

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN020723\  
 Data File : BN023987.D  
 Acq On : 08 Feb 2023 03:00  
 Operator : CG/JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

**Instrument :**  
 BNA\_N  
**ClientSampleId :**

Quant Time: Feb 08 03:40:21 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN020723.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Feb 08 02:37:27 2023  
 Response via : Initial Calibration

**Manual Integrations**  
**APPROVED**  
 Reviewed By :Christian Giraldo

| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |                               |
|-------------------------------|--------|------|----------|-------|-------|----------|-------------------------------|
| Internal Standards            |        |      |          |       |       |          | 02/08/2023                    |
| 1) 1,4-Dichlorobenzene-d4     | 7.840  | 152  | 4956     | 0.400 | ng    | 0.00     | Supervised By :Jagrut padhyay |
| 7) Naphthalene-d8             | 10.648 | 136  | 12528    | 0.400 | ng    | 0.00     |                               |
| 13) Acenaphthene-d10          | 14.484 | 164  | 7829     | 0.400 | ng    | 0.00     |                               |
| 19) Phenanthrene-d10          | 17.241 | 188  | 17485    | 0.400 | ng    | 0.00     |                               |
| 29) Chrysene-d12              | 21.428 | 240  | 12986    | 0.400 | ng    | # 0.00   |                               |
| 35) Perylene-d12              | 23.808 | 264  | 9262     | 0.400 | ng    | # 0.00   | 02/08/2023                    |
| System Monitoring Compounds   |        |      |          |       |       |          |                               |
| 4) 2-Fluorophenol             | 5.399  | 112  | 3671     | 0.356 | ng    | 0.00     |                               |
| 5) Phenol-d6                  | 7.009  | 99   | 4327     | 0.357 | ng    | 0.00     |                               |
| 8) Nitrobenzene-d5            | 9.003  | 82   | 3527     | 0.351 | ng    | 0.00     |                               |
| 11) 2-Methylnaphthalene-d10   | 12.238 | 152  | 6239     | 0.358 | ng    | 0.00     |                               |
| 14) 2,4,6-Tribromophenol      | 15.987 | 330  | 1273     | 0.316 | ng    | 0.00     |                               |
| 15) 2-Fluorobiphenyl          | 13.116 | 172  | 11170    | 0.361 | ng    | 0.00     |                               |
| 27) Fluoranthene-d10          | 19.271 | 212  | 13904    | 0.328 | ng    | 0.00     |                               |
| 31) Terphenyl-d14             | 19.869 | 244  | 9294     | 0.384 | ng    | 0.00     |                               |
| Target Compounds              |        |      |          |       |       |          | Qvalue                        |
| 2) 1,4-Dioxane                | 3.268  | 88   | 1773     | 0.377 | ng    |          | 97                            |
| 3) n-Nitrosodimethylamine     | 3.600  | 42   | 1952     | 0.371 | ng    | #        | 94                            |
| 6) bis(2-Chloroethyl)ether    | 7.262  | 93   | 4667     | 0.385 | ng    |          | 99                            |
| 9) Naphthalene                | 10.690 | 128  | 11302    | 0.362 | ng    |          | 100                           |
| 10) Hexachlorobutadiene       | 10.979 | 225  | 3068     | 0.374 | ng    | #        | 99                            |
| 12) 2-Methylnaphthalene       | 12.310 | 142  | 7530     | 0.362 | ng    |          | 97                            |
| 16) Acenaphthylene            | 14.207 | 152  | 9948     | 0.326 | ng    |          | 99                            |
| 17) Acenaphthene              | 14.549 | 154  | 7468     | 0.360 | ng    |          | 100                           |
| 18) Fluorene                  | 15.532 | 166  | 10040    | 0.357 | ng    |          | 99                            |
| 20) 4,6-Dinitro-2-methylph... | 15.628 | 198  | 780      | 0.384 | ng    | #        | 86                            |
| 21) 4-Bromophenyl-phenylether | 16.434 | 248  | 3899     | 0.343 | ng    |          | 98                            |
| 22) Hexachlorobenzene         | 16.546 | 284  | 4790     | 0.351 | ng    |          | 99                            |
| 23) Atrazine                  | 16.707 | 200  | 2354     | 0.316 | ng    |          | 98                            |
| 24) Pentachlorophenol         | 16.893 | 266  | 1350     | 0.372 | ng    |          | 94                            |
| 25) Phenanthrene              | 17.278 | 178  | 16339    | 0.339 | ng    |          | 100                           |
| 26) Anthracene                | 17.365 | 178  | 12952    | 0.326 | ng    |          | 100                           |
| 28) Fluoranthene              | 19.300 | 202  | 18096    | 0.327 | ng    |          | 100                           |
| 30) Pyrene                    | 19.663 | 202  | 17777    | 0.395 | ng    |          | 99                            |
| 32) Benzo(a)anthracene        | 21.410 | 228  | 13621    | 0.328 | ng    |          | 99                            |
| 33) Chrysene                  | 21.464 | 228  | 16097    | 0.359 | ng    |          | 100                           |
| 34) Bis(2-ethylhexyl)phtha... | 21.339 | 149  | 5351     | 0.282 | ng    |          | 99                            |
| 36) Indeno(1,2,3-cd)pyrene    | 26.264 | 276  | 14612    | 0.347 | ng    |          | 99                            |
| 37) Benzo(b)fluoranthene      | 23.083 | 252  | 13684m   | 0.365 | ng    |          |                               |
| 38) Benzo(k)fluoranthene      | 23.132 | 252  | 13481    | 0.364 | ng    |          | 96                            |
| 39) Benzo(a)pyrene            | 23.702 | 252  | 9713     | 0.342 | ng    |          | 94                            |
| 40) Dibenzo(a,h)anthracene    | 26.284 | 278  | 11839    | 0.351 | ng    |          | 99                            |
| 41) Benzo(g,h,i)perylene      | 27.012 | 276  | 12907    | 0.361 | ng    |          | 99                            |

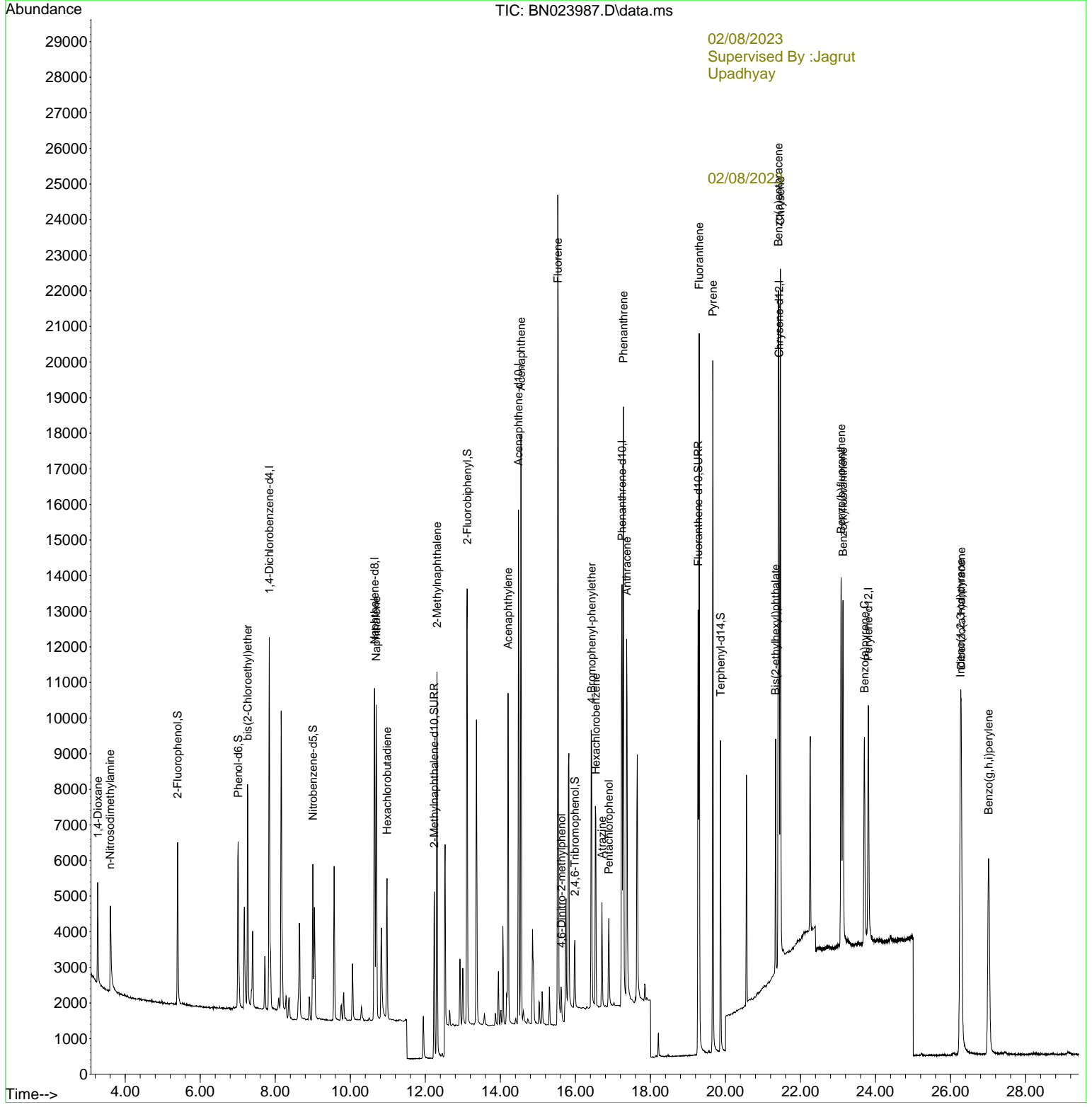
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
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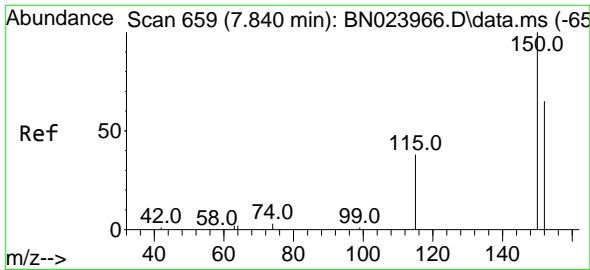
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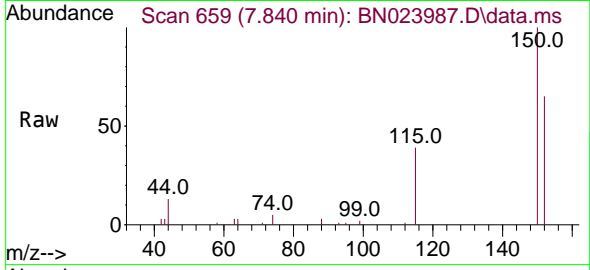
02/08/2023  
 Supervised By :Jagru  
 Upadhyay

02/08/2023



#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 7.840 min Scan# 659  
 Delta R.T. -0.000 min  
 Lab File: BN023987.D  
 Acq: 08 Feb 2023 03:00

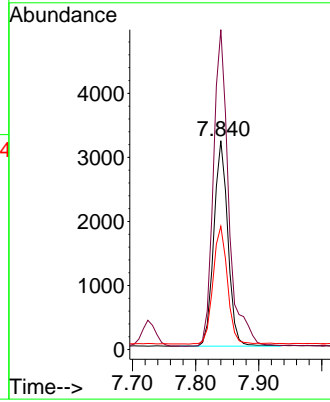
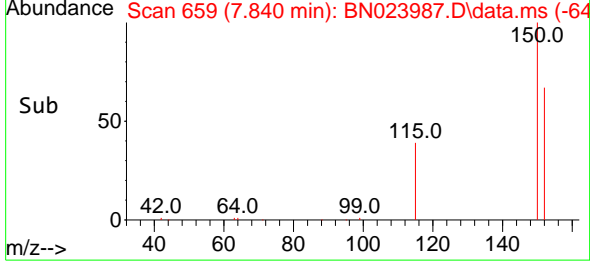
Instrument :  
 BNA\_N  
 ClientSampleId :



Tgt Ion: 152 Resp: 4956  
 Ion Ratio Lower Upper  
 152 100  
 150 153.2 121.8 182.6  
 115 59.0 47.7 71.5

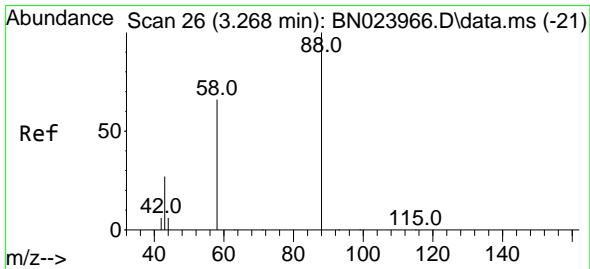
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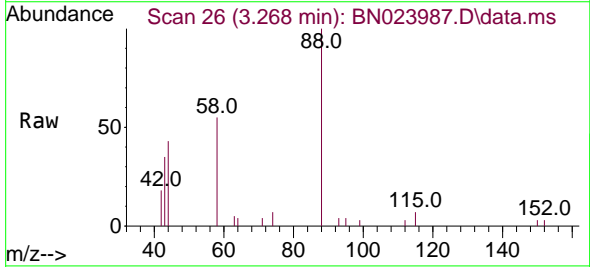


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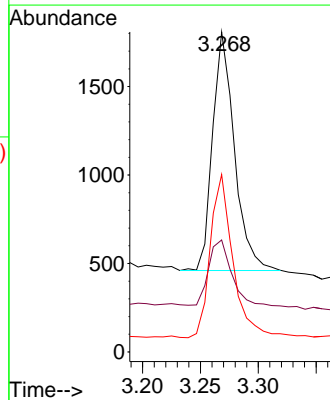
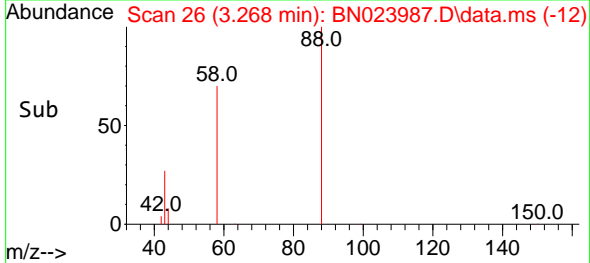
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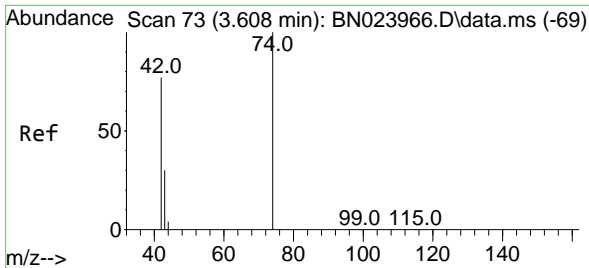


