

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN092420\  
 Data File : BN011912.D  
 Acq On : 24 Sep 2020 14:08  
 Operator : CG/JU  
 Sample : L3988-23MSD  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 FC-MW03SR1-20200910MSD

Quant Time: Sep 24 14:40:29 2020  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN092320.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Sep 23 18:41:41 2020  
 Response via : Initial Calibration

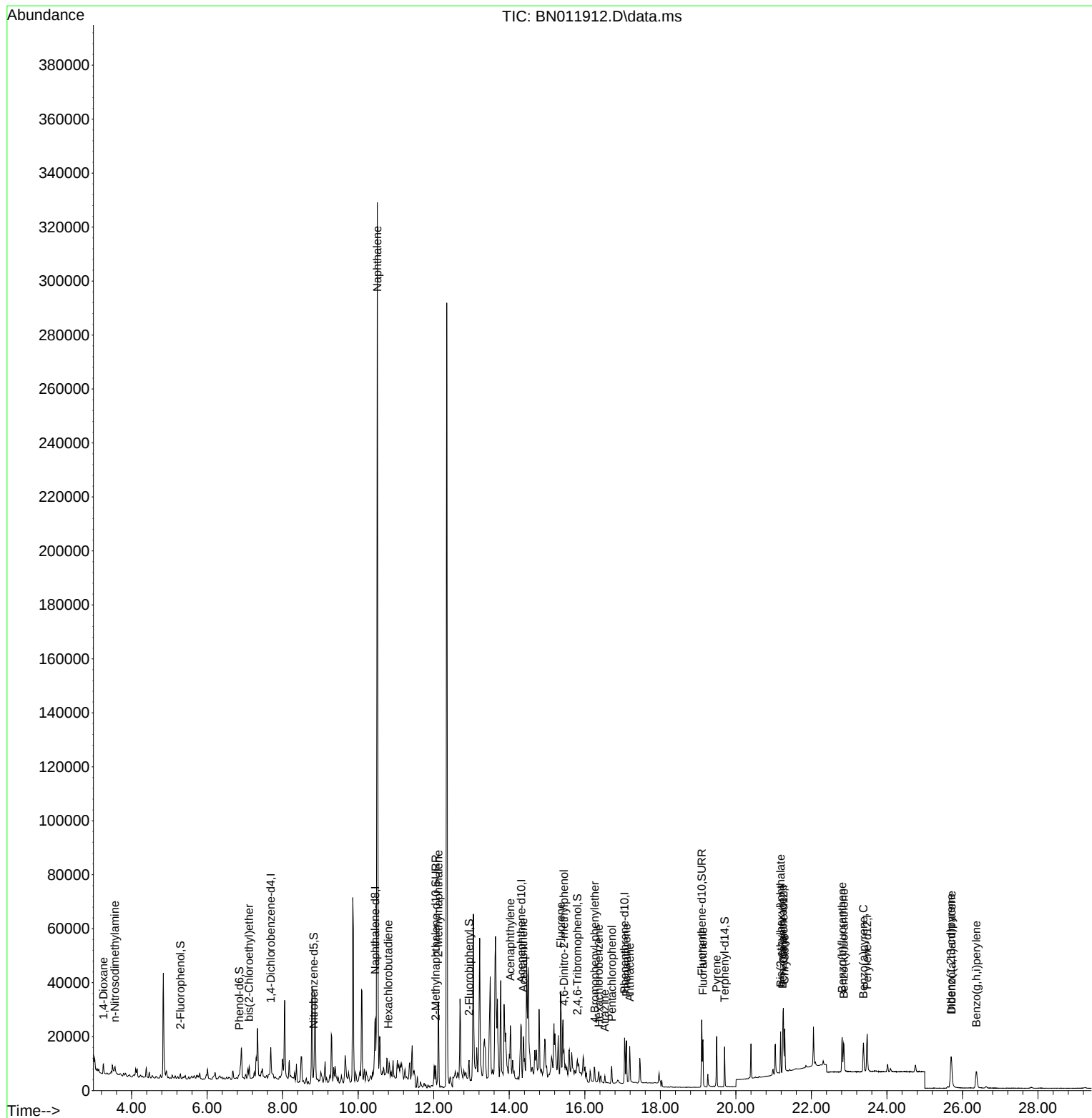
| Compound                      | R.T.   | QIon | Response | Conc | Units | Dev(Min) |
|-------------------------------|--------|------|----------|------|-------|----------|
| -----                         |        |      |          |      |       |          |
| Internal Standards            |        |      |          |      |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.683  | 152  | 3979     | 0.40 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.453 | 136  | 17371    | 0.40 | ng    | #-0.01   |
| 13) Acenaphthene-d10          | 14.319 | 164  | 12411    | 0.40 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.053 | 188  | 21460    | 0.40 | ng    | #-0.01   |
| 29) Chrysene-d12              | 21.259 | 240  | 19629    | 0.40 | ng    | #-0.01   |
| 36) Perylene-d12              | 23.474 | 264  | 19190    | 0.40 | ng    | #-0.01   |
| System Monitoring Compounds   |        |      |          |      |       |          |
| 4) 2-Fluorophenol             | 5.291  | 112  | 1263     | 0.09 | ng    | 0.00     |
| 5) Phenol-d6                  | 6.853  | 99   | 915      | 0.05 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 8.818  | 82   | 3357     | 0.19 | ng    | -0.01    |
| 11) 2-Methylnaphthalene-d10   | 12.051 | 152  | 11603    | 0.42 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.803 | 330  | 1346     | 0.22 | ng    | -0.01    |
| 15) 2-Fluorobiphenyl          | 12.936 | 172  | 7008     | 0.15 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.097 | 212  | 28176    | 0.45 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.703 | 244  | 14717    | 0.33 | ng    | 0.00     |
| Target Compounds              |        |      |          |      |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.254  | 88   | 2410     | 0.35 | ng    | # 72     |
| 3) n-Nitrosodimethylamine     | 3.560  | 42   | 2355     | 0.24 | ng    | # 97     |
| 6) bis(2-Chloroethyl)ether    | 7.111  | 93   | 3173     | 0.21 | ng    | 88       |
| 9) Naphthalene                | 10.504 | 128  | 380106   | 7.64 | ng    | 98       |
| 10) Hexachlorobutadiene       | 10.795 | 225  | 1499     | 0.18 | ng    | # 97     |
| 12) 2-Methylnaphthalene       | 12.122 | 142  | 21111    | 0.67 | ng    | 96       |
| 16) Acenaphthylene            | 14.027 | 152  | 11125    | 0.19 | ng    | # 82     |
| 17) Acenaphthene              | 14.370 | 154  | 8999     | 0.22 | ng    | 91       |
| 18) Fluorene                  | 15.359 | 166  | 14773    | 0.30 | ng    | # 97     |
| 20) 4,6-Dinitro-2-methylph... | 15.448 | 198  | 965      | 0.24 | ng    | # 1      |
| 21) 4-Bromophenyl-phenylether | 16.262 | 248  | 2235     | 0.20 | ng    | # 81     |
| 22) Hexachlorobenzene         | 16.372 | 284  | 2408     | 0.18 | ng    | # 86     |
| 23) Atrazine                  | 16.530 | 200  | 1839     | 0.17 | ng    | # 83     |
| 24) Pentachlorophenol         | 16.713 | 266  | 2862     | 0.44 | ng    | 98       |
| 25) Phenanthrene              | 17.102 | 178  | 15617    | 0.24 | ng    | 96       |
| 26) Anthracene                | 17.187 | 178  | 12582    | 0.22 | ng    | 99       |
| 28) Fluoranthene              | 19.127 | 202  | 15115    | 0.21 | ng    | # 94     |
| 30) Pyrene                    | 19.489 | 202  | 16078    | 0.22 | ng    | 98       |
| 32) Benzo(a)anthracene        | 21.237 | 228  | 13121    | 0.21 | ng    | 97       |
| 33) Chrysene                  | 21.290 | 228  | 13911    | 0.20 | ng    | 98       |
| 34) Bis(2-ethylhexyl)phtha... | 21.184 | 149  | 13622    | 0.31 | ng    | # 91     |
| 35) Indeno(1,2,3-cd)pyrene    | 25.695 | 276  | 14767    | 0.19 | ng    | # 88     |
| 37) Benzo(b)fluoranthene      | 22.813 | 252  | 13904    | 0.21 | ng    | # 63     |
| 38) Benzo(k)fluoranthene      | 22.854 | 252  | 14009    | 0.20 | ng    | # 74     |
| 39) Benzo(a)pyrene            | 23.378 | 252  | 12091    | 0.20 | ng    | # 38     |
| 40) Dibenzo(a,h)anthracene    | 25.709 | 278  | 11773    | 0.19 | ng    | # 82     |
| 41) Benzo(g,h,i)perylene      | 26.369 | 276  | 12878    | 0.19 | ng    | # 87     |
| -----                         |        |      |          |      |       |          |

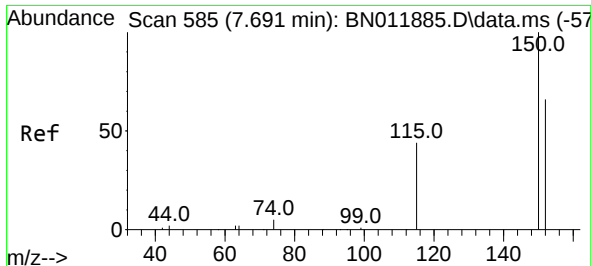
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Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN092420\  
Data File : BN011912.D  
Acq On : 24 Sep 2020 14:08  
Operator : CG/JU  
Sample : L3988-23MSD  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
FC-MW03SR1-20200910MSD

Quant Time: Sep 24 14:40:29 2020  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN092320.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Sep 23 18:41:41 2020  
Response via : Initial Calibration

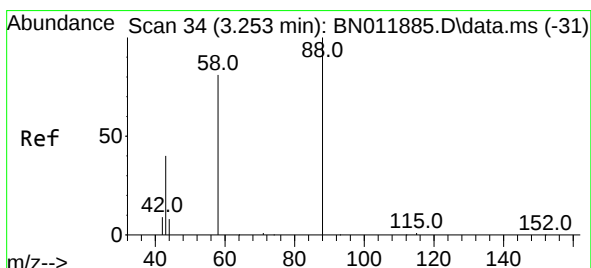
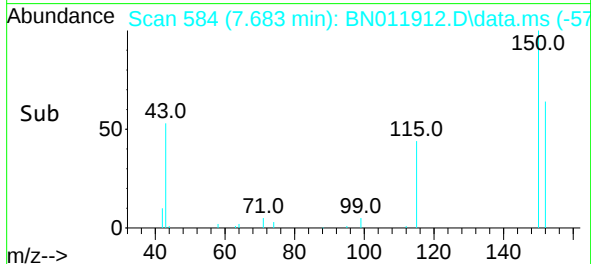
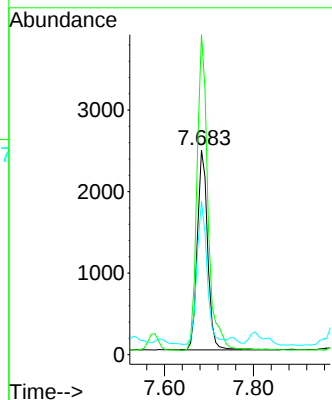
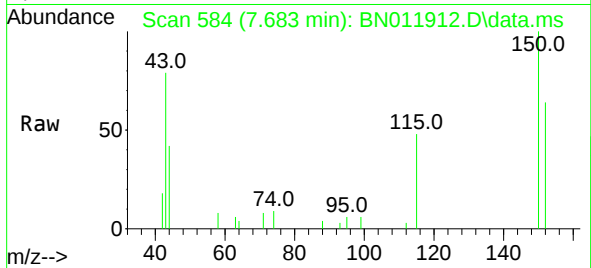




