

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN021521\  
 Data File : BN013629.D  
 Acq On : 15 Feb 2021 18:08  
 Operator : CG/JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC0.4EC

Quant Time: Feb 15 23:41:34 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN020821.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Feb 08 15:13:18 2021  
 Response via : Initial Calibration

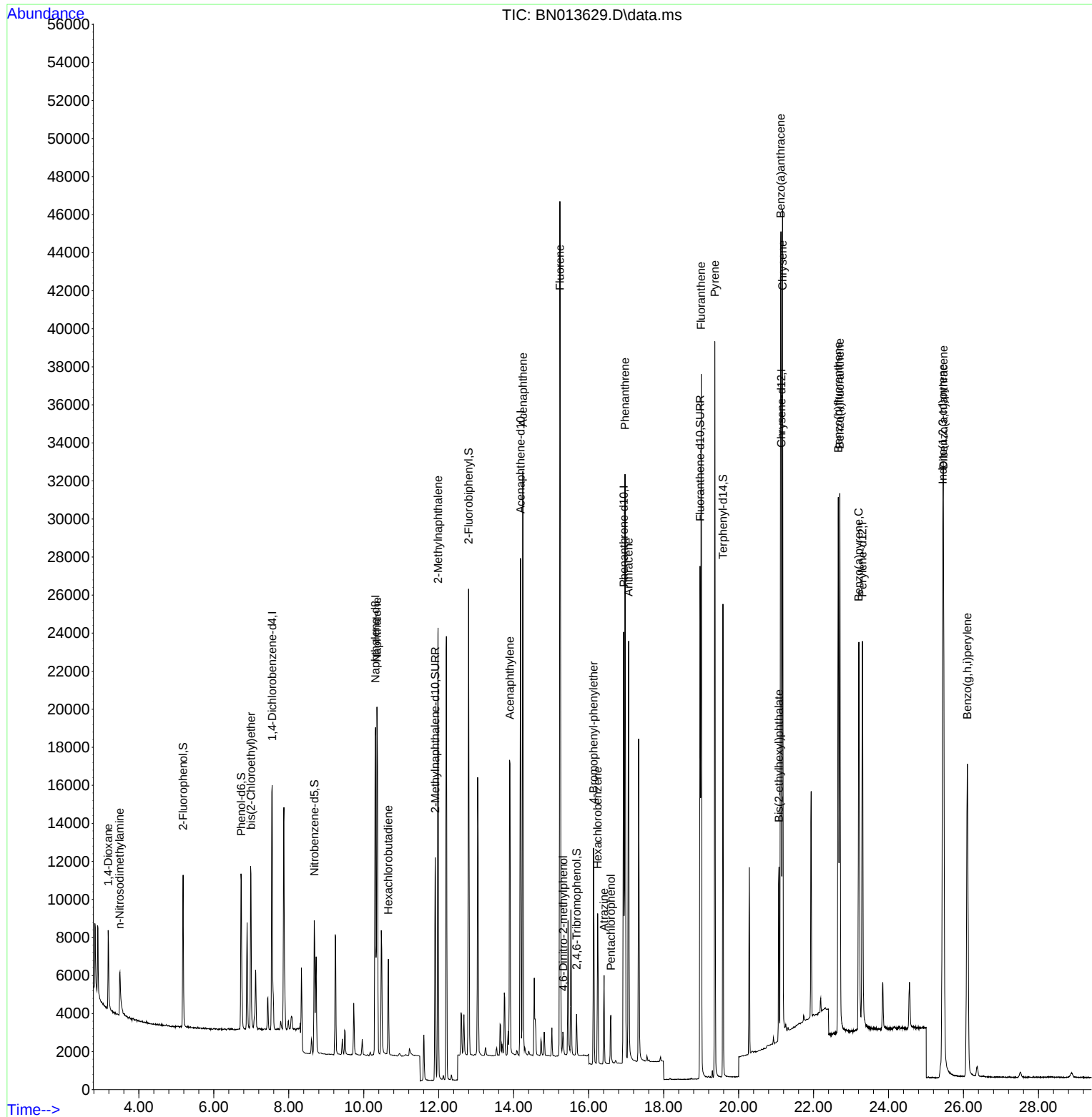
| Compound                      | R.T.   | QIon | Response | Conc | Units | Dev(Min) |
|-------------------------------|--------|------|----------|------|-------|----------|
| -----                         |        |      |          |      |       |          |
| Internal Standards            |        |      |          |      |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.555  | 152  | 6385     | 0.40 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.315 | 136  | 25677    | 0.40 | ng    | # 0.00   |
| 13) Acenaphthene-d10          | 14.181 | 164  | 14159    | 0.40 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 16.933 | 188  | 29194    | 0.40 | ng    | # 0.00   |
| 29) Chrysene-d12              | 21.141 | 240  | 28050    | 0.40 | ng    | # 0.00   |
| 36) Perylene-d12              | 23.305 | 264  | 26746    | 0.40 | ng    | # 0.00   |
| System Monitoring Compounds   |        |      |          |      |       |          |
| 4) 2-Fluorophenol             | 5.179  | 112  | 6325     | 0.46 | ng    | 0.00     |
| 5) Phenol-d6                  | 6.734  | 99   | 8103     | 0.47 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 8.680  | 82   | 5842     | 0.41 | ng    | -0.01    |
| 11) 2-Methylnaphthalene-d10   | 11.906 | 152  | 15756    | 0.39 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.678 | 330  | 1705     | 0.42 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 12.798 | 172  | 21188    | 0.40 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 18.972 | 212  | 30262    | 0.39 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.583 | 244  | 24693    | 0.40 | ng    | 0.00     |
| Target Compounds              |        |      |          |      |       |          |
|                               |        |      |          |      |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.182  | 88   | 2735     | 0.38 | ng    | 97       |
| 3) n-Nitrosodimethylamine     | 3.488  | 42   | 2077     | 0.40 | ng    | 86       |
| 6) bis(2-Chloroethyl)ether    | 6.992  | 93   | 6440     | 0.42 | ng    | 99       |
| 9) Naphthalene                | 10.353 | 128  | 25014    | 0.40 | ng    | 99       |
| 10) Hexachlorobutadiene       | 10.657 | 225  | 4173     | 0.40 | ng    | # 99     |
| 12) 2-Methylnaphthalene       | 11.982 | 142  | 17087    | 0.40 | ng    | 98       |
| 16) Acenaphthylene            | 13.902 | 152  | 20854    | 0.38 | ng    | 99       |
| 17) Acenaphthene              | 14.245 | 154  | 15341    | 0.39 | ng    | 100      |
| 18) Fluorene                  | 15.234 | 166  | 19121    | 0.39 | ng    | 99       |
| 20) 4,6-Dinitro-2-methylph... | 15.323 | 198  | 1018     | 0.39 | ng    | 90       |
| 21) 4-Bromophenyl-phenylether | 16.130 | 248  | 5577     | 0.39 | ng    | 92       |
| 22) Hexachlorobenzene         | 16.239 | 284  | 6198     | 0.39 | ng    | 100      |
| 23) Atrazine                  | 16.410 | 200  | 3602     | 0.39 | ng    | 97       |
| 24) Pentachlorophenol         | 16.592 | 266  | 1441     | 0.50 | ng    | 98       |
| 25) Phenanthrene              | 16.970 | 178  | 31111    | 0.39 | ng    | 100      |
| 26) Anthracene                | 17.067 | 178  | 25067    | 0.38 | ng    | 100      |
| 28) Fluoranthene              | 19.002 | 202  | 33215    | 0.38 | ng    | 99       |
| 30) Pyrene                    | 19.364 | 202  | 33730    | 0.40 | ng    | 100      |
| 32) Benzo(a)anthracene        | 21.120 | 228  | 30167    | 0.40 | ng    | 98       |
| 33) Chrysene                  | 21.173 | 228  | 33017    | 0.39 | ng    | 98       |
| 34) Bis(2-ethylhexyl)phtha... | 21.077 | 149  | 9519     | 0.43 | ng    | 100      |
| 35) Indeno(1,2,3-cd)pyrene    | 25.448 | 276  | 37729    | 0.42 | ng    | 99       |
| 37) Benzo(b)fluoranthene      | 22.658 | 252  | 34061    | 0.37 | ng    | 96       |
| 38) Benzo(k)fluoranthene      | 22.699 | 252  | 35547    | 0.38 | ng    | # 96     |
| 39) Benzo(a)pyrene            | 23.206 | 252  | 30447    | 0.39 | ng    | 96       |
| 40) Dibenzo(a,h)anthracene    | 25.465 | 278  | 31535    | 0.37 | ng    | 98       |
| 41) Benzo(g,h,i)perylene      | 26.101 | 276  | 32517    | 0.37 | ng    | 99       |
| -----                         |        |      |          |      |       |          |

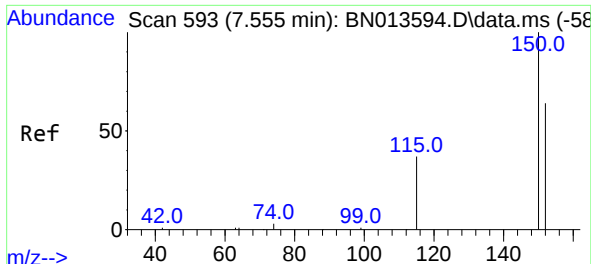
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN021521\  
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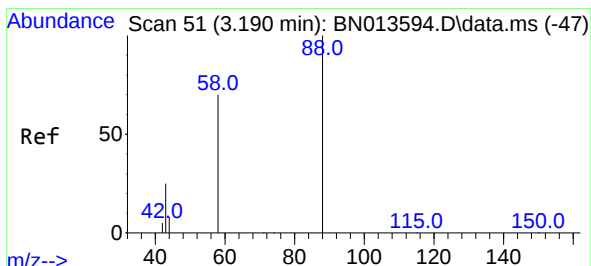
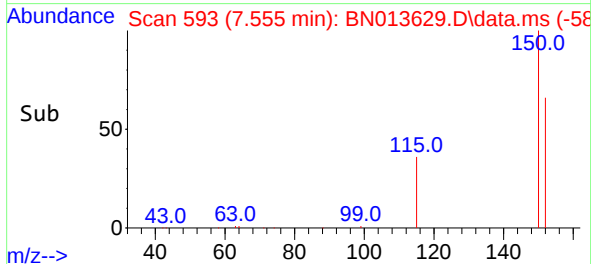
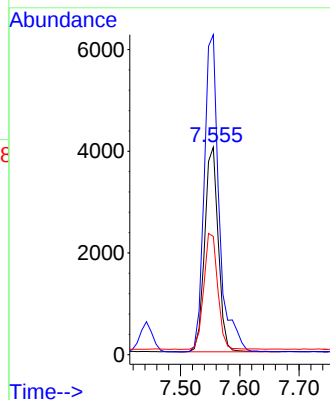
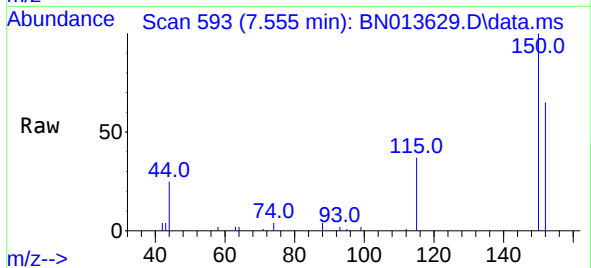


#1  
1,4-Dichlorobenzene-d4  
Concen: 0.40 ng  
RT: 7.555 min Scan# 593  
Delta R.T. 0.000 min  
Lab File: BN013629.D  
Acq: 15 Feb 2021 18:08

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

Tgt Ion: 152 Resp: 6385

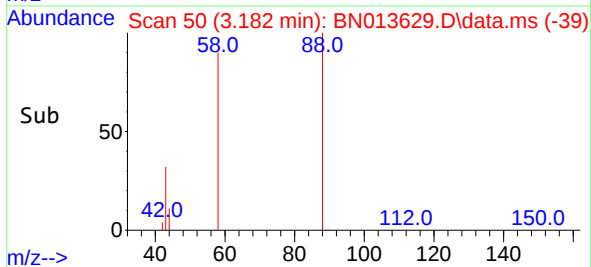
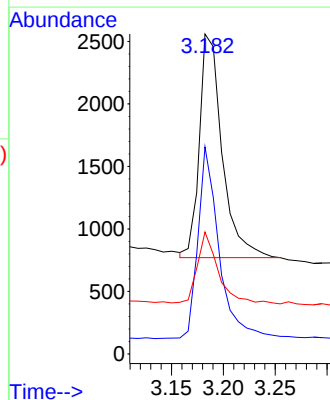
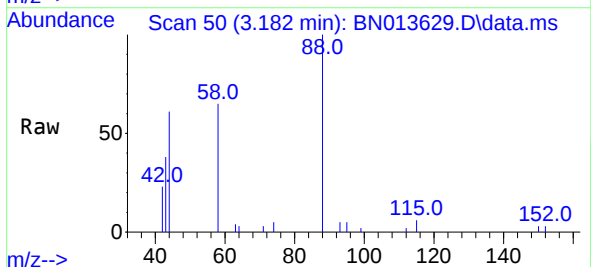
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 152 | 100   |       |       |
| 150 | 154.2 | 121.8 | 182.8 |
| 115 | 57.0  | 46.6  | 69.8  |

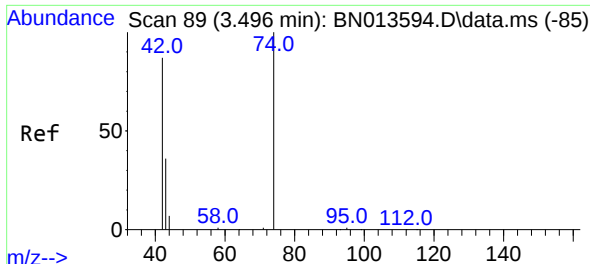


#2  
1,4-Dioxane  
Concen: 0.38 ng  
RT: 3.182 min Scan# 50  
Delta R.T. -0.008 min  
Lab File: BN013629.D  
Acq: 15 Feb 2021 18:08

