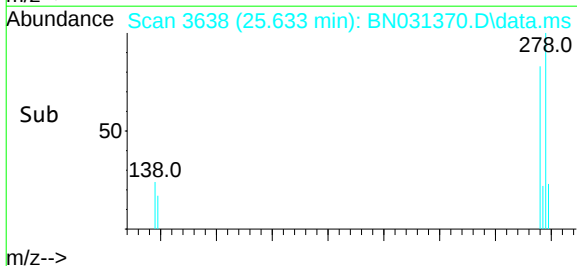
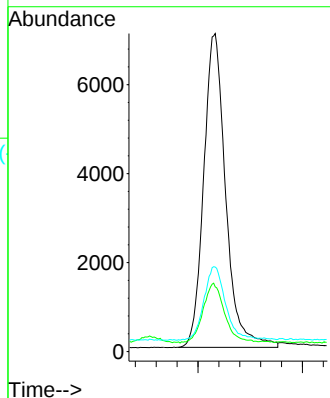
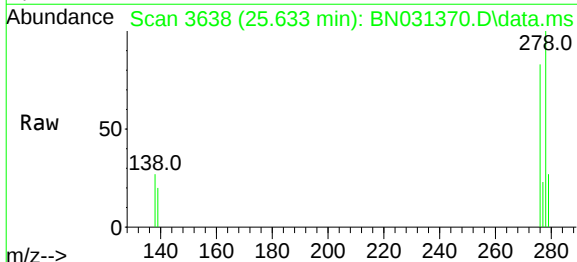
RT: 25.633 min Scan# 3638

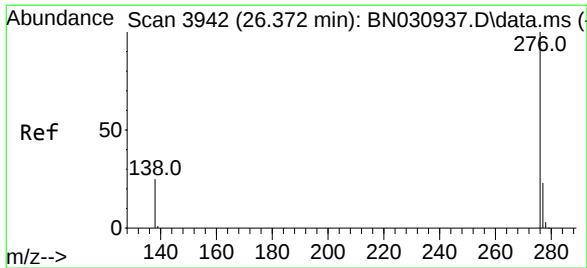
Delta R.T. 0.000 min

Lab File: BN031370.D

Acq: 02 May 2024 13:37

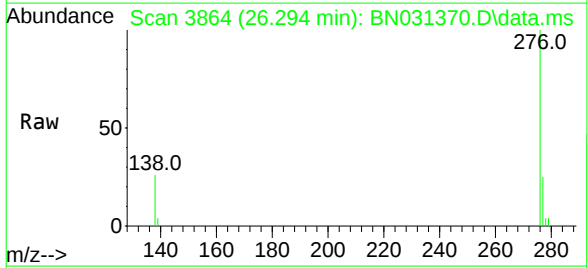
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 278   | Resp: | 20645 |
| Ion      | Ratio | Lower | Upper |
| 278      | 100   |       |       |
| 139      | 20.3  | 16.3  | 24.5  |
| 279      | 26.6  | 20.6  | 31.0  |





#41  
 Benzo(g,h,i)perylene  
 Concen: 0.328 ng  
 RT: 26.294 min Scan# 38  
 Delta R.T. 0.000 min  
 Lab File: BN031370.D  
 Acq: 02 May 2024 13:37

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC0.4



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 276   | Resp: | 19703 |
| Ion      | Ratio | Lower | Upper |
| 276      | 100   |       |       |
| 277      | 24.6  | 19.4  | 29.2  |
| 138      | 25.8  | 21.0  | 31.4  |

