

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN101421\  
 Data File : BN016954.D  
 Acq On : 14 Oct 2021 16:59  
 Operator : CG/JU  
 Sample : SSTDICV0.4  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 ICVBN101421

Quant Time: Oct 14 17:37:08 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN101421.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Oct 14 17:01:23 2021  
 Response via : Initial Calibration

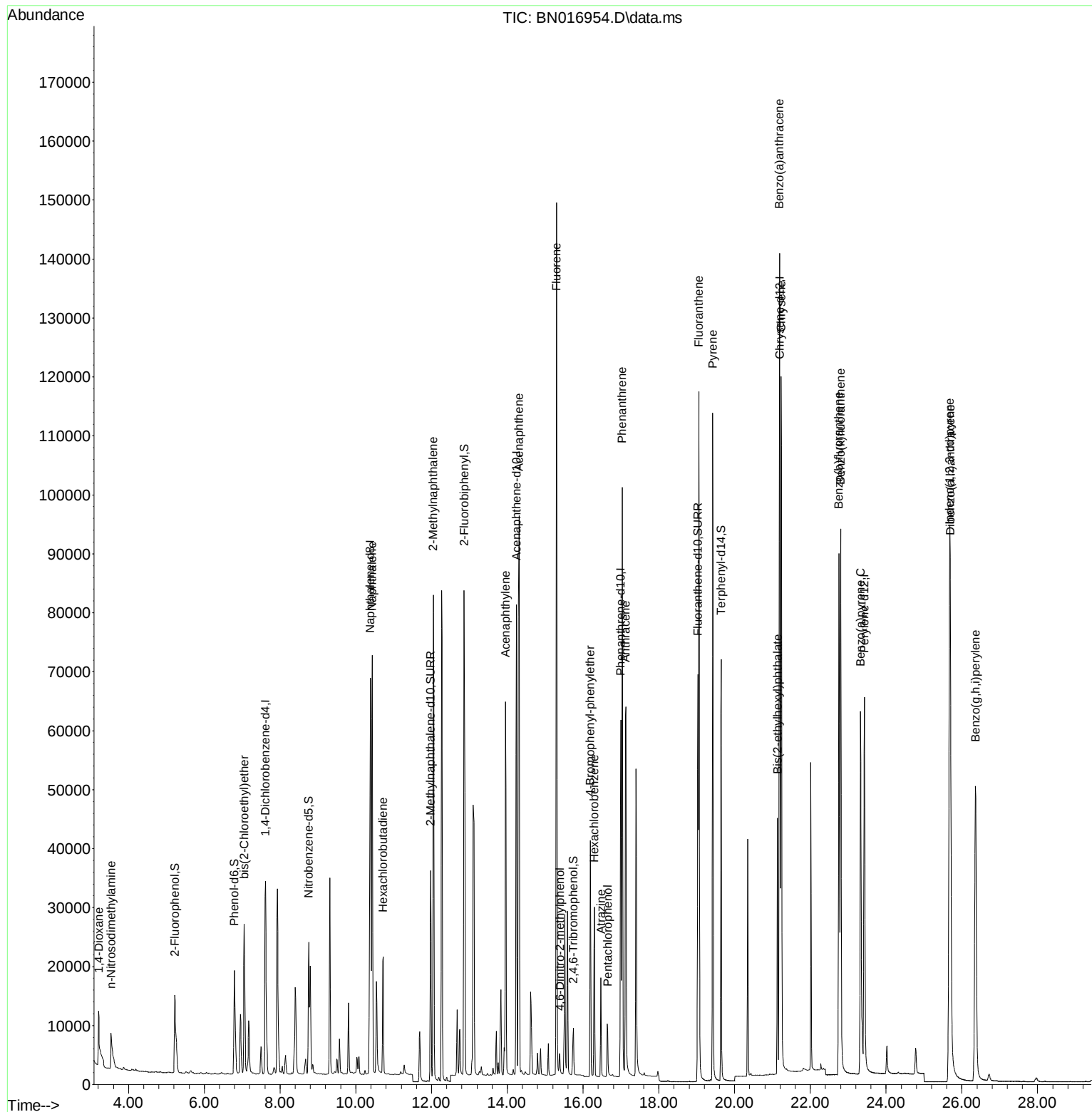
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|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.615  | 152  | 20833    | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.381 | 136  | 91710    | 0.400 | ng    | 0.00     |
| 13) Acenaphthene-d10          | 14.243 | 164  | 46903    | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 16.993 | 188  | 85347    | 0.400 | ng    | 0.00     |
| 29) Chrysene-d12              | 21.196 | 240  | 82121    | 0.400 | ng    | # 0.00   |
| 35) Perylene-d12              | 23.426 | 264  | 84990    | 0.400 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.227  | 112  | 19869    | 0.383 | ng    | 0.00     |
| 5) Phenol-d6                  | 6.794  | 99   | 21925    | 0.381 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 8.759  | 82   | 20660    | 0.354 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 11.976 | 152  | 49739    | 0.383 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.740 | 330  | 7094     | 0.336 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 12.860 | 172  | 70928    | 0.397 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.033 | 212  | 82434    | 0.380 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.644 | 244  | 73000    | 0.401 | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       |          |
|                               |        |      |          |       |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.216  | 88   | 4926     | 0.366 | ng    | # 63     |
| 3) n-Nitrosodimethylamine     | 3.539  | 42   | 6330     | 0.372 | ng    | 98       |
| 6) bis(2-Chloroethyl)ether    | 7.052  | 93   | 22904    | 0.396 | ng    | 100      |
| 9) Naphthalene                | 10.432 | 128  | 100082   | 0.387 | ng    | 100      |
| 10) Hexachlorobutadiene       | 10.723 | 225  | 18427    | 0.395 | ng    | # 100    |
| 12) 2-Methylnaphthalene       | 12.047 | 142  | 60958    | 0.395 | ng    | 99       |
| 16) Acenaphthylene            | 13.952 | 152  | 74542    | 0.384 | ng    | 100      |
| 17) Acenaphthene              | 14.307 | 154  | 51598    | 0.394 | ng    | 100      |
| 18) Fluorene                  | 15.296 | 166  | 60605    | 0.386 | ng    | 100      |
| 20) 4,6-Dinitro-2-methylph... | 15.385 | 198  | 2912     | 0.400 | ng    | 98       |
| 21) 4-Bromophenyl-phenylether | 16.190 | 248  | 19702    | 0.385 | ng    | 97       |
| 22) Hexachlorobenzene         | 16.300 | 284  | 23582    | 0.402 | ng    | 99       |
| 23) Atrazine                  | 16.470 | 200  | 12559    | 0.354 | ng    | 100      |
| 24) Pentachlorophenol         | 16.652 | 266  | 5233     | 0.382 | ng    | 100      |
| 25) Phenanthrene              | 17.030 | 178  | 96691    | 0.397 | ng    | 99       |
| 26) Anthracene                | 17.127 | 178  | 80930    | 0.386 | ng    | 100      |
| 28) Fluoranthene              | 19.058 | 202  | 106613   | 0.399 | ng    | 100      |
| 30) Pyrene                    | 19.425 | 202  | 105596   | 0.405 | ng    | 100      |
| 32) Benzo(a)anthracene        | 21.185 | 228  | 97717    | 0.390 | ng    | 97       |
| 33) Chrysene                  | 21.227 | 228  | 111359   | 0.418 | ng    | 99       |
| 34) Bis(2-ethylhexyl)phtha... | 21.132 | 149  | 36726    | 0.394 | ng    | 100      |
| 36) Indeno(1,2,3-cd)pyrene    | 25.675 | 276  | 126410   | 0.403 | ng    | 99       |
| 37) Benzo(b)fluoranthene      | 22.755 | 252  | 109494   | 0.389 | ng    | 100      |
| 38) Benzo(k)fluoranthene      | 22.800 | 252  | 111871   | 0.401 | ng    | 99       |
| 39) Benzo(a)pyrene            | 23.327 | 252  | 96815    | 0.390 | ng    | 100      |
| 40) Dibenzo(a,h)anthracene    | 25.696 | 278  | 102587   | 0.403 | ng    | 99       |
| 41) Benzo(g,h,i)perylene      | 26.360 | 276  | 109275   | 0.393 | ng    | 100      |
| -----                         |        |      |          |       |       |          |

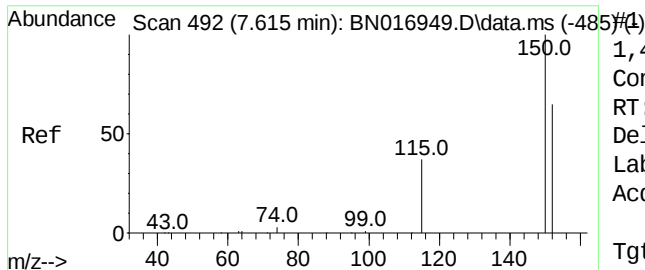
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Sample : SSTDICV0.4  
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ALS Vial : 9 Sample Multiplier: 1

Instrument :  
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Oct 14 17:01:23 2021  
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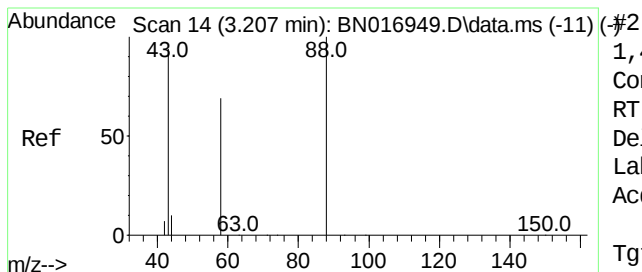
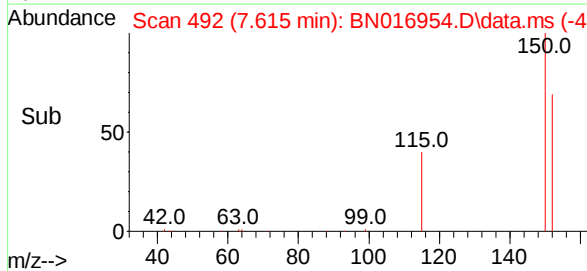
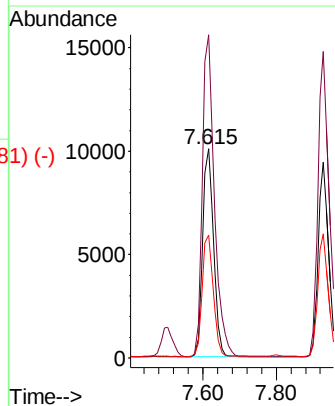
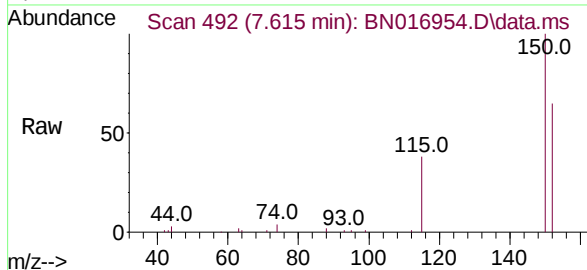




1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 7.615 min Scan# 492  
Delta R.T. -0.000 min  
Lab File: BN016954.D  
Acq: 14 Oct 2021 16:59

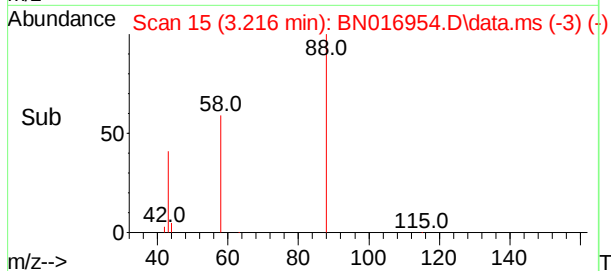
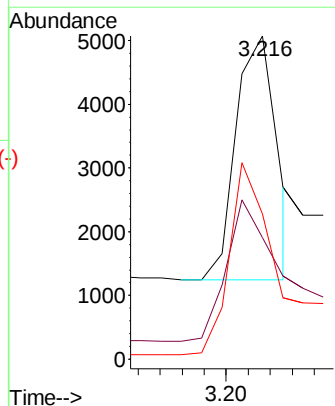
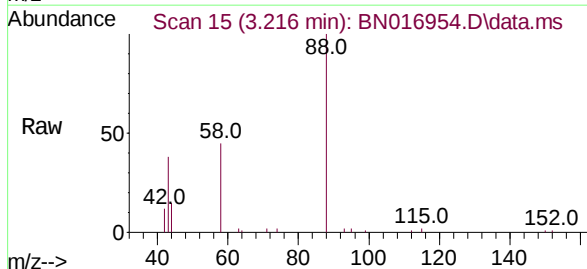
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BNA\_N  
ClientSampleId :  
ICVBN101421

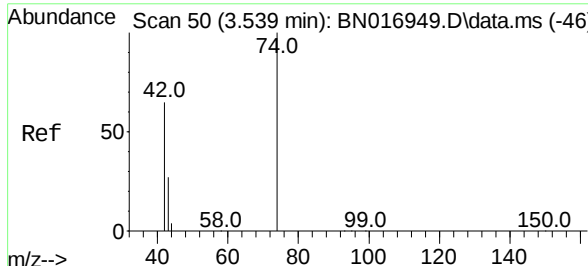
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 152   | Resp: | 20833 |
| Ion      | Ratio | Lower | Upper |
| 152      | 100   |       |       |
| 150      | 154.5 | 122.2 | 183.4 |
| 115      | 58.8  | 46.1  | 69.1  |



1,4-Dioxane  
Concen: 0.366 ng  
RT: 3.216 min Scan# 15  
Delta R.T. 0.009 min  
Lab File: BN016954.D  
Acq: 14 Oct 2021 16:59

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 88    | Resp: | 4926   |
| Ion      | Ratio | Lower | Upper  |
| 88       | 100   |       |        |
| 43       | 65.3  | 107.1 | 160.7# |
| 58       | 77.2  | 62.4  | 93.6   |

