

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN032021\  
 Data File : BN014003.D  
 Acq On : 19 Mar 2021 17:52  
 Operator : CG/JU  
 Sample : PB135252BS  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB135252BS

Quant Time: Mar 19 18:21:26 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN032021.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Mar 19 14:40:09 2021  
 Response via : Initial Calibration

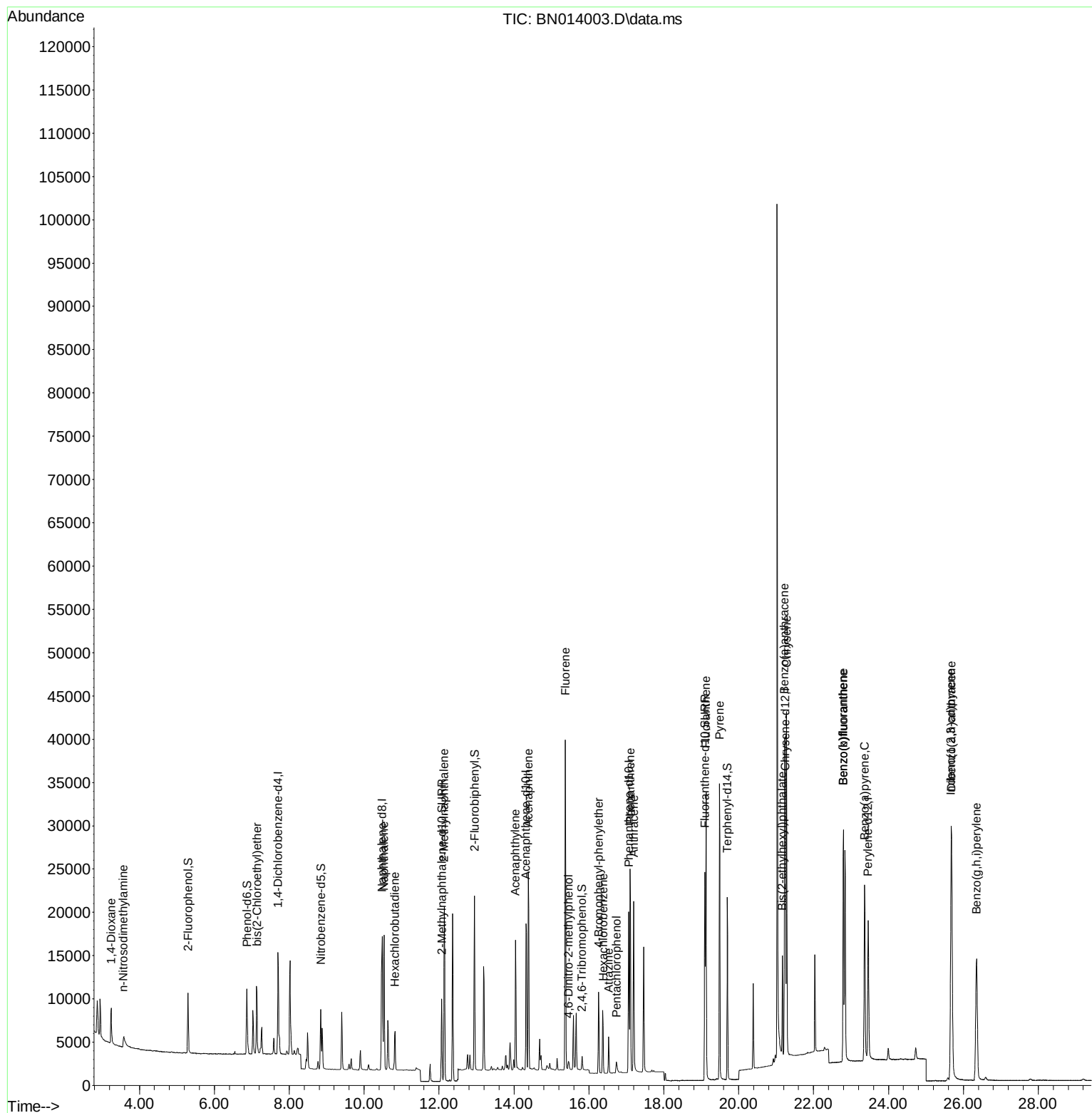
| Compound                      | R.T.   | QIon | Response | Conc | Units | Dev(Min) |
|-------------------------------|--------|------|----------|------|-------|----------|
| -----                         |        |      |          |      |       |          |
| Internal Standards            |        |      |          |      |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.700  | 152  | 5622     | 0.40 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.480 | 136  | 20405    | 0.40 | ng    | 0.00     |
| 13) Acenaphthene-d10          | 14.321 | 164  | 11040    | 0.40 | ng    | -0.01    |
| 19) Phenanthrene-d10          | 17.068 | 188  | 23368    | 0.40 | ng    | 0.00     |
| 29) Chrysene-d12              | 21.250 | 240  | 24066    | 0.40 | ng    | # 0.00   |
| 36) Perylene-d12              | 23.458 | 264  | 21678    | 0.40 | ng    | # 0.00   |
| System Monitoring Compounds   |        |      |          |      |       |          |
| 4) 2-Fluorophenol             | 5.300  | 112  | 5666     | 0.44 | ng    | 0.00     |
| 5) Phenol-d6                  | 6.871  | 99   | 7131     | 0.43 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 8.845  | 82   | 5304     | 0.39 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 12.071 | 152  | 12911    | 0.41 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.818 | 330  | 1167     | 0.32 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 12.951 | 172  | 17033    | 0.41 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.099 | 212  | 26902    | 0.41 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.700 | 244  | 21364    | 0.40 | ng    | 0.00     |
| Target Compounds              |        |      |          |      |       |          |
|                               |        |      |          |      |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.247  | 88   | 2903     | 0.39 | ng    | 100      |
| 3) n-Nitrosodimethylamine     | 3.577  | 42   | 1767     | 0.36 | ng    | # 98     |
| 6) bis(2-Chloroethyl)ether    | 7.137  | 93   | 6063     | 0.42 | ng    | 96       |
| 9) Naphthalene                | 10.530 | 128  | 21096    | 0.42 | ng    | 100      |
| 10) Hexachlorobutadiene       | 10.822 | 225  | 3931     | 0.41 | ng    | # 99     |
| 12) 2-Methylnaphthalene       | 12.142 | 142  | 13896    | 0.41 | ng    | 99       |
| 16) Acenaphthylene            | 14.042 | 152  | 16522    | 0.39 | ng    | 100      |
| 17) Acenaphthene              | 14.384 | 154  | 12551    | 0.40 | ng    | 100      |
| 18) Fluorene                  | 15.374 | 166  | 15693    | 0.40 | ng    | 99       |
| 20) 4,6-Dinitro-2-methylph... | 15.463 | 198  | 893      | 0.34 | ng    | # 78     |
| 21) 4-Bromophenyl-phenylether | 16.264 | 248  | 4748     | 0.40 | ng    | 92       |
| 22) Hexachlorobenzene         | 16.386 | 284  | 5707     | 0.41 | ng    | 98       |
| 23) Atrazine                  | 16.532 | 200  | 3147     | 0.38 | ng    | # 94     |
| 24) Pentachlorophenol         | 16.739 | 266  | 1071     | 0.33 | ng    | 93       |
| 25) Phenanthrene              | 17.104 | 178  | 26092    | 0.41 | ng    | 100      |
| 26) Anthracene                | 17.201 | 178  | 21159    | 0.40 | ng    | 99       |
| 28) Fluoranthene              | 19.129 | 202  | 29236    | 0.41 | ng    | 99       |
| 30) Pyrene                    | 19.491 | 202  | 29821    | 0.40 | ng    | 100      |
| 32) Benzo(a)anthracene        | 21.229 | 228  | 28254    | 0.41 | ng    | 98       |
| 33) Chrysene                  | 21.282 | 228  | 30304    | 0.41 | ng    | 98       |
| 34) Bis(2-ethylhexyl)phtha... | 21.165 | 149  | 10271    | 0.40 | ng    | 98       |
| 35) Indeno(1,2,3-cd)pyrene    | 25.673 | 276  | 34676    | 0.43 | ng    | 99       |
| 37) Benzo(b)fluoranthene      | 22.798 | 252  | 31957    | 0.41 | ng    | 98       |
| 38) Benzo(k)fluoranthene      | 22.798 | 252  | 31957    | 0.41 | ng    | 98       |
| 39) Benzo(a)pyrene            | 23.363 | 252  | 28472    | 0.42 | ng    | 99       |
| 40) Dibenzo(a,h)anthracene    | 25.687 | 278  | 29186    | 0.41 | ng    | 98       |
| 41) Benzo(g,h,i)perylene      | 26.351 | 276  | 30511    | 0.41 | ng    | 98       |
| -----                         |        |      |          |      |       |          |

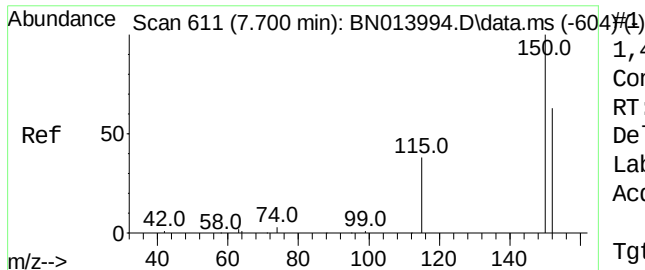
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN032021\  
 Data File : BN014003.D  
 Acq On : 19 Mar 2021 17:52  
 Operator : CG/JU  
 Sample : PB135252BS  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB135252BS

Quant Time: Mar 19 18:21:26 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN032021.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Mar 19 14:40:09 2021  
 Response via : Initial Calibration

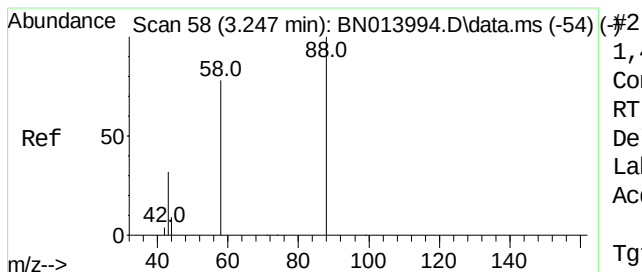
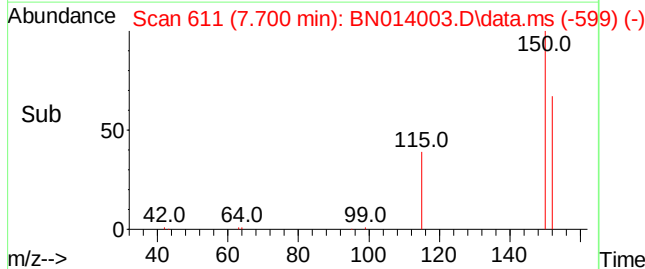
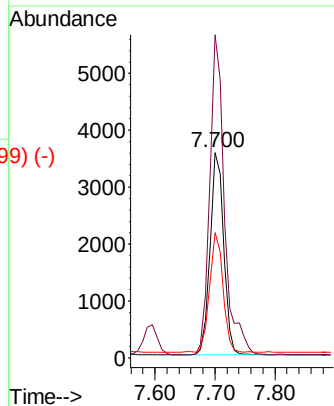
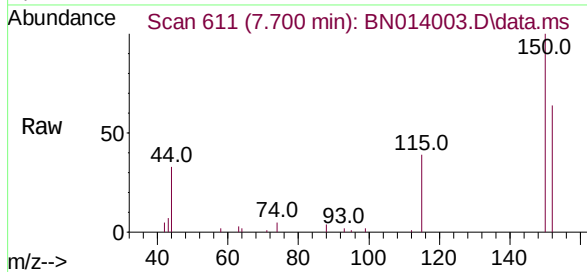




1,4-Dichlorobenzene-d4  
Concen: 0.40 ng  
RT: 7.700 min Scan# 611  
Delta R.T. 0.000 min  
Lab File: BN014003.D  
Acq: 19 Mar 2021 17:52

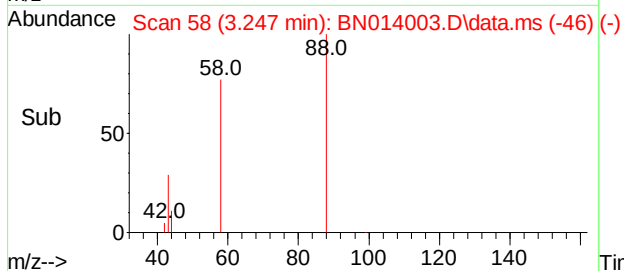
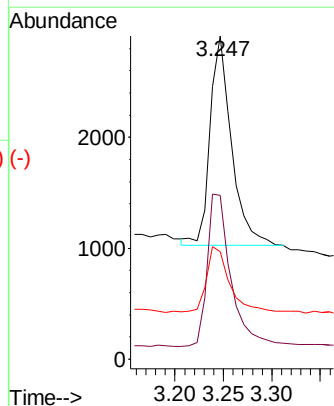
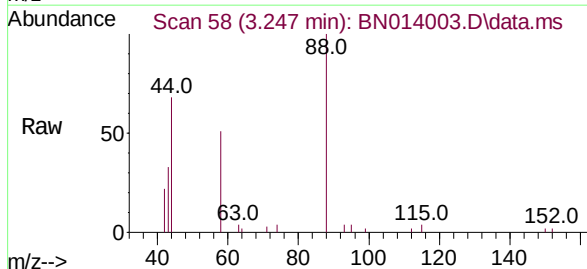
Instrument :  
BNA\_N  
ClientSampleId :  
PB135252BS