Tgt Ion: 88 Resp: 2735

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 88  | 100   |       |       |
| 58  | 79.0  | 64.6  | 96.8  |
| 43  | 29.8  | 26.6  | 40.0  |



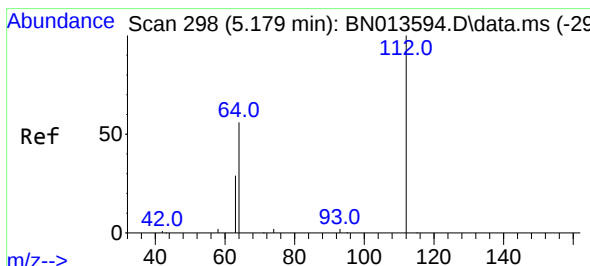
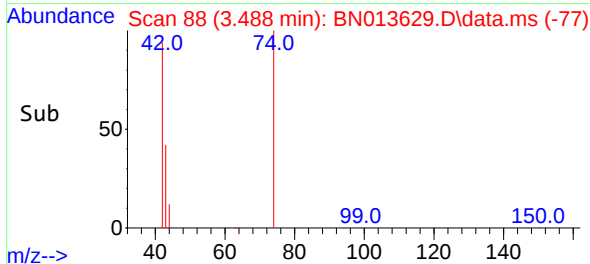
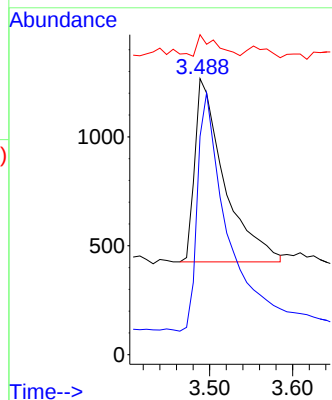
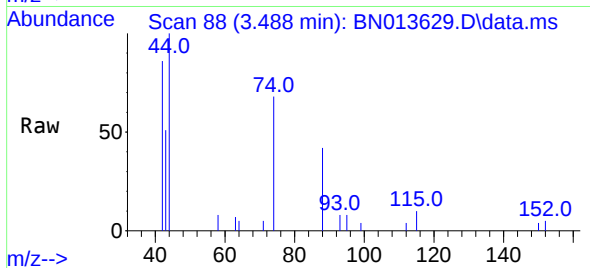


#3  
n-Nitrosodimethylamine  
Concen: 0.40 ng  
RT: 3.488 min Scan# 88  
Delta R.T. -0.008 min  
Lab File: BN013629.D  
Acq: 15 Feb 2021 18:08

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

Tgt Ion: 42 Resp: 2077

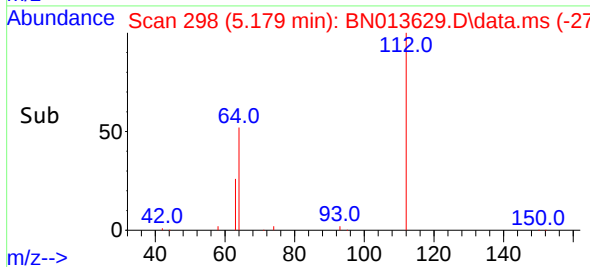
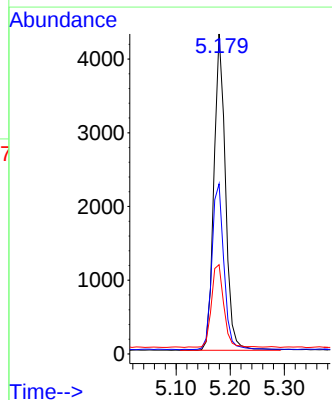
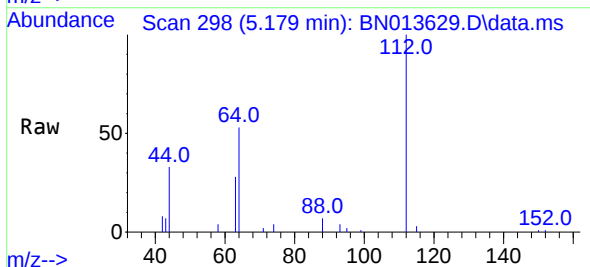
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 42  | 100   |       |       |
| 74  | 135.5 | 95.0  | 142.6 |
| 44  | 8.1   | 5.8   | 8.8   |

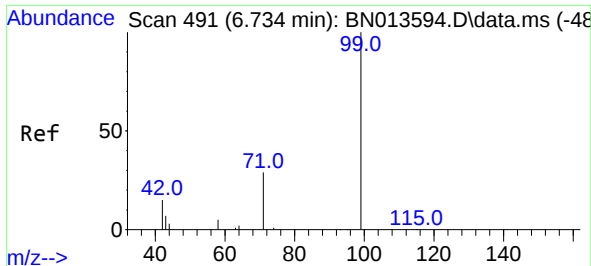


#4  
2-Fluorophenol  
Concen: 0.46 ng  
RT: 5.179 min Scan# 298  
Delta R.T. 0.000 min  
Lab File: BN013629.D  
Acq: 15 Feb 2021 18:08

Tgt Ion: 112 Resp: 6325

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 112 | 100   |       |       |
| 64  | 55.4  | 44.3  | 66.5  |
| 63  | 28.2  | 23.0  | 34.6  |



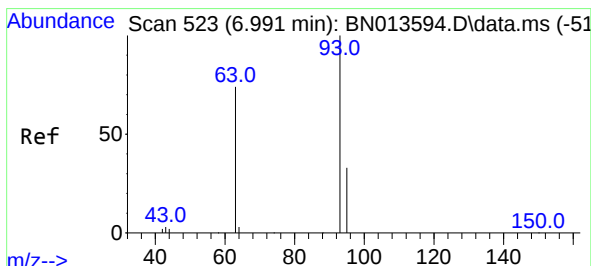
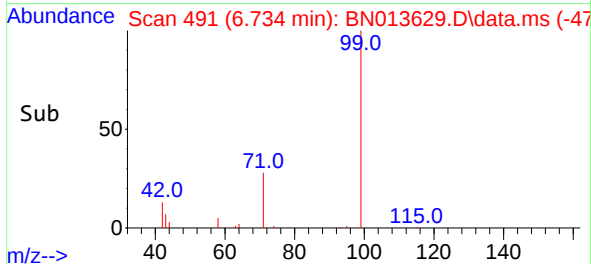
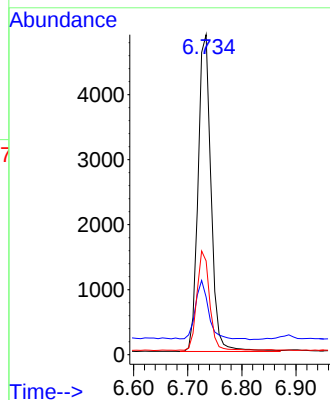
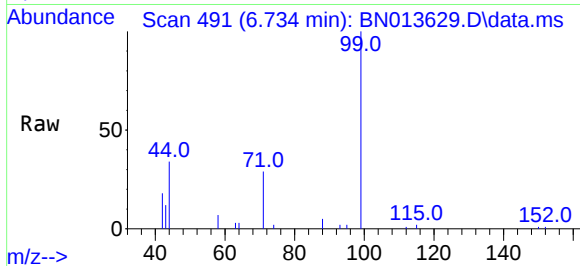


#5  
Phenol-d6  
Concen: 0.47 ng  
RT: 6.734 min Scan# 491  
Delta R.T. 0.000 min  
Lab File: BN013629.D  
Acq: 15 Feb 2021 18:08

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

Tgt Ion: 99 Resp: 8103

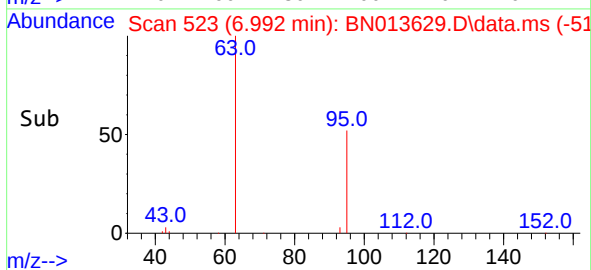
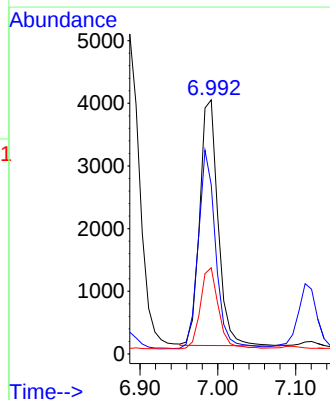
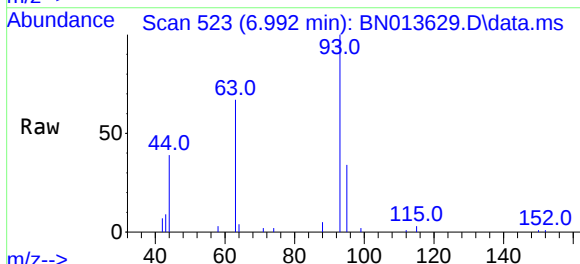
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 18.7  | 15.2  | 22.8  |
| 71  | 30.8  | 26.1  | 39.1  |

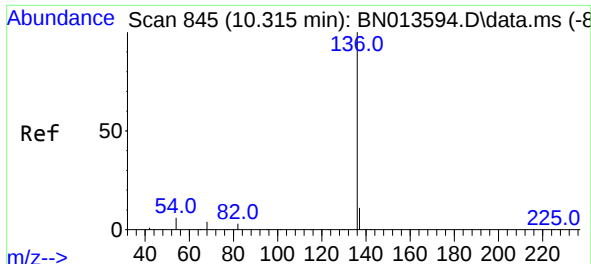


#6  
bis(2-Chloroethyl)ether  
Concen: 0.42 ng  
RT: 6.992 min Scan# 523  
Delta R.T. 0.000 min  
Lab File: BN013629.D  
Acq: 15 Feb 2021 18:08

Tgt Ion: 93 Resp: 6440

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 93  | 100   |       |       |
| 63  | 76.7  | 60.8  | 91.2  |
| 95  | 33.1  | 26.0  | 39.0  |

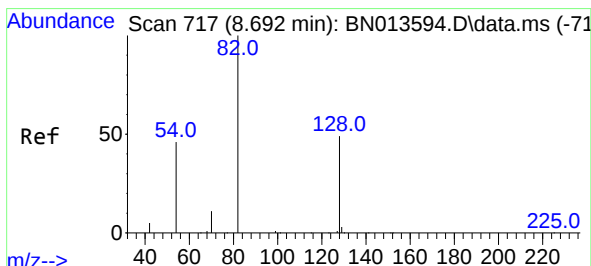
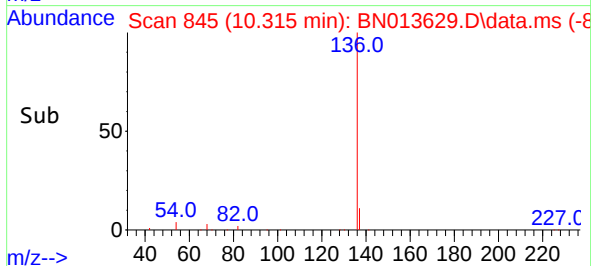
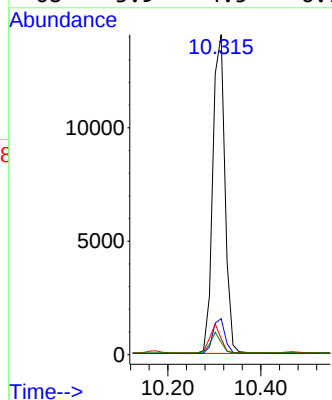
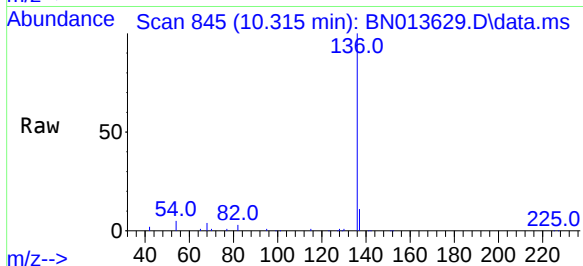




#7  
Naphthalene-d8  
Concen: 0.40 ng  
RT: 10.315 min Scan# 845  
Delta R.T. 0.000 min  
Lab File: BN013629.D  
Acq: 15 Feb 2021 18:08

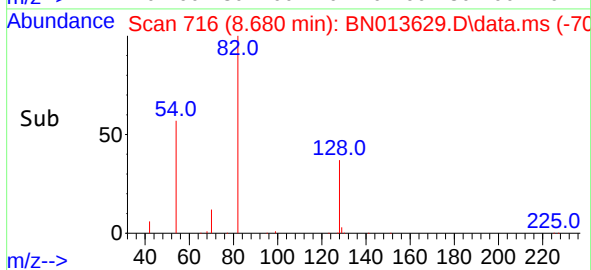
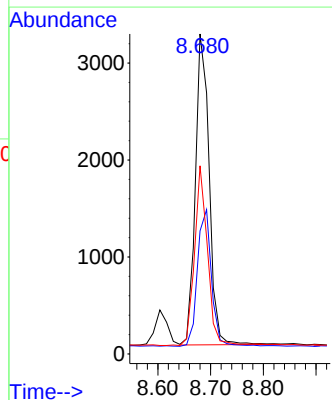
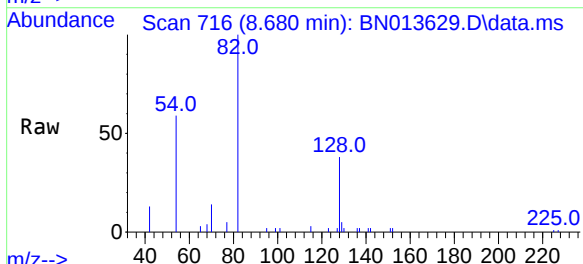
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