#1  
1,4-Dichlorobenzene-d4  
Concen: 0.40 ng  
RT: 7.683 min Scan# 584  
Delta R.T. -0.008 min  
Lab File: BN011912.D  
Acq: 24 Sep 2020 14:08

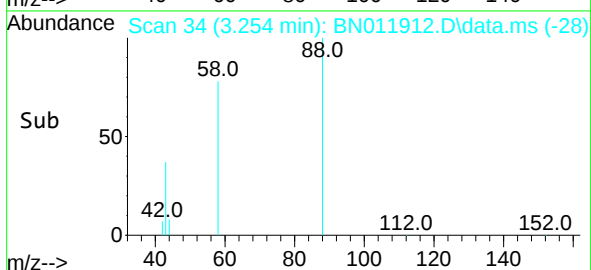
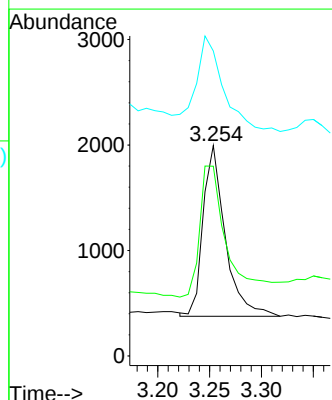
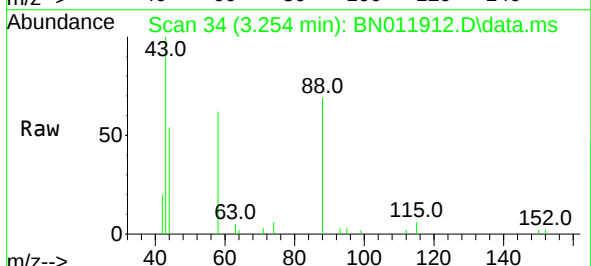
Instrument :  
BNA\_N  
ClientSampleId :  
FC-MW03SR1-20200910MSD

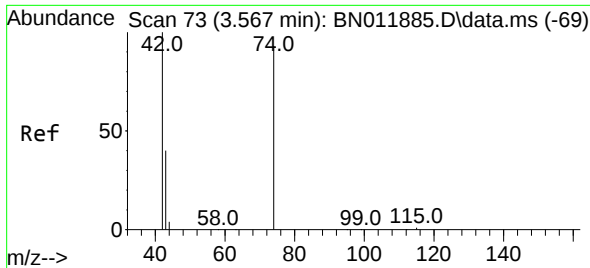
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Ion Ratio Lower Upper  
152 100  
150 156.5 118.3 177.5  
115 75.0 51.3 76.9



#2  
1,4-Dioxane  
Concen: 0.35 ng  
RT: 3.254 min Scan# 34  
Delta R.T. 0.000 min  
Lab File: BN011912.D  
Acq: 24 Sep 2020 14:08

Tgt Ion: 88 Resp: 2410  
Ion Ratio Lower Upper  
88 100  
58 94.6 63.3 94.9  
43 71.8 33.0 49.4#

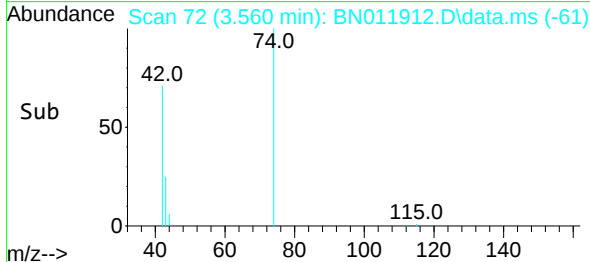
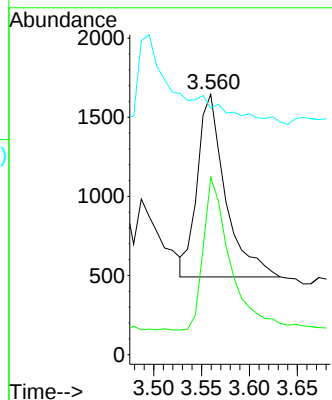
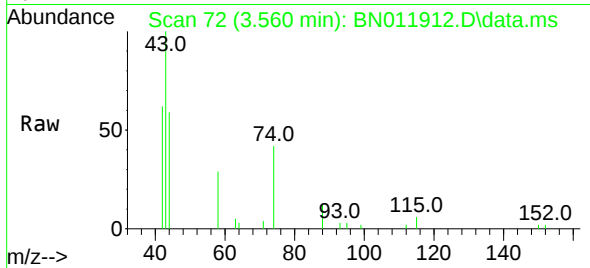




#3  
n-Nitrosodimethylamine  
Concen: 0.24 ng  
RT: 3.560 min Scan# 72  
Delta R.T. -0.007 min  
Lab File: BN011912.D  
Acq: 24 Sep 2020 14:08

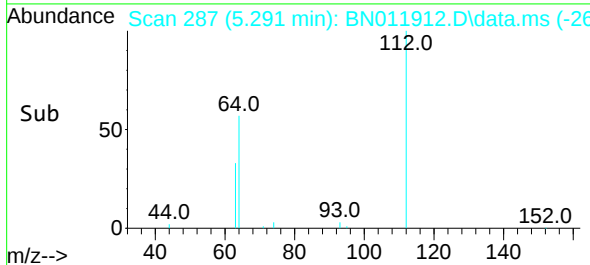
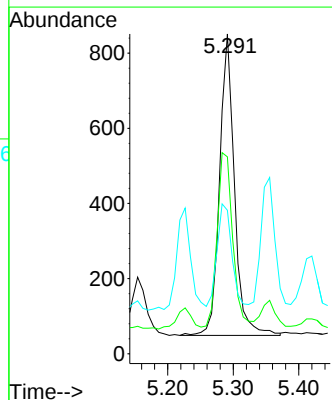
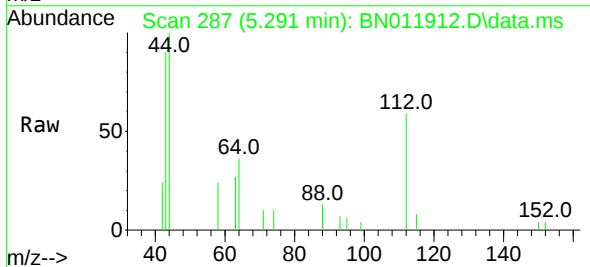
Instrument :  
BNA\_N  
ClientSampleId :  
FC-MW03SR1-20200910MSD

Tgt Ion: 42 Resp: 2355  
Ion Ratio Lower Upper  
42 100  
74 79.8 64.4 96.6  
44 0.0 6.7 10.1#



#4  
2-Fluorophenol  
Concen: 0.09 ng  
RT: 5.291 min Scan# 287  
Delta R.T. 0.000 min  
Lab File: BN011912.D  
Acq: 24 Sep 2020 14:08

Tgt Ion: 112 Resp: 1263  
Ion Ratio Lower Upper  
112 100  
64 62.9 49.0 73.6  
63 35.6 31.8 47.6

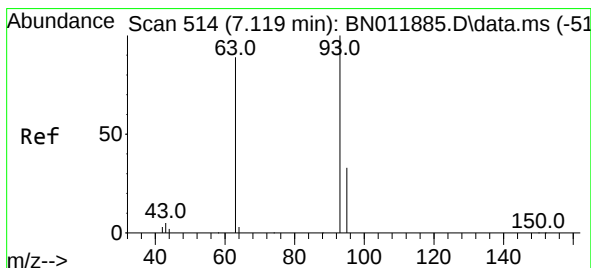
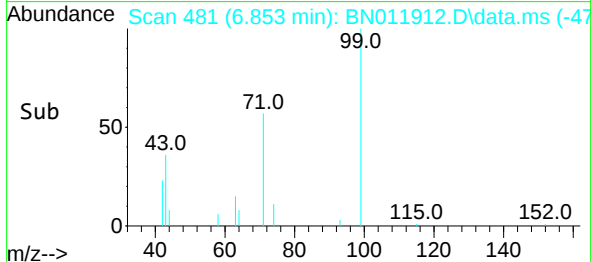
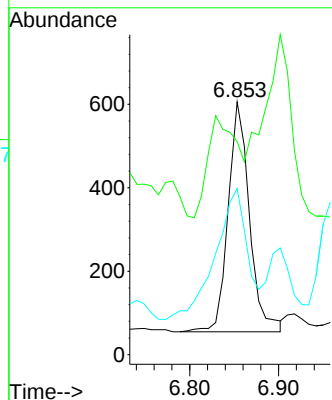
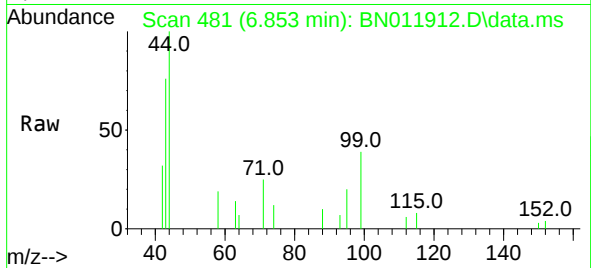




#5  
Phenol-d6  
Concen: 0.05 ng  
RT: 6.853 min Scan# 481  
Delta R.T. -0.008 min  
Lab File: BN011912.D  
Acq: 24 Sep 2020 14:08

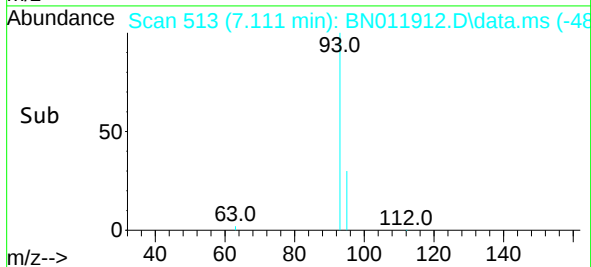
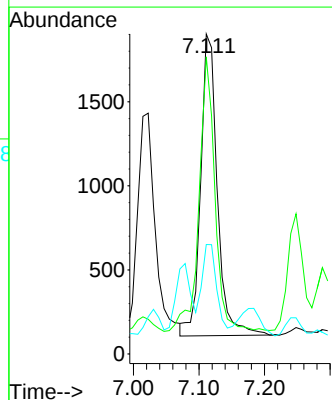
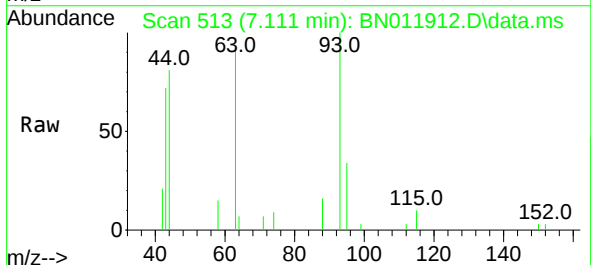
Instrument :  
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ClientSampleId :  
FC-MW03SR1-20200910MSD

