

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN101421\  
 Data File : BN016958.D  
 Acq On : 14 Oct 2021 19:27  
 Operator : CG/JU  
 Sample : PB139115BS  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB139115BS

Quant Time: Oct 15 01:44:00 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

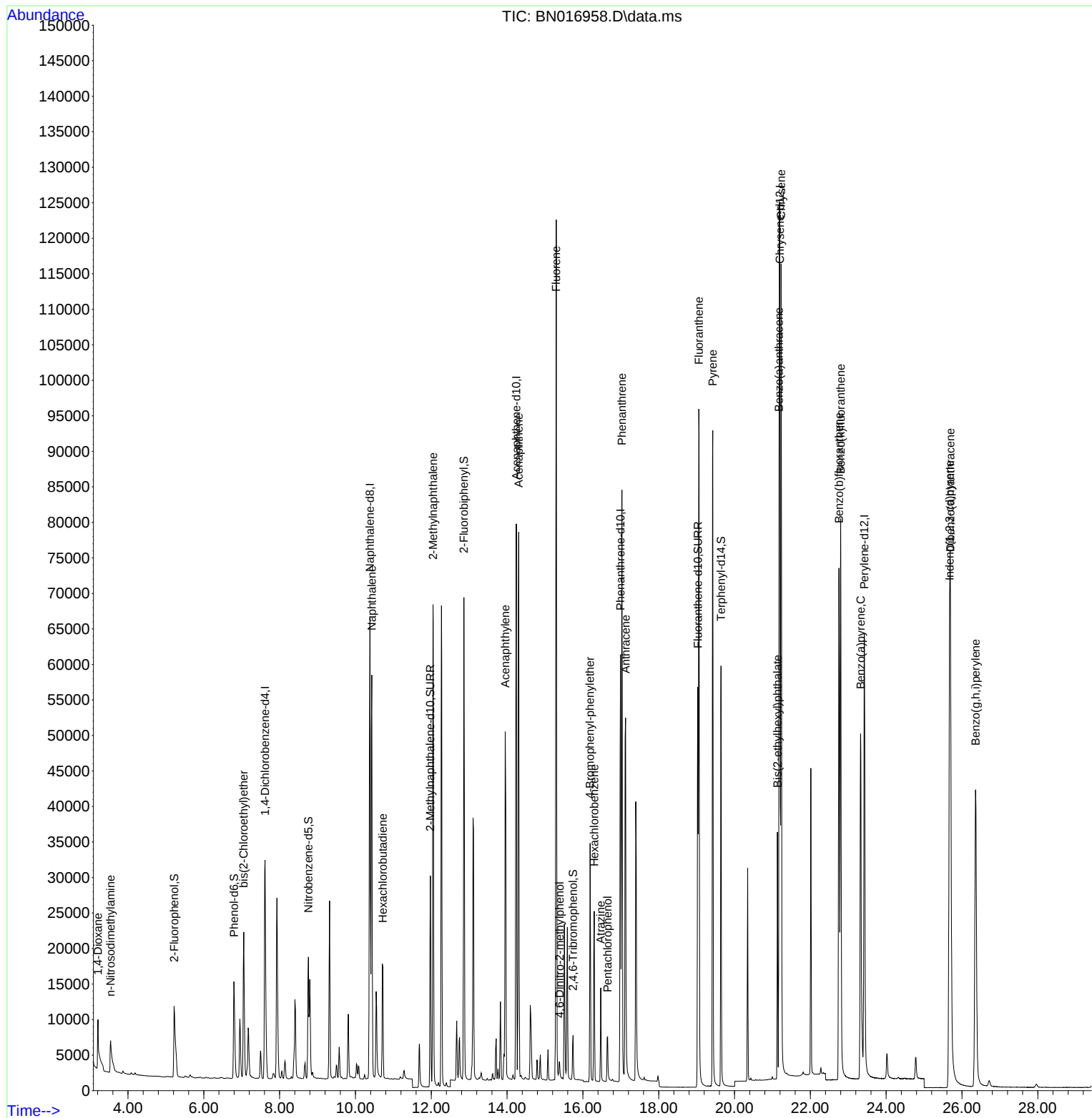
| Compound                      | R.T.   | QIon | Response | Conc | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|------|--------|----------|
| -----                         |        |      |          |      |        |          |
| Internal Standards            |        |      |          |      |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.615  | 152  | 19989    | 0.40 | ng     | 0.00     |
| 7) Naphthalene-d8             | 10.381 | 136  | 88211    | 0.40 | ng     | 0.00     |
| 13) Acenaphthene-d10          | 14.243 | 164  | 46015    | 0.40 | ng     | 0.00     |
| 19) Phenanthrene-d10          | 16.993 | 188  | 84493    | 0.40 | ng     | 0.00     |
| 29) Chrysene-d12              | 21.196 | 240  | 83001    | 0.40 | ng     | 0.00     |
| 35) Perylene-d12              | 23.426 | 264  | 84677    | 0.40 | ng     | 0.00     |
| System Monitoring Compounds   |        |      |          |      |        |          |
| 4) 2-Fluorophenol             | 5.217  | 112  | 15713    | 0.32 | ng     | 0.00     |
| 5) Phenol-d6                  | 6.794  | 99   | 17155    | 0.31 | ng     | 0.00     |
| 8) Nitrobenzene-d5            | 8.759  | 82   | 16091    | 0.29 | ng     | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 11.976 | 152  | 40864    | 0.33 | ng     | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.740 | 330  | 5669     | 0.27 | ng     | 0.00     |
| 15) 2-Fluorobiphenyl          | 12.860 | 172  | 59379    | 0.34 | ng     | 0.00     |
| 27) Fluoranthene-d10          | 19.033 | 212  | 68415    | 0.32 | ng     | 0.00     |
| 31) Terphenyl-d14             | 19.644 | 244  | 61588    | 0.33 | ng     | 0.00     |
| Target Compounds              |        |      |          |      |        |          |
|                               |        |      |          |      | Qvalue |          |
| 2) 1,4-Dioxane                | 3.207  | 88   | 4062     | 0.31 | ng     | # 52     |
| 3) n-Nitrosodimethylamine     | 3.539  | 42   | 5083     | 0.31 | ng     | 99       |
| 6) bis(2-Chloroethyl)ether    | 7.052  | 93   | 18701    | 0.34 | ng     | 100      |
| 9) Naphthalene                | 10.432 | 128  | 80121    | 0.32 | ng     | 100      |
| 10) Hexachlorobutadiene       | 10.723 | 225  | 14985    | 0.33 | ng     | # 100    |
| 12) 2-Methylnaphthalene       | 12.047 | 142  | 50071    | 0.34 | ng     | 99       |
| 16) Acenaphthylene            | 13.952 | 152  | 58922    | 0.31 | ng     | 100      |
| 17) Acenaphthene              | 14.307 | 154  | 42908    | 0.33 | ng     | 100      |
| 18) Fluorene                  | 15.296 | 166  | 50749    | 0.33 | ng     | 100      |
| 20) 4,6-Dinitro-2-methylph... | 15.385 | 198  | 2142     | 0.37 | ng     | 98       |
| 21) 4-Bromophenyl-phenylether | 16.190 | 248  | 16482    | 0.33 | ng     | 97       |
| 22) Hexachlorobenzene         | 16.299 | 284  | 19648    | 0.34 | ng     | 99       |
| 23) Atrazine                  | 16.470 | 200  | 9877     | 0.28 | ng     | 100      |
| 24) Pentachlorophenol         | 16.652 | 266  | 4099     | 0.34 | ng     | 100      |
| 25) Phenanthrene              | 17.030 | 178  | 82419    | 0.34 | ng     | 100      |
| 26) Anthracene                | 17.127 | 178  | 66074    | 0.32 | ng     | 100      |
| 28) Fluoranthene              | 19.058 | 202  | 89523    | 0.34 | ng     | 100      |
| 30) Pyrene                    | 19.425 | 202  | 88440    | 0.34 | ng     | 100      |
| 32) Benzo(a)anthracene        | 21.174 | 228  | 82264    | 0.33 | ng     | 100      |
| 33) Chrysene                  | 21.227 | 228  | 94148    | 0.35 | ng     | 100      |
| 34) Bis(2-ethylhexyl)phtha... | 21.132 | 149  | 28188    | 0.34 | ng     | 100      |
| 36) Indeno(1,2,3-cd)pyrene    | 25.672 | 276  | 105382   | 0.34 | ng     | 99       |
| 37) Benzo(b)fluoranthene      | 22.755 | 252  | 90056    | 0.32 | ng     | 100      |
| 38) Benzo(k)fluoranthene      | 22.800 | 252  | 96457    | 0.35 | ng     | 99       |
| 39) Benzo(a)pyrene            | 23.327 | 252  | 80808    | 0.33 | ng     | 100      |
| 40) Dibenzo(a,h)anthracene    | 25.696 | 278  | 85333    | 0.34 | ng     | 99       |
| 41) Benzo(g,h,i)perylene      | 26.360 | 276  | 92137    | 0.33 | ng     | 100      |
| -----                         |        |      |          |      |        |          |

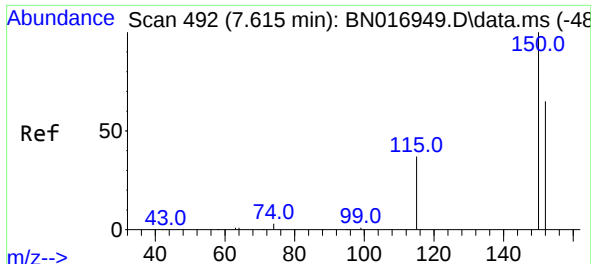
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN101421\  
Data File : BN016958.D  
Acq On : 14 Oct 2021 19:27  
Operator : CG/JU  
Sample : PB139115BS  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
PB139115BS

Quant Time: Oct 15 01:44:00 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

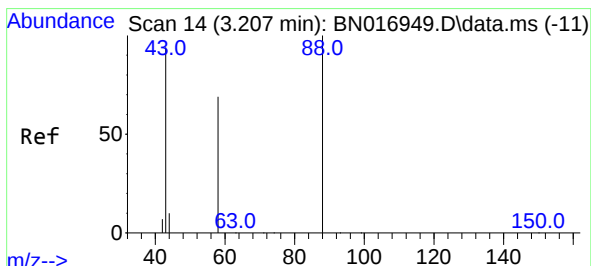
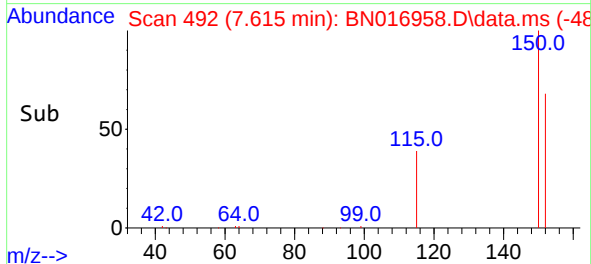
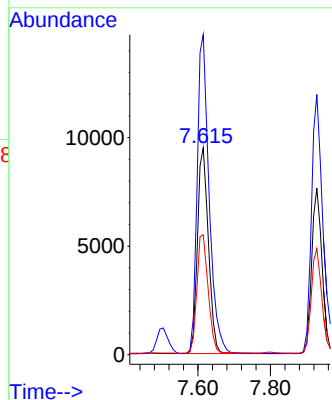
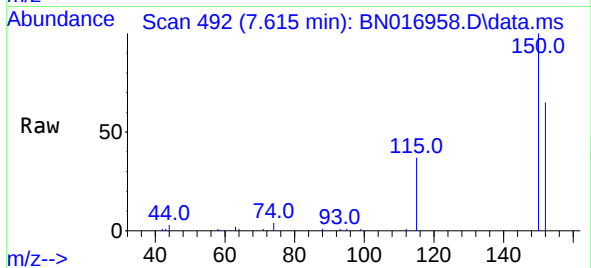




#1  
1,4-Dichlorobenzene-d4  
Concen: 0.40 ng  
RT: 7.615 min Scan# 492  
Delta R.T. -0.000 min  
Lab File: BN016958.D  
Acq: 14 Oct 2021 19:27

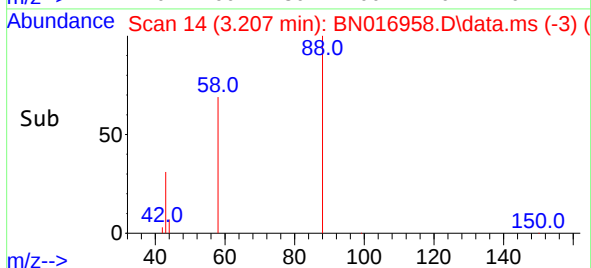
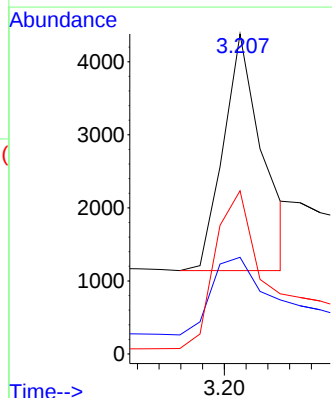
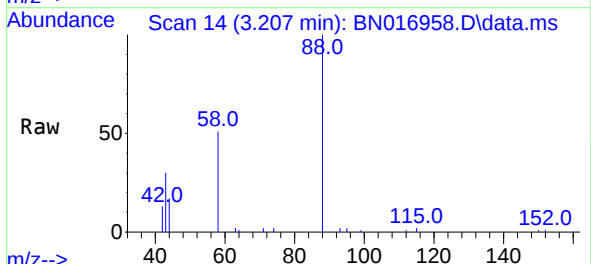
Instrument :  
BNA\_N  
ClientSampleId :  
PB139115BS

