

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN103020\  
 Data File : BN012476.D  
 Acq On : 30 Oct 2020 19:01  
 Operator : CG/JU  
 Sample : L4547-02MSD  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 TT-033-IDWSO-20201027MSD

Quant Time: Oct 31 05:29:32 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN103020.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Oct 30 14:49:10 2020  
 Response via : Initial Calibration

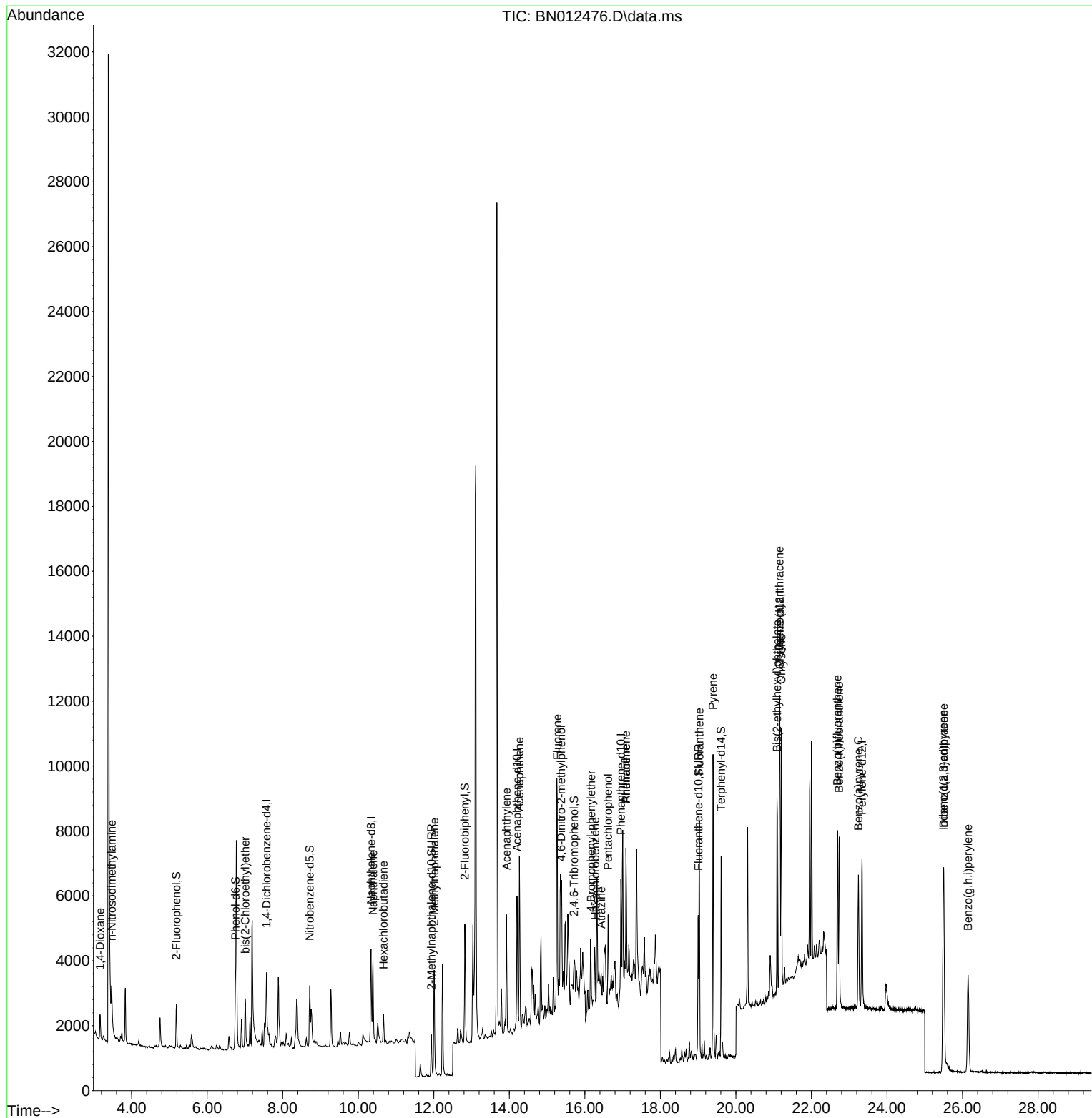
| Compound                      | R.T.   | QIon | Response | Conc | Units | Dev(Min) |
|-------------------------------|--------|------|----------|------|-------|----------|
| -----                         |        |      |          |      |       |          |
| Internal Standards            |        |      |          |      |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.570  | 152  | 963      | 0.40 | ng    | # 0.00   |
| 7) Naphthalene-d8             | 10.339 | 136  | 4024     | 0.40 | ng    | # 0.00   |
| 13) Acenaphthene-d10          | 14.205 | 164  | 2293     | 0.40 | ng    | -0.01    |
| 19) Phenanthrene-d10          | 16.956 | 188  | 5077     | 0.40 | ng    | #-0.01   |
| 29) Chrysene-d12              | 21.163 | 240  | 5670     | 0.40 | ng    | #-0.01   |
| 36) Perylene-d12              | 23.337 | 264  | 5960     | 0.40 | ng    | 0.00     |
|                               |        |      |          |      |       |          |
| System Monitoring Compounds   |        |      |          |      |       |          |
| 4) 2-Fluorophenol             | 5.186  | 112  | 957      | 0.28 | ng    | 0.00     |
| 5) Phenol-d6                  | 6.749  | 99   | 1275     | 0.31 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 8.717  | 82   | 1689     | 0.36 | ng    | -0.01    |
| 11) 2-Methylnaphthalene-d10   | 11.935 | 152  | 1980     | 0.30 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.714 | 330  | 498      | 0.32 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 12.822 | 172  | 3287     | 0.38 | ng    | -0.01    |
| 27) Fluoranthene-d10          | 19.003 | 212  | 5043     | 0.32 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.608 | 244  | 5917     | 0.45 | ng    | 0.00     |
|                               |        |      |          |      |       |          |
| Target Compounds              |        |      |          |      |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.165  | 88   | 463      | 0.29 | ng    | # 83     |
| 3) n-Nitrosodimethylamine     | 3.471  | 42   | 1331     | 0.33 | ng    | # 67     |
| 6) bis(2-Chloroethyl)ether    | 7.006  | 93   | 1000     | 0.37 | ng    | 89       |
| 9) Naphthalene                | 10.390 | 128  | 3681     | 0.32 | ng    | 99       |
| 10) Hexachlorobutadiene       | 10.668 | 225  | 655      | 0.28 | ng    | # 99     |
| 12) 2-Methylnaphthalene       | 12.011 | 142  | 2479     | 0.34 | ng    | # 91     |
| 16) Acenaphthylene            | 13.925 | 152  | 3675     | 0.32 | ng    | 98       |
| 17) Acenaphthene              | 14.268 | 154  | 2350     | 0.32 | ng    | 89       |
| 18) Fluorene                  | 15.270 | 166  | 3119     | 0.34 | ng    | 96       |
| 20) 4,6-Dinitro-2-methylph... | 15.372 | 198  | 320      | 0.33 | ng    | # 1      |
| 21) 4-Bromophenyl-phenylether | 16.165 | 248  | 931      | 0.30 | ng    | # 79     |
| 22) Hexachlorobenzene         | 16.275 | 284  | 1064     | 0.27 | ng    | # 80     |
| 23) Atrazine                  | 16.433 | 200  | 1122     | 0.38 | ng    | # 84     |
| 24) Pentachlorophenol         | 16.615 | 266  | 778      | 0.44 | ng    | 98       |
| 25) Phenanthrene              | 17.090 | 178  | 4833     | 0.32 | ng    | 97       |
| 26) Anthracene                | 17.090 | 178  | 4787     | 0.34 | ng    | 97       |
| 28) Fluoranthene              | 19.032 | 202  | 6595     | 0.37 | ng    | 97       |
| 30) Pyrene                    | 19.395 | 202  | 8763     | 0.45 | ng    | # 94     |
| 32) Benzo(a)anthracene        | 21.152 | 228  | 6295     | 0.36 | ng    | 98       |
| 33) Chrysene                  | 21.205 | 228  | 6417     | 0.33 | ng    | 99       |
| 34) Bis(2-ethylhexyl)phtha... | 21.089 | 149  | 6329     | 0.55 | ng    | # 90     |
| 35) Indeno(1,2,3-cd)pyrene    | 25.493 | 276  | 7428     | 0.26 | ng    | 99       |
| 37) Benzo(b)fluoranthene      | 22.690 | 252  | 6848     | 0.36 | ng    | # 86     |
| 38) Benzo(k)fluoranthene      | 22.734 | 252  | 6625     | 0.33 | ng    | # 86     |
| 39) Benzo(a)pyrene            | 23.244 | 252  | 5855     | 0.32 | ng    | # 82     |
| 40) Dibenzo(a,h)anthracene    | 25.503 | 278  | 6125     | 0.29 | ng    | 92       |
| 41) Benzo(g,h,i)perylene      | 26.147 | 276  | 6323     | 0.29 | ng    | # 94     |
| -----                         |        |      |          |      |       |          |

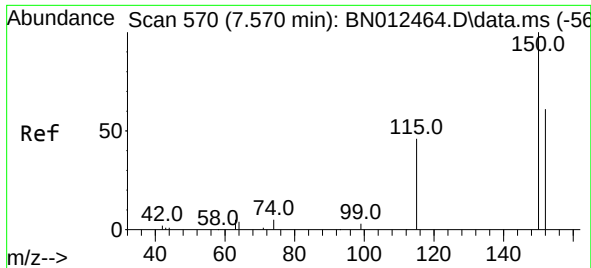
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN103020\  
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 Sample : L4547-02MSD  
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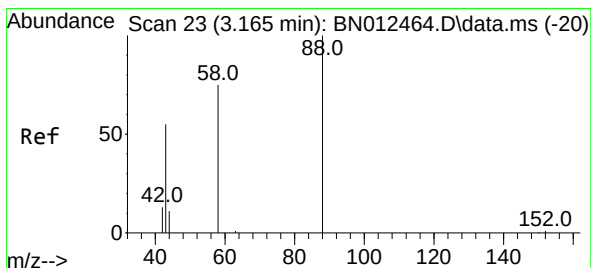
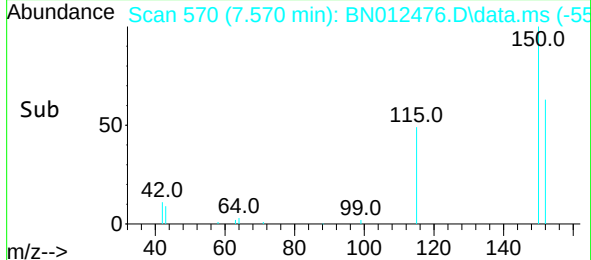
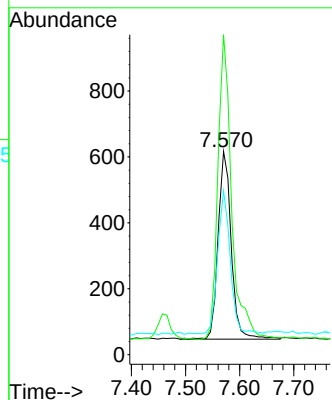
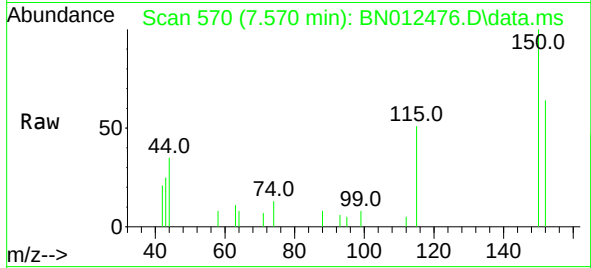




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.40 ng  
 RT: 7.570 min Scan# 570  
 Delta R.T. 0.000 min  
 Lab File: BN012476.D  
 Acq: 30 Oct 2020 19:01

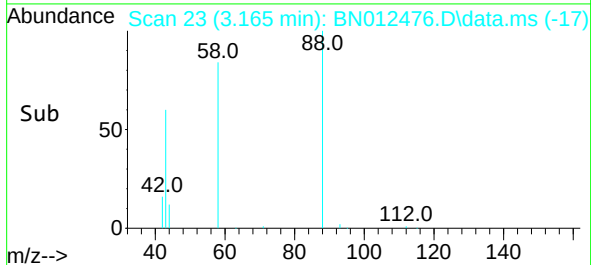
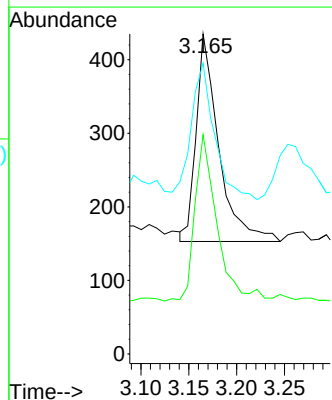
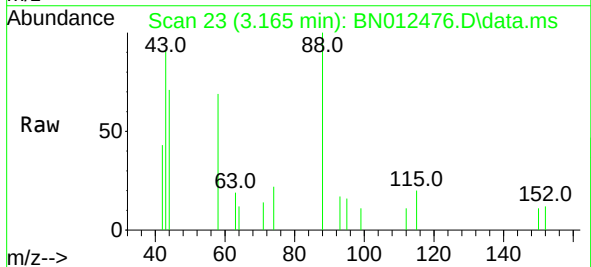
Instrument :  
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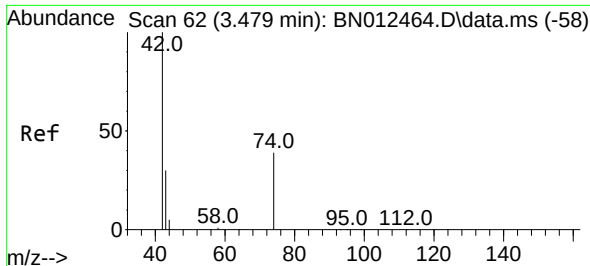
Tgt Ion: 152 Resp: 963  
 Ion Ratio Lower Upper  
 152 100  
 150 157.4 116.6 174.8  
 115 80.6 52.9 79.3#



