

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN092121\  
 Data File : BN016374.D  
 Acq On : 21 Sep 2021 12:51  
 Operator : CG/JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC0.4

Quant Time: Sep 21 13:22:12 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN091721.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Sep 21 13:21:55 2021  
 Response via : Initial Calibration

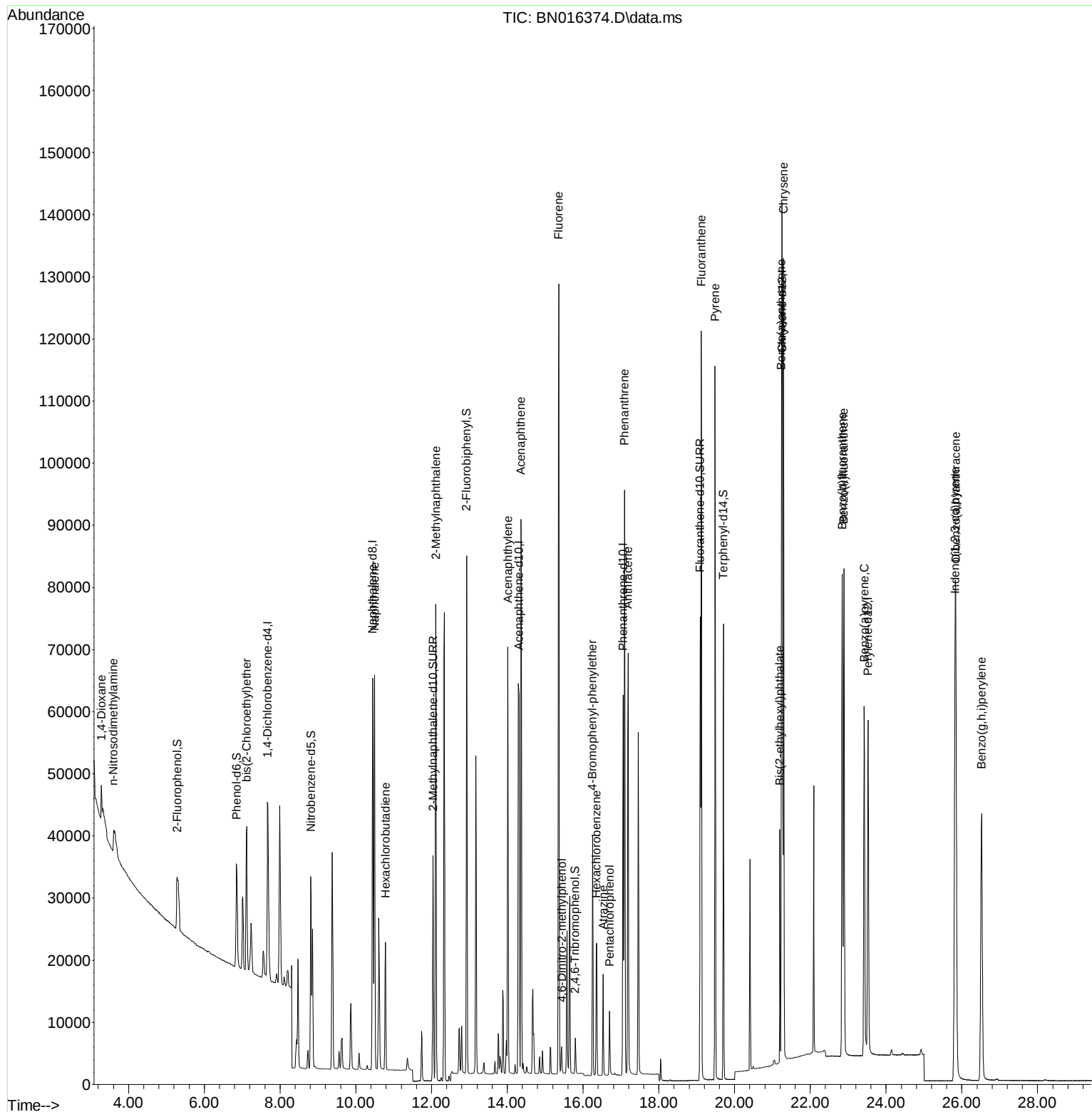
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.670  | 152  | 19228    | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.444 | 136  | 82045    | 0.400 | ng    | 0.00     |
| 13) Acenaphthene-d10          | 14.306 | 164  | 42171    | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.054 | 188  | 80651    | 0.400 | ng    | # 0.00   |
| 29) Chrysene-d12              | 21.259 | 240  | 79432    | 0.400 | ng    | 0.00     |
| 35) Perylene-d12              | 23.522 | 264  | 73246    | 0.400 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.282  | 112  | 17055    | 0.353 | ng    | 0.00     |
| 5) Phenol-d6                  | 6.849  | 99   | 20334    | 0.348 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 8.809  | 82   | 25651    | 0.526 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 12.038 | 152  | 48370    | 0.374 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.791 | 330  | 4078     | 0.329 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 12.923 | 172  | 68425    | 0.415 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.092 | 212  | 85624    | 0.367 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.703 | 244  | 73300    | 0.398 | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       |          |
|                               |        |      |          |       |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.281  | 88   | 3158     | 0.395 | ng    | # 85     |
| 3) n-Nitrosodimethylamine     | 3.603  | 42   | 7012     | 0.383 | ng    | # 75     |
| 6) bis(2-Chloroethyl)ether    | 7.116  | 93   | 21408    | 0.411 | ng    | 94       |
| 9) Naphthalene                | 10.495 | 128  | 85396    | 0.386 | ng    | 100      |
| 10) Hexachlorobutadiene       | 10.787 | 225  | 17866    | 0.425 | ng    | # 99     |
| 12) 2-Methylnaphthalene       | 12.114 | 142  | 55576    | 0.379 | ng    | 99       |
| 16) Acenaphthylene            | 14.015 | 152  | 72435    | 0.369 | ng    | 99       |
| 17) Acenaphthene              | 14.357 | 154  | 47788    | 0.393 | ng    | 98       |
| 18) Fluorene                  | 15.360 | 166  | 57162    | 0.379 | ng    | 99       |
| 20) 4,6-Dinitro-2-methylph... | 15.436 | 198  | 3220     | 0.840 | ng    | # 65     |
| 21) 4-Bromophenyl-phenylether | 16.250 | 248  | 18501    | 0.392 | ng    | # 84     |
| 22) Hexachlorobenzene         | 16.360 | 284  | 18865    | 0.423 | ng    | # 91     |
| 23) Atrazine                  | 16.530 | 200  | 11738    | 0.272 | ng    | 97       |
| 24) Pentachlorophenol         | 16.701 | 266  | 4940     | 0.329 | ng    | 98       |
| 25) Phenanthrene              | 17.090 | 178  | 91918    | 0.403 | ng    | 99       |
| 26) Anthracene                | 17.188 | 178  | 78172    | 0.354 | ng    | 99       |
| 28) Fluoranthene              | 19.122 | 202  | 103983   | 0.396 | ng    | 99       |
| 30) Pyrene                    | 19.485 | 202  | 100994   | 0.402 | ng    | 99       |
| 32) Benzo(a)anthracene        | 21.238 | 228  | 97589    | 0.382 | ng    | 97       |
| 33) Chrysene                  | 21.291 | 228  | 105882   | 0.429 | ng    | 98       |
| 34) Bis(2-ethylhexyl)phtha... | 21.195 | 149  | 31089    | 0.226 | ng    | 97       |
| 36) Indeno(1,2,3-cd)pyrene    | 25.818 | 276  | 104686   | 0.443 | ng    | 98       |
| 37) Benzo(b)fluoranthene      | 22.841 | 252  | 100851   | 0.434 | ng    | 99       |
| 38) Benzo(k)fluoranthene      | 22.885 | 252  | 96775    | 0.432 | ng    | 99       |
| 39) Benzo(a)pyrene            | 23.422 | 252  | 84814    | 0.403 | ng    | 98       |
| 40) Dibenzo(a,h)anthracene    | 25.839 | 278  | 89610    | 0.446 | ng    | 94       |
| 41) Benzo(g,h,i)perylene      | 26.520 | 276  | 90711    | 0.454 | ng    | 95       |
| -----                         |        |      |          |       |       |          |

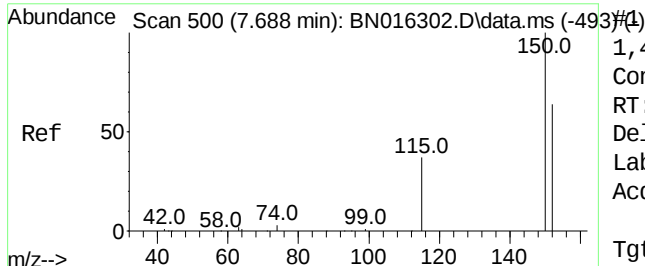
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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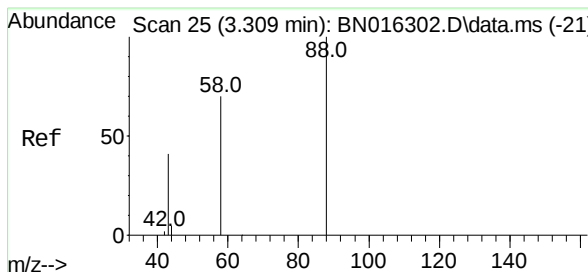
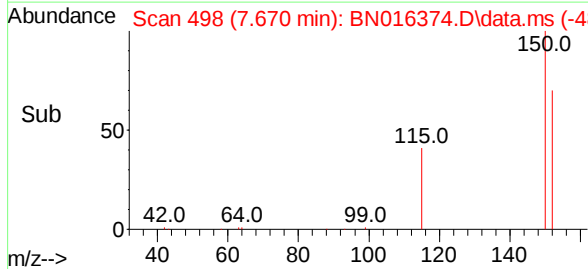
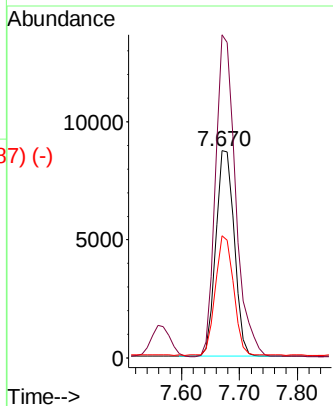
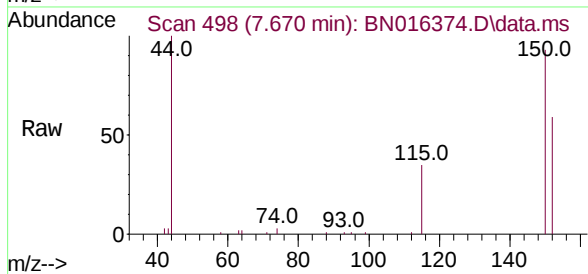




1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 7.670 min Scan# 498  
 Delta R.T. -0.000 min  
 Lab File: BN016374.D  
 Acq: 21 Sep 2021 12:51

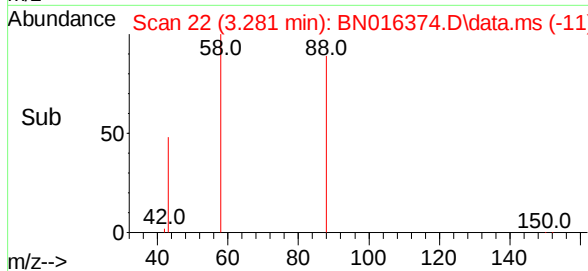
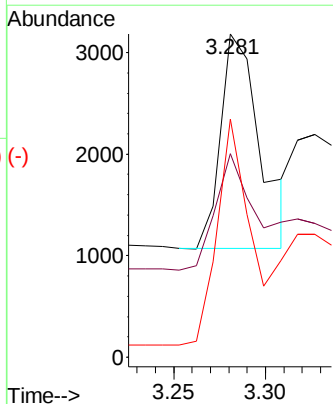
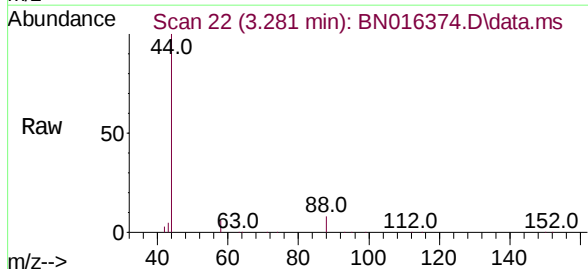
Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC0.4

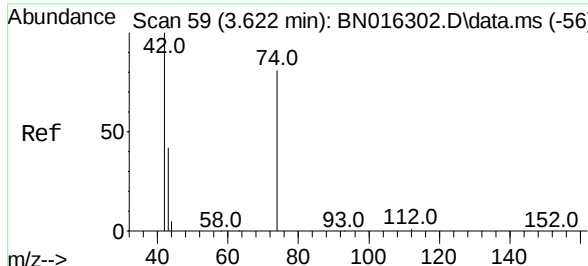
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 152   | Resp: | 19228 |
| Ion      | Ratio | Lower | Upper |
| 152      | 100   |       |       |
| 150      | 156.1 | 125.6 | 188.4 |
| 115      | 59.2  | 50.2  | 75.2  |



1,4-Dioxane  
 Concen: 0.395 ng  
 RT: 3.281 min Scan# 22  
 Delta R.T. 0.000 min  
 Lab File: BN016374.D  
 Acq: 21 Sep 2021 12:51