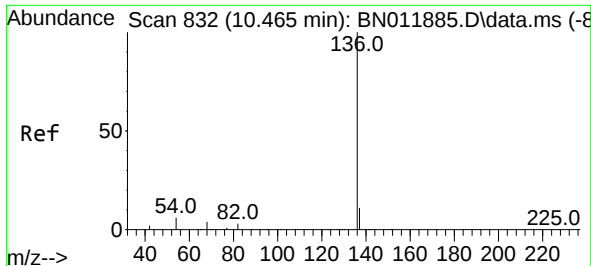
Tgt Ion: 99 Resp: 915  
Ion Ratio Lower Upper  
99 100  
42 0.0 23.4 35.0#  
71 86.1 38.1 57.1#



#6  
bis(2-Chloroethyl)ether  
Concen: 0.21 ng  
RT: 7.111 min Scan# 513  
Delta R.T. -0.008 min  
Lab File: BN011912.D  
Acq: 24 Sep 2020 14:08

Tgt Ion: 93 Resp: 3173  
Ion Ratio Lower Upper  
93 100  
63 87.3 61.1 91.7  
95 26.1 25.5 38.3

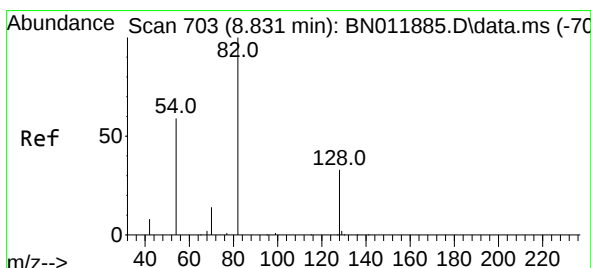
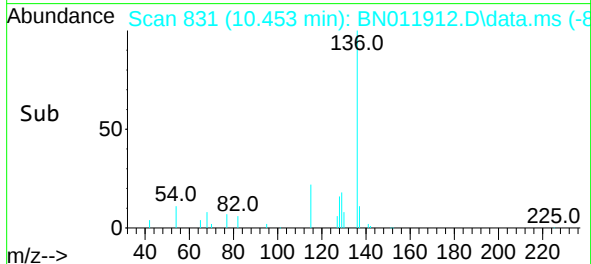
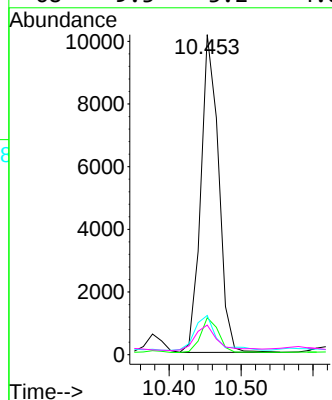
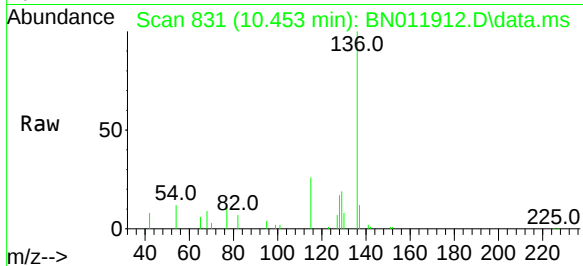




#7  
Naphthalene-d8  
Concen: 0.40 ng  
RT: 10.453 min Scan# 831  
Delta R.T. -0.012 min  
Lab File: BN011912.D  
Acq: 24 Sep 2020 14:08

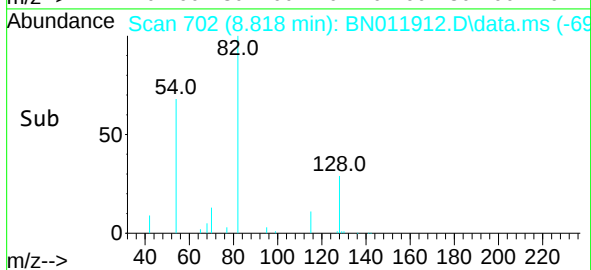
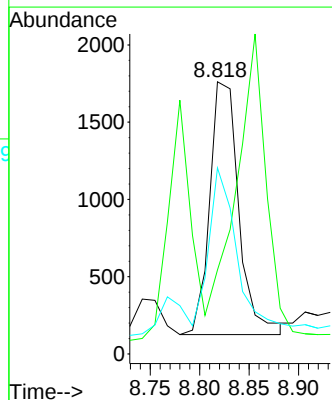
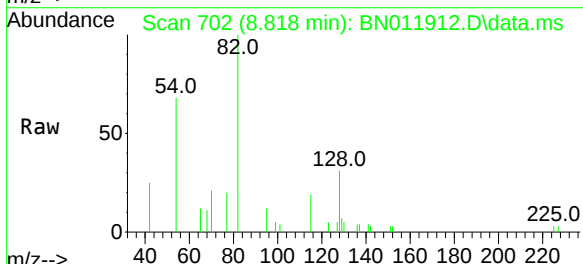
Instrument :  
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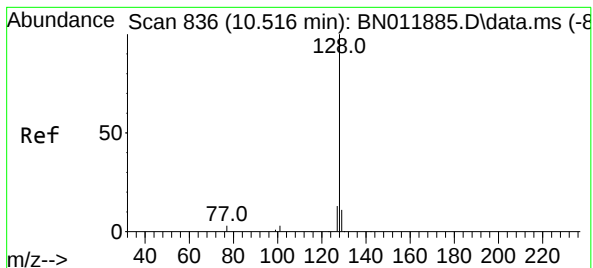
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|-----------|-------|-------|-------|
| Tgt Ion:  | 136   | Resp: | 17371 |
| Ion Ratio | Lower | Upper |       |
| 136       | 100   |       |       |
| 137       | 11.5  | 9.5   | 14.3  |
| 54        | 12.3  | 5.6   | 8.4#  |
| 68        | 9.3   | 3.2   | 4.8#  |



#8  
Nitrobenzene-d5  
Concen: 0.19 ng  
RT: 8.818 min Scan# 702  
Delta R.T. -0.012 min  
Lab File: BN011912.D  
Acq: 24 Sep 2020 14:08

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 82    | Resp: | 3357  |
| Ion Ratio | Lower | Upper |       |
| 82        | 100   |       |       |
| 128       | 30.9  | 34.2  | 51.2# |
| 54        | 68.4  | 43.1  | 64.7# |

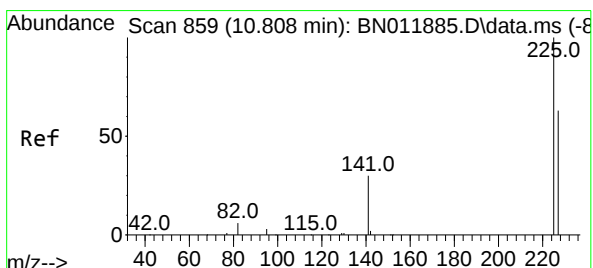
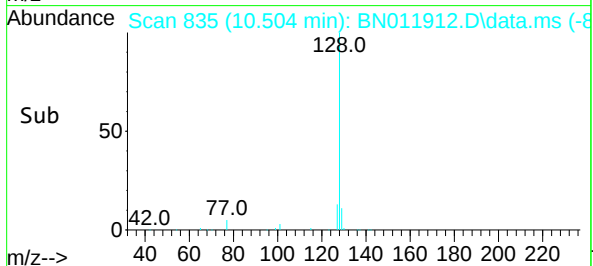
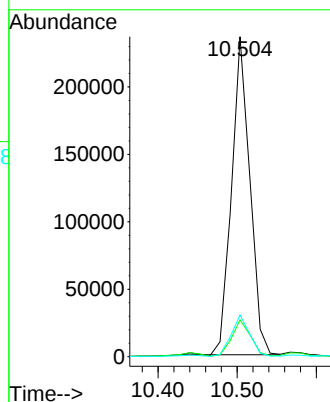
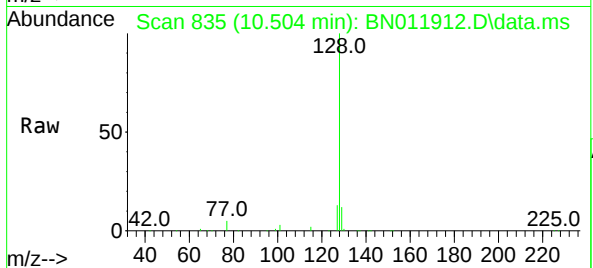




#9  
Naphthalene  
Concen: 7.64 ng  
RT: 10.504 min Scan# 835  
Delta R.T. -0.012 min  
Lab File: BN011912.D  
Acq: 24 Sep 2020 14:08

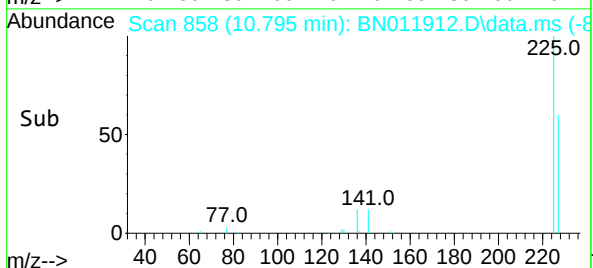
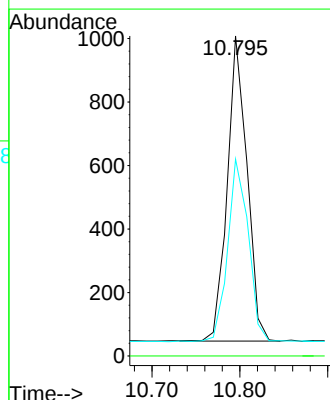
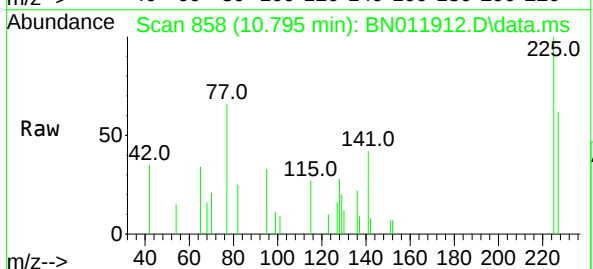
Instrument :  
BNA\_N  
ClientSampleId :  
FC-MW03SR1-20200910MSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 128   | Resp: | 380106 |
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 129       | 11.5  | 9.7   | 14.5   |
| 127       | 13.0  | 11.0  | 16.4   |



#10  
Hexachlorobutadiene  
Concen: 0.18 ng  
RT: 10.795 min Scan# 858  
Delta R.T. -0.012 min  
Lab File: BN011912.D  
Acq: 24 Sep 2020 14:08

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 225   | Resp: | 1499 |
| Ion Ratio | Lower | Upper |      |
| 225       | 100   |       |      |
| 223       | 0.0   | 0.0   | 0.0  |
| 227       | 62.5  | 51.9  | 77.9 |