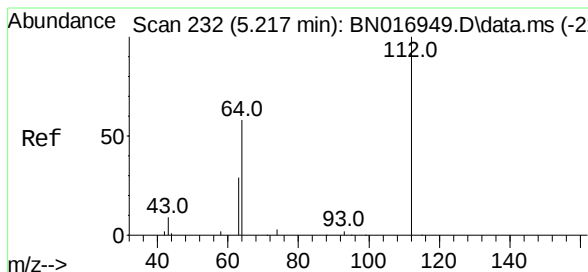
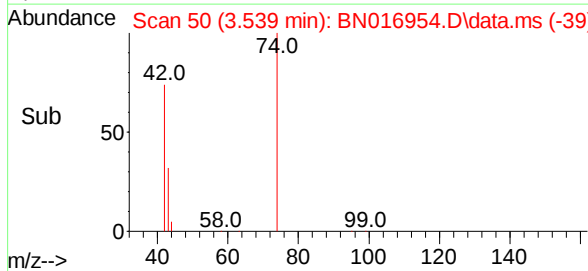
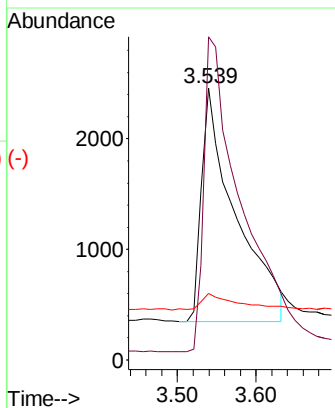
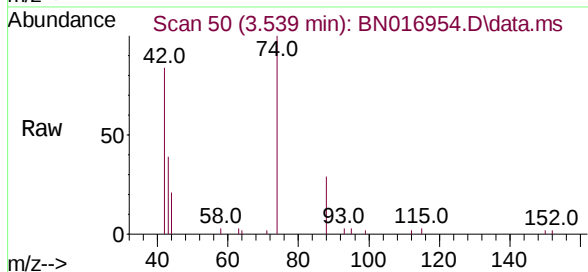




#3  
n-Nitrosodimethylamine  
Concen: 0.372 ng  
RT: 3.539 min Scan# 50  
Delta R.T. -0.000 min  
Lab File: BN016954.D  
Acq: 14 Oct 2021 16:59

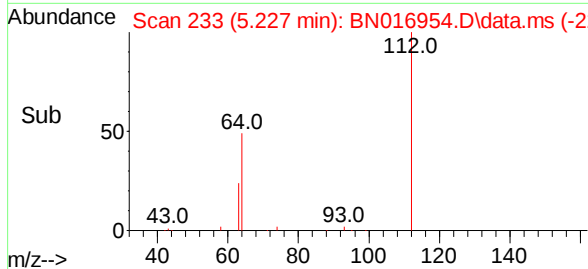
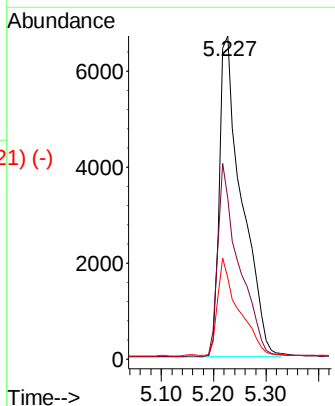
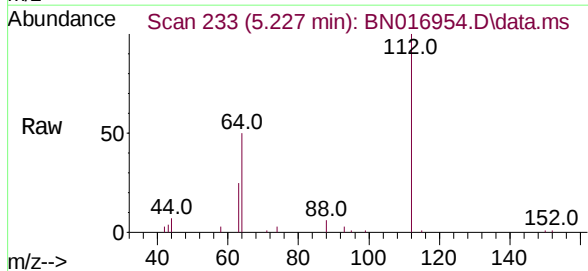
Instrument :  
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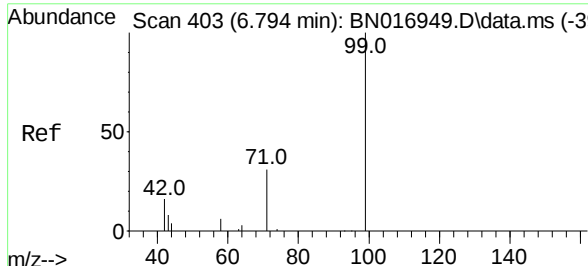
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 42    | Resp: | 6330  |
| Ion      | Ratio | Lower | Upper |
| 42       | 100   |       |       |
| 74       | 146.7 | 114.9 | 172.3 |
| 44       | 7.3   | 5.4   | 8.2   |



#4  
2-Fluorophenol  
Concen: 0.383 ng  
RT: 5.227 min Scan# 233  
Delta R.T. 0.009 min  
Lab File: BN016954.D  
Acq: 14 Oct 2021 16:59

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 112   | Resp: | 19869 |
| Ion      | Ratio | Lower | Upper |
| 112      | 100   |       |       |
| 64       | 56.5  | 44.7  | 67.1  |
| 63       | 28.2  | 22.6  | 33.8  |

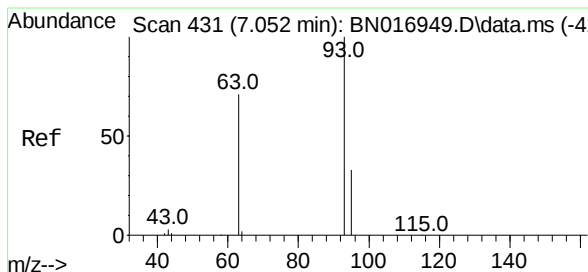
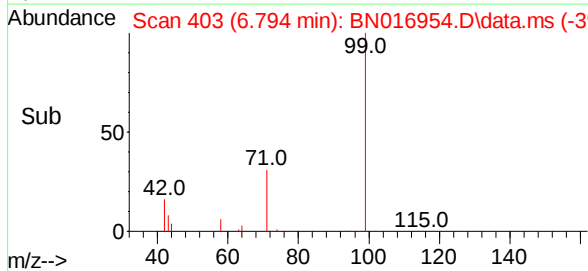
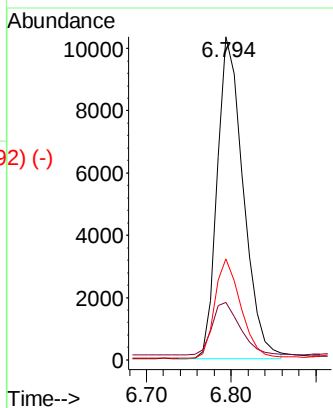
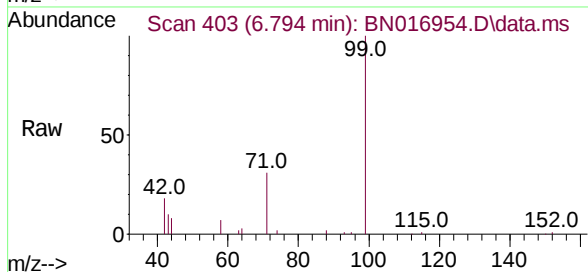




Phenol-d6  
 Concen: 0.381 ng  
 RT: 6.794 min Scan# 403  
 Delta R.T. -0.000 min  
 Lab File: BN016954.D  
 Acq: 14 Oct 2021 16:59

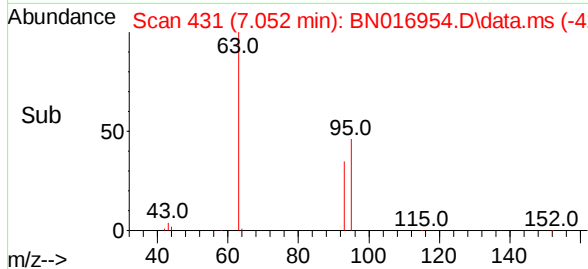
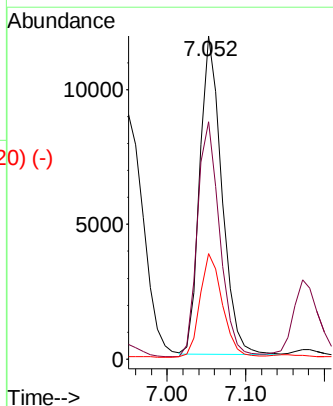
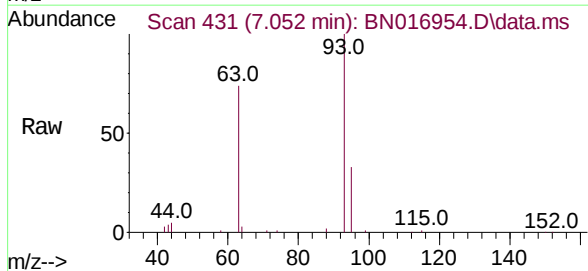
Instrument :  
 BNA\_N  
 ClientSampleId :  
 ICVBN101421

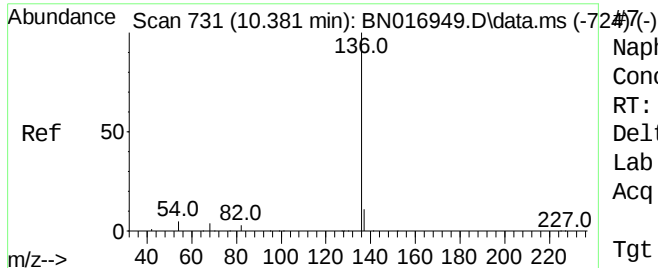
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 99    | Resp: | 21925 |
| Ion      | Ratio | Lower | Upper |
| 99       | 100   |       |       |
| 42       | 17.8  | 14.2  | 21.4  |
| 71       | 30.7  | 24.6  | 36.8  |



bis(2-Chloroethyl)ether  
 Concen: 0.396 ng  
 RT: 7.052 min Scan# 431  
 Delta R.T. -0.000 min  
 Lab File: BN016954.D  
 Acq: 14 Oct 2021 16:59

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 93    | Resp: | 22904 |
| Ion      | Ratio | Lower | Upper |
| 93       | 100   |       |       |
| 63       | 75.1  | 60.0  | 90.0  |
| 95       | 33.0  | 26.5  | 39.7  |

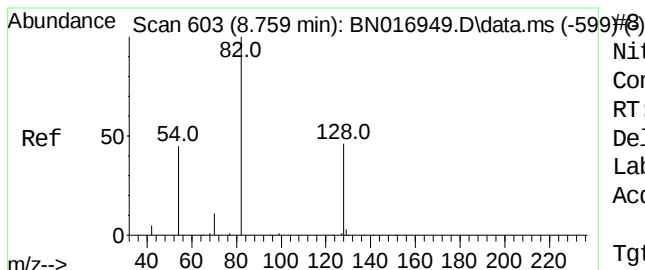
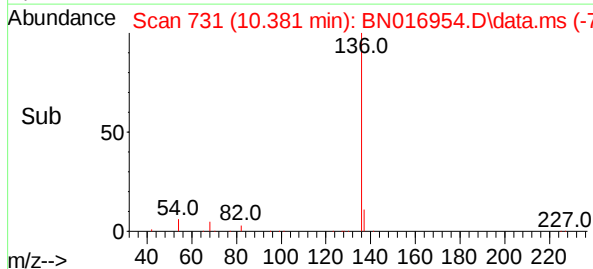
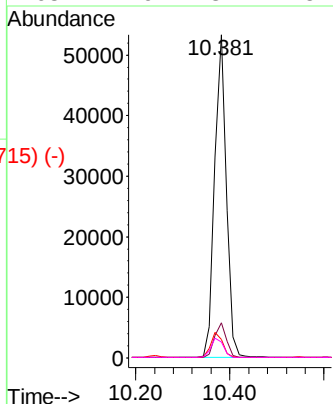
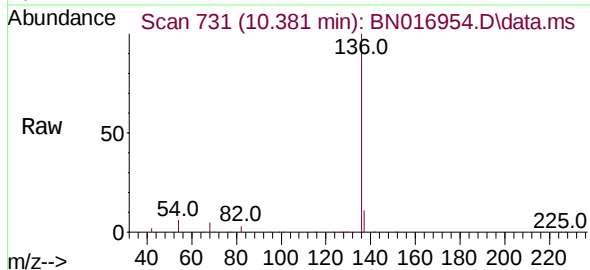




Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.381 min Scan# 731  
Delta R.T. -0.000 min  
Lab File: BN016954.D  
Acq: 14 Oct 2021 16:59

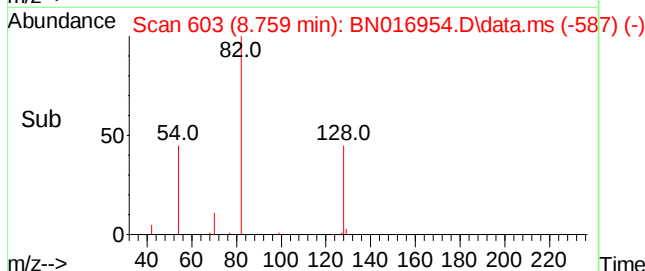
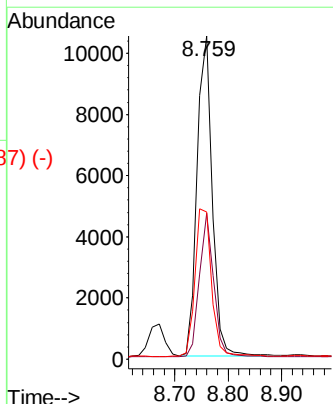
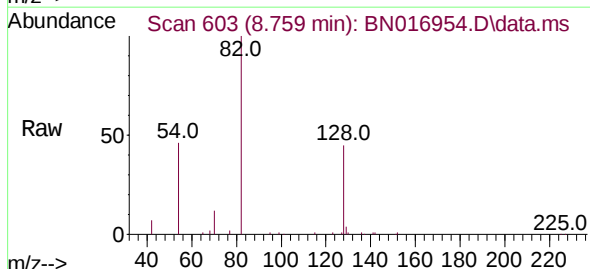
Instrument :  
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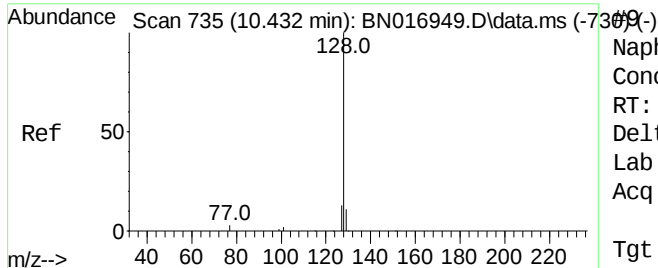
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|----------|-------|-------|-------|
| Tgt Ion: | 136   | Resp: | 91710 |
| Ion      | Ratio | Lower | Upper |
| 136      | 100   |       |       |
| 137      | 11.0  | 8.8   | 13.2  |
| 54       | 5.8   | 4.3   | 6.5   |
| 68       | 4.9   | 3.7   | 5.5   |