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 88    | Resp: | 3158  |
| Ion      | Ratio | Lower | Upper |
| 88       | 100   |       |       |
| 43       | 58.7  | 20.3  | 30.5# |
| 58       | 86.7  | 69.9  | 104.9 |

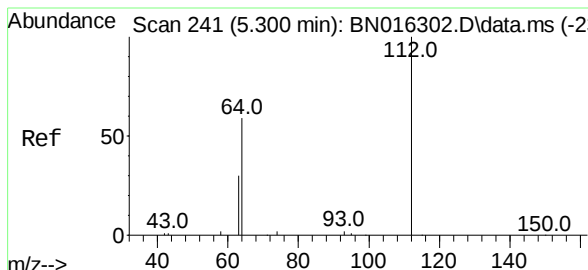
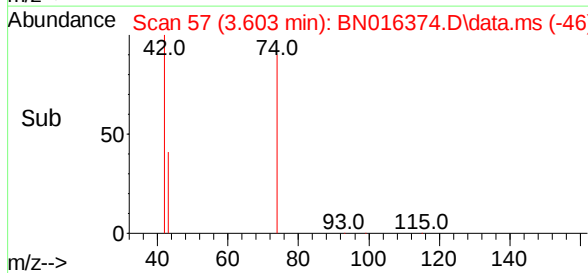
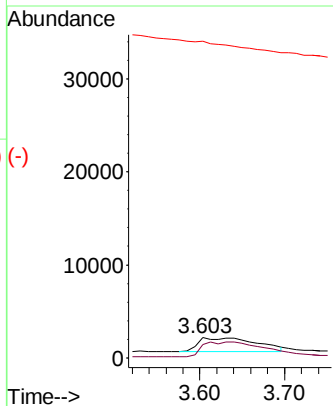
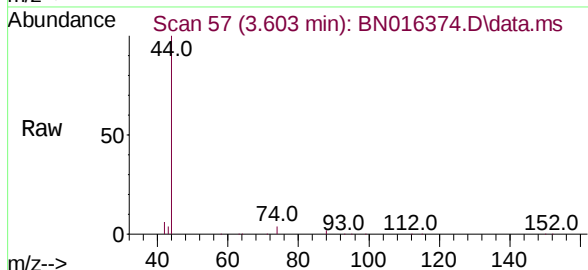




#3  
n-Nitrosodimethylamine  
Concen: 0.383 ng  
RT: 3.603 min Scan# 57  
Delta R.T. 0.000 min  
Lab File: BN016374.D  
Acq: 21 Sep 2021 12:51

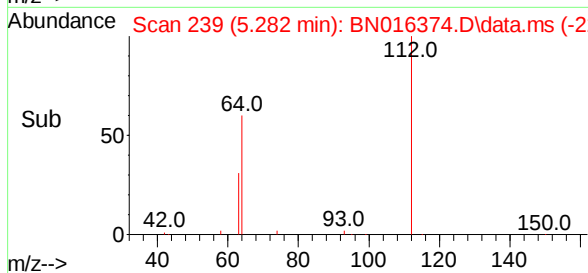
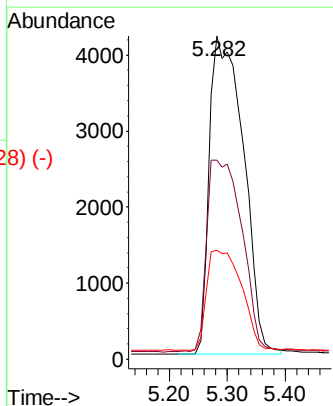
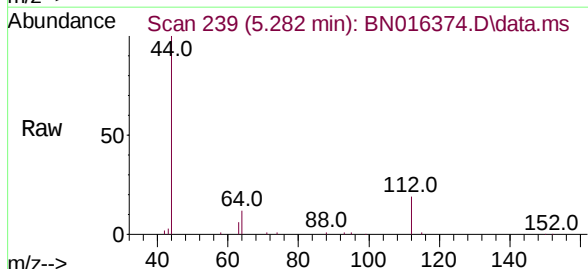
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

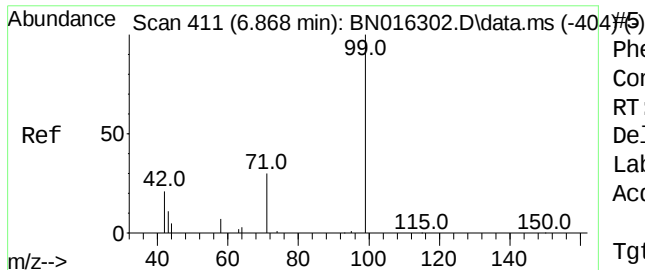
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 42    | Resp: | 7012   |
| Ion      | Ratio | Lower | Upper  |
| 42       | 100   |       |        |
| 74       | 110.9 | 113.6 | 170.4# |
| 44       | 0.0   | 0.0   | 0.0    |



#4  
2-Fluorophenol  
Concen: 0.353 ng  
RT: 5.282 min Scan# 239  
Delta R.T. 0.000 min  
Lab File: BN016374.D  
Acq: 21 Sep 2021 12:51

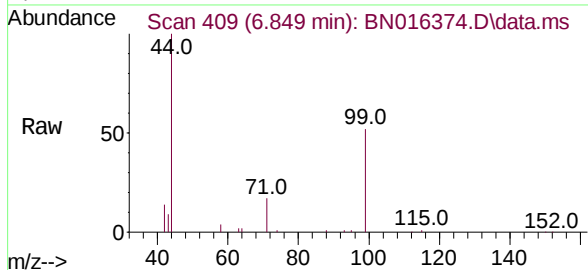
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 112   | Resp: | 17055 |
| Ion      | Ratio | Lower | Upper |
| 112      | 100   |       |       |
| 64       | 62.4  | 47.3  | 70.9  |
| 63       | 32.3  | 23.4  | 35.0  |



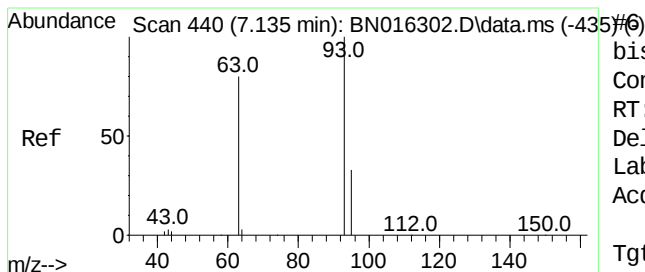
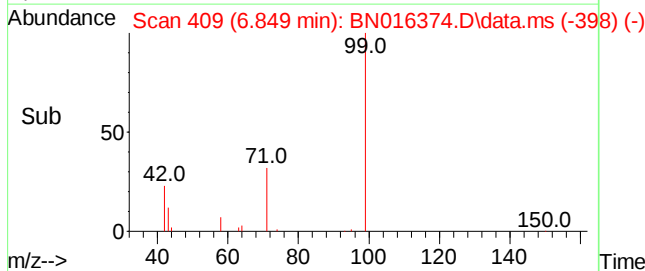
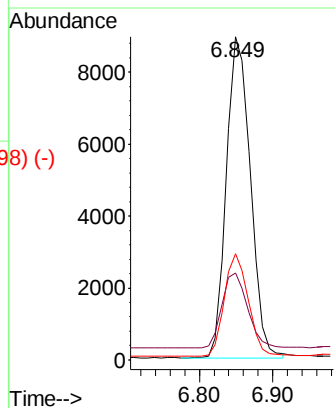


Phenol-d6  
Concen: 0.348 ng  
RT: 6.849 min Scan# 409  
Delta R.T. 0.000 min  
Lab File: BN016374.D  
Acq: 21 Sep 2021 12:51

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

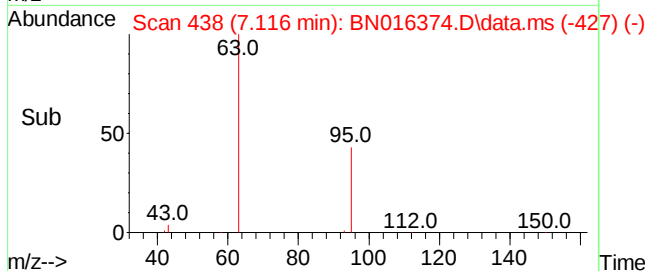
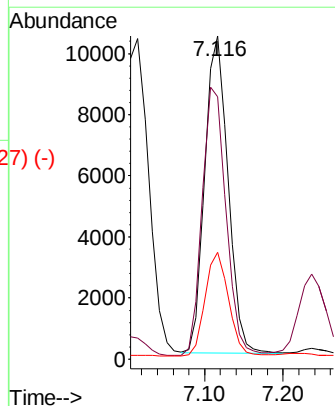
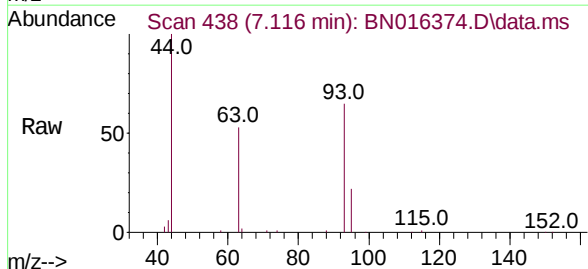


| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 99      | 100   |       |       |
| 42      | 25.1  | 14.0  | 21.0# |
| 71      | 31.8  | 23.8  | 35.6  |

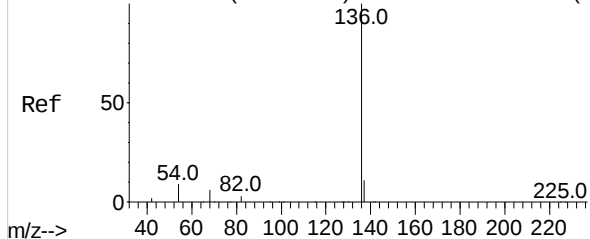


bis(2-Chloroethyl)ether  
Concen: 0.411 ng  
RT: 7.116 min Scan# 438  
Delta R.T. 0.000 min  
Lab File: BN016374.D  
Acq: 21 Sep 2021 12:51

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 63      | 86.8  | 63.4  | 95.0  |
| 95      | 32.8  | 26.8  | 40.2  |



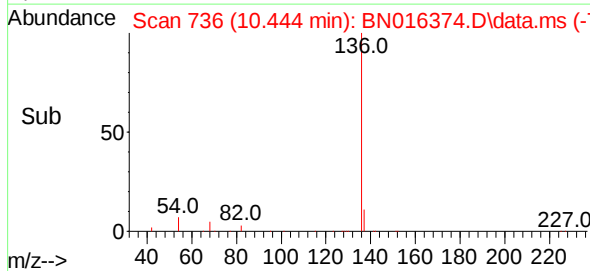
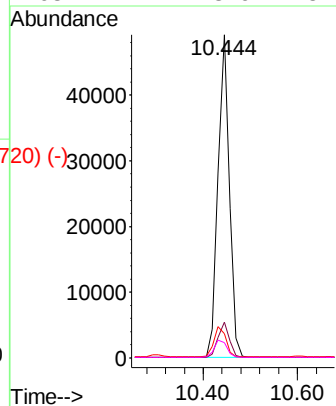
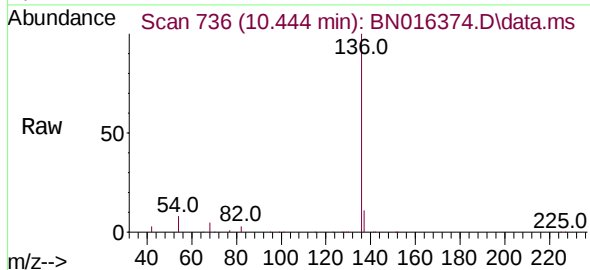
Abundance Scan 737 (10.457 min): BN016302.D\data.ms (-737) (-)



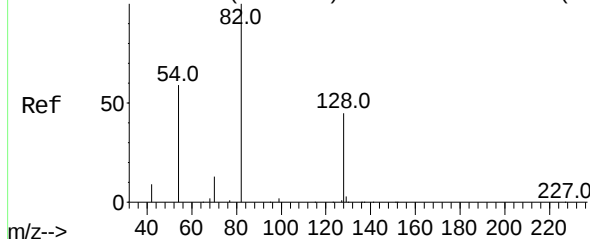
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.444 min Scan# 736  
Delta R.T. 0.000 min  
Lab File: BN016374.D  
Acq: 21 Sep 2021 12:51

Instrument :  
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ClientSampleId :  
SSTDCCC0.4

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 136   | Resp: | 82045 |
| Ion      | Ratio | Lower | Upper |
| 136      | 100   |       |       |
| 137      | 11.0  | 8.8   | 13.2  |
| 54       | 7.6   | 5.3   | 7.9   |
| 68       | 4.7   | 3.9   | 5.9   |

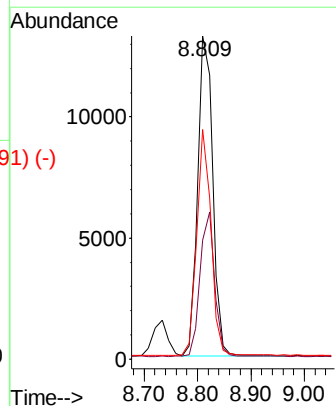
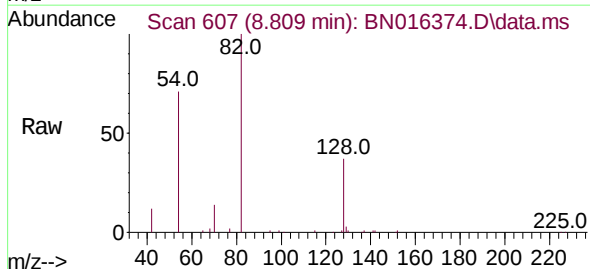