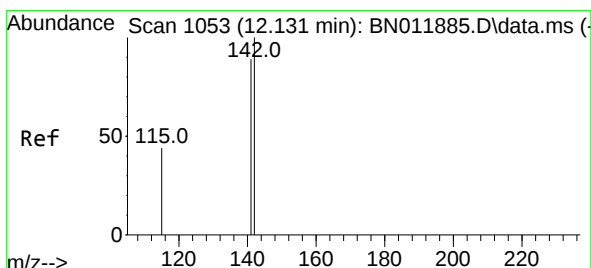
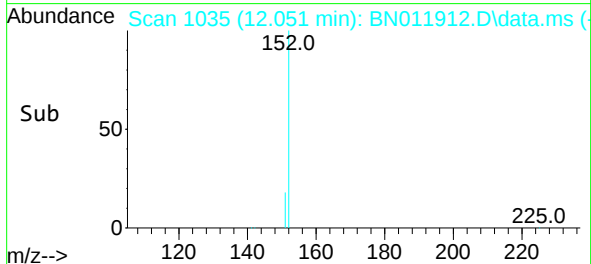
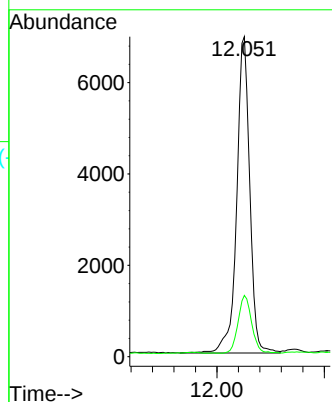
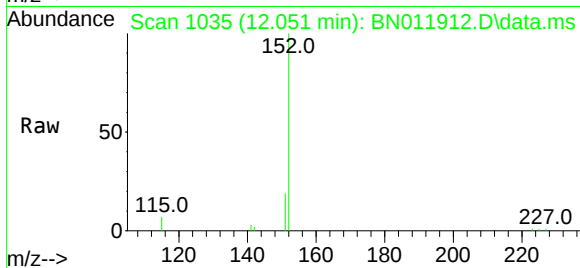




#11  
2-Methylnaphthalene-d10  
Concen: 0.42 ng  
RT: 12.051 min Scan# 1035  
Delta R.T. -0.004 min  
Lab File: BN011912.D  
Acq: 24 Sep 2020 14:08

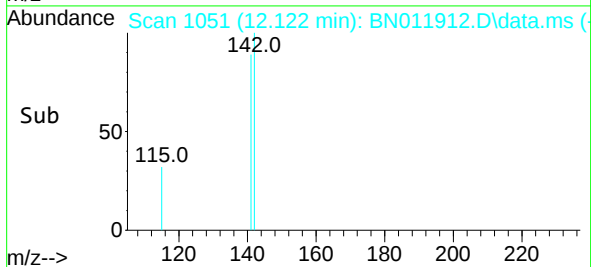
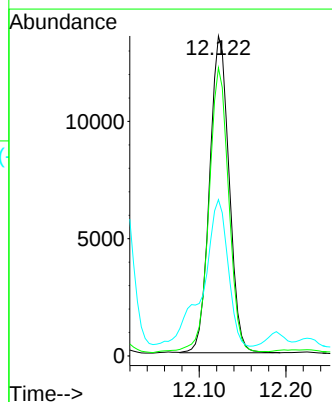
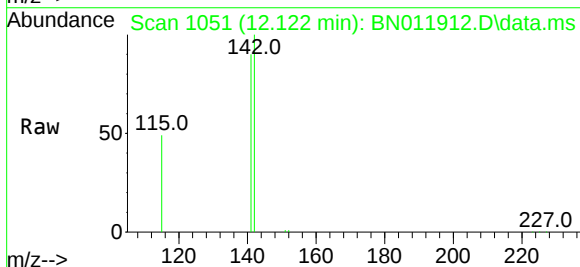
Instrument :  
BNA\_N  
ClientSampleId :  
FC-MW03SR1-20200910MSD

Tgt Ion:152 Resp: 11603  
Ion Ratio Lower Upper  
152 100  
151 18.9 16.7 25.1



#12  
2-Methylnaphthalene  
Concen: 0.67 ng  
RT: 12.122 min Scan# 1051  
Delta R.T. -0.009 min  
Lab File: BN011912.D  
Acq: 24 Sep 2020 14:08

Tgt Ion:142 Resp: 21111  
Ion Ratio Lower Upper  
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141 90.0 70.0 105.0  
115 48.9 35.8 53.6

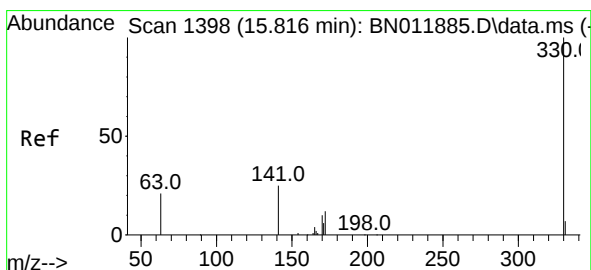
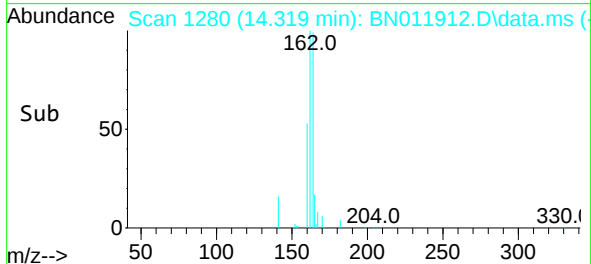
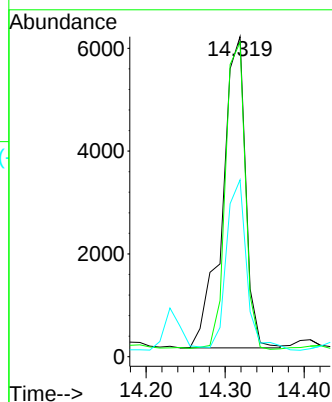
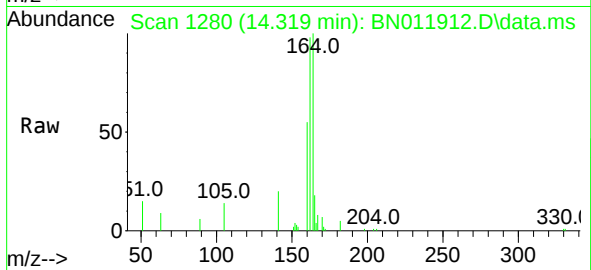




#13  
Acenaphthene-d10  
Concen: 0.40 ng  
RT: 14.319 min Scan# 1280  
Delta R.T. 0.000 min  
Lab File: BN011912.D  
Acq: 24 Sep 2020 14:08

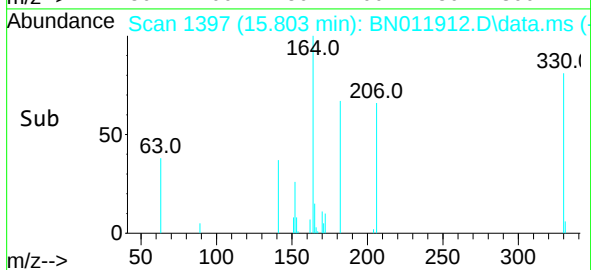
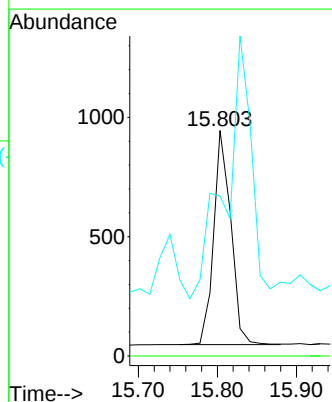
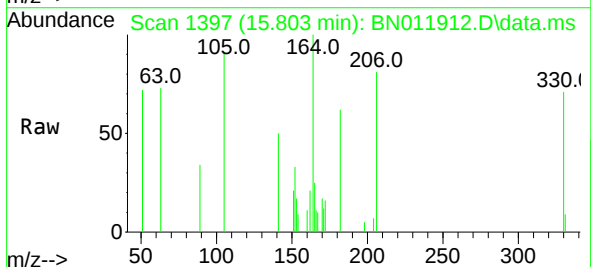
Instrument :  
BNA\_N  
ClientSampleId :  
FC-MW03SR1-20200910MSD

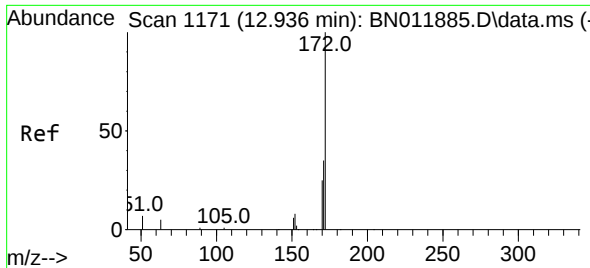
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 164   | Resp: | 12411 |
| Ion Ratio | Lower | Upper |       |
| 164       | 100   |       |       |
| 162       | 98.2  | 83.6  | 125.4 |
| 160       | 55.2  | 41.2  | 61.8  |



#14  
2,4,6-Tribromophenol  
Concen: 0.22 ng  
RT: 15.803 min Scan# 1397  
Delta R.T. -0.013 min  
Lab File: BN011912.D  
Acq: 24 Sep 2020 14:08

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 330   | Resp: | 1346  |
| Ion Ratio | Lower | Upper |       |
| 330       | 100   |       |       |
| 332       | 0.0   | 0.0   | 0.0   |
| 141       | 0.0   | 33.7  | 50.5# |

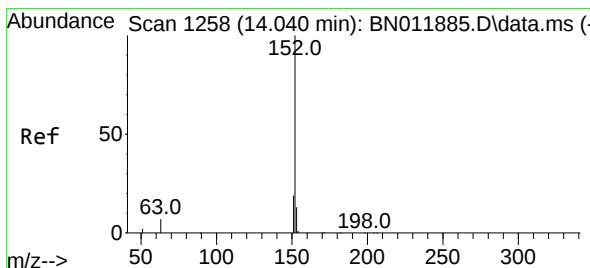
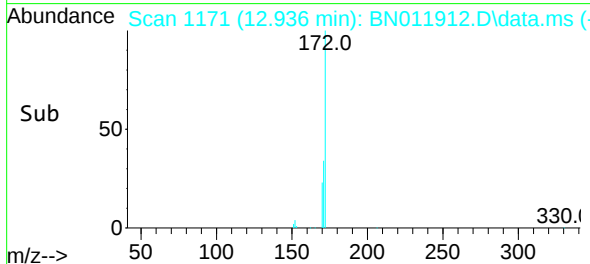
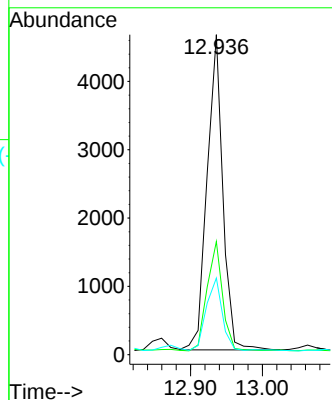
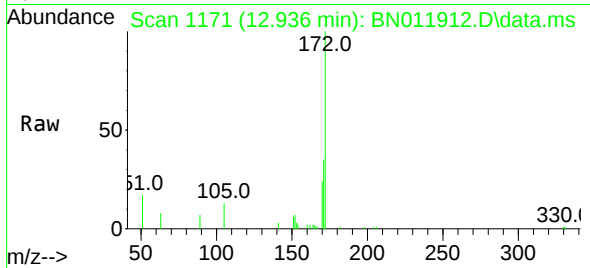




#15  
2-Fluorobiphenyl  
Concen: 0.15 ng  
RT: 12.936 min Scan# 1171  
Delta R.T. 0.000 min  
Lab File: BN011912.D  
Acq: 24 Sep 2020 14:08