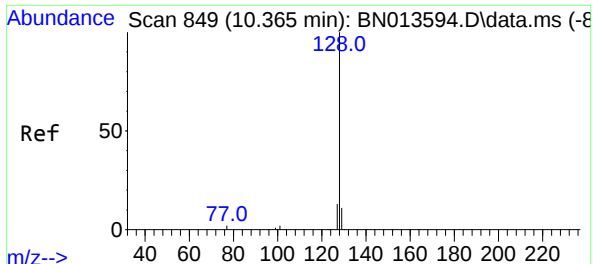
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|-----------|-------|-------|-------|
| Tgt Ion:  | 136   | Resp: | 25677 |
| Ion Ratio | Lower | Upper |       |
| 136       | 100   |       |       |
| 137       | 11.3  | 9.0   | 13.6  |
| 54        | 5.0   | 6.4   | 9.6#  |
| 68        | 3.9   | 4.5   | 6.7#  |



#8  
Nitrobenzene-d5  
Concen: 0.41 ng  
RT: 8.680 min Scan# 716  
Delta R.T. -0.013 min  
Lab File: BN013629.D  
Acq: 15 Feb 2021 18:08

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 82    | Resp: | 5842  |
| Ion Ratio | Lower | Upper |       |
| 82        | 100   |       |       |
| 128       | 38.5  | 39.2  | 58.8# |
| 54        | 58.8  | 40.1  | 60.1  |

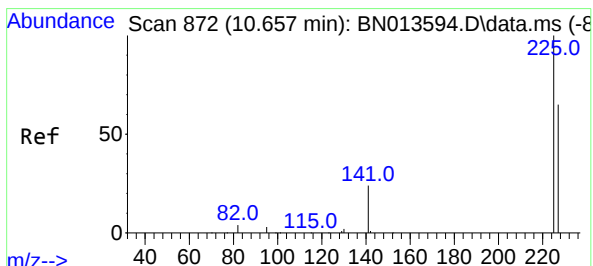
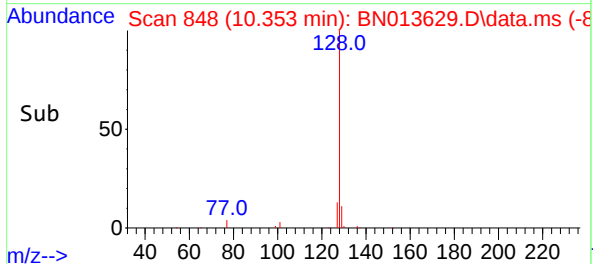
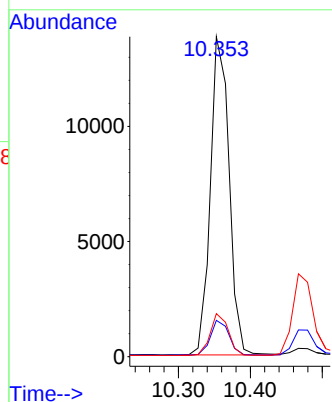
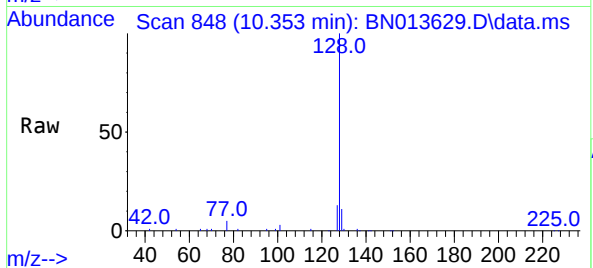




#9  
Naphthalene  
Concen: 0.40 ng  
RT: 10.353 min Scan# 848  
Delta R.T. -0.013 min  
Lab File: BN013629.D  
Acq: 15 Feb 2021 18:08

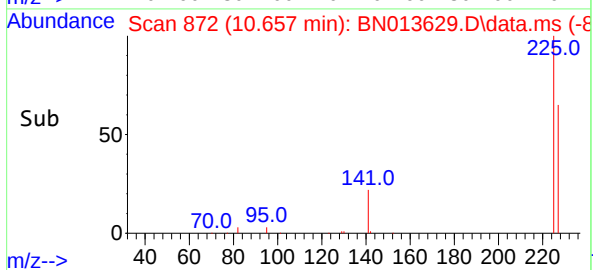
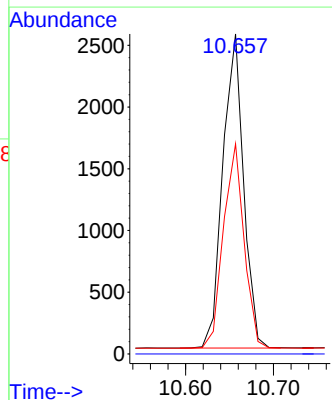
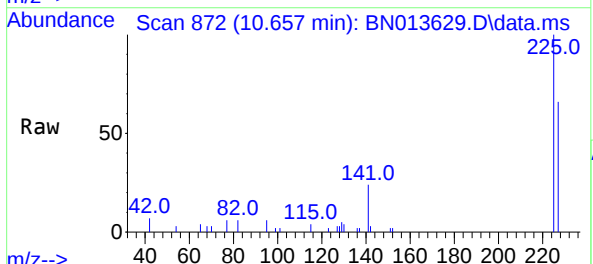
Instrument :  
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SSTDCCC0.4EC

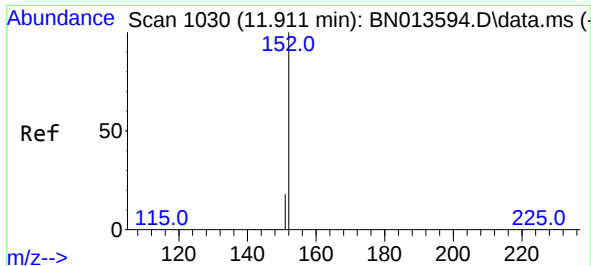
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|-----------|-------|-------|-------|
| Tgt Ion:  | 128   | Resp: | 25014 |
| Ion Ratio | Lower | Upper |       |
| 128       | 100   |       |       |
| 129       | 11.3  | 9.0   | 13.4  |
| 127       | 13.4  | 10.4  | 15.6  |



#10  
Hexachlorobutadiene  
Concen: 0.40 ng  
RT: 10.657 min Scan# 872  
Delta R.T. 0.000 min  
Lab File: BN013629.D  
Acq: 15 Feb 2021 18:08

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 225   | Resp: | 4173 |
| Ion Ratio | Lower | Upper |      |
| 225       | 100   |       |      |
| 223       | 0.0   | 0.0   | 0.0  |
| 227       | 64.7  | 51.2  | 76.8 |

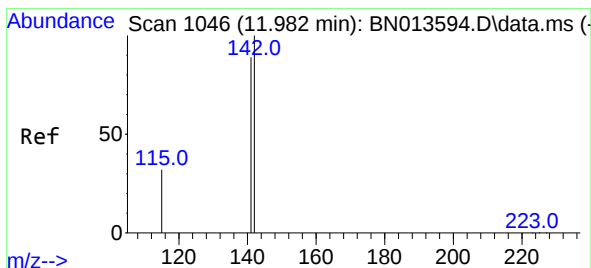
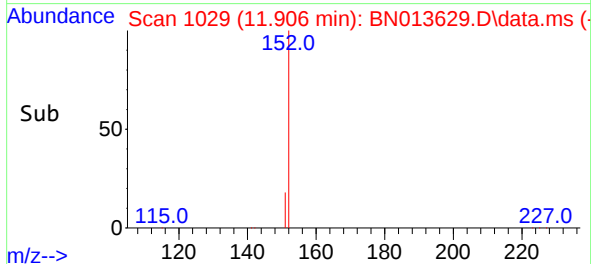
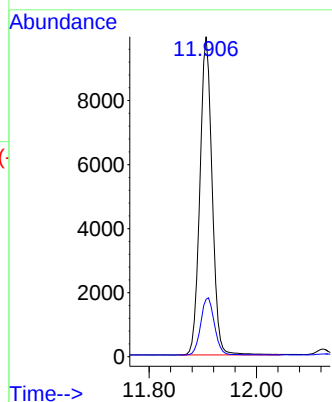
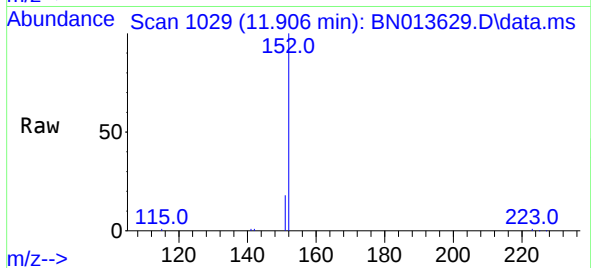




#11  
2-Methylnaphthalene-d10  
Concen: 0.39 ng  
RT: 11.906 min Scan# 1029  
Delta R.T. -0.004 min  
Lab File: BN013629.D  
Acq: 15 Feb 2021 18:08

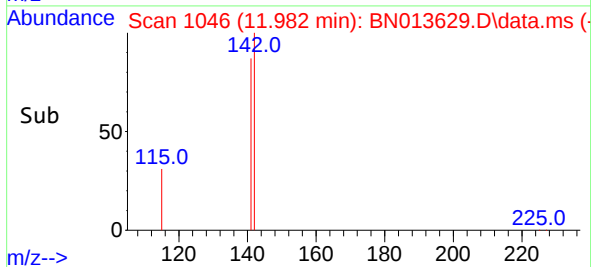
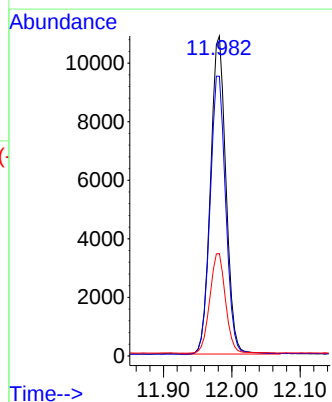
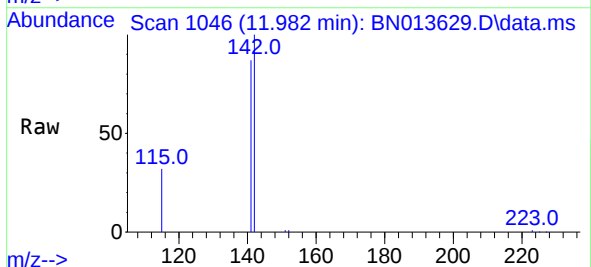
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

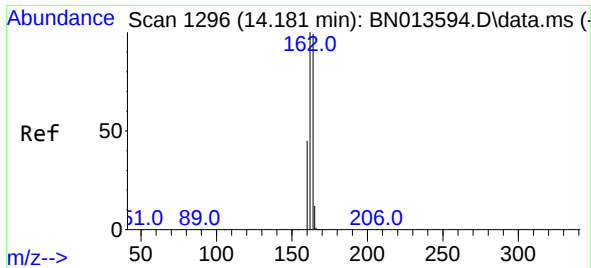
Tgt Ion:152 Resp: 15756  
Ion Ratio Lower Upper  
152 100  
151 20.1 16.2 24.2



#12  
2-Methylnaphthalene  
Concen: 0.40 ng  
RT: 11.982 min Scan# 1046  
Delta R.T. 0.000 min  
Lab File: BN013629.D  
Acq: 15 Feb 2021 18:08

Tgt Ion:142 Resp: 17087  
Ion Ratio Lower Upper  
142 100  
141 87.4 70.5 105.7  
115 32.0 27.4 41.0

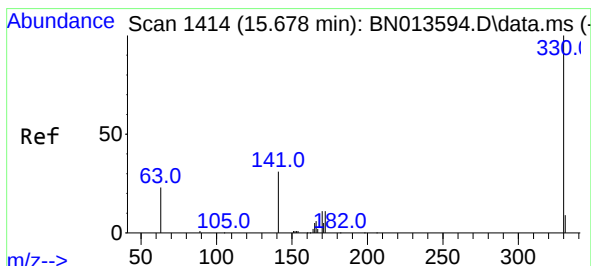
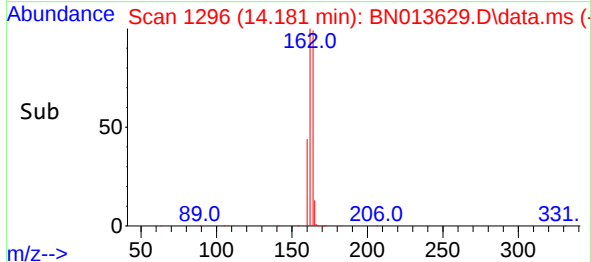
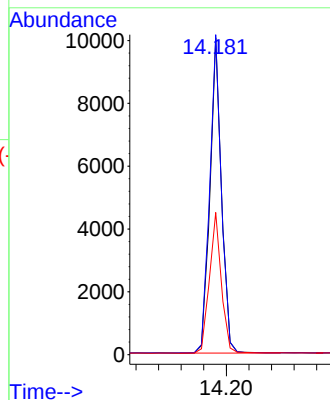
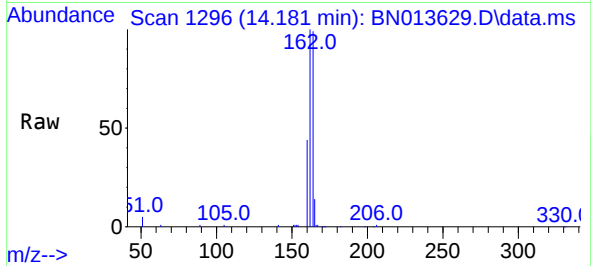