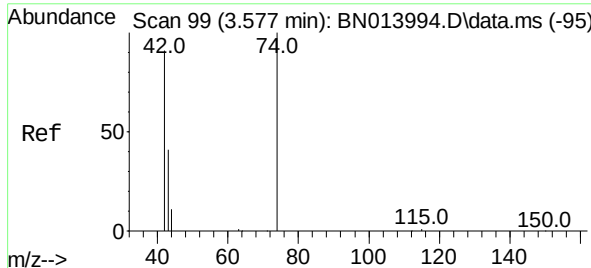
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 152   | Resp: | 5622  |
| Ion      | Ratio | Lower | Upper |
| 152      | 100   |       |       |
| 150      | 157.3 | 121.8 | 182.8 |
| 115      | 61.0  | 46.6  | 69.8  |



1,4-Dioxane  
Concen: 0.39 ng  
RT: 3.247 min Scan# 58  
Delta R.T. 0.000 min  
Lab File: BN014003.D  
Acq: 19 Mar 2021 17:52

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 88    | Resp: | 2903  |
| Ion      | Ratio | Lower | Upper |
| 88       | 100   |       |       |
| 58       | 80.9  | 64.6  | 96.8  |
| 43       | 33.1  | 26.6  | 40.0  |

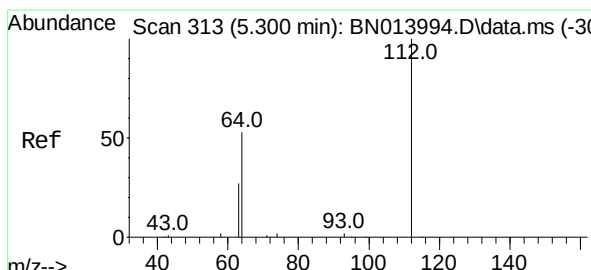
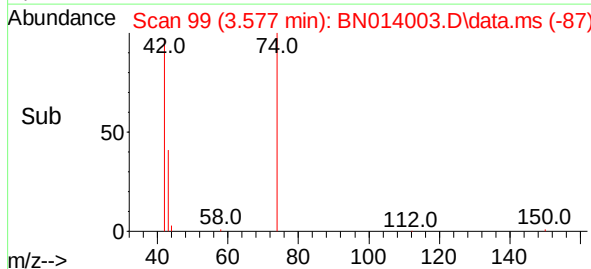
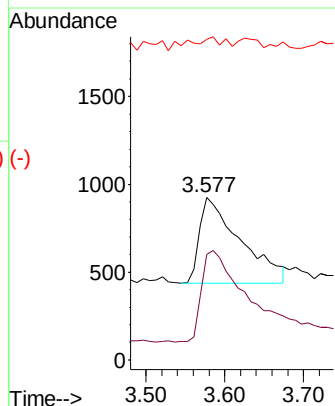
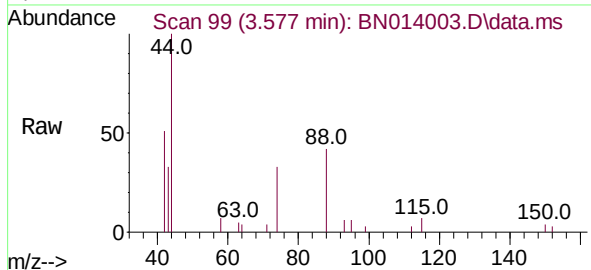




n-Nitrosodimethylamine  
Concen: 0.36 ng  
RT: 3.577 min Scan# 99  
Delta R.T. 0.000 min  
Lab File: BN014003.D  
Acq: 19 Mar 2021 17:52

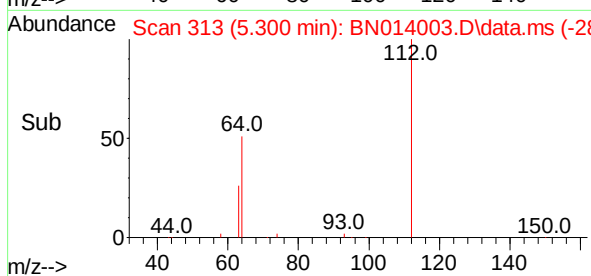
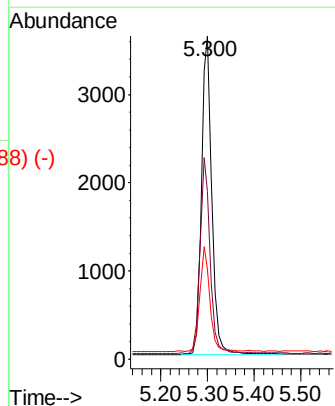
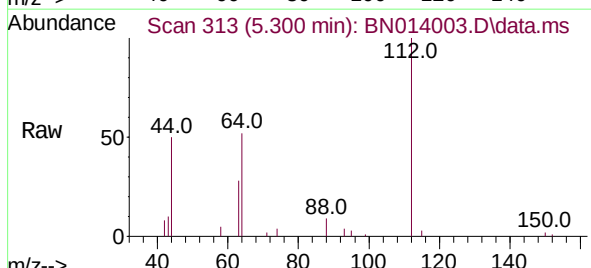
Instrument :  
BNA\_N  
ClientSampleId :  
PB135252BS

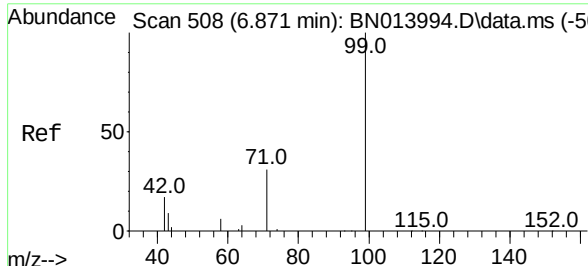
Tgt Ion: 42 Resp: 1767  
Ion Ratio Lower Upper  
42 100  
74 117.6 95.0 142.6  
44 13.5 5.8 8.8#



2-Fluorophenol  
Concen: 0.44 ng  
RT: 5.300 min Scan# 313  
Delta R.T. 0.000 min  
Lab File: BN014003.D  
Acq: 19 Mar 2021 17:52

Tgt Ion: 112 Resp: 5666  
Ion Ratio Lower Upper  
112 100  
64 60.1 44.3 66.5  
63 32.1 23.0 34.6

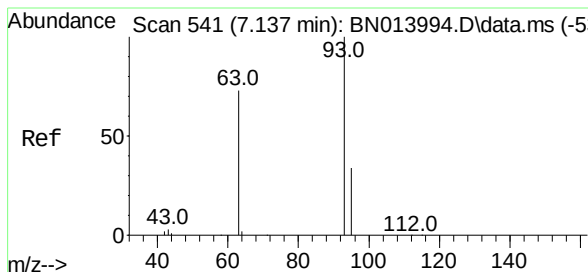
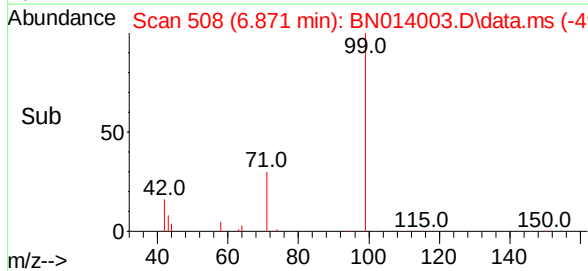
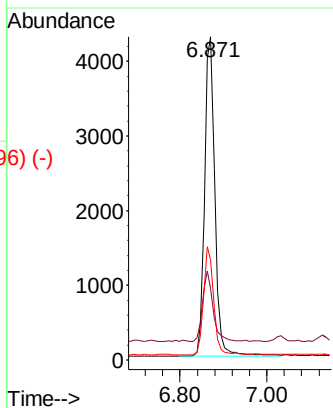
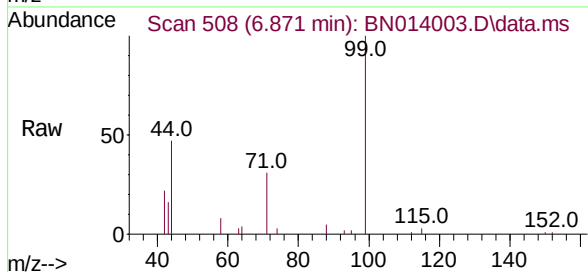




Phenol-d6  
 Concen: 0.43 ng  
 RT: 6.871 min Scan# 508  
 Delta R.T. 0.000 min  
 Lab File: BN014003.D  
 Acq: 19 Mar 2021 17:52

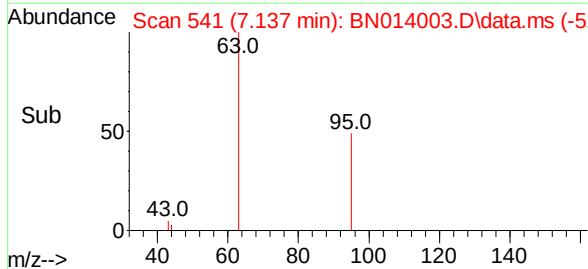
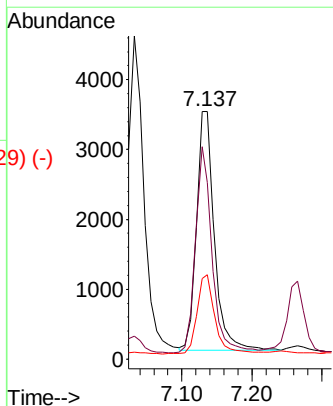
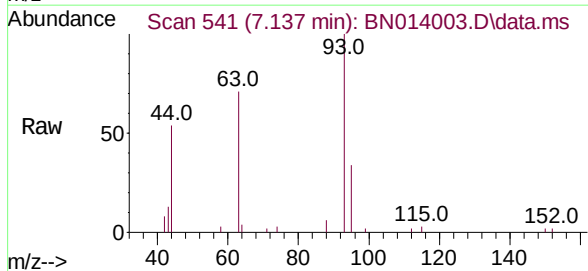
Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB135252BS

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 99    | Resp: | 7131  |
| Ion      | Ratio | Lower | Upper |
| 99       | 100   |       |       |
| 42       | 22.4  | 15.2  | 22.8  |
| 71       | 33.3  | 26.1  | 39.1  |

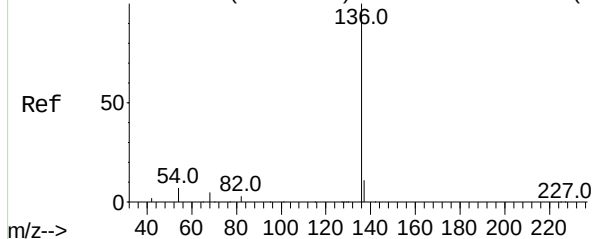


bis(2-Chloroethyl)ether  
 Concen: 0.42 ng  
 RT: 7.137 min Scan# 541  
 Delta R.T. 0.000 min  
 Lab File: BN014003.D  
 Acq: 19 Mar 2021 17:52

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 93    | Resp: | 6063  |
| Ion      | Ratio | Lower | Upper |
| 93       | 100   |       |       |
| 63       | 81.0  | 60.8  | 91.2  |
| 95       | 33.3  | 26.0  | 39.0  |



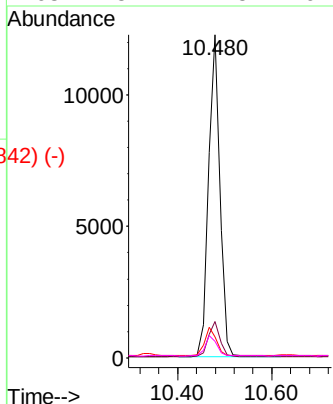
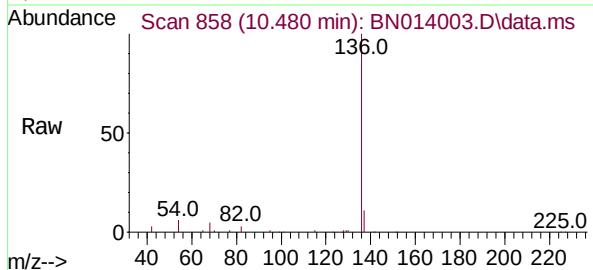
Abundance Scan 858 (10.480 min): BN013994.D\data.ms (-854)7(-)



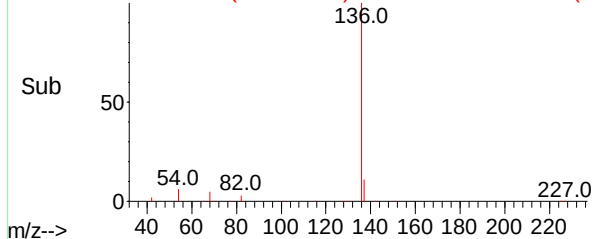
Naphthalene-d8  
Concen: 0.40 ng  
RT: 10.480 min Scan# 858  
Delta R.T. 0.000 min  
Lab File: BN014003.D  
Acq: 19 Mar 2021 17:52

Instrument :  
BNA\_N  
ClientSampleId :  
PB135252BS

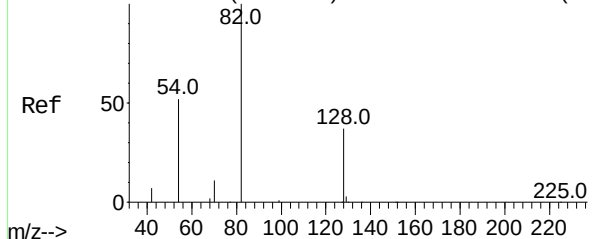
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 136   | Resp: | 20405 |
| Ion Ratio | Lower | Upper |       |
| 136       | 100   |       |       |
| 137       | 11.2  | 9.0   | 13.6  |
| 54        | 6.4   | 6.4   | 9.6   |
| 68        | 5.2   | 4.5   | 6.7   |



Abundance Scan 858 (10.480 min): BN014003.D\data.ms (-842) (-)