#2  
 1,4-Dioxane  
 Concen: 0.29 ng  
 RT: 3.165 min Scan# 23  
 Delta R.T. 0.000 min  
 Lab File: BN012476.D  
 Acq: 30 Oct 2020 19:01

Tgt Ion: 88 Resp: 463  
 Ion Ratio Lower Upper  
 88 100  
 58 75.4 59.4 89.2  
 43 68.0 32.3 48.5#

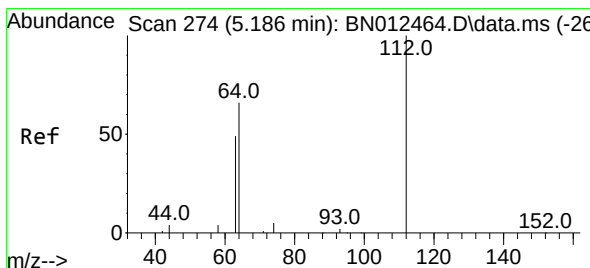
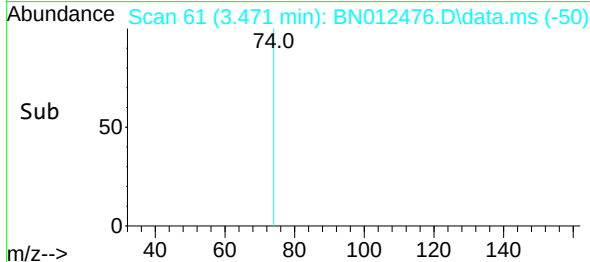
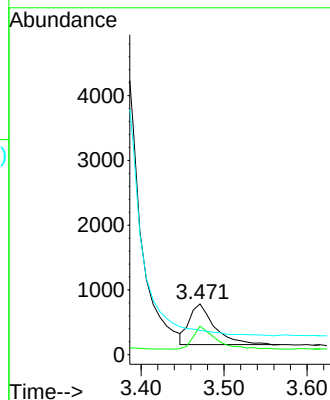
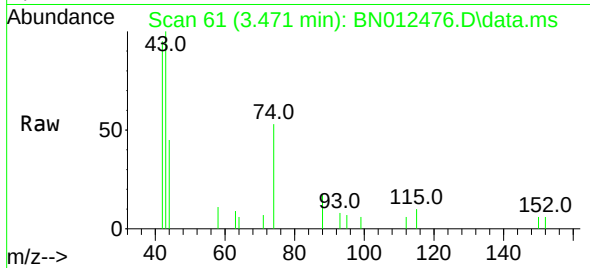




#3  
n-Nitrosodimethylamine  
Concen: 0.33 ng  
RT: 3.471 min Scan# 61  
Delta R.T. -0.008 min  
Lab File: BN012476.D  
Acq: 30 Oct 2020 19:01

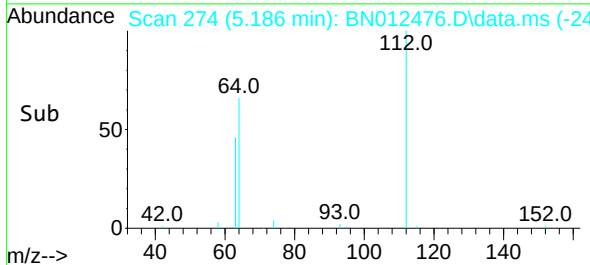
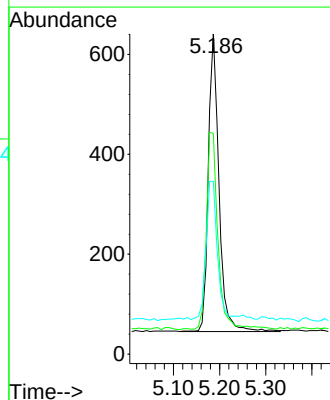
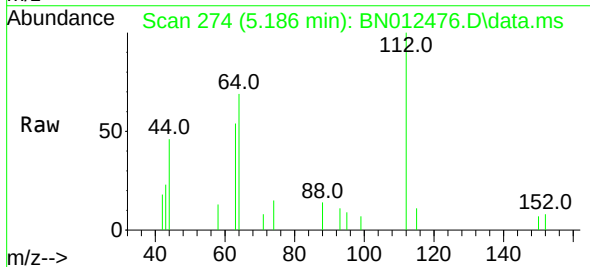
Instrument :  
BNA\_N  
ClientSampleId :  
TT-033-IDWSO-20201027MSD

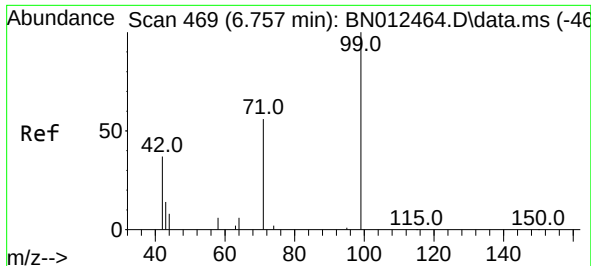
Tgt Ion: 42 Resp: 1331  
Ion Ratio Lower Upper  
42 100  
74 50.3 64.4 96.6#  
44 0.0 2.8 4.2#



#4  
2-Fluorophenol  
Concen: 0.28 ng  
RT: 5.186 min Scan# 274  
Delta R.T. 0.000 min  
Lab File: BN012476.D  
Acq: 30 Oct 2020 19:01

Tgt Ion: 112 Resp: 957  
Ion Ratio Lower Upper  
112 100  
64 73.0 49.5 74.3  
63 48.8 32.0 48.0#

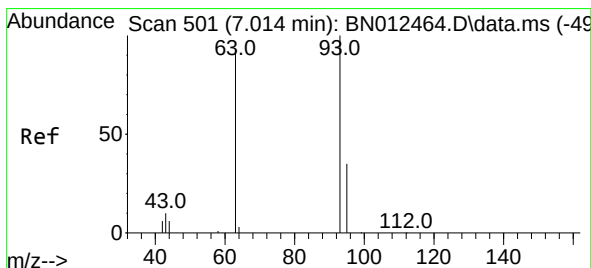
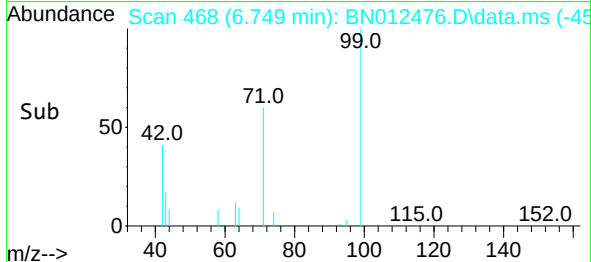
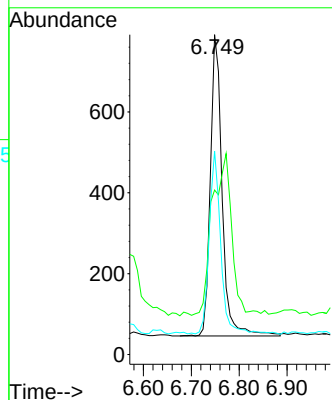
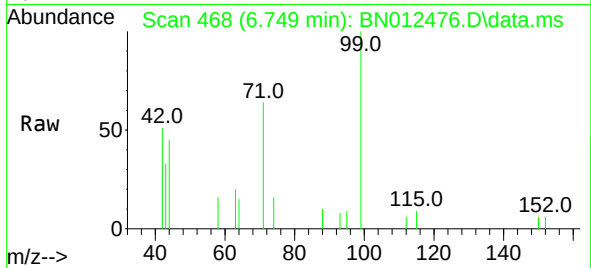




#5  
Phenol-d6  
Concen: 0.31 ng  
RT: 6.749 min Scan# 468  
Delta R.T. -0.008 min  
Lab File: BN012476.D  
Acq: 30 Oct 2020 19:01

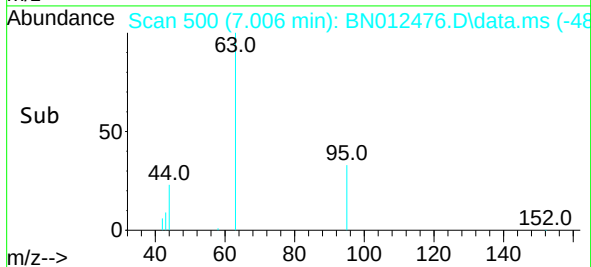
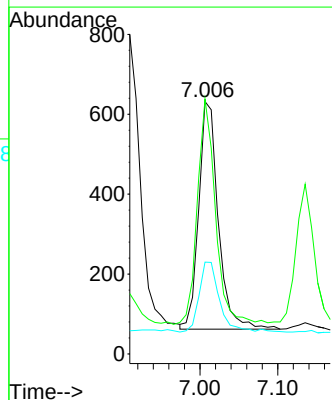
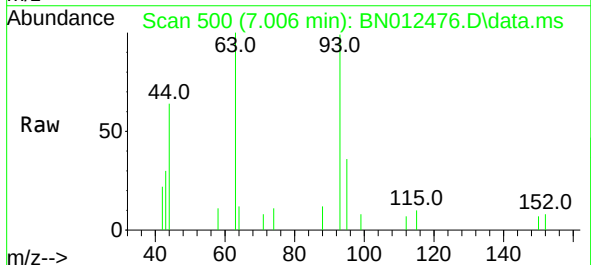
Instrument :  
BNA\_N  
ClientSampleId :  
TT-033-IDWSO-20201027MSD

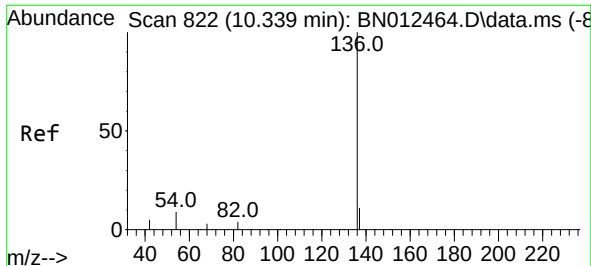
Tgt Ion: 99 Resp: 1275  
Ion Ratio Lower Upper  
99 100  
42 0.0 22.4 33.6#  
71 60.9 37.8 56.6#



#6  
bis(2-Chloroethyl)ether  
Concen: 0.37 ng  
RT: 7.006 min Scan# 500  
Delta R.T. -0.008 min  
Lab File: BN012476.D  
Acq: 30 Oct 2020 19:01

Tgt Ion: 93 Resp: 1000  
Ion Ratio Lower Upper  
93 100  
63 91.8 63.1 94.7  
95 31.3 26.1 39.1

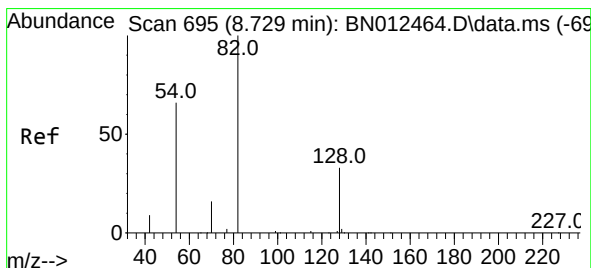
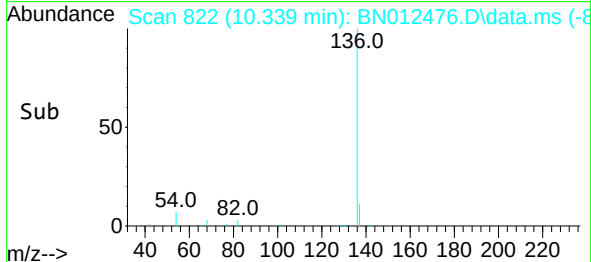
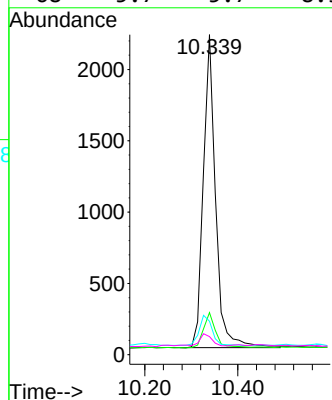
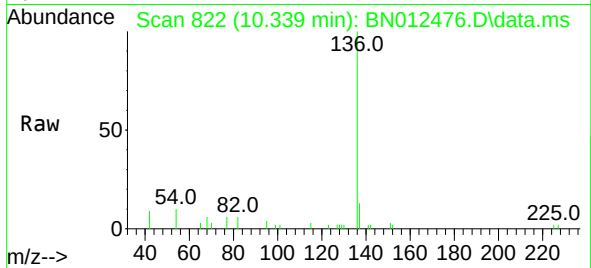




#7  
Naphthalene-d8  
Concen: 0.40 ng  
RT: 10.339 min Scan# 822  
Delta R.T. 0.000 min  
Lab File: BN012476.D  
Acq: 30 Oct 2020 19:01