#13  
Acenaphthene-d10  
Concen: 0.40 ng  
RT: 14.181 min Scan# 1296  
Delta R.T. 0.000 min  
Lab File: BN013629.D  
Acq: 15 Feb 2021 18:08

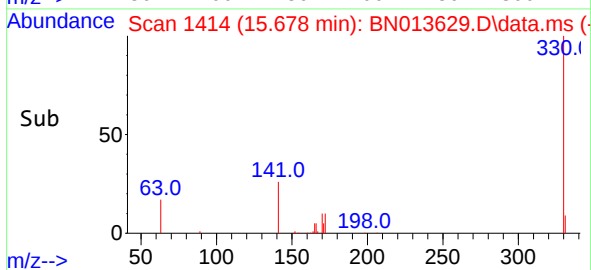
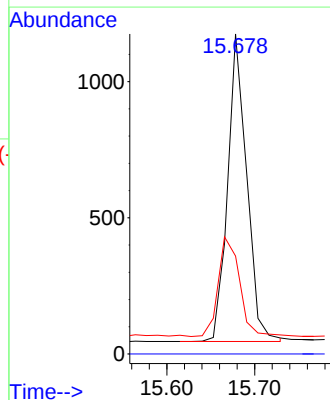
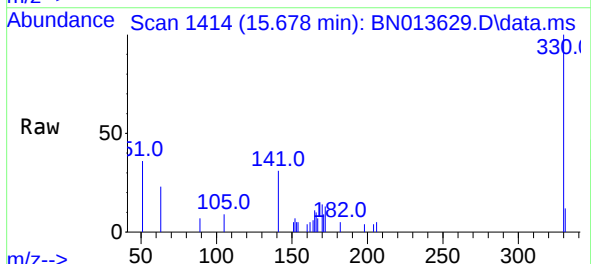
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

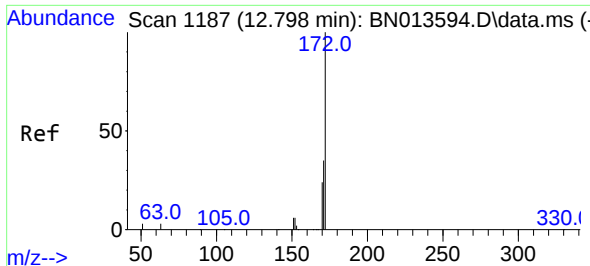
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 164   | Resp: | 14159 |
| Ion      | Ratio | Lower | Upper |
| 164      | 100   |       |       |
| 162      | 101.0 | 79.6  | 119.4 |
| 160      | 44.9  | 36.0  | 54.0  |



#14  
2,4,6-Tribromophenol  
Concen: 0.42 ng  
RT: 15.678 min Scan# 1414  
Delta R.T. 0.000 min  
Lab File: BN013629.D  
Acq: 15 Feb 2021 18:08

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 330   | Resp: | 1705  |
| Ion      | Ratio | Lower | Upper |
| 330      | 100   |       |       |
| 332      | 0.0   | 0.0   | 0.0   |
| 141      | 36.3  | 26.8  | 40.2  |

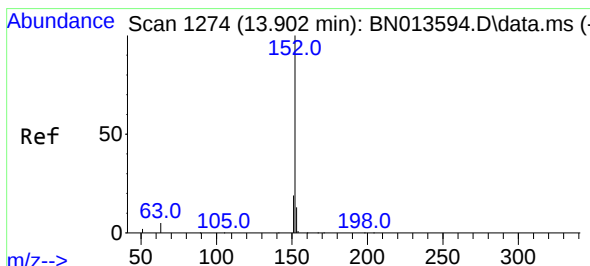
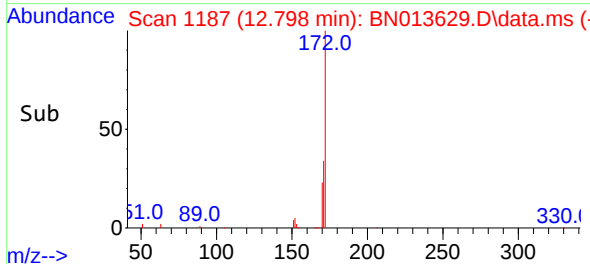
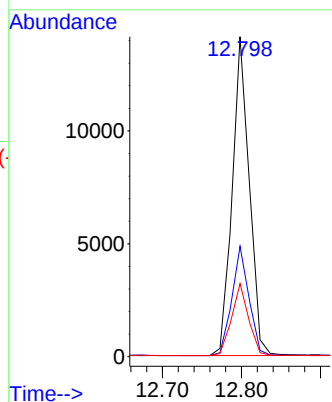
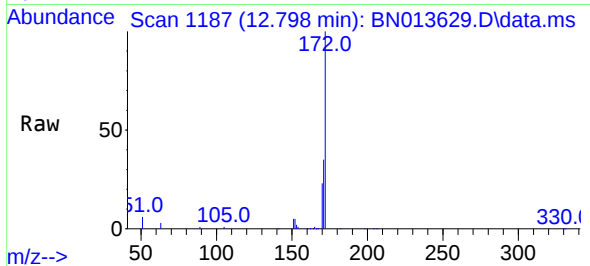




#15  
2-Fluorobiphenyl  
Concen: 0.40 ng  
RT: 12.798 min Scan# 1187  
Delta R.T. 0.000 min  
Lab File: BN013629.D  
Acq: 15 Feb 2021 18:08

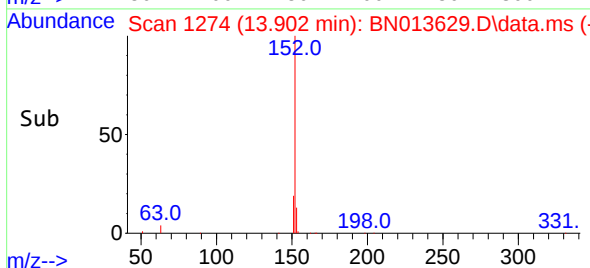
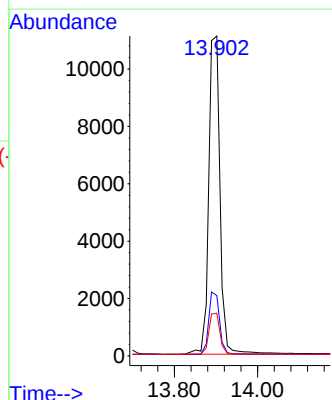
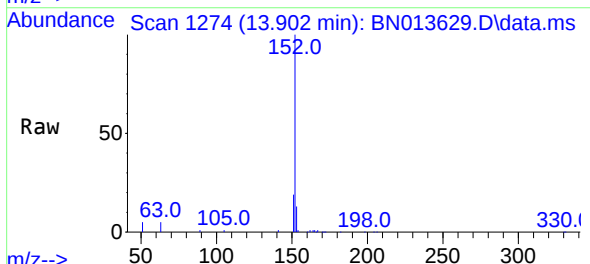
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

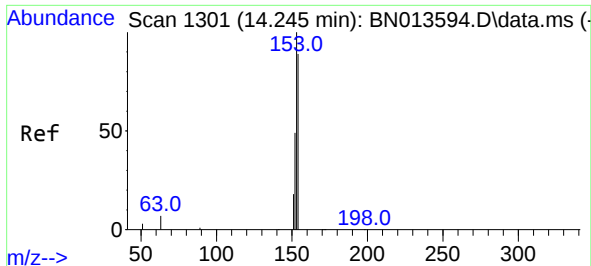
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 172   | Resp: | 21188 |
| Ion      | Ratio | Lower | Upper |
| 172      | 100   |       |       |
| 171      | 34.5  | 28.6  | 42.8  |
| 170      | 22.8  | 18.9  | 28.3  |



#16  
Acenaphthylene  
Concen: 0.38 ng  
RT: 13.902 min Scan# 1274  
Delta R.T. 0.000 min  
Lab File: BN013629.D  
Acq: 15 Feb 2021 18:08

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 152   | Resp: | 20854 |
| Ion      | Ratio | Lower | Upper |
| 152      | 100   |       |       |
| 151      | 19.2  | 15.7  | 23.5  |
| 153      | 12.9  | 10.5  | 15.7  |



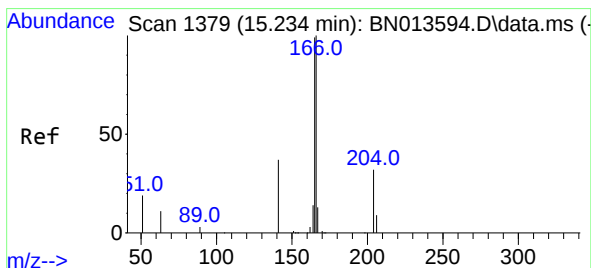
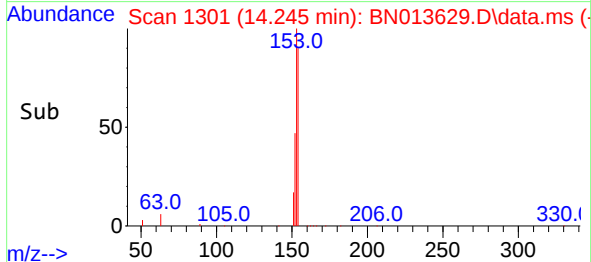
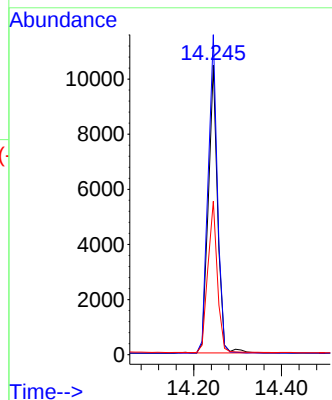
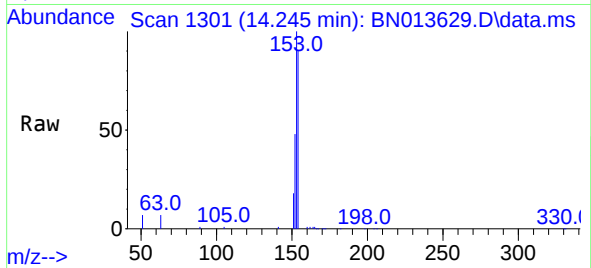


#17  
Acenaphthene  
Concen: 0.39 ng  
RT: 14.245 min Scan# 1301  
Delta R.T. 0.000 min  
Lab File: BN013629.D  
Acq: 15 Feb 2021 18:08

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

Tgt Ion:154 Resp: 15341  

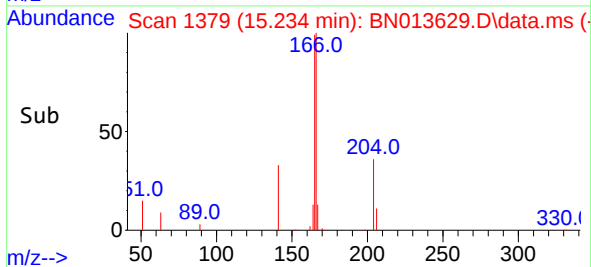
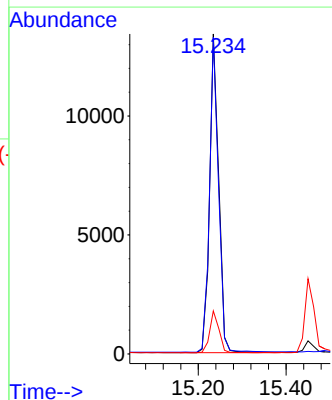
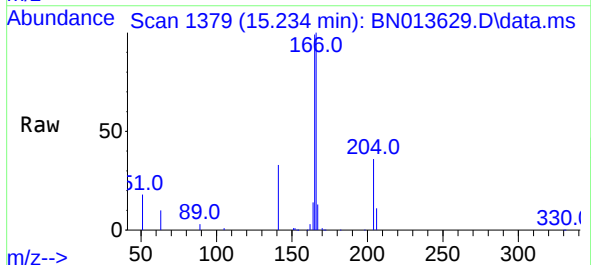
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 154 | 100   |       |       |
| 153 | 110.9 | 88.4  | 132.6 |
| 152 | 53.6  | 43.0  | 64.4  |

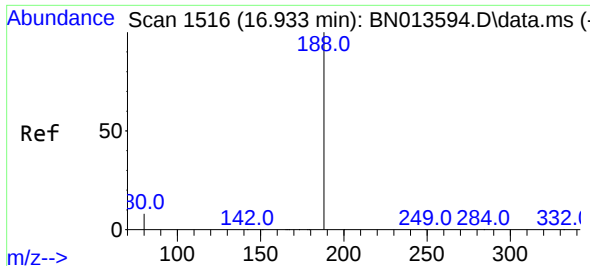


#18  
Fluorene  
Concen: 0.39 ng  
RT: 15.234 min Scan# 1379  
Delta R.T. 0.000 min  
Lab File: BN013629.D  
Acq: 15 Feb 2021 18:08

Tgt Ion:166 Resp: 19121  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 166 | 100   |       |       |
| 165 | 97.9  | 77.8  | 116.8 |
| 167 | 13.4  | 10.6  | 16.0  |