Nitrobenzene-d5  
Concen: 0.354 ng  
RT: 8.759 min Scan# 603  
Delta R.T. -0.000 min  
Lab File: BN016954.D  
Acq: 14 Oct 2021 16:59

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 82    | Resp: | 20660 |
| Ion      | Ratio | Lower | Upper |
| 82       | 100   |       |       |
| 128      | 45.0  | 37.0  | 55.4  |
| 54       | 45.6  | 36.2  | 54.4  |

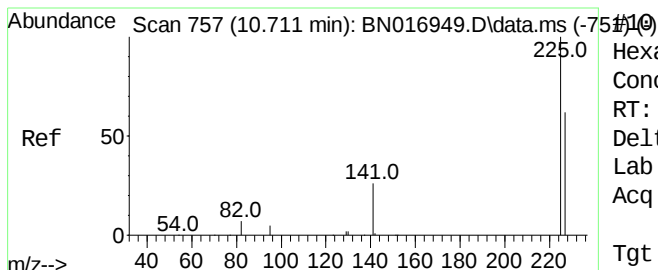
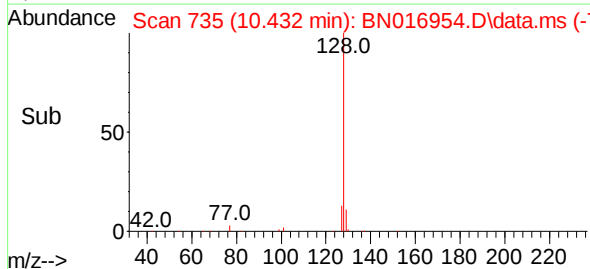
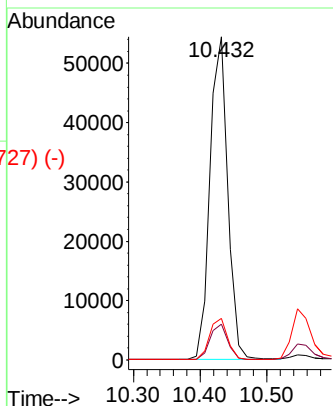
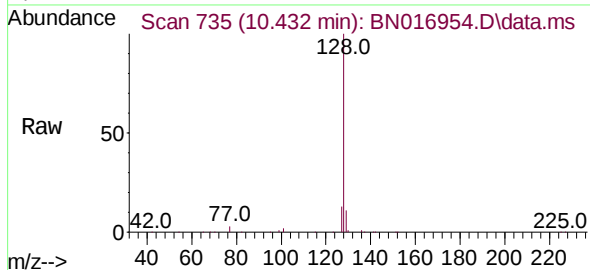




Naphthalene  
Concen: 0.387 ng  
RT: 10.432 min Scan# 735  
Delta R.T. -0.000 min  
Lab File: BN016954.D  
Acq: 14 Oct 2021 16:59

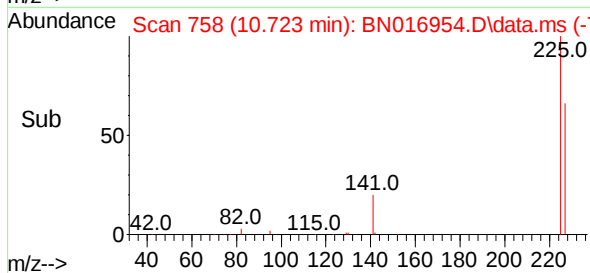
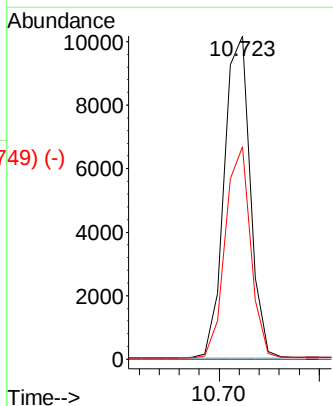
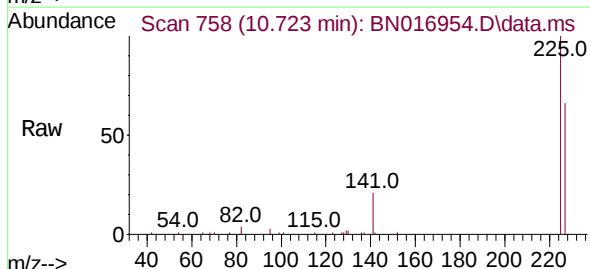
Instrument :  
BNA\_N  
ClientSampleId :  
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|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 128   | Resp: | 100082 |
| Ion      | Ratio | Lower | Upper  |
| 128      | 100   |       |        |
| 129      | 11.0  | 8.9   | 13.3   |
| 127      | 12.8  | 10.2  | 15.2   |

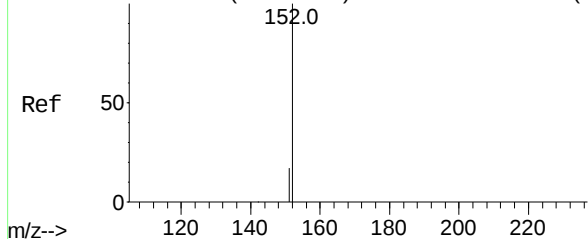


Hexachlorobutadiene  
Concen: 0.395 ng  
RT: 10.723 min Scan# 758  
Delta R.T. 0.013 min  
Lab File: BN016954.D  
Acq: 14 Oct 2021 16:59

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 225   | Resp: | 18427 |
| Ion      | Ratio | Lower | Upper |
| 225      | 100   |       |       |
| 223      | 0.0   | 0.0   | 0.0   |
| 227      | 63.9  | 51.2  | 76.8  |



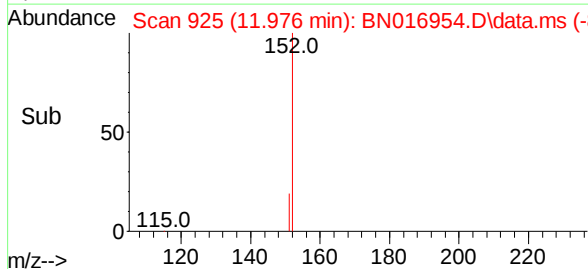
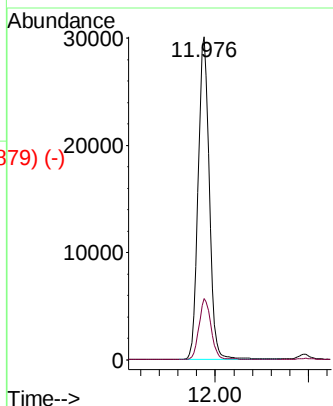
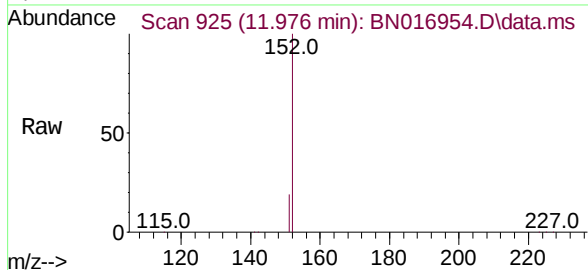
Abundance Scan 924 (11.972 min): BN016949.D\data.ms (-910) (-1)



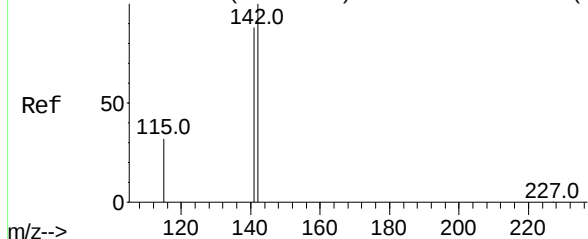
2-Methylnaphthalene-d10  
Concen: 0.383 ng  
RT: 11.976 min Scan# 925  
Delta R.T. 0.004 min  
Lab File: BN016954.D  
Acq: 14 Oct 2021 16:59

Instrument :  
BNA\_N  
ClientSampleId :  
ICVBN101421

Tgt Ion:152 Resp: 49739  
Ion Ratio Lower Upper  
152 100  
151 20.5 16.3 24.5

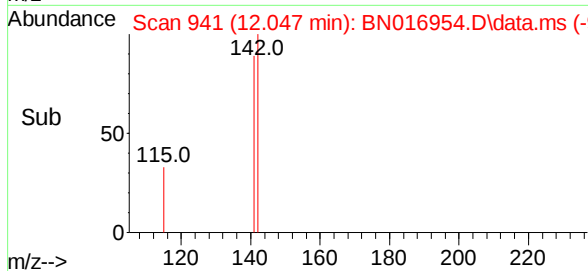
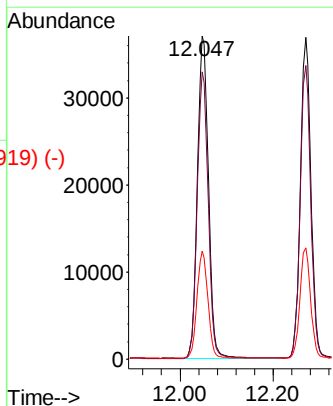
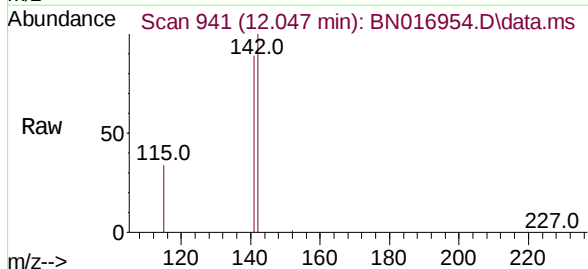


Abundance Scan 941 (12.047 min): BN016949.D\data.ms (-930) (-2)



2-Methylnaphthalene  
Concen: 0.395 ng  
RT: 12.047 min Scan# 941  
Delta R.T. -0.000 min  
Lab File: BN016954.D  
Acq: 14 Oct 2021 16:59

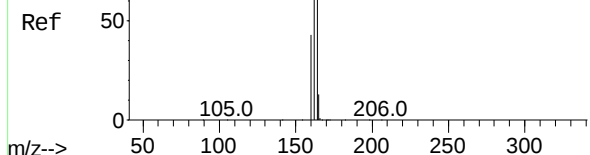
Tgt Ion:142 Resp: 60958  
Ion Ratio Lower Upper  
142 100  
141 88.9 70.2 105.4  
115 33.6 26.1 39.1



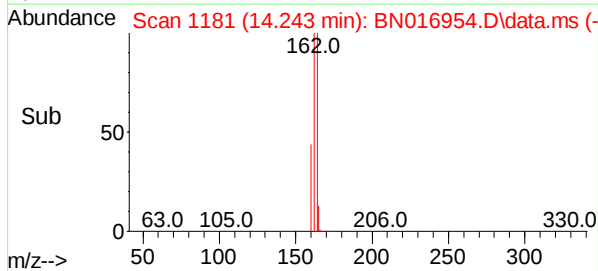
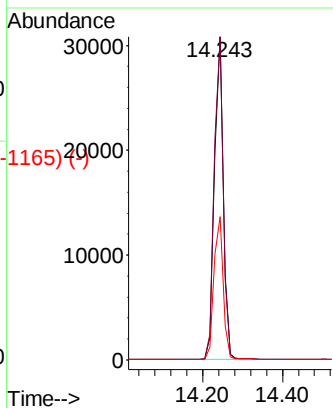
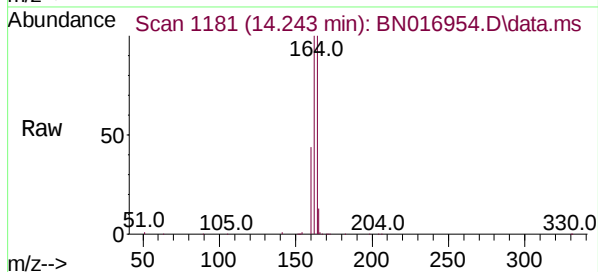
Abundance Scan 1181 (14.243 min): BN016949.D\data.ms (-1175) (-)

Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.243 min Scan# 1181  
Delta R.T. -0.000 min  
Lab File: BN016954.D  
Acq: 14 Oct 2021 16:59