#2  
 1,4-Dioxane  
 Concen: 0.377 ng  
 RT: 3.268 min Scan# 26  
 Delta R.T. 0.000 min  
 Lab File: BN023987.D  
 Acq: 08 Feb 2023 03:00



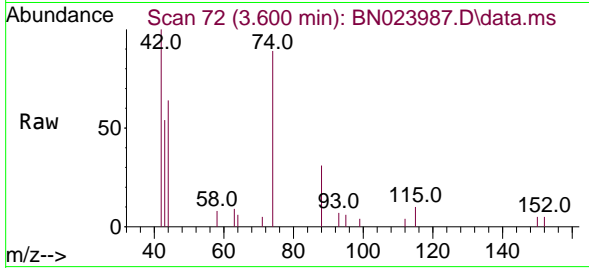
Tgt Ion: 88 Resp: 1773  
 Ion Ratio Lower Upper  
 88 100  
 43 28.9 23.7 35.5  
 58 70.4 53.4 80.2





#3  
 n-Nitrosodimethylamine  
 Concen: 0.371 ng  
 RT: 3.600 min Scan# 71  
 Delta R.T. -0.007 min  
 Lab File: BN023987.D  
 Acq: 08 Feb 2023 03:00

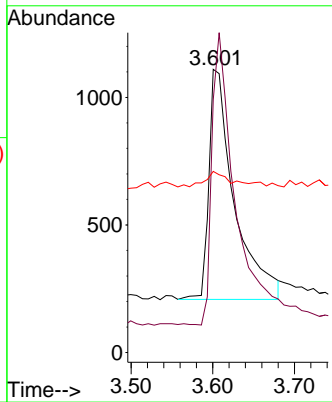
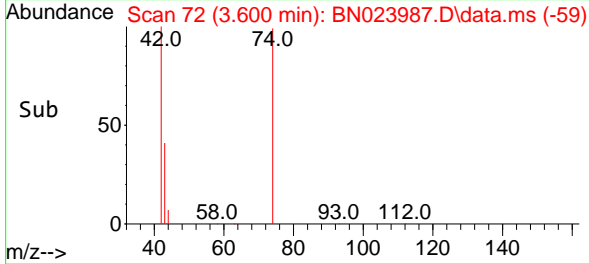
Instrument :  
 BNA\_N  
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Tgt Ion: 42 Resp: 1952  
 Ion Ratio Lower Upper  
 42 100  
 74 117.0 99.3 148.9  
 44 7.7 4.2 6.4

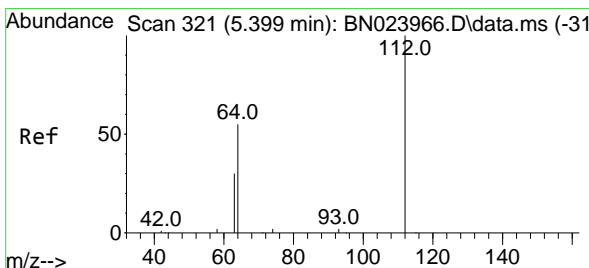
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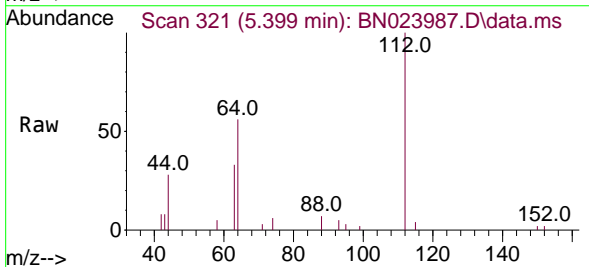


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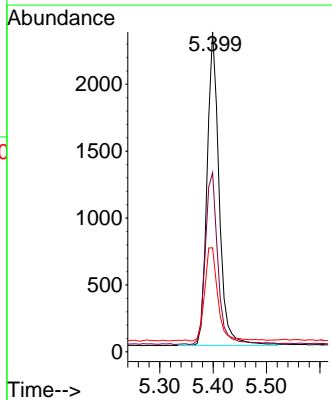
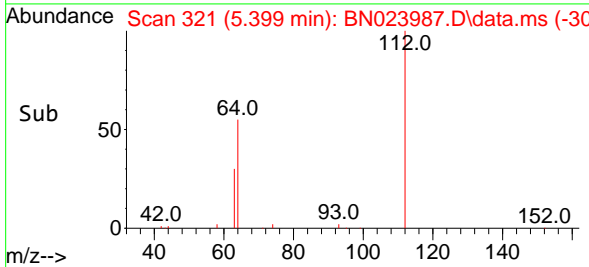
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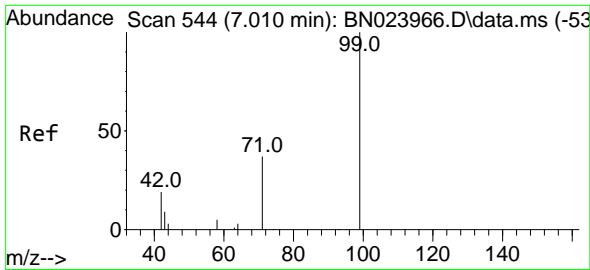


#4  
 2-Fluorophenol  
 Concen: 0.356 ng  
 RT: 5.399 min Scan# 321  
 Delta R.T. 0.000 min  
 Lab File: BN023987.D  
 Acq: 08 Feb 2023 03:00



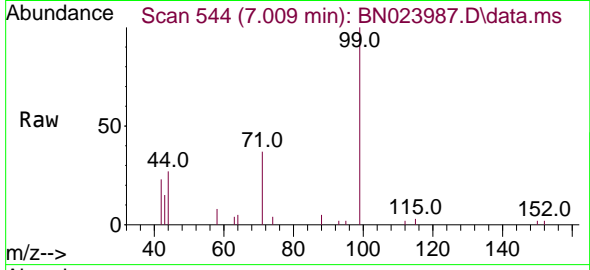
Tgt Ion:112 Resp: 3671  
 Ion Ratio Lower Upper  
 112 100  
 64 57.7 44.8 67.2  
 63 31.9 25.1 37.7





#5  
 Phenol-d6  
 Concen: 0.357 ng  
 RT: 7.009 min Scan# 54  
 Delta R.T. 0.000 min  
 Lab File: BN023987.D  
 Acq: 08 Feb 2023 03:00

Instrument :  
 BNA\_N  
 ClientSampleId :

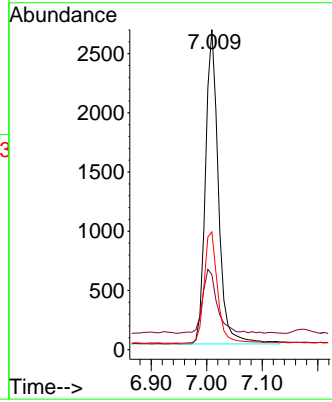
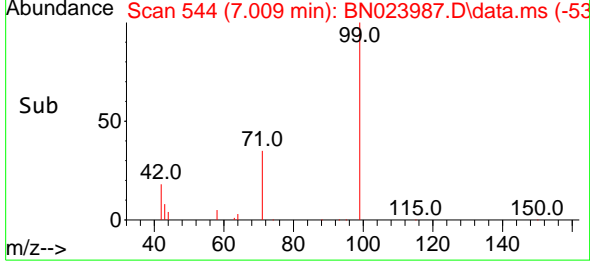


Tgt Ion: 99 Resp: 432

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 22.7  | 17.0  | 25.6  |
| 71  | 37.1  | 29.0  | 43.4  |

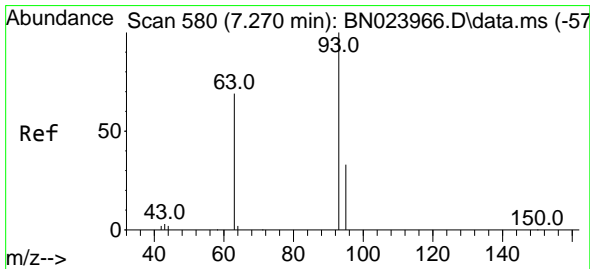
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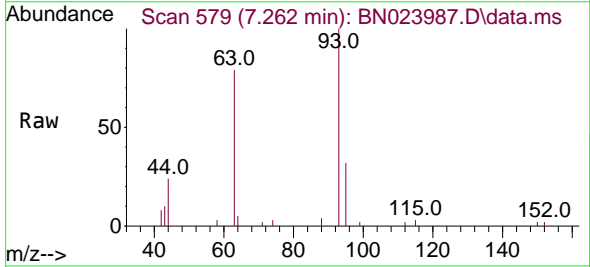


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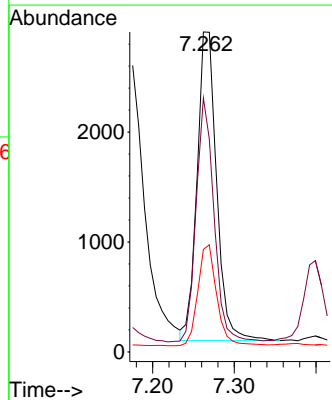
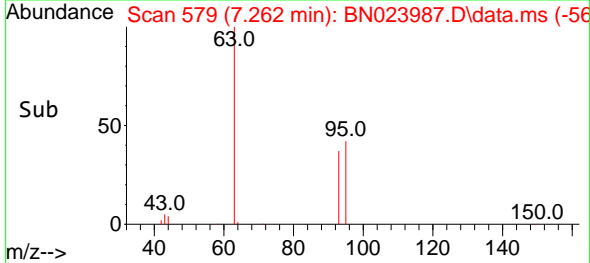


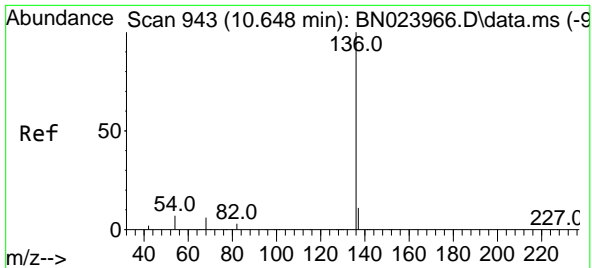
#6  
 bis(2-Chloroethyl)ether  
 Concen: 0.385 ng  
 RT: 7.262 min Scan# 579  
 Delta R.T. -0.007 min  
 Lab File: BN023987.D  
 Acq: 08 Feb 2023 03:00



Tgt Ion: 93 Resp: 4667

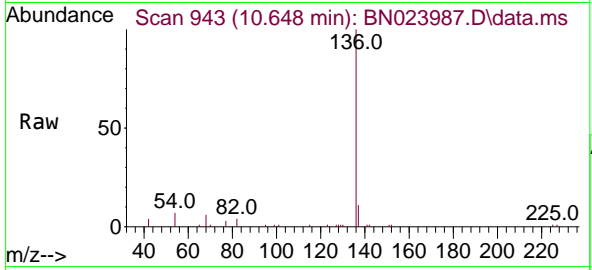
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 93  | 100   |       |       |
| 63  | 72.4  | 58.4  | 87.6  |
| 95  | 31.6  | 25.8  | 38.6  |





#7  
 Naphthalene-d8  
 Concen: 0.400 ng  
 RT: 10.648 min Scan# 943  
 Delta R.T. 0.000 min  
 Lab File: BN023987.D  
 Acq: 08 Feb 2023 03:00

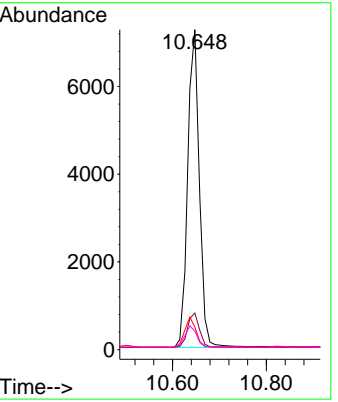
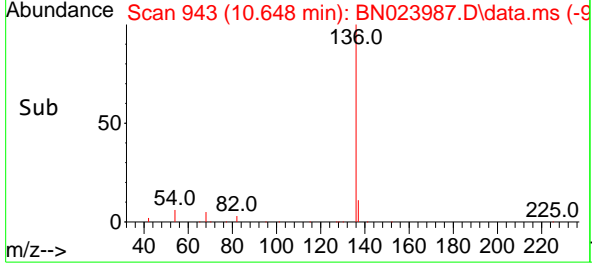
Instrument : BNA\_N  
 ClientSampleId :



Tgt Ion: 136 Resp: 12528

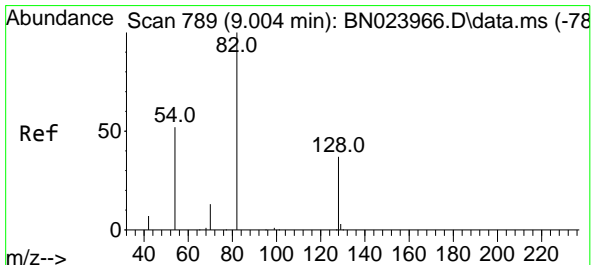
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 11.4  | 9.1   | 13.7  |
| 54  | 7.0   | 5.8   | 8.8   |
| 68  | 5.8   | 5.0   | 7.4   |

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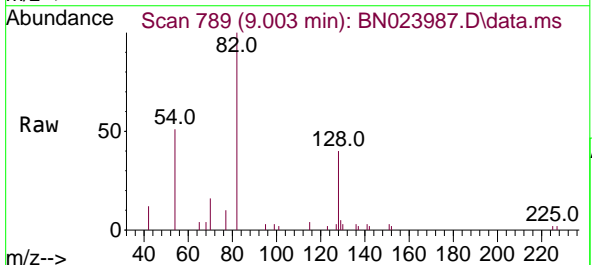