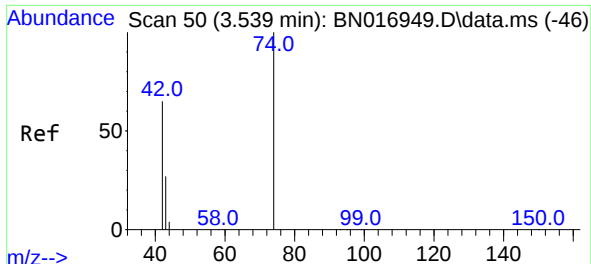
Tgt Ion:152 Resp: 19989  
Ion Ratio Lower Upper  
152 100  
150 154.7 122.2 183.4  
115 58.0 46.1 69.1



#2  
1,4-Dioxane  
Concen: 0.31 ng  
RT: 3.207 min Scan# 14  
Delta R.T. -0.000 min  
Lab File: BN016958.D  
Acq: 14 Oct 2021 19:27

Tgt Ion: 88 Resp: 4062  
Ion Ratio Lower Upper  
88 100  
43 44.1 107.1 160.7#  
58 78.5 62.4 93.6



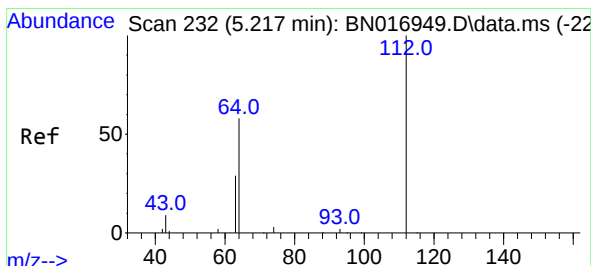
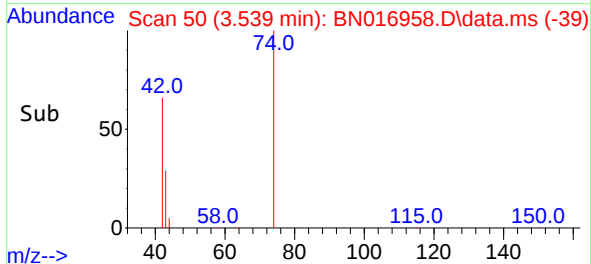
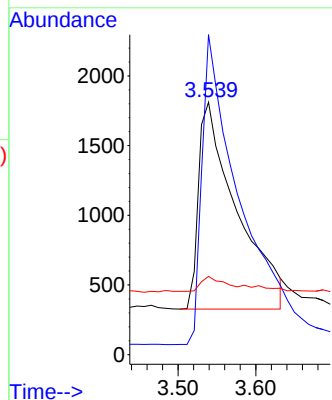
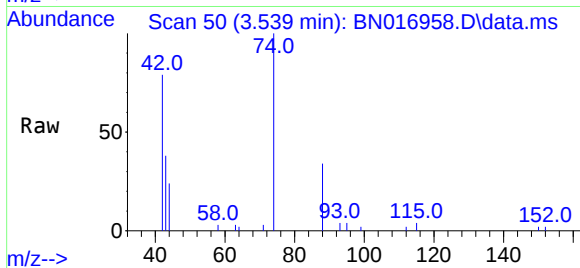


#3  
n-Nitrosodimethylamine  
Concen: 0.31 ng  
RT: 3.539 min Scan# 50  
Delta R.T. -0.000 min  
Lab File: BN016958.D  
Acq: 14 Oct 2021 19:27

Instrument :  
BNA\_N  
ClientSampleId :  
PB139115BS

Tgt Ion: 42 Resp: 5083

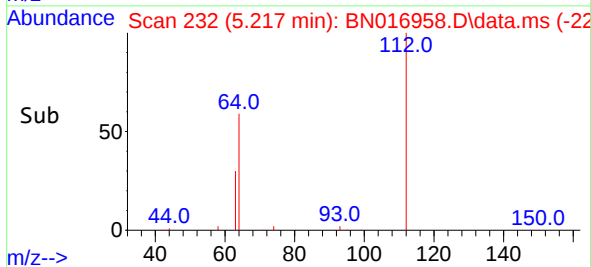
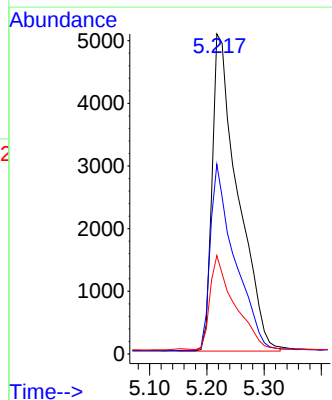
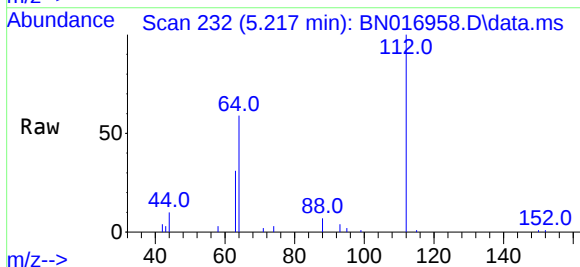
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 42  | 100   |       |       |
| 74  | 144.4 | 114.9 | 172.3 |
| 44  | 6.1   | 5.4   | 8.2   |

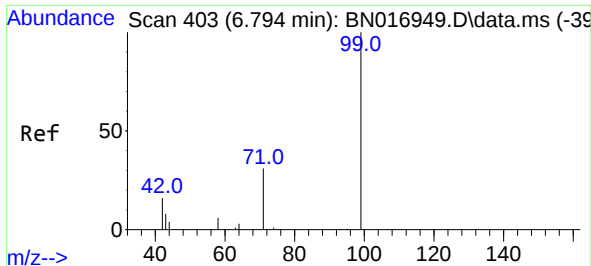


#4  
2-Fluorophenol  
Concen: 0.32 ng  
RT: 5.217 min Scan# 232  
Delta R.T. -0.000 min  
Lab File: BN016958.D  
Acq: 14 Oct 2021 19:27

Tgt Ion: 112 Resp: 15713

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 112 | 100   |       |       |
| 64  | 56.1  | 44.7  | 67.1  |
| 63  | 28.1  | 22.6  | 33.8  |

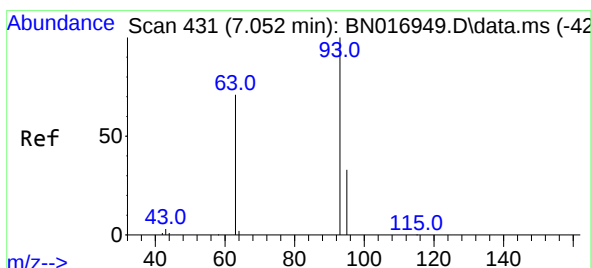
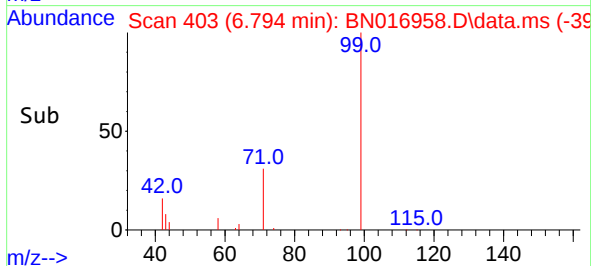
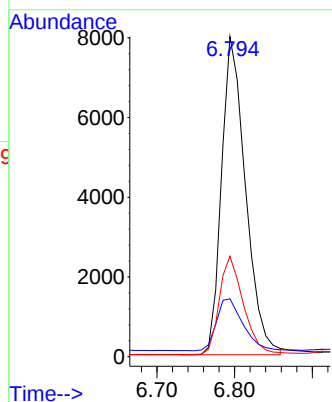
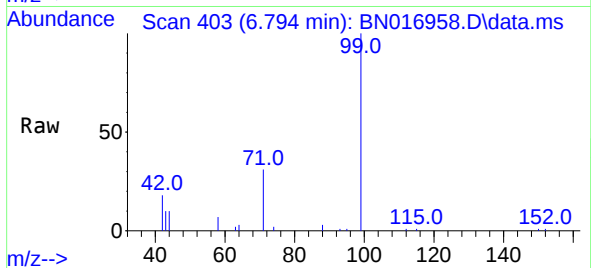




#5  
Phenol-d6  
Concen: 0.31 ng  
RT: 6.794 min Scan# 403  
Delta R.T. -0.000 min  
Lab File: BN016958.D  
Acq: 14 Oct 2021 19:27

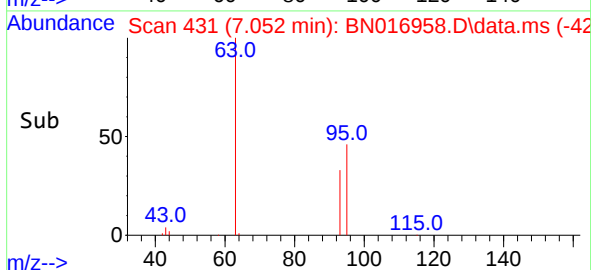
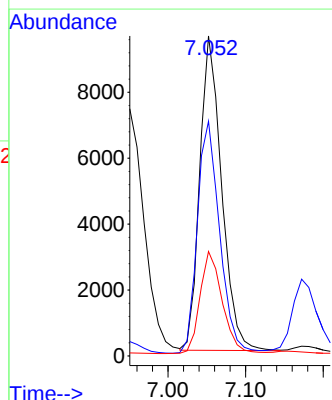
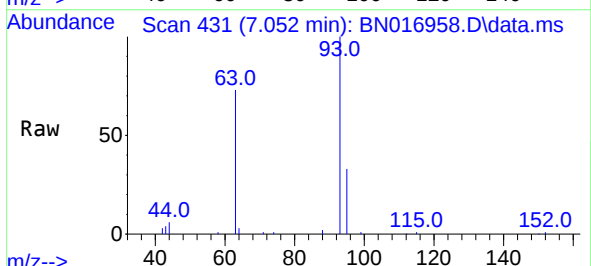
Instrument :  
BNA\_N  
ClientSampleId :  
PB139115BS

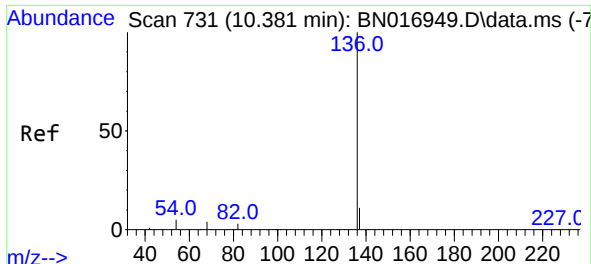
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 99    | Resp: | 17155 |
| Ion      | Ratio | Lower | Upper |
| 99       | 100   |       |       |
| 42       | 17.9  | 14.2  | 21.4  |
| 71       | 30.7  | 24.6  | 36.8  |



#6  
bis(2-Chloroethyl)ether  
Concen: 0.34 ng  
RT: 7.052 min Scan# 431  
Delta R.T. -0.000 min  
Lab File: BN016958.D  
Acq: 14 Oct 2021 19:27

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 93    | Resp: | 18701 |
| Ion      | Ratio | Lower | Upper |
| 93       | 100   |       |       |
| 63       | 75.4  | 60.0  | 90.0  |
| 95       | 32.9  | 26.5  | 39.7  |

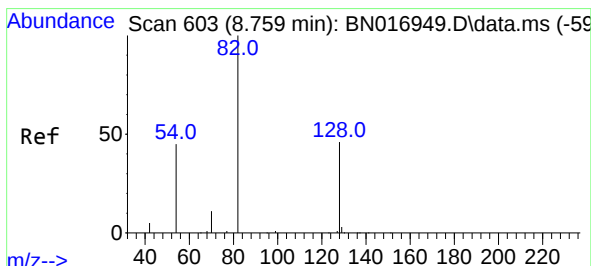
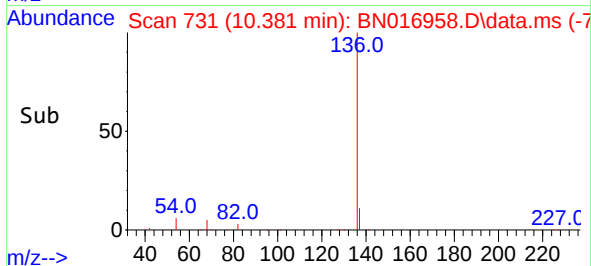
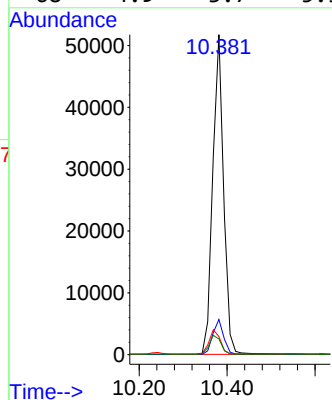
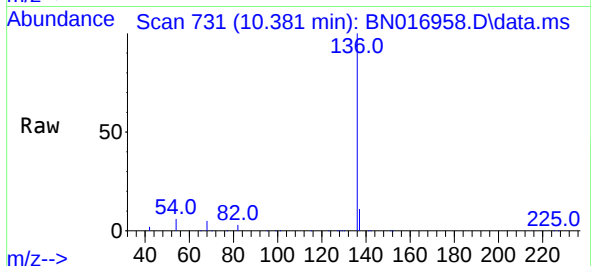




#7  
Naphthalene-d8  
Concen: 0.40 ng  
RT: 10.381 min Scan# 731  
Delta R.T. -0.000 min  
Lab File: BN016958.D  
Acq: 14 Oct 2021 19:27