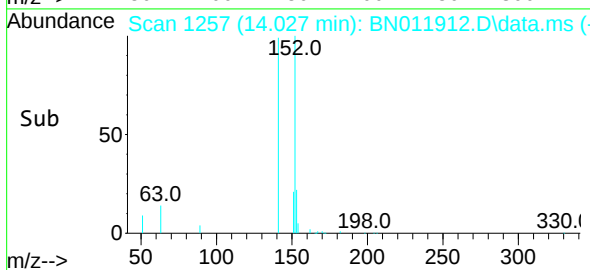
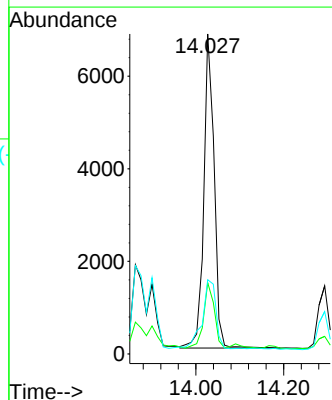
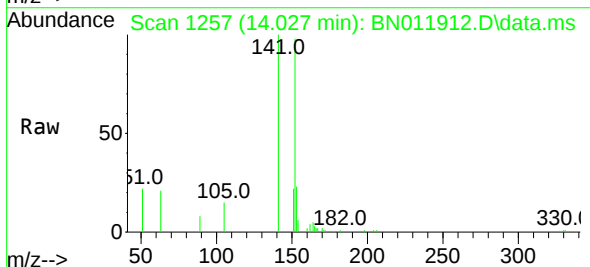
Instrument :  
BNA\_N  
ClientSampleId :  
FC-MW03SR1-20200910MSD

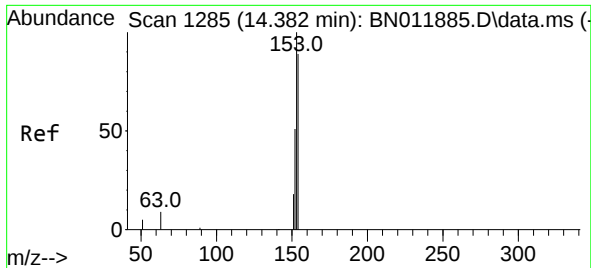
|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 172   | Resp: | 7008 |
| Ion Ratio | Lower | Upper |      |
| 172       | 100   |       |      |
| 171       | 35.3  | 27.4  | 41.2 |
| 170       | 23.9  | 17.8  | 26.6 |



#16  
Acenaphthylene  
Concen: 0.19 ng  
RT: 14.027 min Scan# 1257  
Delta R.T. -0.013 min  
Lab File: BN011912.D  
Acq: 24 Sep 2020 14:08

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 152   | Resp: | 11125 |
| Ion Ratio | Lower | Upper |       |
| 152       | 100   |       |       |
| 151       | 21.9  | 15.9  | 23.9  |
| 153       | 28.9  | 10.5  | 15.7# |

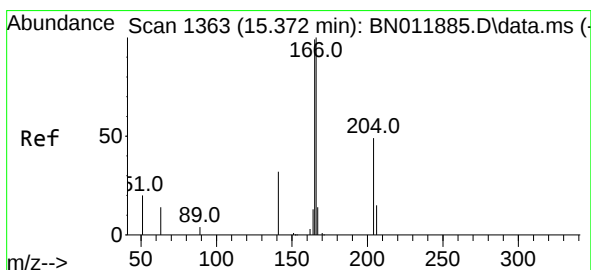
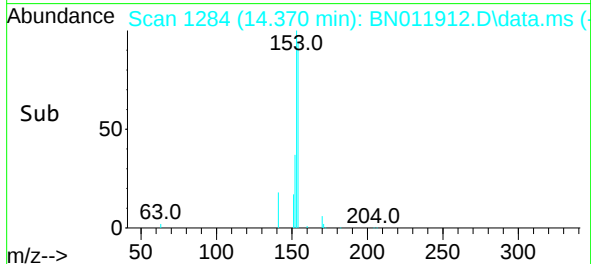
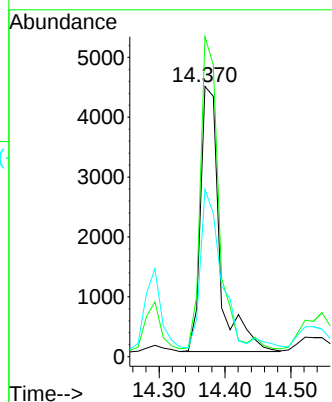
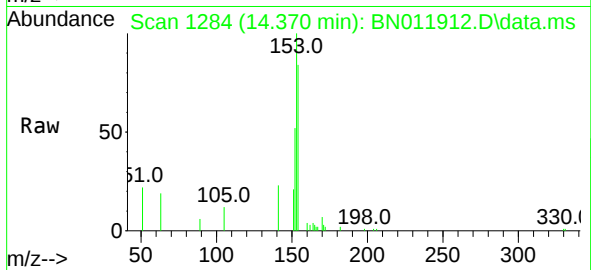




#17  
Acenaphthene  
Concen: 0.22 ng  
RT: 14.370 min Scan# 1284  
Delta R.T. -0.013 min  
Lab File: BN011912.D  
Acq: 24 Sep 2020 14:08

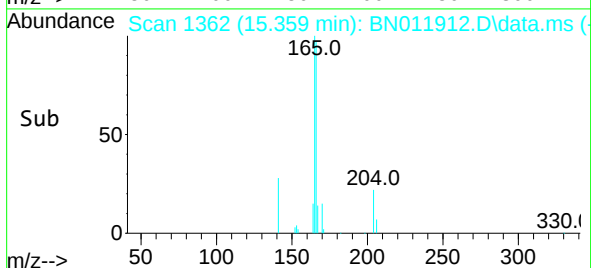
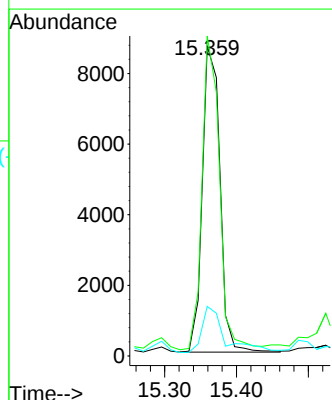
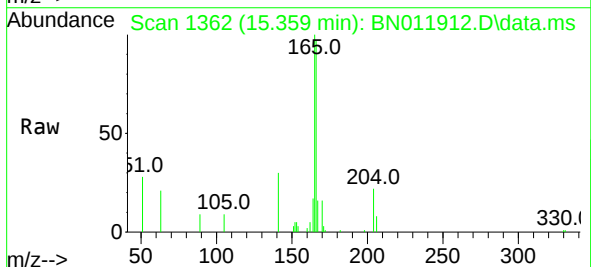
Instrument :  
BNA\_N  
ClientSampleId :  
FC-MW03SR1-20200910MSD

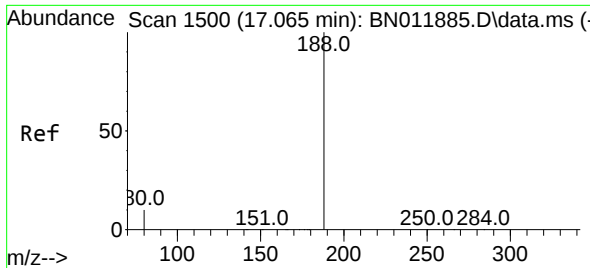
Tgt Ion:154 Resp: 8999  
Ion Ratio Lower Upper  
154 100  
153 112.0 83.4 125.2  
152 62.9 42.8 64.2



#18  
Fluorene  
Concen: 0.30 ng  
RT: 15.359 min Scan# 1362  
Delta R.T. -0.012 min  
Lab File: BN011912.D  
Acq: 24 Sep 2020 14:08

Tgt Ion:166 Resp: 14773  
Ion Ratio Lower Upper  
166 100  
165 100.4 78.8 118.2  
167 19.7 11.2 16.8#

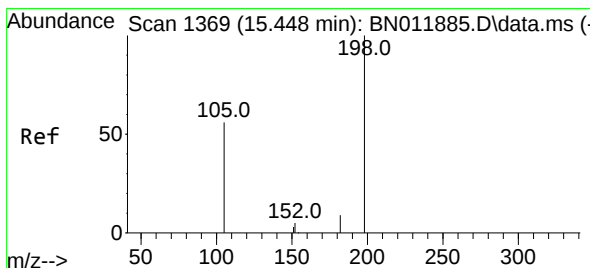
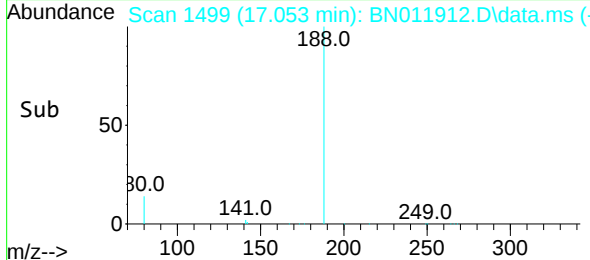
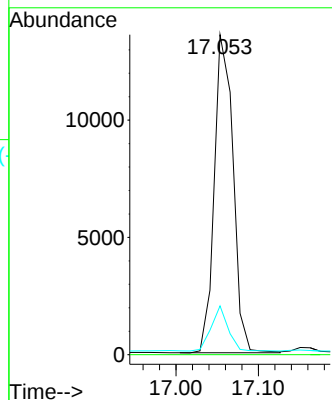
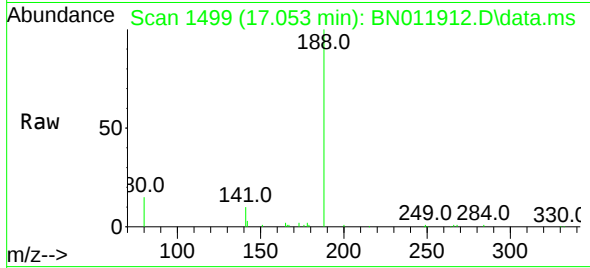




#19  
Phenanthrene-d10  
Concen: 0.40 ng  
RT: 17.053 min Scan# 1499  
Delta R.T. -0.012 min  
Lab File: BN011912.D  
Acq: 24 Sep 2020 14:08

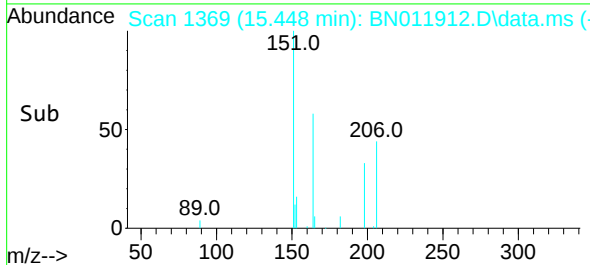
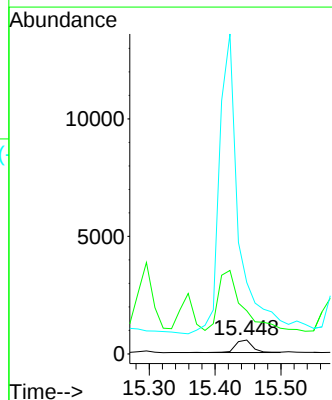
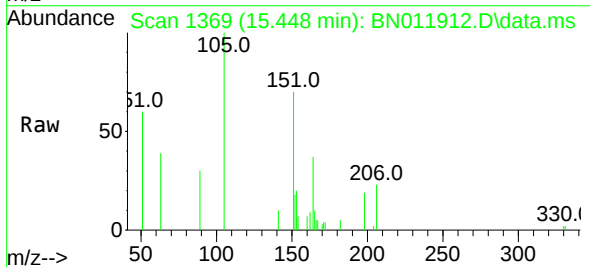
Instrument :  
BNA\_N  
ClientSampleId :  
FC-MW03SR1-20200910MSD