Abundance Scan 609 (8.835 min): BN016302.D\data.ms (-605) (-)

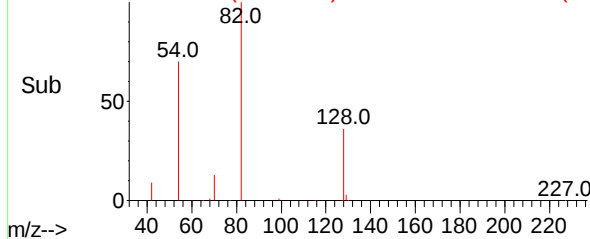


Nitrobenzene-d5  
Concen: 0.526 ng  
RT: 8.809 min Scan# 607  
Delta R.T. 0.000 min  
Lab File: BN016374.D  
Acq: 21 Sep 2021 12:51

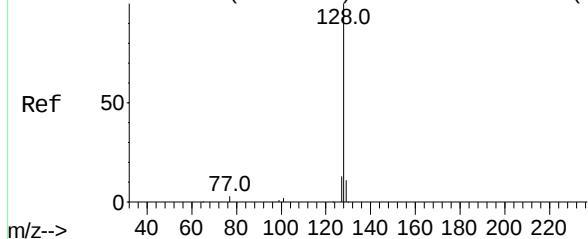
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 82    | Resp: | 25651 |
| Ion      | Ratio | Lower | Upper |
| 82       | 100   |       |       |
| 128      | 36.8  | 31.7  | 47.5  |
| 54       | 71.0  | 46.4  | 69.6# |



Abundance Scan 607 (8.809 min): BN016374.D\data.ms (-591) (-)



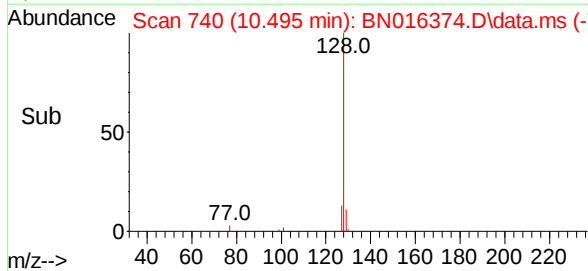
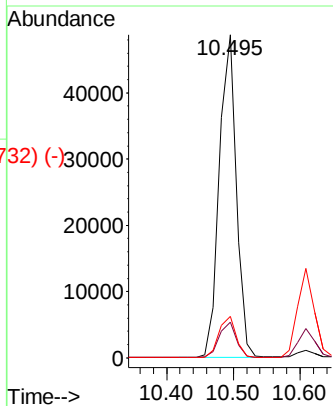
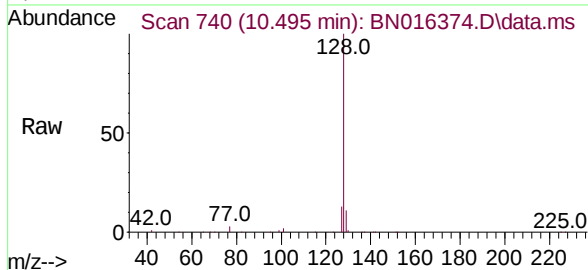
Abundance Scan 741 (10.508 min): BN016302.D\data.ms (-736) (-)



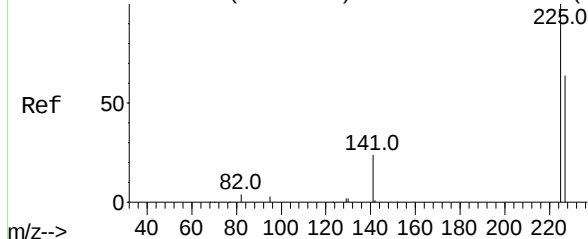
Naphthalene  
Concen: 0.386 ng  
RT: 10.495 min Scan# 740  
Delta R.T. 0.000 min  
Lab File: BN016374.D  
Acq: 21 Sep 2021 12:51

Instrument :  
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ClientSampleId :  
SSTDCCC0.4

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 128   | Resp: | 85396 |
| Ion Ratio | Lower | Upper |       |
| 128       | 100   |       |       |
| 129       | 11.1  | 8.9   | 13.3  |
| 127       | 12.8  | 10.1  | 15.1  |

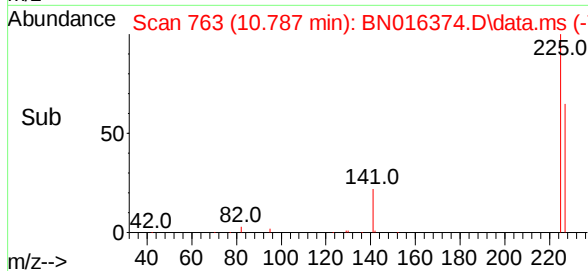
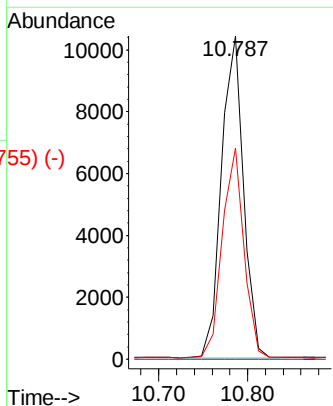
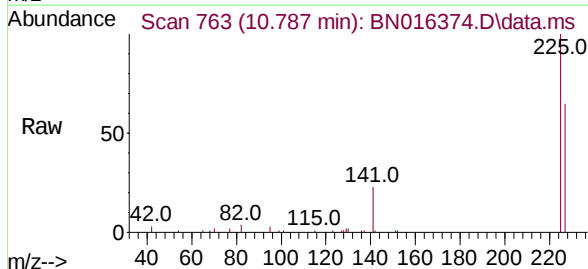


Abundance Scan 764 (10.799 min): BN016302.D\data.ms (-756) (-)

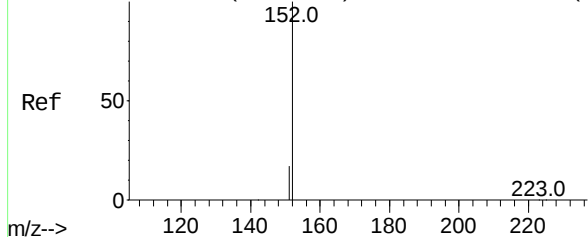


Hexachlorobutadiene  
Concen: 0.425 ng  
RT: 10.787 min Scan# 763  
Delta R.T. 0.000 min  
Lab File: BN016374.D  
Acq: 21 Sep 2021 12:51

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 225   | Resp: | 17866 |
| Ion Ratio | Lower | Upper |       |
| 225       | 100   |       |       |
| 223       | 0.0   | 0.0   | 0.0   |
| 227       | 63.8  | 51.5  | 77.3  |



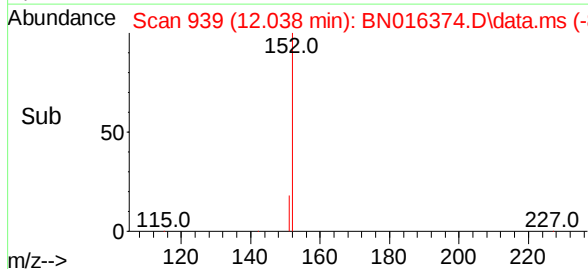
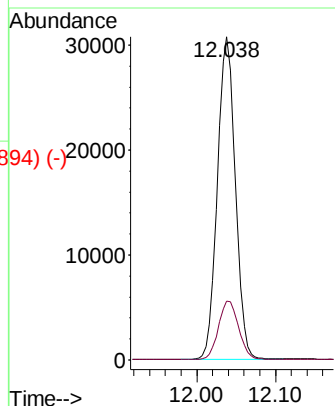
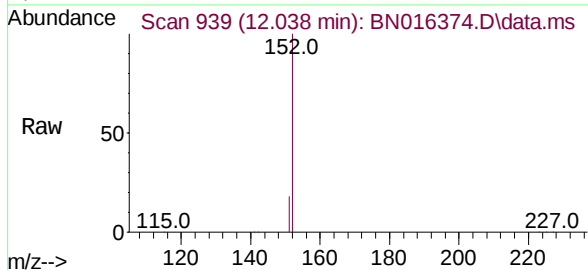
Abundance Scan 942 (12.052 min): BN016302.D\data.ms (-930) (-)



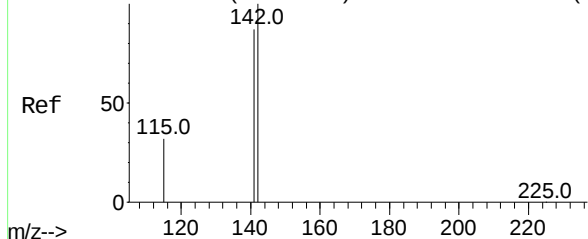
2-Methylnaphthalene-d10  
Concen: 0.374 ng  
RT: 12.038 min Scan# 939  
Delta R.T. 0.000 min  
Lab File: BN016374.D  
Acq: 21 Sep 2021 12:51

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

Tgt Ion:152 Resp: 48370  
Ion Ratio Lower Upper  
152 100  
151 20.2 16.1 24.1

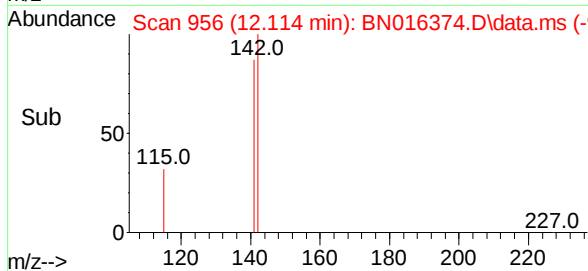
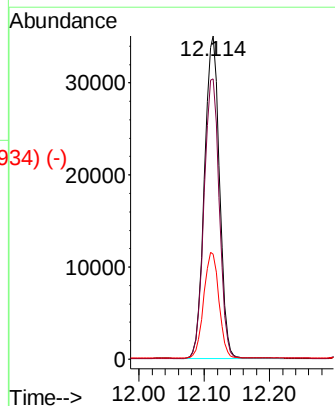
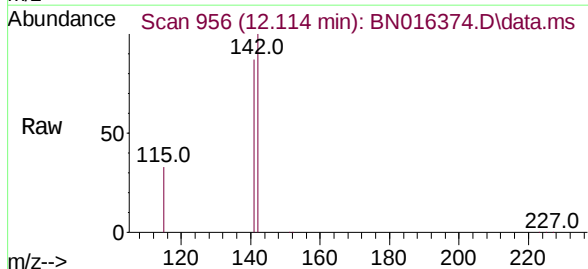


Abundance Scan 959 (12.127 min): BN016302.D\data.ms (-940) (-)

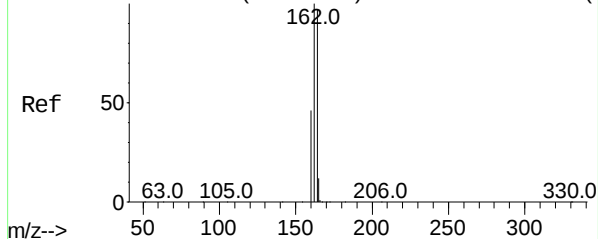


2-Methylnaphthalene  
Concen: 0.379 ng  
RT: 12.114 min Scan# 956  
Delta R.T. 0.000 min  
Lab File: BN016374.D  
Acq: 21 Sep 2021 12:51

Tgt Ion:142 Resp: 55576  
Ion Ratio Lower Upper  
142 100  
141 86.8 69.8 104.8  
115 32.5 24.4 36.6



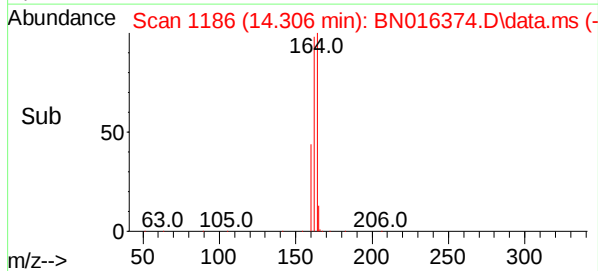
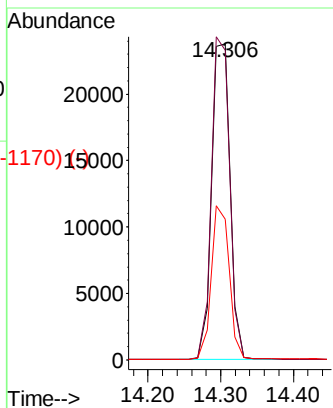
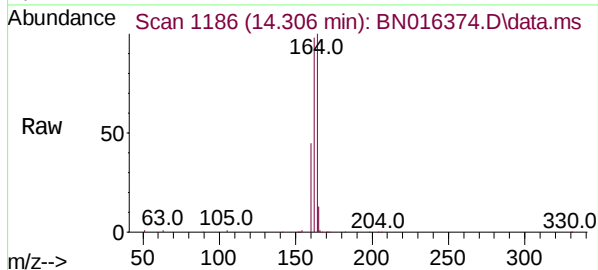
Abundance Scan 1186 (14.307 min): BN016302.D\data.ms (-1171)