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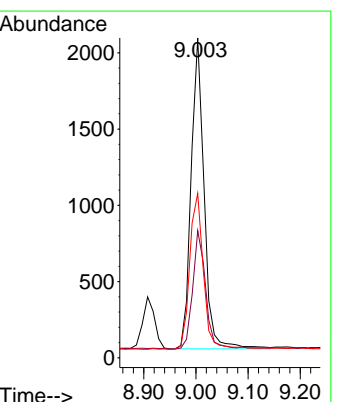
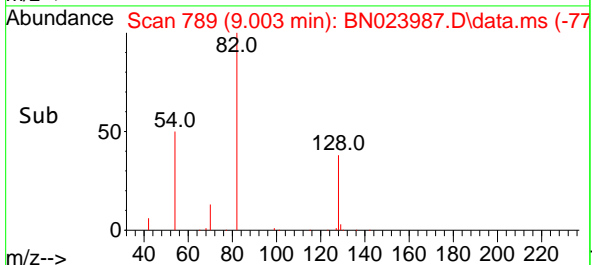


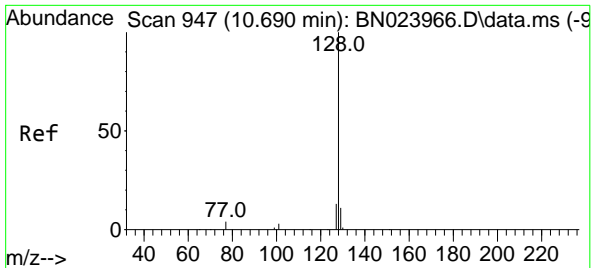
#8  
 Nitrobenzene-d5  
 Concen: 0.351 ng  
 RT: 9.003 min Scan# 789  
 Delta R.T. 0.000 min  
 Lab File: BN023987.D  
 Acq: 08 Feb 2023 03:00



Tgt Ion: 82 Resp: 3527

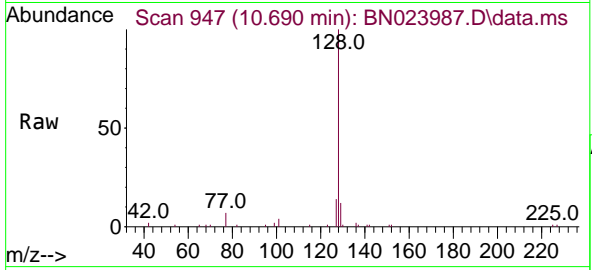
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 39.8  | 31.5  | 47.3  |
| 54  | 51.4  | 42.8  | 64.2  |





#9  
 Naphthalene  
 Concen: 0.362 ng  
 RT: 10.690 min Scan# 947  
 Delta R.T. 0.000 min  
 Lab File: BN023987.D  
 Acq: 08 Feb 2023 03:00

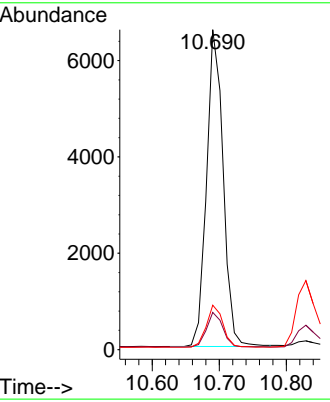
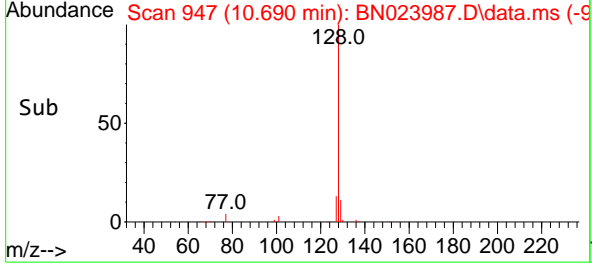
Instrument :  
 BNA\_N  
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Tgt Ion:128 Resp: 11302

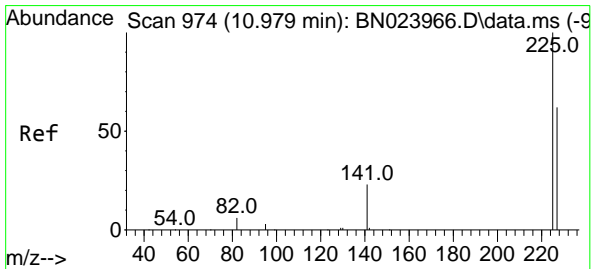
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100   |       |       |
| 129 | 11.6  | 9.3   | 13.9  |
| 127 | 13.9  | 11.0  | 16.4  |

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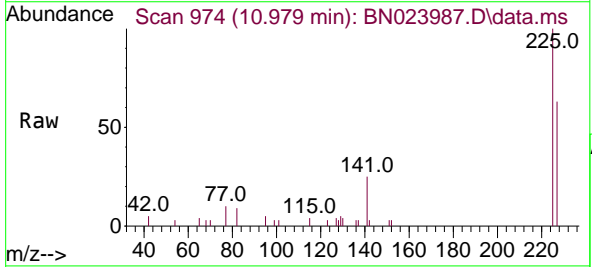


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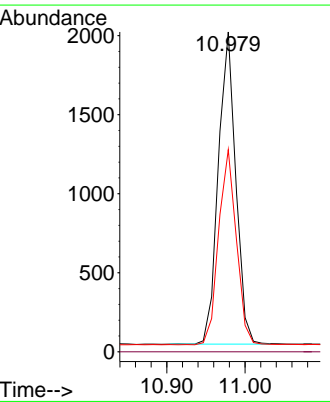
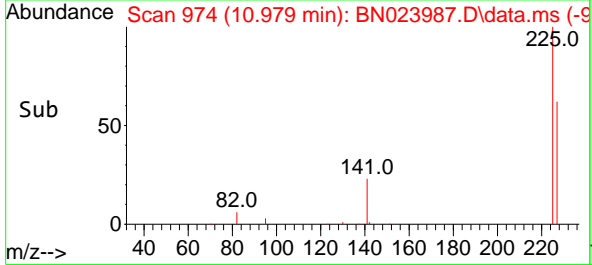


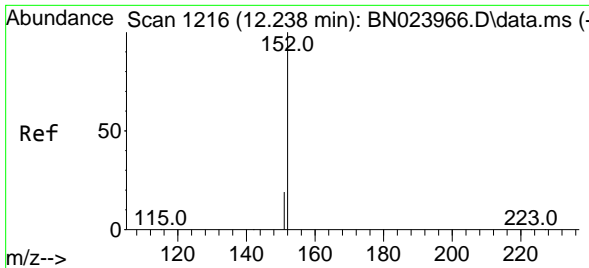
#10  
 Hexachlorobutadiene  
 Concen: 0.374 ng  
 RT: 10.979 min Scan# 974  
 Delta R.T. 0.000 min  
 Lab File: BN023987.D  
 Acq: 08 Feb 2023 03:00



Tgt Ion:225 Resp: 3068

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 225 | 100   |       |       |
| 223 | 0.0   | 0.0   | 0.0   |
| 227 | 63.5  | 51.1  | 76.7  |



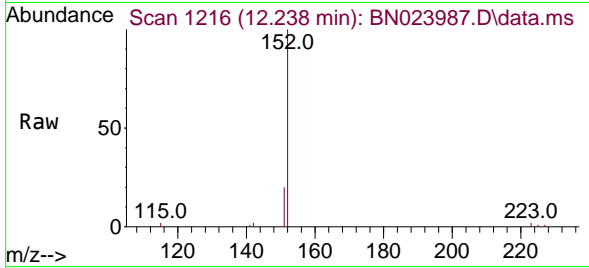


#11  
 2-Methylnaphthalene-d10  
 Concen: 0.358 ng  
 RT: 12.238 min Scan# 11  
 Delta R.T. 0.000 min  
 Lab File: BN023987.D  
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Instrument :

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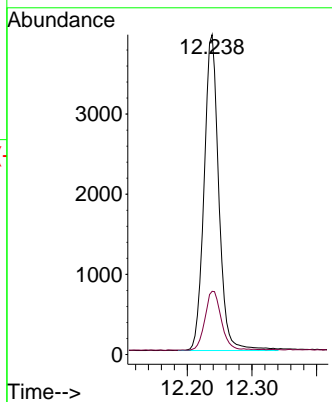
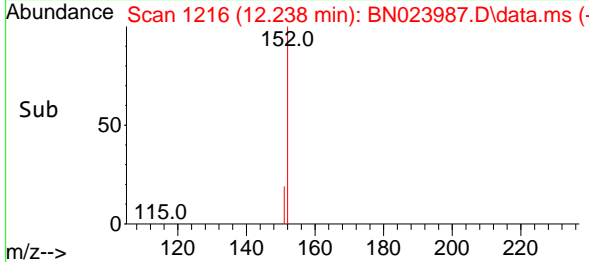
ClientSampleId :



Tgt Ion:152 Resp: 6239  
 Ion Ratio Lower Upper  
 152 100  
 151 20.8 16.6 24.8

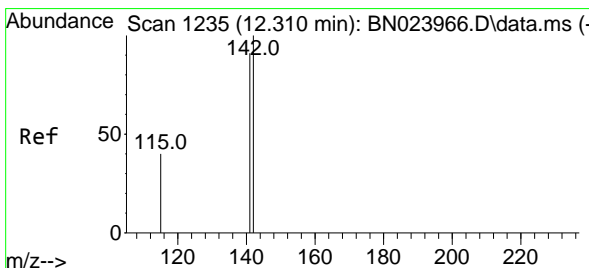
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Reviewed By :Christian Giraldo

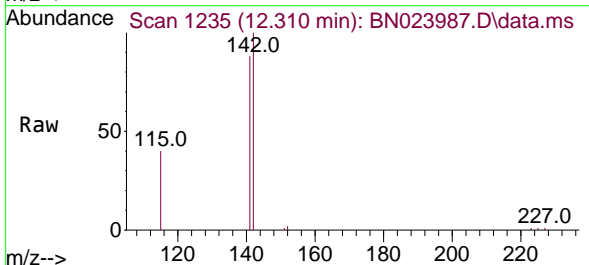


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 Supervised By :Jagrut Upadhyay

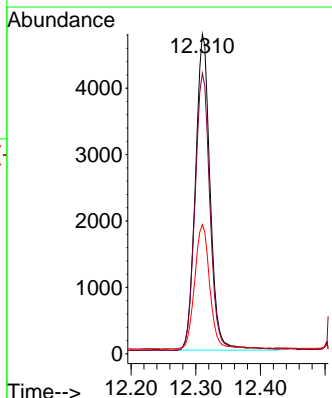
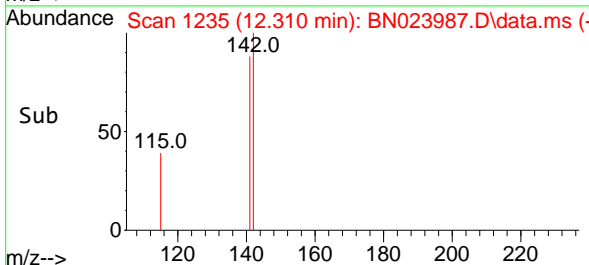
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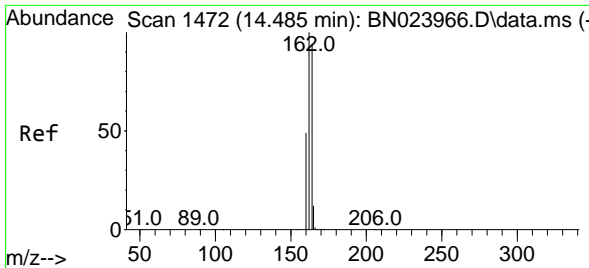
#12  
 2-Methylnaphthalene  
 Concen: 0.362 ng  
 RT: 12.310 min Scan# 1235  
 Delta R.T. 0.000 min  
 Lab File: BN023987.D  
 Acq: 08 Feb 2023 03:00



Tgt Ion:142 Resp: 7530  
 Ion Ratio Lower Upper  
 142 100  
 141 87.7 72.9 109.3  
 115 40.4 33.1 49.7





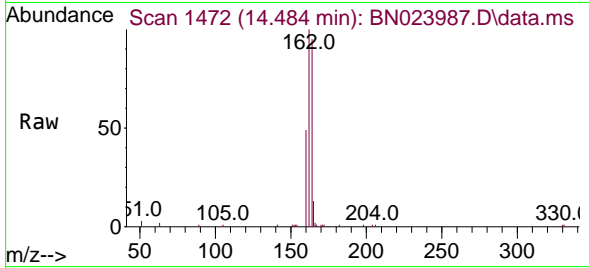


#13  
 Acenaphthene-d10  
 Concen: 0.400 ng  
 RT: 14.484 min Scan# 14  
 Delta R.T. 0.000 min  
 Lab File: BN023987.D  
 Acq: 08 Feb 2023 03:00

Instrument :

BNA\_N

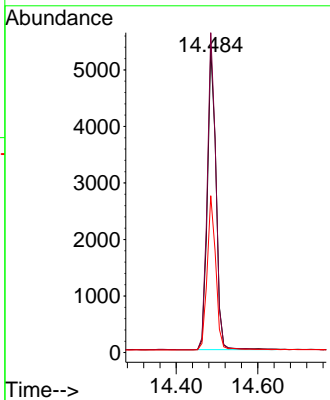
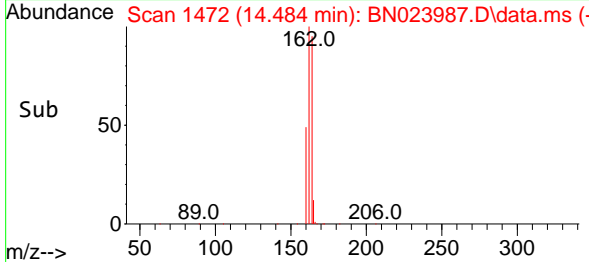
ClientSampleId :