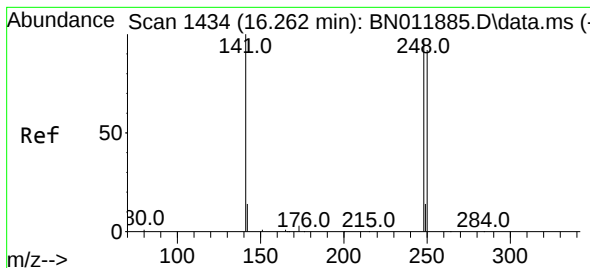
Tgt Ion:188 Resp: 21460  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 15.3 7.7 11.5#



#20  
4,6-Dinitro-2-methylphenol  
Concen: 0.24 ng  
RT: 15.448 min Scan# 1369  
Delta R.T. 0.000 min  
Lab File: BN011912.D  
Acq: 24 Sep 2020 14:08

Tgt Ion:198 Resp: 965  
Ion Ratio Lower Upper  
198 100  
51 311.0 45.0 67.4#  
105 514.6 30.4 45.6#

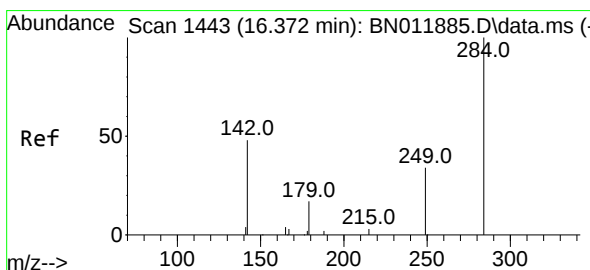
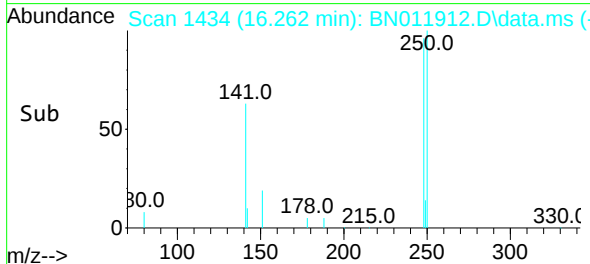
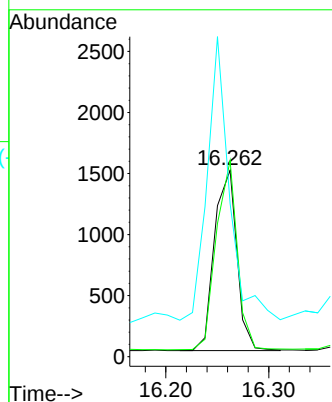
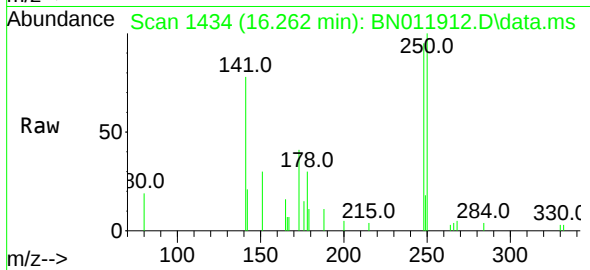




#21  
4-Bromophenyl-phenylether  
Concen: 0.20 ng  
RT: 16.262 min Scan# 1434  
Delta R.T. 0.000 min  
Lab File: BN011912.D  
Acq: 24 Sep 2020 14:08

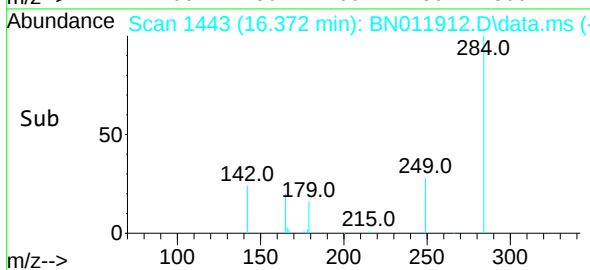
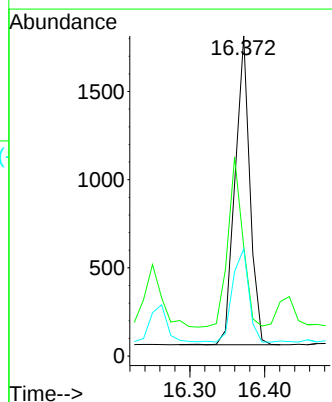
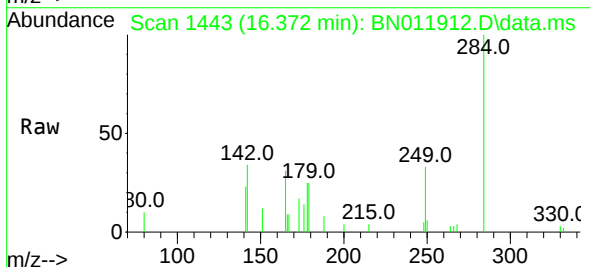
Instrument :  
BNA\_N  
ClientSampleId :  
FC-MW03SR1-20200910MSD

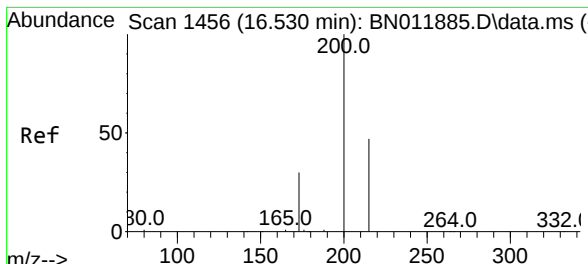
Tgt Ion:248 Resp: 2235  
Ion Ratio Lower Upper  
248 100  
250 105.2 82.7 124.1  
141 82.1 33.7 50.5#



#22  
Hexachlorobenzene  
Concen: 0.18 ng  
RT: 16.372 min Scan# 1443  
Delta R.T. 0.000 min  
Lab File: BN011912.D  
Acq: 24 Sep 2020 14:08

Tgt Ion:284 Resp: 2408  
Ion Ratio Lower Upper  
284 100  
142 55.7 32.4 48.6#  
249 33.1 26.8 40.2

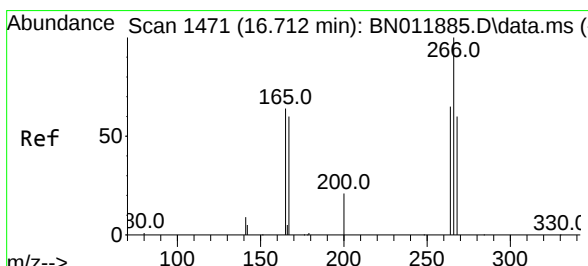
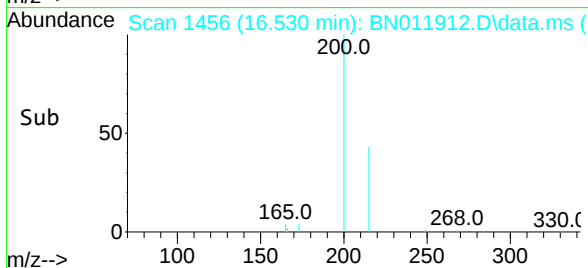
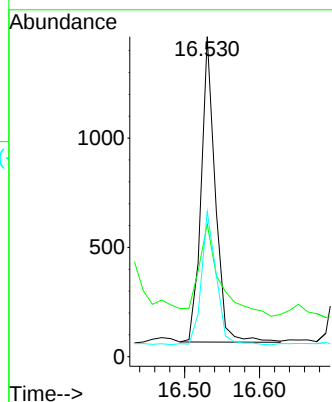
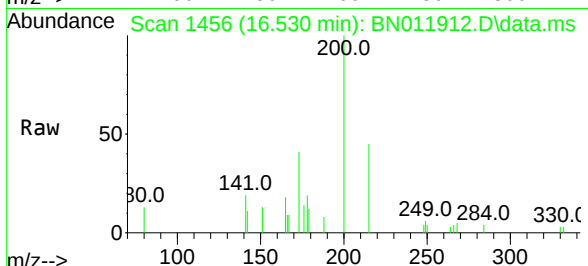




#23  
 Atrazine  
 Concen: 0.17 ng  
 RT: 16.530 min Scan# 1456  
 Delta R.T. 0.000 min  
 Lab File: BN011912.D  
 Acq: 24 Sep 2020 14:08

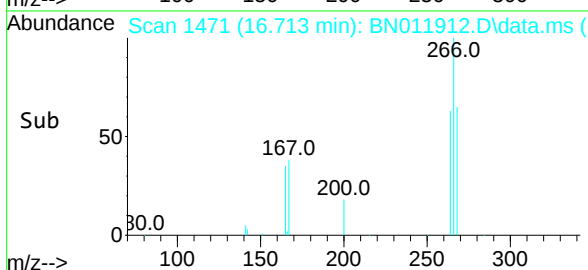
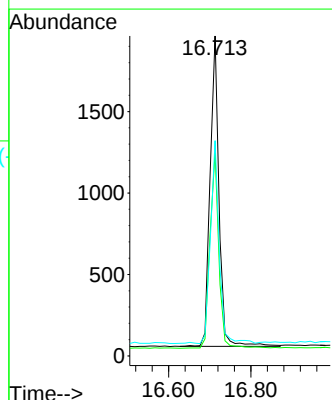
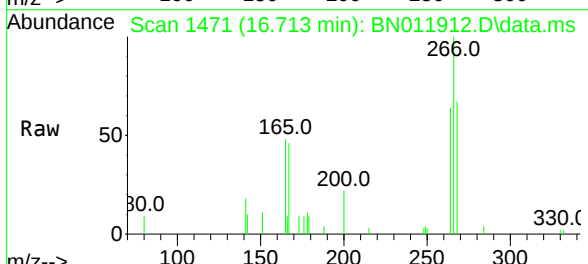
Instrument :  
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 ClientSampleId :  
 FC-MW03SR1-20200910MSD

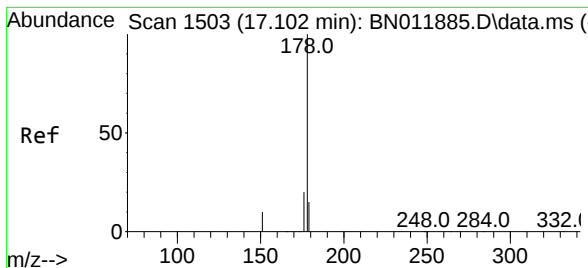
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 200   | Resp: | 1839  |
| Ion Ratio | Lower | Upper |       |
| 200       | 100   |       |       |
| 173       | 41.5  | 18.7  | 28.1# |
| 215       | 45.4  | 40.2  | 60.4  |



#24  
 Pentachlorophenol  
 Concen: 0.44 ng  
 RT: 16.713 min Scan# 1471  
 Delta R.T. 0.000 min  
 Lab File: BN011912.D  
 Acq: 24 Sep 2020 14:08

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 266   | Resp: | 2862 |
| Ion Ratio | Lower | Upper |      |
| 266       | 100   |       |      |
| 264       | 63.1  | 51.2  | 76.8 |
| 268       | 64.0  | 52.4  | 78.6 |