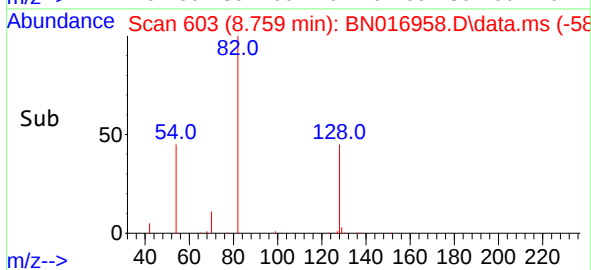
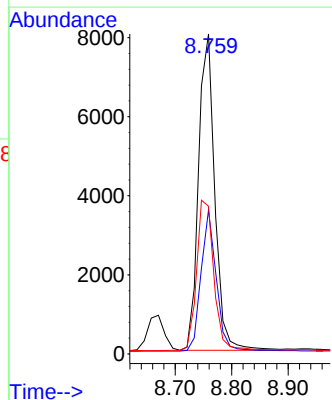
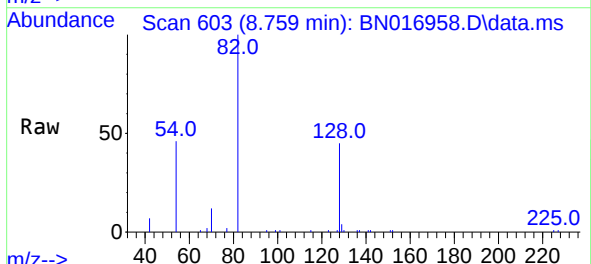
Instrument :  
BNA\_N  
ClientSampleId :  
PB139115BS

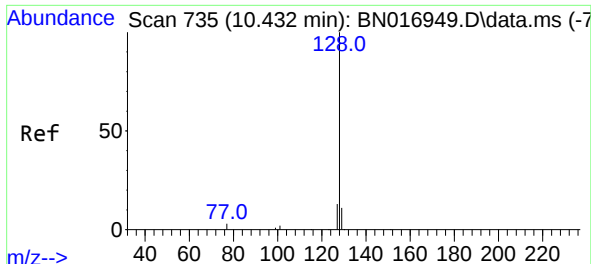
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 136   | Resp: | 88211 |
| Ion Ratio | Lower | Upper |       |
| 136       | 100   |       |       |
| 137       | 11.0  | 8.8   | 13.2  |
| 54        | 5.7   | 4.3   | 6.5   |
| 68        | 4.9   | 3.7   | 5.5   |



#8  
Nitrobenzene-d5  
Concen: 0.29 ng  
RT: 8.759 min Scan# 603  
Delta R.T. -0.000 min  
Lab File: BN016958.D  
Acq: 14 Oct 2021 19:27

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 82    | Resp: | 16091 |
| Ion Ratio | Lower | Upper |       |
| 82        | 100   |       |       |
| 128       | 45.0  | 37.0  | 55.4  |
| 54        | 46.1  | 36.2  | 54.4  |

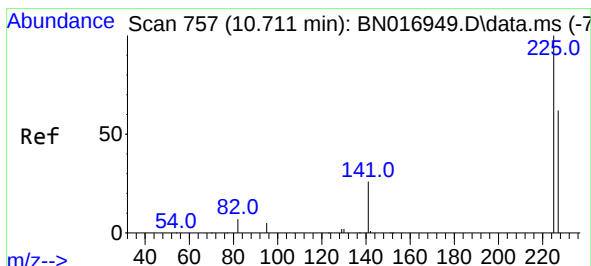
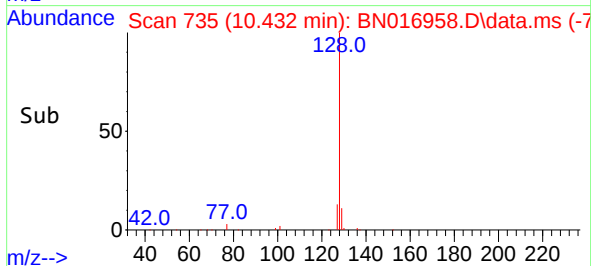
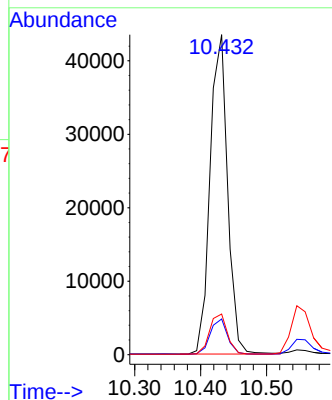
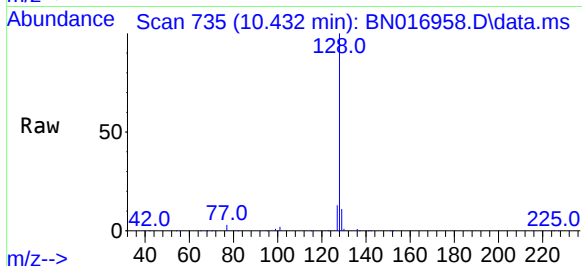




#9  
Naphthalene  
Concen: 0.32 ng  
RT: 10.432 min Scan# 735  
Delta R.T. -0.000 min  
Lab File: BN016958.D  
Acq: 14 Oct 2021 19:27

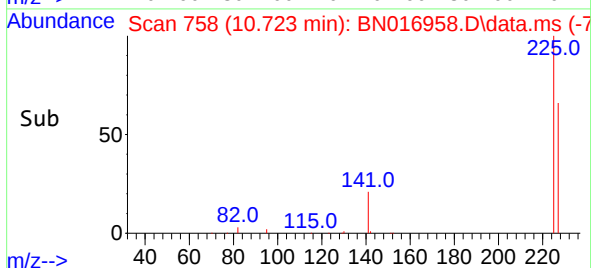
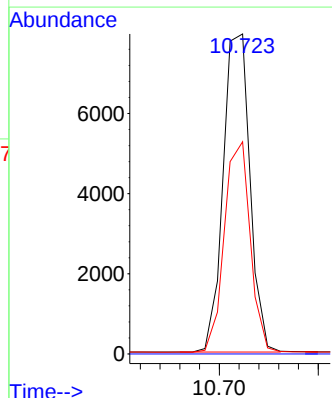
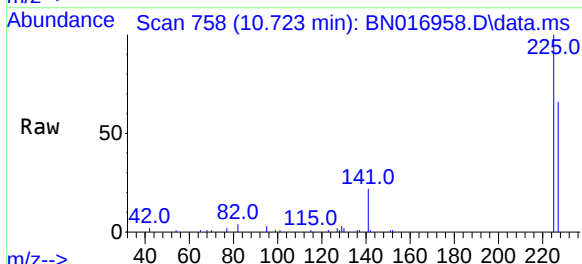
Instrument :  
BNA\_N  
ClientSampleId :  
PB139115BS

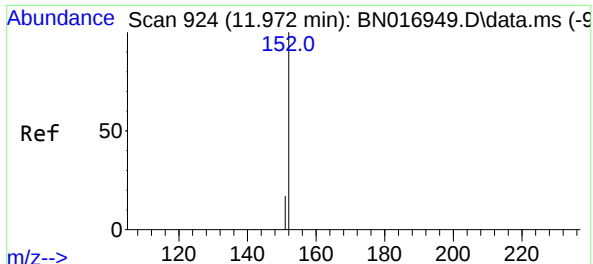
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 128   | Resp: | 80121 |
| Ion      | Ratio | Lower | Upper |
| 128      | 100   |       |       |
| 129      | 11.1  | 8.9   | 13.3  |
| 127      | 12.7  | 10.2  | 15.2  |



#10  
Hexachlorobutadiene  
Concen: 0.33 ng  
RT: 10.723 min Scan# 758  
Delta R.T. 0.013 min  
Lab File: BN016958.D  
Acq: 14 Oct 2021 19:27

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 225   | Resp: | 14985 |
| Ion      | Ratio | Lower | Upper |
| 225      | 100   |       |       |
| 223      | 0.0   | 0.0   | 0.0   |
| 227      | 63.7  | 51.2  | 76.8  |

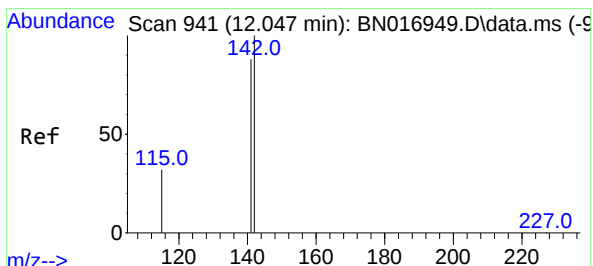
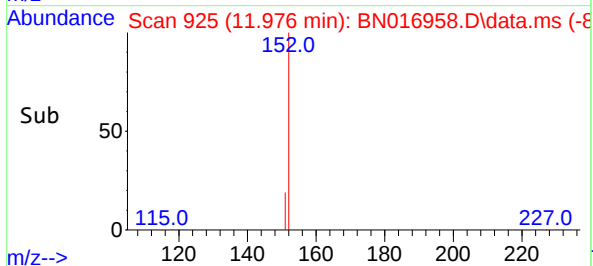
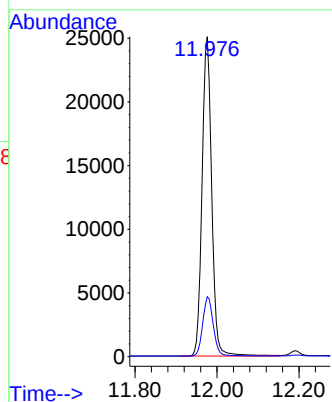
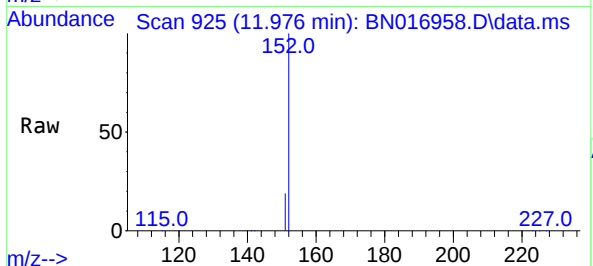




#11  
2-Methylnaphthalene-d10  
Concen: 0.33 ng  
RT: 11.976 min Scan# 925  
Delta R.T. 0.004 min  
Lab File: BN016958.D  
Acq: 14 Oct 2021 19:27

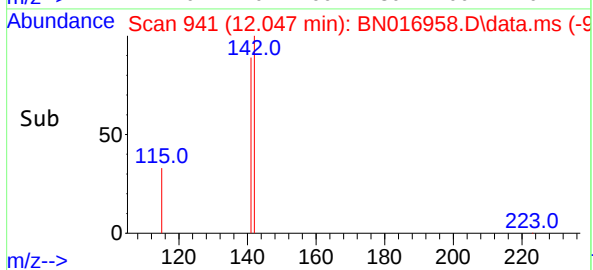
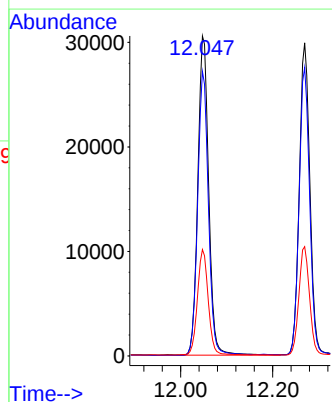
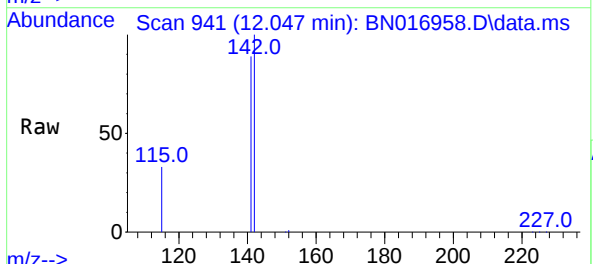
Instrument :  
BNA\_N  
ClientSampleId :  
PB139115BS

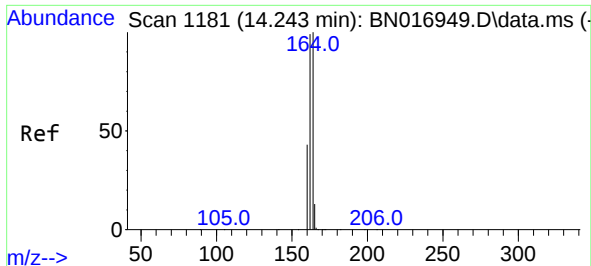
Tgt Ion:152 Resp: 40864  
Ion Ratio Lower Upper  
152 100  
151 20.4 16.3 24.5



#12  
2-Methylnaphthalene  
Concen: 0.34 ng  
RT: 12.047 min Scan# 941  
Delta R.T. -0.000 min  
Lab File: BN016958.D  
Acq: 14 Oct 2021 19:27

Tgt Ion:142 Resp: 50071  
Ion Ratio Lower Upper  
142 100  
141 88.9 70.2 105.4  
115 33.2 26.1 39.1



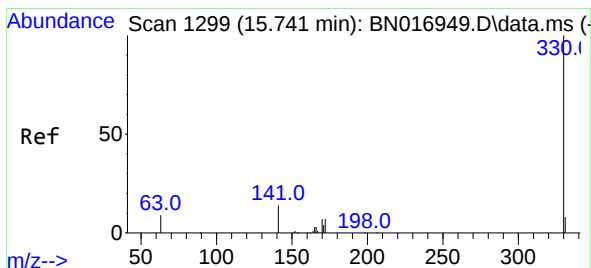
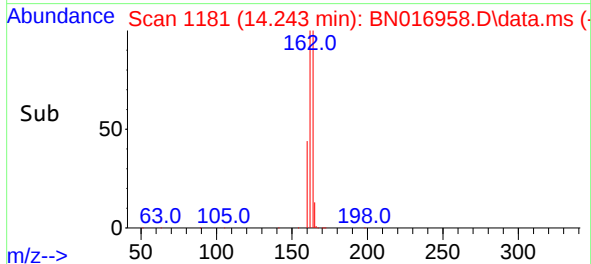
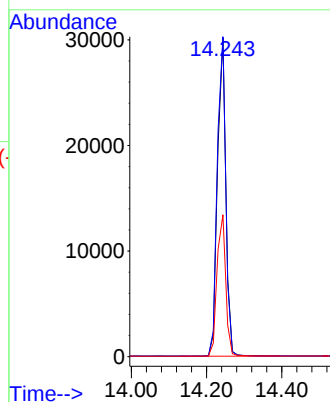
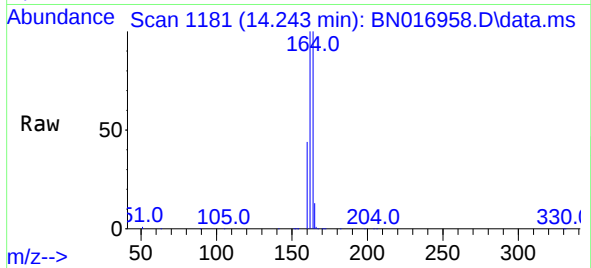