Tgt Ion:164 Resp: 7829  
 Ion Ratio Lower Upper  
 164 100  
 162 105.2 84.8 127.2  
 160 51.6 42.0 63.0

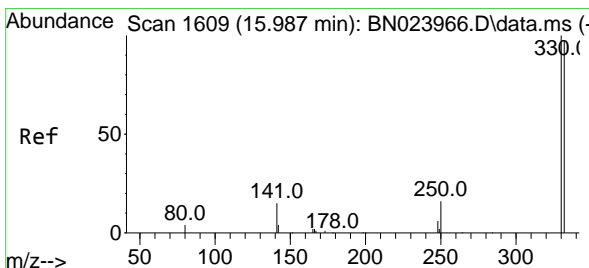
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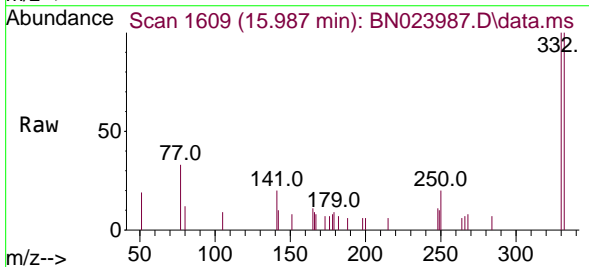


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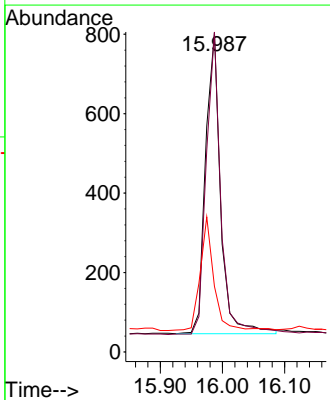
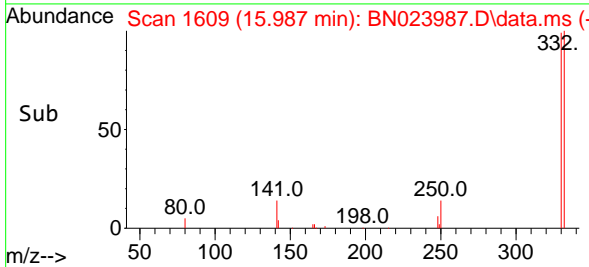
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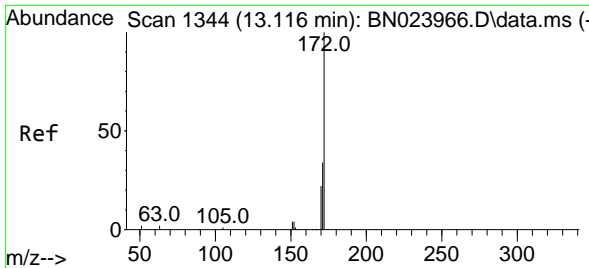


#14  
 2,4,6-Tribromophenol  
 Concen: 0.316 ng  
 RT: 15.987 min Scan# 1609  
 Delta R.T. 0.000 min  
 Lab File: BN023987.D  
 Acq: 08 Feb 2023 03:00



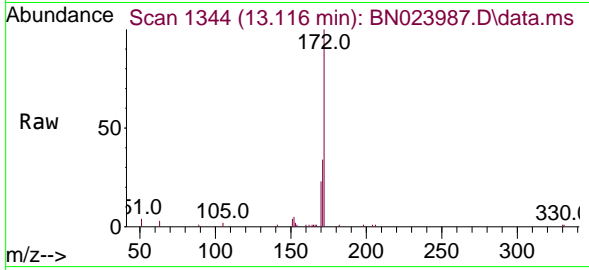
Tgt Ion:330 Resp: 1273  
 Ion Ratio Lower Upper  
 330 100  
 332 98.0 77.7 116.5  
 141 34.6 26.6 39.8





#15  
 2-Fluorobiphenyl  
 Concen: 0.361 ng  
 RT: 13.116 min Scan# 1344  
 Delta R.T. 0.000 min  
 Lab File: BN023987.D  
 Acq: 08 Feb 2023 03:00

Instrument : BNA\_N  
 Client SampleId :

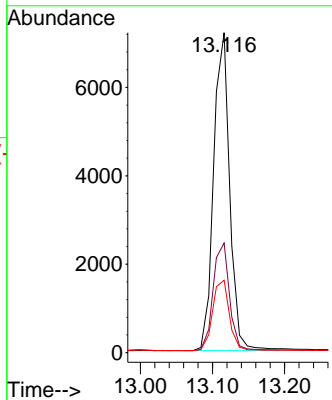
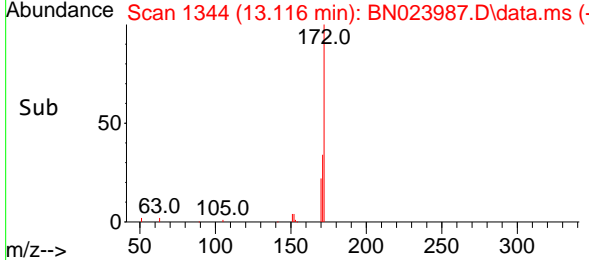


Tgt Ion:172 Resp: 11170

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 172 | 100   |       |       |
| 171 | 34.2  | 27.4  | 41.2  |
| 170 | 22.6  | 18.2  | 27.4  |

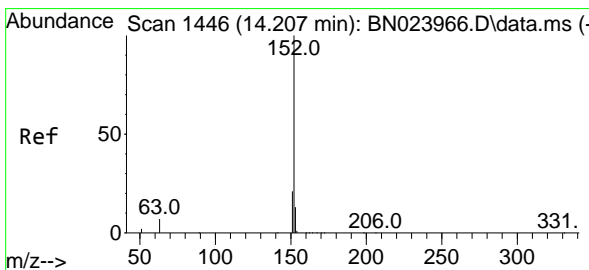
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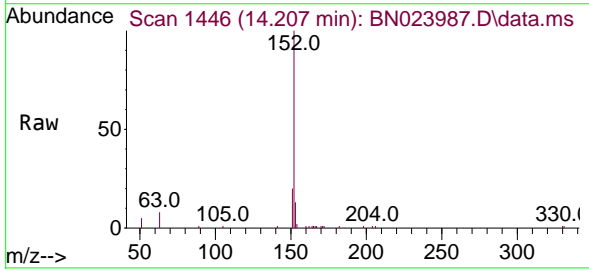


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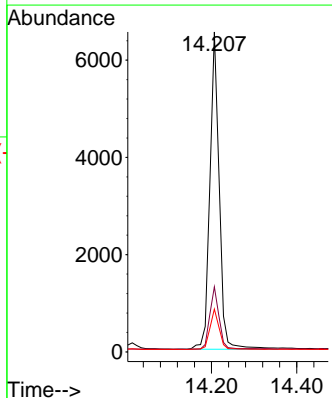
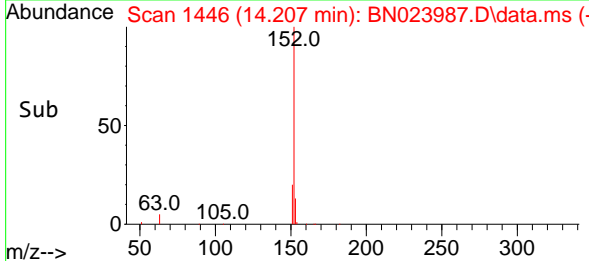


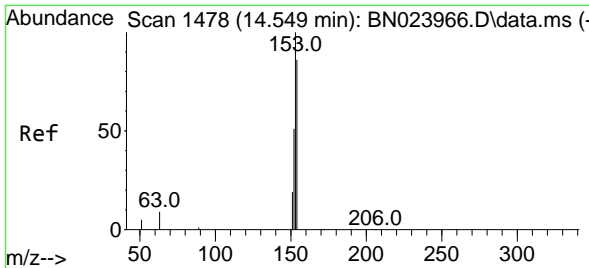
#16  
 Acenaphthylene  
 Concen: 0.326 ng  
 RT: 14.207 min Scan# 1446  
 Delta R.T. 0.000 min  
 Lab File: BN023987.D  
 Acq: 08 Feb 2023 03:00



Tgt Ion:152 Resp: 9948

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 152 | 100   |       |       |
| 151 | 19.3  | 15.9  | 23.9  |
| 153 | 12.7  | 10.5  | 15.7  |



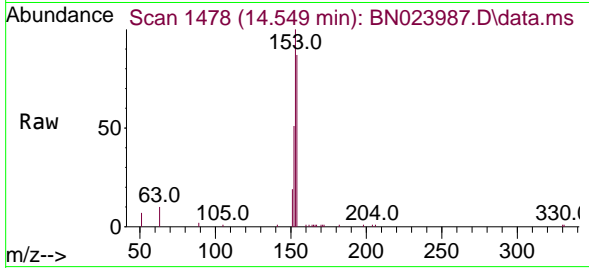


#17  
 Acenaphthene  
 Concen: 0.360 ng  
 RT: 14.549 min Scan# 1478  
 Delta R.T. 0.000 min  
 Lab File: BN023987.D  
 Acq: 08 Feb 2023 03:00

Instrument :

BNA\_N

ClientSampleId :

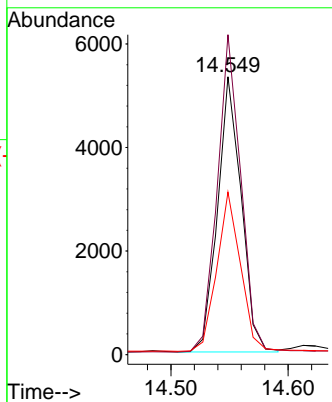
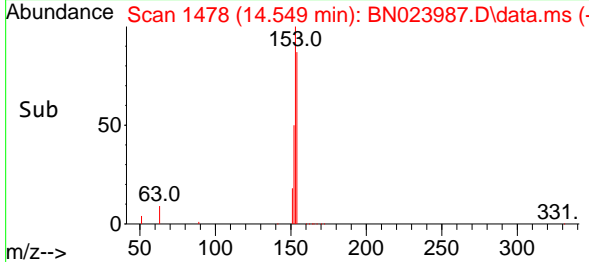


Tgt Ion:154 Resp: 7468

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 154 | 100   |       |       |
| 153 | 115.7 | 92.6  | 139.0 |
| 152 | 58.4  | 46.5  | 69.7  |

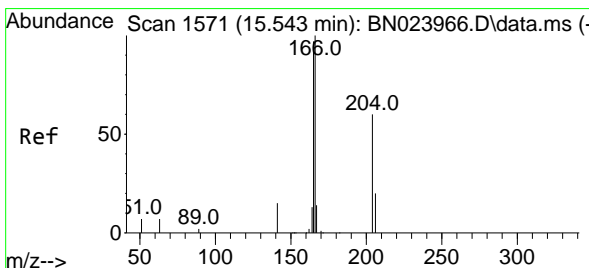
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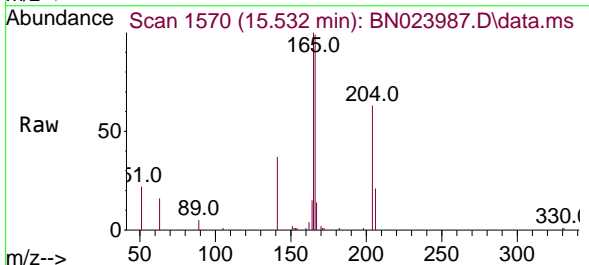


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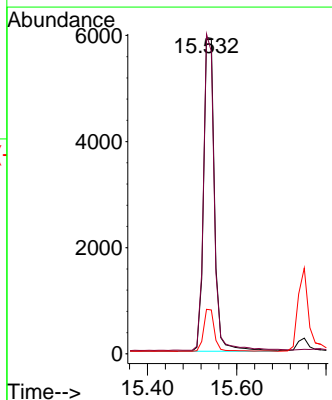
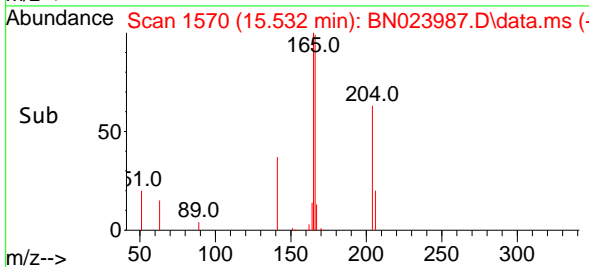


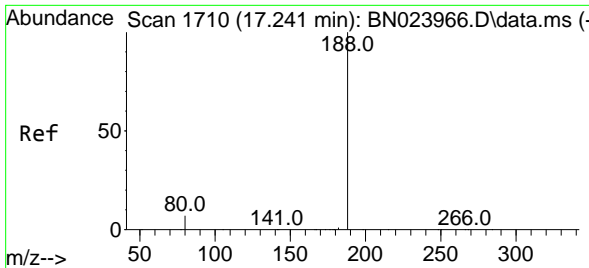
#18  
 Fluorene  
 Concen: 0.357 ng  
 RT: 15.532 min Scan# 1570  
 Delta R.T. -0.011 min  
 Lab File: BN023987.D  
 Acq: 08 Feb 2023 03:00



Tgt Ion:166 Resp: 10040

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 166 | 100   |       |       |
| 165 | 98.4  | 79.3  | 118.9 |
| 167 | 13.4  | 11.0  | 16.6  |



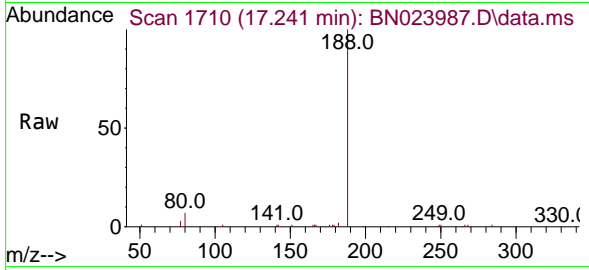


#19  
 Phenanthrene-d10  
 Concen: 0.400 ng  
 RT: 17.241 min Scan# 1710  
 Delta R.T. 0.000 min  
 Lab File: BN023987.D  
 Acq: 08 Feb 2023 03:00

Instrument :