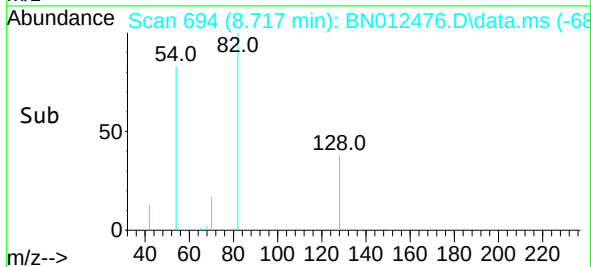
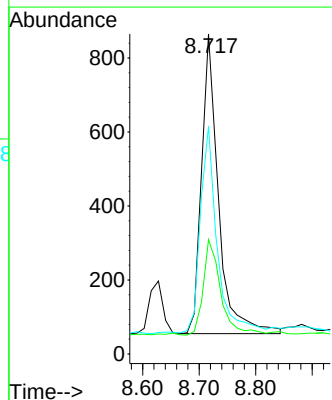
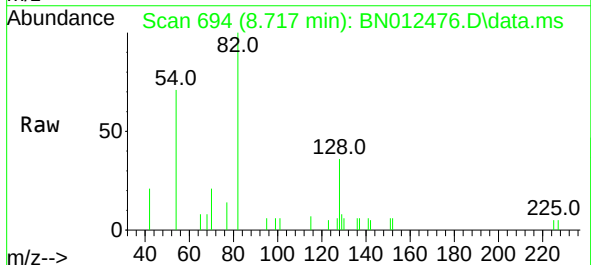
Instrument :  
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ClientSampleId :  
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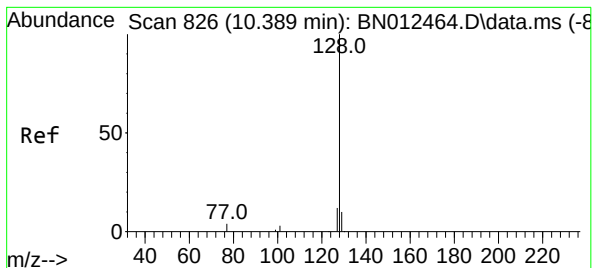
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|----------|-------|-------|-------|
| Tgt Ion: | 136   | Resp: | 4024  |
| Ion      | Ratio | Lower | Upper |
| 136      | 100   |       |       |
| 137      | 13.1  | 10.6  | 15.8  |
| 54       | 10.5  | 8.6   | 12.8  |
| 68       | 5.7   | 5.7   | 8.5#  |



#8  
Nitrobenzene-d5  
Concen: 0.36 ng  
RT: 8.717 min Scan# 694  
Delta R.T. -0.013 min  
Lab File: BN012476.D  
Acq: 30 Oct 2020 19:01

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 82    | Resp: | 1689  |
| Ion      | Ratio | Lower | Upper |
| 82       | 100   |       |       |
| 128      | 35.7  | 30.6  | 46.0  |
| 54       | 71.1  | 48.3  | 72.5  |

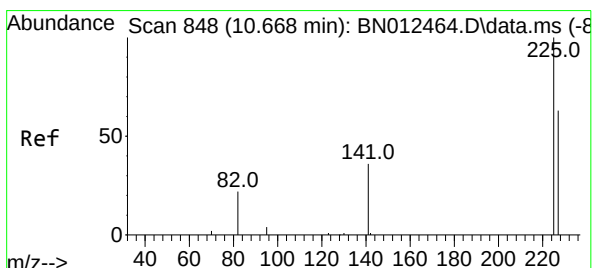
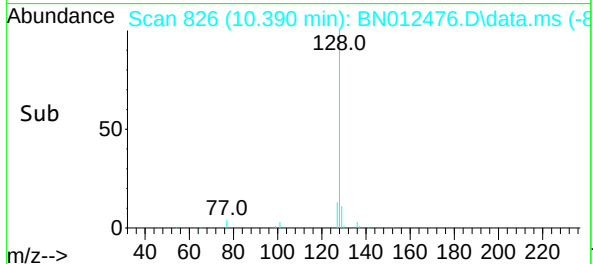
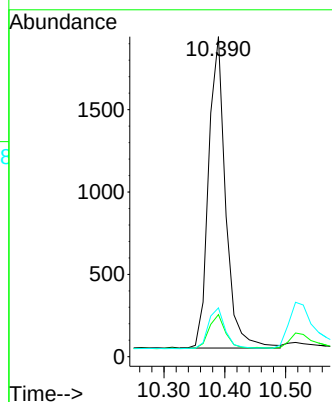
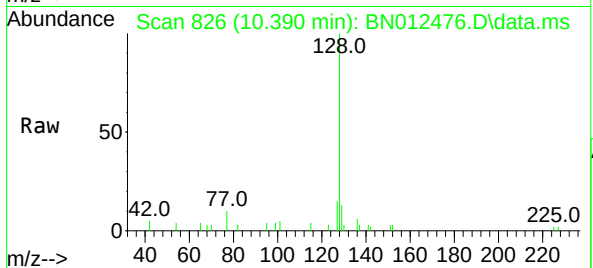




#9  
Naphthalene  
Concen: 0.32 ng  
RT: 10.390 min Scan# 826  
Delta R.T. 0.000 min  
Lab File: BN012476.D  
Acq: 30 Oct 2020 19:01

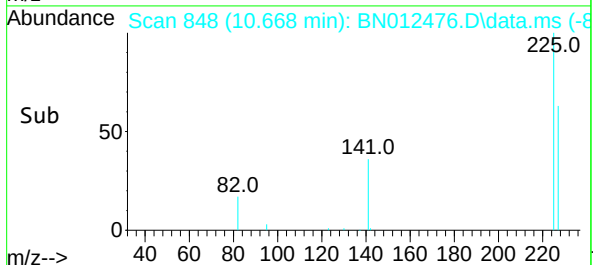
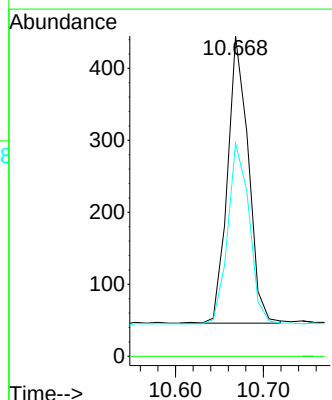
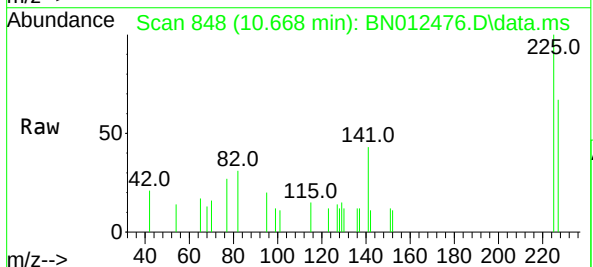
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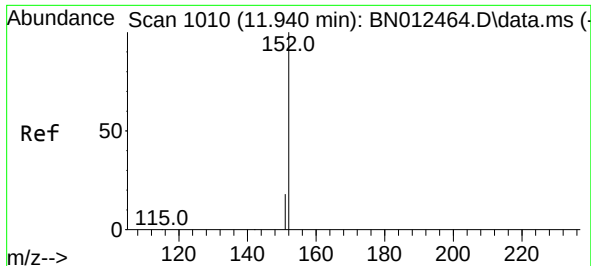
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|----------|-------|-------|-------|
| Tgt Ion: | 128   | Resp: | 3681  |
| Ion      | Ratio | Lower | Upper |
| 128      | 100   |       |       |
| 129      | 13.2  | 9.8   | 14.8  |
| 127      | 15.3  | 12.2  | 18.4  |



#10  
Hexachlorobutadiene  
Concen: 0.28 ng  
RT: 10.668 min Scan# 848  
Delta R.T. 0.000 min  
Lab File: BN012476.D  
Acq: 30 Oct 2020 19:01

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 225   | Resp: | 655   |
| Ion      | Ratio | Lower | Upper |
| 225      | 100   |       |       |
| 223      | 0.0   | 0.0   | 0.0   |
| 227      | 64.9  | 51.0  | 76.6  |

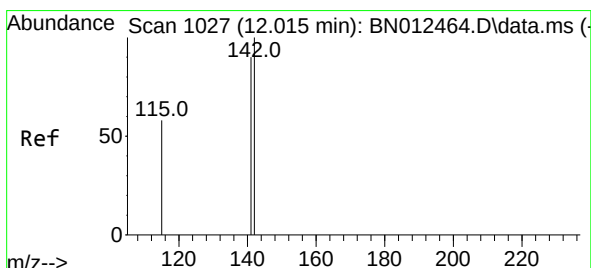
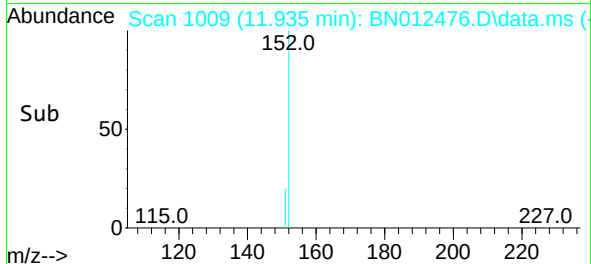
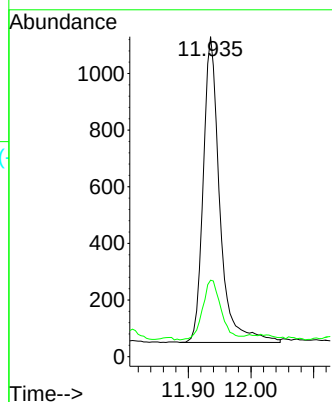
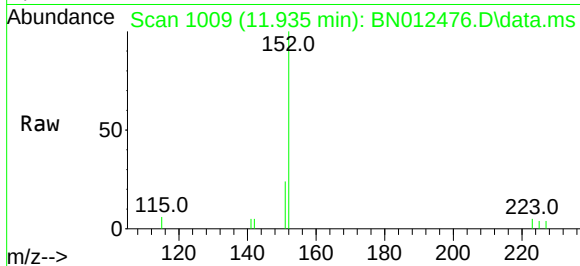




#11  
2-Methylnaphthalene-d10  
Concen: 0.30 ng  
RT: 11.935 min Scan# 1009  
Delta R.T. -0.004 min  
Lab File: BN012476.D  
Acq: 30 Oct 2020 19:01

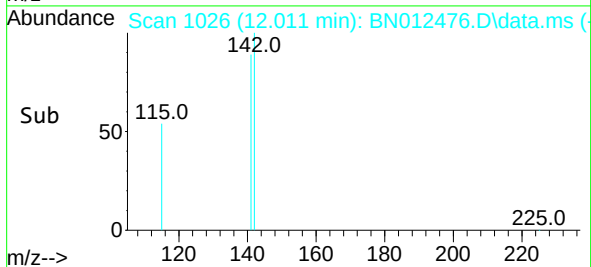
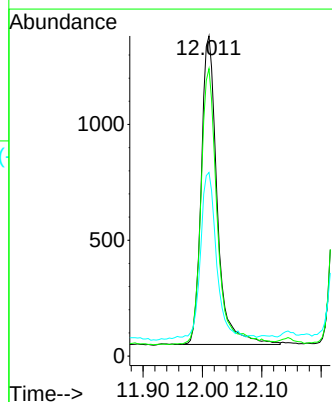
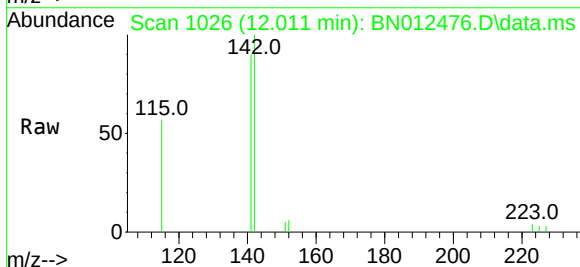
Instrument :  
BNA\_N  
ClientSampleId :  
TT-033-IDWSO-20201027MSD

Tgt Ion:152 Resp: 1980  
Ion Ratio Lower Upper  
152 100  
151 21.9 16.7 25.1

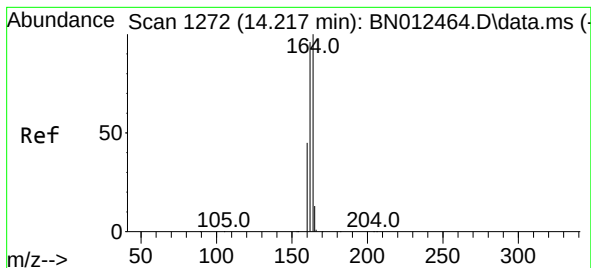


#12  
2-Methylnaphthalene  
Concen: 0.34 ng  
RT: 12.011 min Scan# 1026  
Delta R.T. -0.004 min  
Lab File: BN012476.D  
Acq: 30 Oct 2020 19:01

Tgt Ion:142 Resp: 2479  
Ion Ratio Lower Upper  
142 100  
141 89.8 69.4 104.2  
115 57.4 35.7 53.5#



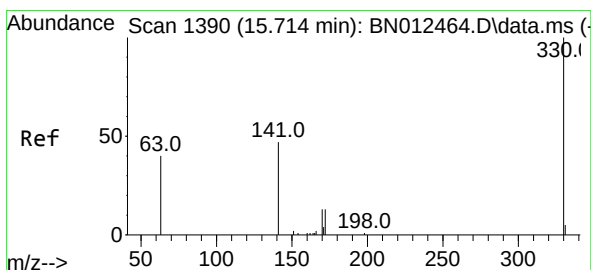
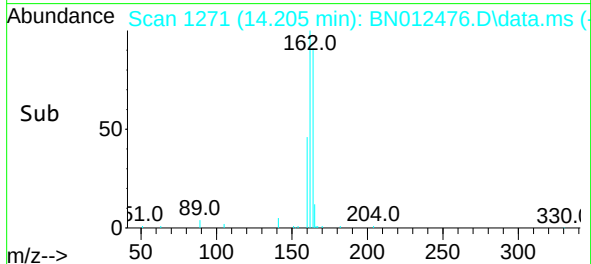
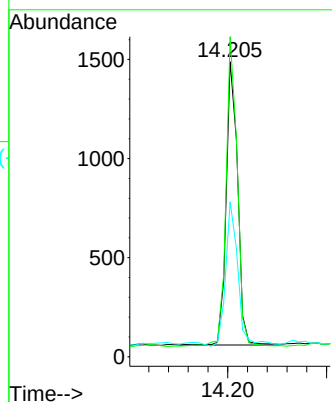
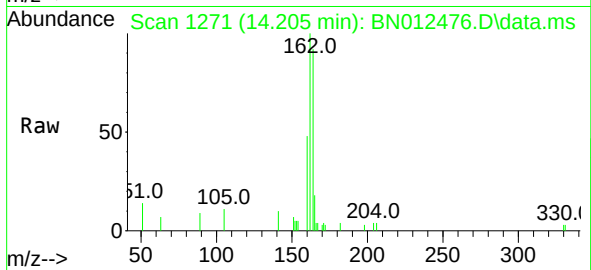