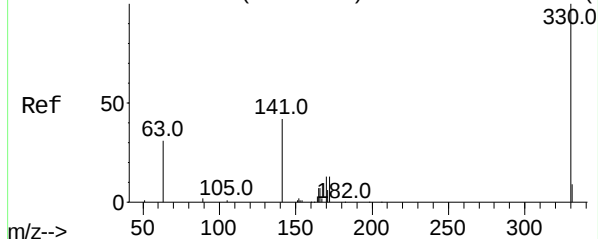
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.306 min Scan# 1186  
Delta R.T. 0.000 min  
Lab File: BN016374.D  
Acq: 21 Sep 2021 12:51

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

Tgt Ion:164 Resp: 42171  
Ion Ratio Lower Upper  
164 100  
162 98.0 79.0 118.4  
160 44.6 34.1 51.1

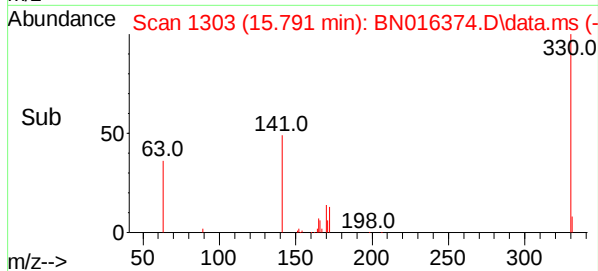
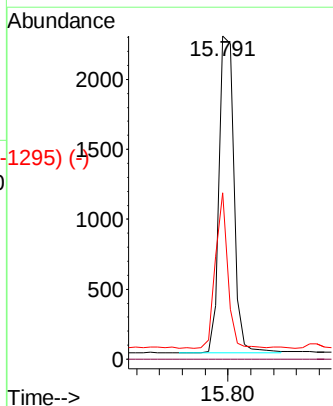
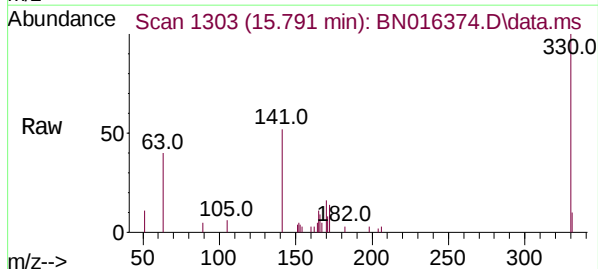


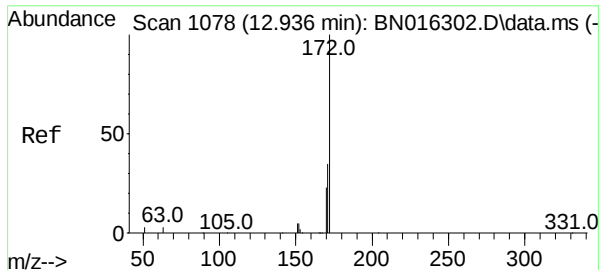
Abundance Scan 1304 (15.804 min): BN016302.D\data.ms (-1294)



2,4,6-Tribromophenol  
Concen: 0.329 ng  
RT: 15.791 min Scan# 1303  
Delta R.T. 0.000 min  
Lab File: BN016374.D  
Acq: 21 Sep 2021 12:51

Tgt Ion:330 Resp: 4078  
Ion Ratio Lower Upper  
330 100  
332 0.0 0.0 0.0  
141 40.8 25.0 37.4#

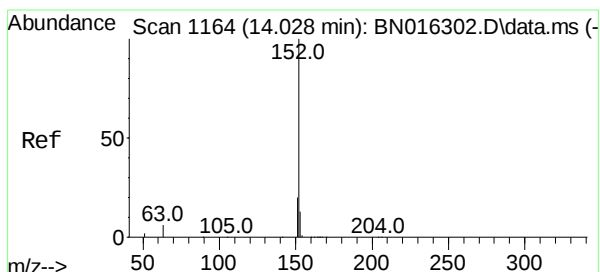
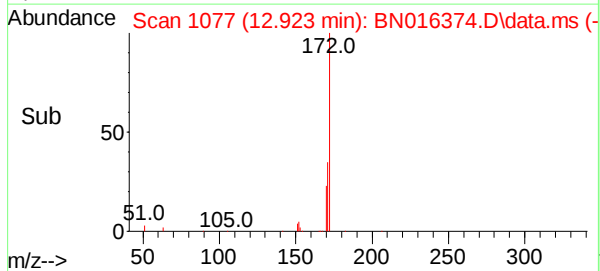
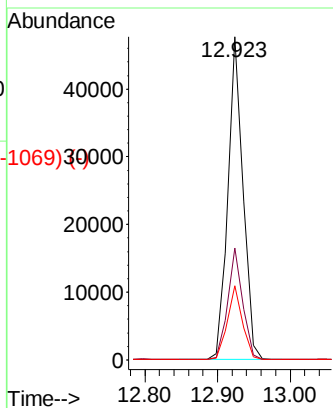
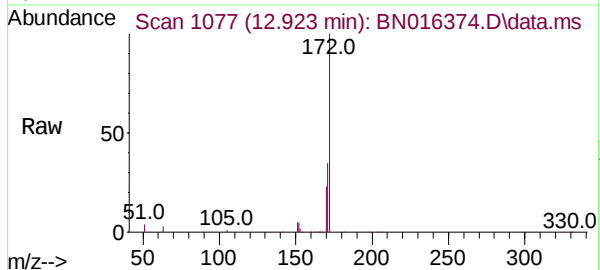




Scan 1078 (12.936 min): BN016302.D\data.ms (-10715) (-)  
 2-Fluorobiphenyl  
 Concen: 0.415 ng  
 RT: 12.923 min Scan# 1077  
 Delta R.T. 0.000 min  
 Lab File: BN016374.D  
 Acq: 21 Sep 2021 12:51

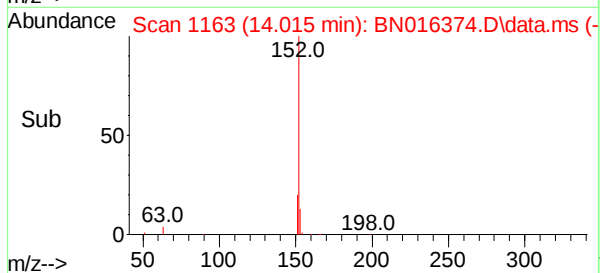
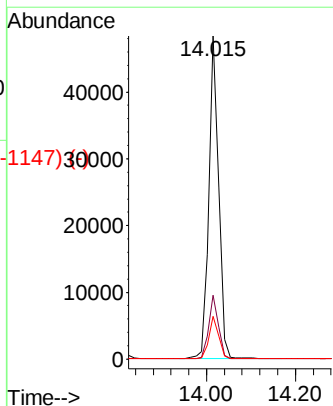
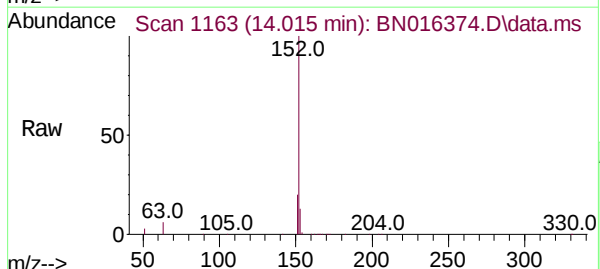
Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC0.4

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 172   | Resp: | 68425 |
| Ion Ratio | Lower | Upper |       |
| 172       | 100   |       |       |
| 171       | 34.6  | 27.8  | 41.6  |
| 170       | 23.0  | 18.2  | 27.2  |



Scan 1164 (14.028 min): BN016302.D\data.ms (-11115) (-)  
 Acenaphthylene  
 Concen: 0.369 ng  
 RT: 14.015 min Scan# 1163  
 Delta R.T. 0.000 min  
 Lab File: BN016374.D  
 Acq: 21 Sep 2021 12:51

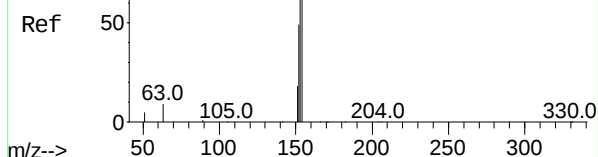
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 152   | Resp: | 72435 |
| Ion Ratio | Lower | Upper |       |
| 152       | 100   |       |       |
| 151       | 19.4  | 15.2  | 22.8  |
| 153       | 13.1  | 10.5  | 15.7  |



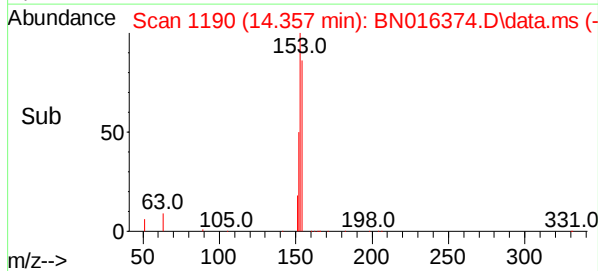
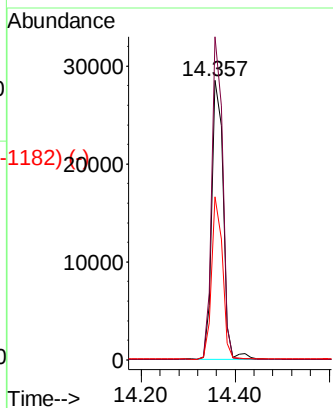
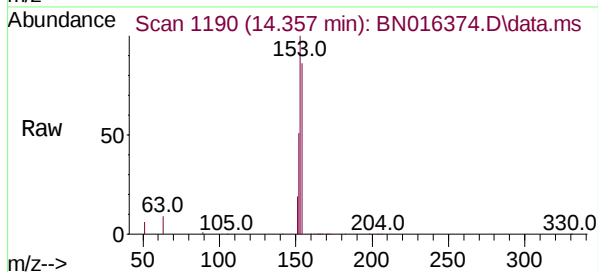
Abundance Scan 1191 (14.370 min): BN016302.D\data.ms (-1182) (-)

Acenaphthene  
Concen: 0.393 ng  
RT: 14.357 min Scan# 1190  
Delta R.T. 0.000 min  
Lab File: BN016374.D  
Acq: 21 Sep 2021 12:51

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4



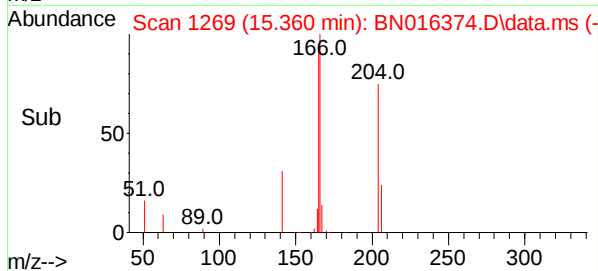
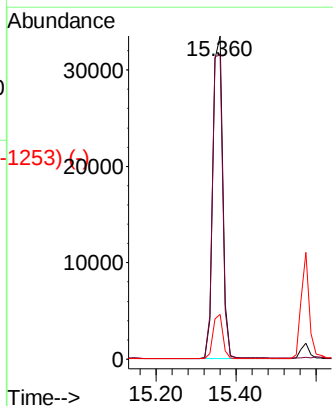
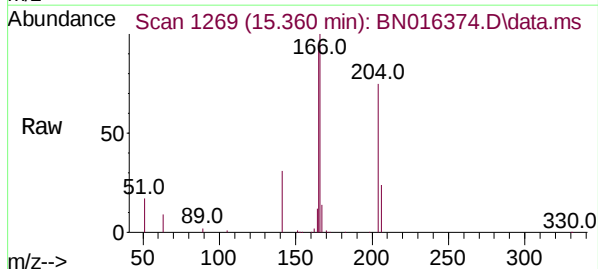
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 154   | Resp: | 47788 |
| Ion Ratio | Lower | Upper |       |
| 154       | 100   |       |       |
| 153       | 110.7 | 89.3  | 133.9 |
| 152       | 55.3  | 42.2  | 63.4  |

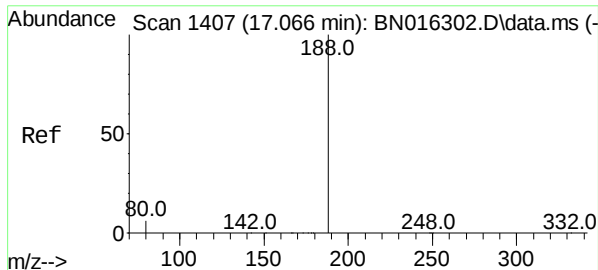


Abundance Scan 1269 (15.360 min): BN016302.D\data.ms (-1253) (-)

Fluorene  
Concen: 0.379 ng  
RT: 15.360 min Scan# 1269  
Delta R.T. 0.000 min  
Lab File: BN016374.D  
Acq: 21 Sep 2021 12:51

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 166   | Resp: | 57162 |
| Ion Ratio | Lower | Upper |       |
| 166       | 100   |       |       |
| 165       | 97.4  | 76.7  | 115.1 |
| 167       | 13.5  | 10.9  | 16.3  |