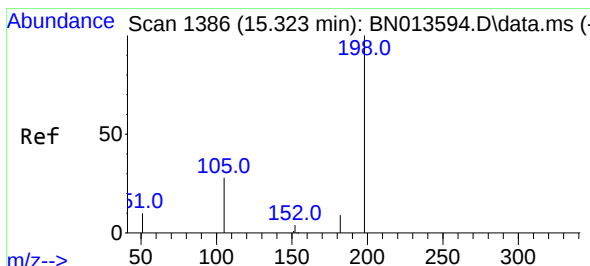
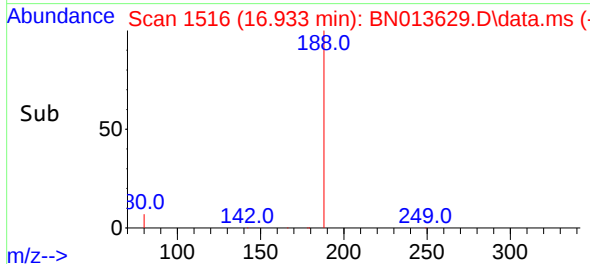
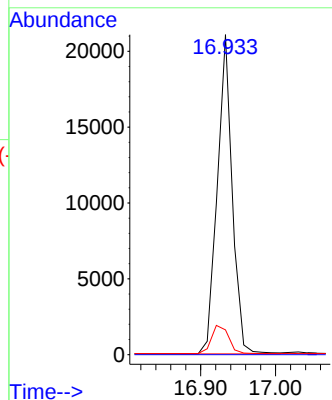
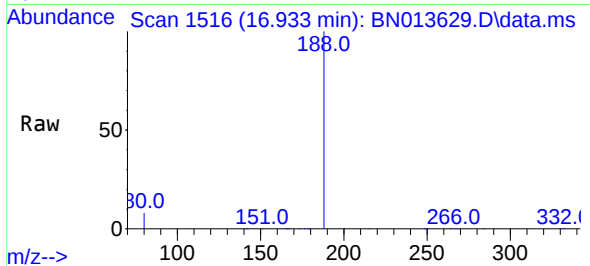




#19  
Phenanthrene-d10  
Concen: 0.40 ng  
RT: 16.933 min Scan# 1516  
Delta R.T. 0.000 min  
Lab File: BN013629.D  
Acq: 15 Feb 2021 18:08

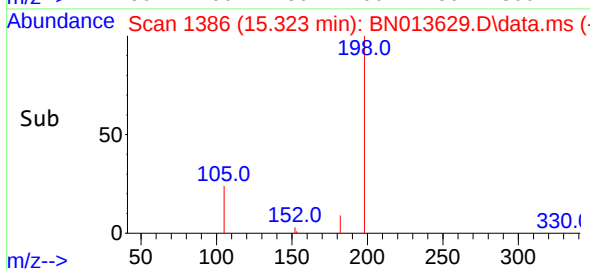
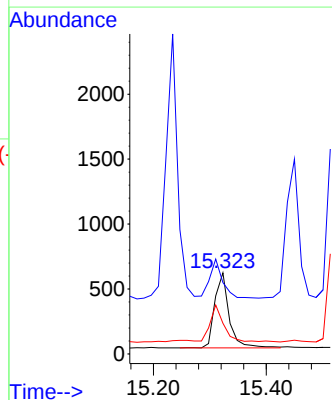
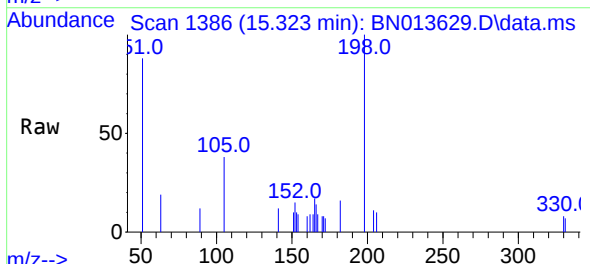
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

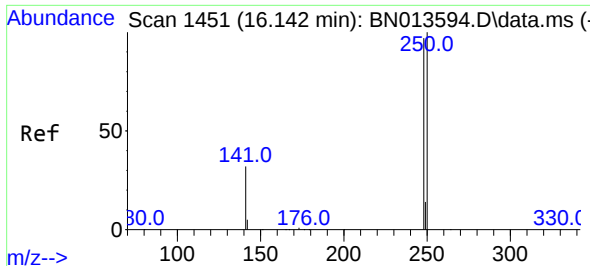
Tgt Ion:188 Resp: 29194  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 7.8 9.0 13.6#



#20  
4,6-Dinitro-2-methylphenol  
Concen: 0.39 ng  
RT: 15.323 min Scan# 1386  
Delta R.T. 0.000 min  
Lab File: BN013629.D  
Acq: 15 Feb 2021 18:08

Tgt Ion:198 Resp: 1018  
Ion Ratio Lower Upper  
198 100  
51 88.0 61.7 92.5  
105 37.8 33.0 49.6

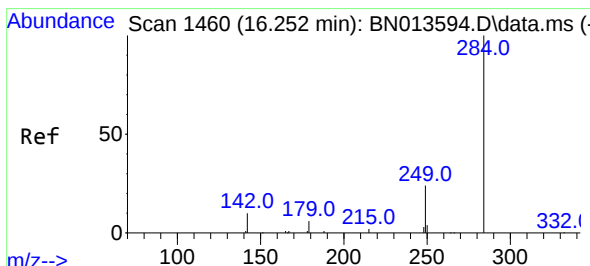
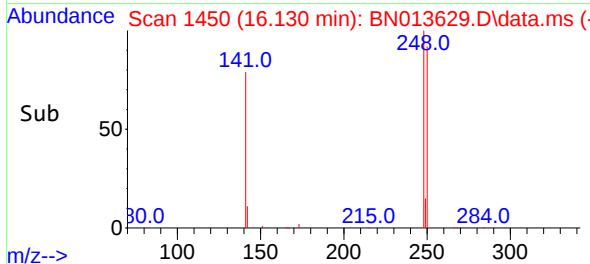
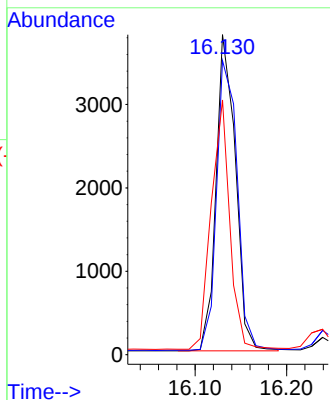
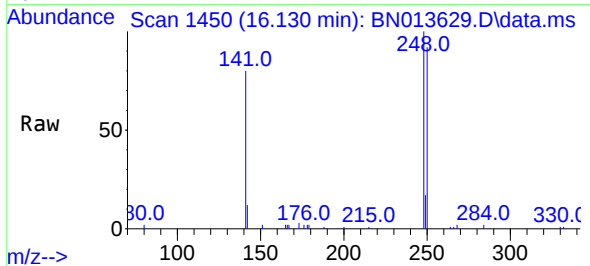




#21  
4-Bromophenyl-phenylether  
Concen: 0.39 ng  
RT: 16.130 min Scan# 1450  
Delta R.T. -0.012 min  
Lab File: BN013629.D  
Acq: 15 Feb 2021 18:08

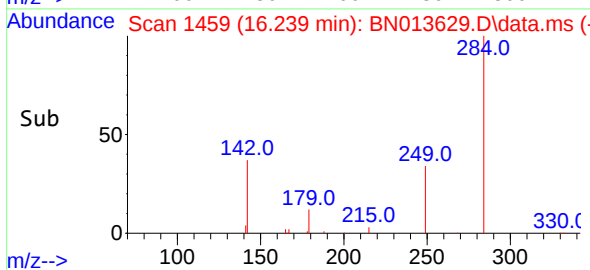
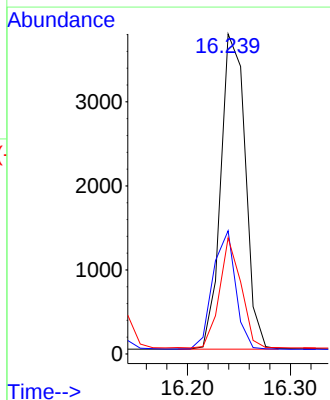
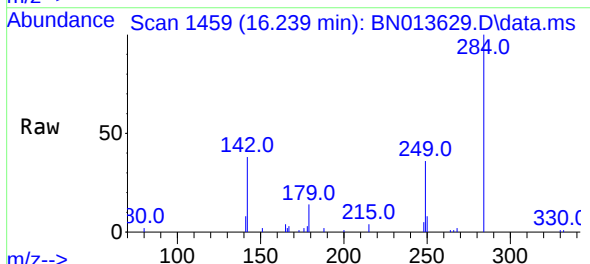
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

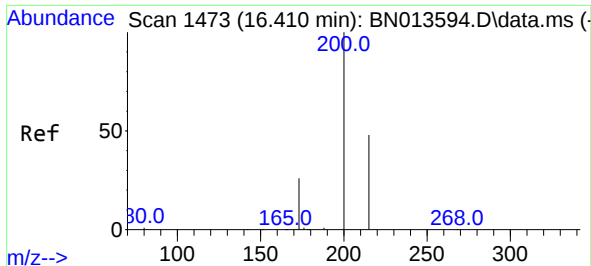
Tgt Ion:248 Resp: 5577  
Ion Ratio Lower Upper  
248 100  
250 91.9 75.5 113.3  
141 79.6 53.8 80.8



#22  
Hexachlorobenzene  
Concen: 0.39 ng  
RT: 16.239 min Scan# 1459  
Delta R.T. -0.012 min  
Lab File: BN013629.D  
Acq: 15 Feb 2021 18:08

Tgt Ion:284 Resp: 6198  
Ion Ratio Lower Upper  
284 100  
142 35.0 27.9 41.9  
249 30.7 24.2 36.2

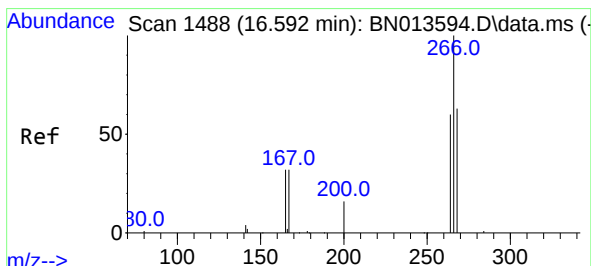
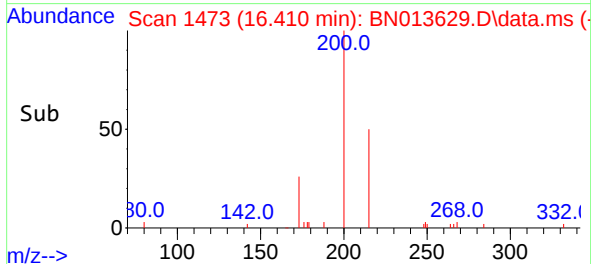
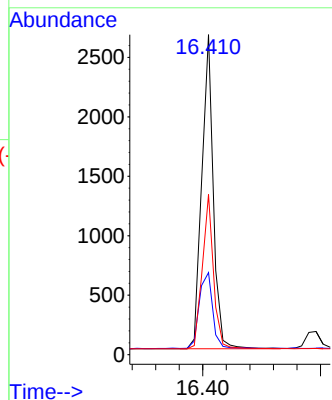
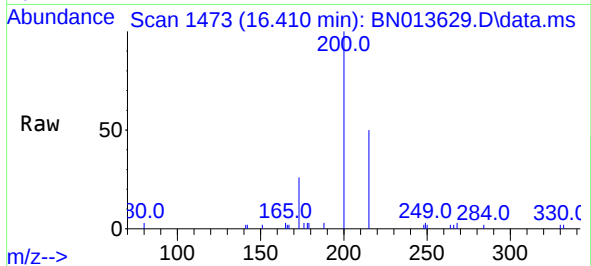




#23  
Atrazine  
Concen: 0.39 ng  
RT: 16.410 min Scan# 1473  
Delta R.T. 0.000 min  
Lab File: BN013629.D  
Acq: 15 Feb 2021 18:08

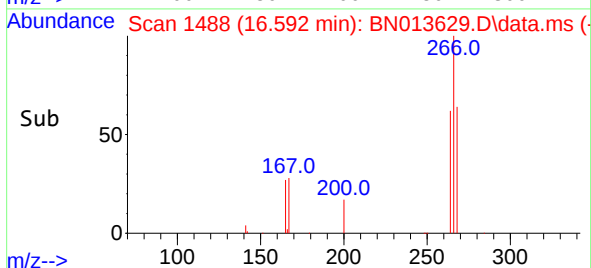
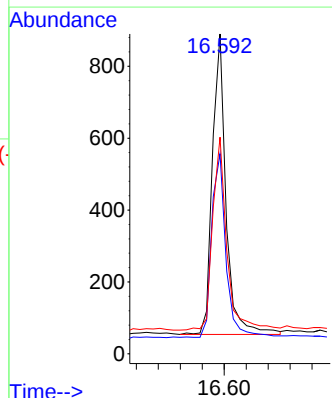
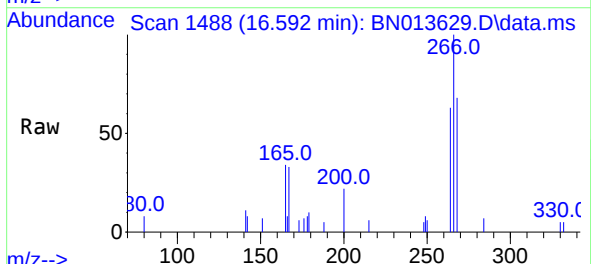
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