Instrument :  
BNA\_N  
ClientSampleId :  
ICVBN101421



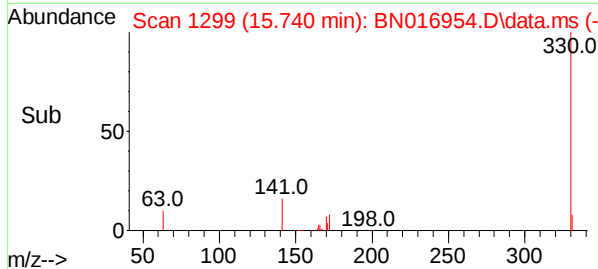
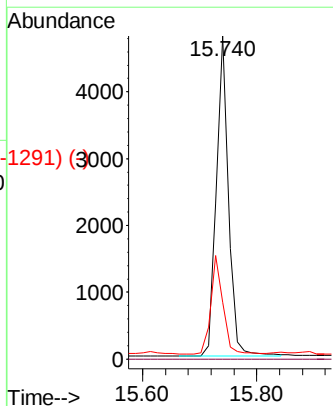
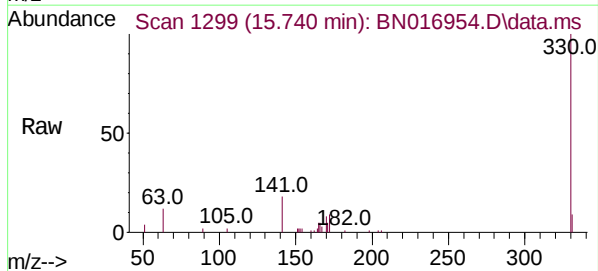
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 164   | Resp: | 46903 |
| Ion Ratio | Lower | Upper |       |
| 164       | 100   |       |       |
| 162       | 100.0 | 79.1  | 118.7 |
| 160       | 44.3  | 34.7  | 52.1  |

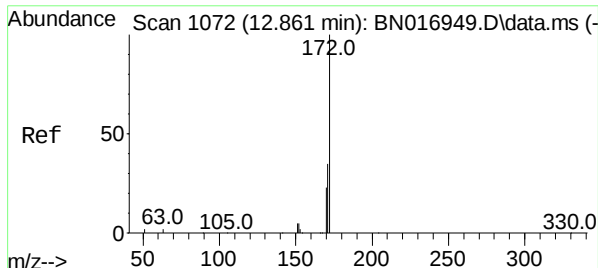


Abundance Scan 1299 (15.741 min): BN016949.D\data.ms (-1211) (-)

2,4,6-Tribromophenol  
Concen: 0.336 ng  
RT: 15.740 min Scan# 1299  
Delta R.T. -0.000 min  
Lab File: BN016954.D  
Acq: 14 Oct 2021 16:59

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 330   | Resp: | 7094 |
| Ion Ratio | Lower | Upper |      |
| 330       | 100   |       |      |
| 332       | 0.0   | 0.0   | 0.0  |
| 141       | 30.7  | 24.2  | 36.2 |

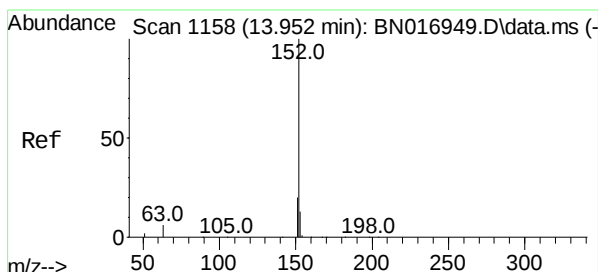
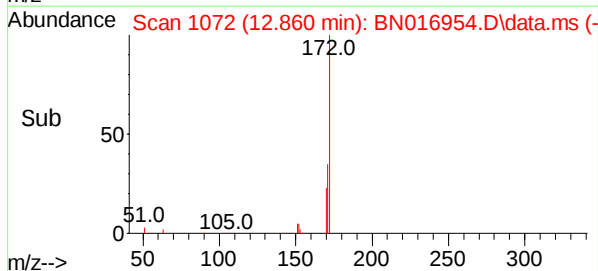
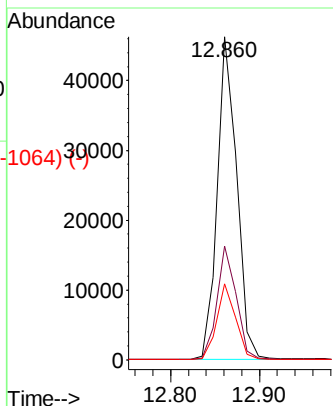
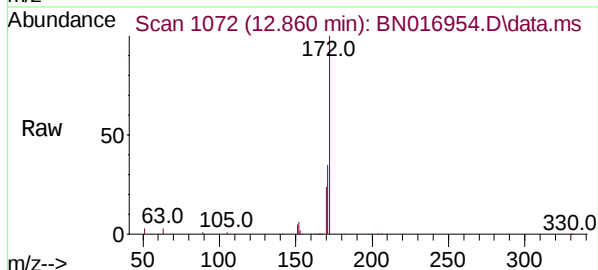




Scan 1072 (12.861 min): BN016949.D\data.ms (-1064) (-)  
 2-Fluorobiphenyl  
 Concen: 0.397 ng  
 RT: 12.860 min Scan# 1072  
 Delta R.T. -0.000 min  
 Lab File: BN016954.D  
 Acq: 14 Oct 2021 16:59

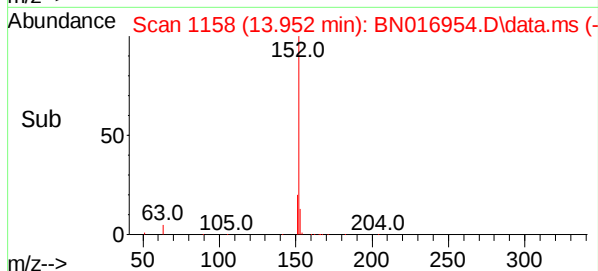
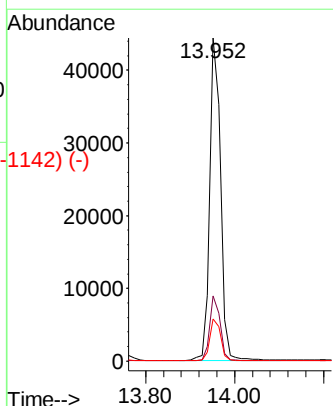
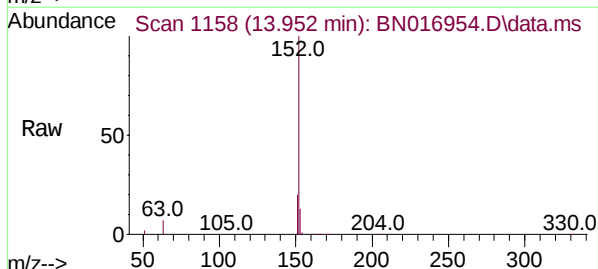
Instrument :  
 BNA\_N  
 ClientSampleId :  
 ICVBN101421

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 172   | Resp: | 70928 |
| Ion      | Ratio | Lower | Upper |
| 172      | 100   |       |       |
| 171      | 35.3  | 27.9  | 41.9  |
| 170      | 23.5  | 18.6  | 27.8  |



Scan 1158 (13.952 min): BN016949.D\data.ms (-1142) (-)  
 Acenaphthylene  
 Concen: 0.384 ng  
 RT: 13.952 min Scan# 1158  
 Delta R.T. -0.000 min  
 Lab File: BN016954.D  
 Acq: 14 Oct 2021 16:59

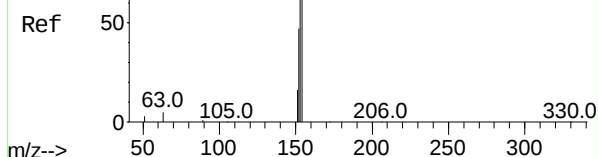
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 152   | Resp: | 74542 |
| Ion      | Ratio | Lower | Upper |
| 152      | 100   |       |       |
| 151      | 19.4  | 15.4  | 23.2  |
| 153      | 13.1  | 10.5  | 15.7  |



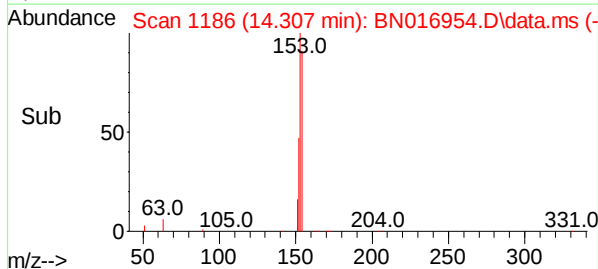
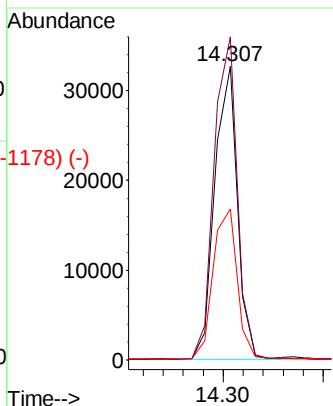
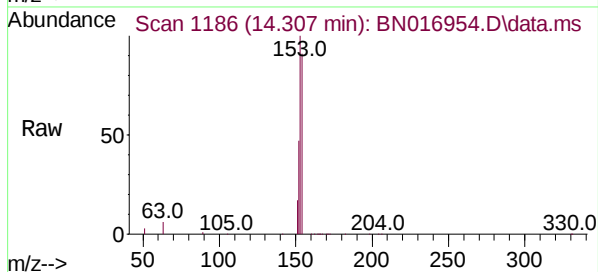
Abundance Scan 1186 (14.307 min): BN016949.D\data.ms (-1187) (-)

Acenaphthene  
Concen: 0.394 ng  
RT: 14.307 min Scan# 1186  
Delta R.T. -0.000 min  
Lab File: BN016954.D  
Acq: 14 Oct 2021 16:59

Instrument :  
BNA\_N  
ClientSampleId :  
ICVBN101421

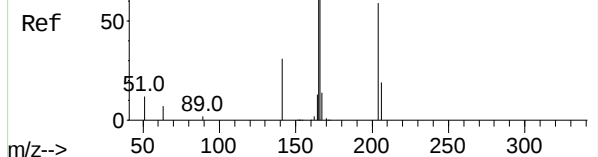


|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 154   | Resp: | 51598 |
| Ion Ratio | Lower | Upper |       |
| 154       | 100   |       |       |
| 153       | 113.0 | 90.6  | 135.8 |
| 152       | 54.7  | 44.2  | 66.2  |

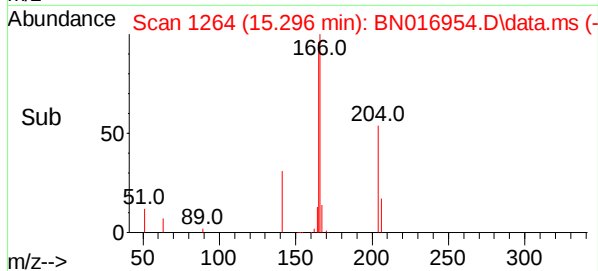
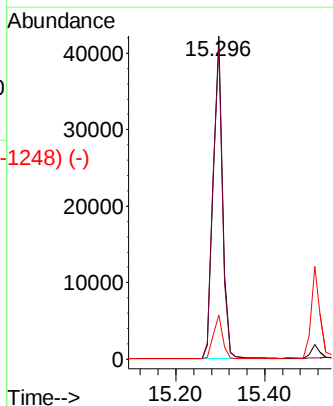
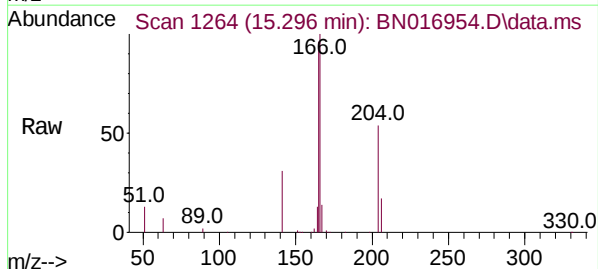


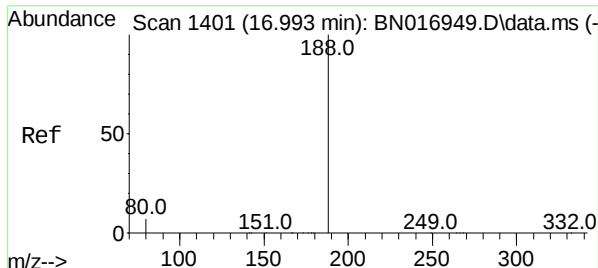
Abundance Scan 1264 (15.297 min): BN016949.D\data.ms (-1265) (-)

Fluorene  
Concen: 0.386 ng  
RT: 15.296 min Scan# 1264  
Delta R.T. -0.000 min  
Lab File: BN016954.D  
Acq: 14 Oct 2021 16:59



|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 166   | Resp: | 60605 |
| Ion Ratio | Lower | Upper |       |
| 166       | 100   |       |       |
| 165       | 98.1  | 78.4  | 117.6 |
| 167       | 13.5  | 10.7  | 16.1  |

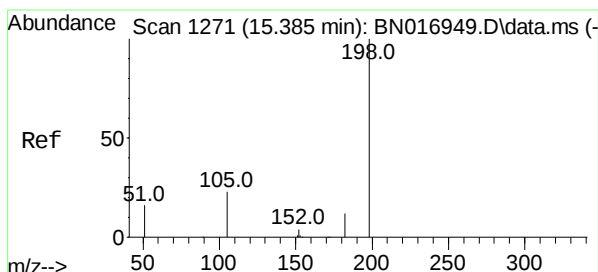
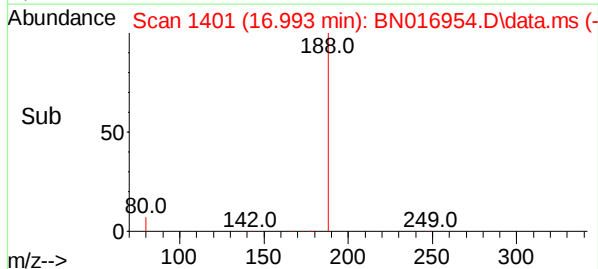
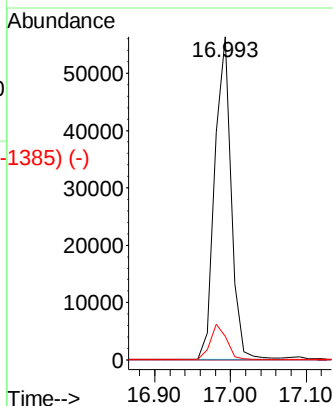
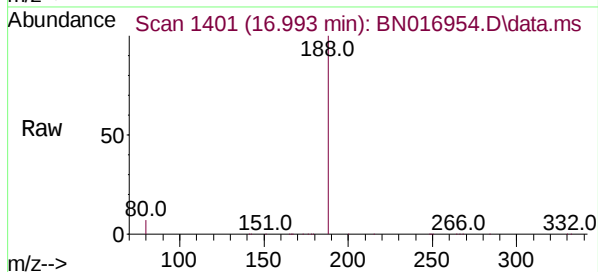