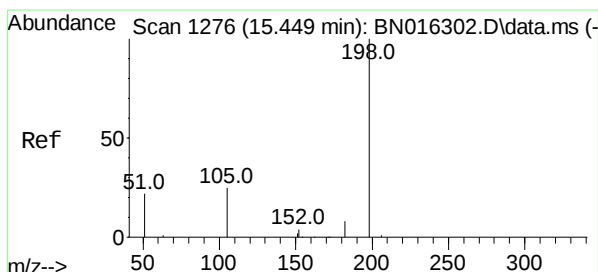
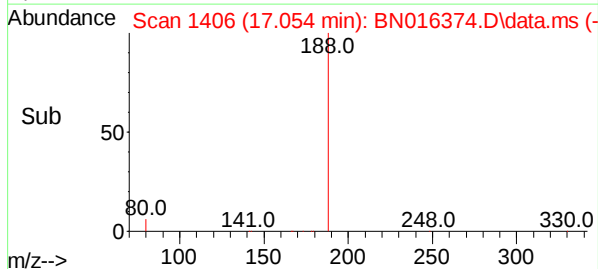
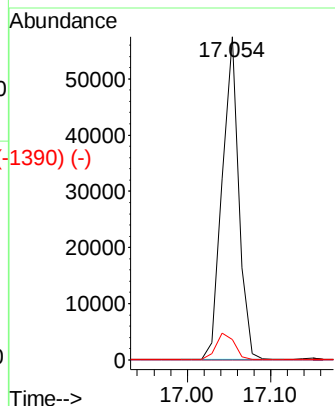
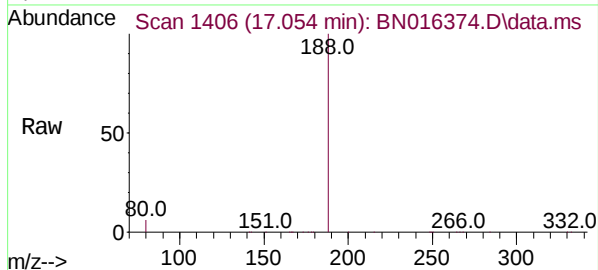




Phenanthrene-d10  
 Concen: 0.400 ng  
 RT: 17.054 min Scan# 1406  
 Delta R.T. 0.000 min  
 Lab File: BN016374.D  
 Acq: 21 Sep 2021 12:51

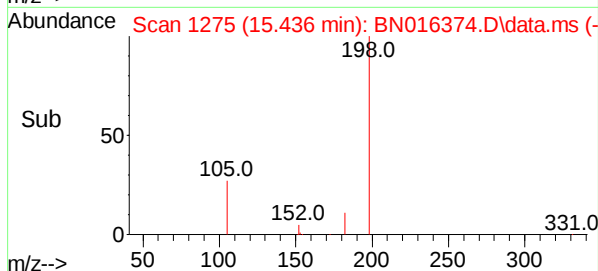
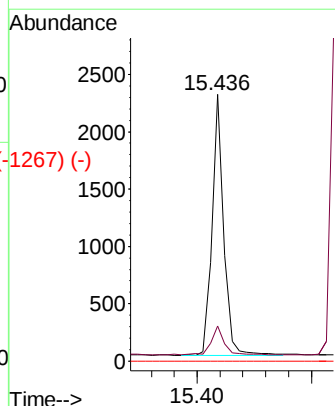
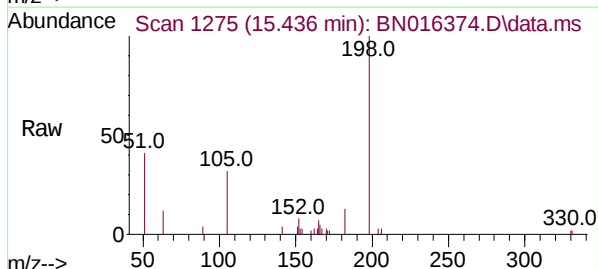
Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC0.4

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 188   | Resp: | 80651 |
| Ion Ratio | Lower | Upper |       |
| 188       | 100   |       |       |
| 94        | 0.0   | 0.0   | 0.0   |
| 80        | 6.4   | 7.0   | 10.6# |

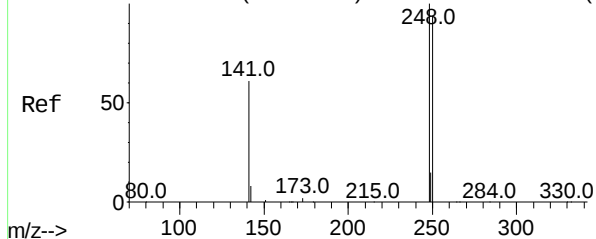


4,6-Dinitro-2-methylphenol  
 Concen: 0.840 ng  
 RT: 15.436 min Scan# 1275  
 Delta R.T. 0.000 min  
 Lab File: BN016374.D  
 Acq: 21 Sep 2021 12:51

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 198   | Resp: | 3220  |
| Ion Ratio | Lower | Upper |       |
| 198       | 100   |       |       |
| 182       | 13.1  | 26.6  | 39.8# |
| 77        | 0.0   | 0.0   | 0.0   |



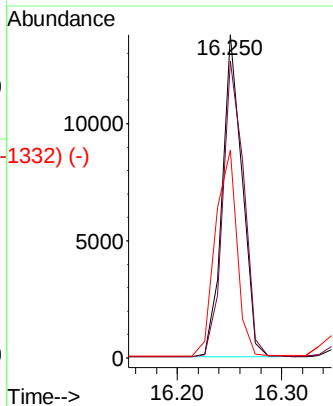
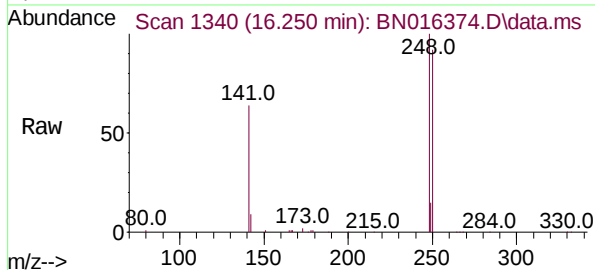
Abundance Scan 1341 (16.263 min): BN016302.D\data.ms (-1325) (-)



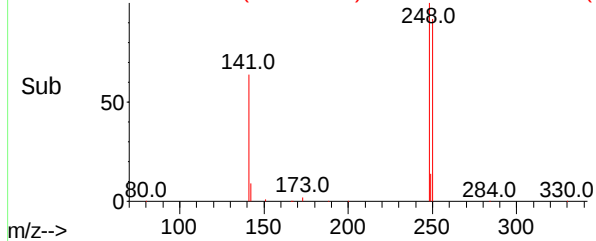
4-Bromophenyl-phenylether  
Concen: 0.392 ng  
RT: 16.250 min Scan# 1340  
Delta R.T. 0.000 min  
Lab File: BN016374.D  
Acq: 21 Sep 2021 12:51

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

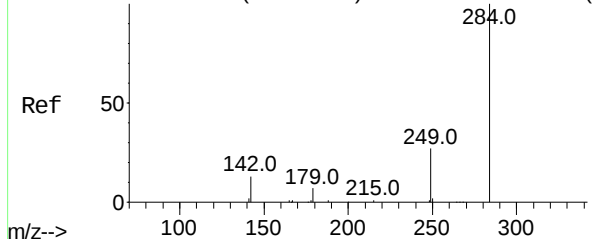
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 91.9  | 80.5  | 120.7 |
| 141     | 64.4  | 34.8  | 52.2# |



Abundance Scan 1340 (16.250 min): BN016374.D\data.ms (-1332) (-)

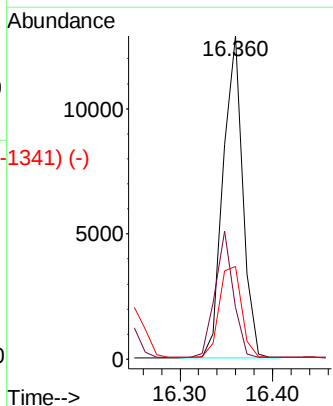
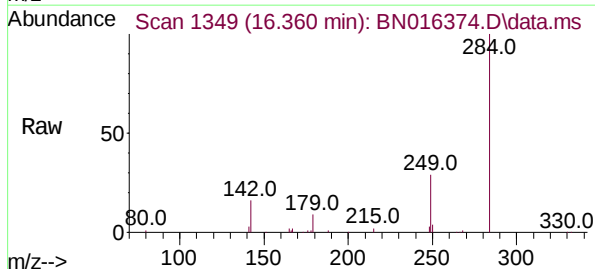


Abundance Scan 1350 (16.372 min): BN016302.D\data.ms (-1342) (-)

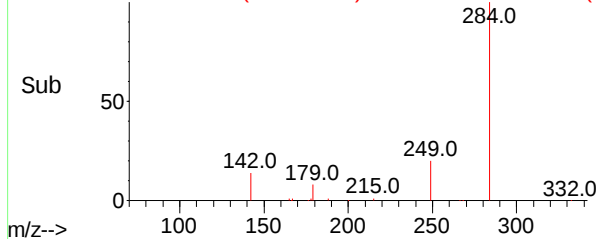


Hexachlorobenzene  
Concen: 0.423 ng  
RT: 16.360 min Scan# 1349  
Delta R.T. 0.000 min  
Lab File: BN016374.D  
Acq: 21 Sep 2021 12:51

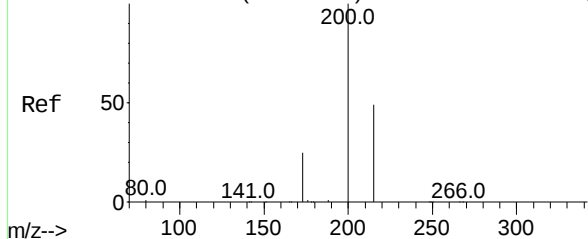
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 36.8  | 22.6  | 34.0# |
| 249     | 32.2  | 24.4  | 36.6  |



Abundance Scan 1349 (16.360 min): BN016374.D\data.ms (-1341) (-)



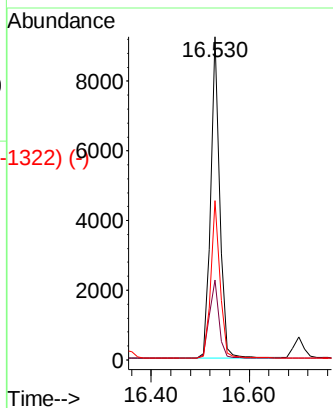
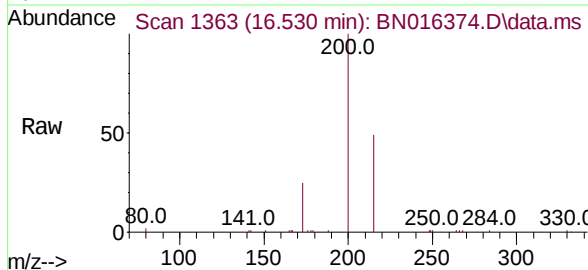
Abundance Scan 1364 (16.543 min): BN016302.D\data.ms (-1323) (-)



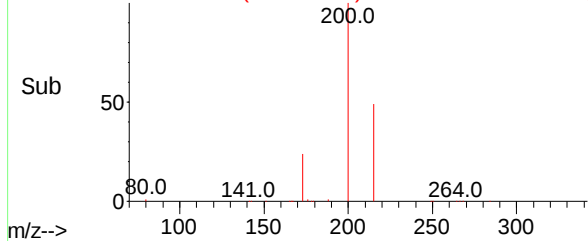
Atrazine  
Concen: 0.272 ng  
RT: 16.530 min Scan# 1363  
Delta R.T. 0.000 min  
Lab File: BN016374.D  
Acq: 21 Sep 2021 12:51

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

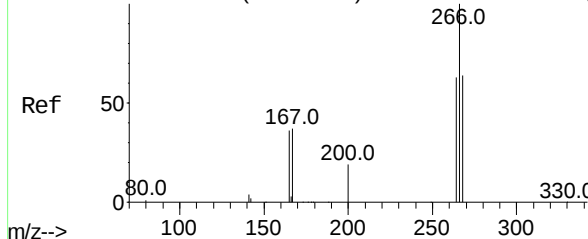
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 24.8  | 18.7  | 28.1  |
| 215     | 49.3  | 41.6  | 62.4  |



Abundance Scan 1363 (16.530 min): BN016374.D\data.ms (-1322) (-)

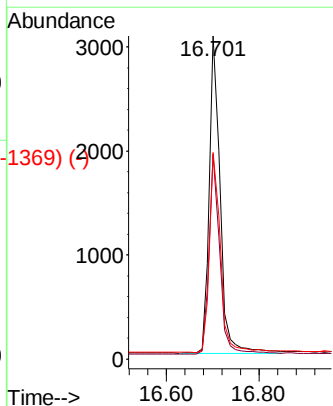
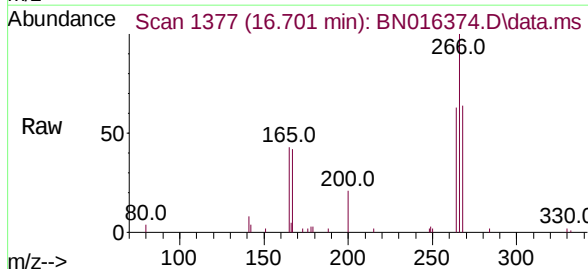


Abundance Scan 1378 (16.713 min): BN016302.D\data.ms (-1324) (-)