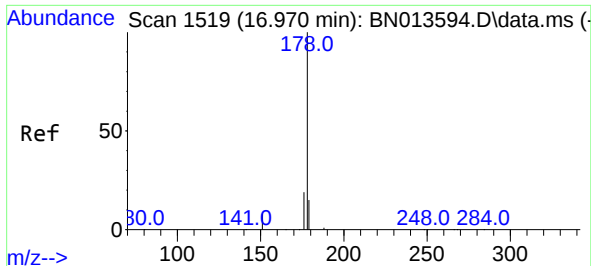
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 200   | Resp: | 3602  |
| Ion      | Ratio | Lower | Upper |
| 200      | 100   |       |       |
| 173      | 25.6  | 18.6  | 28.0  |
| 215      | 50.1  | 41.0  | 61.6  |



#24  
Pentachlorophenol  
Concen: 0.50 ng  
RT: 16.592 min Scan# 1488  
Delta R.T. 0.000 min  
Lab File: BN013629.D  
Acq: 15 Feb 2021 18:08

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 266   | Resp: | 1441  |
| Ion      | Ratio | Lower | Upper |
| 266      | 100   |       |       |
| 264      | 63.8  | 51.6  | 77.4  |
| 268      | 66.6  | 54.6  | 82.0  |

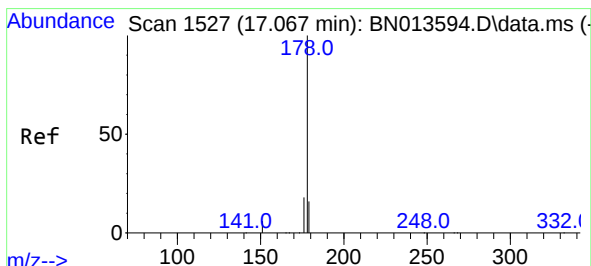
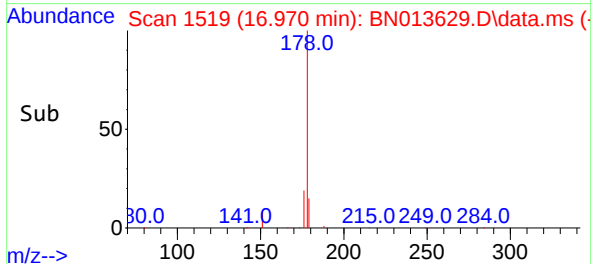
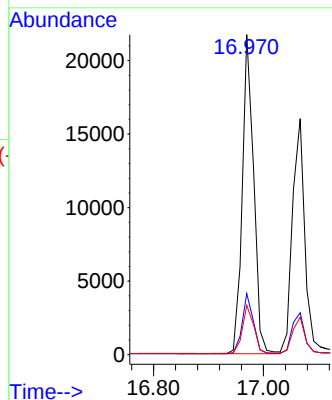
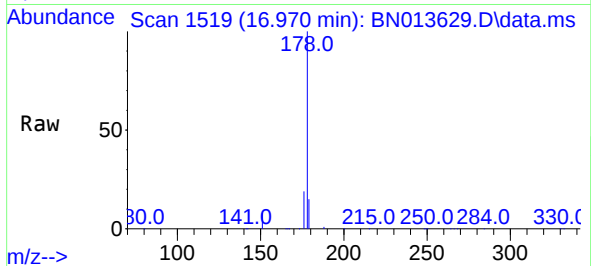




#25  
Phenanthrene  
Concen: 0.39 ng  
RT: 16.970 min Scan# 1519  
Delta R.T. 0.000 min  
Lab File: BN013629.D  
Acq: 15 Feb 2021 18:08

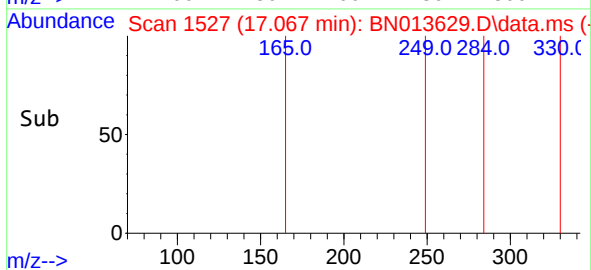
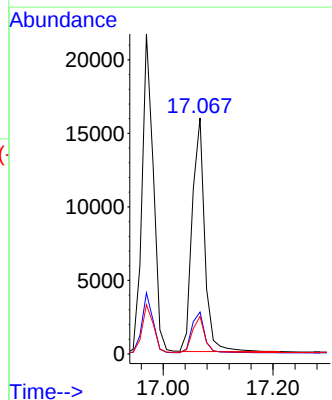
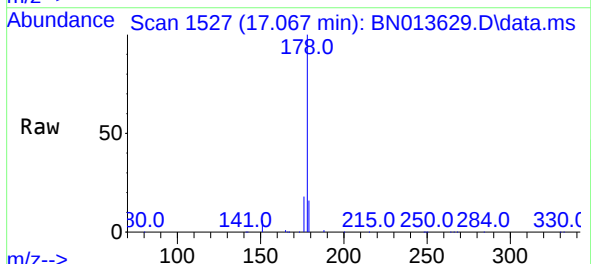
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

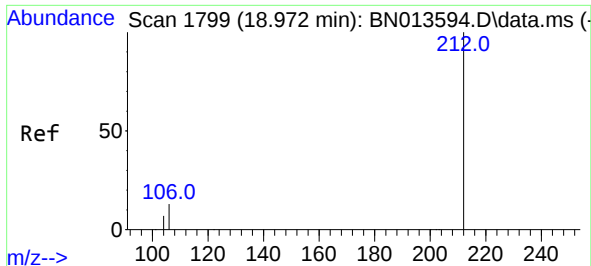
Tgt Ion:178 Resp: 31111  
Ion Ratio Lower Upper  
178 100  
176 18.7 15.0 22.4  
179 15.4 12.3 18.5



#26  
Anthracene  
Concen: 0.38 ng  
RT: 17.067 min Scan# 1527  
Delta R.T. 0.000 min  
Lab File: BN013629.D  
Acq: 15 Feb 2021 18:08

Tgt Ion:178 Resp: 25067  
Ion Ratio Lower Upper  
178 100  
176 17.9 14.6 21.8  
179 15.3 12.2 18.2

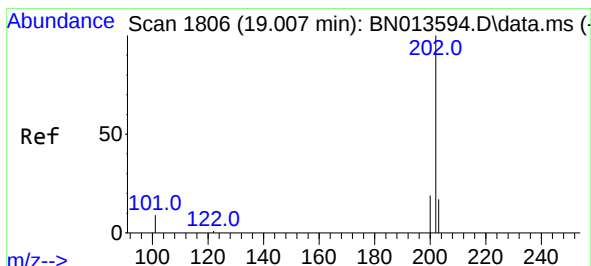
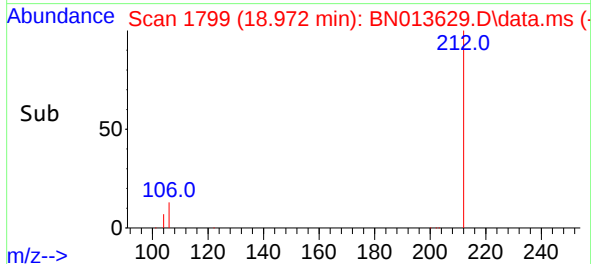
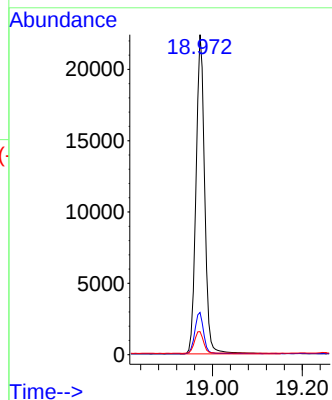
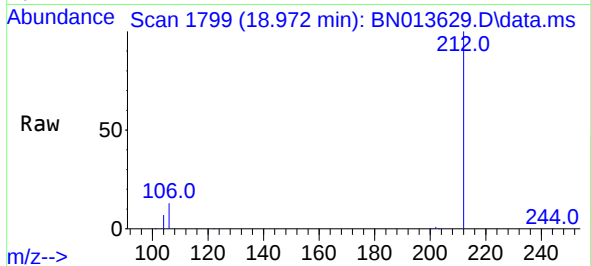




#27  
Fluoranthene-d10  
Concen: 0.39 ng  
RT: 18.972 min Scan# 1799  
Delta R.T. 0.000 min  
Lab File: BN013629.D  
Acq: 15 Feb 2021 18:08

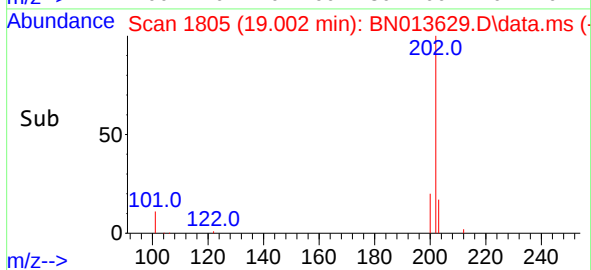
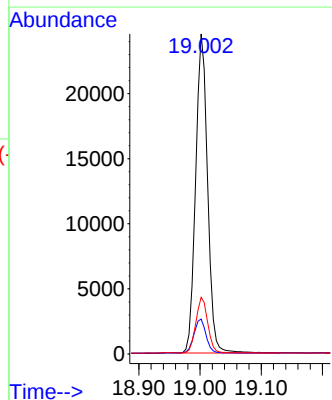
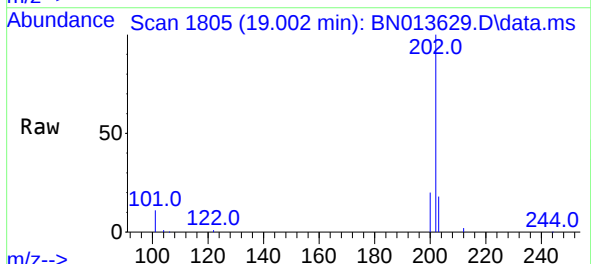
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

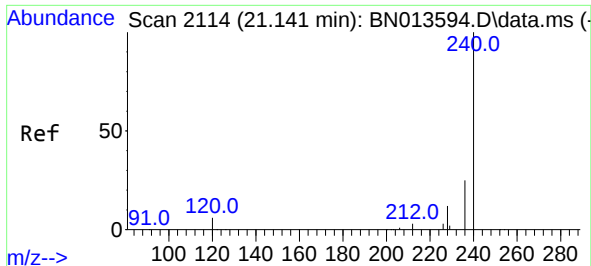
Tgt Ion:212 Resp: 30262  
Ion Ratio Lower Upper  
212 100  
106 13.0 9.7 14.5  
104 7.2 5.5 8.3



#28  
Fluoranthene  
Concen: 0.38 ng  
RT: 19.002 min Scan# 1805  
Delta R.T. -0.005 min  
Lab File: BN013629.D  
Acq: 15 Feb 2021 18:08

Tgt Ion:202 Resp: 33215  
Ion Ratio Lower Upper  
202 100  
101 11.1 8.1 12.1  
203 17.4 13.9 20.9

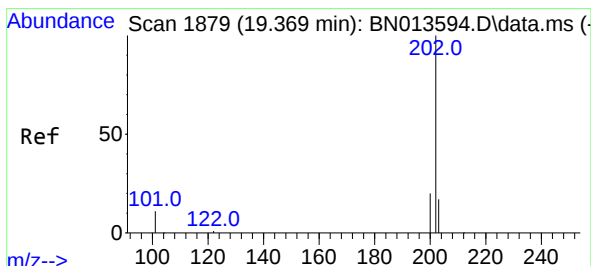
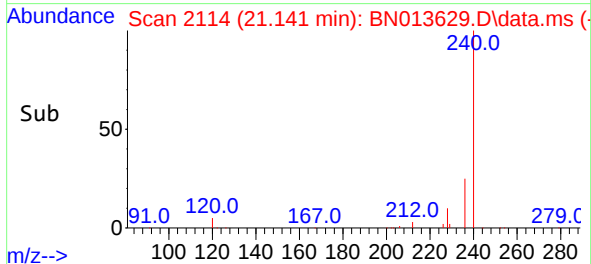
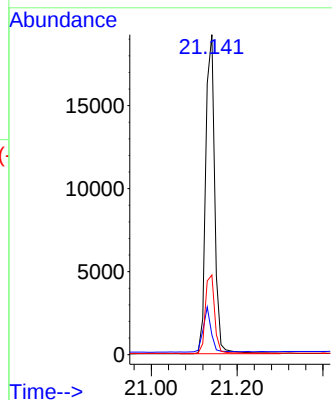
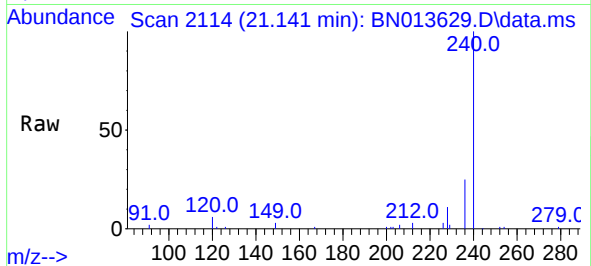




#29  
Chrysene-d12  
Concen: 0.40 ng  
RT: 21.141 min Scan# 2114  
Delta R.T. 0.000 min  
Lab File: BN013629.D  
Acq: 15 Feb 2021 18:08