#13  
Acenaphthene-d10  
Concen: 0.40 ng  
RT: 14.205 min Scan# 1271  
Delta R.T. -0.012 min  
Lab File: BN012476.D  
Acq: 30 Oct 2020 19:01

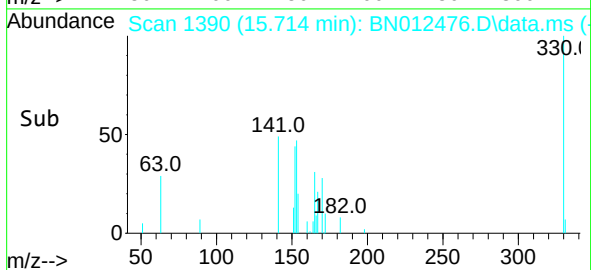
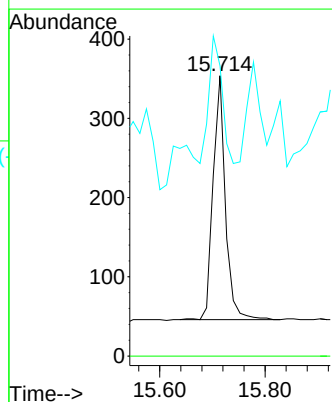
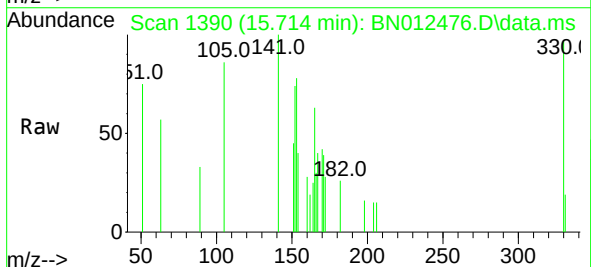
Instrument :  
BNA\_N  
ClientSampleId :  
TT-033-IDWSO-20201027MSD

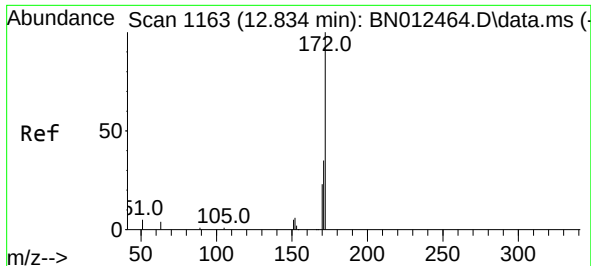
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 164   | Resp: | 2293  |
| Ion Ratio | Lower | Upper |       |
| 164       | 100   |       |       |
| 162       | 108.5 | 80.6  | 120.8 |
| 160       | 52.5  | 39.5  | 59.3  |



#14  
2,4,6-Tribromophenol  
Concen: 0.32 ng  
RT: 15.714 min Scan# 1390  
Delta R.T. 0.000 min  
Lab File: BN012476.D  
Acq: 30 Oct 2020 19:01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 330   | Resp: | 498   |
| Ion Ratio | Lower | Upper |       |
| 330       | 100   |       |       |
| 332       | 0.0   | 0.0   | 0.0   |
| 141       | 54.8  | 34.4  | 51.6# |

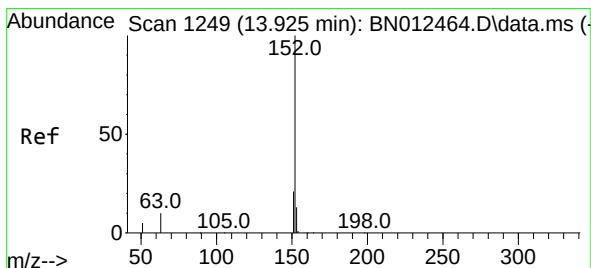
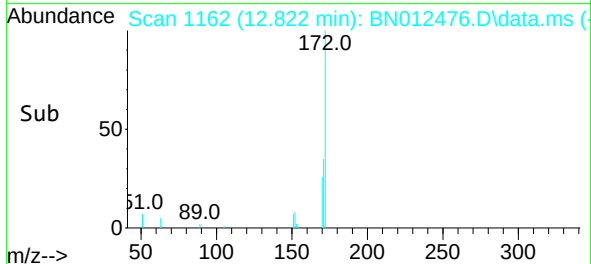
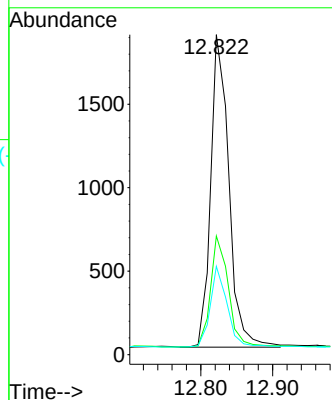
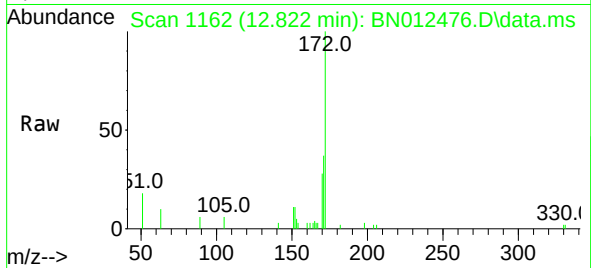




#15  
2-Fluorobiphenyl  
Concen: 0.38 ng  
RT: 12.822 min Scan# 1162  
Delta R.T. -0.013 min  
Lab File: BN012476.D  
Acq: 30 Oct 2020 19:01

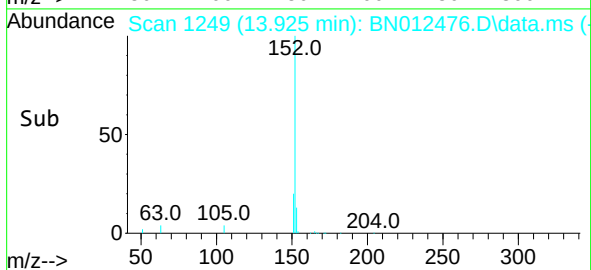
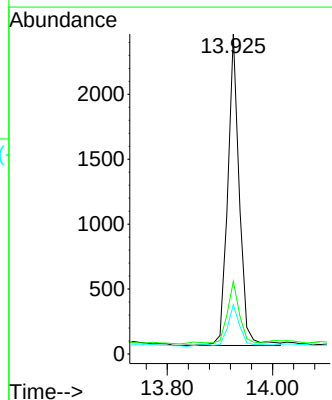
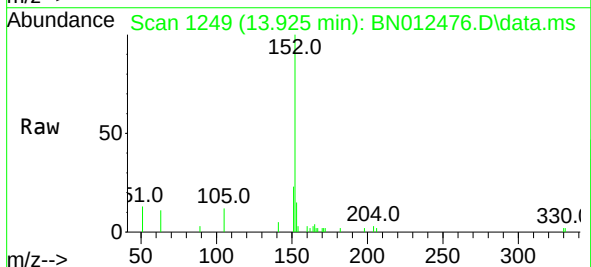
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BNA\_N  
ClientSampleId :  
TT-033-IDWSO-20201027MSD

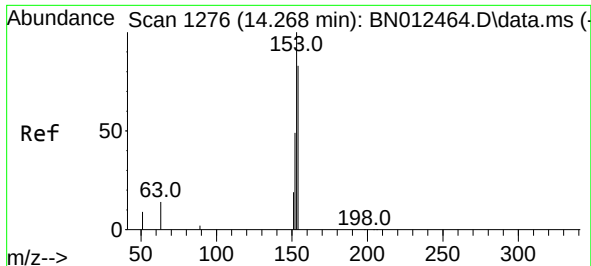
|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:172 | Resp: | 3287      |
| Ion Ratio   | Lower | Upper     |
| 172         | 100   |           |
| 171         | 37.1  | 28.2 42.4 |
| 170         | 27.6  | 20.0 30.0 |



#16  
Acenaphthylene  
Concen: 0.32 ng  
RT: 13.925 min Scan# 1249  
Delta R.T. 0.000 min  
Lab File: BN012476.D  
Acq: 30 Oct 2020 19:01

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:152 | Resp: | 3675      |
| Ion Ratio   | Lower | Upper     |
| 152         | 100   |           |
| 151         | 20.3  | 15.8 23.8 |
| 153         | 15.1  | 10.6 16.0 |

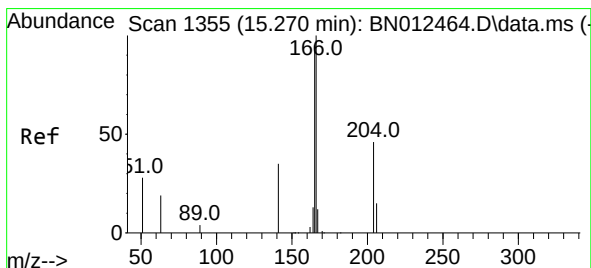
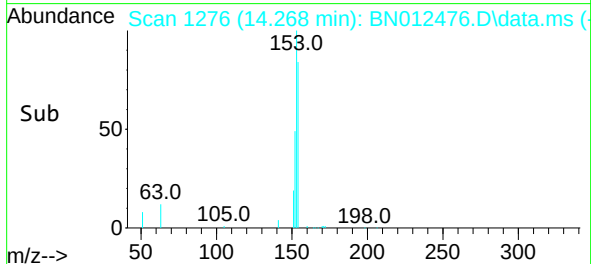
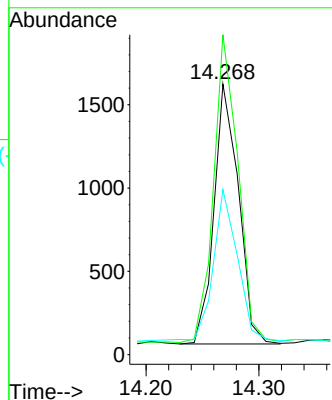
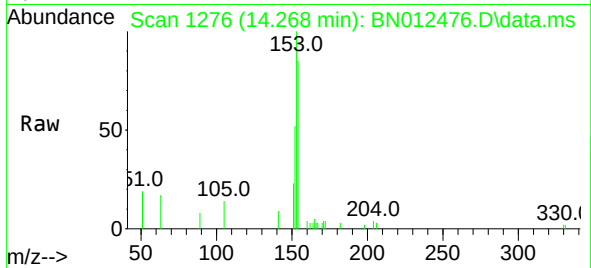




#17  
Acenaphthene  
Concen: 0.32 ng  
RT: 14.268 min Scan# 1276  
Delta R.T. 0.000 min  
Lab File: BN012476.D  
Acq: 30 Oct 2020 19:01

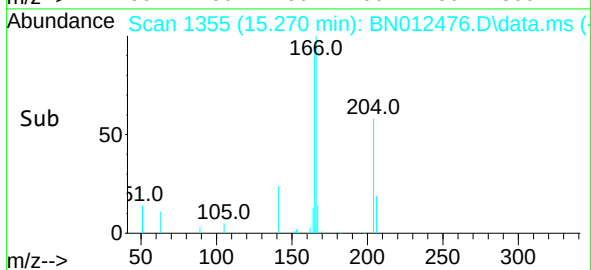
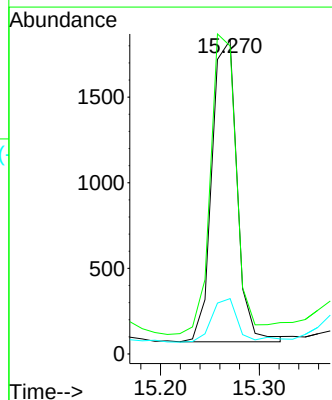
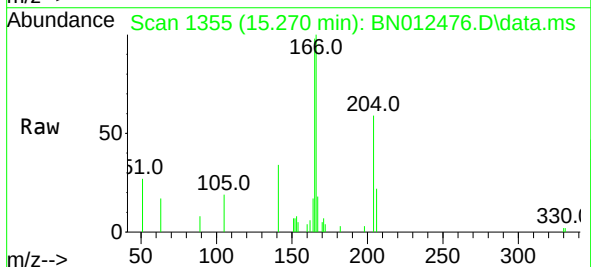
Instrument :  
BNA\_N  
ClientSampleId :  
TT-033-IDWSO-20201027MSD

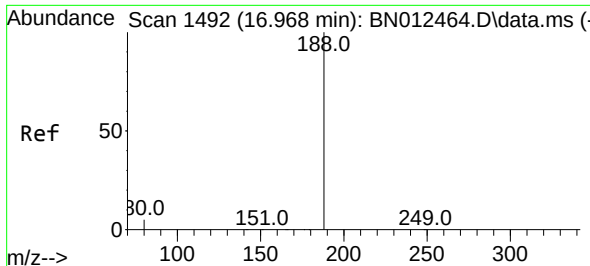
Tgt Ion:154 Resp: 2350  
Ion Ratio Lower Upper  
154 100  
153 119.2 83.6 125.4  
152 58.1 43.9 65.9



#18  
Fluorene  
Concen: 0.34 ng  
RT: 15.270 min Scan# 1355  
Delta R.T. 0.000 min  
Lab File: BN012476.D  
Acq: 30 Oct 2020 19:01

Tgt Ion:166 Resp: 3119  
Ion Ratio Lower Upper  
166 100  
165 102.4 78.6 118.0  
167 15.6 10.7 16.1