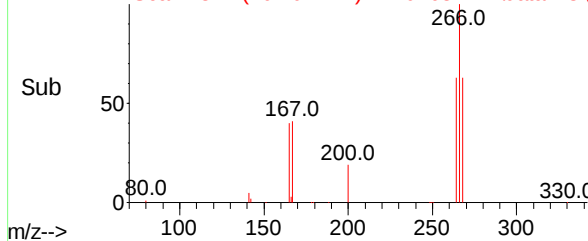


Pentachlorophenol  
Concen: 0.329 ng  
RT: 16.701 min Scan# 1377  
Delta R.T. 0.000 min  
Lab File: BN016374.D  
Acq: 21 Sep 2021 12:51

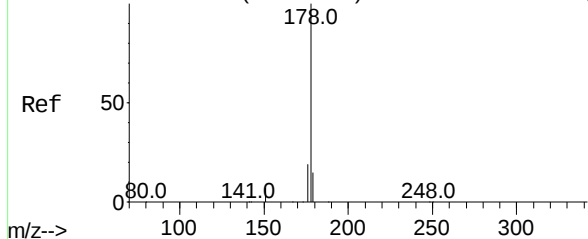
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 264     | 62.4  | 50.6  | 75.8  |
| 268     | 63.3  | 52.6  | 79.0  |



Abundance Scan 1377 (16.701 min): BN016374.D\data.ms (-1369) (-)



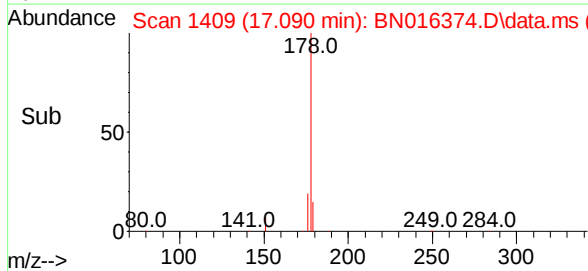
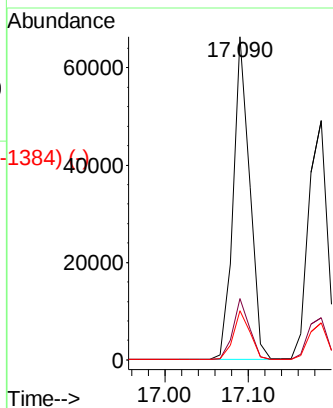
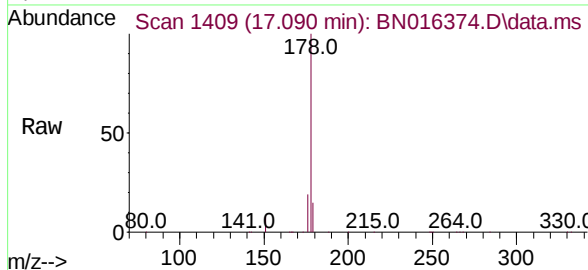
Abundance Scan 1410 (17.103 min): BN016302.D\data.ms (-1425) (-)



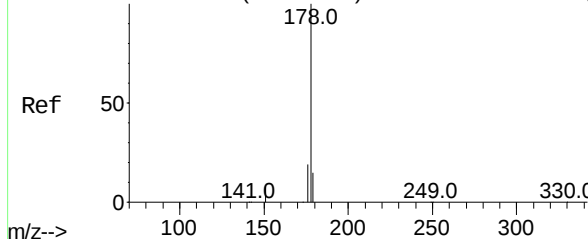
Phenanthrene  
Concen: 0.403 ng  
RT: 17.090 min Scan# 1409  
Delta R.T. 0.000 min  
Lab File: BN016374.D  
Acq: 21 Sep 2021 12:51

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 178   | Resp: | 91918 |
| Ion Ratio | Lower | Upper |       |
| 178       | 100   |       |       |
| 176       | 18.8  | 14.4  | 21.6  |
| 179       | 15.4  | 12.2  | 18.4  |

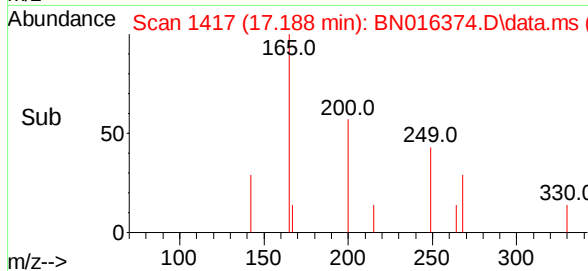
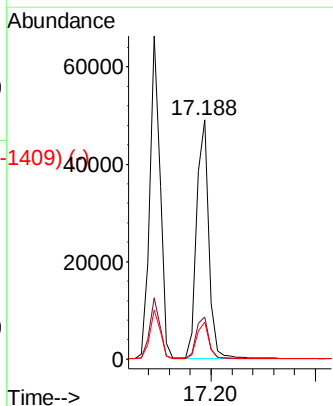
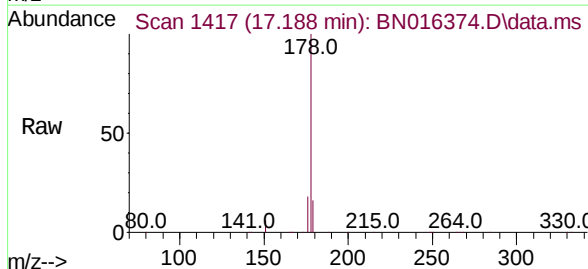


Abundance Scan 1417 (17.188 min): BN016302.D\data.ms (-1426) (-)

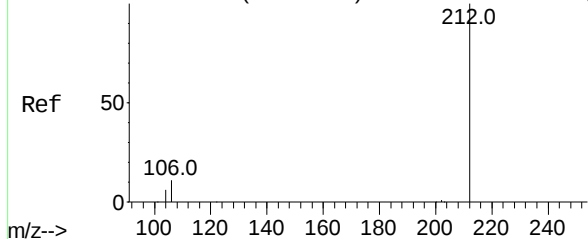


Anthracene  
Concen: 0.354 ng  
RT: 17.188 min Scan# 1417  
Delta R.T. 0.000 min  
Lab File: BN016374.D  
Acq: 21 Sep 2021 12:51

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 178   | Resp: | 78172 |
| Ion Ratio | Lower | Upper |       |
| 178       | 100   |       |       |
| 176       | 18.0  | 13.9  | 20.9  |
| 179       | 15.3  | 12.2  | 18.4  |



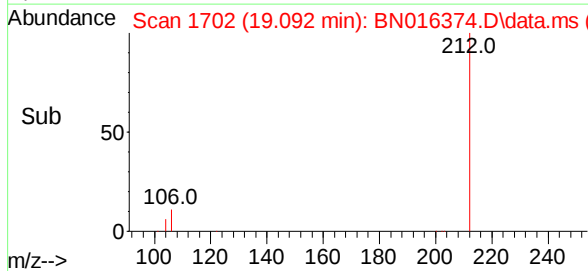
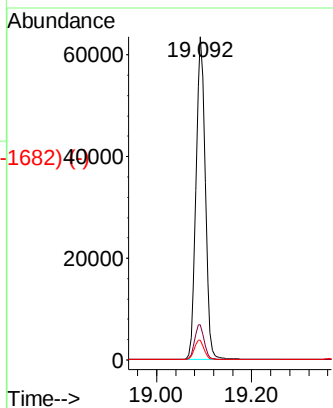
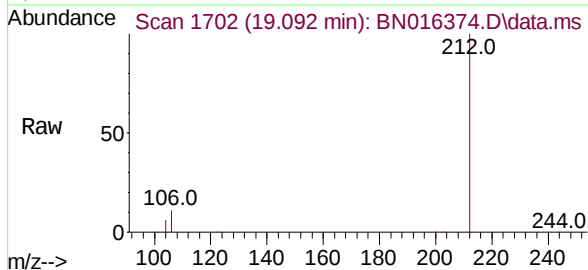
Abundance Scan 1704 (19.103 min): BN016302.D\data.ms (-1623) (-)



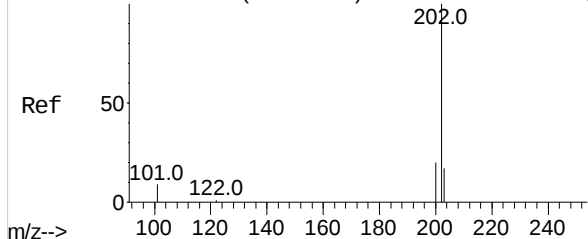
Fluoranthene-d10  
Concen: 0.367 ng  
RT: 19.092 min Scan# 1702  
Delta R.T. 0.000 min  
Lab File: BN016374.D  
Acq: 21 Sep 2021 12:51

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 212   | Resp: | 85624 |
| Ion Ratio | Lower | Upper |       |
| 212       | 100   |       |       |
| 106       | 11.1  | 9.8   | 14.6  |
| 104       | 6.1   | 5.4   | 8.2   |

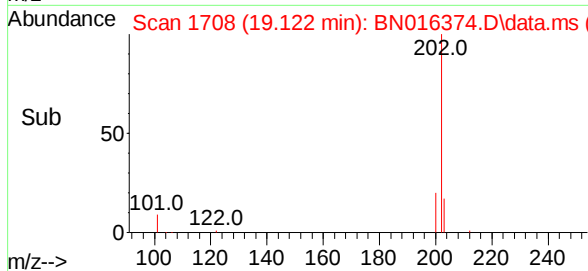
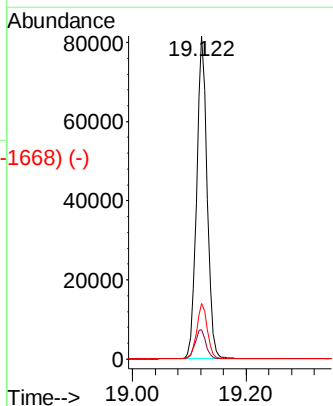
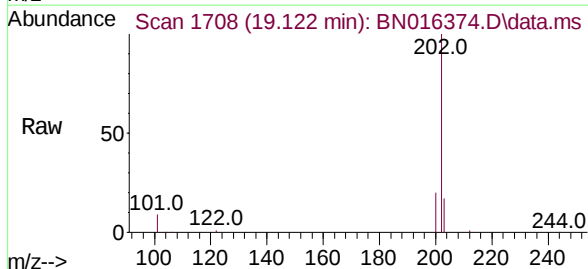


Abundance Scan 1710 (19.132 min): BN016302.D\data.ms (-1723) (-)



Fluoranthene  
Concen: 0.396 ng  
RT: 19.122 min Scan# 1708  
Delta R.T. 0.000 min  
Lab File: BN016374.D  
Acq: 21 Sep 2021 12:51

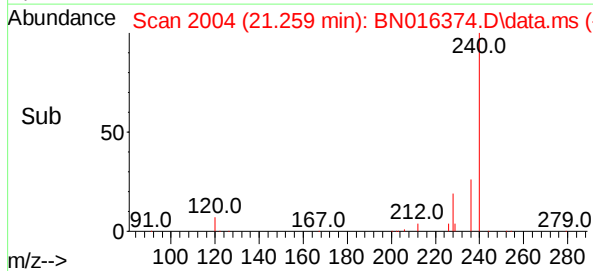
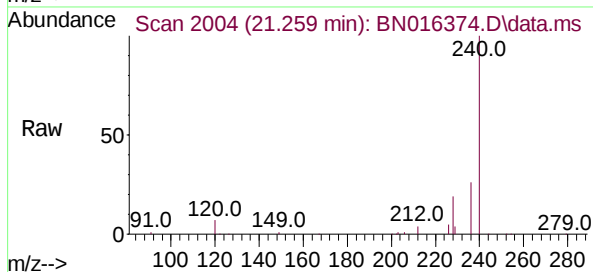
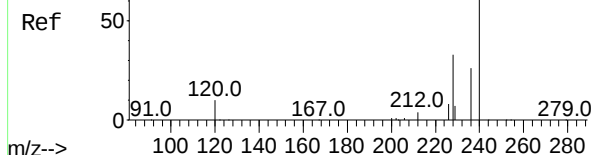
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 202   | Resp: | 103983 |
| Ion Ratio | Lower | Upper |        |
| 202       | 100   |       |        |
| 101       | 9.6   | 8.5   | 12.7   |
| 203       | 17.3  | 13.8  | 20.8   |



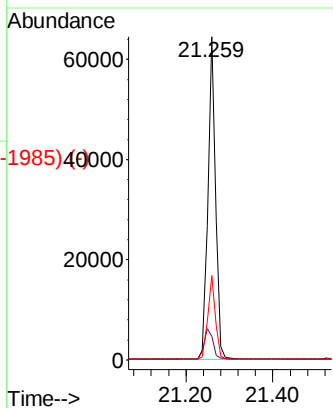
Abundance Scan 2004 (21.259 min): BN016302.D\data.ms (-1929) (-)

Chrysene-d12  
Concen: 0.400 ng  
RT: 21.259 min Scan# 2004  
Delta R.T. 0.000 min  
Lab File: BN016374.D  
Acq: 21 Sep 2021 12:51