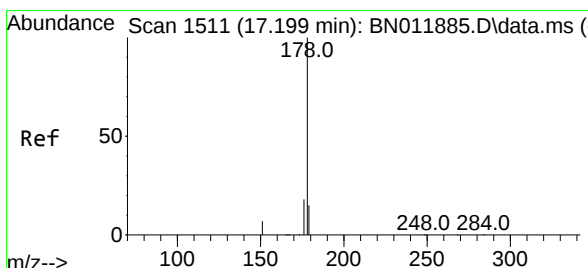
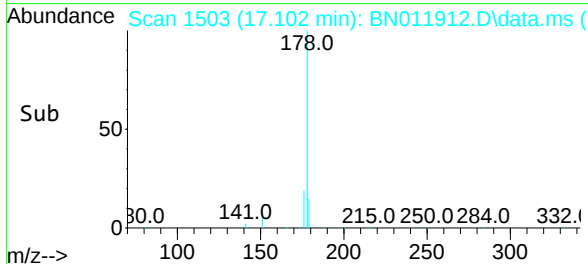
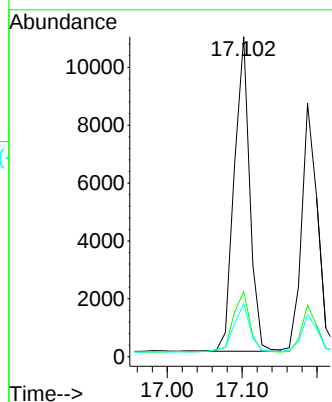
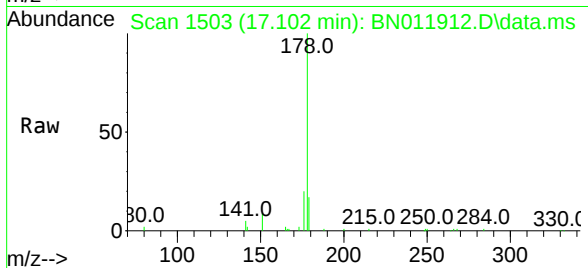




#25  
Phenanthrene  
Concen: 0.24 ng  
RT: 17.102 min Scan# 1503  
Delta R.T. 0.000 min  
Lab File: BN011912.D  
Acq: 24 Sep 2020 14:08

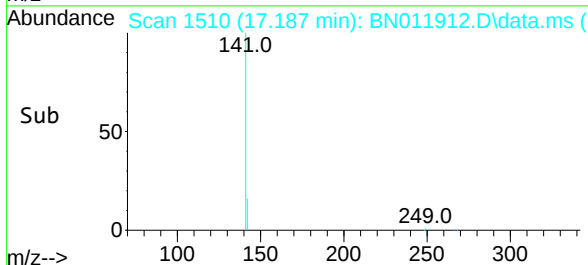
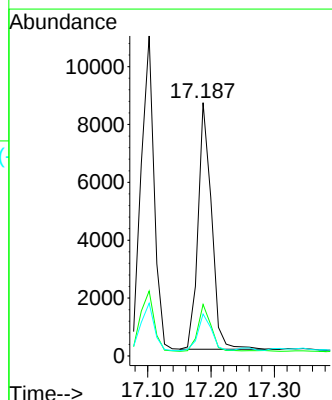
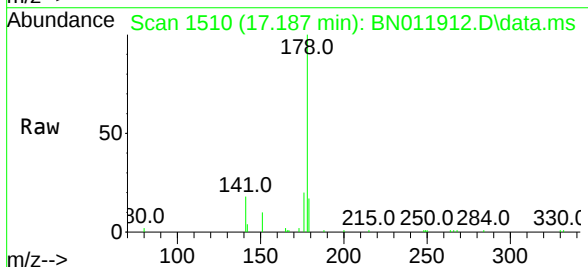
Instrument :  
BNA\_N  
ClientSampleId :  
FC-MW03SR1-20200910MSD

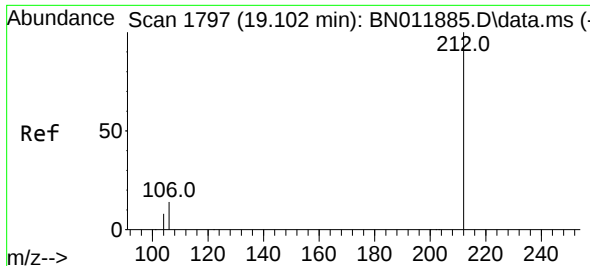
Tgt Ion:178 Resp: 15617  
Ion Ratio Lower Upper  
178 100  
176 20.5 15.1 22.7  
179 16.8 12.3 18.5



#26  
Anthracene  
Concen: 0.22 ng  
RT: 17.187 min Scan# 1510  
Delta R.T. -0.012 min  
Lab File: BN011912.D  
Acq: 24 Sep 2020 14:08

Tgt Ion:178 Resp: 12582  
Ion Ratio Lower Upper  
178 100  
176 18.7 14.6 21.8  
179 15.1 12.4 18.6

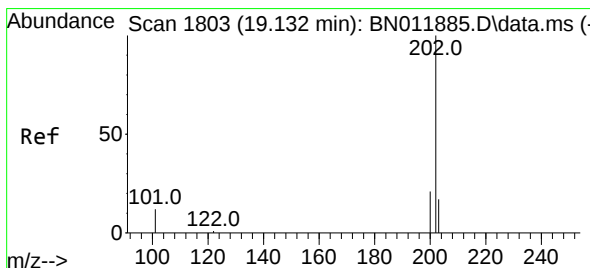
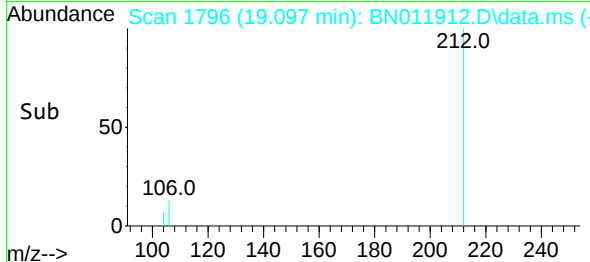
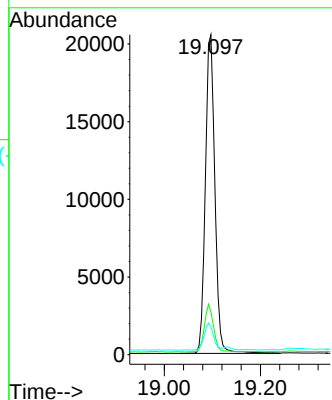
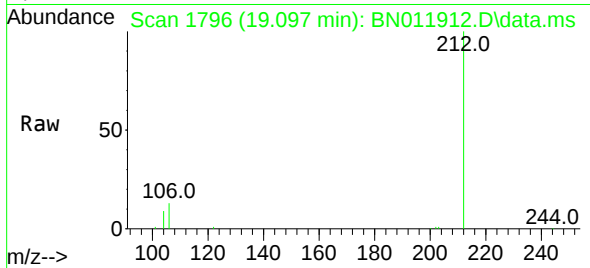




#27  
Fluoranthene-d10  
Concen: 0.45 ng  
RT: 19.097 min Scan# 1796  
Delta R.T. -0.005 min  
Lab File: BN011912.D  
Acq: 24 Sep 2020 14:08

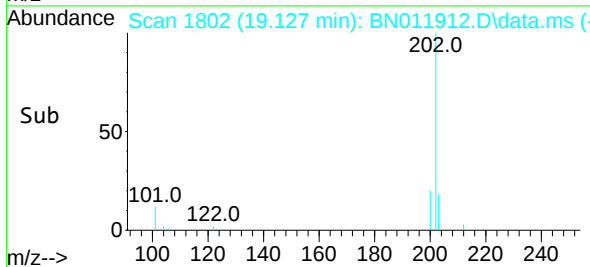
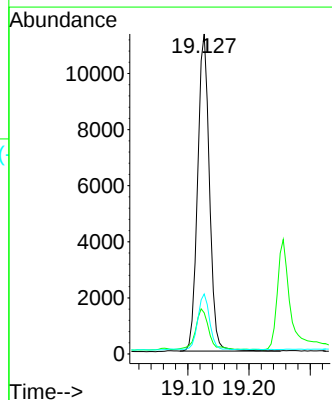
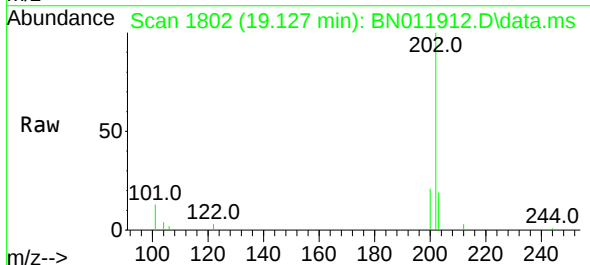
Instrument :  
BNA\_N  
ClientSampleId :  
FC-MW03SR1-20200910MSD

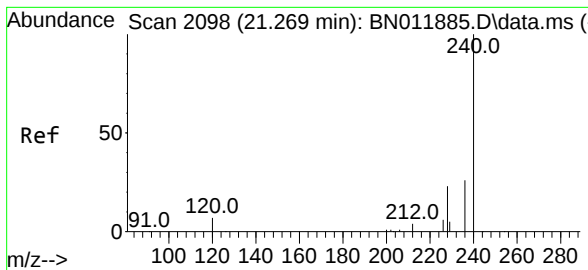
Tgt Ion:212 Resp: 28176  
Ion Ratio Lower Upper  
212 100  
106 14.4 6.4 9.6#  
104 8.3 3.9 5.9#



#28  
Fluoranthene  
Concen: 0.21 ng  
RT: 19.127 min Scan# 1802  
Delta R.T. -0.005 min  
Lab File: BN011912.D  
Acq: 24 Sep 2020 14:08

Tgt Ion:202 Resp: 15115  
Ion Ratio Lower Upper  
202 100  
101 14.0 5.4 8.2#  
203 17.4 13.8 20.6





#29

Chrysene-d12

Concen: 0.40 ng

RT: 21.259 min Scan# 2097

Delta R.T. -0.010 min

Lab File: BN011912.D

Acq: 24 Sep 2020 14:08

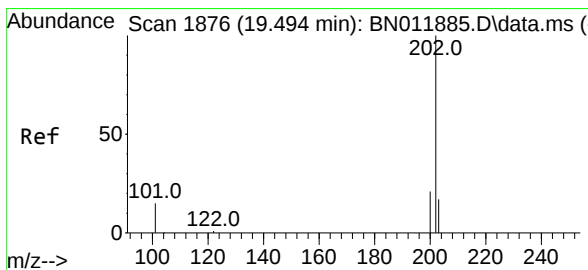
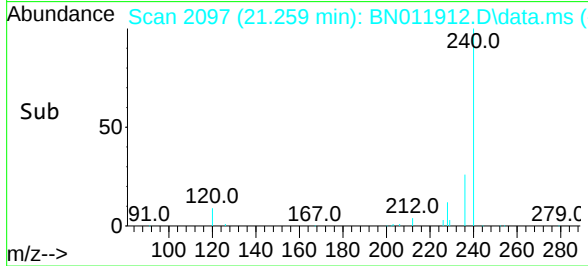
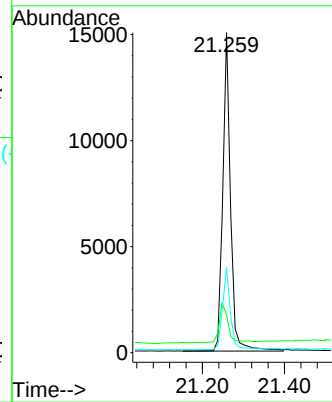
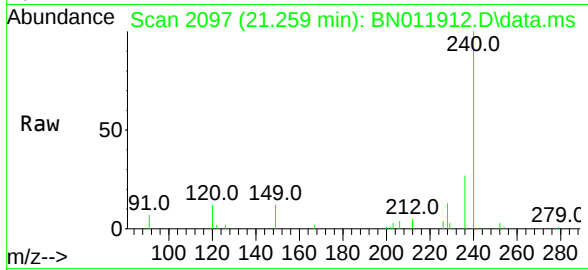
Tgt Ion:240 Resp: 19629