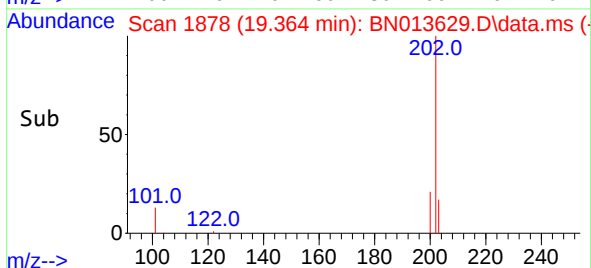
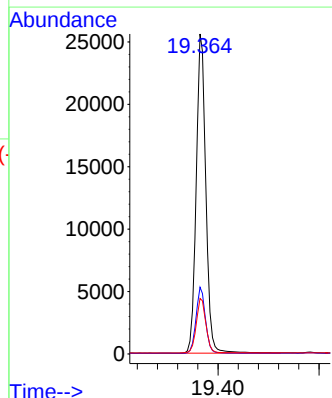
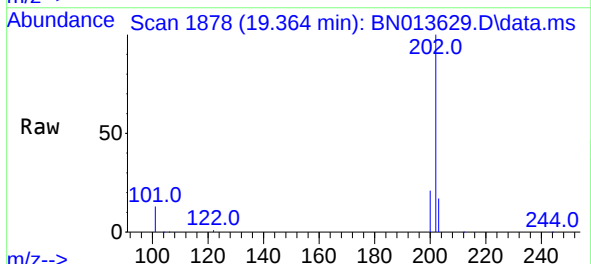
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

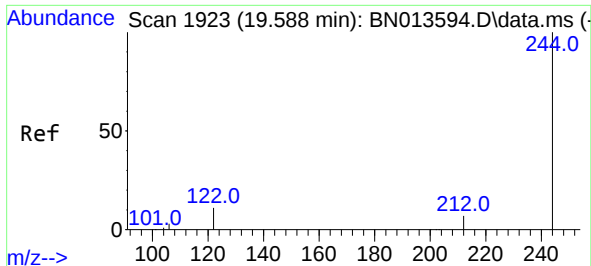
Tgt Ion:240 Resp: 28050  
Ion Ratio Lower Upper  
240 100  
120 6.2 10.2 15.4#  
236 24.9 21.3 31.9



#30  
Pyrene  
Concen: 0.40 ng  
RT: 19.364 min Scan# 1878  
Delta R.T. -0.005 min  
Lab File: BN013629.D  
Acq: 15 Feb 2021 18:08

Tgt Ion:202 Resp: 33730  
Ion Ratio Lower Upper  
202 100  
200 20.3 16.3 24.5  
203 17.5 14.0 21.0

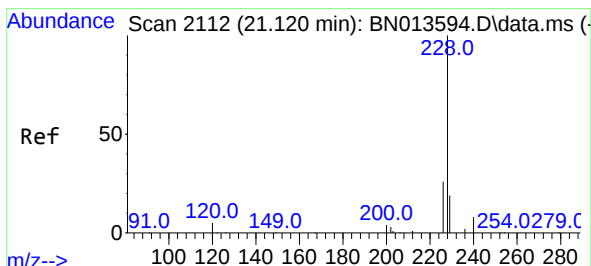
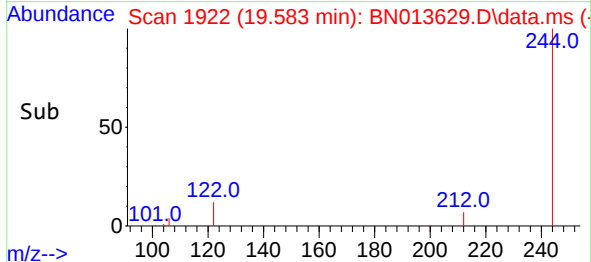
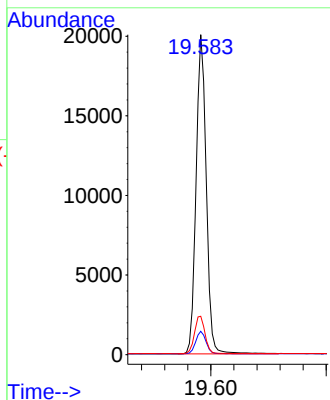
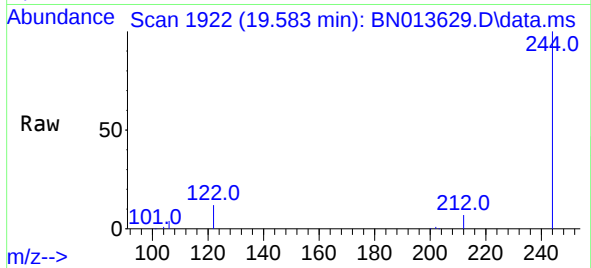




#31  
Terphenyl-d14  
Concen: 0.40 ng  
RT: 19.583 min Scan# 1922  
Delta R.T. -0.005 min  
Lab File: BN013629.D  
Acq: 15 Feb 2021 18:08

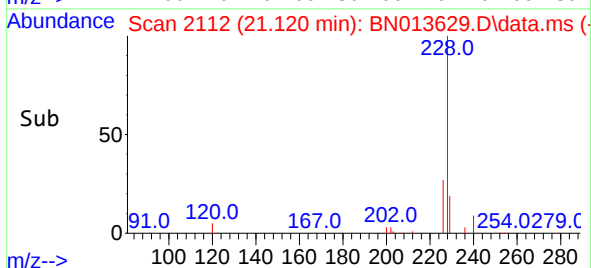
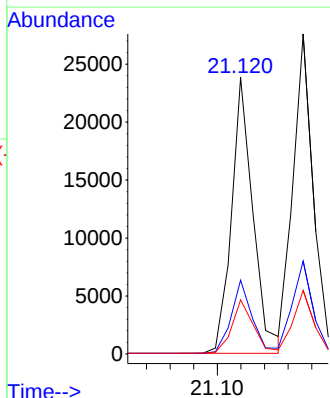
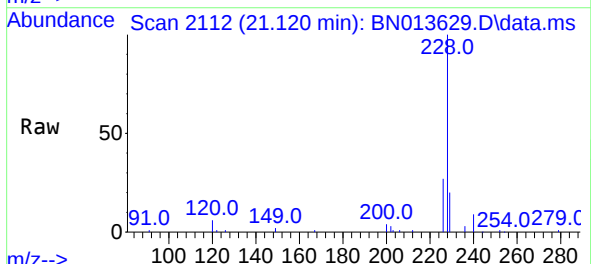
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

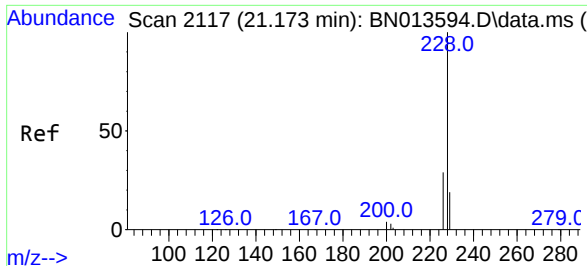
Tgt Ion:244 Resp: 24693  
Ion Ratio Lower Upper  
244 100  
212 7.3 6.1 9.1  
122 12.0 9.8 14.8



#32  
Benzo(a)anthracene  
Concen: 0.40 ng  
RT: 21.120 min Scan# 2112  
Delta R.T. 0.000 min  
Lab File: BN013629.D  
Acq: 15 Feb 2021 18:08

Tgt Ion:228 Resp: 30167  
Ion Ratio Lower Upper  
228 100  
226 26.7 20.5 30.7  
229 19.6 16.2 24.4

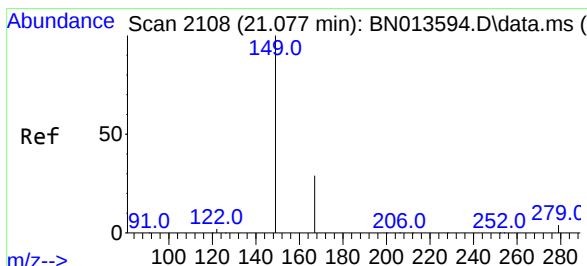
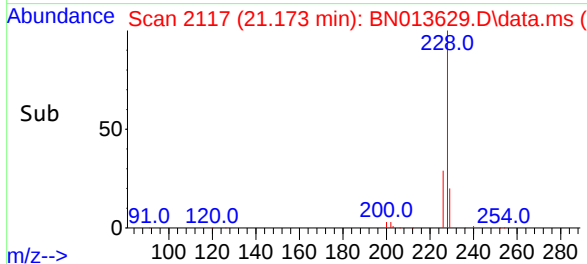
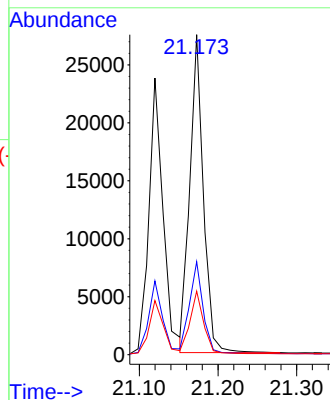
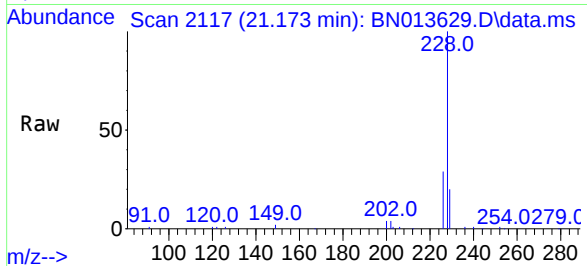




#33  
Chrysene  
Concen: 0.39 ng  
RT: 21.173 min Scan# 2117  
Delta R.T. 0.000 min  
Lab File: BN013629.D  
Acq: 15 Feb 2021 18:08

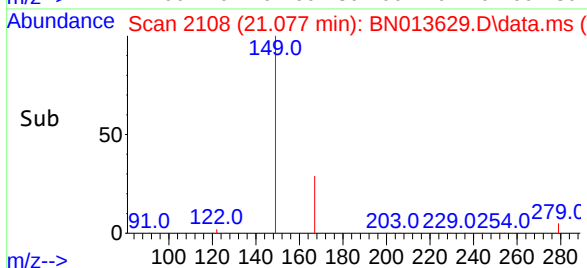
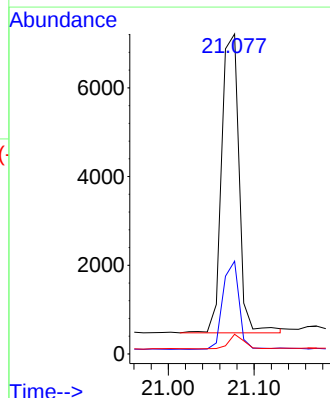
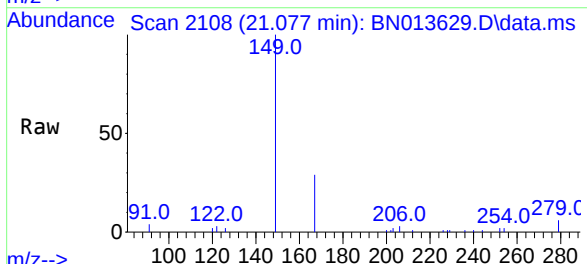
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

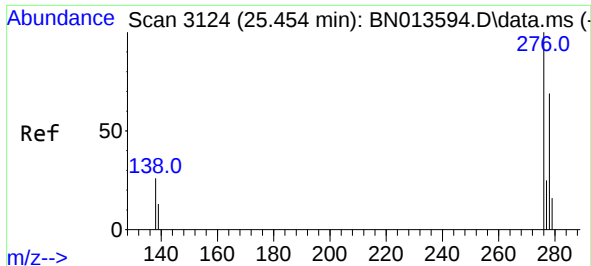
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 228   | Resp: | 33017 |
| Ion Ratio | Lower | Upper |       |
| 228       | 100   |       |       |
| 226       | 29.1  | 24.3  | 36.5  |
| 229       | 19.9  | 15.1  | 22.7  |



#34  
Bis(2-ethylhexyl)phthalate  
Concen: 0.43 ng  
RT: 21.077 min Scan# 2108  
Delta R.T. 0.000 min  
Lab File: BN013629.D  
Acq: 15 Feb 2021 18:08

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 149   | Resp: | 9519 |
| Ion Ratio | Lower | Upper |      |
| 149       | 100   |       |      |
| 167       | 27.4  | 22.1  | 33.1 |
| 279       | 4.2   | 3.5   | 5.3  |

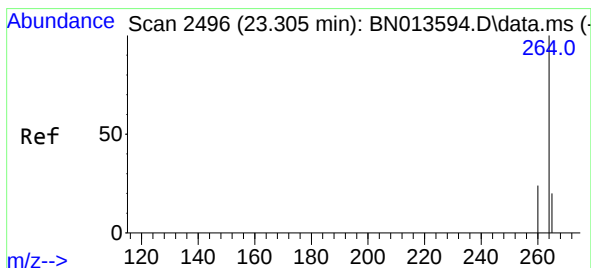
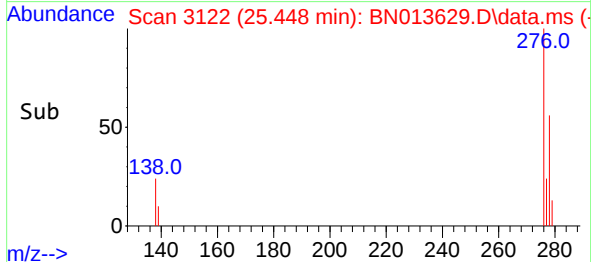
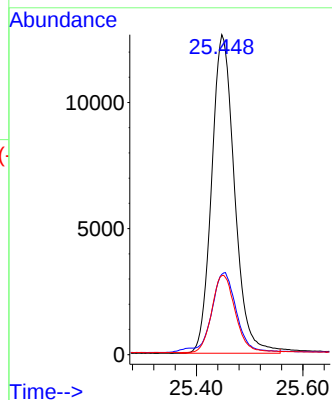
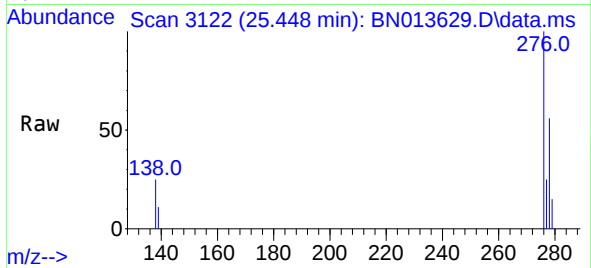