BNA\_N

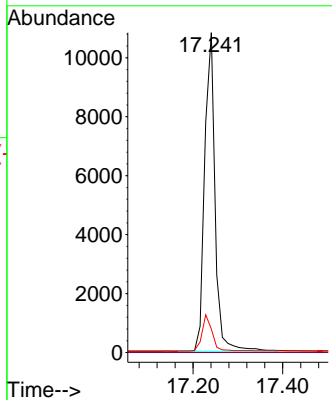
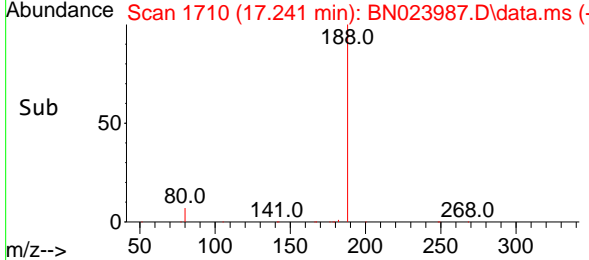
ClientSampleId :



Tgt Ion:188 Resp: 17485  
 Ion Ratio Lower Upper  
 188 100  
 94 0.0 0.0 0.0  
 80 7.4 6.1 9.1

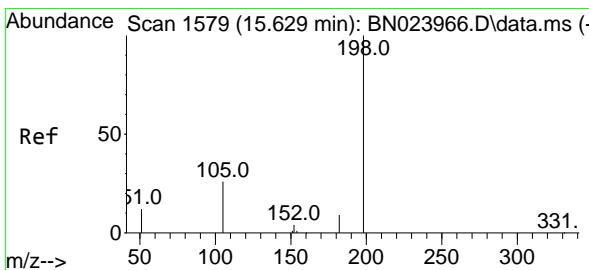
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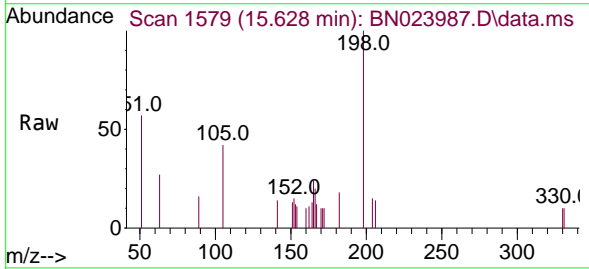


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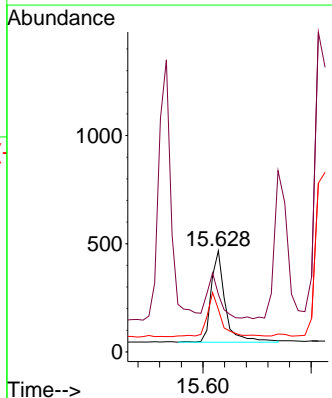
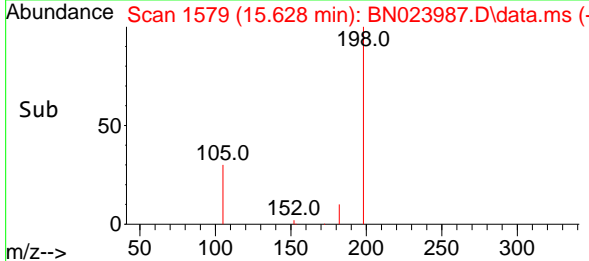
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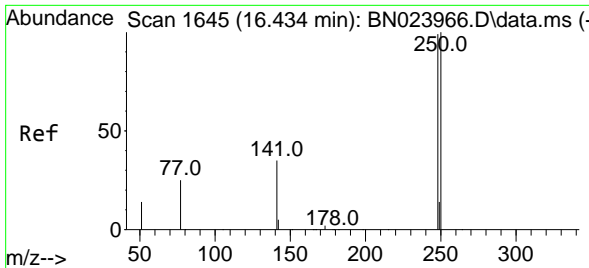


#20  
 4,6-Dinitro-2-methylphenol  
 Concen: 0.384 ng  
 RT: 15.628 min Scan# 1579  
 Delta R.T. 0.000 min  
 Lab File: BN023987.D  
 Acq: 08 Feb 2023 03:00



Tgt Ion:198 Resp: 780  
 Ion Ratio Lower Upper  
 198 100  
 51 57.0 36.8 55.2#  
 105 42.2 28.8 43.2



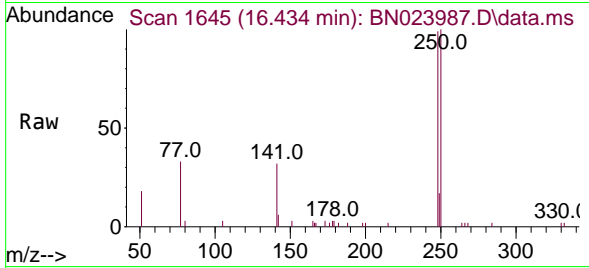


#21  
 4-Bromophenyl-phenylether  
 Concen: 0.343 ng  
 RT: 16.434 min Scan# 1645  
 Delta R.T. 0.000 min  
 Lab File: BN023987.D  
 Acq: 08 Feb 2023 03:00

Instrument :

BNA\_N

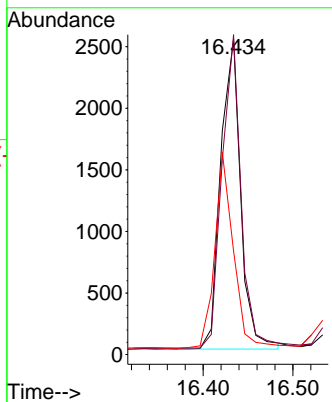
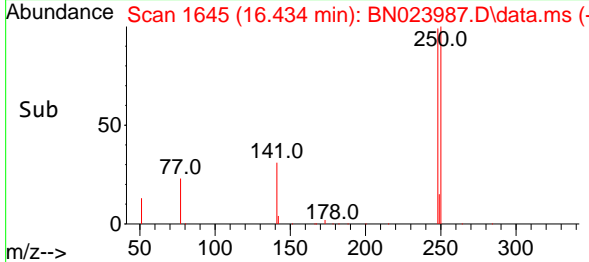
ClientSampleId :



Tgt Ion:248 Resp: 3899  
 Ion Ratio Lower Upper  
 248 100  
 250 101.4 80.8 121.2  
 141 32.8 29.2 43.8

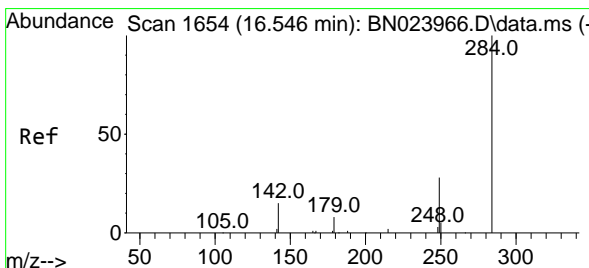
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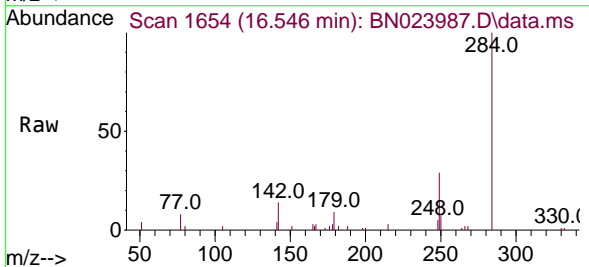


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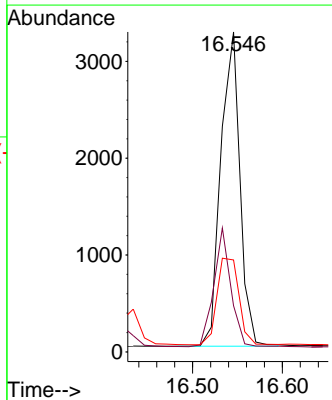
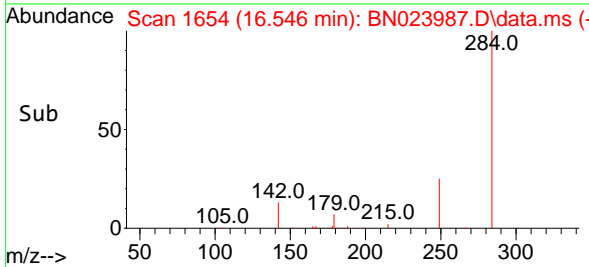
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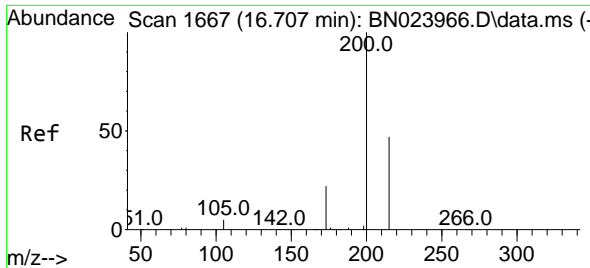


#22  
 Hexachlorobenzene  
 Concen: 0.351 ng  
 RT: 16.546 min Scan# 1654  
 Delta R.T. 0.000 min  
 Lab File: BN023987.D  
 Acq: 08 Feb 2023 03:00



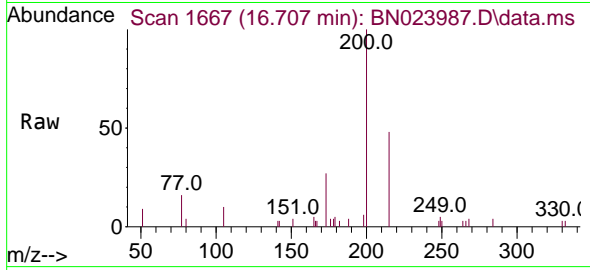
Tgt Ion:284 Resp: 4790  
 Ion Ratio Lower Upper  
 284 100  
 142 33.6 26.2 39.2  
 249 31.6 25.0 37.4





#23  
 Atrazine  
 Concen: 0.316 ng  
 RT: 16.707 min Scan# 1667  
 Delta R.T. 0.000 min  
 Lab File: BN023987.D  
 Acq: 08 Feb 2023 03:00

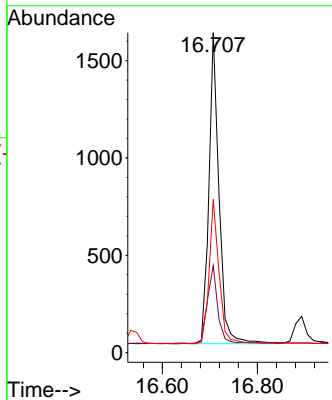
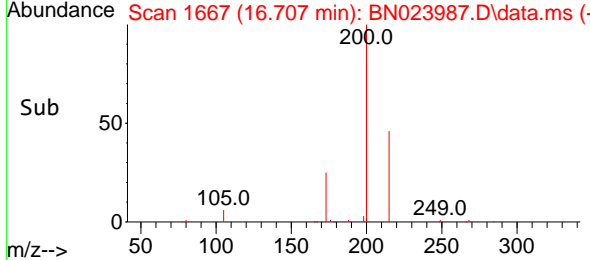
Instrument : BNA\_N  
 Client Sample Id :



Tgt Ion: 200 Resp: 2354  
 Ion Ratio Lower Upper  
 200 100  
 173 27.2 19.5 29.3  
 215 47.9 38.6 58.0

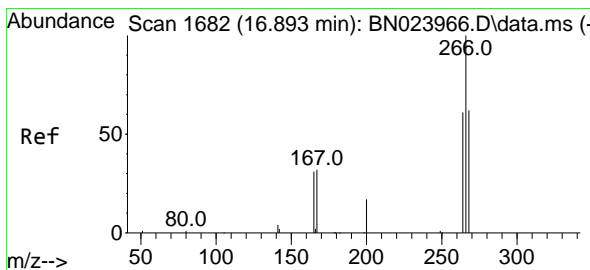
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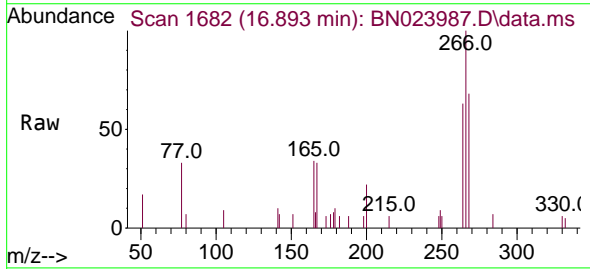


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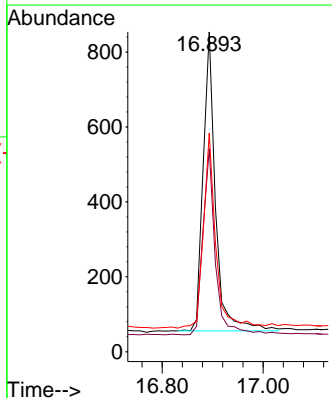
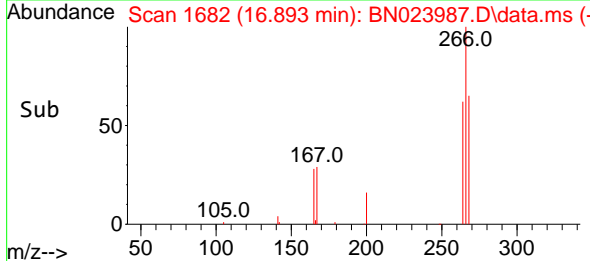
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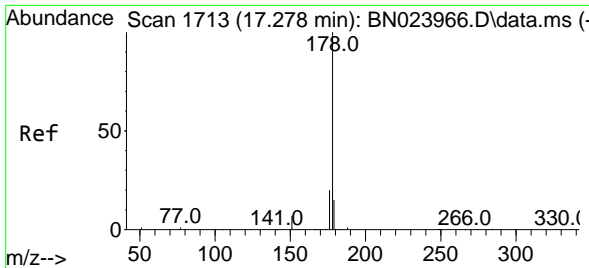


#24  
 Pentachlorophenol  
 Concen: 0.372 ng  
 RT: 16.893 min Scan# 1682  
 Delta R.T. 0.000 min  
 Lab File: BN023987.D  
 Acq: 08 Feb 2023 03:00