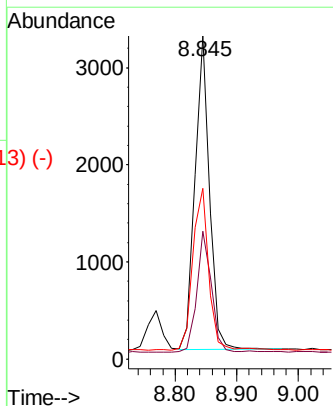
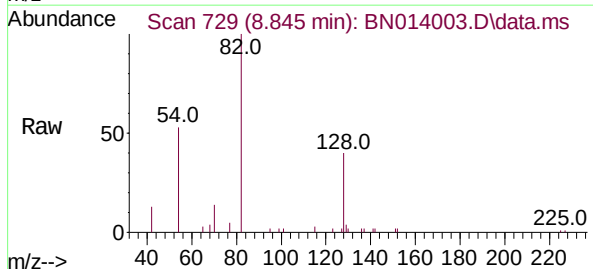


Abundance Scan 729 (8.845 min): BN013994.D\data.ms (-726)8

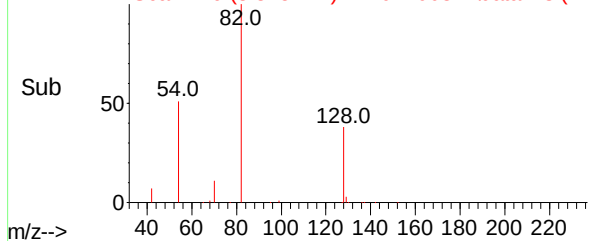


Nitrobenzene-d5  
Concen: 0.39 ng  
RT: 8.845 min Scan# 729  
Delta R.T. 0.000 min  
Lab File: BN014003.D  
Acq: 19 Mar 2021 17:52

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 82    | Resp: | 5304 |
| Ion Ratio | Lower | Upper |      |
| 82        | 100   |       |      |
| 128       | 39.6  | 39.2  | 58.8 |
| 54        | 52.8  | 40.1  | 60.1 |



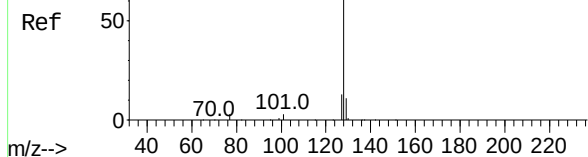
Abundance Scan 729 (8.845 min): BN014003.D\data.ms (-713) (-)



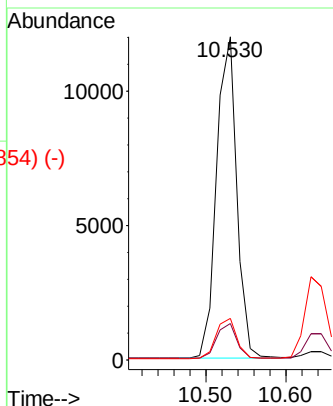
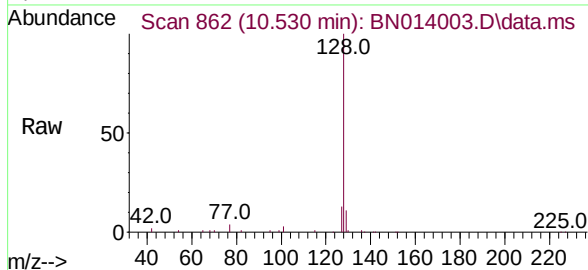
Abundance Scan 862 (10.530 min): BN013994.D\data.ms (-855) (-)

Naphthalene  
Concen: 0.42 ng  
RT: 10.530 min Scan# 862  
Delta R.T. 0.000 min  
Lab File: BN014003.D  
Acq: 19 Mar 2021 17:52

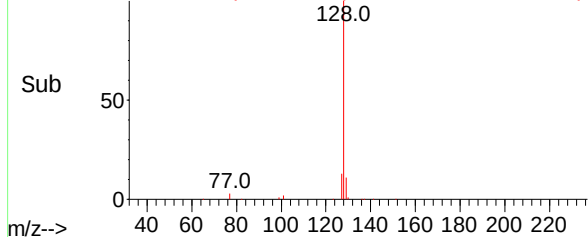
Instrument :  
BNA\_N  
ClientSampleId :  
PB135252BS



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 128   | Resp: | 21096 |
| Ion      | Ratio | Lower | Upper |
| 128      | 100   |       |       |
| 129      | 11.4  | 9.0   | 13.4  |
| 127      | 12.9  | 10.4  | 15.6  |



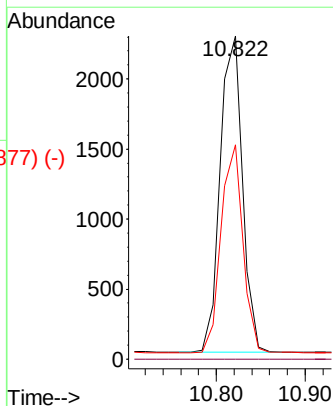
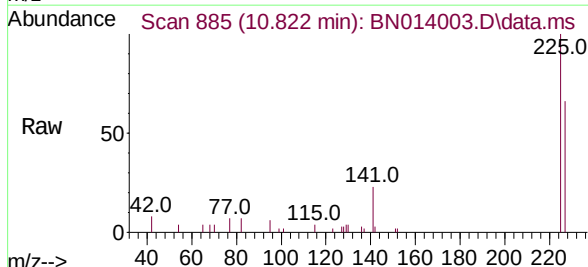
Abundance Scan 862 (10.530 min): BN014003.D\data.ms (-854) (-)



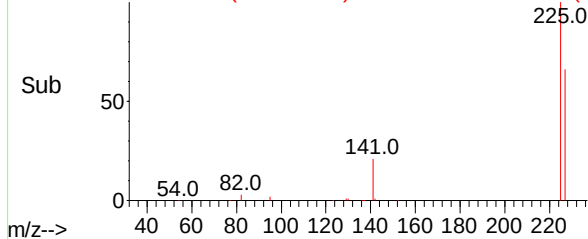
Abundance Scan 885 (10.822 min): BN013994.D\data.ms (-886) (-)

Hexachlorobutadiene  
Concen: 0.41 ng  
RT: 10.822 min Scan# 885  
Delta R.T. 0.000 min  
Lab File: BN014003.D  
Acq: 19 Mar 2021 17:52

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 225   | Resp: | 3931  |
| Ion      | Ratio | Lower | Upper |
| 225      | 100   |       |       |
| 223      | 0.0   | 0.0   | 0.0   |
| 227      | 64.7  | 51.2  | 76.8  |



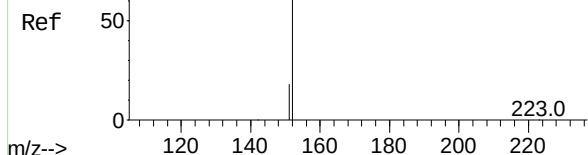
Abundance Scan 885 (10.822 min): BN014003.D\data.ms (-877) (-)



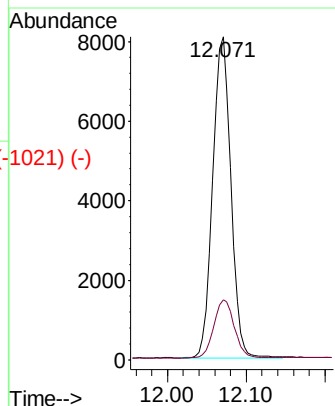
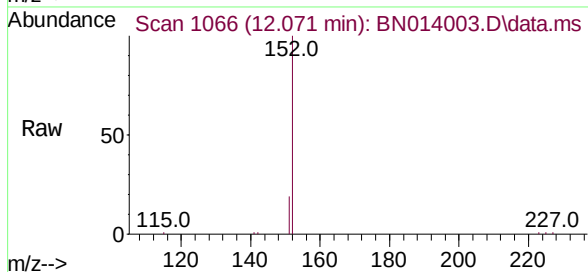
Abundance Scan 1066 (12.071 min): BN013994.D\data.ms (-1035) (-)

2-Methylnaphthalene-d10  
Concen: 0.41 ng  
RT: 12.071 min Scan# 1066  
Delta R.T. 0.000 min  
Lab File: BN014003.D  
Acq: 19 Mar 2021 17:52

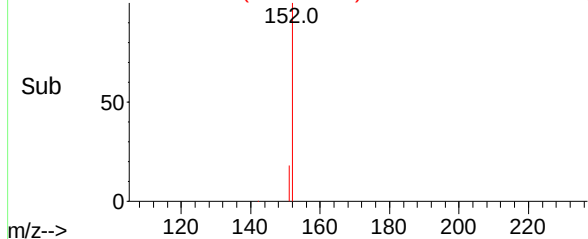
Instrument :  
BNA\_N  
ClientSampleId :  
PB135252BS



Tgt Ion:152 Resp: 12911  
Ion Ratio Lower Upper  
152 100  
151 20.2 16.2 24.2



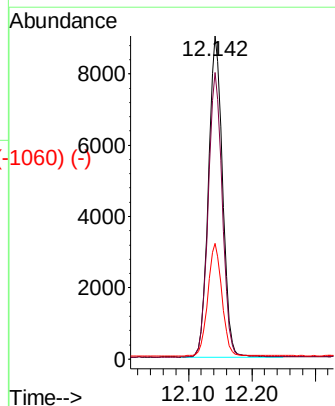
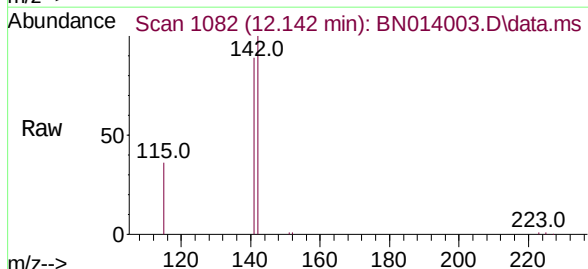
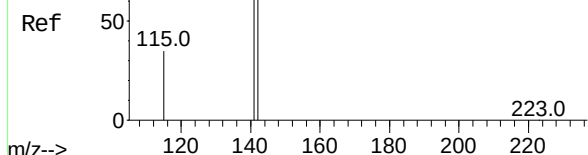
Abundance Scan 1066 (12.071 min): BN014003.D\data.ms (-1021) (-)



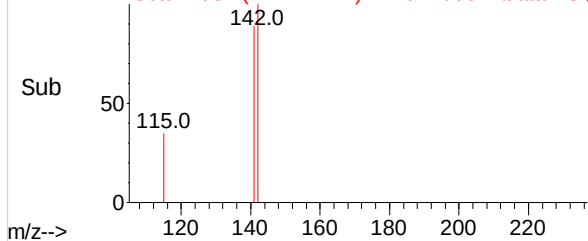
Abundance Scan 1082 (12.142 min): BN013994.D\data.ms (-1070) (-)

2-Methylnaphthalene  
Concen: 0.41 ng  
RT: 12.142 min Scan# 1082  
Delta R.T. 0.000 min  
Lab File: BN014003.D  
Acq: 19 Mar 2021 17:52

Tgt Ion:142 Resp: 13896  
Ion Ratio Lower Upper  
142 100  
141 88.7 70.5 105.7  
115 35.9 27.4 41.0



Abundance Scan 1082 (12.142 min): BN014003.D\data.ms (-1060) (-)

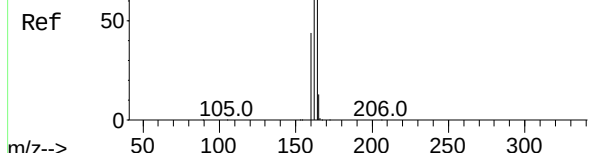




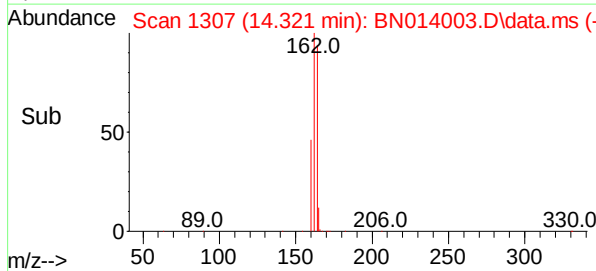
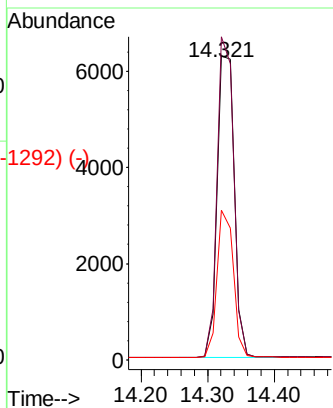
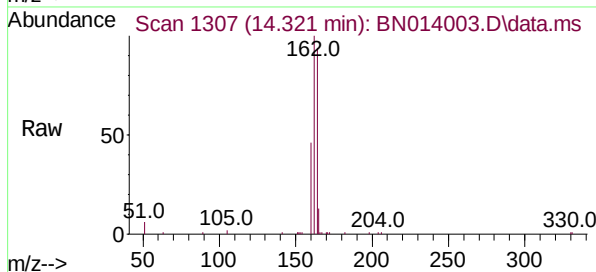
Abundance Scan 1308 (14.334 min): BN013994.D\data.ms (-1308) (-)

Acenaphthene-d10  
Concen: 0.40 ng  
RT: 14.321 min Scan# 1307  
Delta R.T. -0.013 min  
Lab File: BN014003.D  
Acq: 19 Mar 2021 17:52

Instrument :  
BNA\_N  
ClientSampleId :  
PB135252BS

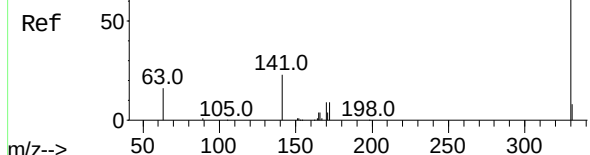


|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 164   | Resp: | 11040 |
| Ion Ratio | Lower | Upper |       |
| 164       | 100   |       |       |
| 162       | 106.2 | 79.6  | 119.4 |
| 160       | 49.3  | 36.0  | 54.0  |