#13  
Acenaphthene-d10  
Concen: 0.40 ng  
RT: 14.243 min Scan# 1181  
Delta R.T. -0.000 min  
Lab File: BN016958.D  
Acq: 14 Oct 2021 19:27

Instrument :  
BNA\_N  
ClientSampleId :  
PB139115BS

Tgt Ion:164 Resp: 46015

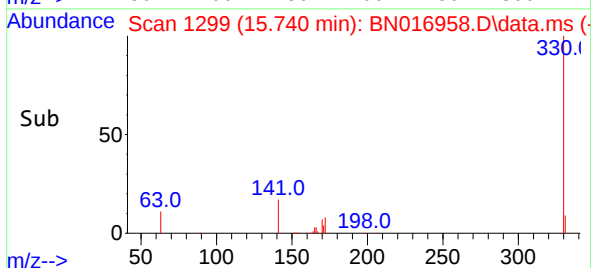
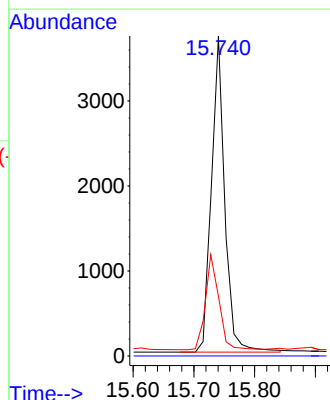
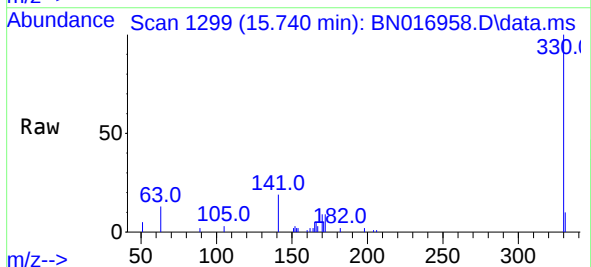
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 162 | 100.4 | 79.1  | 118.7 |
| 160 | 44.5  | 34.7  | 52.1  |

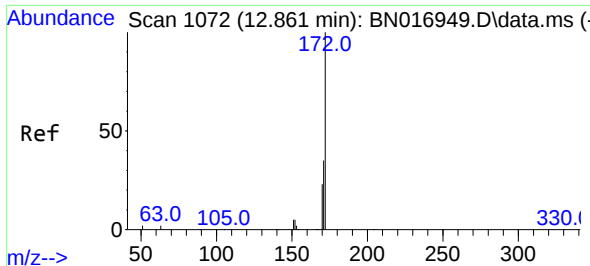


#14  
2,4,6-Tribromophenol  
Concen: 0.27 ng  
RT: 15.740 min Scan# 1299  
Delta R.T. -0.000 min  
Lab File: BN016958.D  
Acq: 14 Oct 2021 19:27

Tgt Ion:330 Resp: 5669

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 330 | 100   |       |       |
| 332 | 0.0   | 0.0   | 0.0   |
| 141 | 30.4  | 24.2  | 36.2  |

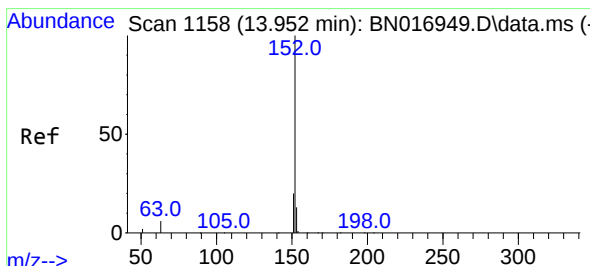
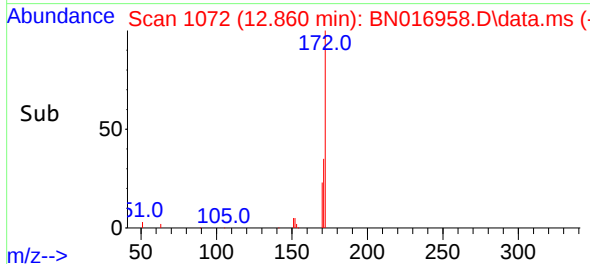
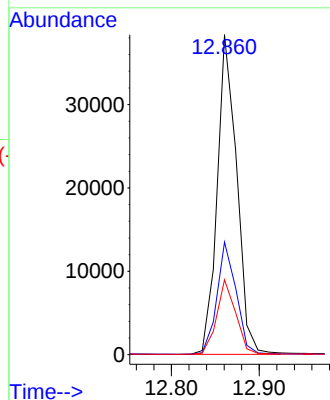
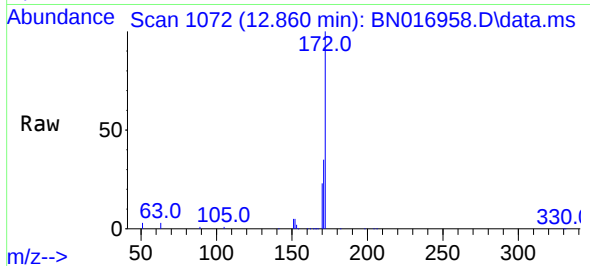




#15  
2-Fluorobiphenyl  
Concen: 0.34 ng  
RT: 12.860 min Scan# 1072  
Delta R.T. -0.000 min  
Lab File: BN016958.D  
Acq: 14 Oct 2021 19:27

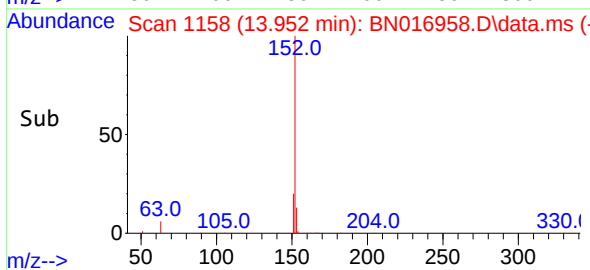
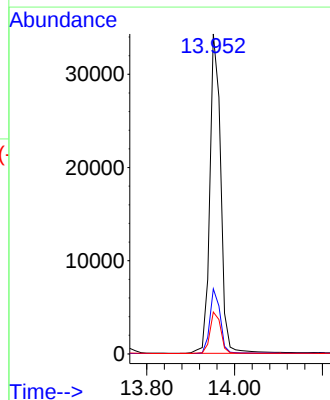
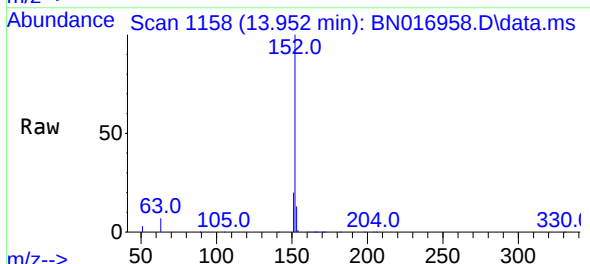
Instrument :  
BNA\_N  
ClientSampleId :  
PB139115BS

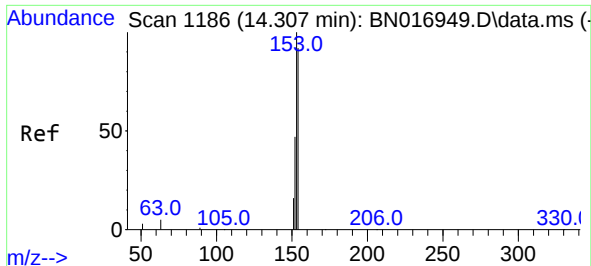
|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:172 | Resp: | 59379     |
| Ion Ratio   | Lower | Upper     |
| 172         | 100   |           |
| 171         | 35.2  | 27.9 41.9 |
| 170         | 23.4  | 18.6 27.8 |



#16  
Acenaphthylene  
Concen: 0.31 ng  
RT: 13.952 min Scan# 1158  
Delta R.T. -0.000 min  
Lab File: BN016958.D  
Acq: 14 Oct 2021 19:27

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:152 | Resp: | 58922     |
| Ion Ratio   | Lower | Upper     |
| 152         | 100   |           |
| 151         | 19.5  | 15.4 23.2 |
| 153         | 13.0  | 10.5 15.7 |

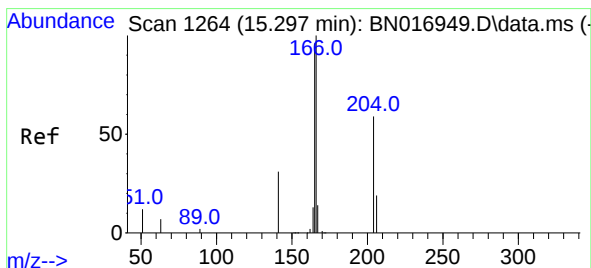
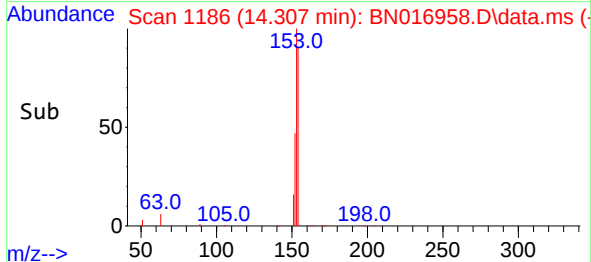
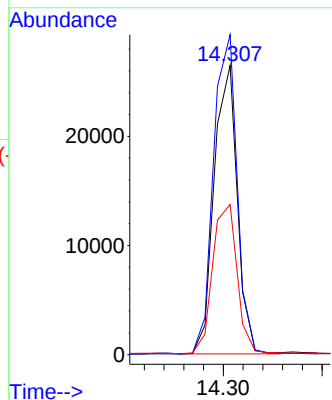
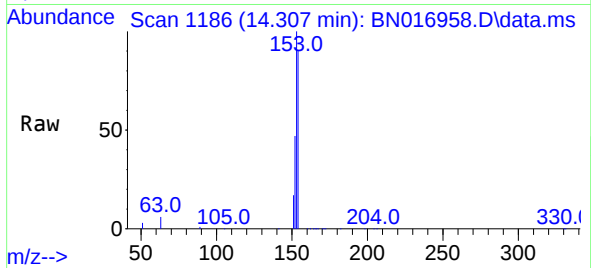




#17  
Acenaphthene  
Concen: 0.33 ng  
RT: 14.307 min Scan# 1186  
Delta R.T. -0.000 min  
Lab File: BN016958.D  
Acq: 14 Oct 2021 19:27

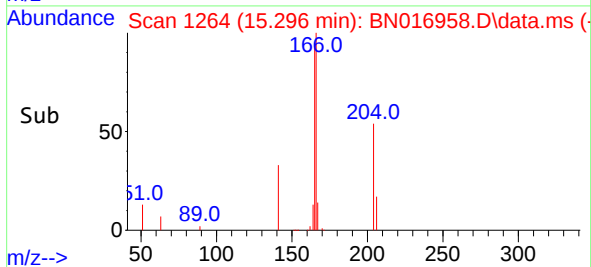
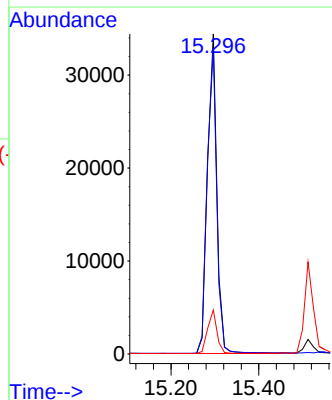
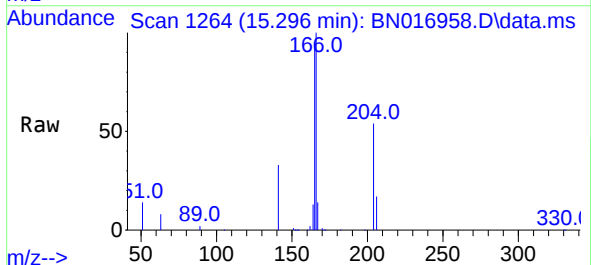
Instrument :  
BNA\_N  
ClientSampleId :  
PB139115BS

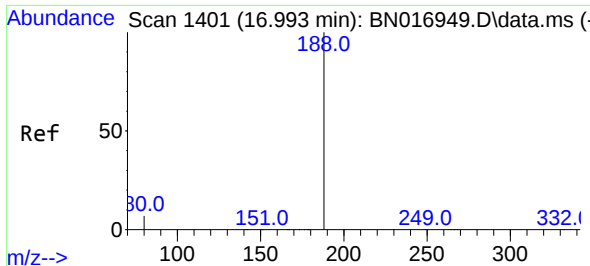
Tgt Ion:154 Resp: 42908  
Ion Ratio Lower Upper  
154 100  
153 113.1 90.6 135.8  
152 55.0 44.2 66.2



#18  
Fluorene  
Concen: 0.33 ng  
RT: 15.296 min Scan# 1264  
Delta R.T. -0.000 min  
Lab File: BN016958.D  
Acq: 14 Oct 2021 19:27