Tgt Ion: 266 Resp: 1350  
 Ion Ratio Lower Upper  
 266 100  
 264 63.0 47.6 71.4  
 268 65.4 47.5 71.3



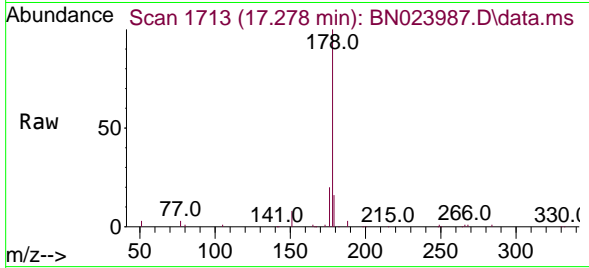


#25  
 Phenanthrene  
 Concen: 0.339 ng  
 RT: 17.278 min Scan# 1713  
 Delta R.T. 0.000 min  
 Lab File: BN023987.D  
 Acq: 08 Feb 2023 03:00

Instrument :

BNA\_N

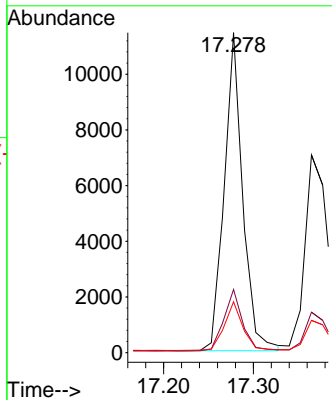
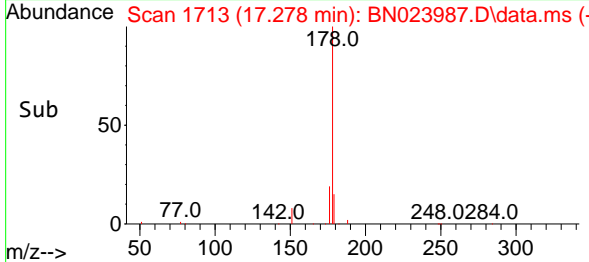
ClientSampleId :



Tgt Ion:178 Resp: 16339  
 Ion Ratio Lower Upper  
 178 100  
 176 19.6 15.6 23.4  
 179 15.5 12.6 19.0

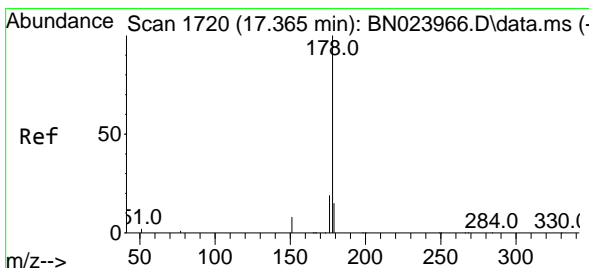
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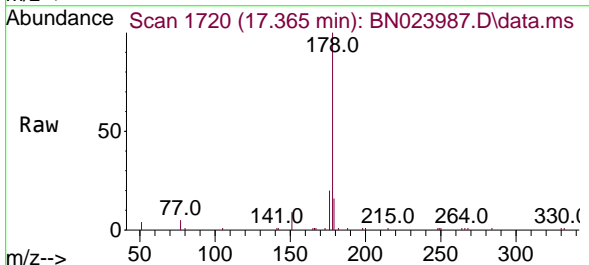


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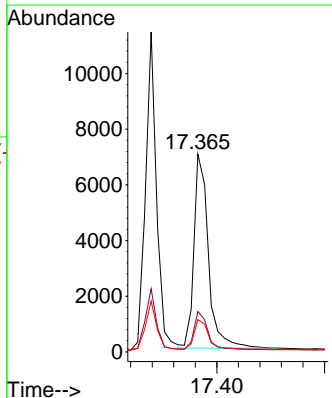
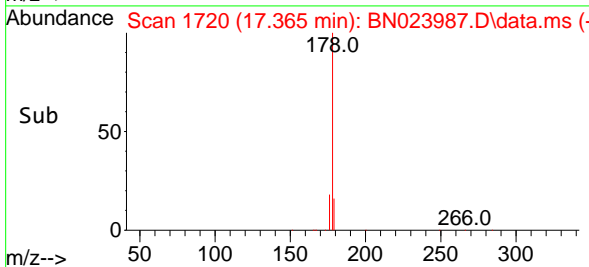
02/08/2023

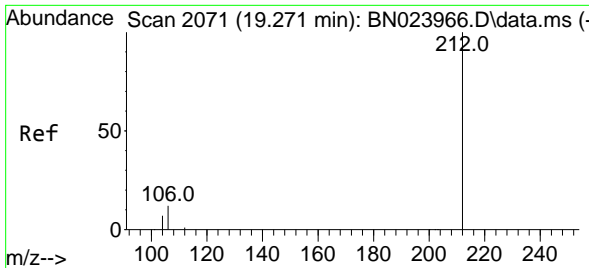


#26  
 Anthracene  
 Concen: 0.326 ng  
 RT: 17.365 min Scan# 1720  
 Delta R.T. 0.000 min  
 Lab File: BN023987.D  
 Acq: 08 Feb 2023 03:00



Tgt Ion:178 Resp: 12952  
 Ion Ratio Lower Upper  
 178 100  
 176 18.8 14.9 22.3  
 179 15.2 12.2 18.4



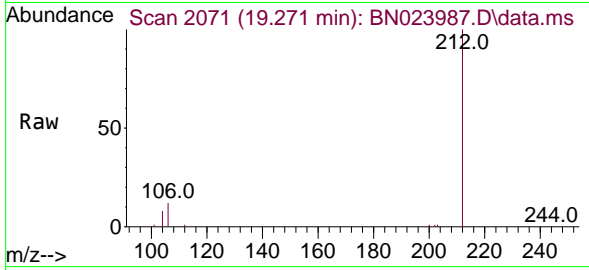


#27  
 Fluoranthene-d10  
 Concen: 0.328 ng  
 RT: 19.271 min Scan# 2071  
 Delta R.T. 0.000 min  
 Lab File: BN023987.D  
 Acq: 08 Feb 2023 03:00

Instrument :

BNA\_N

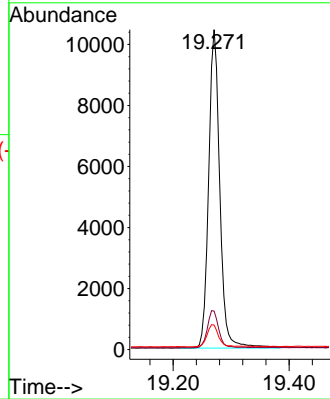
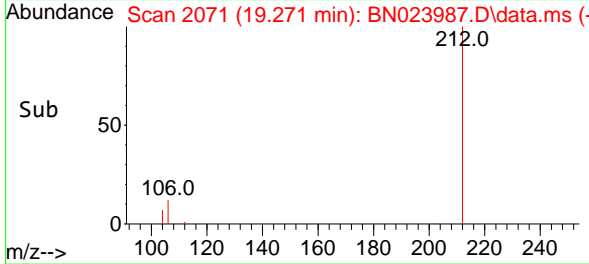
ClientSampleId :



Tgt Ion:212 Resp: 13904  
 Ion Ratio Lower Upper  
 212 100  
 106 11.8 9.2 13.8  
 104 7.2 5.7 8.5

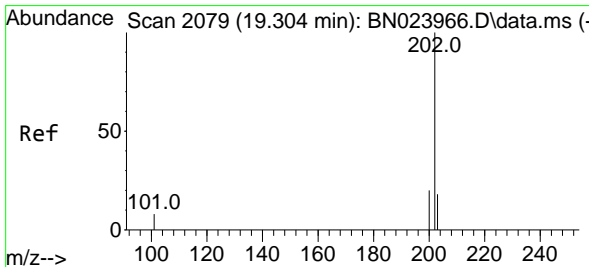
Manual Integrations  
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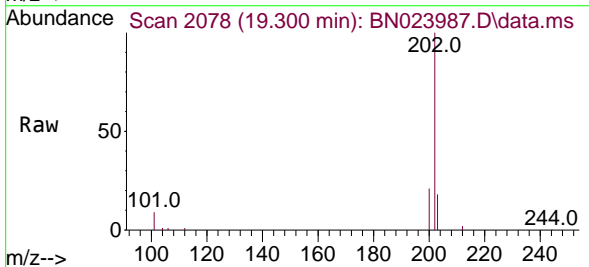


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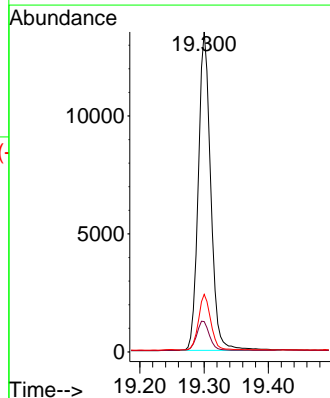
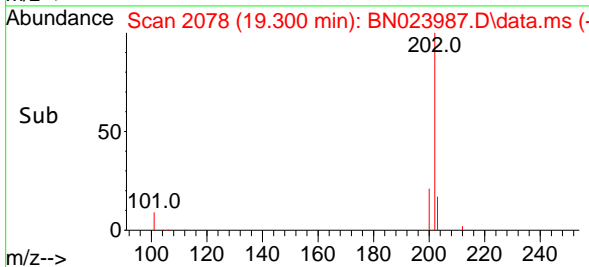
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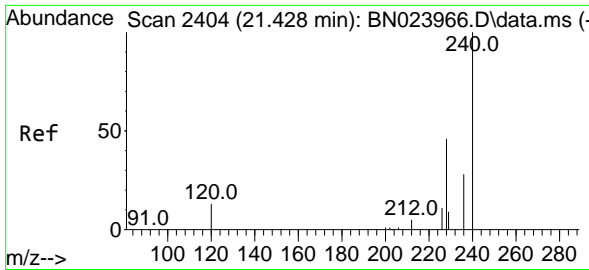
#28  
 Fluoranthene  
 Concen: 0.327 ng  
 RT: 19.300 min Scan# 2078  
 Delta R.T. 0.000 min  
 Lab File: BN023987.D  
 Acq: 08 Feb 2023 03:00



Tgt Ion:202 Resp: 18096  
 Ion Ratio Lower Upper  
 202 100  
 101 9.6 7.7 11.5  
 203 17.1 13.7 20.5





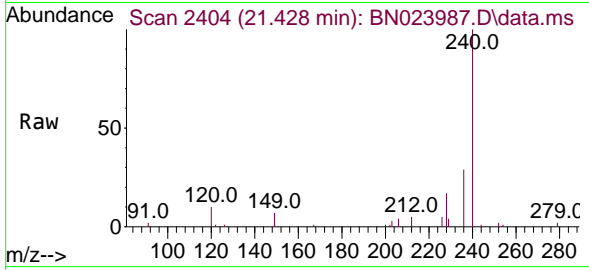


#29  
 Chrysene-d12  
 Concen: 0.400 ng  
 RT: 21.428 min Scan# 24  
 Delta R.T. -0.004 min  
 Lab File: BN023987.D  
 Acq: 08 Feb 2023 03:00

Instrument :

BNA\_N

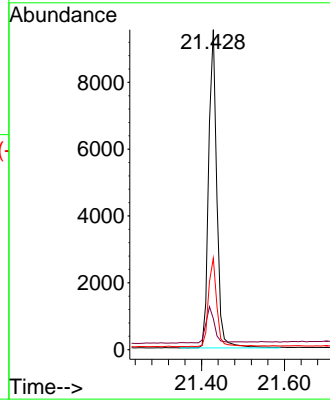
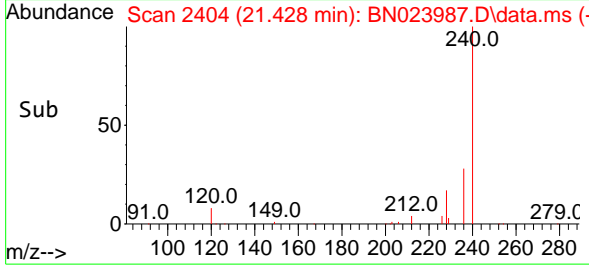
ClientSampleId :



Tgt Ion:240 Resp: 12986  
 Ion Ratio Lower Upper  
 240 100  
 120 9.7 11.4 17.0  
 236 28.6 23.2 34.8

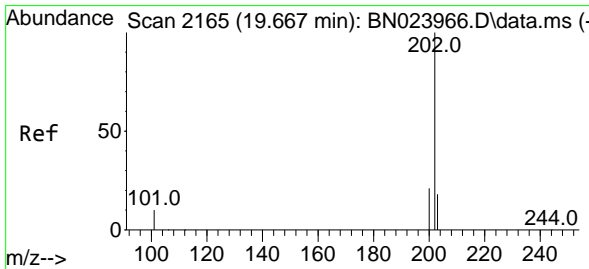
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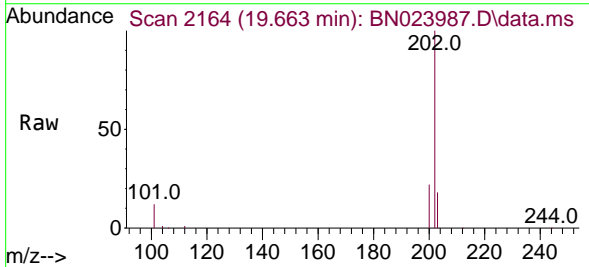


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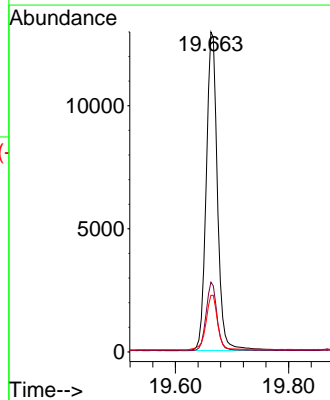
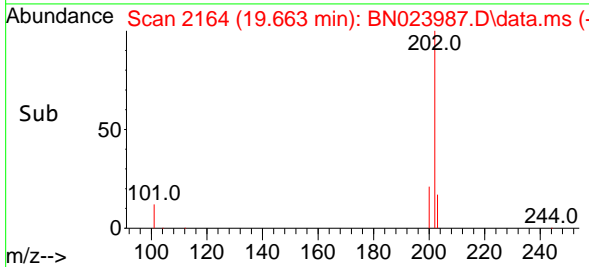
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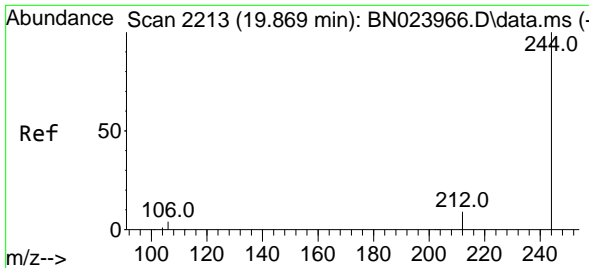