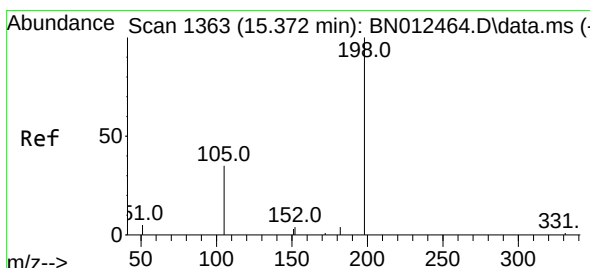
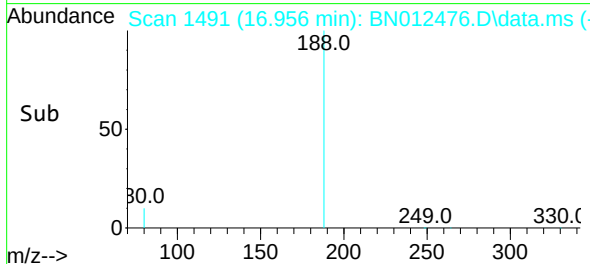
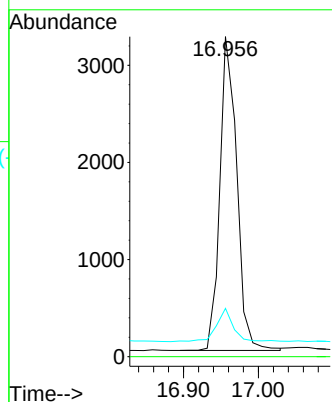
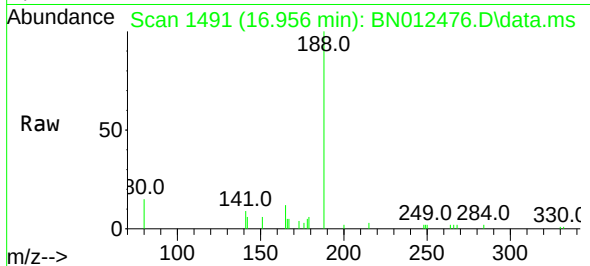




#19  
Phenanthrene-d10  
Concen: 0.40 ng  
RT: 16.956 min Scan# 1491  
Delta R.T. -0.012 min  
Lab File: BN012476.D  
Acq: 30 Oct 2020 19:01

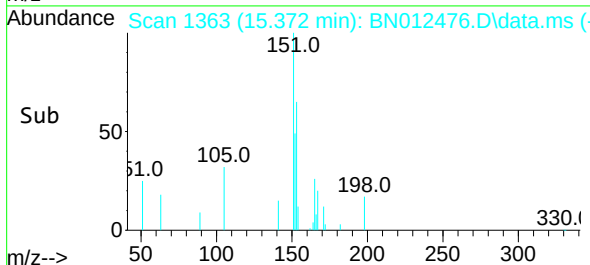
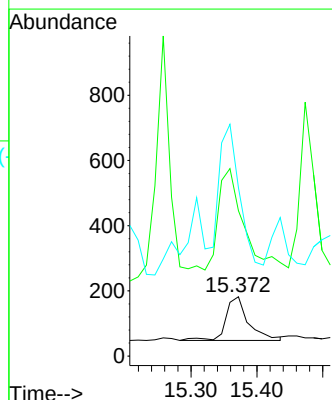
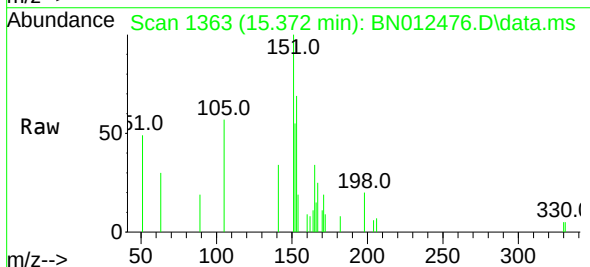
Instrument :  
BNA\_N  
ClientSampleId :  
TT-033-IDWSO-20201027MSD

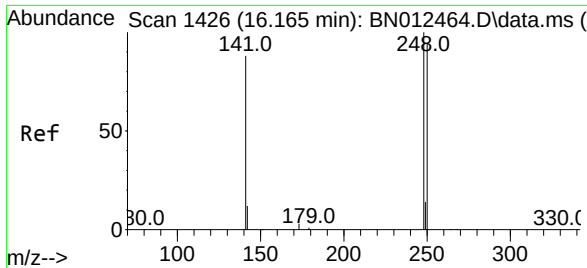
|             |       |       |
|-------------|-------|-------|
| Tgt Ion:188 | Resp: | 5077  |
| Ion Ratio   | Lower | Upper |
| 188         | 100   |       |
| 94          | 0.0   | 0.0   |
| 80          | 15.1  | 5.0   |



#20  
4,6-Dinitro-2-methylphenol  
Concen: 0.33 ng  
RT: 15.372 min Scan# 1363  
Delta R.T. -0.000 min  
Lab File: BN012476.D  
Acq: 30 Oct 2020 19:01

|             |       |       |
|-------------|-------|-------|
| Tgt Ion:198 | Resp: | 320   |
| Ion Ratio   | Lower | Upper |
| 198         | 100   |       |
| 51          | 245.1 | 43.5  |
| 105         | 284.1 | 27.2  |

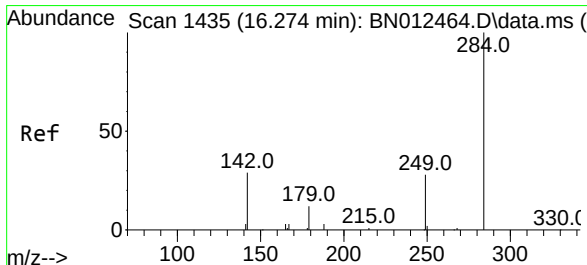
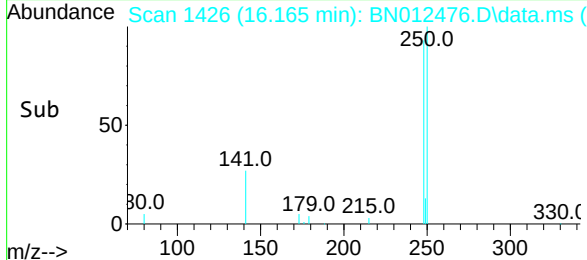
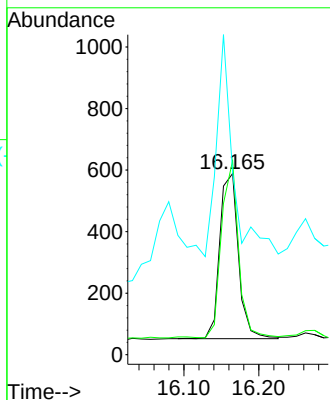
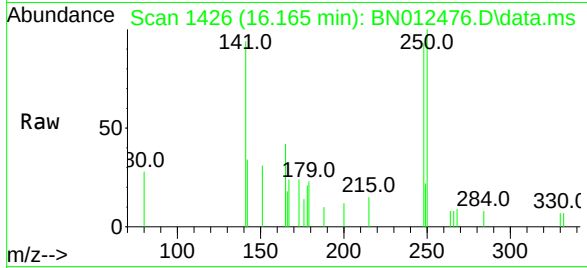




#21  
4-Bromophenyl-phenylether  
Concen: 0.30 ng  
RT: 16.165 min Scan# 1426  
Delta R.T. 0.000 min  
Lab File: BN012476.D  
Acq: 30 Oct 2020 19:01

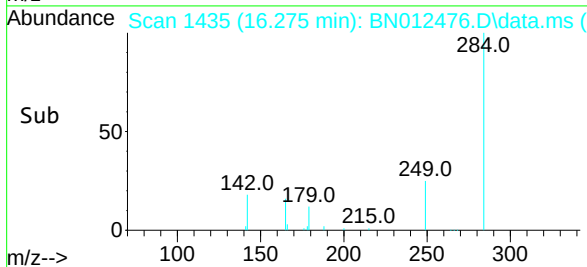
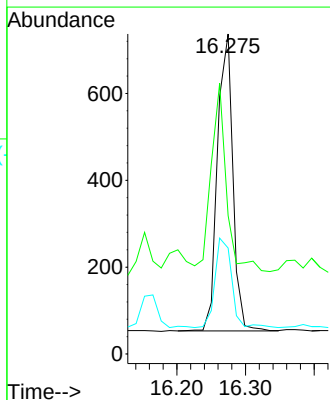
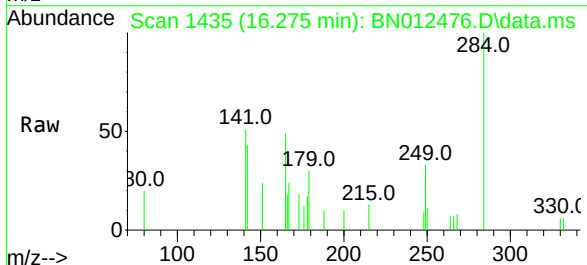
Instrument :  
BNA\_N  
ClientSampleId :  
TT-033-IDWSO-20201027MSD

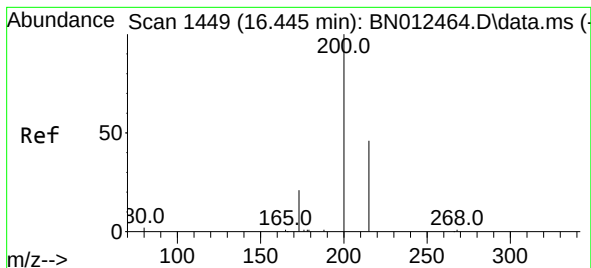
Tgt Ion: 248 Resp: 931  
Ion Ratio Lower Upper  
248 100  
250 107.1 77.3 115.9  
141 100.7 57.8 86.8#



#22  
Hexachlorobenzene  
Concen: 0.27 ng  
RT: 16.275 min Scan# 1435  
Delta R.T. 0.000 min  
Lab File: BN012476.D  
Acq: 30 Oct 2020 19:01

Tgt Ion: 284 Resp: 1064  
Ion Ratio Lower Upper  
284 100  
142 61.8 32.0 48.0#  
249 32.4 27.0 40.6





#23

Atrazine

Concen: 0.38 ng

RT: 16.433 min Scan# 1448

Delta R.T. -0.012 min

Lab File: BN012476.D

Acq: 30 Oct 2020 19:01

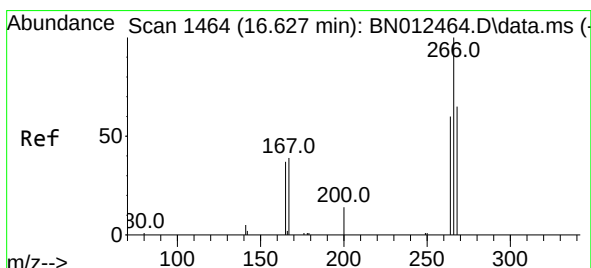
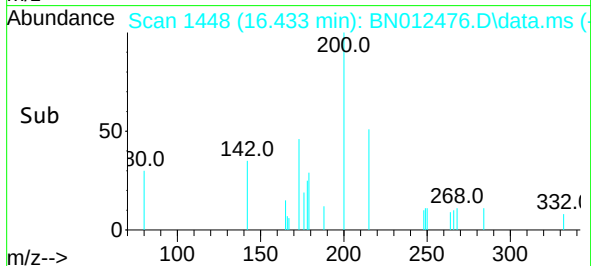
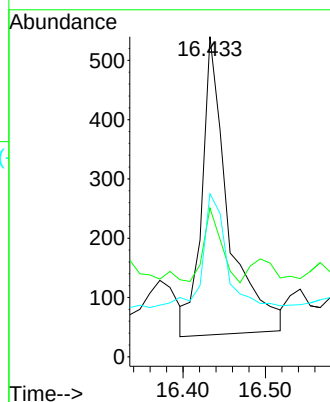
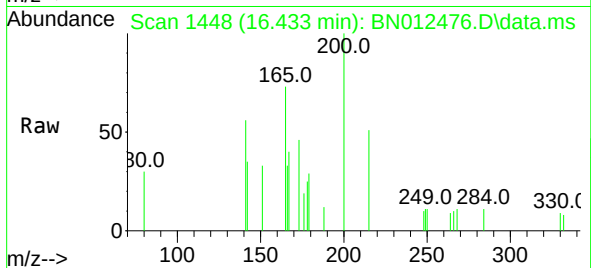
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 200   | Resp: | 1122  |
| Ion Ratio | Lower | Upper |       |
| 200       | 100   |       |       |
| 173       | 46.5  | 22.8  | 34.2# |
| 215       | 50.9  | 38.1  | 57.1  |

Instrument :

BNA\_N

ClientSampleId :

TT-033-IDWSO-20201027MSD



#24

Pentachlorophenol

Concen: 0.44 ng

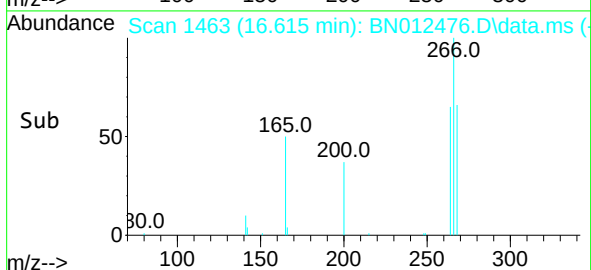
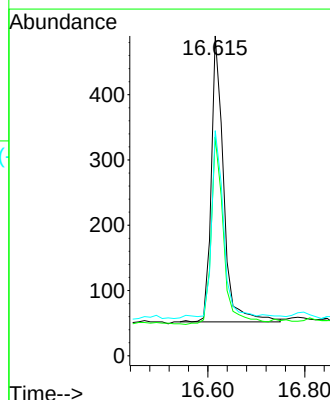
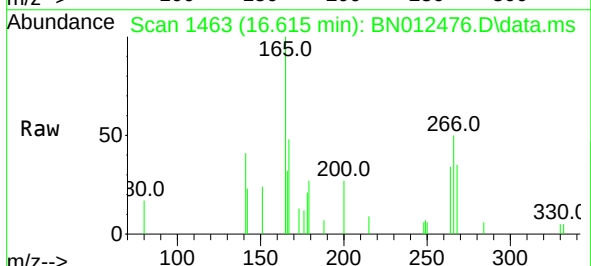
RT: 16.615 min Scan# 1463