Tgt Ion:166 Resp: 50749  
Ion Ratio Lower Upper  
166 100  
165 97.6 78.4 117.6  
167 13.5 10.7 16.1

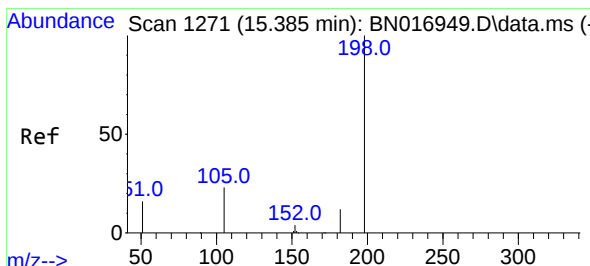
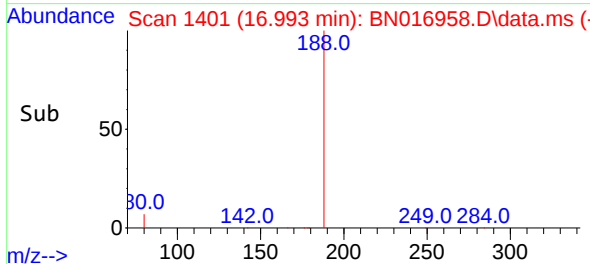
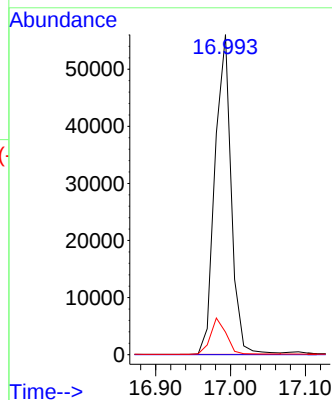
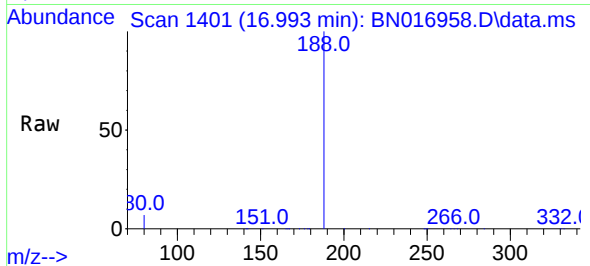




#19  
Phenanthrene-d10  
Concen: 0.40 ng  
RT: 16.993 min Scan# 1401  
Delta R.T. -0.000 min  
Lab File: BN016958.D  
Acq: 14 Oct 2021 19:27

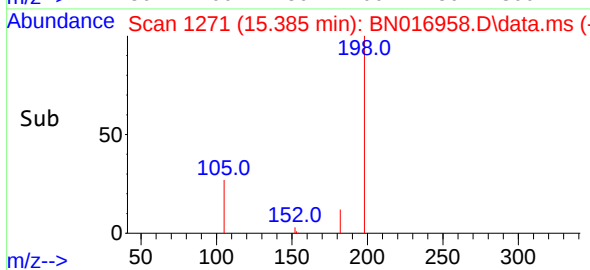
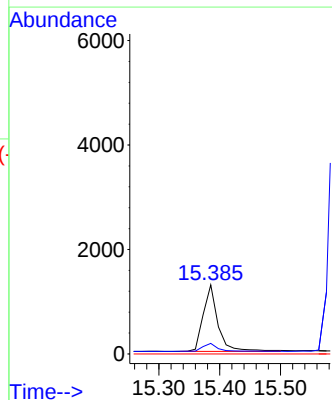
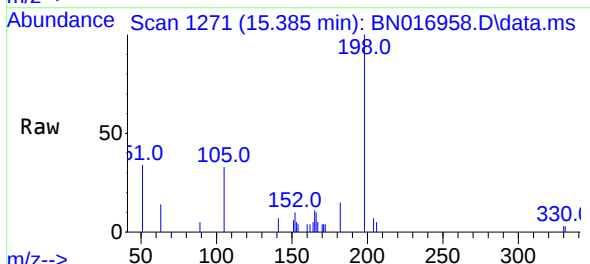
Instrument :  
BNA\_N  
ClientSampleId :  
PB139115BS

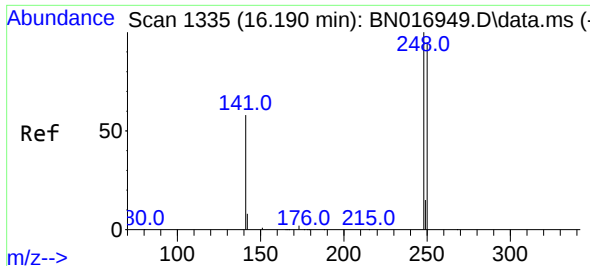
Tgt Ion:188 Resp: 84493  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 7.1 5.6 8.4



#20  
4,6-Dinitro-2-methylphenol  
Concen: 0.37 ng  
RT: 15.385 min Scan# 1271  
Delta R.T. 0.000 min  
Lab File: BN016958.D  
Acq: 14 Oct 2021 19:27

Tgt Ion:198 Resp: 2142  
Ion Ratio Lower Upper  
198 100  
182 15.2 11.5 17.3  
77 0.0 0.0 0.0

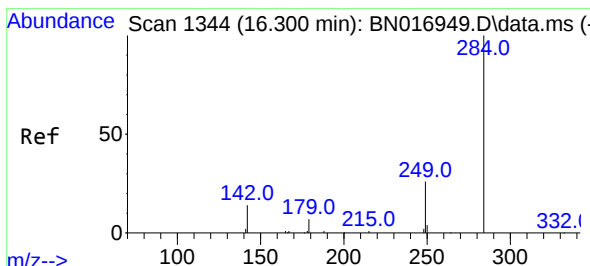
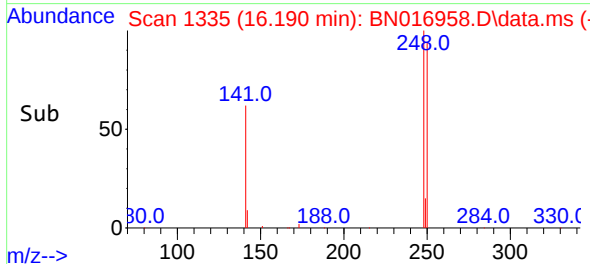
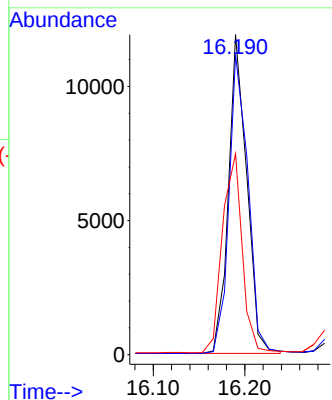
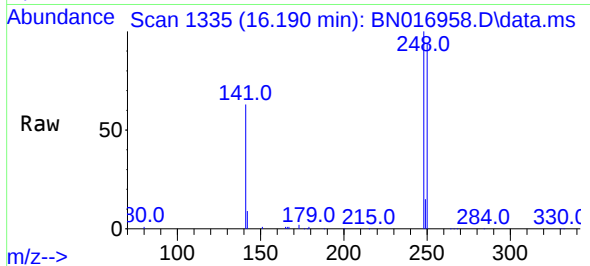




#21  
4-Bromophenyl-phenylether  
Concen: 0.33 ng  
RT: 16.190 min Scan# 1335  
Delta R.T. -0.000 min  
Lab File: BN016958.D  
Acq: 14 Oct 2021 19:27

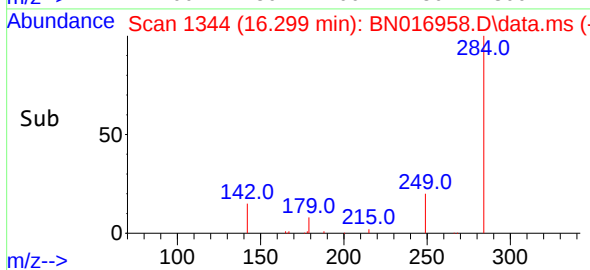
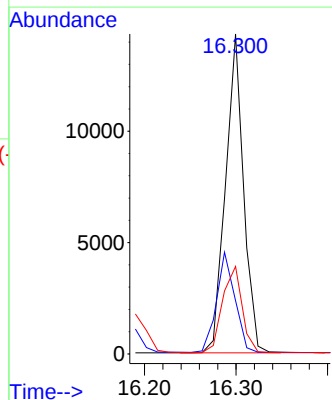
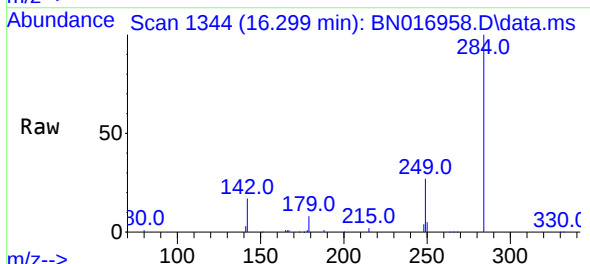
Instrument :  
BNA\_N  
ClientSampleId :  
PB139115BS

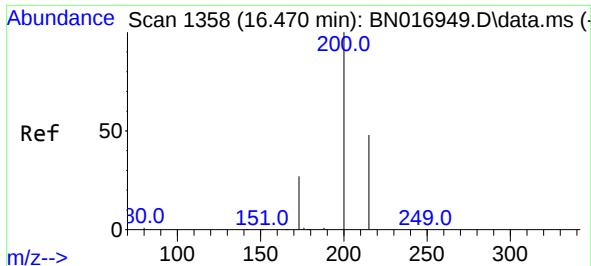
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 248   | Resp: | 16482 |
| Ion      | Ratio | Lower | Upper |
| 248      | 100   |       |       |
| 250      | 93.7  | 76.1  | 114.1 |
| 141      | 62.8  | 46.6  | 70.0  |



#22  
Hexachlorobenzene  
Concen: 0.34 ng  
RT: 16.299 min Scan# 1344  
Delta R.T. -0.000 min  
Lab File: BN016958.D  
Acq: 14 Oct 2021 19:27

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 284   | Resp: | 19648 |
| Ion      | Ratio | Lower | Upper |
| 284      | 100   |       |       |
| 142      | 31.8  | 25.9  | 38.9  |
| 249      | 29.2  | 23.3  | 34.9  |

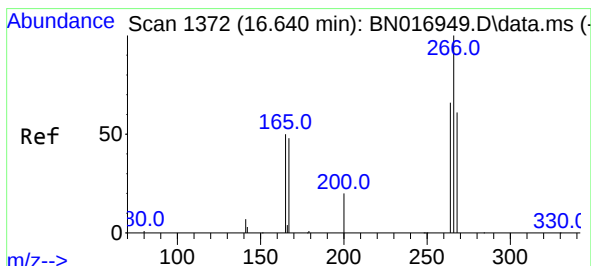
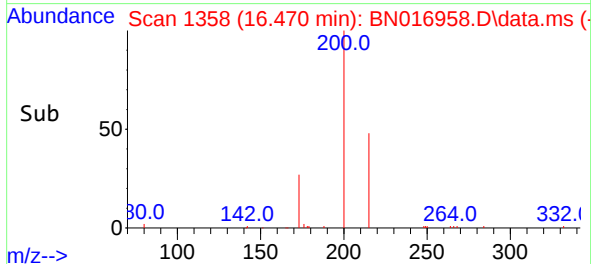
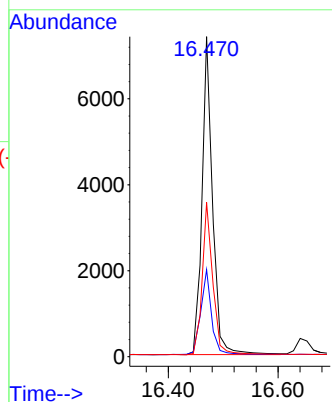
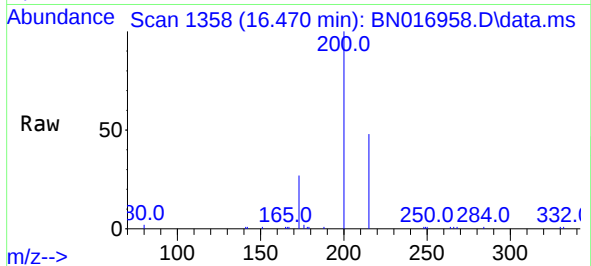




#23  
Atrazine  
Concen: 0.28 ng  
RT: 16.470 min Scan# 1358  
Delta R.T. -0.000 min  
Lab File: BN016958.D  
Acq: 14 Oct 2021 19:27

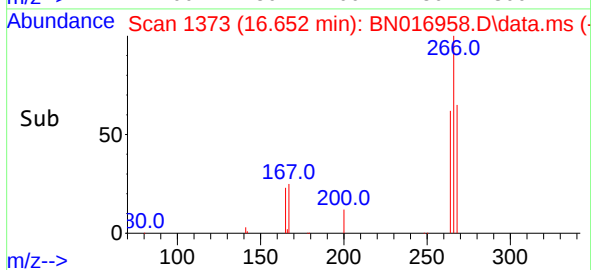
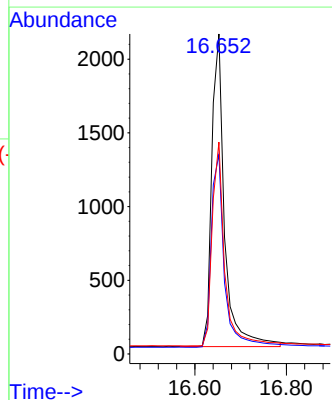
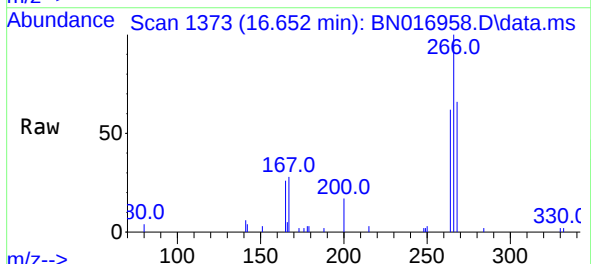
Instrument :  
BNA\_N  
ClientSampleId :  
PB139115BS