Scan 1401 (16.993 min): BN016949.D\data.ms (-1385) (-)  
 Phenanthrene-d10  
 Concen: 0.400 ng  
 RT: 16.993 min Scan# 1401  
 Delta R.T. -0.000 min  
 Lab File: BN016954.D  
 Acq: 14 Oct 2021 16:59

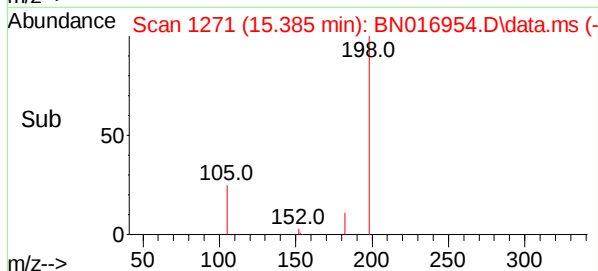
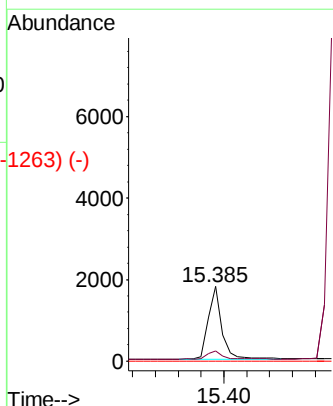
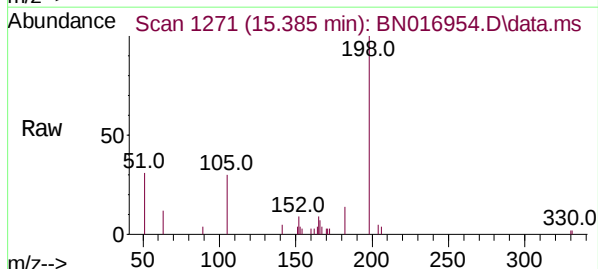
Instrument :  
 BNA\_N  
 ClientSampleId :  
 ICVBN101421

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 188   | Resp: | 85347 |
| Ion Ratio | Lower | Upper |       |
| 188       | 100   |       |       |
| 94        | 0.0   | 0.0   | 0.0   |
| 80        | 7.2   | 5.6   | 8.4   |

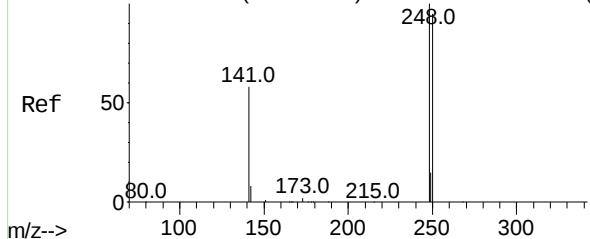


Scan 1271 (15.385 min): BN016949.D\data.ms (-1263) (-)  
 4,6-Dinitro-2-methylphenol  
 Concen: 0.400 ng  
 RT: 15.385 min Scan# 1271  
 Delta R.T. 0.000 min  
 Lab File: BN016954.D  
 Acq: 14 Oct 2021 16:59

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 198   | Resp: | 2912 |
| Ion Ratio | Lower | Upper |      |
| 198       | 100   |       |      |
| 182       | 13.7  | 11.5  | 17.3 |
| 77        | 0.0   | 0.0   | 0.0  |



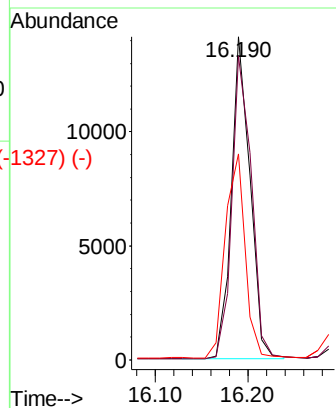
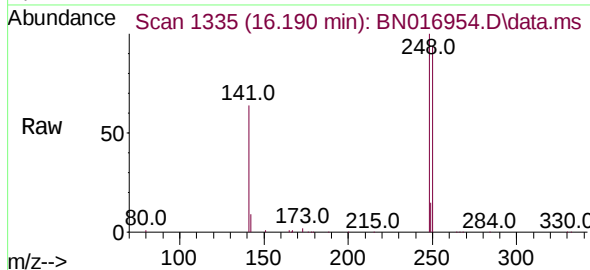
Abundance Scan 1335 (16.190 min): BN016949.D\data.ms (-1327) (-)



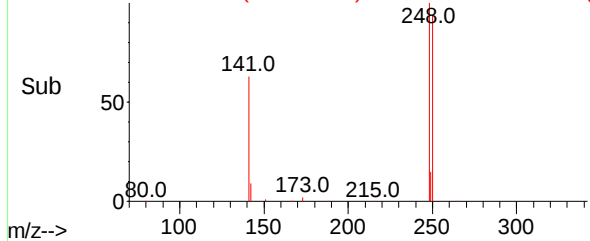
4-Bromophenyl-phenylether  
Concen: 0.385 ng  
RT: 16.190 min Scan# 1335  
Delta R.T. -0.000 min  
Lab File: BN016954.D  
Acq: 14 Oct 2021 16:59

Instrument :  
BNA\_N  
ClientSampleId :  
ICVBN101421

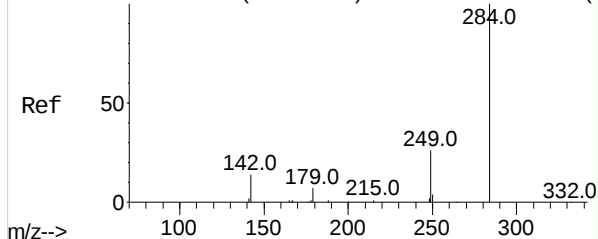
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 248   | Resp: | 19702 |
| Ion      | Ratio | Lower | Upper |
| 248      | 100   |       |       |
| 250      | 94.0  | 76.1  | 114.1 |
| 141      | 63.7  | 46.6  | 70.0  |



Abundance Scan 1335 (16.190 min): BN016954.D\data.ms (-1327) (-)

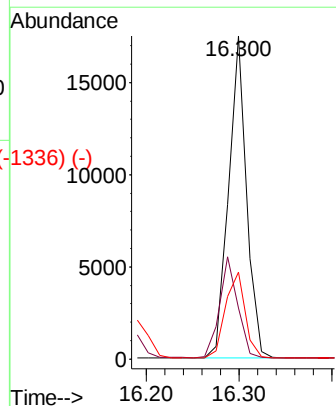
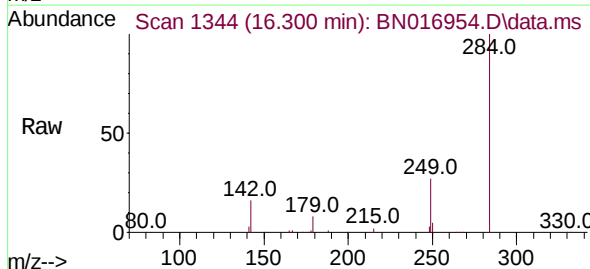


Abundance Scan 1344 (16.300 min): BN016949.D\data.ms (-1329) (-)

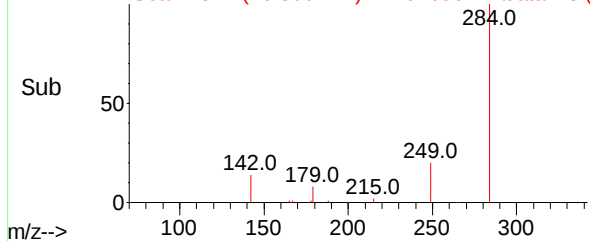


Hexachlorobenzene  
Concen: 0.402 ng  
RT: 16.300 min Scan# 1344  
Delta R.T. -0.000 min  
Lab File: BN016954.D  
Acq: 14 Oct 2021 16:59

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 284   | Resp: | 23582 |
| Ion      | Ratio | Lower | Upper |
| 284      | 100   |       |       |
| 142      | 31.7  | 25.9  | 38.9  |
| 249      | 29.1  | 23.3  | 34.9  |



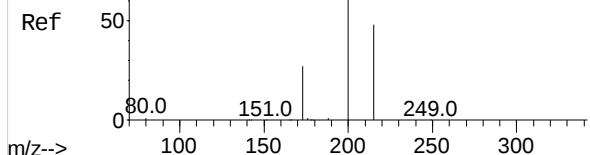
Abundance Scan 1344 (16.300 min): BN016954.D\data.ms (-1336) (-)



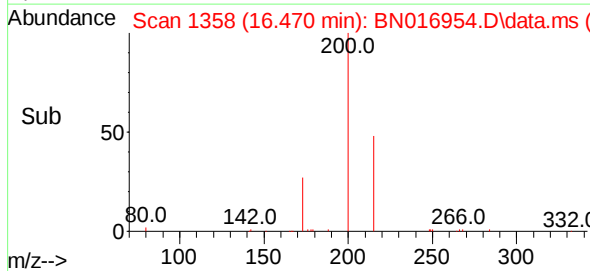
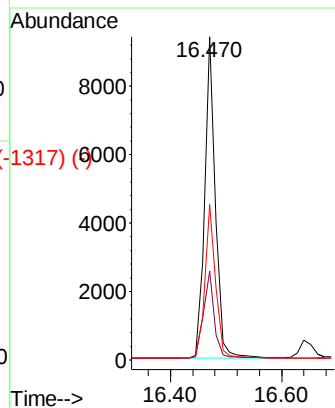
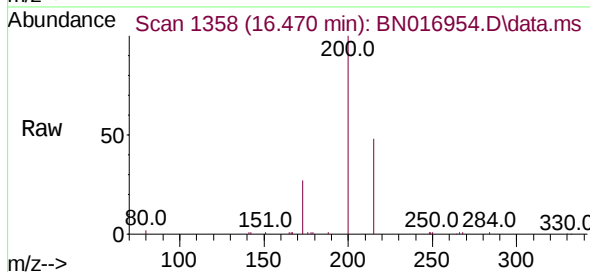
Abundance Scan 1358 (16.470 min): BN016949.D\data.ms (-1324) (-)

Atrazine  
Concen: 0.354 ng  
RT: 16.470 min Scan# 1358  
Delta R.T. -0.000 min  
Lab File: BN016954.D  
Acq: 14 Oct 2021 16:59

Instrument :  
BNA\_N  
ClientSampleId :  
ICVBN101421

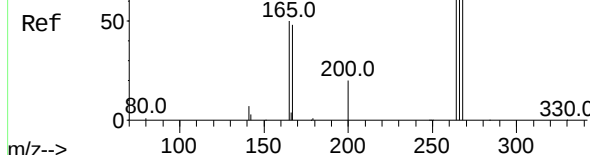


|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 200   | Resp: | 12559 |
| Ion Ratio | Lower | Upper |       |
| 200       | 100   |       |       |
| 173       | 27.4  | 21.7  | 32.5  |
| 215       | 48.1  | 38.6  | 57.8  |

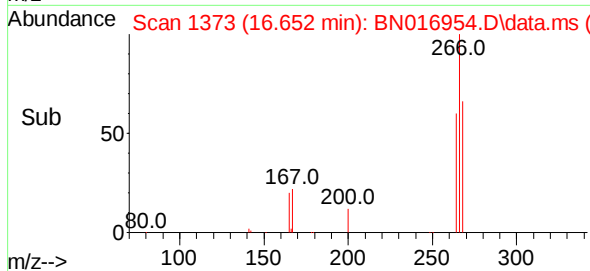
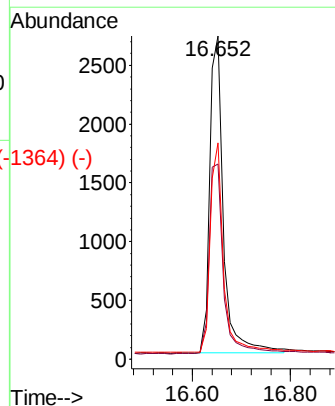
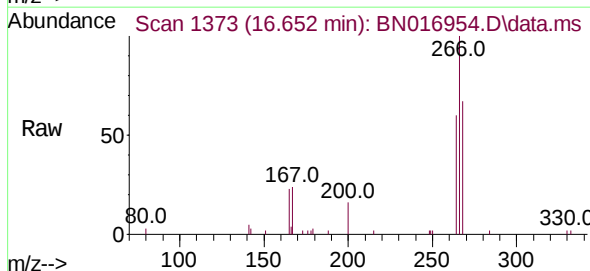


Abundance Scan 1372 (16.640 min): BN016949.D\data.ms (-1324) (-)

Pentachlorophenol  
Concen: 0.382 ng  
RT: 16.652 min Scan# 1373  
Delta R.T. 0.012 min  
Lab File: BN016954.D  
Acq: 14 Oct 2021 16:59