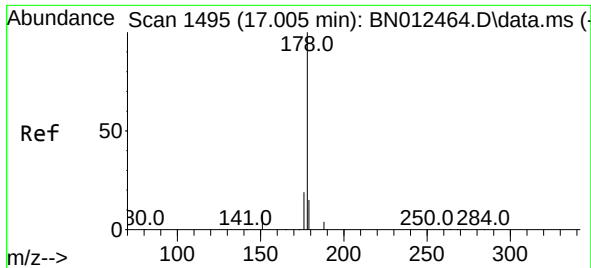
Delta R.T. -0.012 min

Lab File: BN012476.D

Acq: 30 Oct 2020 19:01

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 266   | Resp: | 778  |
| Ion Ratio | Lower | Upper |      |
| 266       | 100   |       |      |
| 264       | 65.9  | 50.9  | 76.3 |
| 268       | 65.8  | 51.5  | 77.3 |

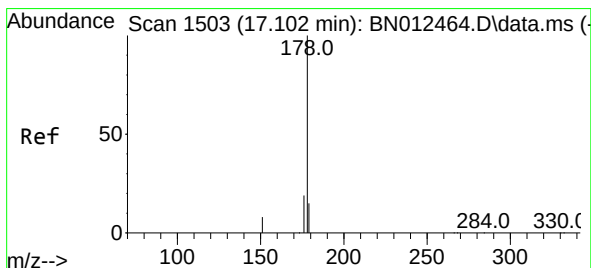
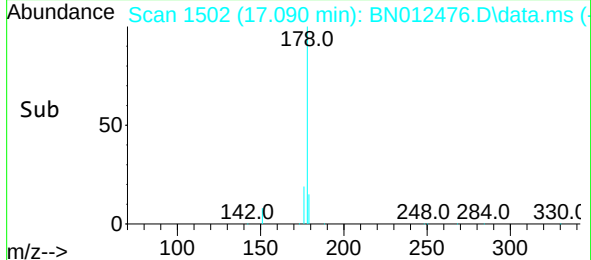
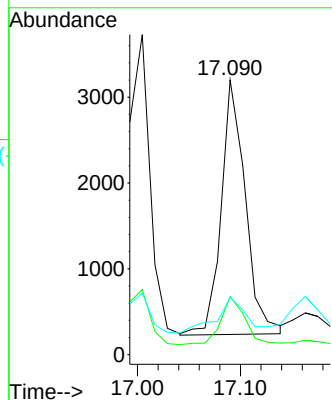
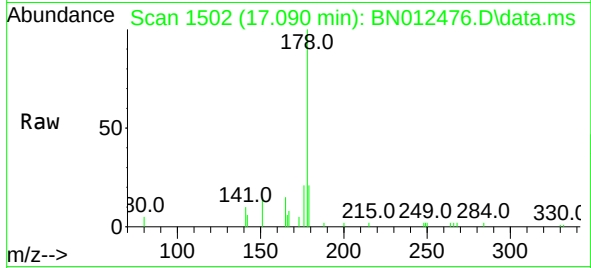




#25  
Phenanthrene  
Concen: 0.32 ng  
RT: 17.090 min Scan# 1502  
Delta R.T. 0.085 min  
Lab File: BN012476.D  
Acq: 30 Oct 2020 19:01

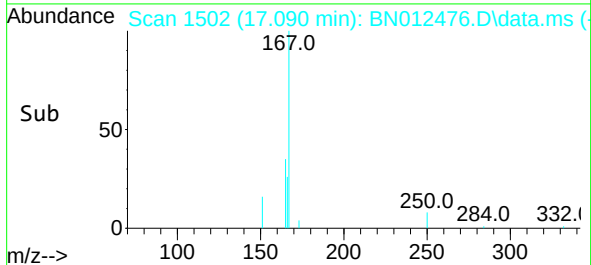
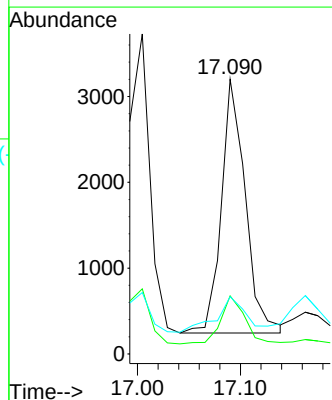
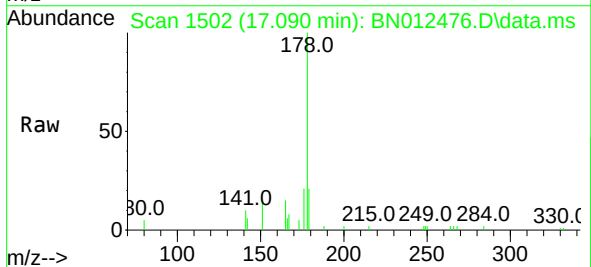
Instrument :  
BNA\_N  
ClientSampleId :  
TT-033-IDWSO-20201027MSD

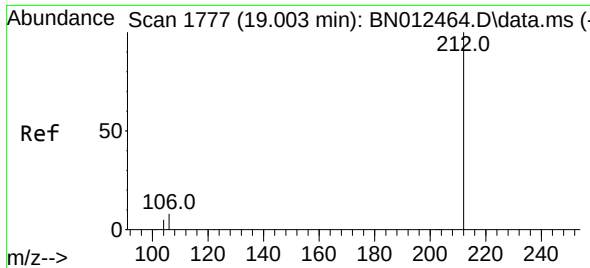
|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:178 | Resp: | 4833      |
| Ion Ratio   | Lower | Upper     |
| 178         | 100   |           |
| 176         | 19.2  | 14.8 22.2 |
| 179         | 17.6  | 12.4 18.6 |



#26  
Anthracene  
Concen: 0.34 ng  
RT: 17.090 min Scan# 1502  
Delta R.T. -0.012 min  
Lab File: BN012476.D  
Acq: 30 Oct 2020 19:01

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:178 | Resp: | 4787      |
| Ion Ratio   | Lower | Upper     |
| 178         | 100   |           |
| 176         | 19.1  | 14.8 22.2 |
| 179         | 17.8  | 12.5 18.7 |

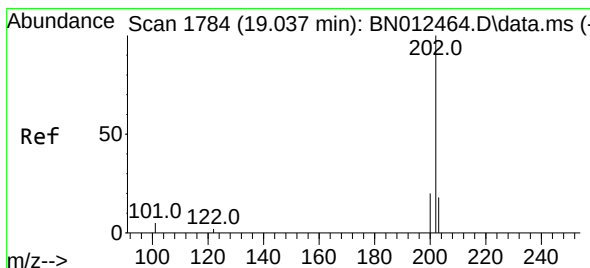
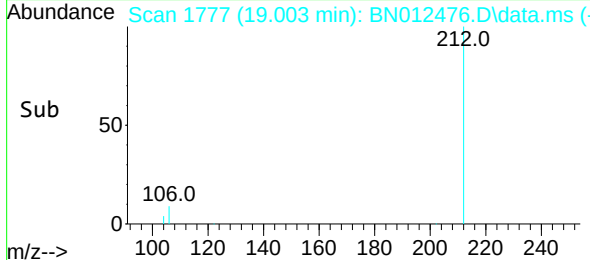
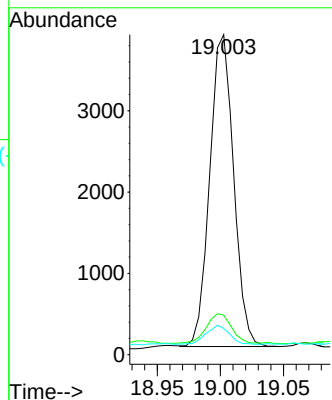
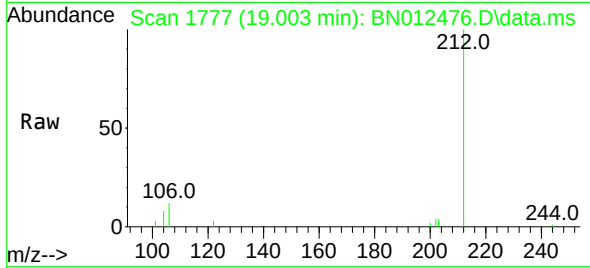




#27  
Fluoranthene-d10  
Concen: 0.32 ng  
RT: 19.003 min Scan# 1777  
Delta R.T. 0.000 min  
Lab File: BN012476.D  
Acq: 30 Oct 2020 19:01

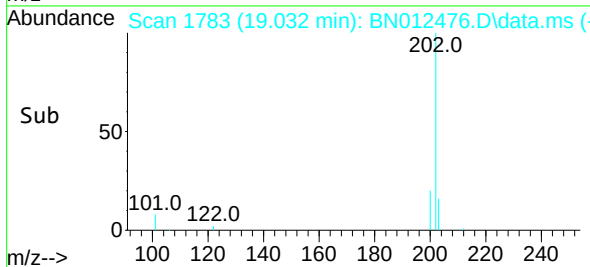
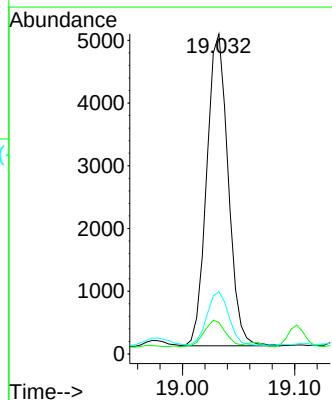
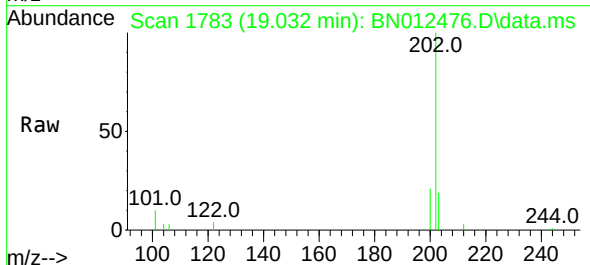
Instrument :  
BNA\_N  
ClientSampleId :  
TT-033-IDWSO-20201027MSD

Tgt Ion:212 Resp: 5043  
Ion Ratio Lower Upper  
212 100  
106 9.9 6.8 10.2  
104 6.0 4.1 6.1

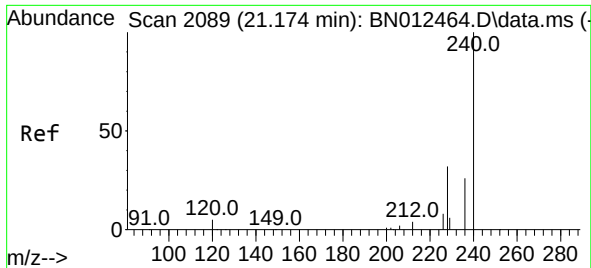


#28  
Fluoranthene  
Concen: 0.37 ng  
RT: 19.032 min Scan# 1783  
Delta R.T. -0.005 min  
Lab File: BN012476.D  
Acq: 30 Oct 2020 19:01

Tgt Ion:202 Resp: 6595  
Ion Ratio Lower Upper  
202 100  
101 8.6 5.8 8.6  
203 18.0 13.7 20.5



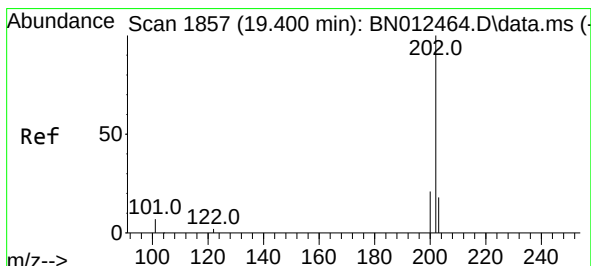
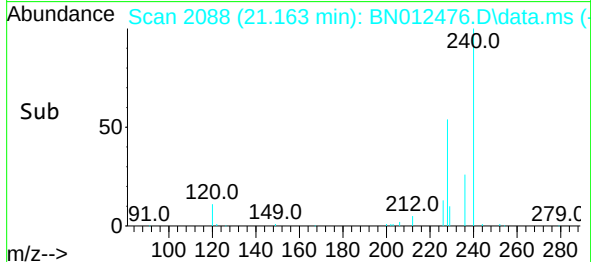
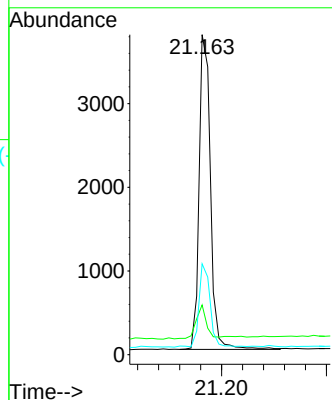
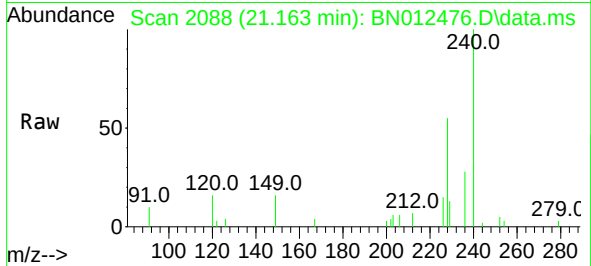




#29  
Chrysene-d12  
Concen: 0.40 ng  
RT: 21.163 min Scan# 2088  
Delta R.T. -0.011 min  
Lab File: BN012476.D  
Acq: 30 Oct 2020 19:01

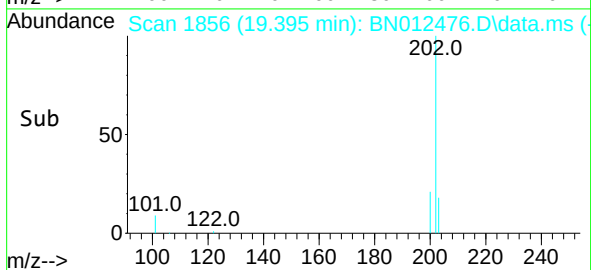
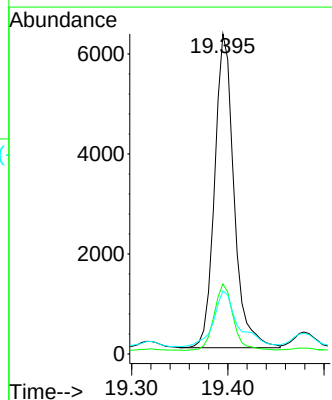
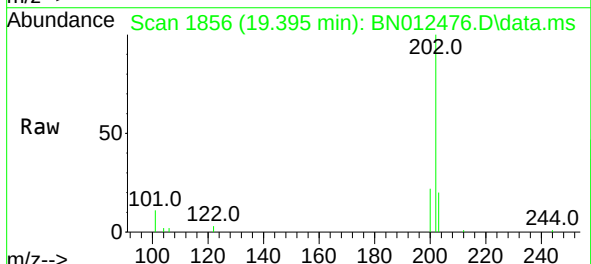
Instrument :  
BNA\_N  
ClientSampleId :  
TT-033-IDWSO-20201027MSD