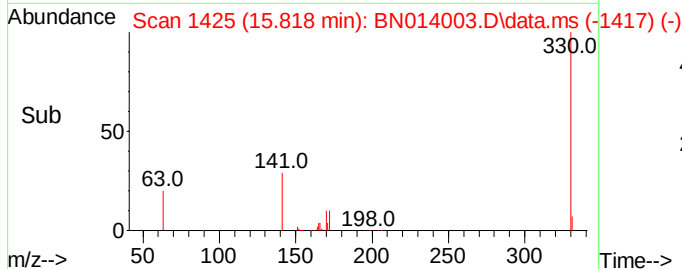
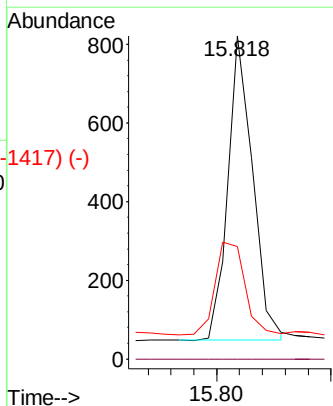
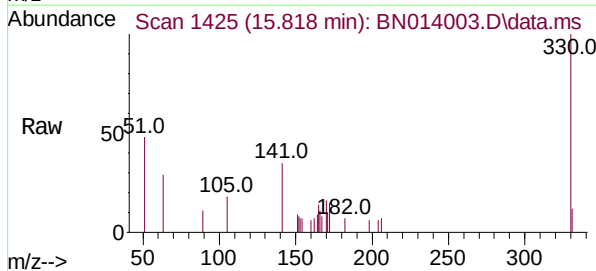


Abundance Scan 1425 (15.818 min): BN013994.D\data.ms (-1425) (-)

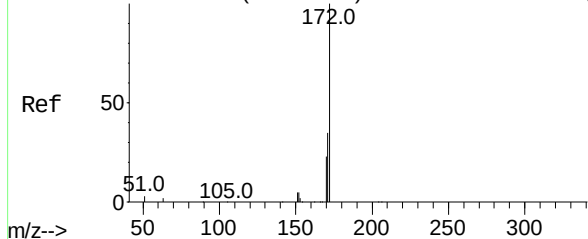
2,4,6-Tribromophenol  
Concen: 0.32 ng  
RT: 15.818 min Scan# 1425  
Delta R.T. 0.000 min  
Lab File: BN014003.D  
Acq: 19 Mar 2021 17:52



|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 330   | Resp: | 1167 |
| Ion Ratio | Lower | Upper |      |
| 330       | 100   |       |      |
| 332       | 0.0   | 0.0   | 0.0  |
| 141       | 36.3  | 26.8  | 40.2 |



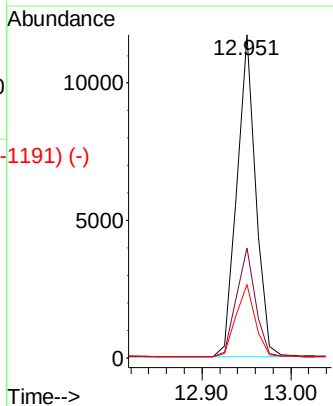
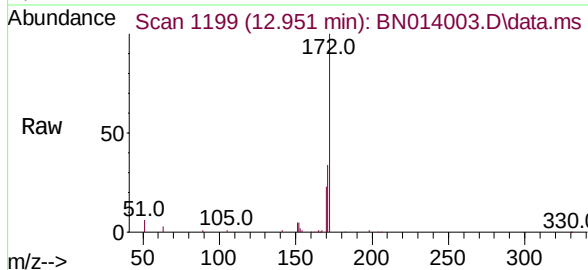
Abundance Scan 1199 (12.951 min): BN013994.D\data.ms (-1191) (-)



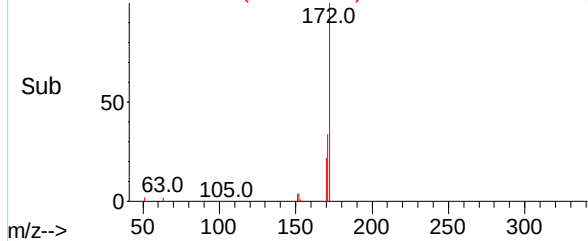
2-Fluorobiphenyl  
Concen: 0.41 ng  
RT: 12.951 min Scan# 1199  
Delta R.T. 0.000 min  
Lab File: BN014003.D  
Acq: 19 Mar 2021 17:52

Instrument :  
BNA\_N  
ClientSampleId :  
PB135252BS

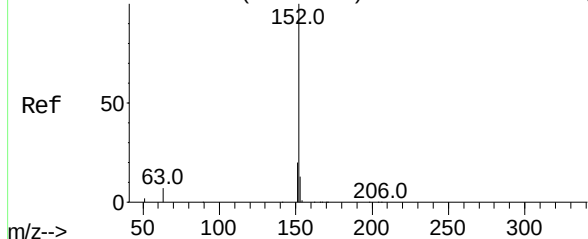
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 172   | Resp: | 17033 |
| Ion      | Ratio | Lower | Upper |
| 172      | 100   |       |       |
| 171      | 34.0  | 28.6  | 42.8  |
| 170      | 22.8  | 18.9  | 28.3  |



Abundance Scan 1199 (12.951 min): BN014003.D\data.ms (-1191) (-)

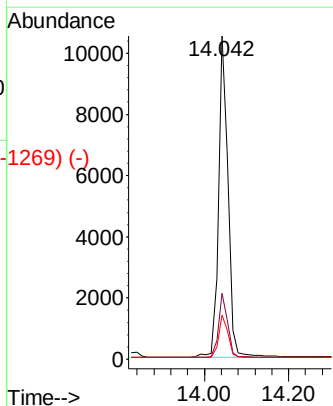
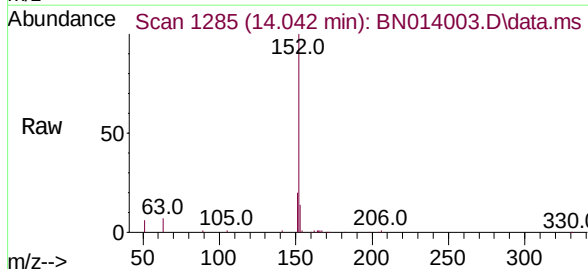


Abundance Scan 1285 (14.042 min): BN013994.D\data.ms (-1269) (-)

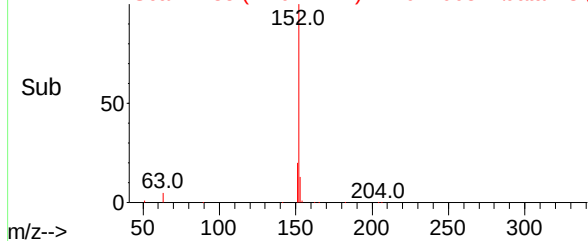


Acenaphthylene  
Concen: 0.39 ng  
RT: 14.042 min Scan# 1285  
Delta R.T. 0.000 min  
Lab File: BN014003.D  
Acq: 19 Mar 2021 17:52

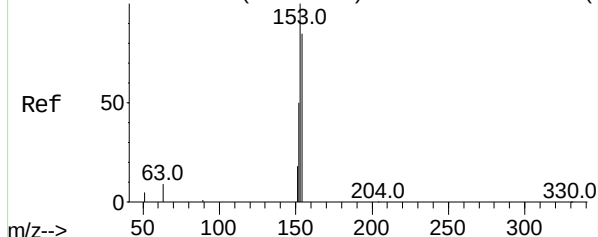
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 152   | Resp: | 16522 |
| Ion      | Ratio | Lower | Upper |
| 152      | 100   |       |       |
| 151      | 19.4  | 15.7  | 23.5  |
| 153      | 13.3  | 10.5  | 15.7  |



Abundance Scan 1285 (14.042 min): BN014003.D\data.ms (-1269) (-)



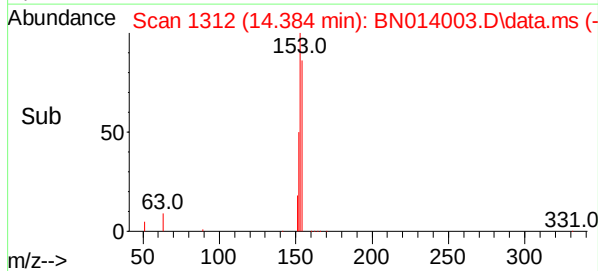
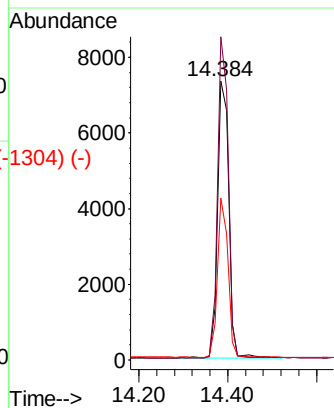
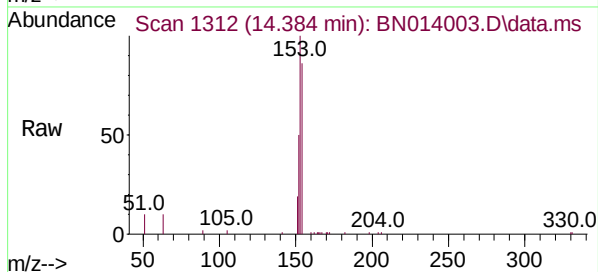
Abundance Scan 1312 (14.384 min): BN013994.D\data.ms (-1304) (-)



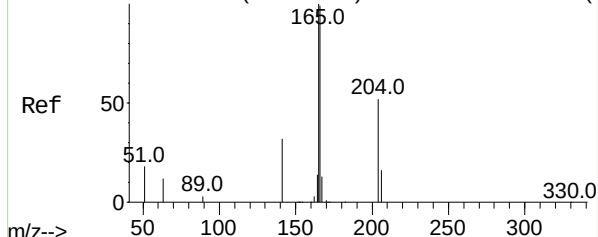
Acenaphthene  
Concen: 0.40 ng  
RT: 14.384 min Scan# 1312  
Delta R.T. 0.000 min  
Lab File: BN014003.D  
Acq: 19 Mar 2021 17:52

Instrument :  
BNA\_N  
ClientSampleId :  
PB135252BS

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 154   | Resp: | 12551 |
| Ion Ratio | Lower | Upper |       |
| 154       | 100   |       |       |
| 153       | 111.0 | 88.4  | 132.6 |
| 152       | 54.1  | 43.0  | 64.4  |

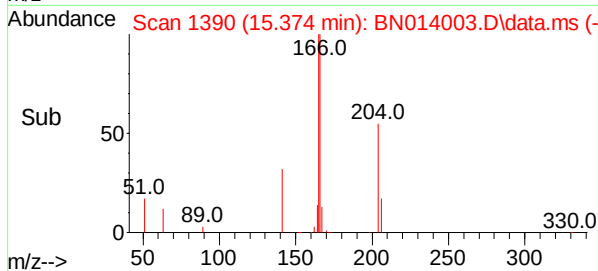
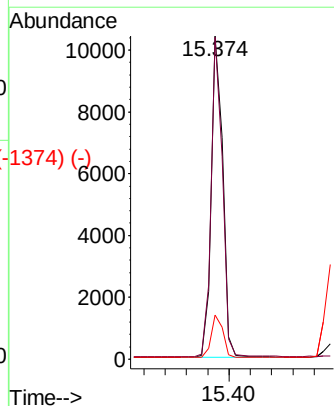
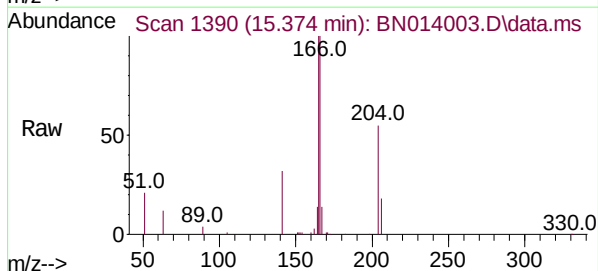


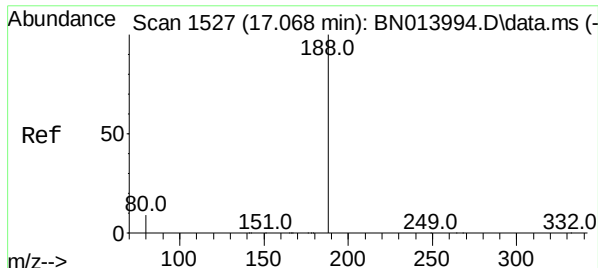
Abundance Scan 1390 (15.374 min): BN013994.D\data.ms (-1316) (-)



Fluorene  
Concen: 0.40 ng  
RT: 15.374 min Scan# 1390  
Delta R.T. 0.000 min  
Lab File: BN014003.D  
Acq: 19 Mar 2021 17:52

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 166   | Resp: | 15693 |
| Ion Ratio | Lower | Upper |       |
| 166       | 100   |       |       |
| 165       | 97.9  | 77.8  | 116.8 |
| 167       | 13.4  | 10.6  | 16.0  |