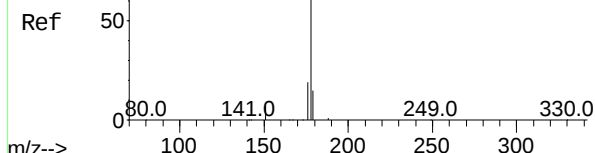
|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 266   | Resp: | 5233 |
| Ion Ratio | Lower | Upper |      |
| 266       | 100   |       |      |
| 264       | 62.6  | 50.3  | 75.5 |
| 268       | 64.2  | 51.1  | 76.7 |



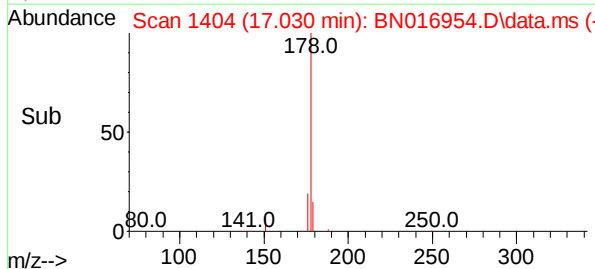
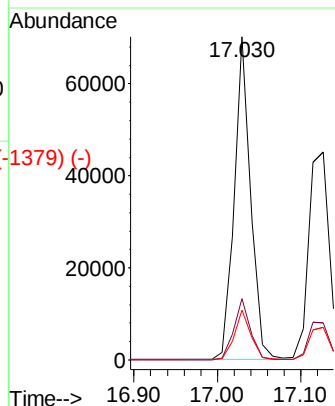
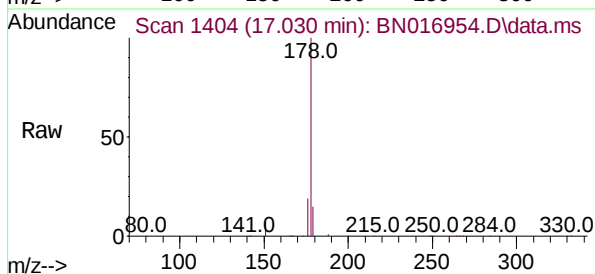
Abundance Scan 1404 (17.030 min): BN016949.D\data.ms (-1325) (-)

Phenanthrene  
Concen: 0.397 ng  
RT: 17.030 min Scan# 1404  
Delta R.T. -0.000 min  
Lab File: BN016954.D  
Acq: 14 Oct 2021 16:59

Instrument :  
BNA\_N  
ClientSampleId :  
ICVBN101421

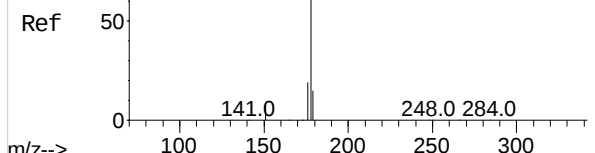


|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 178   | Resp: | 96691 |
| Ion Ratio | Lower | Upper |       |
| 178       | 100   |       |       |
| 176       | 18.9  | 15.0  | 22.4  |
| 179       | 15.5  | 12.2  | 18.4  |

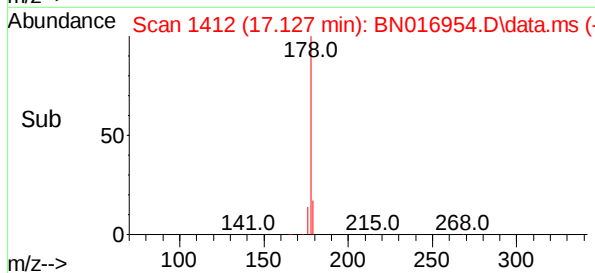
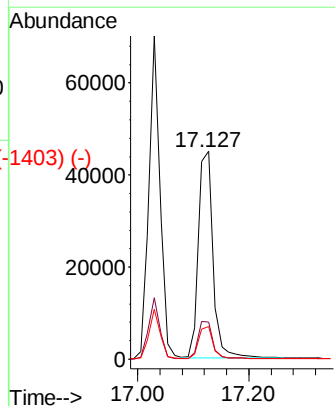
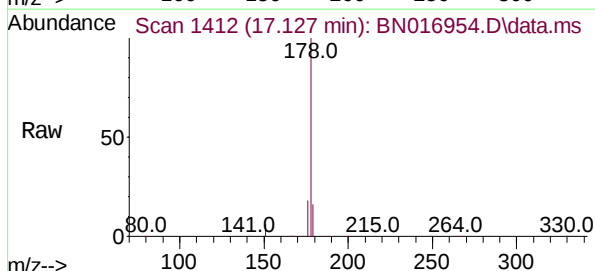


Abundance Scan 1411 (17.115 min): BN016949.D\data.ms (-1428) (-)

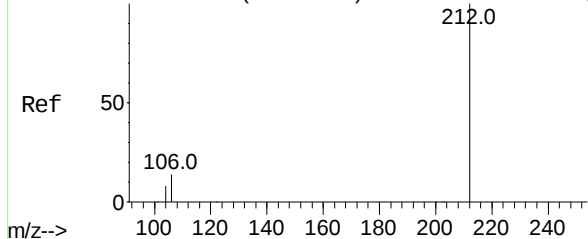
Anthracene  
Concen: 0.386 ng  
RT: 17.127 min Scan# 1412  
Delta R.T. 0.012 min  
Lab File: BN016954.D  
Acq: 14 Oct 2021 16:59



|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 178   | Resp: | 80930 |
| Ion Ratio | Lower | Upper |       |
| 178       | 100   |       |       |
| 176       | 18.3  | 14.6  | 21.8  |
| 179       | 15.3  | 12.3  | 18.5  |



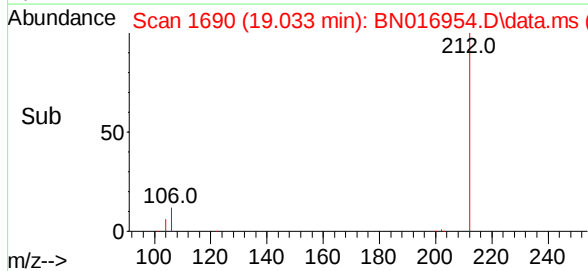
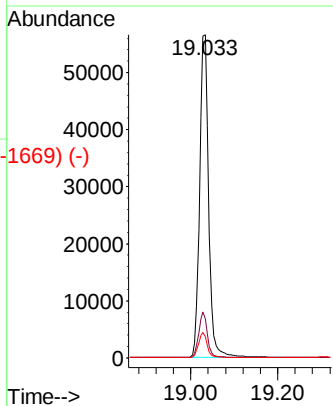
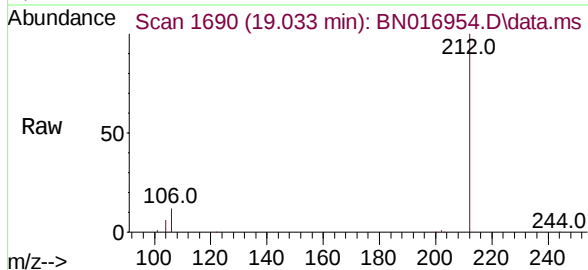
Abundance Scan 1689 (19.028 min): BN016949.D\data.ms (-1629) (-)



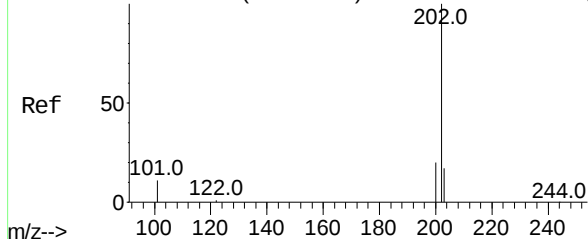
Fluoranthene-d10  
Concen: 0.380 ng  
RT: 19.033 min Scan# 1690  
Delta R.T. 0.005 min  
Lab File: BN016954.D  
Acq: 14 Oct 2021 16:59

Instrument :  
BNA\_N  
ClientSampleId :  
ICVBN101421

Tgt Ion:212 Resp: 82434  
Ion Ratio Lower Upper  
212 100  
106 13.5 10.9 16.3  
104 7.5 6.0 9.0

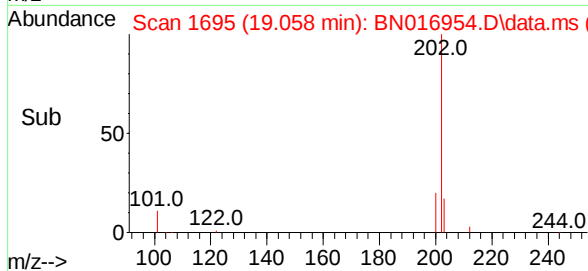
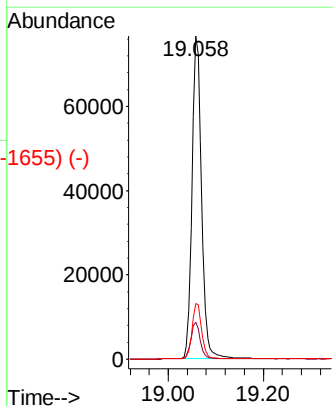
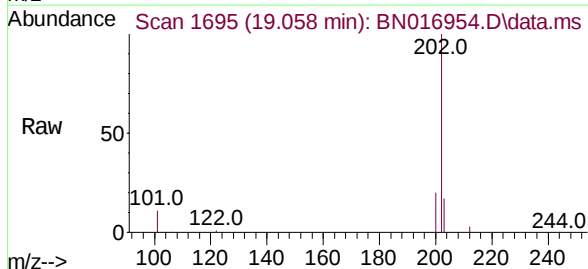


Abundance Scan 1695 (19.058 min): BN016949.D\data.ms (-1629) (-)



Fluoranthene  
Concen: 0.399 ng  
RT: 19.058 min Scan# 1695  
Delta R.T. -0.000 min  
Lab File: BN016954.D  
Acq: 14 Oct 2021 16:59

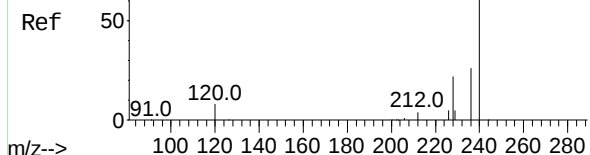
Tgt Ion:202 Resp: 106613  
Ion Ratio Lower Upper  
202 100  
101 11.5 9.1 13.7  
203 17.3 13.8 20.8



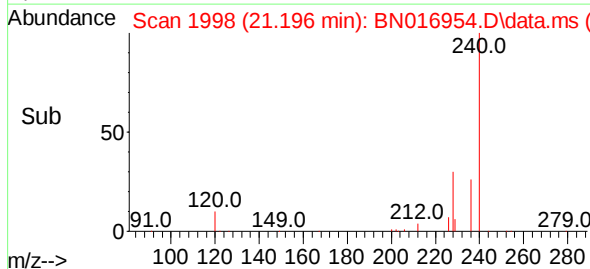
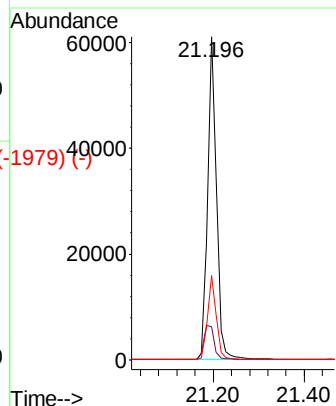
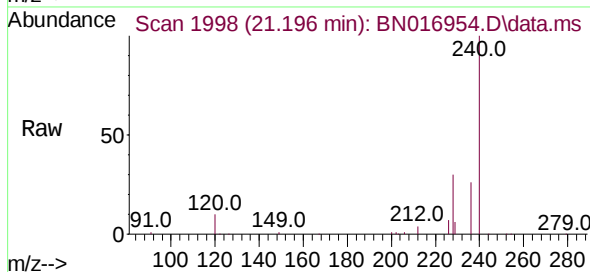
Abundance Scan 1998 (21.196 min): BN016949.D\data.ms (-1929) (-)

Chrysene-d12  
Concen: 0.400 ng  
RT: 21.196 min Scan# 1998  
Delta R.T. -0.000 min  
Lab File: BN016954.D  
Acq: 14 Oct 2021 16:59

Instrument :  
BNA\_N  
ClientSampleId :  
ICVBN101421

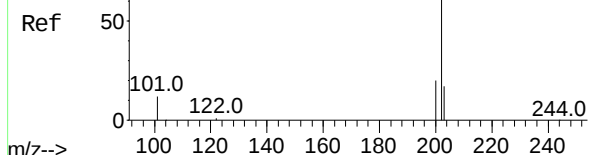


|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 240   | Resp: | 82121 |
| Ion Ratio | Lower | Upper |       |
| 240       | 100   |       |       |
| 120       | 10.4  | 6.5   | 9.7#  |
| 236       | 26.1  | 20.8  | 31.2  |

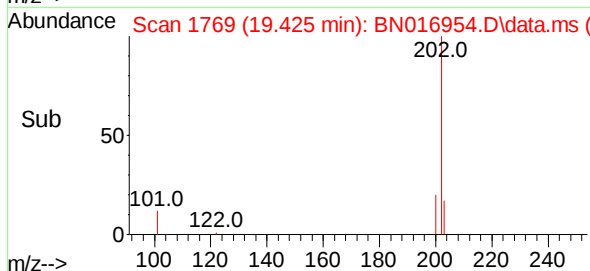
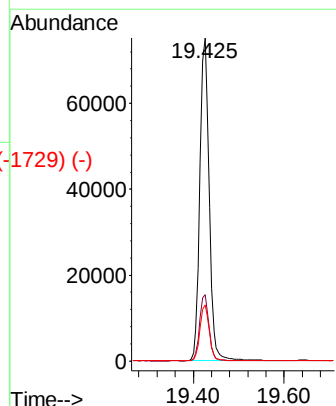
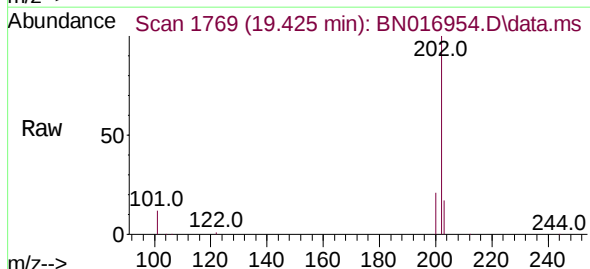