#35  
Indeno(1,2,3-cd)pyrene  
Concen: 0.42 ng  
RT: 25.448 min Scan# 3122  
Delta R.T. -0.007 min  
Lab File: BN013629.D  
Acq: 15 Feb 2021 18:08

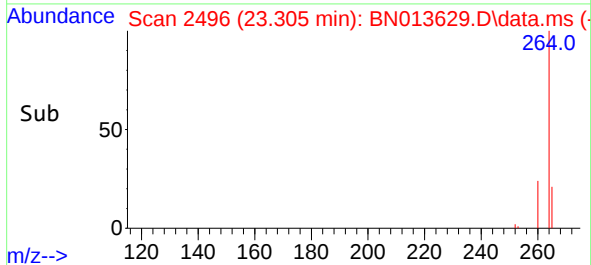
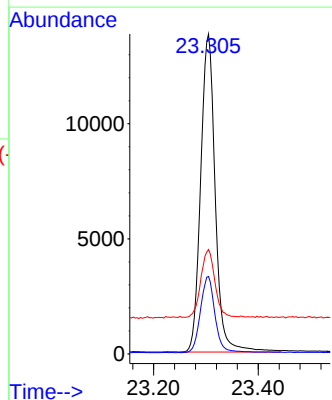
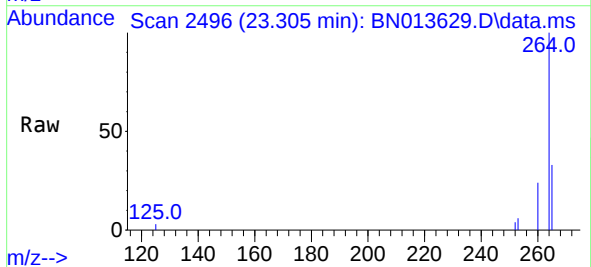
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

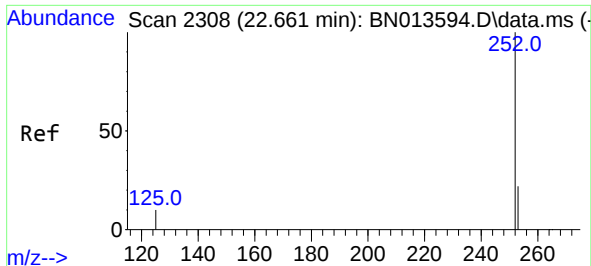
Tgt Ion:276 Resp: 37729  
Ion Ratio Lower Upper  
276 100  
138 25.8 19.8 29.6  
277 24.9 19.9 29.9



#36  
Perylene-d12  
Concen: 0.40 ng  
RT: 23.305 min Scan# 2496  
Delta R.T. 0.000 min  
Lab File: BN013629.D  
Acq: 15 Feb 2021 18:08

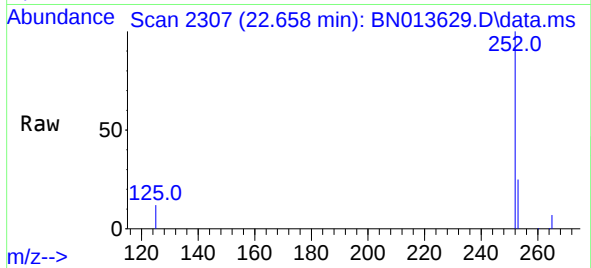
Tgt Ion:264 Resp: 26746  
Ion Ratio Lower Upper  
264 100  
260 24.2 19.3 28.9  
265 32.7 66.2 99.4#



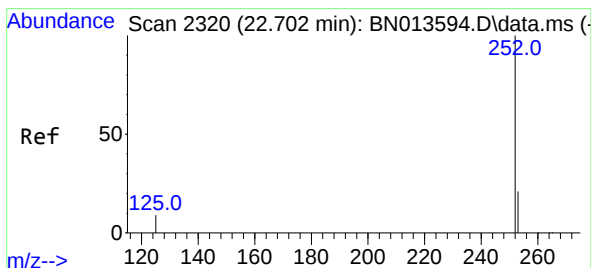
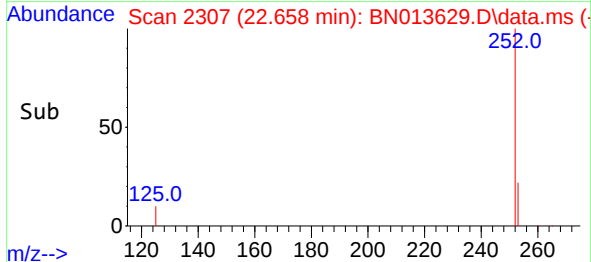
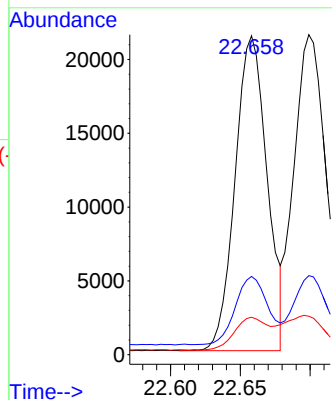


#37  
Benzo(b)fluoranthene  
Concen: 0.37 ng  
RT: 22.658 min Scan# 2307  
Delta R.T. -0.003 min  
Lab File: BN013629.D  
Acq: 15 Feb 2021 18:08

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

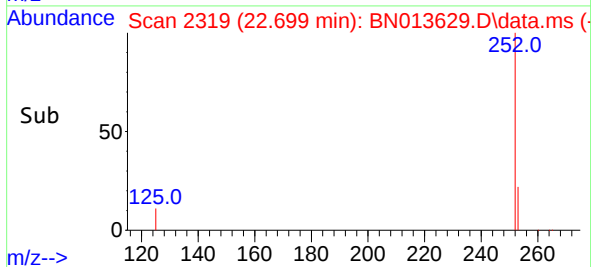
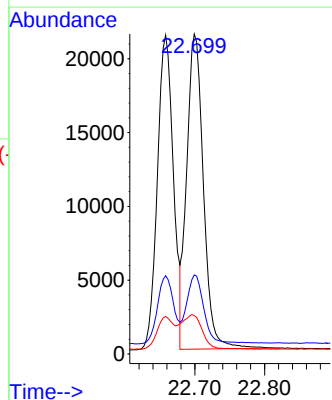
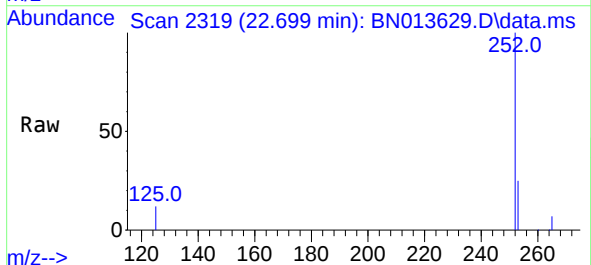


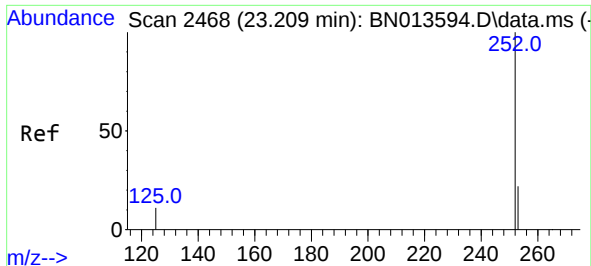
Tgt Ion:252 Resp: 34061  
Ion Ratio Lower Upper  
252 100  
253 24.6 20.4 30.6  
125 11.8 11.6 17.4



#38  
Benzo(k)fluoranthene  
Concen: 0.38 ng  
RT: 22.699 min Scan# 2319  
Delta R.T. -0.003 min  
Lab File: BN013629.D  
Acq: 15 Feb 2021 18:08

Tgt Ion:252 Resp: 35547  
Ion Ratio Lower Upper  
252 100  
253 24.7 20.5 30.7  
125 12.0 12.3 18.5#





#39

Benzo(a)pyrene

Concen: 0.39 ng

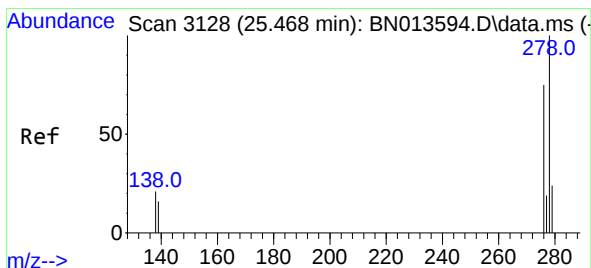
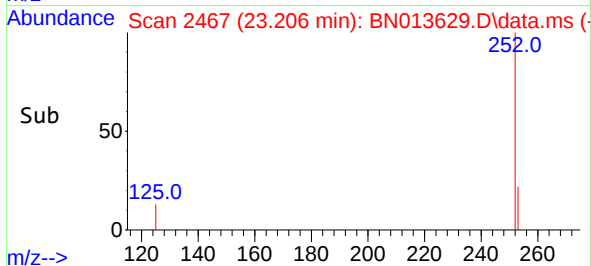
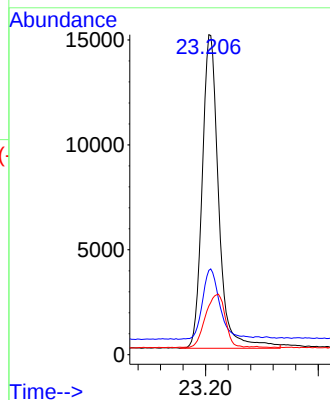
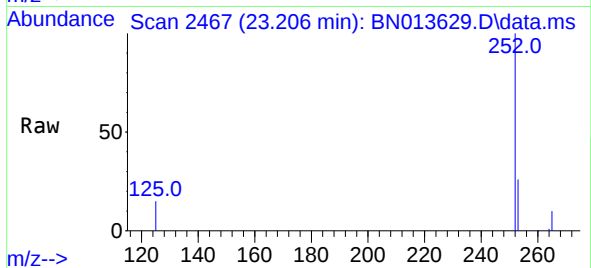
RT: 23.206 min Scan# 2467

Delta R.T. -0.003 min

Lab File: BN013629.D

Acq: 15 Feb 2021 18:08

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 252   | Resp: | 30447 |
| Ion Ratio | Lower | Upper |       |
| 252       | 100   |       |       |
| 253       | 26.4  | 21.8  | 32.6  |
| 125       | 15.2  | 14.6  | 21.8  |



#40

Dibenzo(a,h)anthracene

Concen: 0.37 ng

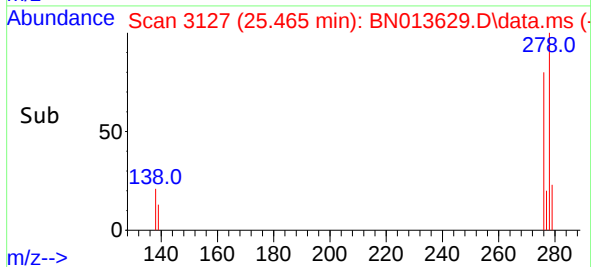
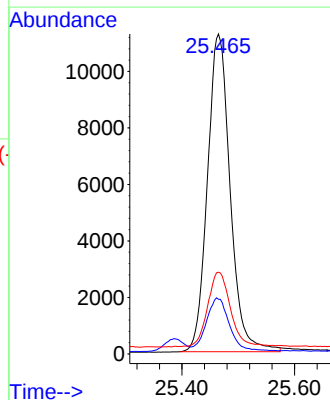
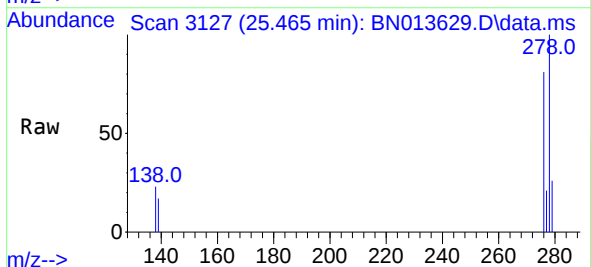
RT: 25.465 min Scan# 3127

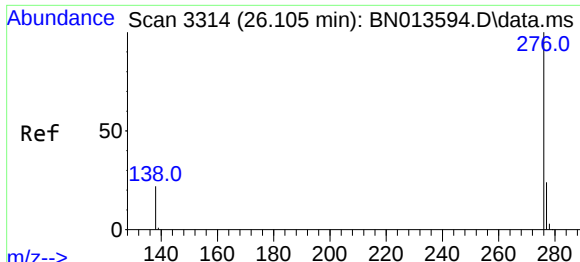
Delta R.T. -0.003 min

Lab File: BN013629.D

Acq: 15 Feb 2021 18:08

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 278   | Resp: | 31535 |
| Ion Ratio | Lower | Upper |       |
| 278       | 100   |       |       |
| 139       | 17.1  | 13.1  | 19.7  |
| 279       | 25.5  | 21.4  | 32.0  |





#41  
Benzo(g,h,i)perylene  
Concen: 0.37 ng  
RT: 26.101 min Scan# 3313  
Delta R.T. -0.003 min  
Lab File: BN013629.D  
Acq: 15 Feb 2021 18:08

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 276   | Resp: | 32517 |
| Ion Ratio | Lower | Upper |       |
| 276       | 100   |       |       |
| 277       | 24.6  | 20.0  | 30.0  |
| 138       | 22.8  | 17.8  | 26.8  |