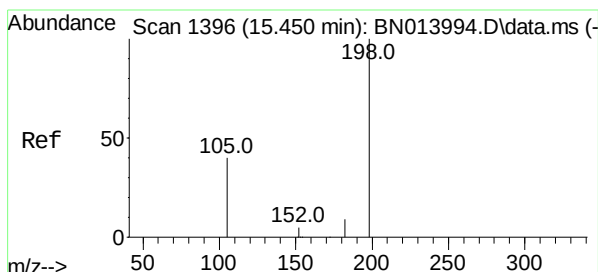
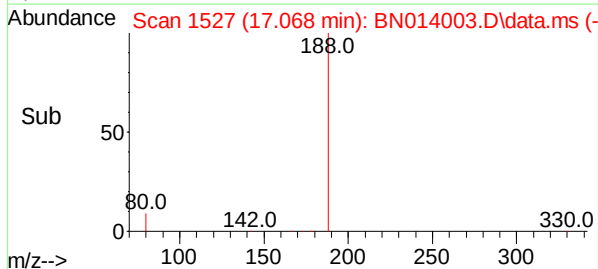
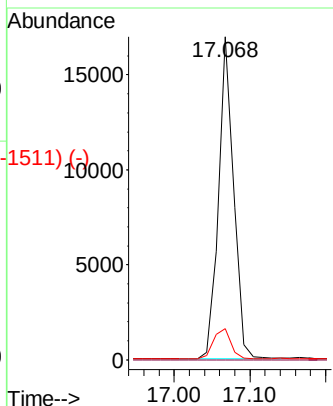
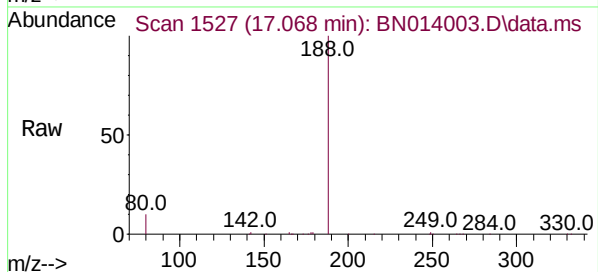




Scan 1527 (17.068 min): BN013994.D\data.ms (-1511) (-)  
 Phenanthrene-d10  
 Concen: 0.40 ng  
 RT: 17.068 min Scan# 1527  
 Delta R.T. 0.000 min  
 Lab File: BN014003.D  
 Acq: 19 Mar 2021 17:52

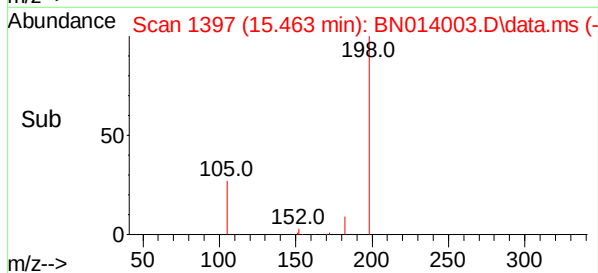
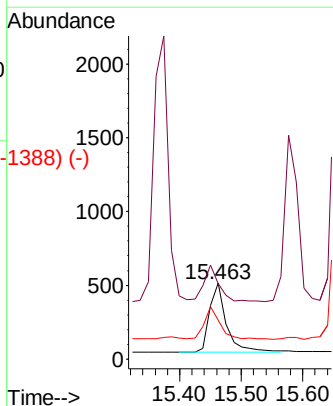
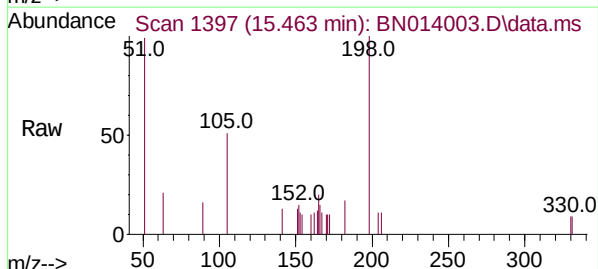
Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB135252BS

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 188   | Resp: | 23368 |
| Ion Ratio | Lower | Upper |       |
| 188       | 100   |       |       |
| 94        | 0.0   | 0.0   | 0.0   |
| 80        | 9.6   | 9.0   | 13.6  |



Scan 1396 (15.450 min): BN013994.D\data.ms (-1320) (-)  
 4,6-Dinitro-2-methylphenol  
 Concen: 0.34 ng  
 RT: 15.463 min Scan# 1397  
 Delta R.T. 0.013 min  
 Lab File: BN014003.D  
 Acq: 19 Mar 2021 17:52

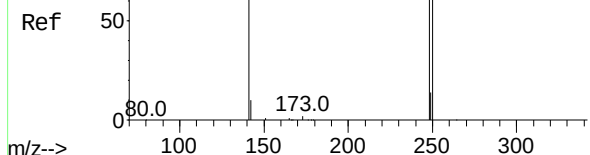
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 198   | Resp: | 893   |
| Ion Ratio | Lower | Upper |       |
| 198       | 100   |       |       |
| 51        | 99.4  | 61.7  | 92.5# |
| 105       | 51.5  | 33.0  | 49.6# |



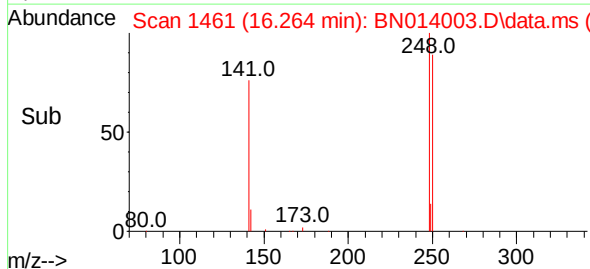
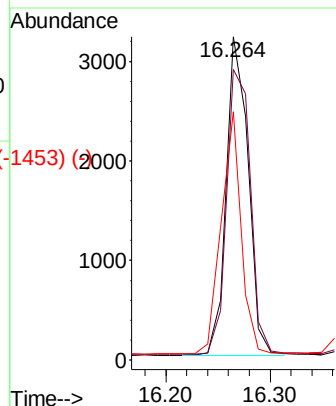
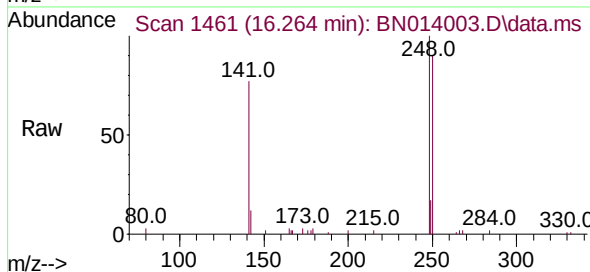
Abundance Scan 1461 (16.264 min): BN013994.D\data.ms (-1453) (-)

4-Bromophenyl-phenylether  
Concen: 0.40 ng  
RT: 16.264 min Scan# 1461  
Delta R.T. 0.000 min  
Lab File: BN014003.D  
Acq: 19 Mar 2021 17:52

Instrument :  
BNA\_N  
ClientSampleId :  
PB135252BS

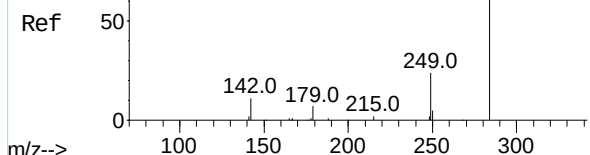


|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 248   | Resp: | 4748  |
| Ion      | Ratio | Lower | Upper |
| 248      | 100   |       |       |
| 250      | 89.9  | 75.5  | 113.3 |
| 141      | 76.9  | 53.8  | 80.8  |

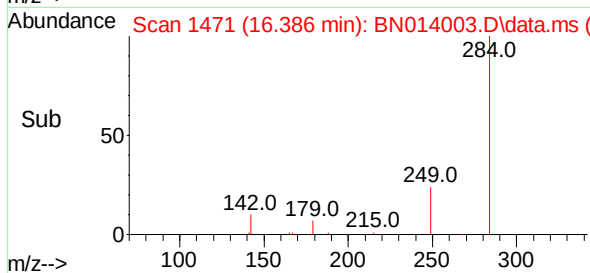
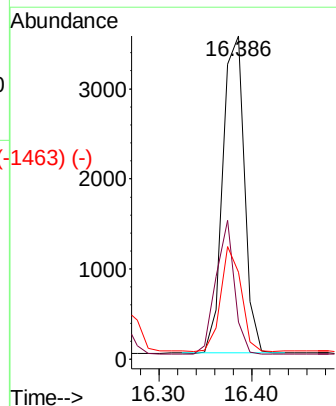
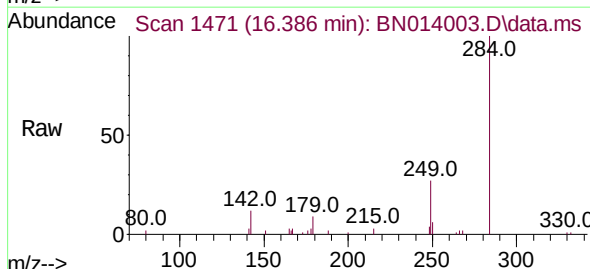


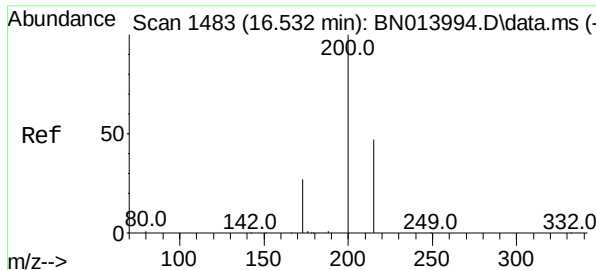
Abundance Scan 1471 (16.386 min): BN013994.D\data.ms (-1463) (-)

Hexachlorobenzene  
Concen: 0.41 ng  
RT: 16.386 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: BN014003.D  
Acq: 19 Mar 2021 17:52



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 284   | Resp: | 5707  |
| Ion      | Ratio | Lower | Upper |
| 284      | 100   |       |       |
| 142      | 36.1  | 27.9  | 41.9  |
| 249      | 30.9  | 24.2  | 36.2  |

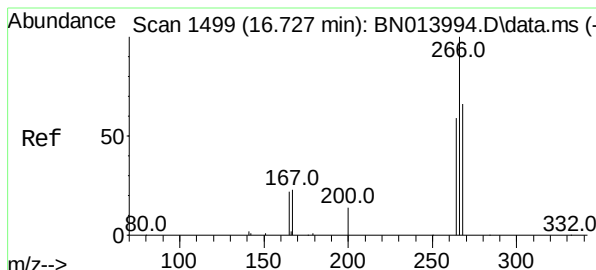
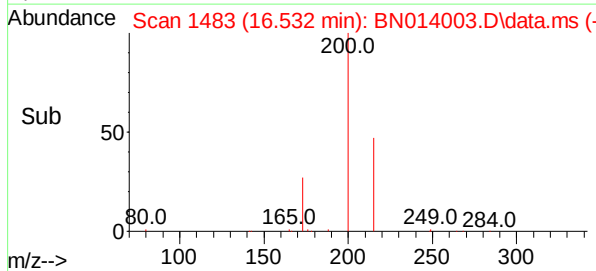
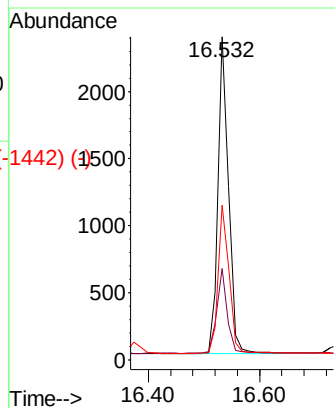
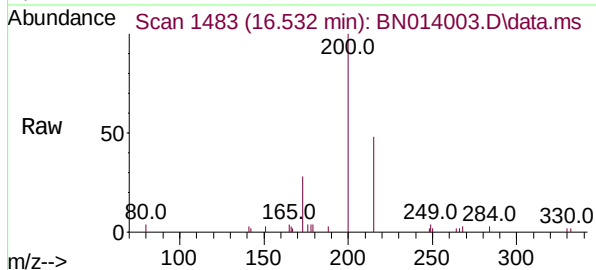




#23 (-)  
Atrazine  
Concen: 0.38 ng  
RT: 16.532 min Scan# 1483  
Delta R.T. 0.000 min  
Lab File: BN014003.D  
Acq: 19 Mar 2021 17:52

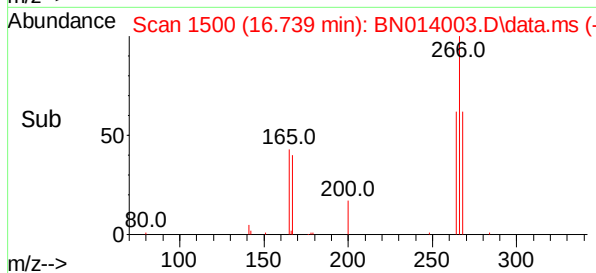
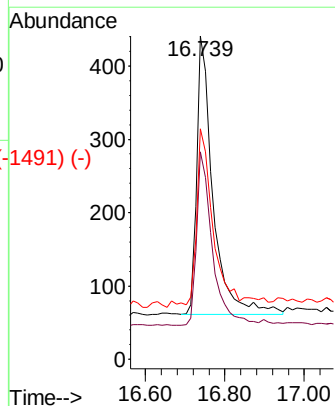
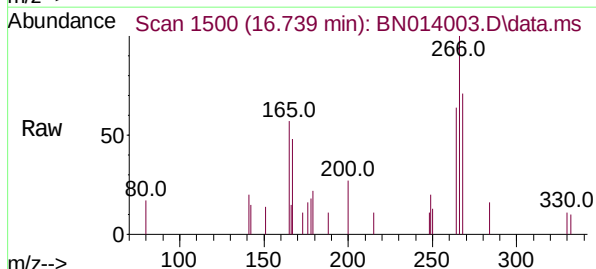
Instrument :  
BNA\_N  
ClientSampleId :  
PB135252BS

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 200   | Resp: | 3147  |
| Ion Ratio | Lower | Upper |       |
| 200       | 100   |       |       |
| 173       | 28.2  | 18.6  | 28.0# |
| 215       | 47.9  | 41.0  | 61.6  |