Abundance Scan 1769 (19.425 min): BN016949.D\data.ms (-1730) (-)

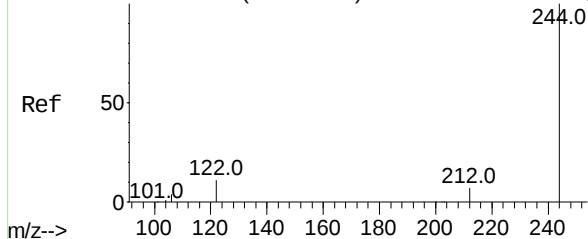
Pyrene  
Concen: 0.405 ng  
RT: 19.425 min Scan# 1769  
Delta R.T. -0.000 min  
Lab File: BN016954.D  
Acq: 14 Oct 2021 16:59



|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 202   | Resp: | 105596 |
| Ion Ratio | Lower | Upper |        |
| 202       | 100   |       |        |
| 200       | 20.6  | 16.4  | 24.6   |
| 203       | 17.4  | 14.0  | 21.0   |



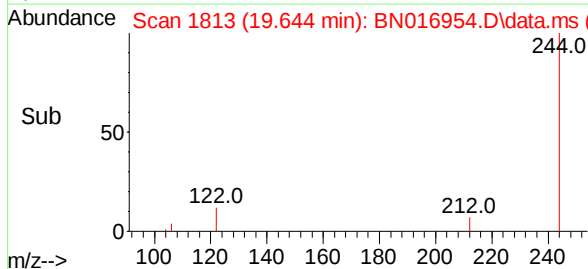
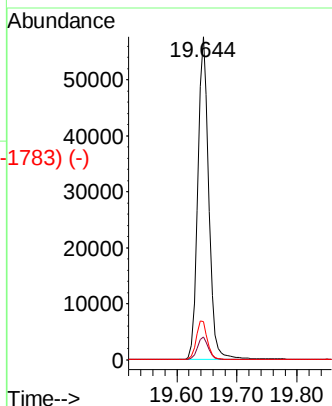
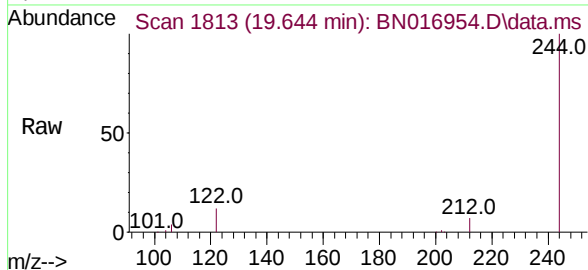
Abundance Scan 1813 (19.644 min): BN016949.D\data.ms (-1783) (-)



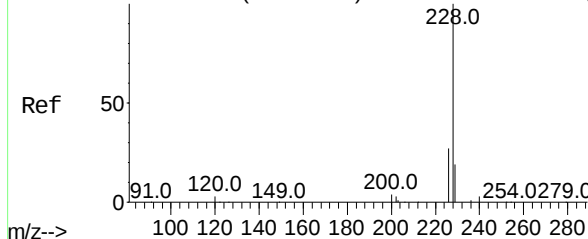
Terphenyl-d14  
Concen: 0.401 ng  
RT: 19.644 min Scan# 1813  
Delta R.T. -0.000 min  
Lab File: BN016954.D  
Acq: 14 Oct 2021 16:59

Instrument :  
BNA\_N  
ClientSampleId :  
ICVBN101421

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 244   | Resp: | 73000 |
| Ion      | Ratio | Lower | Upper |
| 244      | 100   |       |       |
| 212      | 7.1   | 5.6   | 8.4   |
| 122      | 11.8  | 9.2   | 13.8  |

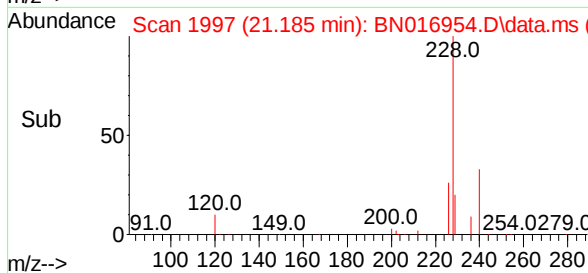
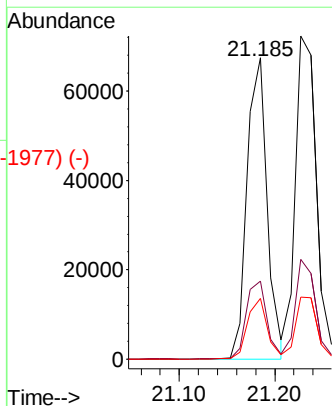
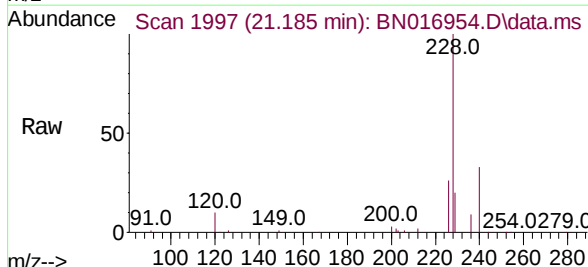


Abundance Scan 1996 (21.174 min): BN016949.D\data.ms (-1932) (-)



Benzo(a)anthracene  
Concen: 0.390 ng  
RT: 21.185 min Scan# 1997  
Delta R.T. 0.011 min  
Lab File: BN016954.D  
Acq: 14 Oct 2021 16:59

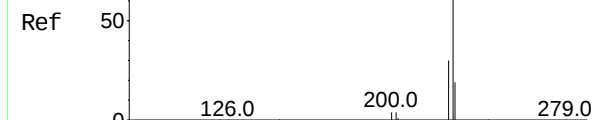
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 228   | Resp: | 97717 |
| Ion      | Ratio | Lower | Upper |
| 228      | 100   |       |       |
| 226      | 25.9  | 21.9  | 32.9  |
| 229      | 20.1  | 15.3  | 22.9  |



Abundance Scan 2001 (21.227 min): BN016949.D\data.ms (-1992) (-)

Chrysene  
Concen: 0.418 ng  
RT: 21.227 min Scan# 2001  
Delta R.T. -0.000 min  
Lab File: BN016954.D  
Acq: 14 Oct 2021 16:59

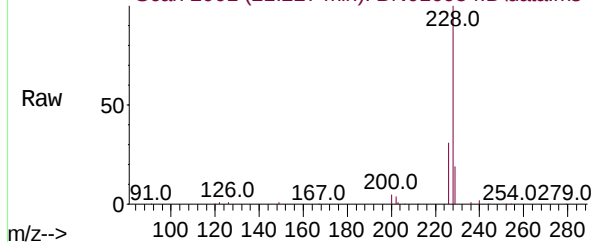
Instrument :  
BNA\_N  
ClientSampleId :  
ICVBN101421



m/z-->

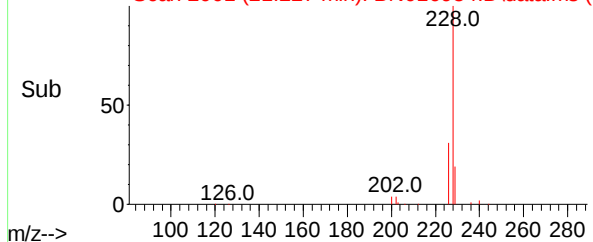
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 228   | Resp: | 111359 |
| Ion Ratio | Lower | Upper |        |
| 228       | 100   |       |        |
| 226       | 30.9  | 24.2  | 36.4   |
| 229       | 19.2  | 15.3  | 22.9   |

Abundance Scan 2001 (21.227 min): BN016954.D\data.ms

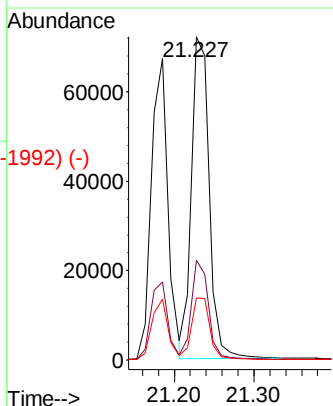


m/z-->

Abundance Scan 2001 (21.227 min): BN016954.D\data.ms (-1992) (-)



m/z-->



Abundance Scan 1992 (21.132 min): BN016949.D\data.ms (-1984) (-)

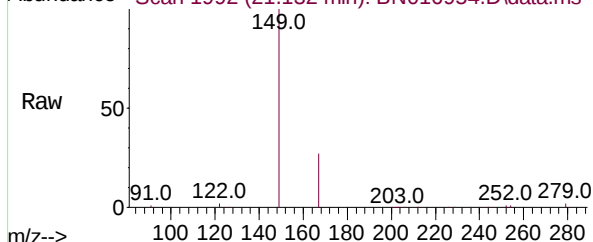
Bis(2-ethylhexyl)phthalate  
Concen: 0.394 ng  
RT: 21.132 min Scan# 1992  
Delta R.T. -0.000 min  
Lab File: BN016954.D  
Acq: 14 Oct 2021 16:59



m/z-->

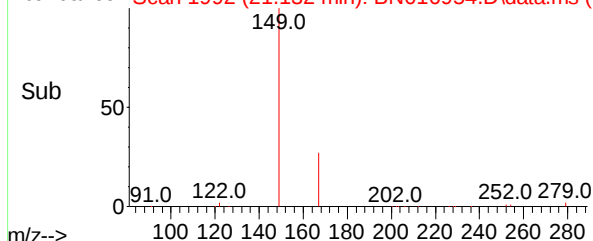
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 149   | Resp: | 36726 |
| Ion Ratio | Lower | Upper |       |
| 149       | 100   |       |       |
| 167       | 27.4  | 22.0  | 33.0  |
| 279       | 4.3   | 3.4   | 5.2   |

Abundance Scan 1992 (21.132 min): BN016954.D\data.ms

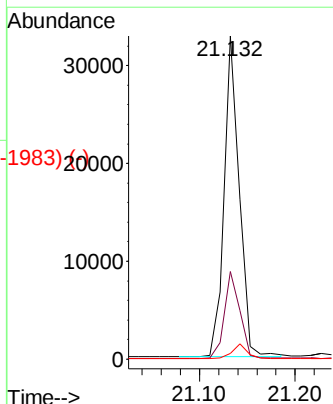


m/z-->

Abundance Scan 1992 (21.132 min): BN016954.D\data.ms (-1983) (-)



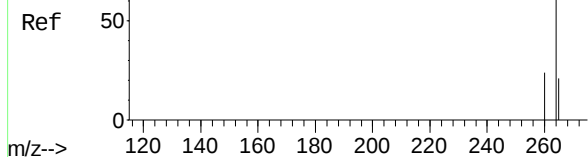
m/z-->



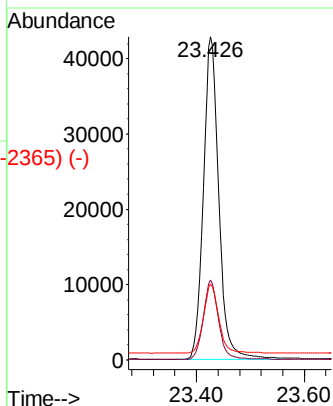
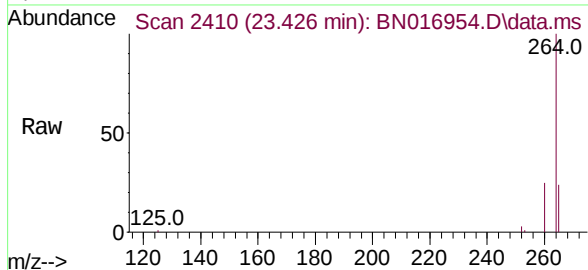
Abundance Scan 2409 (23.423 min): BN016949.D\data.ms (-2365) (-)

Perylene-d12  
Concen: 0.400 ng  
RT: 23.426 min Scan# 2410  
Delta R.T. 0.003 min  
Lab File: BN016954.D  
Acq: 14 Oct 2021 16:59

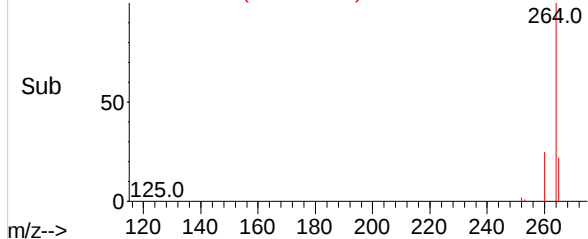
Instrument :  
BNA\_N  
ClientSampleId :  
ICVBN101421



|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 264   | Resp: | 84990 |
| Ion Ratio | Lower | Upper |       |
| 264       | 100   |       |       |
| 260       | 24.7  | 19.6  | 29.4  |
| 265       | 23.5  | 18.8  | 28.2  |