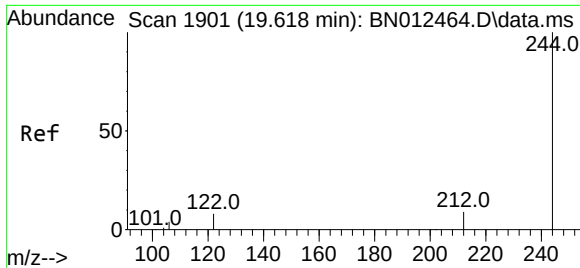
Tgt Ion:240 Resp: 5670  
Ion Ratio Lower Upper  
240 100  
120 15.5 5.3 7.9#  
236 28.4 21.8 32.8



#30  
Pyrene  
Concen: 0.45 ng  
RT: 19.395 min Scan# 1856  
Delta R.T. -0.005 min  
Lab File: BN012476.D  
Acq: 30 Oct 2020 19:01

Tgt Ion:202 Resp: 8763  
Ion Ratio Lower Upper  
202 100  
200 21.0 16.6 24.8  
203 22.3 13.8 20.8#

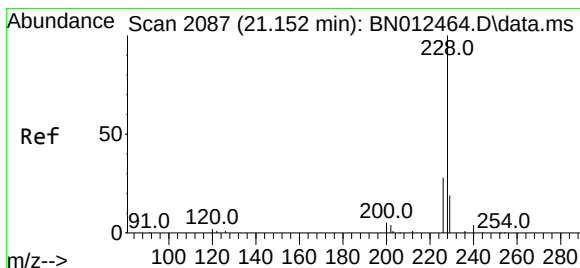
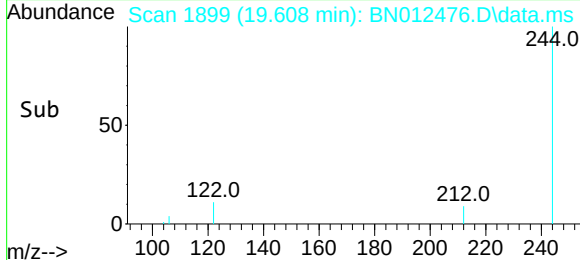
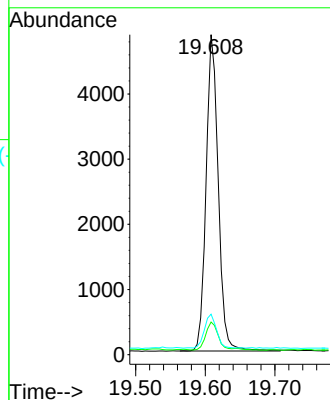
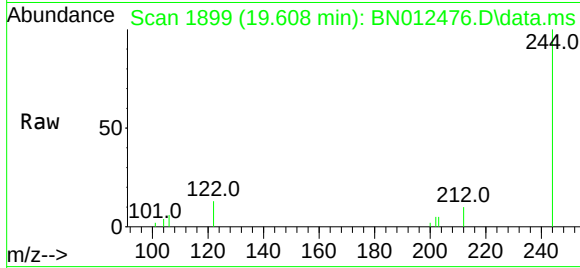




#31  
 Terphenyl-d14  
 Concen: 0.45 ng  
 RT: 19.608 min Scan# 1899  
 Delta R.T. -0.010 min  
 Lab File: BN012476.D  
 Acq: 30 Oct 2020 19:01

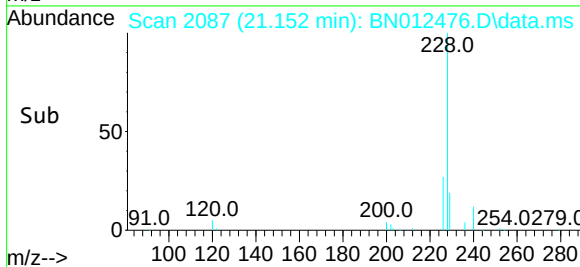
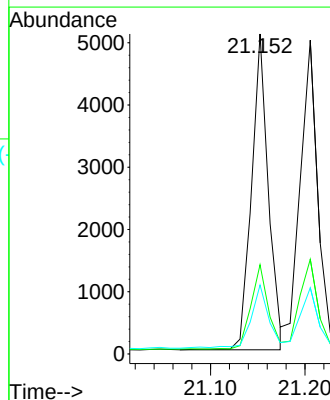
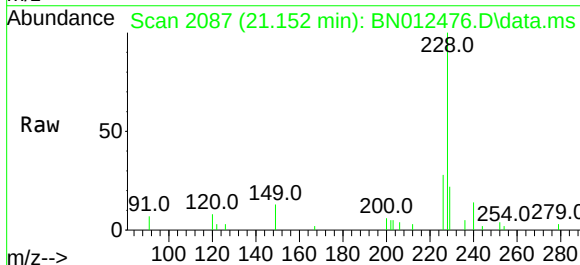
Instrument :  
 BNA\_N  
 ClientSampleId :  
 TT-033-IDWSO-20201027MSD

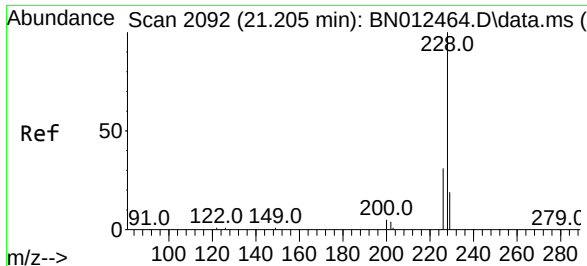
|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:244 | Resp: | 5917      |
| Ion Ratio   | Lower | Upper     |
| 244         | 100   |           |
| 212         | 10.2  | 7.3 10.9  |
| 122         | 12.6  | 7.3 10.9# |



#32  
 Benzo(a)anthracene  
 Concen: 0.36 ng  
 RT: 21.152 min Scan# 2087  
 Delta R.T. 0.000 min  
 Lab File: BN012476.D  
 Acq: 30 Oct 2020 19:01

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:228 | Resp: | 6295      |
| Ion Ratio   | Lower | Upper     |
| 228         | 100   |           |
| 226         | 27.9  | 22.3 33.5 |
| 229         | 21.5  | 15.7 23.5 |

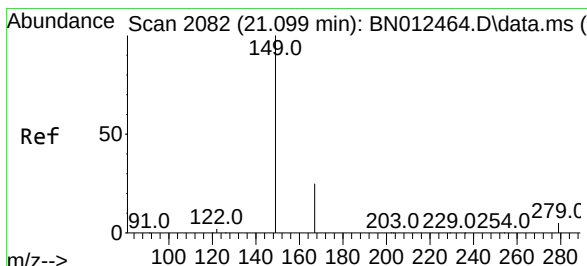
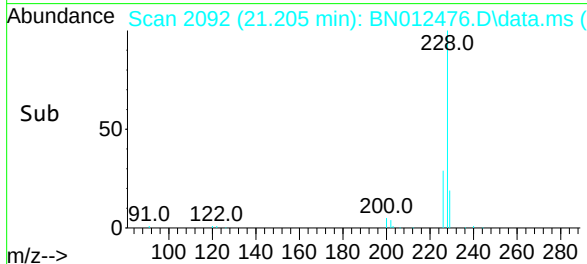
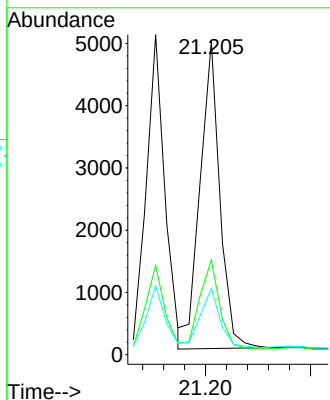
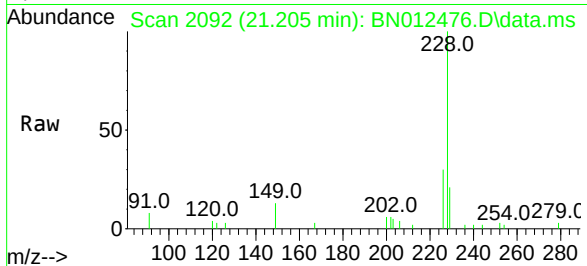




#33  
Chrysene  
Concen: 0.33 ng  
RT: 21.205 min Scan# 2092  
Delta R.T. 0.000 min  
Lab File: BN012476.D  
Acq: 30 Oct 2020 19:01

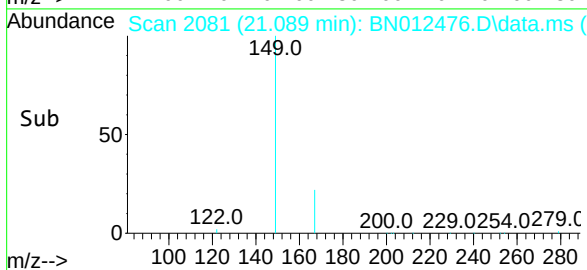
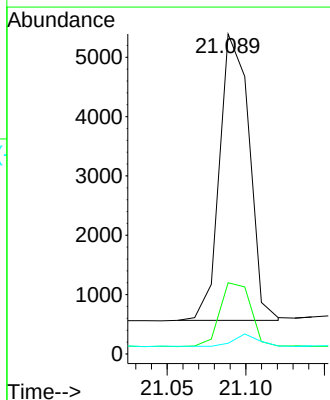
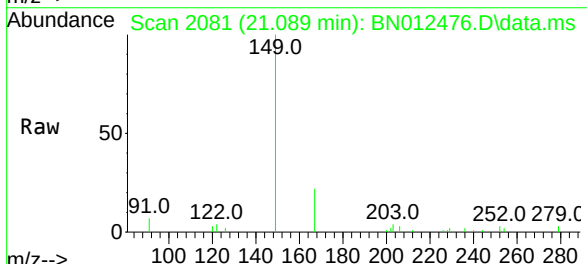
Instrument :  
BNA\_N  
ClientSampleId :  
TT-033-IDWSO-20201027MSD

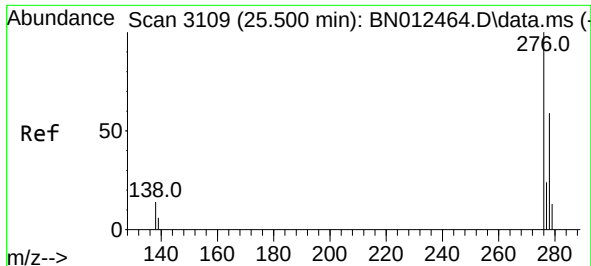
|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 228   | Resp: | 6417 |
| Ion Ratio | Lower | Upper |      |
| 228       | 100   |       |      |
| 226       | 30.2  | 24.2  | 36.2 |
| 229       | 21.1  | 15.7  | 23.5 |



#34  
Bis(2-ethylhexyl)phthalate  
Concen: 0.55 ng  
RT: 21.089 min Scan# 2081  
Delta R.T. -0.011 min  
Lab File: BN012476.D  
Acq: 30 Oct 2020 19:01

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 149   | Resp: | 6329 |
| Ion Ratio | Lower | Upper |      |
| 149       | 100   |       |      |
| 167       | 23.2  | 23.2  | 34.8 |
| 279       | 3.6   | 3.9   | 5.9# |

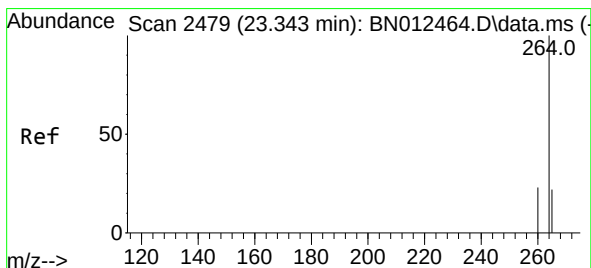
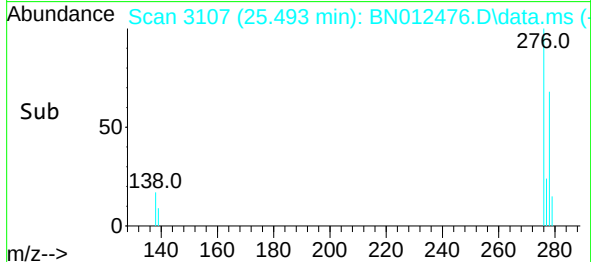
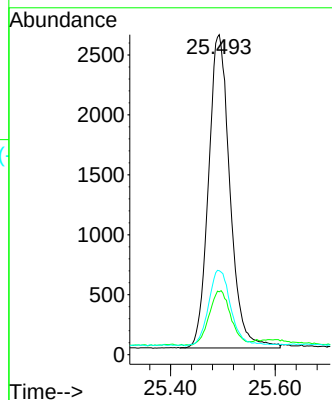
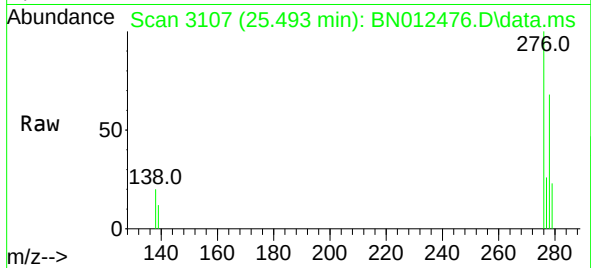




#35  
Indeno(1,2,3-cd)pyrene  
Concen: 0.26 ng  
RT: 25.493 min Scan# 3107  
Delta R.T. -0.007 min  
Lab File: BN012476.D  
Acq: 30 Oct 2020 19:01