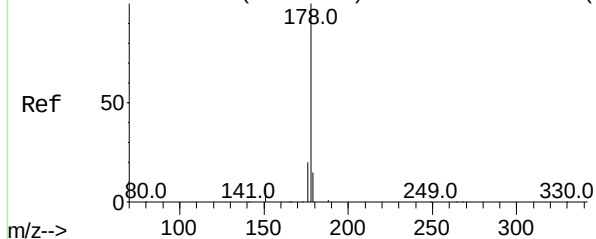


#24 (-)  
Pentachlorophenol  
Concen: 0.33 ng  
RT: 16.739 min Scan# 1500  
Delta R.T. 0.012 min  
Lab File: BN014003.D  
Acq: 19 Mar 2021 17:52

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 266   | Resp: | 1071 |
| Ion Ratio | Lower | Upper |      |
| 266       | 100   |       |      |
| 264       | 60.5  | 51.6  | 77.4 |
| 268       | 61.3  | 54.6  | 82.0 |



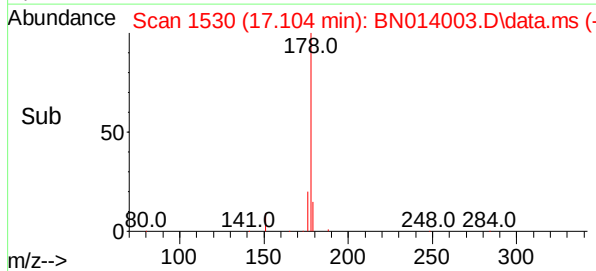
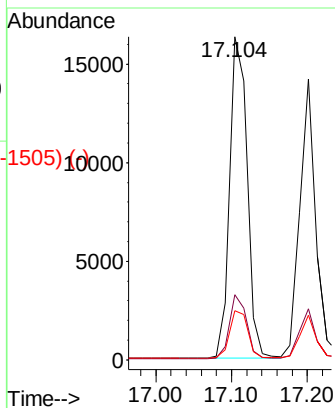
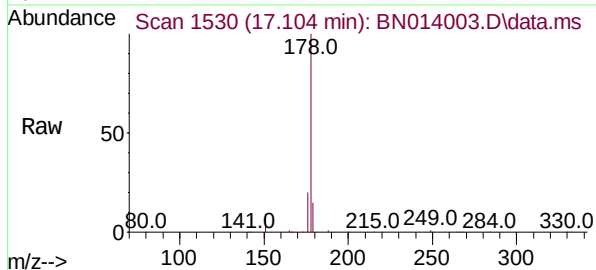
Abundance Scan 1530 (17.104 min): BN013994.D\data.ms (-1525) (-)



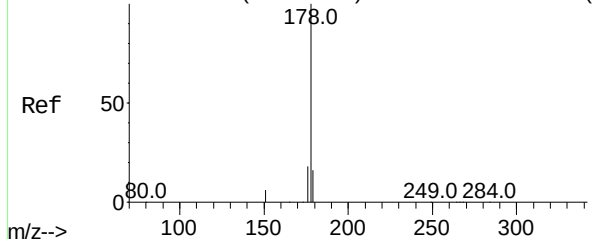
Phenanthrene  
Concen: 0.41 ng  
RT: 17.104 min Scan# 1530  
Delta R.T. 0.000 min  
Lab File: BN014003.D  
Acq: 19 Mar 2021 17:52

Instrument :  
BNA\_N  
ClientSampleId :  
PB135252BS

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 178   | Resp: | 26092 |
| Ion Ratio | Lower | Upper |       |
| 178       | 100   |       |       |
| 176       | 19.0  | 15.0  | 22.4  |
| 179       | 15.4  | 12.3  | 18.5  |

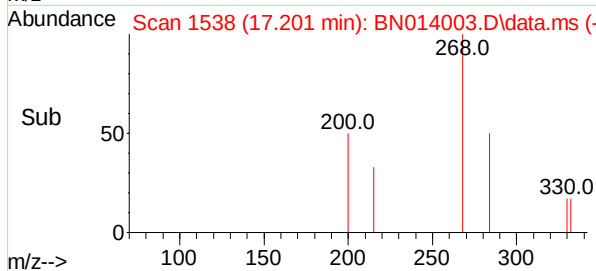
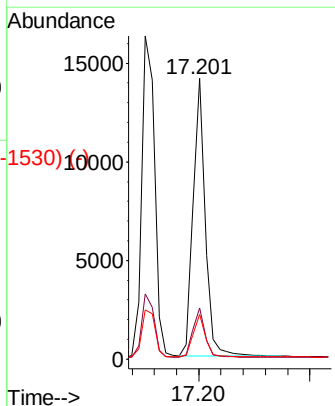
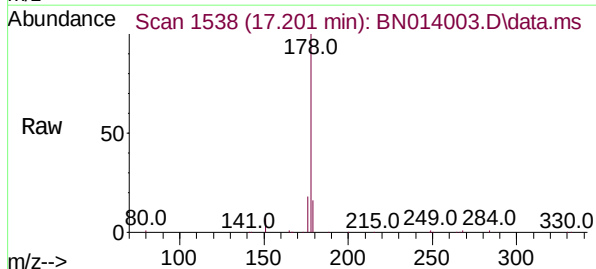


Abundance Scan 1538 (17.201 min): BN013994.D\data.ms (-1526) (-)



Anthracene  
Concen: 0.40 ng  
RT: 17.201 min Scan# 1538  
Delta R.T. 0.000 min  
Lab File: BN014003.D  
Acq: 19 Mar 2021 17:52

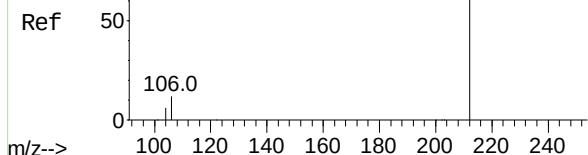
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 178   | Resp: | 21159 |
| Ion Ratio | Lower | Upper |       |
| 178       | 100   |       |       |
| 176       | 17.9  | 14.6  | 21.8  |
| 179       | 15.3  | 12.2  | 18.2  |



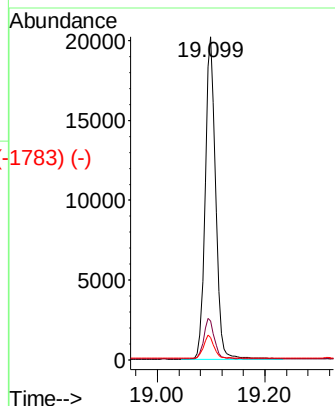
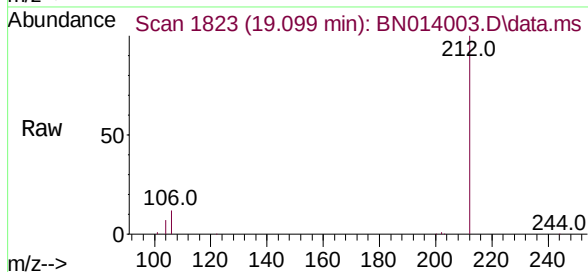
Abundance Scan 1823 (19.099 min): BN013994.D\data.ms (-1827) (-)

Fluoranthene-d10  
Concen: 0.41 ng  
RT: 19.099 min Scan# 1823  
Delta R.T. 0.000 min  
Lab File: BN014003.D  
Acq: 19 Mar 2021 17:52

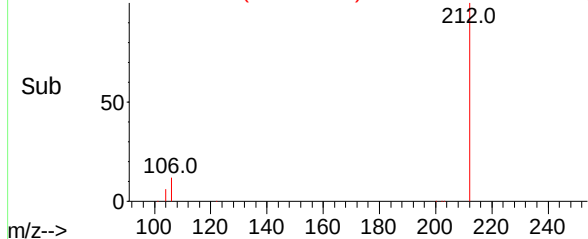
Instrument :  
BNA\_N  
ClientSampleId :  
PB135252BS



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 212   | Resp: | 26902 |
| Ion      | Ratio | Lower | Upper |
| 212      | 100   |       |       |
| 106      | 12.5  | 9.7   | 14.5  |
| 104      | 7.1   | 5.5   | 8.3   |



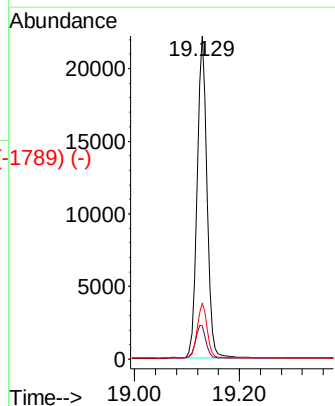
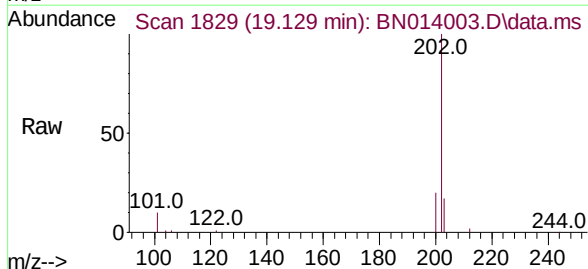
Abundance Scan 1823 (19.099 min): BN014003.D\data.ms (-1783) (-)



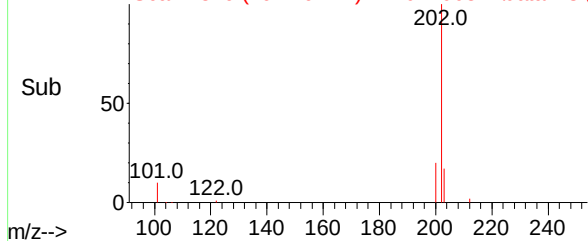
Abundance Scan 1829 (19.129 min): BN013994.D\data.ms (-1829) (-)

Fluoranthene  
Concen: 0.41 ng  
RT: 19.129 min Scan# 1829  
Delta R.T. 0.000 min  
Lab File: BN014003.D  
Acq: 19 Mar 2021 17:52

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 202   | Resp: | 29236 |
| Ion      | Ratio | Lower | Upper |
| 202      | 100   |       |       |
| 101      | 10.9  | 8.1   | 12.1  |
| 203      | 17.0  | 13.9  | 20.9  |

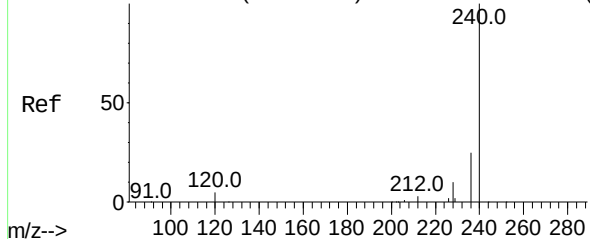


Abundance Scan 1829 (19.129 min): BN014003.D\data.ms (-1789) (-)





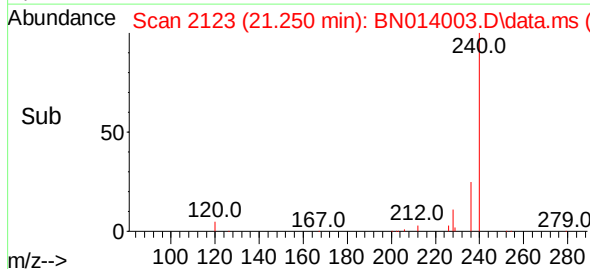
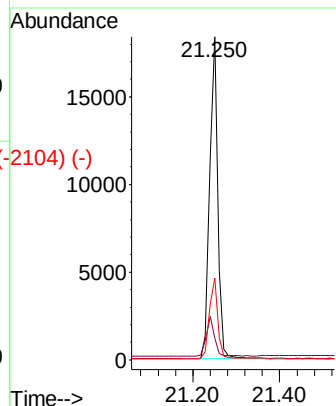
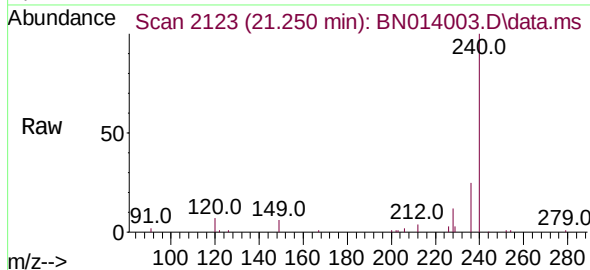
Abundance Scan 2123 (21.250 min): BN013994.D\data.ms (-2123) (-)



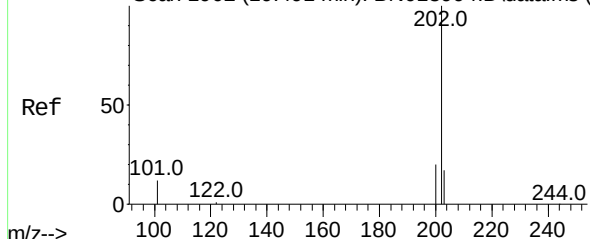
Chrysene-d12  
Concen: 0.40 ng  
RT: 21.250 min Scan# 2123  
Delta R.T. 0.000 min  
Lab File: BN014003.D  
Acq: 19 Mar 2021 17:52

Instrument :  
BNA\_N  
ClientSampleId :  
PB135252BS

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 240   | Resp: | 24066 |
| Ion      | Ratio | Lower | Upper |
| 240      | 100   |       |       |
| 120      | 6.7   | 10.2  | 15.4# |
| 236      | 25.4  | 21.3  | 31.9  |