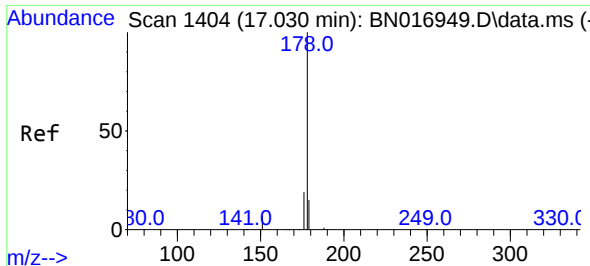
|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 200   | Resp: | 9877 |
| Ion Ratio | Lower | Upper |      |
| 200       | 100   |       |      |
| 173       | 27.2  | 21.7  | 32.5 |
| 215       | 48.2  | 38.6  | 57.8 |



#24  
Pentachlorophenol  
Concen: 0.34 ng  
RT: 16.652 min Scan# 1373  
Delta R.T. 0.012 min  
Lab File: BN016958.D  
Acq: 14 Oct 2021 19:27

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 266   | Resp: | 4099 |
| Ion Ratio | Lower | Upper |      |
| 266       | 100   |       |      |
| 264       | 63.1  | 50.3  | 75.5 |
| 268       | 64.0  | 51.1  | 76.7 |

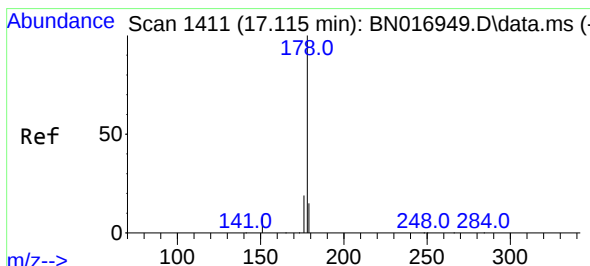
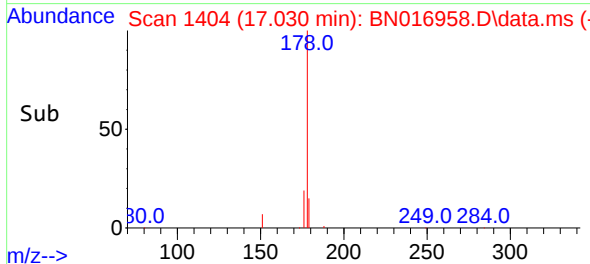
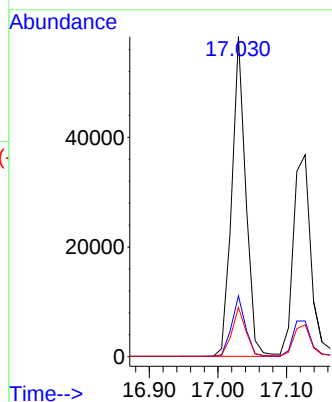
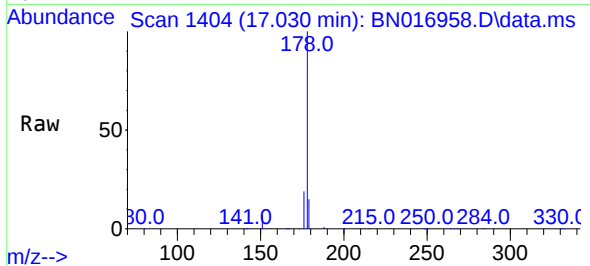




#25  
Phenanthrene  
Concen: 0.34 ng  
RT: 17.030 min Scan# 1404  
Delta R.T. -0.000 min  
Lab File: BN016958.D  
Acq: 14 Oct 2021 19:27

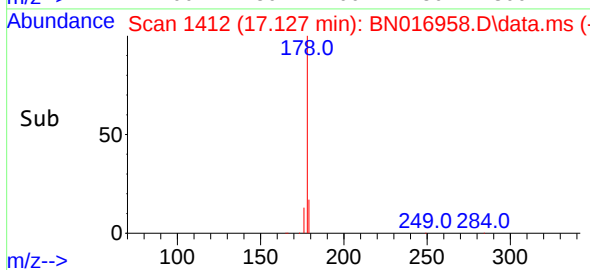
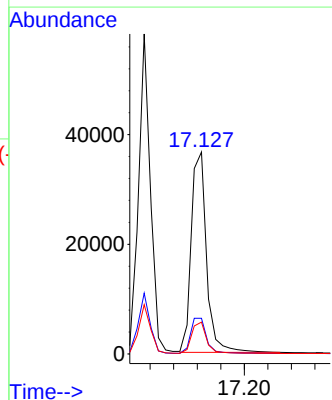
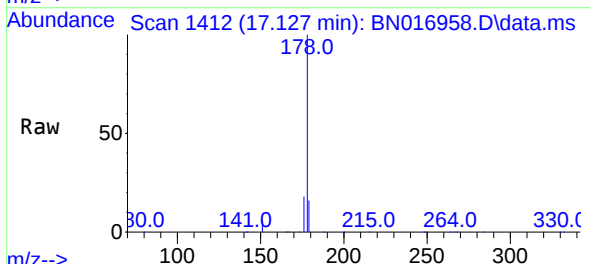
Instrument :  
BNA\_N  
ClientSampleId :  
PB139115BS

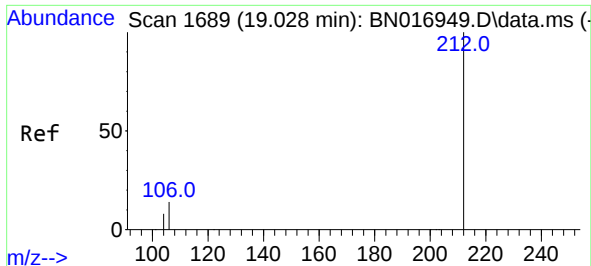
|             |       |             |
|-------------|-------|-------------|
| Tgt Ion:178 | Resp: | 82419       |
| Ion         | Ratio | Lower Upper |
| 178         | 100   |             |
| 176         | 18.8  | 15.0 22.4   |
| 179         | 15.5  | 12.2 18.4   |



#26  
Anthracene  
Concen: 0.32 ng  
RT: 17.127 min Scan# 1412  
Delta R.T. 0.012 min  
Lab File: BN016958.D  
Acq: 14 Oct 2021 19:27

|             |       |             |
|-------------|-------|-------------|
| Tgt Ion:178 | Resp: | 66074       |
| Ion         | Ratio | Lower Upper |
| 178         | 100   |             |
| 176         | 18.3  | 14.6 21.8   |
| 179         | 15.3  | 12.3 18.5   |

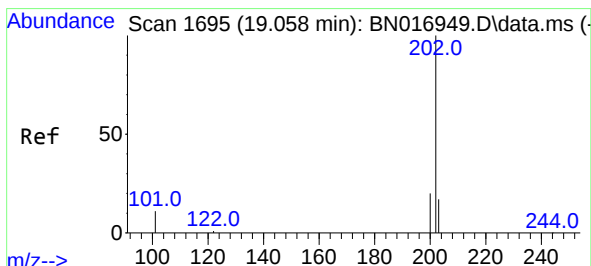
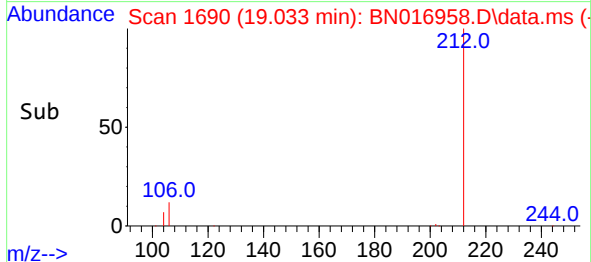
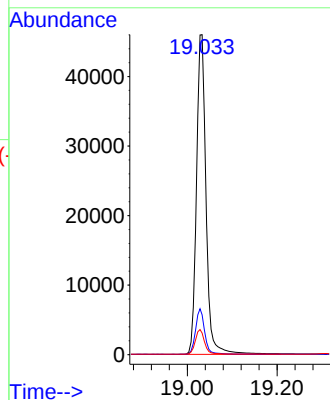
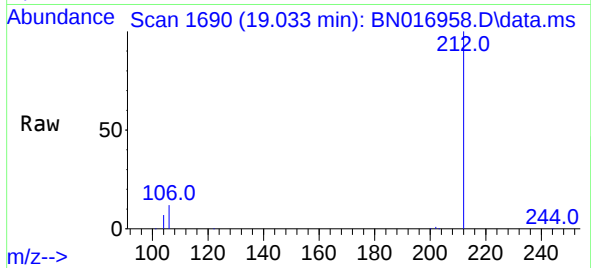




#27  
Fluoranthene-d10  
Concen: 0.32 ng  
RT: 19.033 min Scan# 1690  
Delta R.T. 0.005 min  
Lab File: BN016958.D  
Acq: 14 Oct 2021 19:27

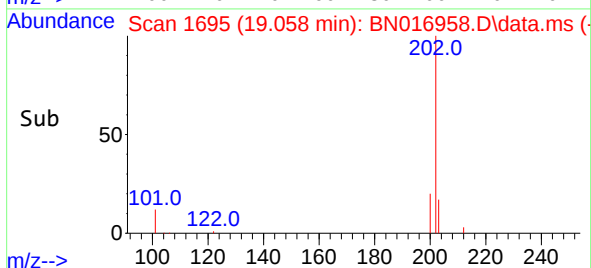
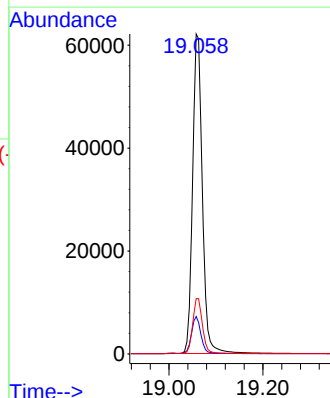
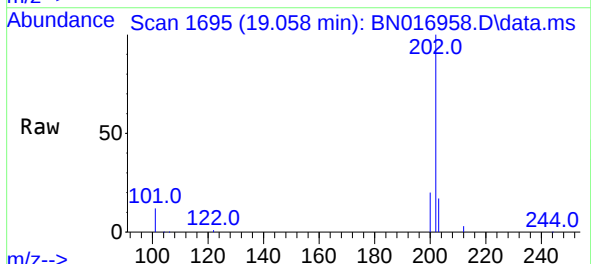
Instrument :  
BNA\_N  
ClientSampleId :  
PB139115BS

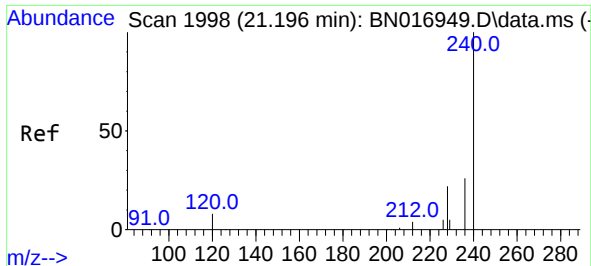
Tgt Ion:212 Resp: 68415  
Ion Ratio Lower Upper  
212 100  
106 13.6 10.9 16.3  
104 7.5 6.0 9.0



#28  
Fluoranthene  
Concen: 0.34 ng  
RT: 19.058 min Scan# 1695  
Delta R.T. -0.000 min  
Lab File: BN016958.D  
Acq: 14 Oct 2021 19:27

Tgt Ion:202 Resp: 89523  
Ion Ratio Lower Upper  
202 100  
101 11.5 9.1 13.7  
203 17.3 13.8 20.8

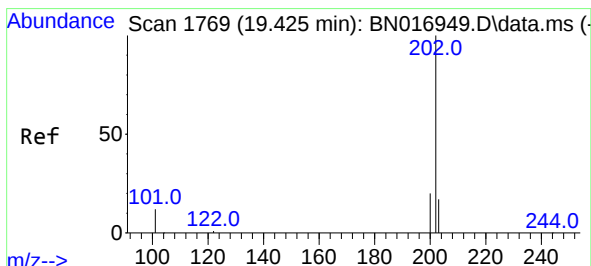
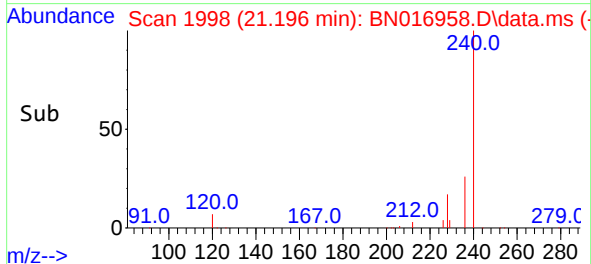
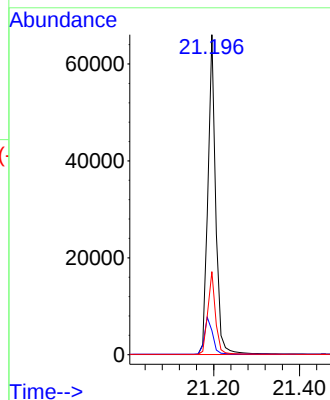
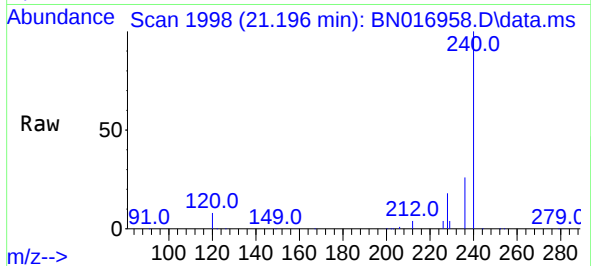