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

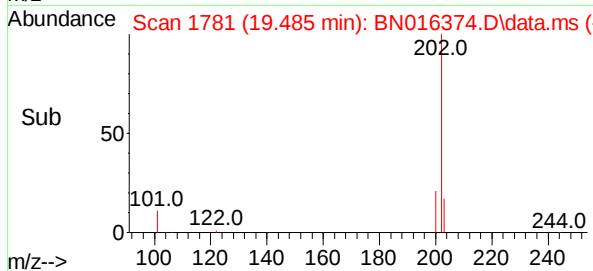
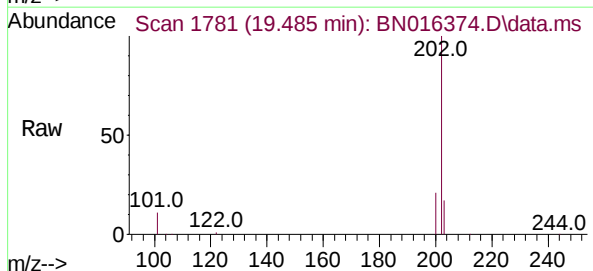
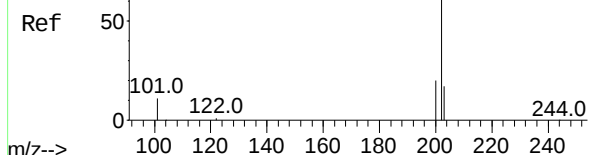


|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 240   | Resp: | 79432 |
| Ion Ratio | Lower | Upper |       |
| 240       | 100   |       |       |
| 120       | 7.3   | 5.3   | 7.9   |
| 236       | 26.2  | 19.8  | 29.8  |

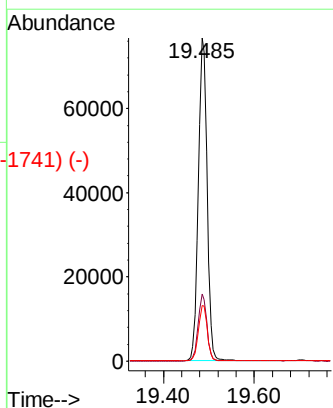


Abundance Scan 1783 (19.495 min): BN016302.D\data.ms (-1730) (-)

Pyrene  
Concen: 0.402 ng  
RT: 19.485 min Scan# 1781  
Delta R.T. 0.000 min  
Lab File: BN016374.D  
Acq: 21 Sep 2021 12:51



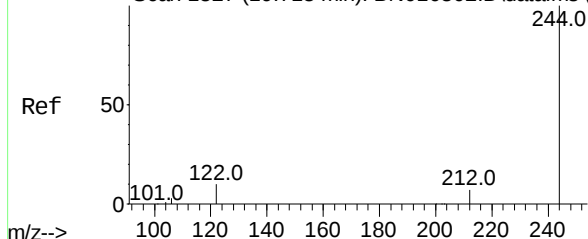
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 202   | Resp: | 100994 |
| Ion Ratio | Lower | Upper |        |
| 202       | 100   |       |        |
| 200       | 20.5  | 15.8  | 23.6   |
| 203       | 17.5  | 13.9  | 20.9   |



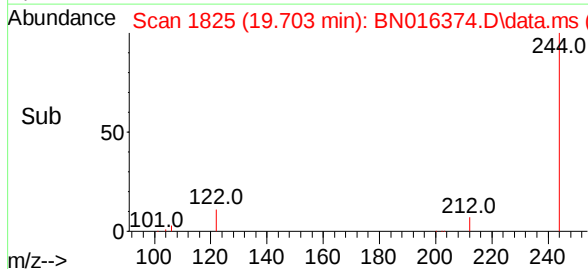
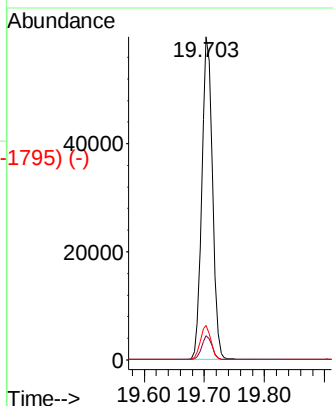
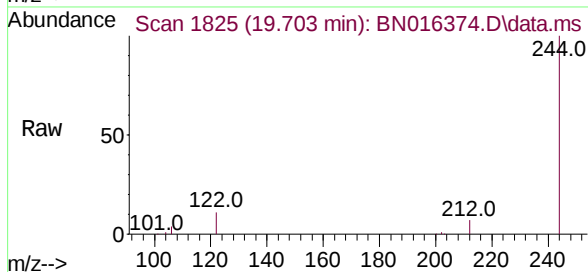
Abundance Scan 1827 (19.713 min): BN016302.D\data.ms (-1933) (-)

Terphenyl-d14  
Concen: 0.398 ng  
RT: 19.703 min Scan# 1825  
Delta R.T. 0.000 min  
Lab File: BN016374.D  
Acq: 21 Sep 2021 12:51

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

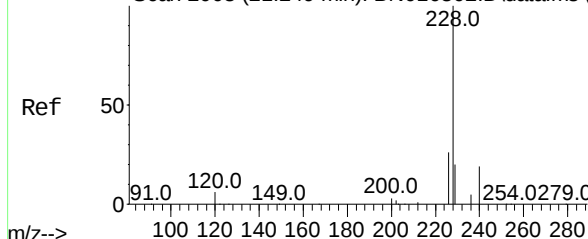


| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 244     | 100   |       |       |
| 212     | 7.4   | 5.5   | 8.3   |
| 122     | 10.6  | 9.0   | 13.4  |

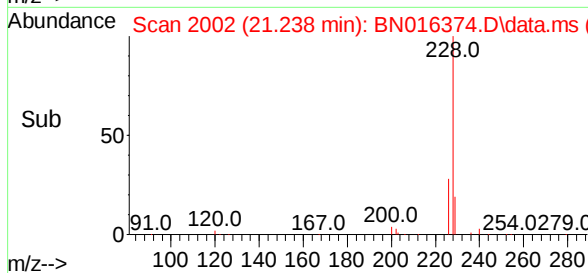
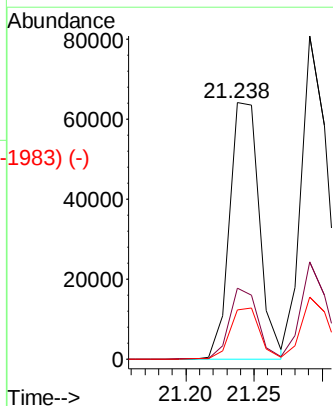
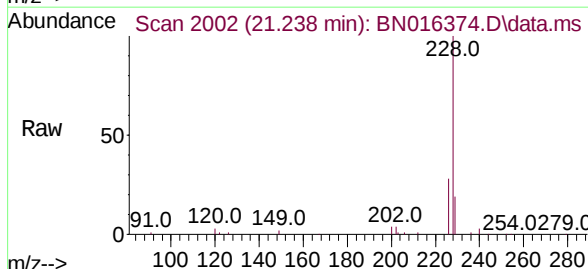


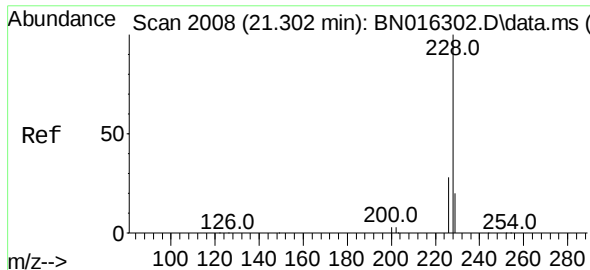
Abundance Scan 2003 (21.249 min): BN016302.D\data.ms (-1933) (-)

Benzo(a)anthracene  
Concen: 0.382 ng  
RT: 21.238 min Scan# 2002  
Delta R.T. 0.000 min  
Lab File: BN016374.D  
Acq: 21 Sep 2021 12:51



| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 27.7  | 20.8  | 31.2  |
| 229     | 19.1  | 15.8  | 23.6  |

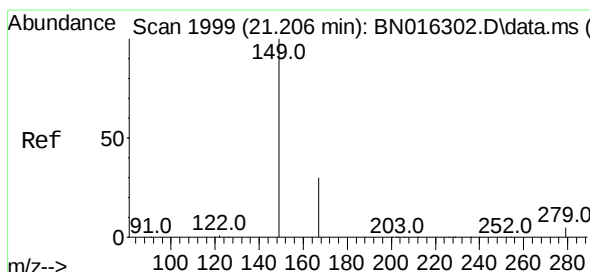
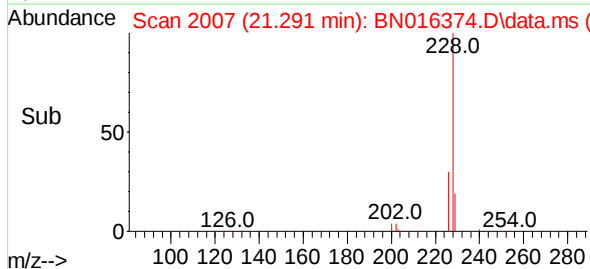
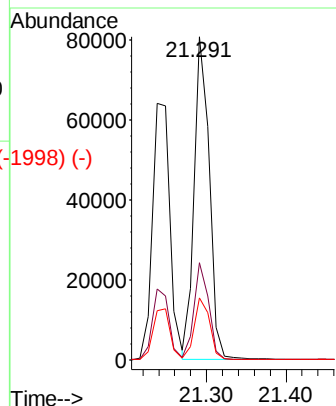
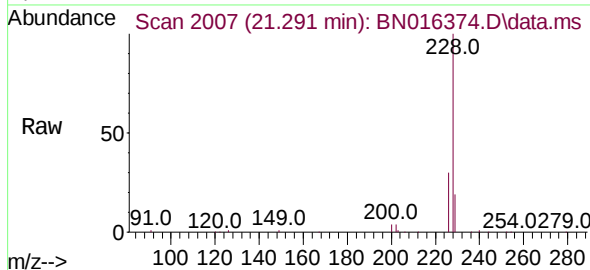




Chrysene  
Concen: 0.429 ng  
RT: 21.291 min Scan# 2007  
Delta R.T. 0.000 min  
Lab File: BN016374.D  
Acq: 21 Sep 2021 12:51

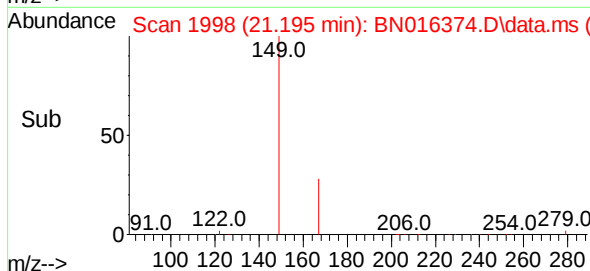
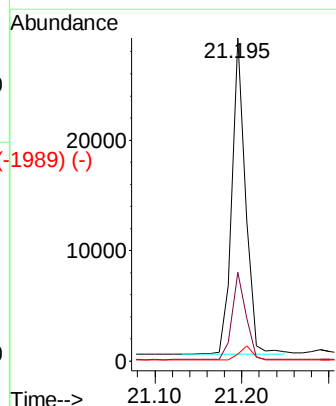
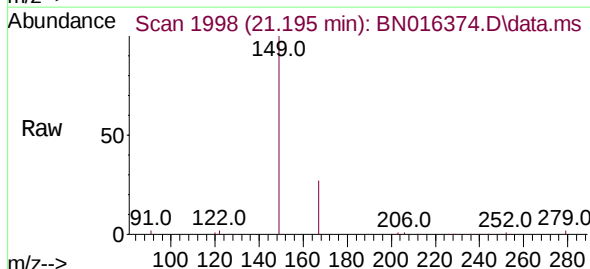
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 228   | Resp: | 105882 |
| Ion      | Ratio | Lower | Upper  |
| 228      | 100   |       |        |
| 226      | 30.2  | 23.0  | 34.4   |
| 229      | 19.2  | 15.6  | 23.4   |



Bis(2-ethylhexyl)phthalate  
Concen: 0.226 ng  
RT: 21.195 min Scan# 1998  
Delta R.T. 0.000 min  
Lab File: BN016374.D  
Acq: 21 Sep 2021 12:51

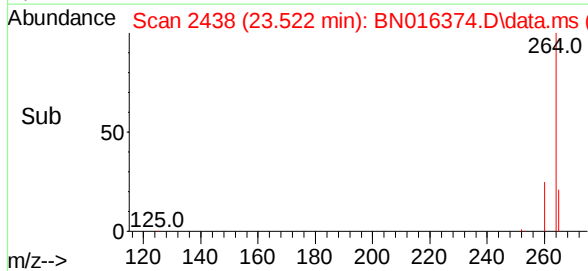
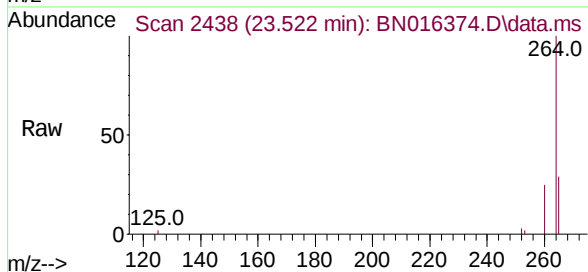
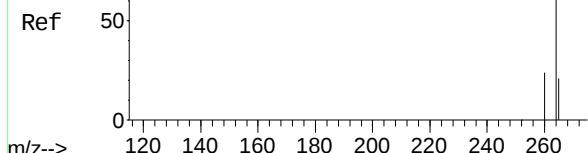
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 149   | Resp: | 31089 |
| Ion      | Ratio | Lower | Upper |
| 149      | 100   |       |       |
| 167      | 27.6  | 23.4  | 35.0  |
| 279      | 4.4   | 3.9   | 5.9   |