#30  
 Pyrene  
 Concen: 0.395 ng  
 RT: 19.663 min Scan# 2164  
 Delta R.T. -0.004 min  
 Lab File: BN023987.D  
 Acq: 08 Feb 2023 03:00



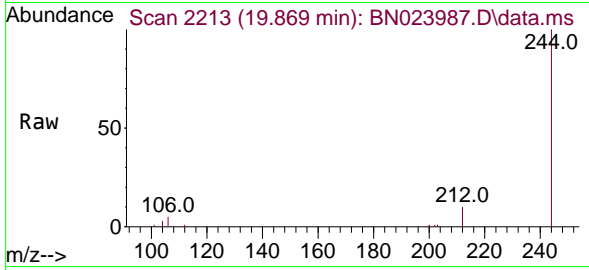
Tgt Ion:202 Resp: 17777  
 Ion Ratio Lower Upper  
 202 100  
 200 21.2 16.7 25.1  
 203 17.6 14.4 21.6





#31  
 Terphenyl-d14  
 Concen: 0.384 ng  
 RT: 19.869 min Scan# 21  
 Delta R.T. 0.000 min  
 Lab File: BN023987.D  
 Acq: 08 Feb 2023 03:00

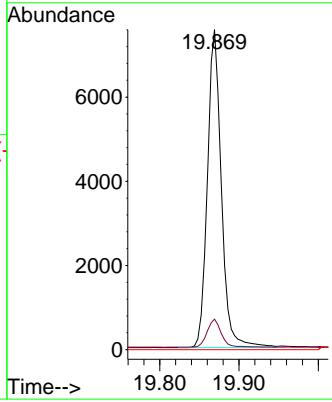
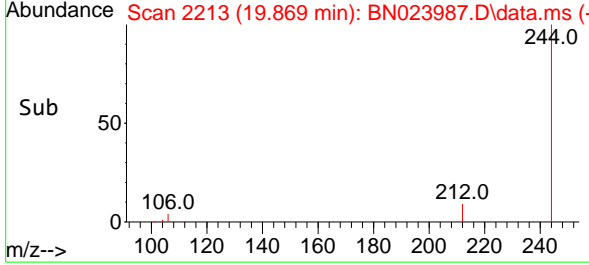
Instrument :  
 BNA\_N  
 ClientSampleId :



Tgt Ion:244 Resp: 9294

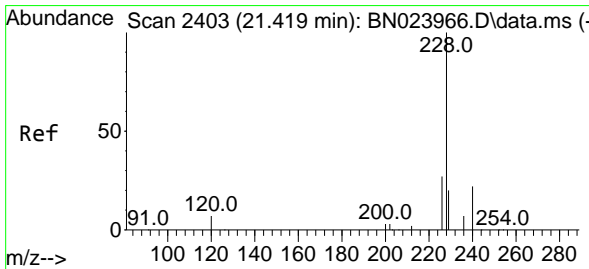
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 244 | 100   |       |       |
| 212 | 9.5   | 7.7   | 11.5  |
| 122 | 0.0   | 0.0   | 0.0   |

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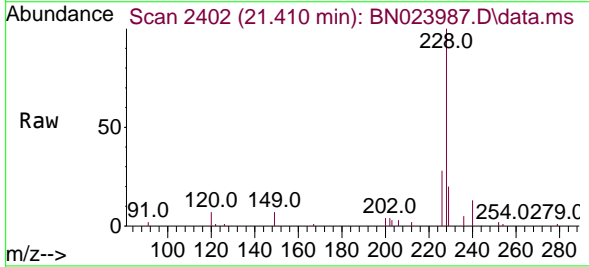


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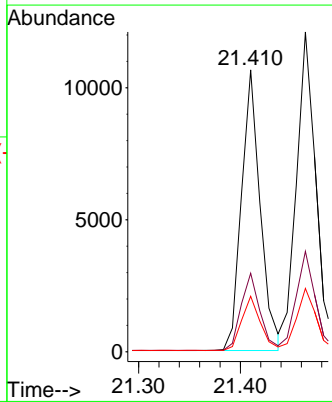
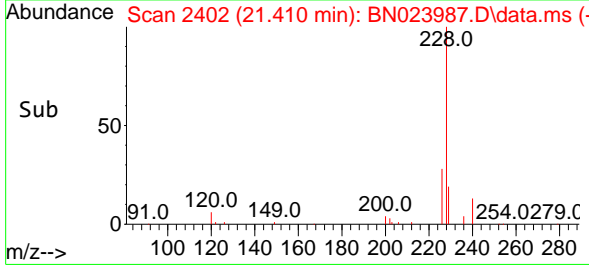


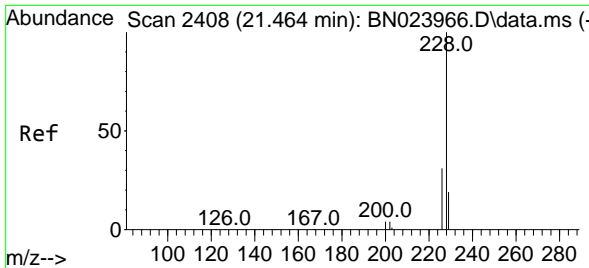
#32  
 Benzo(a)anthracene  
 Concen: 0.328 ng  
 RT: 21.410 min Scan# 2402  
 Delta R.T. -0.004 min  
 Lab File: BN023987.D  
 Acq: 08 Feb 2023 03:00



Tgt Ion:228 Resp: 13621

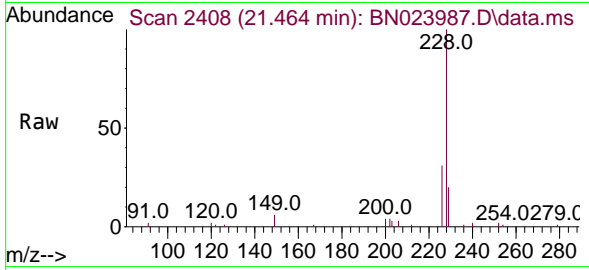
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 27.9  | 21.8  | 32.8  |
| 229 | 19.7  | 15.9  | 23.9  |





#33  
 Chrysene  
 Concen: 0.359 ng  
 RT: 21.464 min Scan# 2408  
 Delta R.T. -0.004 min  
 Lab File: BN023987.D  
 Acq: 08 Feb 2023 03:00

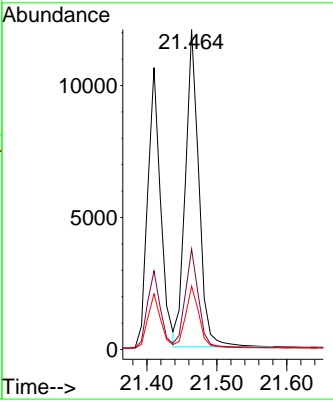
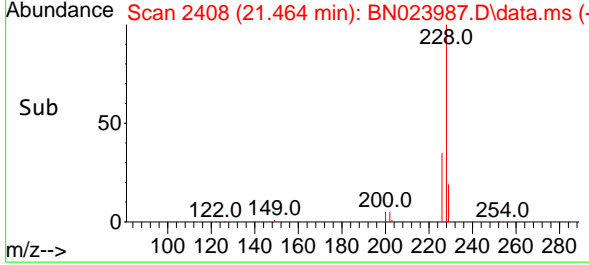
Instrument : BNA\_N  
 Client Sample Id :



Tgt Ion: 228 Resp: 16097

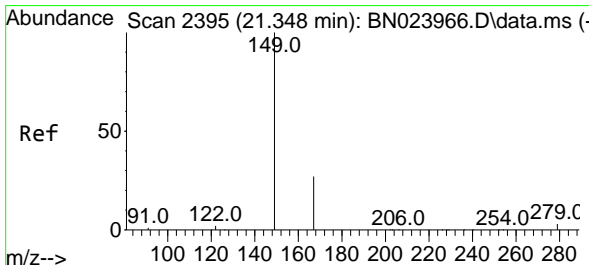
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 31.4  | 25.2  | 37.8  |
| 229 | 19.8  | 15.7  | 23.5  |

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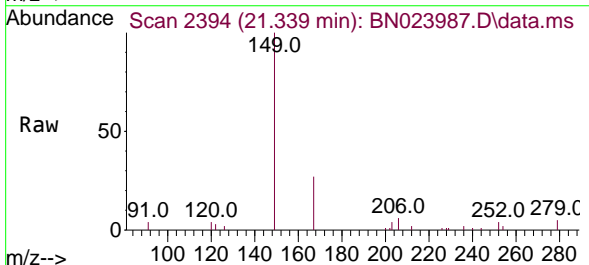


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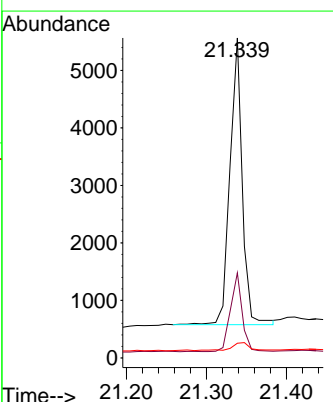
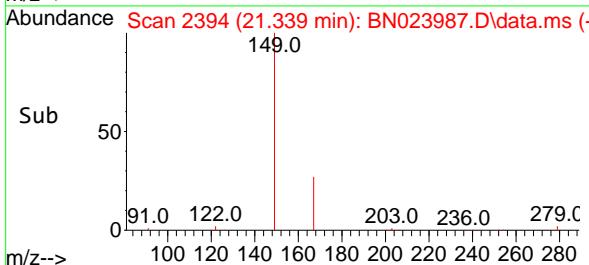


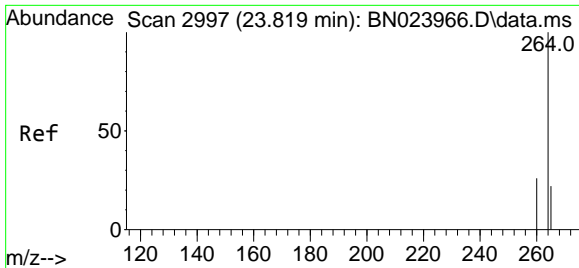
#34  
 Bis(2-ethylhexyl)phthalate  
 Concen: 0.282 ng  
 RT: 21.339 min Scan# 2394  
 Delta R.T. -0.004 min  
 Lab File: BN023987.D  
 Acq: 08 Feb 2023 03:00



Tgt Ion: 149 Resp: 5351

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 167 | 26.1  | 21.1  | 31.7  |
| 279 | 4.1   | 3.1   | 4.7   |



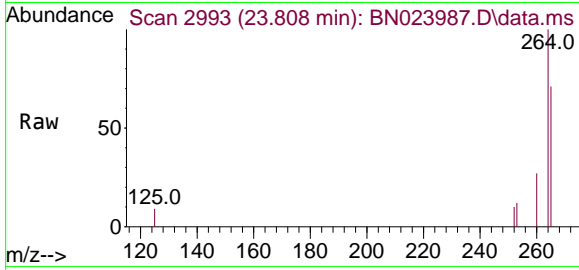


#35  
 Perylene-d12  
 Concen: 0.400 ng  
 RT: 23.808 min Scan# 2997  
 Delta R.T. -0.001 min  
 Lab File: BN023987.D  
 Acq: 08 Feb 2023 03:00

Instrument :

BNA\_N

ClientSampleId :



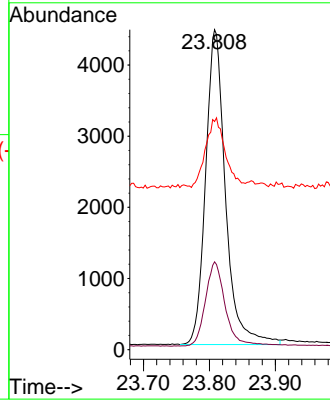
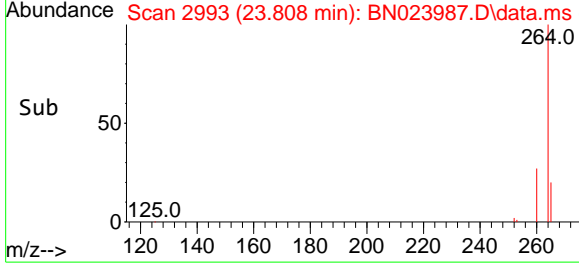
Tgt Ion:264 Resp: 9262

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 27.5  | 21.4  | 32.0  |
| 265 | 71.3  | 41.4  | 62.0  |

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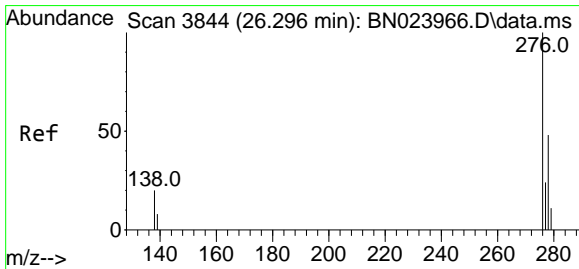
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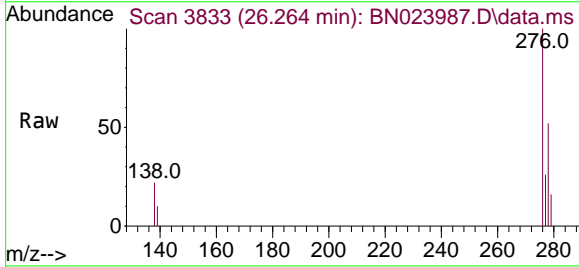