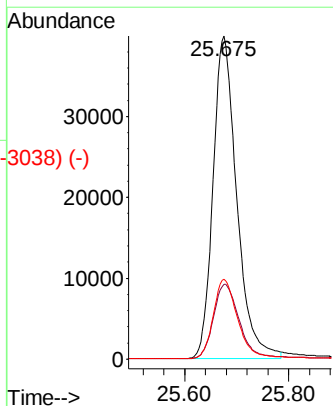
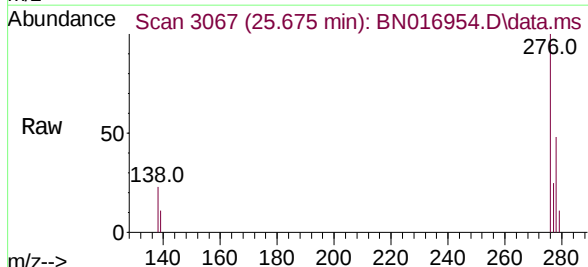
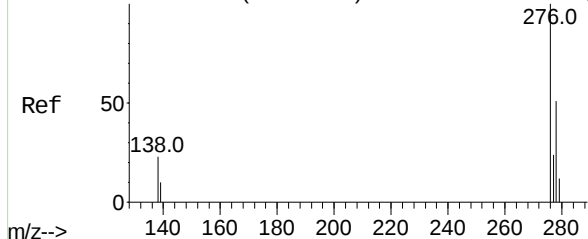
Abundance Scan 2410 (23.426 min): BN016954.D\data.ms (-2365) (-)



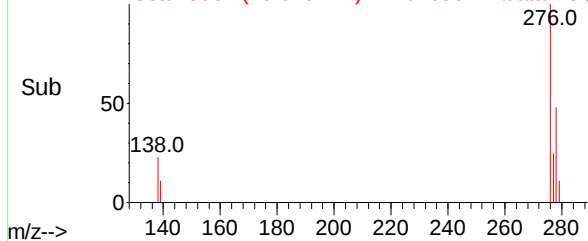
Abundance Scan 3067 (25.675 min): BN016949.D\data.ms (-3038) (-)

Indeno(1,2,3-cd)pyrene  
Concen: 0.403 ng  
RT: 25.675 min Scan# 3067  
Delta R.T. -0.000 min  
Lab File: BN016954.D  
Acq: 14 Oct 2021 16:59

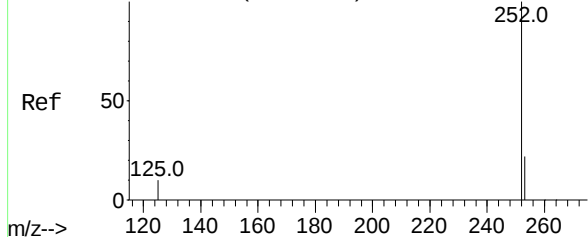
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 276   | Resp: | 126410 |
| Ion Ratio | Lower | Upper |        |
| 276       | 100   |       |        |
| 138       | 24.9  | 19.4  | 29.2   |
| 277       | 25.2  | 20.1  | 30.1   |



Abundance Scan 3067 (25.675 min): BN016954.D\data.ms (-3038) (-)



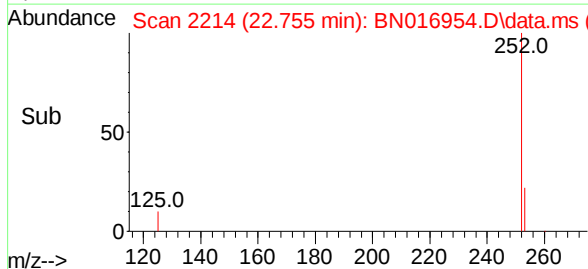
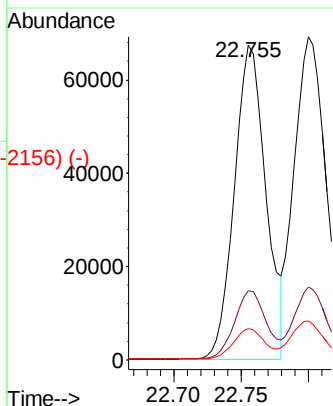
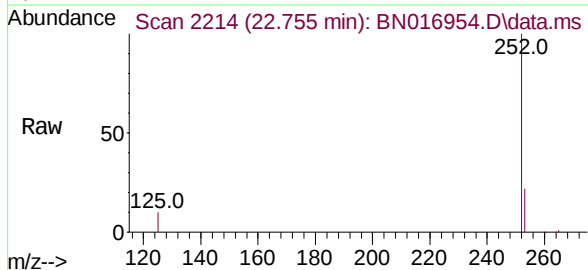
Abundance Scan 2214 (22.755 min): BN016949.D\data.ms (-2156) (-)



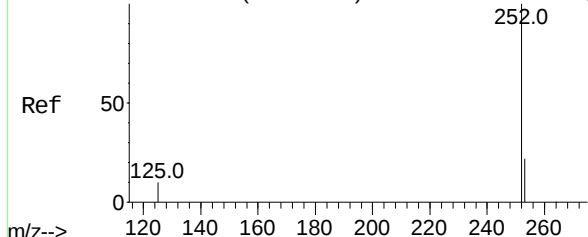
Benzo(b)fluoranthene  
Concen: 0.389 ng  
RT: 22.755 min Scan# 2214  
Delta R.T. -0.000 min  
Lab File: BN016954.D  
Acq: 14 Oct 2021 16:59

Tgt Ion:252 Resp: 109494  
Ion Ratio Lower Upper  
252 100  
253 22.0 17.7 26.5  
125 10.0 7.9 11.9

Instrument :  
BNA\_N  
ClientSampleId :  
ICVBN101421

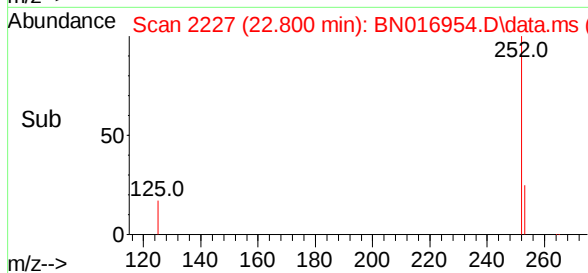
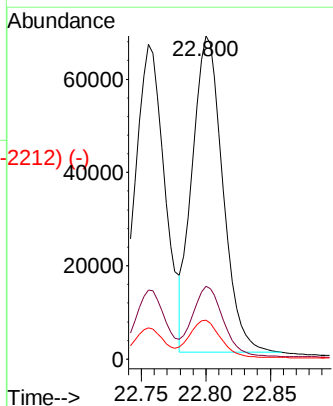
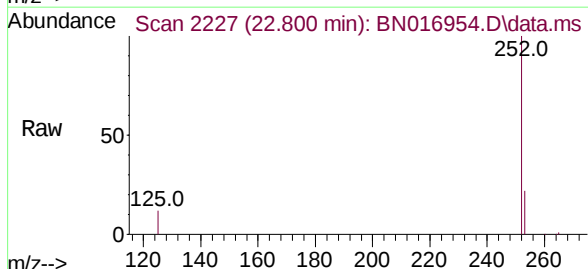


Abundance Scan 2227 (22.800 min): BN016949.D\data.ms (-2212) (-)



Benzo(k)fluoranthene  
Concen: 0.401 ng  
RT: 22.800 min Scan# 2227  
Delta R.T. -0.000 min  
Lab File: BN016954.D  
Acq: 14 Oct 2021 16:59

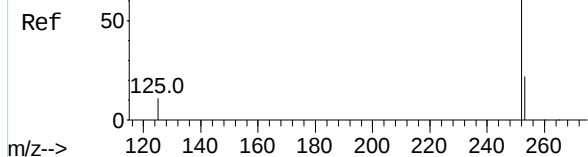
Tgt Ion:252 Resp: 111871  
Ion Ratio Lower Upper  
252 100  
253 22.5 17.9 26.9  
125 12.1 8.4 12.6



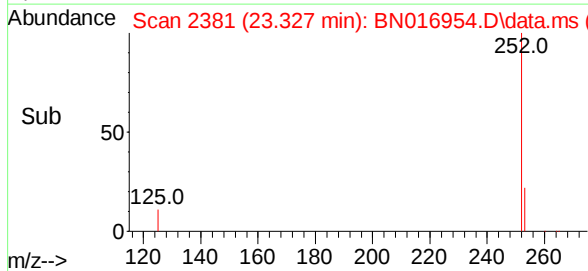
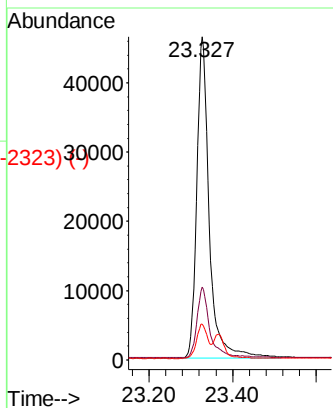
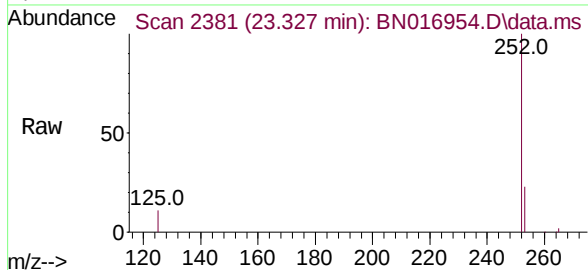
Abundance Scan 2381 (23.327 min): BN016949.D\data.ms (-2381) (-)

Benzo(a)pyrene  
Concen: 0.390 ng  
RT: 23.327 min Scan# 2381  
Delta R.T. -0.000 min  
Lab File: BN016954.D  
Acq: 14 Oct 2021 16:59

Instrument :  
BNA\_N  
ClientSampleId :  
ICVBN101421

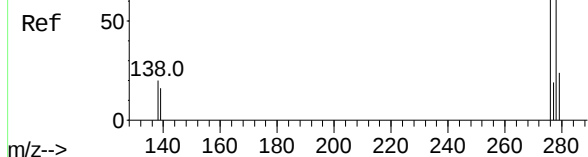


|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 252   | Resp: | 96815 |
| Ion Ratio | Lower | Upper |       |
| 252       | 100   |       |       |
| 253       | 22.5  | 17.8  | 26.8  |
| 125       | 11.1  | 9.0   | 13.6  |

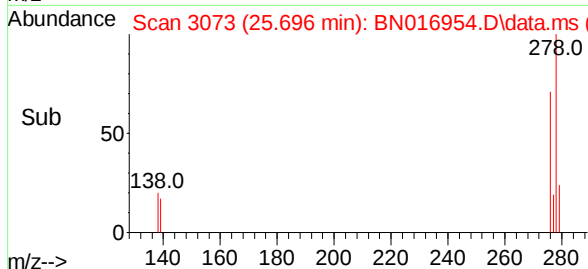
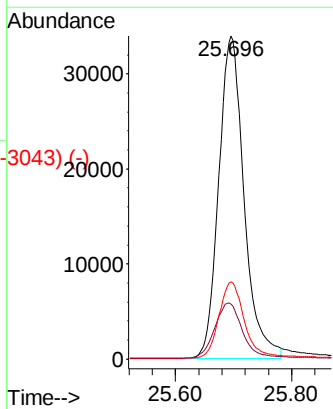
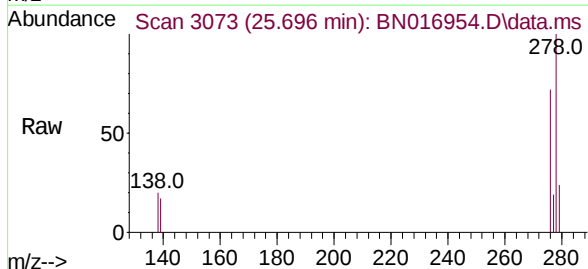


Abundance Scan 3072 (25.692 min): BN016949.D\data.ms (-3072) (-)

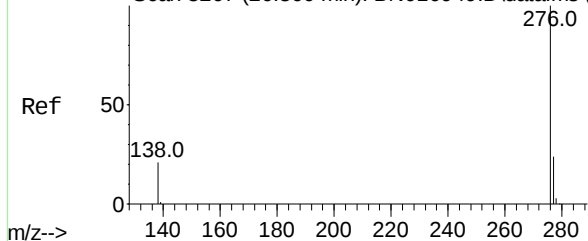
Dibenzo(a,h)anthracene  
Concen: 0.403 ng  
RT: 25.696 min Scan# 3073  
Delta R.T. 0.003 min  
Lab File: BN016954.D  
Acq: 14 Oct 2021 16:59



|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 278   | Resp: | 102587 |
| Ion Ratio | Lower | Upper |        |
| 278       | 100   |       |        |
| 139       | 17.1  | 13.0  | 19.6   |
| 279       | 23.9  | 19.1  | 28.7   |



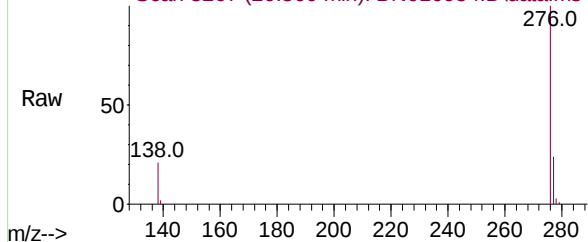
Abundance Scan 3267 (26.360 min): BN016949.D\data.ms (-3241)



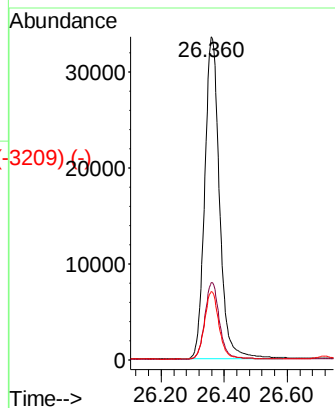
Benzo(g,h,i)perylene  
Concen: 0.393 ng  
RT: 26.360 min Scan# 3267  
Delta R.T. -0.000 min  
Lab File: BN016954.D  
Acq: 14 Oct 2021 16:59

Instrument :  
BNA\_N  
ClientSampleId :  
ICVBN101421

Abundance Scan 3267 (26.360 min): BN016954.D\data.ms



|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 276   | Resp: | 109275 |
| Ion Ratio | Lower | Upper |        |
| 276       | 100   |       |        |
| 277       | 23.9  | 19.1  | 28.7   |
| 138       | 21.1  | 16.8  | 25.2   |



Abundance Scan 3267 (26.360 min): BN016954.D\data.ms (-3209)