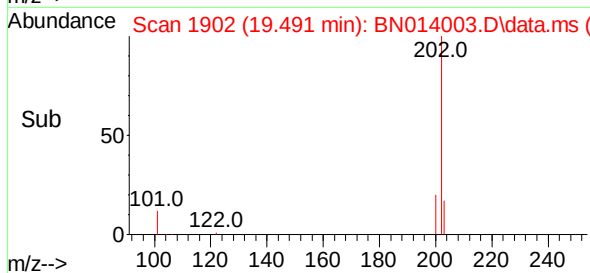
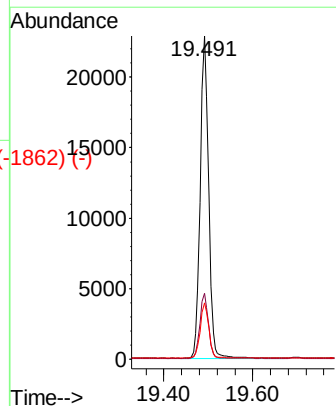
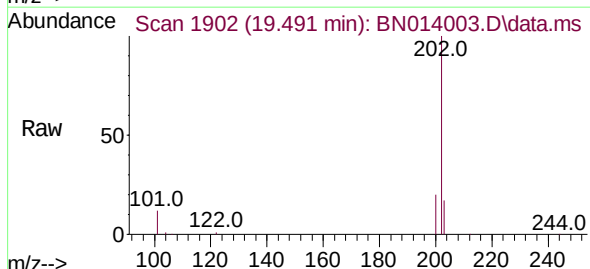


Abundance Scan 1902 (19.491 min): BN013994.D\data.ms (-1891) (-)

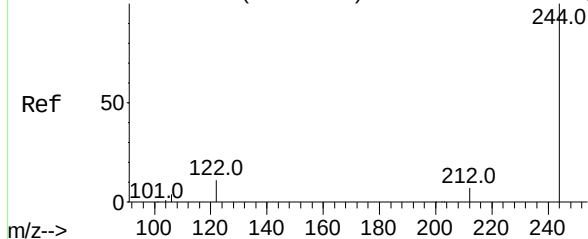


Pyrene  
Concen: 0.40 ng  
RT: 19.491 min Scan# 1902  
Delta R.T. 0.000 min  
Lab File: BN014003.D  
Acq: 19 Mar 2021 17:52

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 202   | Resp: | 29821 |
| Ion      | Ratio | Lower | Upper |
| 202      | 100   |       |       |
| 200      | 20.3  | 16.3  | 24.5  |
| 203      | 17.3  | 14.0  | 21.0  |



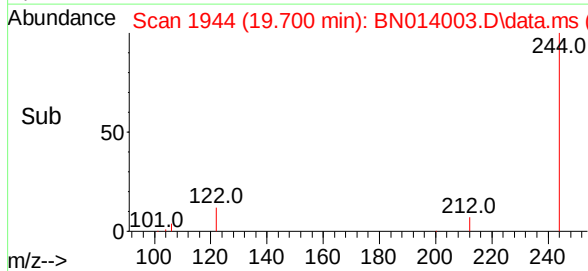
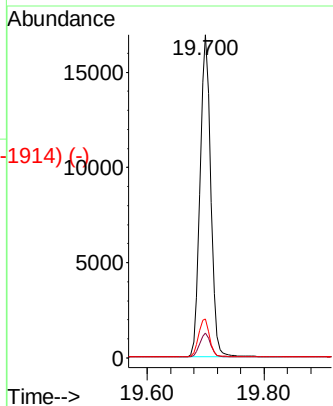
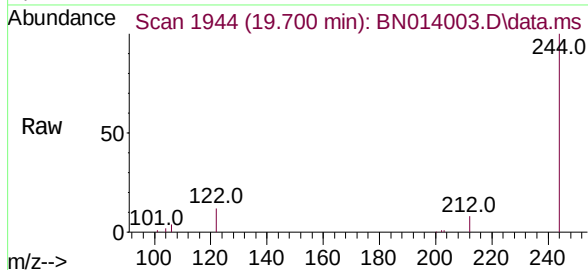
Abundance Scan 1944 (19.700 min): BN013994.D\data.ms (-1935) (-)



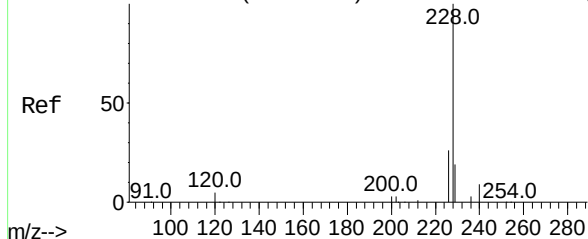
Terphenyl-d14  
Concen: 0.40 ng  
RT: 19.700 min Scan# 1944  
Delta R.T. 0.000 min  
Lab File: BN014003.D  
Acq: 19 Mar 2021 17:52

Instrument :  
BNA\_N  
ClientSampleId :  
PB135252BS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 244     | 100   |       |       |
| 212     | 7.7   | 6.1   | 9.1   |
| 122     | 12.0  | 9.8   | 14.8  |

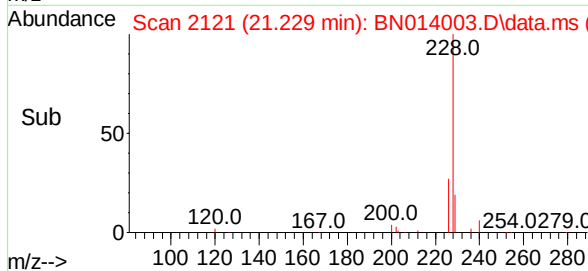
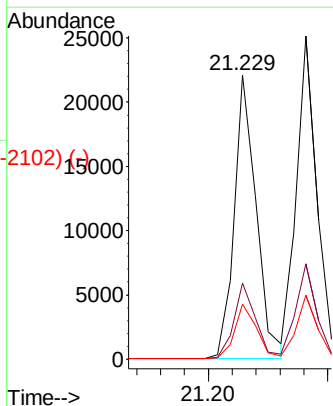
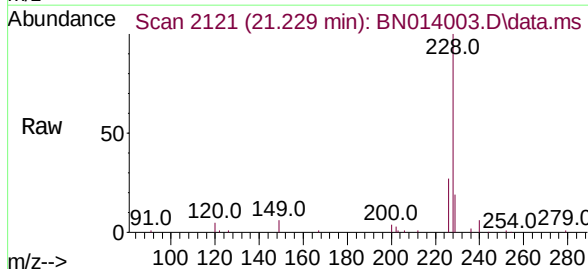


Abundance Scan 2121 (21.229 min): BN013994.D\data.ms (-2102) (-)

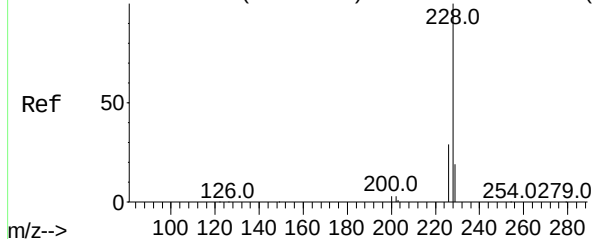


Benzo(a)anthracene  
Concen: 0.41 ng  
RT: 21.229 min Scan# 2121  
Delta R.T. 0.000 min  
Lab File: BN014003.D  
Acq: 19 Mar 2021 17:52

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 26.9  | 20.5  | 30.7  |
| 229     | 19.4  | 16.2  | 24.4  |



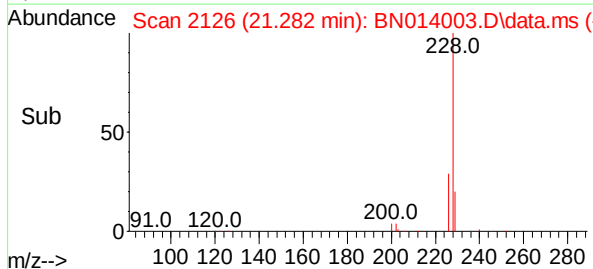
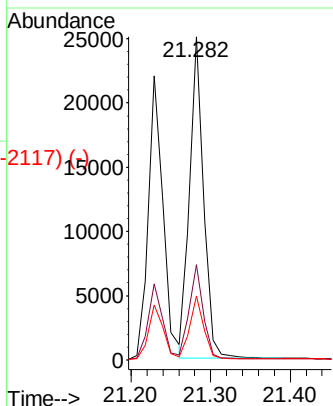
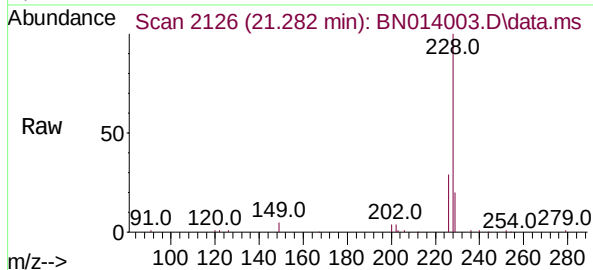
Abundance Scan 2126 (21.282 min): BN013994.D\data.ms (-2126) (-)



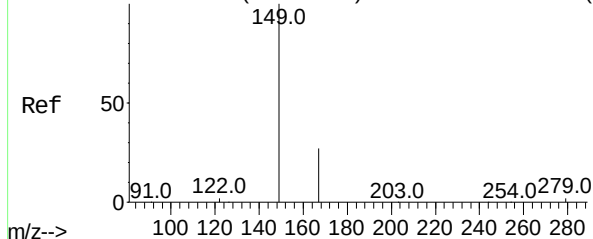
Chrysene  
Concen: 0.41 ng  
RT: 21.282 min Scan# 2126  
Delta R.T. 0.000 min  
Lab File: BN014003.D  
Acq: 19 Mar 2021 17:52

Instrument :  
BNA\_N  
ClientSampleId :  
PB135252BS

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 228   | Resp: | 30304 |
| Ion Ratio | Lower | Upper |       |
| 228       | 100   |       |       |
| 226       | 29.5  | 24.3  | 36.5  |
| 229       | 19.8  | 15.1  | 22.7  |

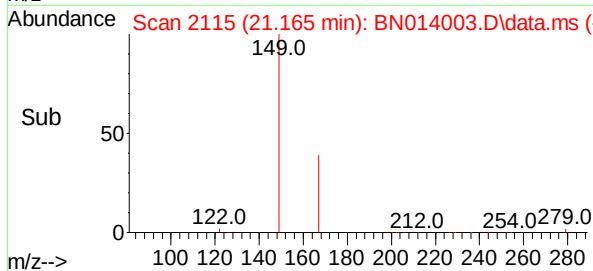
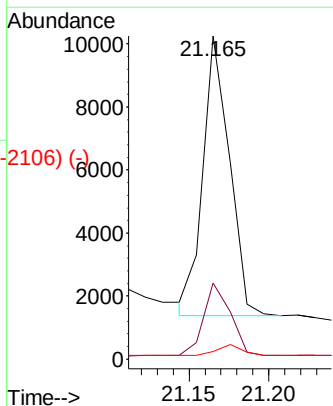
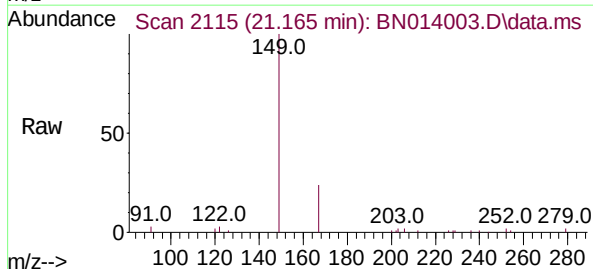


Abundance Scan 2115 (21.165 min): BN013994.D\data.ms (-2115) (-)

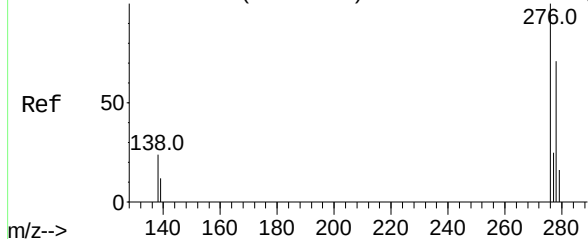


Bis(2-ethylhexyl)phthalate  
Concen: 0.40 ng  
RT: 21.165 min Scan# 2115  
Delta R.T. 0.000 min  
Lab File: BN014003.D  
Acq: 19 Mar 2021 17:52

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 149   | Resp: | 10271 |
| Ion Ratio | Lower | Upper |       |
| 149       | 100   |       |       |
| 167       | 26.7  | 22.1  | 33.1  |
| 279       | 4.1   | 3.5   | 5.3   |

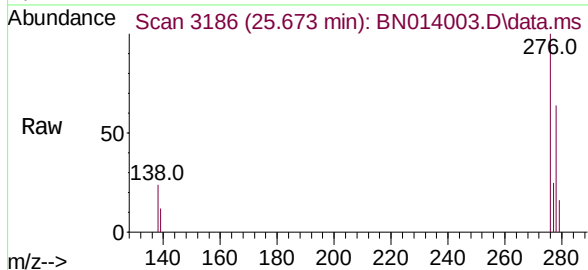


Abundance Scan 3186 (25.673 min): BN013994.D\data.ms (-3185) (-)

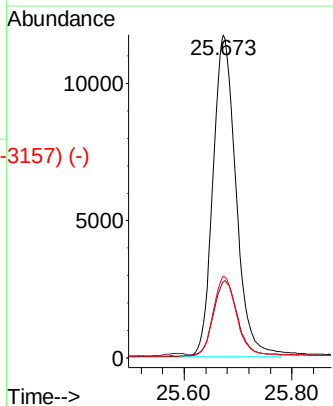


Indeno(1,2,3-cd)pyrene  
Concen: 0.43 ng  
RT: 25.673 min Scan# 3186  
Delta R.T. 0.000 min  
Lab File: BN014003.D  
Acq: 19 Mar 2021 17:52

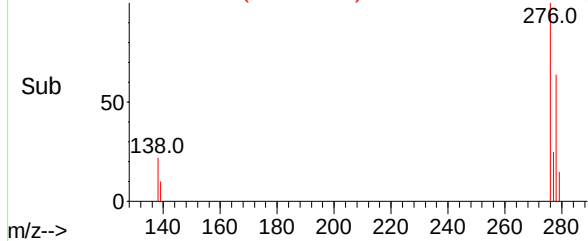
Instrument :  
BNA\_N  
ClientSampleId :  
PB135252BS