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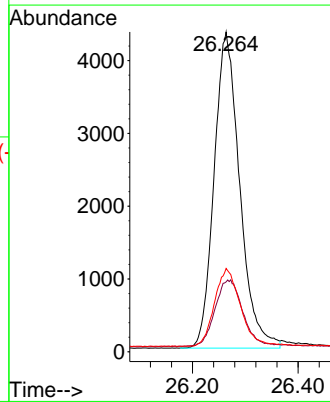
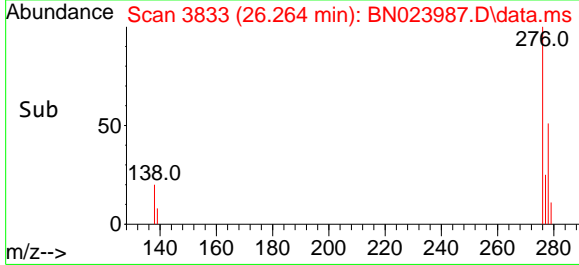


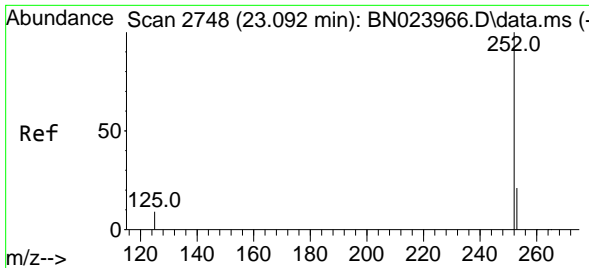
#36  
 Indeno(1,2,3-cd)pyrene  
 Concen: 0.347 ng  
 RT: 26.264 min Scan# 3833  
 Delta R.T. -0.001 min  
 Lab File: BN023987.D  
 Acq: 08 Feb 2023 03:00



Tgt Ion:276 Resp: 14612

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 276 | 100   |       |       |
| 138 | 22.8  | 18.0  | 27.0  |
| 277 | 24.6  | 19.9  | 29.9  |



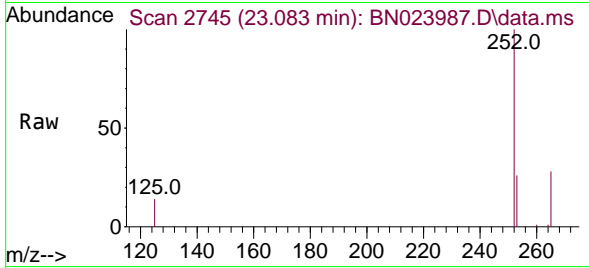


#37  
 Benzo(b)fluoranthene  
 Concen: 0.365 ng m  
 RT: 23.083 min Scan# 21  
 Delta R.T. -0.001 min  
 Lab File: BN023987.D  
 Acq: 08 Feb 2023 03:00

Instrument :

BNA\_N

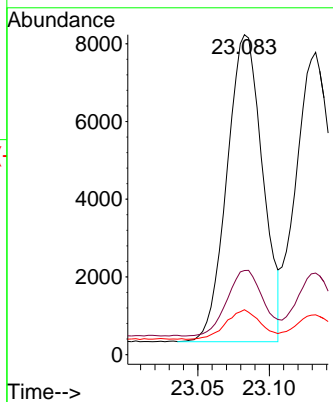
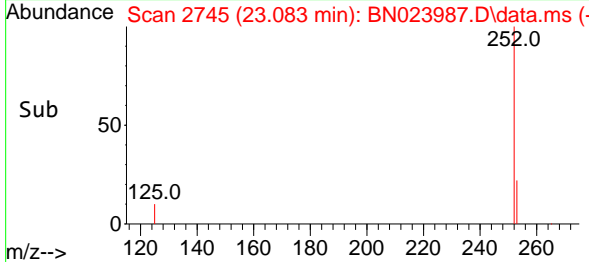
ClientSampleId :



Tgt Ion:252 Resp: 13684  
 Ion Ratio Lower Upper  
 252 100  
 253 26.3 19.8 29.6  
 125 14.0 9.4 14.0

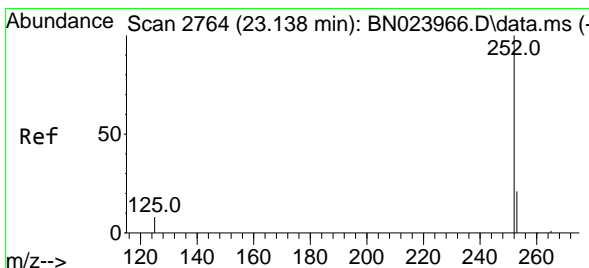
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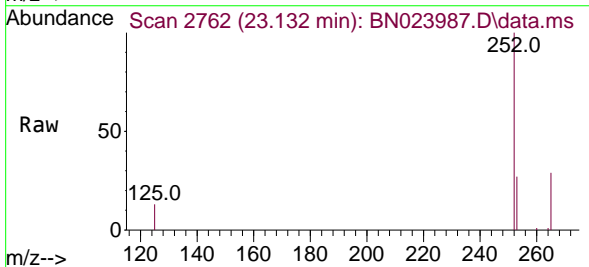


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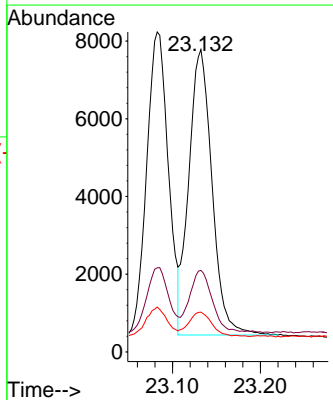
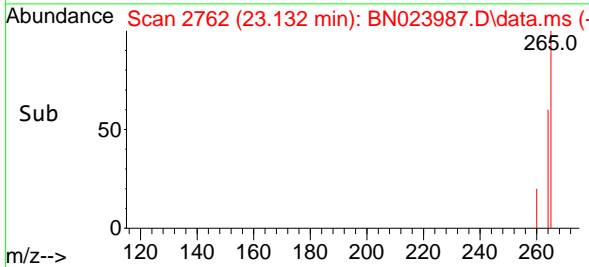
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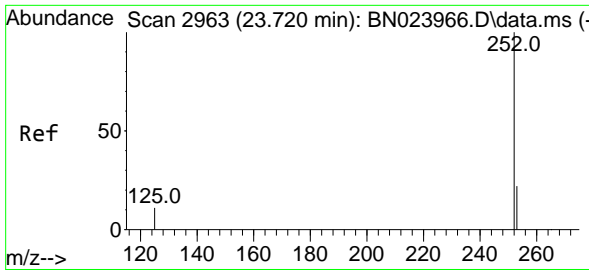


#38  
 Benzo(k)fluoranthene  
 Concen: 0.364 ng  
 RT: 23.132 min Scan# 2762  
 Delta R.T. -0.001 min  
 Lab File: BN023987.D  
 Acq: 08 Feb 2023 03:00



Tgt Ion:252 Resp: 13481  
 Ion Ratio Lower Upper  
 252 100  
 253 26.9 20.2 30.2  
 125 13.2 9.0 13.4



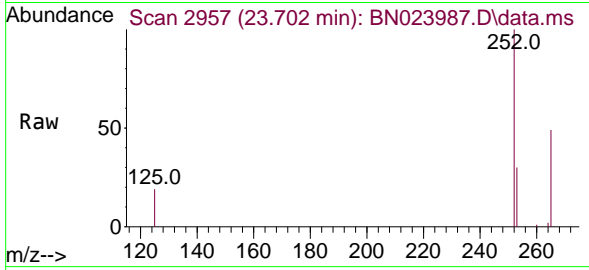


#39  
 Benzo(a)pyrene  
 Concen: 0.342 ng  
 RT: 23.702 min Scan# 2963  
 Delta R.T. -0.001 min  
 Lab File: BN023987.D  
 Acq: 08 Feb 2023 03:00

Instrument :

BNA\_N

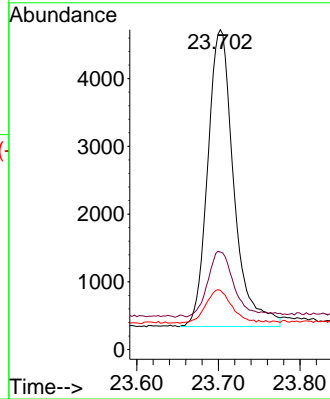
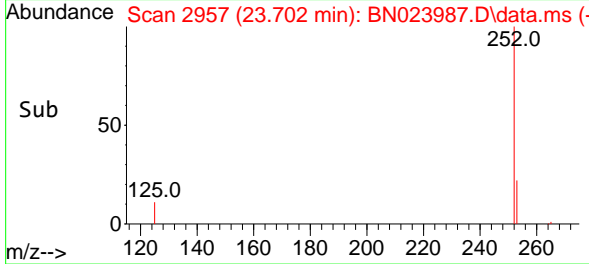
ClientSampleId :



Tgt Ion:252 Resp: 9713  
 Ion Ratio Lower Upper  
 252 100  
 253 30.5 21.9 32.9  
 125 18.5 12.4 18.6

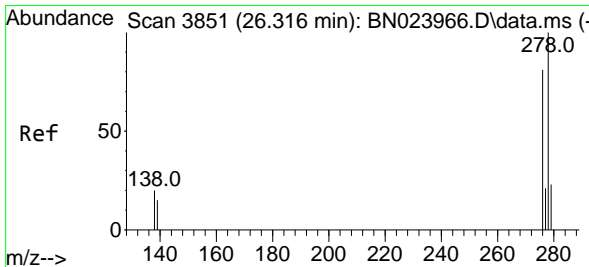
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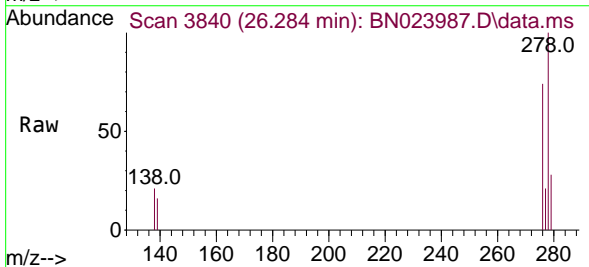


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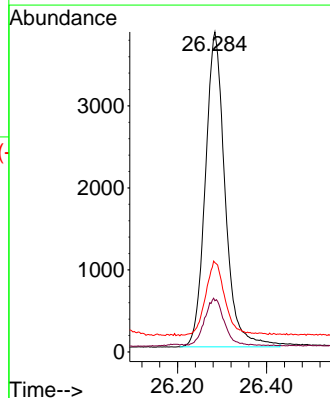
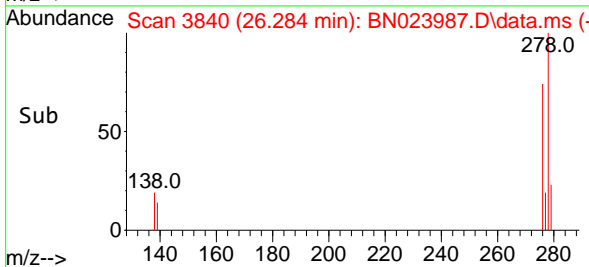
02/08/2023

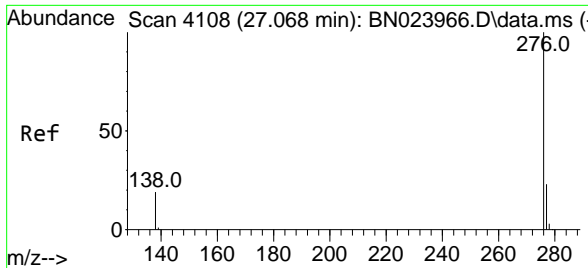


#40  
 Dibenzo(a,h)anthracene  
 Concen: 0.351 ng  
 RT: 26.284 min Scan# 3840  
 Delta R.T. -0.001 min  
 Lab File: BN023987.D  
 Acq: 08 Feb 2023 03:00



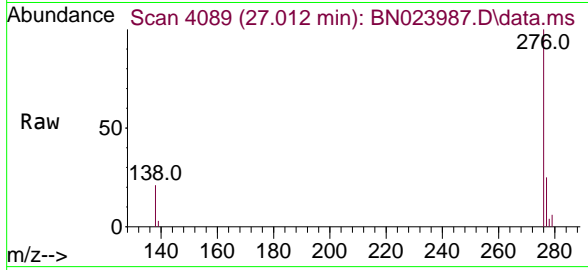
Tgt Ion:278 Resp: 11839  
 Ion Ratio Lower Upper  
 278 100  
 139 16.0 13.1 19.7  
 279 27.9 21.7 32.5





#41  
 Benzo(g,h,i)perylene  
 Concen: 0.361 ng  
 RT: 27.012 min Scan# 40  
 Delta R.T. -0.007 min  
 Lab File: BN023987.D  
 Acq: 08 Feb 2023 03:00

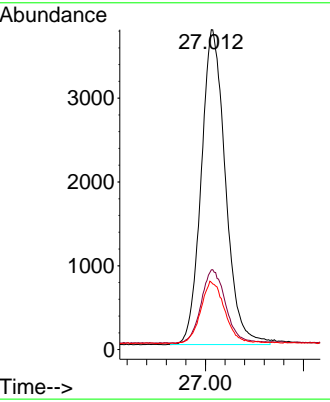
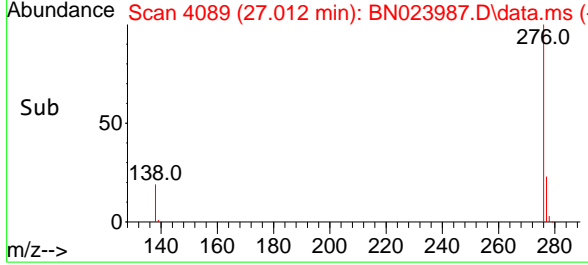
Instrument :  
 BNA\_N  
 ClientSampleId :



Tgt Ion: 276 Resp: 1290

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 276 | 100   |       |       |
| 277 | 24.9  | 19.6  | 29.4  |
| 138 | 21.0  | 16.2  | 24.4  |

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 Supervised By :Jagrut Upadhyay

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