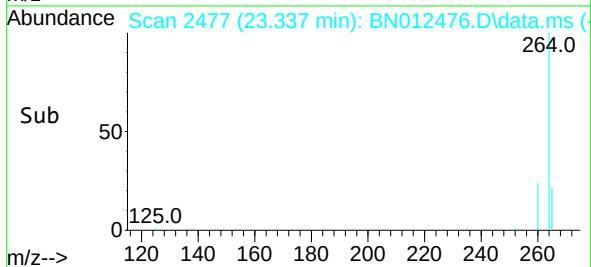
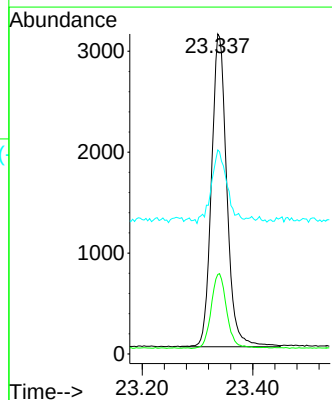
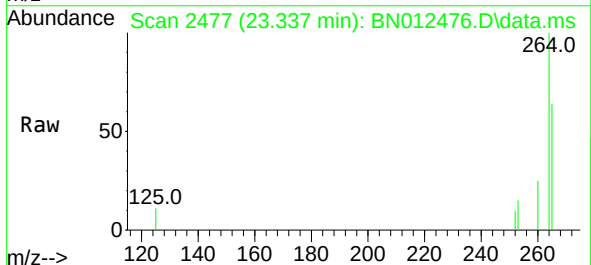
Instrument :  
BNA\_N  
ClientSampleId :  
TT-033-IDWSO-20201027MSD

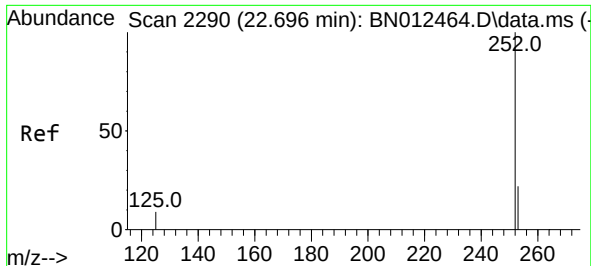
Tgt Ion:276 Resp: 7428  
Ion Ratio Lower Upper  
276 100  
138 17.4 13.3 19.9  
277 25.1 20.2 30.4



#36  
Perylene-d12  
Concen: 0.40 ng  
RT: 23.337 min Scan# 2477  
Delta R.T. -0.007 min  
Lab File: BN012476.D  
Acq: 30 Oct 2020 19:01

Tgt Ion:264 Resp: 5960  
Ion Ratio Lower Upper  
264 100  
260 24.8 19.8 29.6  
265 63.7 51.4 77.0





#37

Benzo(b)fluoranthene

Concen: 0.36 ng

RT: 22.690 min Scan# 2288

Delta R.T. -0.007 min

Lab File: BN012476.D

Acq: 30 Oct 2020 19:01

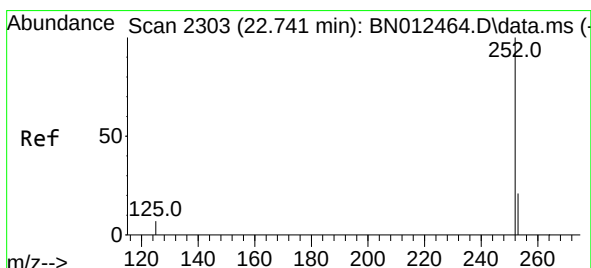
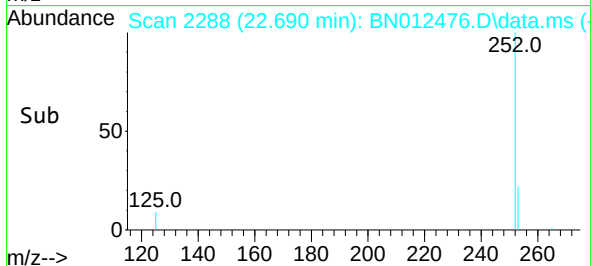
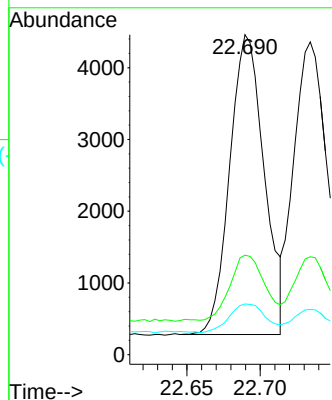
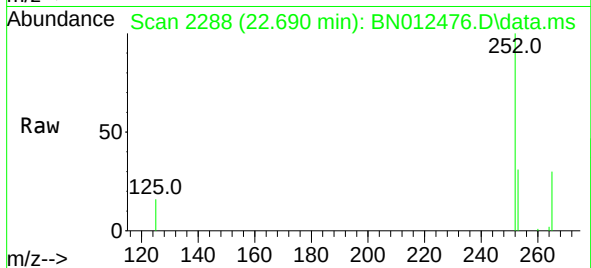
Tgt Ion:252 Resp: 6848

Ion Ratio Lower Upper

252 100

253 31.1 20.1 30.1#

125 15.8 7.2 10.8#



#38

Benzo(k)fluoranthene

Concen: 0.33 ng

RT: 22.734 min Scan# 2301

Delta R.T. -0.007 min

Lab File: BN012476.D

Acq: 30 Oct 2020 19:01

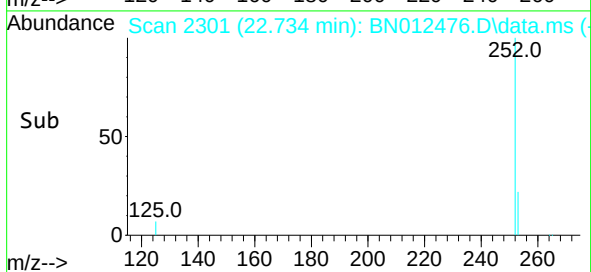
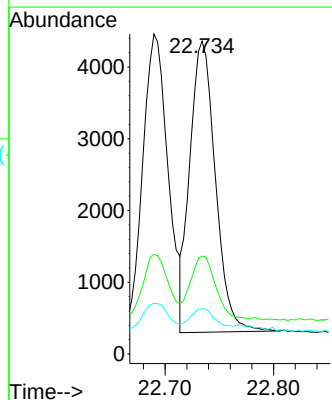
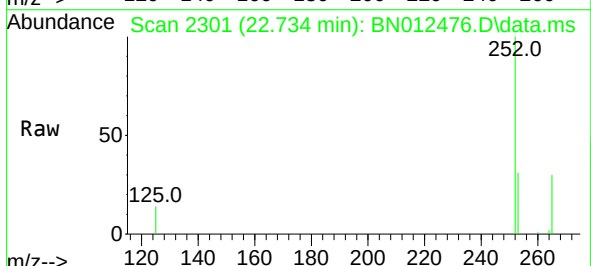
Tgt Ion:252 Resp: 6625

Ion Ratio Lower Upper

252 100

253 31.3 19.8 29.8#

125 14.4 7.1 10.7#

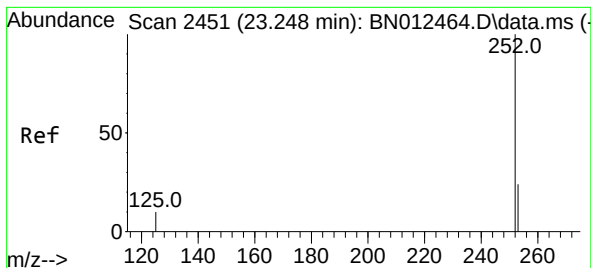


Instrument :

BNA\_N

ClientSampleId :

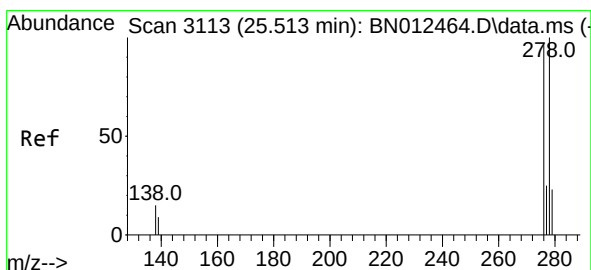
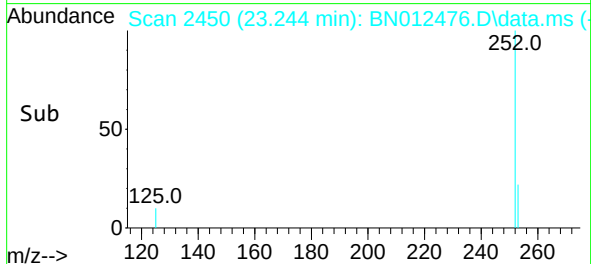
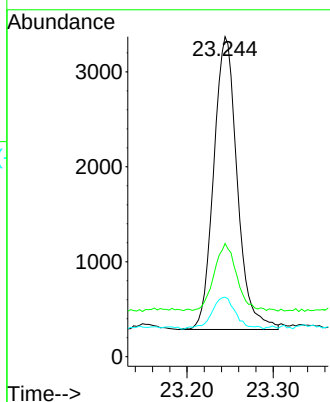
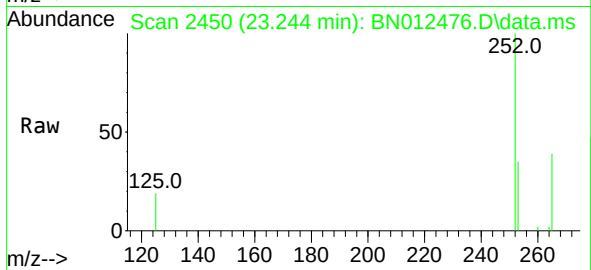
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#39  
Benzo(a)pyrene  
Concen: 0.32 ng  
RT: 23.244 min Scan# 2450  
Delta R.T. -0.003 min  
Lab File: BN012476.D  
Acq: 30 Oct 2020 19:01

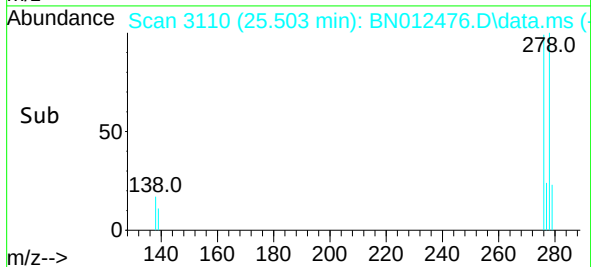
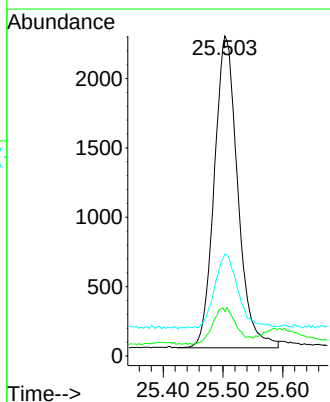
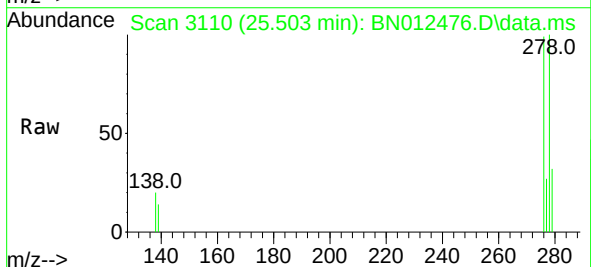
Instrument :  
BNA\_N  
ClientSampleId :  
TT-033-IDWSO-20201027MSD

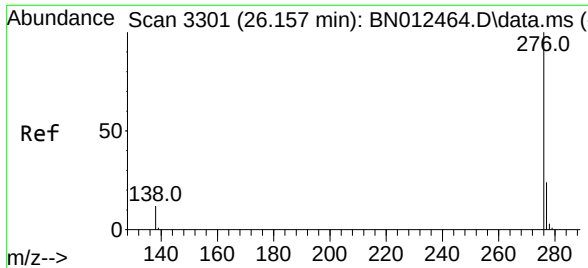
|             |       |            |
|-------------|-------|------------|
| Tgt Ion:252 | Resp: | 5855       |
| Ion Ratio   | Lower | Upper      |
| 252         | 100   |            |
| 253         | 35.4  | 21.3 31.9# |
| 125         | 18.6  | 8.3 12.5#  |



#40  
Dibenzo(a,h)anthracene  
Concen: 0.29 ng  
RT: 25.503 min Scan# 3110  
Delta R.T. -0.010 min  
Lab File: BN012476.D  
Acq: 30 Oct 2020 19:01

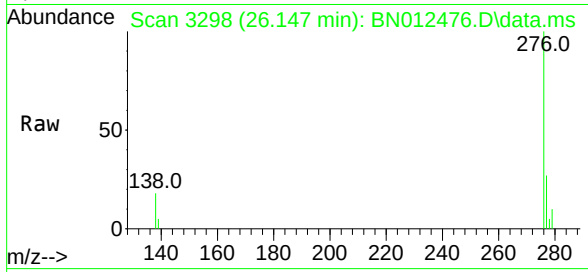
|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:278 | Resp: | 6125      |
| Ion Ratio   | Lower | Upper     |
| 278         | 100   |           |
| 139         | 13.9  | 9.3 13.9  |
| 279         | 31.8  | 21.6 32.4 |





#41  
Benzo(g,h,i)perylene  
Concen: 0.29 ng  
RT: 26.147 min Scan# 3298  
Delta R.T. -0.010 min  
Lab File: BN012476.D  
Acq: 30 Oct 2020 19:01

Instrument :  
BNA\_N  
ClientSampleId :  
TT-033-IDWSO-20201027MSD



Tgt Ion: 276 Resp: 6323  
Ion Ratio Lower Upper  
276 100  
277 27.1 19.8 29.8  
138 18.2 11.7 17.5#