#29  
Chrysene-d12  
Concen: 0.40 ng  
RT: 21.196 min Scan# 1998  
Delta R.T. -0.000 min  
Lab File: BN016958.D  
Acq: 14 Oct 2021 19:27

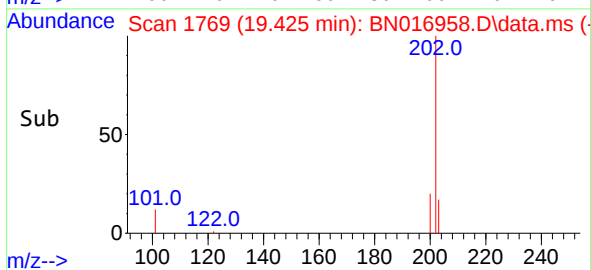
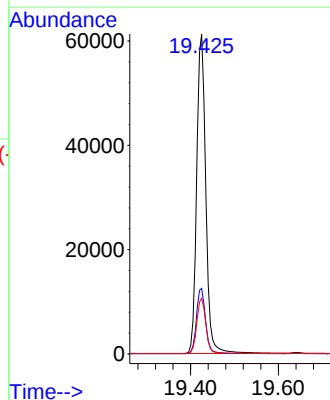
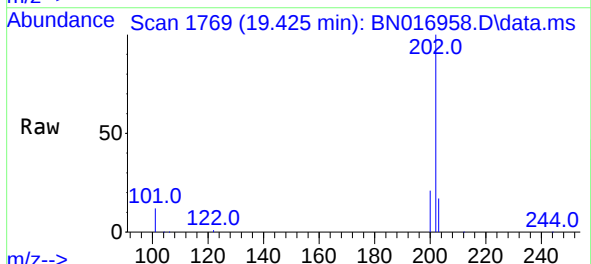
Instrument :  
BNA\_N  
ClientSampleId :  
PB139115BS

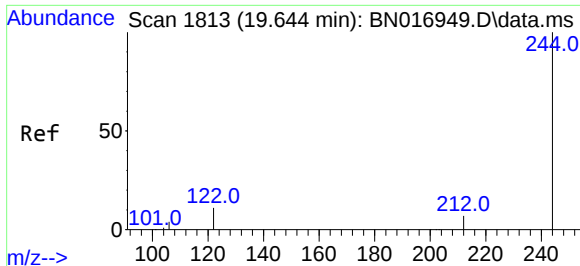
Tgt Ion:240 Resp: 83001  
Ion Ratio Lower Upper  
240 100  
120 7.5 6.5 9.7  
236 26.0 20.8 31.2



#30  
Pyrene  
Concen: 0.34 ng  
RT: 19.425 min Scan# 1769  
Delta R.T. -0.000 min  
Lab File: BN016958.D  
Acq: 14 Oct 2021 19:27

Tgt Ion:202 Resp: 88440  
Ion Ratio Lower Upper  
202 100  
200 20.5 16.4 24.6  
203 17.4 14.0 21.0

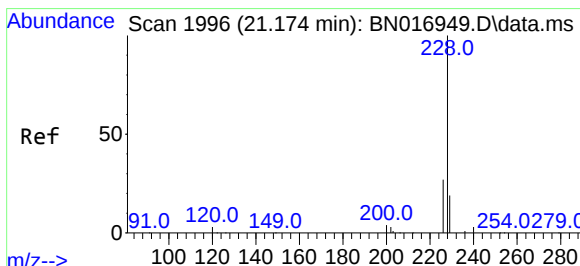
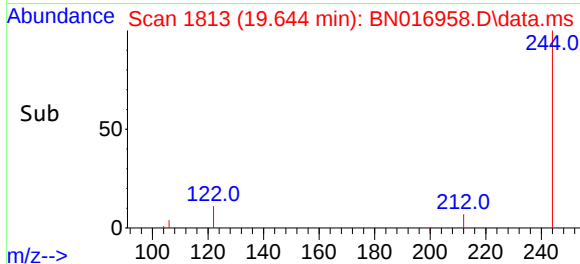
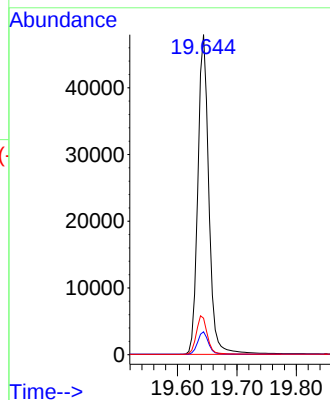
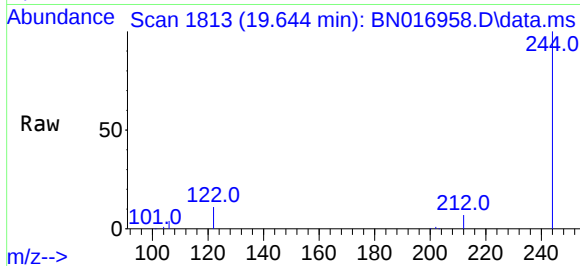




#31  
 Terphenyl-d14  
 Concen: 0.33 ng  
 RT: 19.644 min Scan# 1813  
 Delta R.T. -0.000 min  
 Lab File: BN016958.D  
 Acq: 14 Oct 2021 19:27

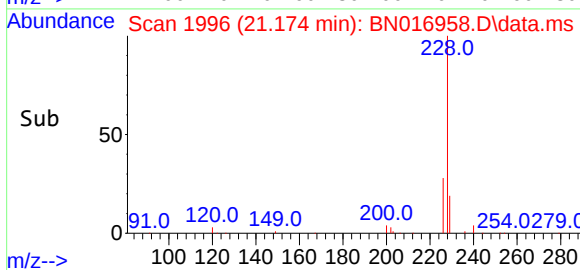
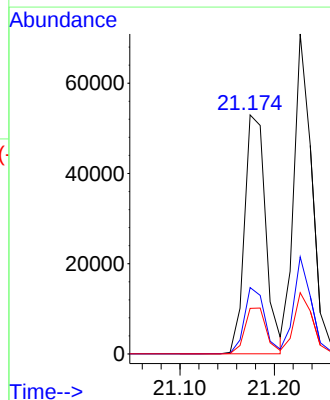
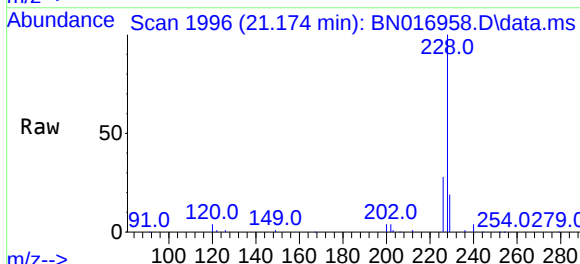
Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB139115BS

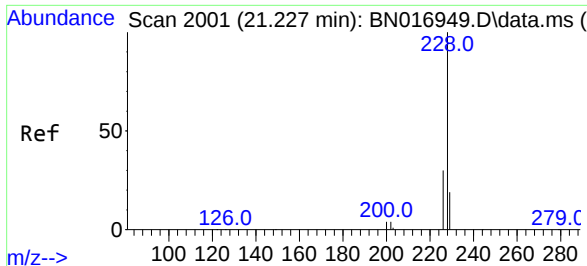
Tgt Ion:244 Resp: 61588  
 Ion Ratio Lower Upper  
 244 100  
 212 7.2 5.6 8.4  
 122 11.4 9.2 13.8



#32  
 Benzo(a)anthracene  
 Concen: 0.33 ng  
 RT: 21.174 min Scan# 1996  
 Delta R.T. -0.000 min  
 Lab File: BN016958.D  
 Acq: 14 Oct 2021 19:27

Tgt Ion:228 Resp: 82264  
 Ion Ratio Lower Upper  
 228 100  
 226 27.8 21.9 32.9  
 229 19.1 15.3 22.9

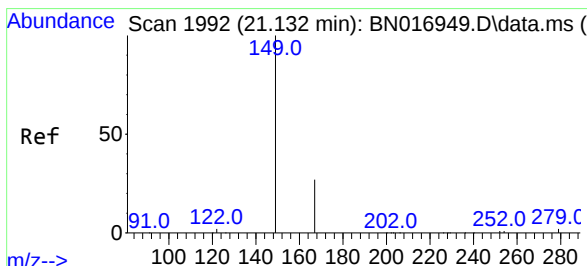
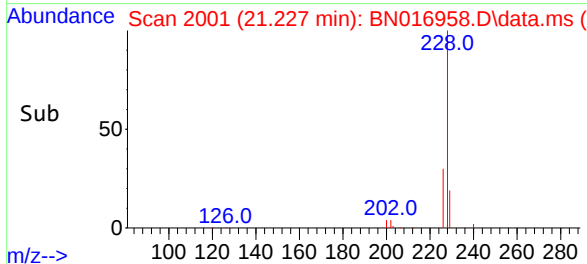
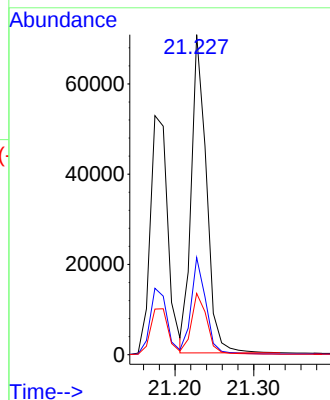
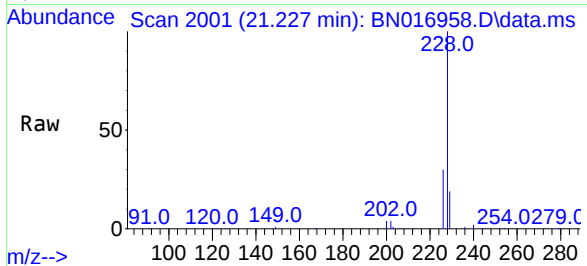




#33  
Chrysene  
Concen: 0.35 ng  
RT: 21.227 min Scan# 2001  
Delta R.T. -0.000 min  
Lab File: BN016958.D  
Acq: 14 Oct 2021 19:27

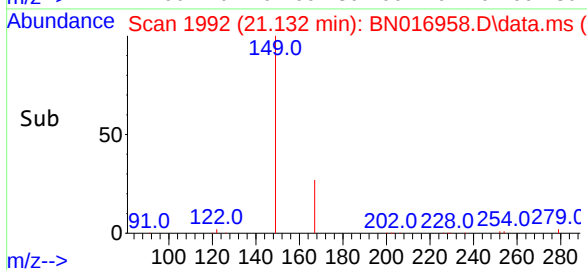
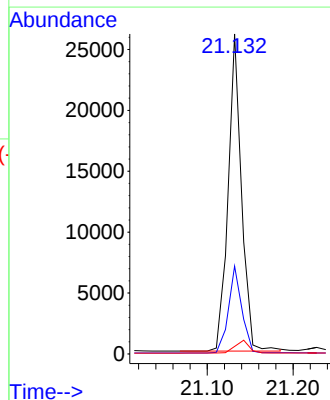
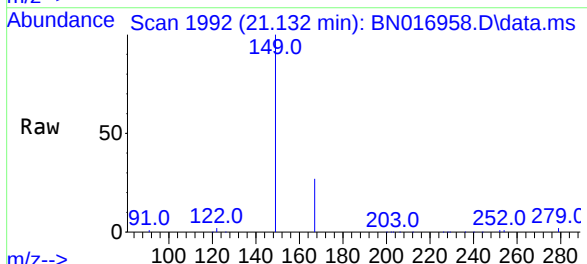
Instrument :  
BNA\_N  
ClientSampleId :  
PB139115BS

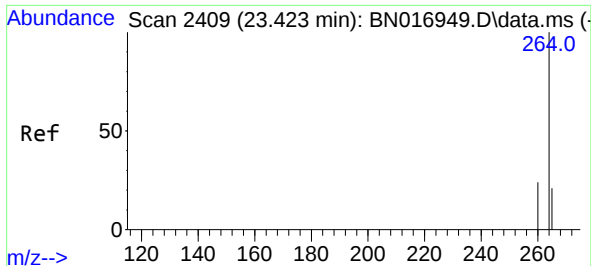
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 228   | Resp: | 94148 |
| Ion Ratio | Lower | Upper |       |
| 228       | 100   |       |       |
| 226       | 30.4  | 24.2  | 36.4  |
| 229       | 19.2  | 15.3  | 22.9  |



#34  
Bis(2-ethylhexyl)phthalate  
Concen: 0.34 ng  
RT: 21.132 min Scan# 1992  
Delta R.T. -0.000 min  
Lab File: BN016958.D  
Acq: 14 Oct 2021 19:27

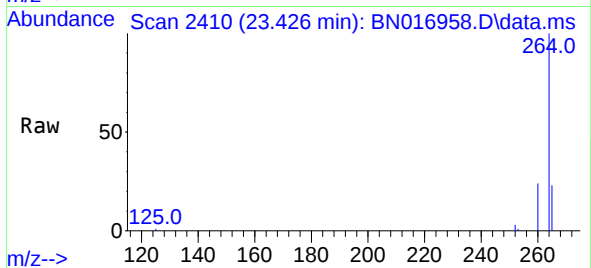
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 149   | Resp: | 28188 |
| Ion Ratio | Lower | Upper |       |
| 149       | 100   |       |       |
| 167       | 27.4  | 22.0  | 33.0  |
| 279       | 4.2   | 3.4   | 5.2   |