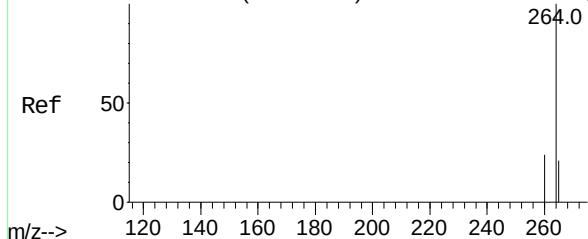
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 23.5  | 19.8  | 29.6  |
| 277     | 24.9  | 19.9  | 29.9  |



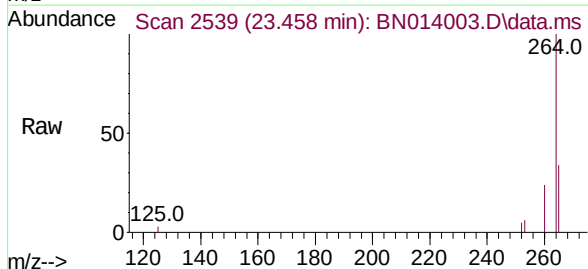
Abundance Scan 3186 (25.673 min): BN014003.D\data.ms (-3157) (-)



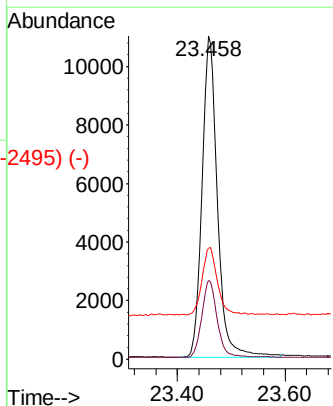
Abundance Scan 2539 (23.458 min): BN013994.D\data.ms (-2528) (-)



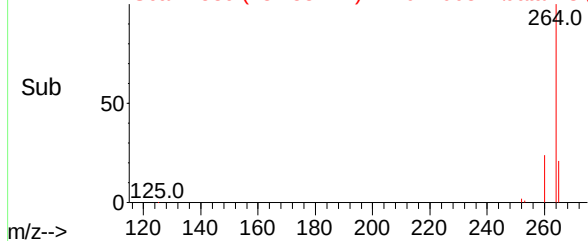
Perylene-d12  
Concen: 0.40 ng  
RT: 23.458 min Scan# 2539  
Delta R.T. 0.000 min  
Lab File: BN014003.D  
Acq: 19 Mar 2021 17:52



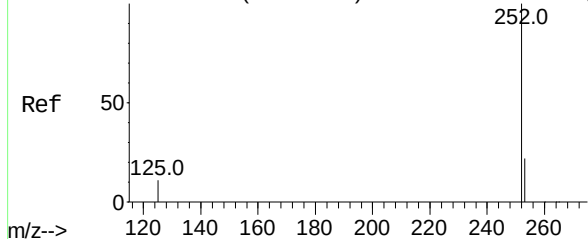
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 24.3  | 19.3  | 28.9  |
| 265     | 34.2  | 66.2  | 99.4# |



Abundance Scan 2539 (23.458 min): BN014003.D\data.ms (-2495) (-)



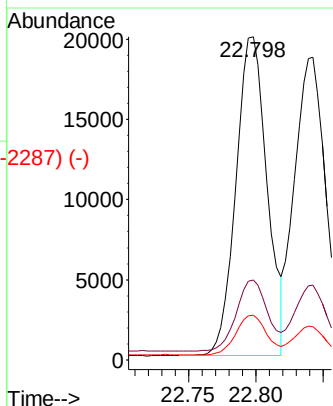
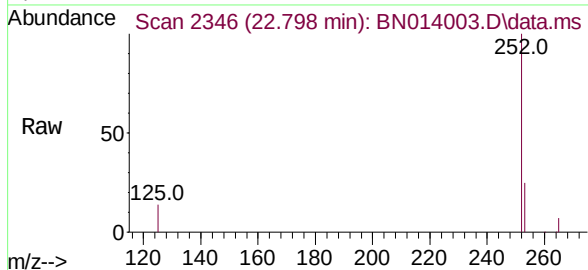
Abundance Scan 2345 (22.794 min): BN013994.D\data.ms (-2337) (-)



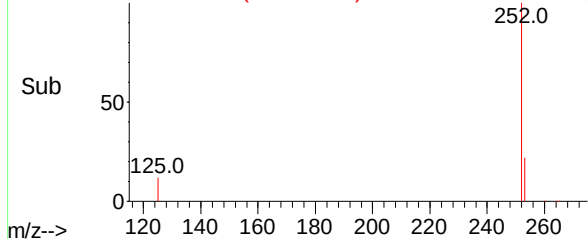
Benzo(b)fluoranthene  
Concen: 0.41 ng  
RT: 22.798 min Scan# 2346  
Delta R.T. 0.003 min  
Lab File: BN014003.D  
Acq: 19 Mar 2021 17:52

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 252   | Resp: | 31957 |
| Ion      | Ratio | Lower | Upper |
| 252      | 100   |       |       |
| 253      | 24.7  | 20.4  | 30.6  |
| 125      | 13.9  | 11.6  | 17.4  |

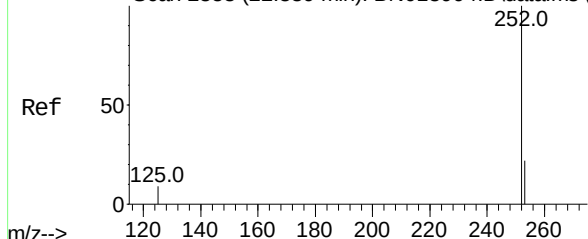
Instrument :  
BNA\_N  
ClientSampleId :  
PB135252BS



Abundance Scan 2346 (22.798 min): BN014003.D\data.ms (-2287) (-)

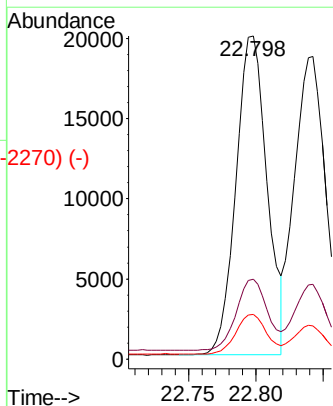
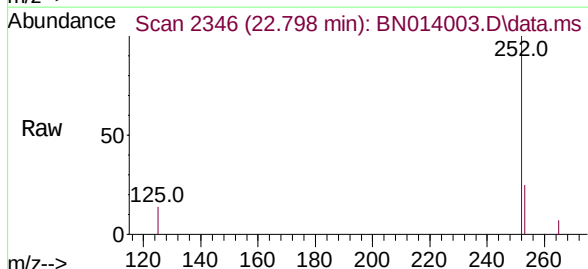


Abundance Scan 2358 (22.839 min): BN013994.D\data.ms (-2338) (-)

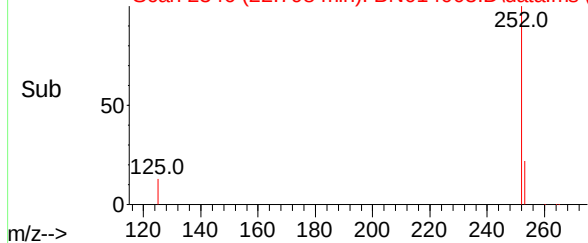


Benzo(k)fluoranthene  
Concen: 0.41 ng  
RT: 22.798 min Scan# 2346  
Delta R.T. -0.041 min  
Lab File: BN014003.D  
Acq: 19 Mar 2021 17:52

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 252   | Resp: | 31957 |
| Ion      | Ratio | Lower | Upper |
| 252      | 100   |       |       |
| 253      | 24.7  | 20.5  | 30.7  |
| 125      | 13.9  | 12.3  | 18.5  |



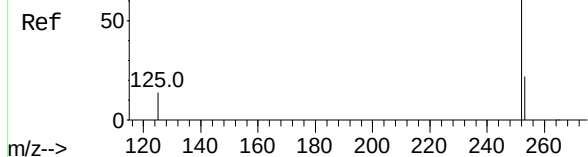
Abundance Scan 2346 (22.798 min): BN014003.D\data.ms (-2270) (-)



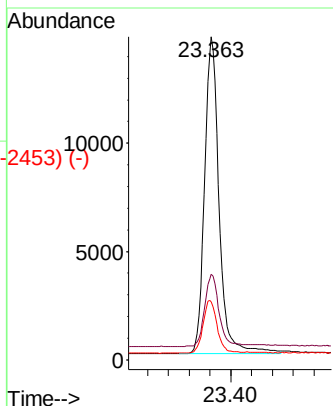
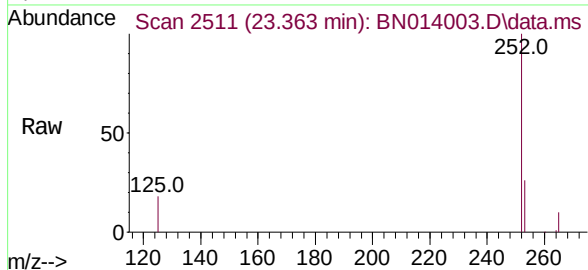
Abundance Scan 2511 (23.363 min): BN013994.D\data.ms (-2453) (-)

Benzo(a)pyrene  
Concen: 0.42 ng  
RT: 23.363 min Scan# 2511  
Delta R.T. 0.000 min  
Lab File: BN014003.D  
Acq: 19 Mar 2021 17:52

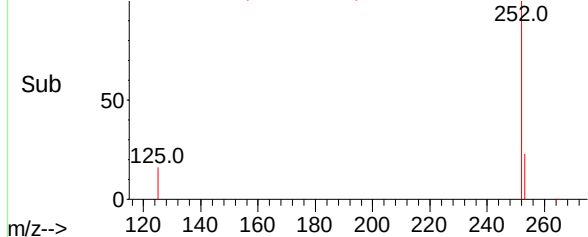
Instrument :  
BNA\_N  
ClientSampleId :  
PB135252BS



|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 252   | Resp: | 28472 |
| Ion Ratio | Lower | Upper |       |
| 252       | 100   |       |       |
| 253       | 26.4  | 21.8  | 32.6  |
| 125       | 18.0  | 14.6  | 21.8  |

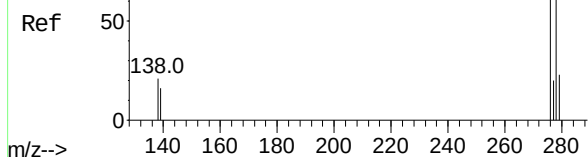


Abundance Scan 2511 (23.363 min): BN014003.D\data.ms (-2453) (-)

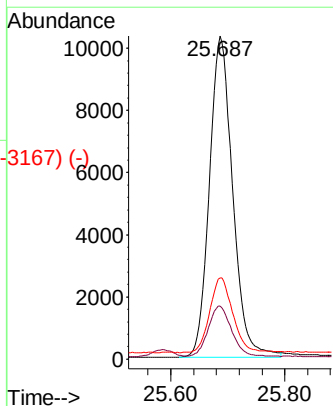
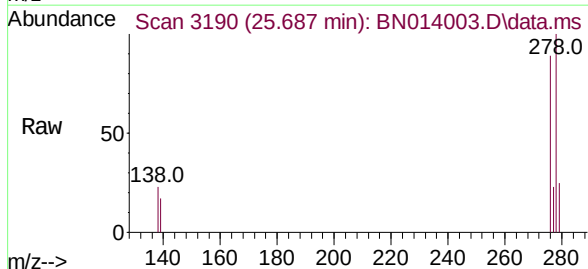


Abundance Scan 3190 (25.687 min): BN013994.D\data.ms (-3170) (-)

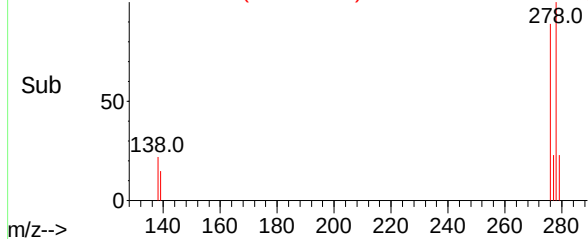
Dibenzo(a,h)anthracene  
Concen: 0.41 ng  
RT: 25.687 min Scan# 3190  
Delta R.T. 0.000 min  
Lab File: BN014003.D  
Acq: 19 Mar 2021 17:52



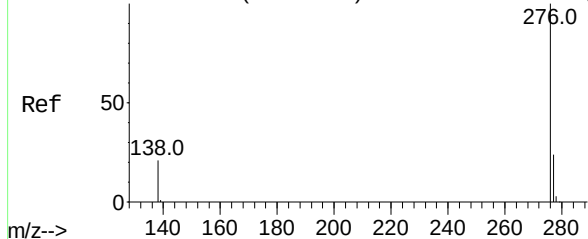
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 278   | Resp: | 29186 |
| Ion Ratio | Lower | Upper |       |
| 278       | 100   |       |       |
| 139       | 16.5  | 13.1  | 19.7  |
| 279       | 25.2  | 21.4  | 32.0  |



Abundance Scan 3190 (25.687 min): BN014003.D\data.ms (-3167) (-)



Abundance Scan 3384 (26.351 min): BN013994.D\data.ms (-3353) (-)



Benzo(g,h,i)perylene  
Concen: 0.41 ng  
RT: 26.351 min Scan# 3384  
Delta R.T. 0.000 min  
Lab File: BN014003.D  
Acq: 19 Mar 2021 17:52

Instrument :  
BNA\_N  
ClientSampleId :  
PB135252BS

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 276   | Resp: | 30511 |
| Ion      | Ratio | Lower | Upper |
| 276      | 100   |       |       |
| 277      | 24.3  | 20.0  | 30.0  |
| 138      | 20.9  | 17.8  | 26.8  |