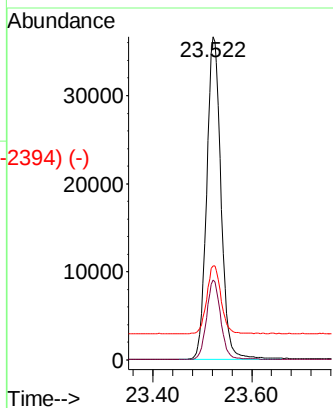
Abundance Scan 2439 (23.525 min): BN016302.D\data.ms (-2439) (-)

Perylene-d12  
Concen: 0.400 ng  
RT: 23.522 min Scan# 2438  
Delta R.T. 0.000 min  
Lab File: BN016374.D  
Acq: 21 Sep 2021 12:51

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

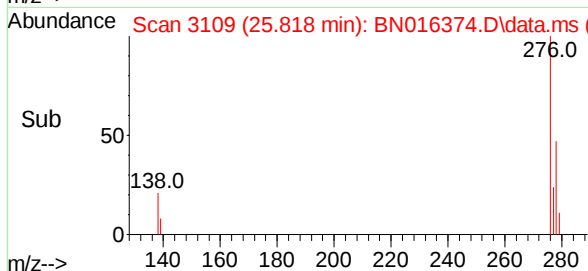
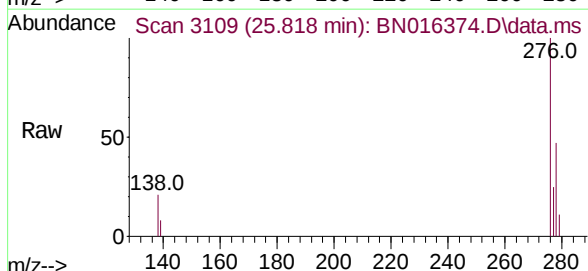
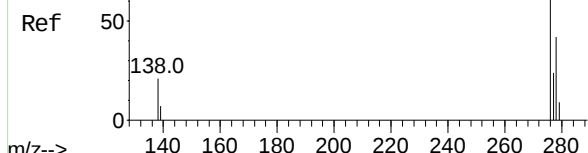


| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 24.7  | 18.9  | 28.3  |
| 265     | 29.1  | 23.7  | 35.5  |

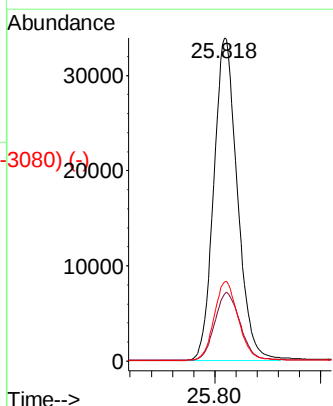


Abundance Scan 3110 (25.822 min): BN016302.D\data.ms (-3110) (-)

Indeno(1,2,3-cd)pyrene  
Concen: 0.443 ng  
RT: 25.818 min Scan# 3109  
Delta R.T. 0.000 min  
Lab File: BN016374.D  
Acq: 21 Sep 2021 12:51



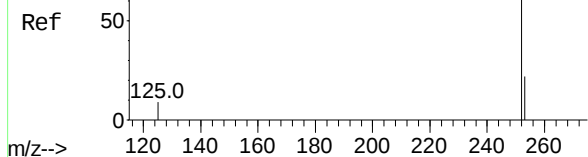
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 22.6  | 19.3  | 28.9  |
| 277     | 25.0  | 20.2  | 30.2  |



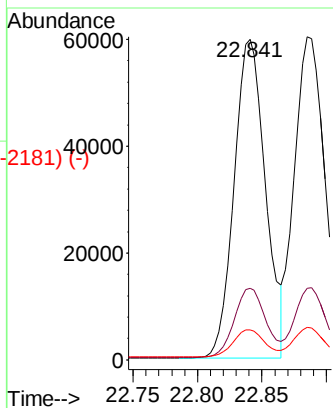
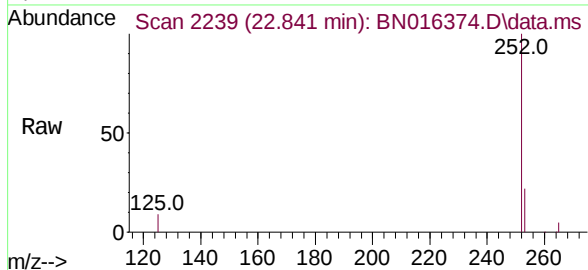
Abundance Scan 2239 (22.841 min): BN016302.D\data.ms (-2239) (-)

Benzo(b)fluoranthene  
Concen: 0.434 ng  
RT: 22.841 min Scan# 2239  
Delta R.T. 0.000 min  
Lab File: BN016374.D  
Acq: 21 Sep 2021 12:51

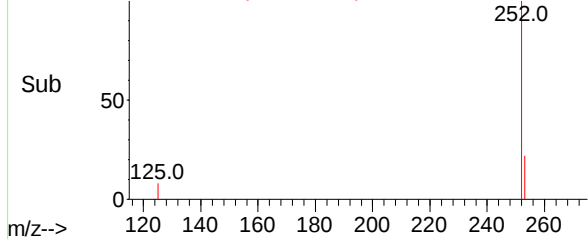
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4



| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.4  | 18.2  | 27.2  |
| 125     | 9.3   | 8.4   | 12.6  |



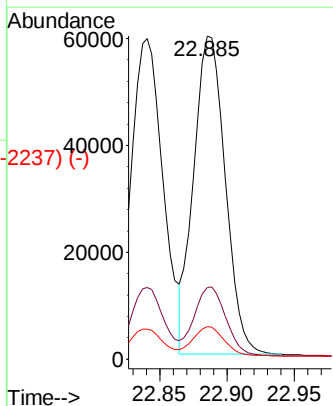
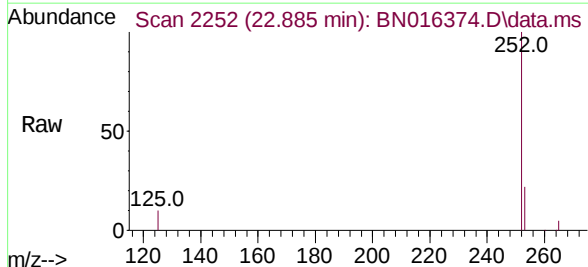
Abundance Scan 2239 (22.841 min): BN016374.D\data.ms (-2181) (-)



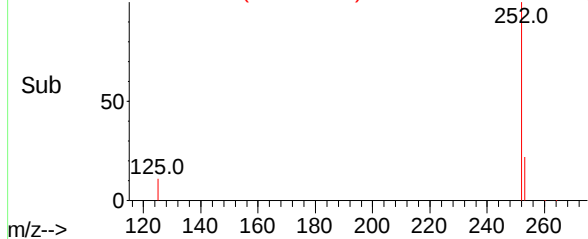
Abundance Scan 2252 (22.885 min): BN016302.D\data.ms (-2252) (-)

Benzo(k)fluoranthene  
Concen: 0.432 ng  
RT: 22.885 min Scan# 2252  
Delta R.T. 0.000 min  
Lab File: BN016374.D  
Acq: 21 Sep 2021 12:51

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.2  | 18.2  | 27.2  |
| 125     | 10.0  | 8.2   | 12.4  |



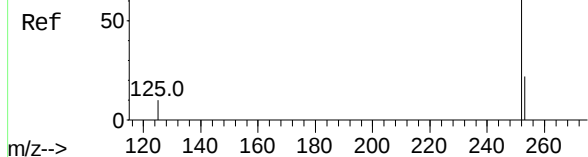
Abundance Scan 2252 (22.885 min): BN016374.D\data.ms (-2237) (-)



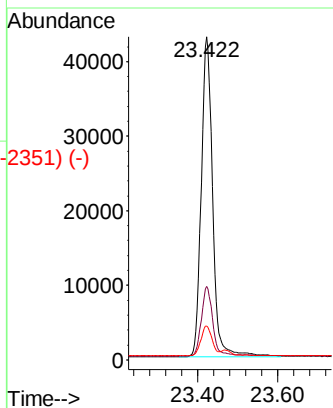
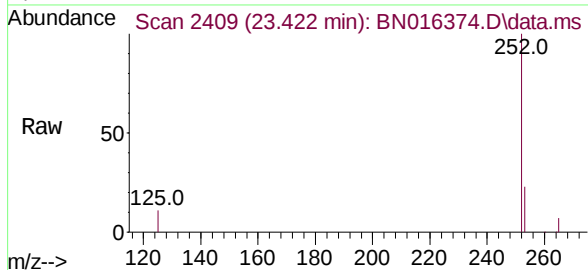
Abundance Scan 2409 (23.423 min): BN016302.D\data.ms (-2351) (-)

Benzo(a)pyrene  
Concen: 0.403 ng  
RT: 23.422 min Scan# 2409  
Delta R.T. 0.000 min  
Lab File: BN016374.D  
Acq: 21 Sep 2021 12:51

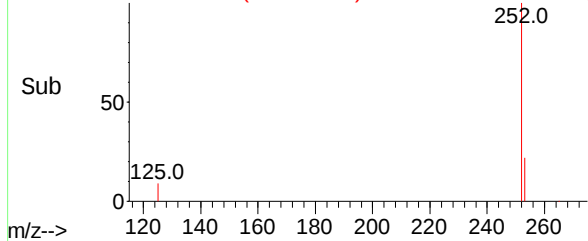
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4



|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 252   | Resp: | 84814 |
| Ion Ratio | Lower | Upper |       |
| 252       | 100   |       |       |
| 253       | 22.8  | 18.7  | 28.1  |
| 125       | 10.5  | 9.9   | 14.9  |



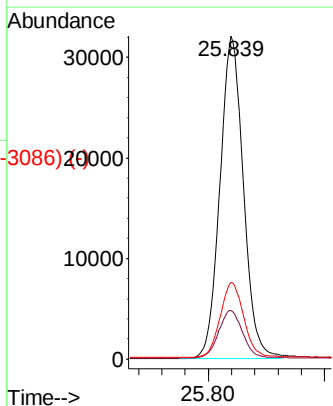
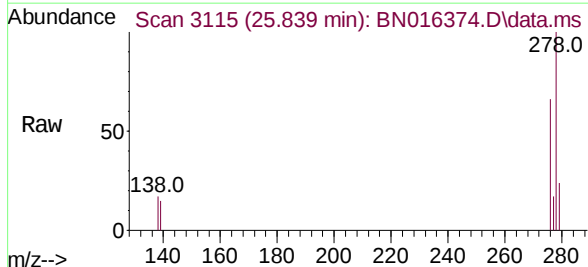
Abundance Scan 2409 (23.422 min): BN016374.D\data.ms (-2351) (-)



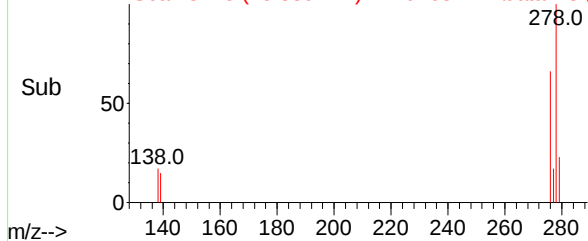
Abundance Scan 3117 (25.846 min): BN016302.D\data.ms (-3086) (-)

Dibenzo(a,h)anthracene  
Concen: 0.446 ng  
RT: 25.839 min Scan# 3115  
Delta R.T. 0.000 min  
Lab File: BN016374.D  
Acq: 21 Sep 2021 12:51

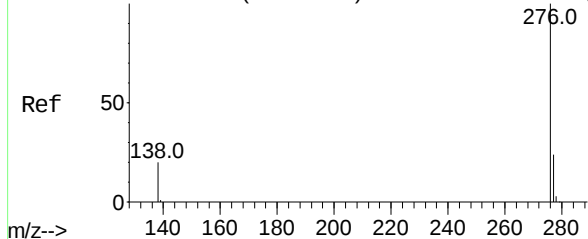
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 278   | Resp: | 89610 |
| Ion Ratio | Lower | Upper |       |
| 278       | 100   |       |       |
| 139       | 15.1  | 14.2  | 21.2  |
| 279       | 23.8  | 21.3  | 31.9  |



Abundance Scan 3115 (25.839 min): BN016374.D\data.ms (-3086) (-)



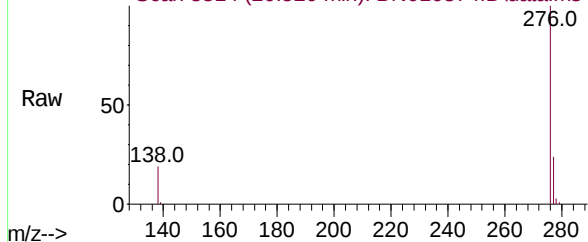
Abundance Scan 3315 (26.524 min): BN016302.D\data.ms (-3256) (-)



Benzo(g,h,i)perylene  
Concen: 0.454 ng  
RT: 26.520 min Scan# 3314  
Delta R.T. 0.000 min  
Lab File: BN016374.D  
Acq: 21 Sep 2021 12:51

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

Abundance Scan 3314 (26.520 min): BN016374.D\data.ms



|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 276   | Resp: | 90711 |
| Ion Ratio | Lower | Upper |       |
| 276       | 100   |       |       |
| 277       | 24.0  | 20.5  | 30.7  |
| 138       | 19.2  | 18.2  | 27.4  |

Abundance Scan 3314 (26.520 min): BN016374.D\data.ms (-3256) (-)