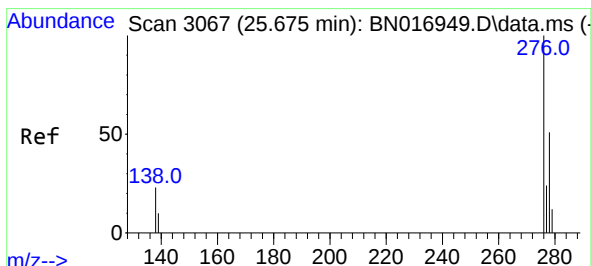
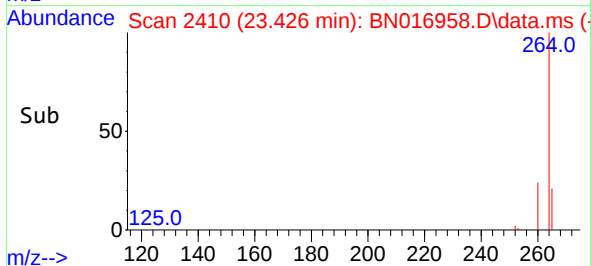
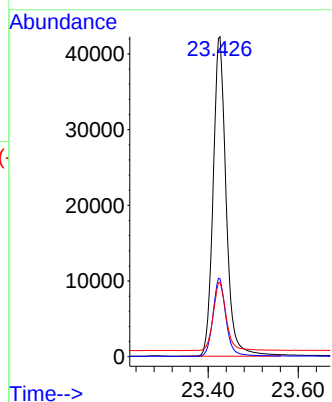


#35  
Perylene-d12  
Concen: 0.40 ng  
RT: 23.426 min Scan# 2410  
Delta R.T. 0.003 min  
Lab File: BN016958.D  
Acq: 14 Oct 2021 19:27

Instrument :  
BNA\_N  
ClientSampleId :  
PB139115BS

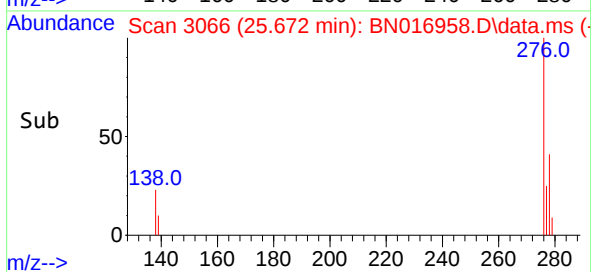
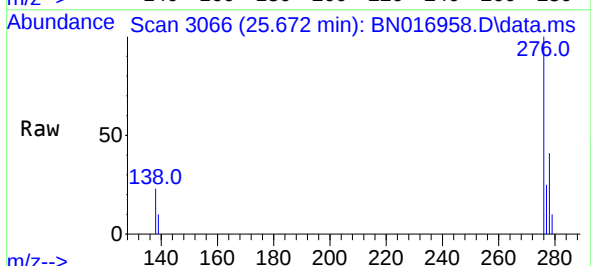
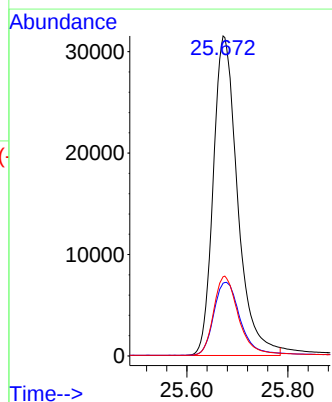


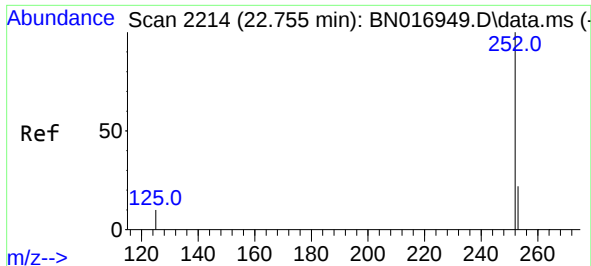
Tgt Ion:264 Resp: 84677  
Ion Ratio Lower Upper  
264 100  
260 24.3 19.6 29.4  
265 23.2 18.8 28.2



#36  
Indeno(1,2,3-cd)pyrene  
Concen: 0.34 ng  
RT: 25.672 min Scan# 3066  
Delta R.T. -0.004 min  
Lab File: BN016958.D  
Acq: 14 Oct 2021 19:27

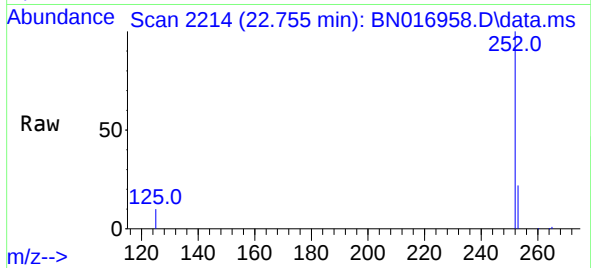
Tgt Ion:276 Resp: 105382  
Ion Ratio Lower Upper  
276 100  
138 24.8 19.4 29.2  
277 25.2 20.1 30.1



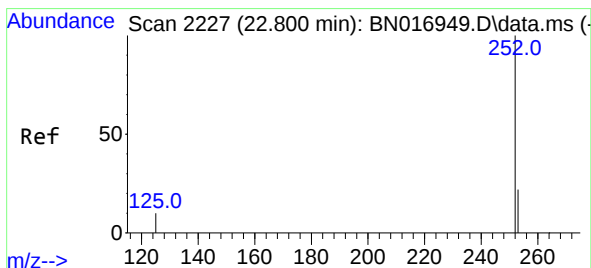
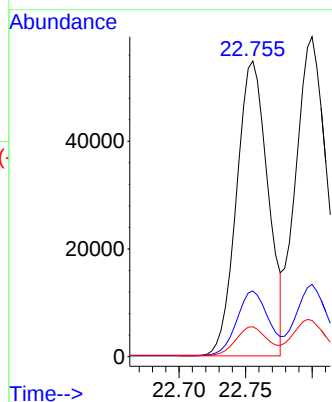


#37  
Benzo(b)fluoranthene  
Concen: 0.32 ng  
RT: 22.755 min Scan# 2214  
Delta R.T. -0.000 min  
Lab File: BN016958.D  
Acq: 14 Oct 2021 19:27

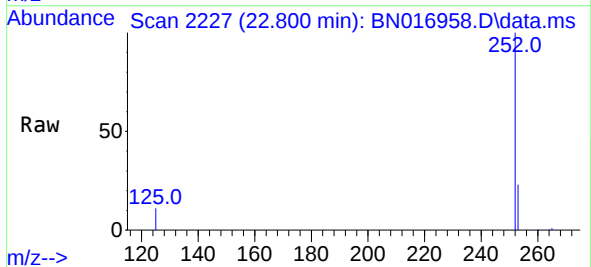
Instrument :  
BNA\_N  
ClientSampleId :  
PB139115BS



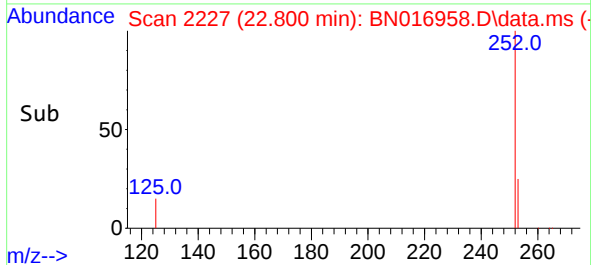
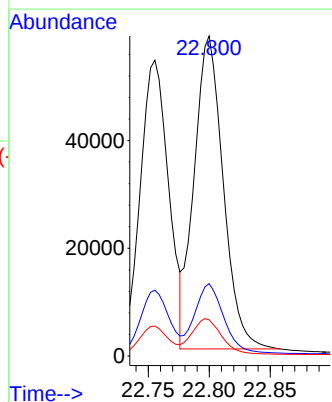
Tgt Ion:252 Resp: 90056  
Ion Ratio Lower Upper  
252 100  
253 22.3 17.7 26.5  
125 10.1 7.9 11.9

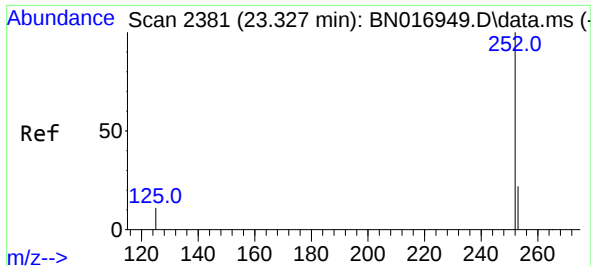


#38  
Benzo(k)fluoranthene  
Concen: 0.35 ng  
RT: 22.800 min Scan# 2227  
Delta R.T. -0.000 min  
Lab File: BN016958.D  
Acq: 14 Oct 2021 19:27



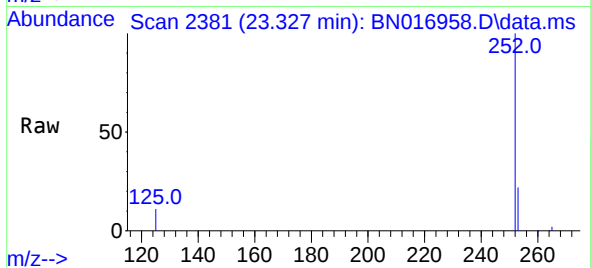
Tgt Ion:252 Resp: 96457  
Ion Ratio Lower Upper  
252 100  
253 22.6 17.9 26.9  
125 11.3 8.4 12.6





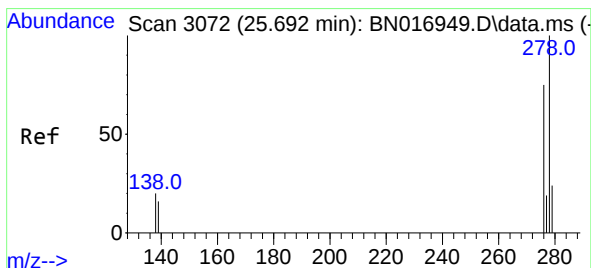
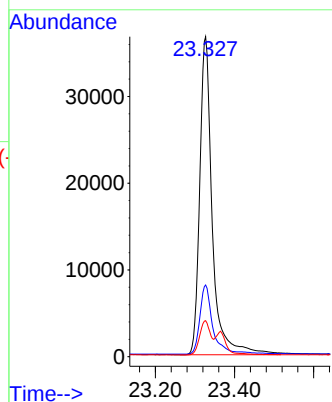
#39  
Benzo(a)pyrene  
Concen: 0.33 ng  
RT: 23.327 min Scan# 2381  
Delta R.T. -0.000 min  
Lab File: BN016958.D  
Acq: 14 Oct 2021 19:27

Instrument :  
BNA\_N  
ClientSampleId :  
PB139115BS

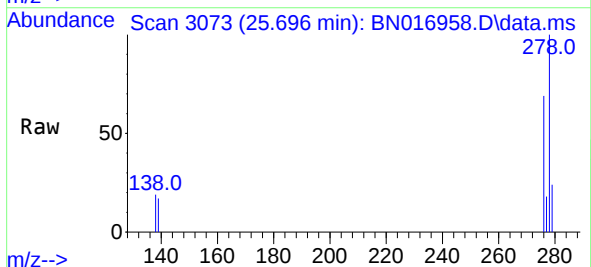


Tgt Ion:252 Resp: 80808

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 22.4  | 17.8  | 26.8  |
| 125 | 11.3  | 9.0   | 13.6  |

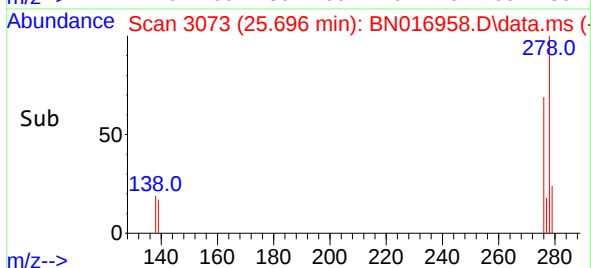
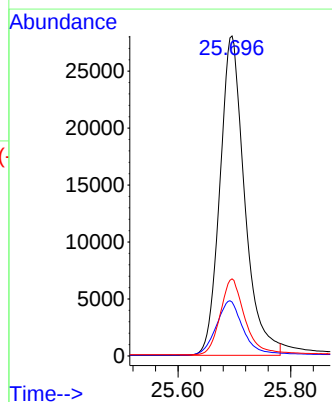


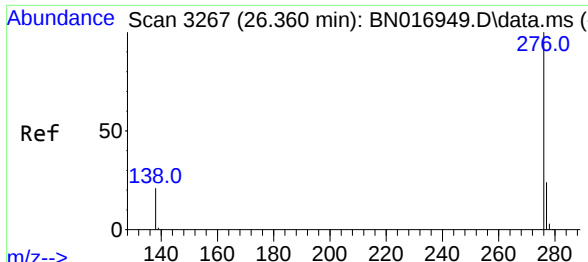
#40  
Dibenzo(a,h)anthracene  
Concen: 0.34 ng  
RT: 25.696 min Scan# 3073  
Delta R.T. 0.003 min  
Lab File: BN016958.D  
Acq: 14 Oct 2021 19:27



Tgt Ion:278 Resp: 85333

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 278 | 100   |       |       |
| 139 | 16.8  | 13.0  | 19.6  |
| 279 | 24.1  | 19.1  | 28.7  |





#41  
 Benzo(g,h,i)perylene  
 Concen: 0.33 ng  
 RT: 26.360 min Scan# 3267  
 Delta R.T. -0.000 min  
 Lab File: BN016958.D  
 Acq: 14 Oct 2021 19:27

Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB139115BS

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 276   | Resp: | 92137 |
| Ion Ratio | Lower | Upper |       |
| 276       | 100   |       |       |
| 277       | 24.0  | 19.1  | 28.7  |
| 138       | 20.9  | 16.8  | 25.2  |