Ion Ratio Lower Upper

240 100

120 11.9 3.5 5.3#

236 26.8 20.5 30.7



#30

Pyrene

Concen: 0.22 ng

RT: 19.489 min Scan# 1875

Delta R.T. -0.005 min

Lab File: BN011912.D

Acq: 24 Sep 2020 14:08

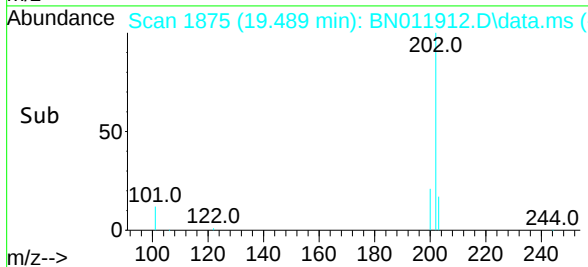
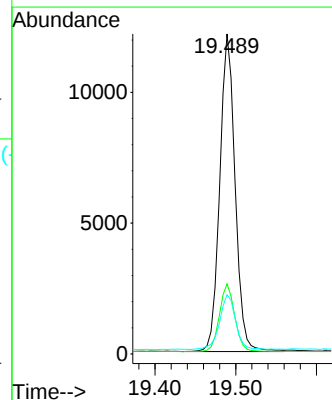
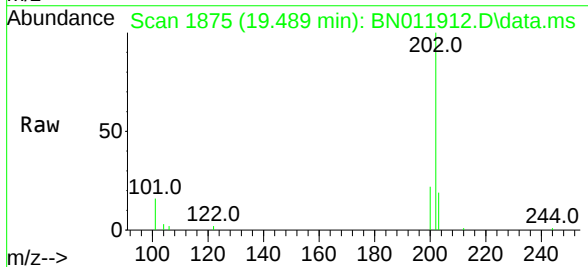
Tgt Ion:202 Resp: 16078

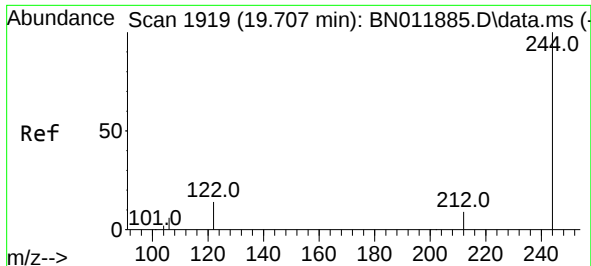
Ion Ratio Lower Upper

202 100

200 21.5 16.5 24.7

203 17.9 13.9 20.9

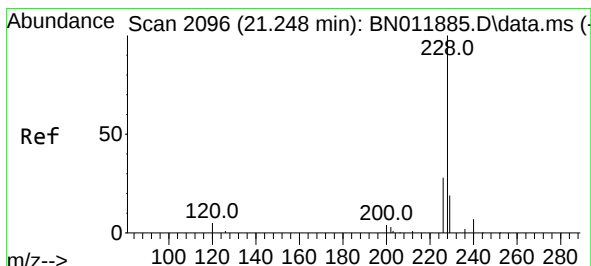
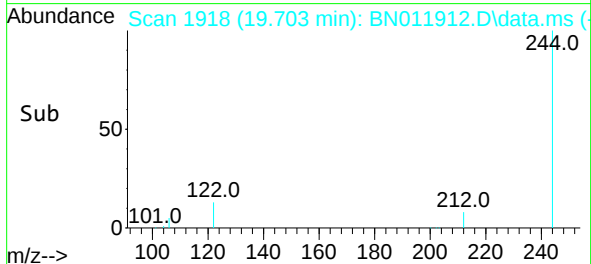
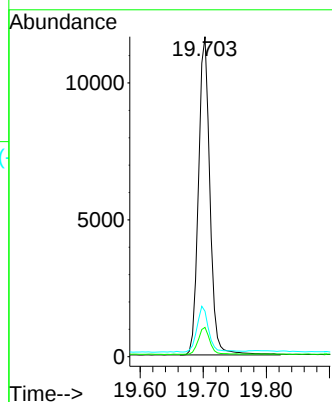
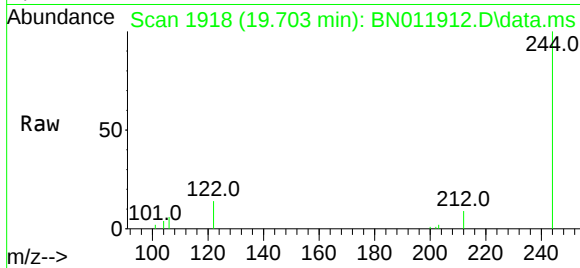




#31  
Terphenyl-d14  
Concen: 0.33 ng  
RT: 19.703 min Scan# 1918  
Delta R.T. -0.005 min  
Lab File: BN011912.D  
Acq: 24 Sep 2020 14:08

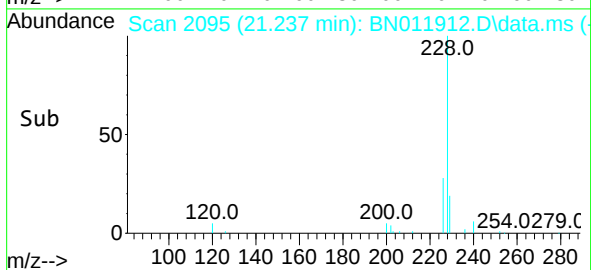
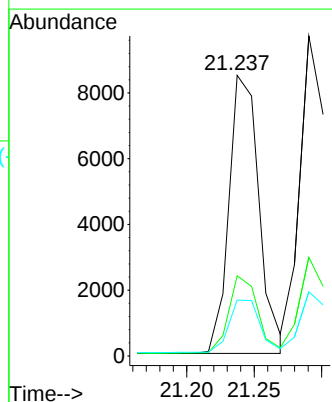
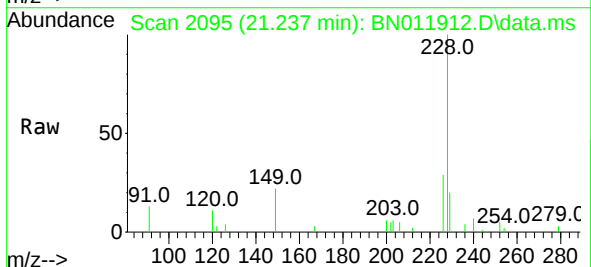
Instrument :  
BNA\_N  
ClientSampleId :  
FC-MW03SR1-20200910MSD

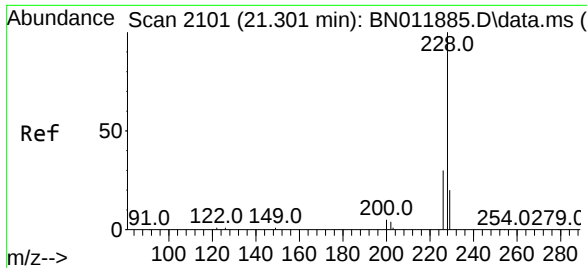
Tgt Ion:244 Resp: 14717  
Ion Ratio Lower Upper  
244 100  
212 9.1 7.3 10.9  
122 14.2 7.8 11.6#



#32  
Benzo(a)anthracene  
Concen: 0.21 ng  
RT: 21.237 min Scan# 2095  
Delta R.T. -0.010 min  
Lab File: BN011912.D  
Acq: 24 Sep 2020 14:08

Tgt Ion:228 Resp: 13121  
Ion Ratio Lower Upper  
228 100  
226 28.5 21.0 31.4  
229 19.9 16.0 24.0

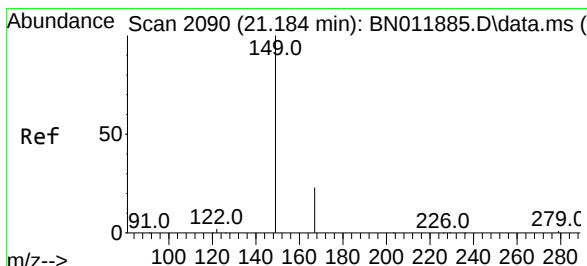
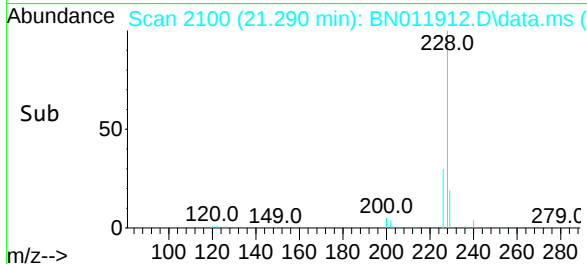
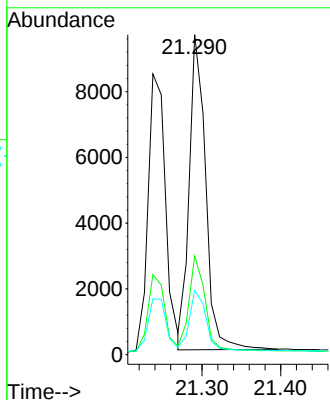
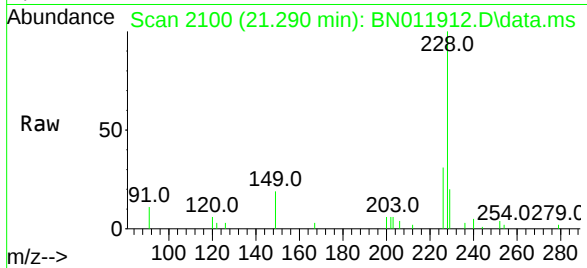




#33  
Chrysene  
Concen: 0.20 ng  
RT: 21.290 min Scan# 2100  
Delta R.T. -0.010 min  
Lab File: BN011912.D  
Acq: 24 Sep 2020 14:08

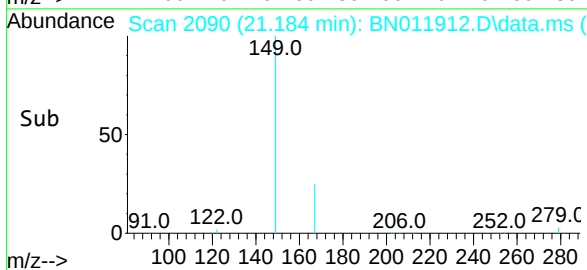
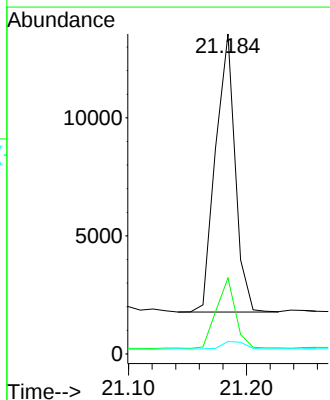
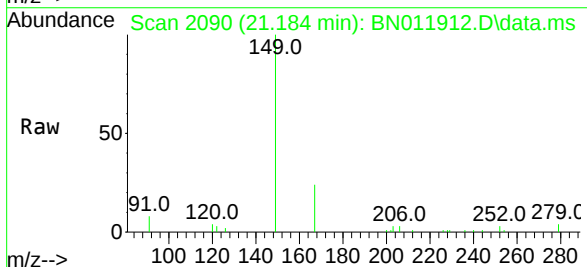
Instrument :  
BNA\_N  
ClientSampleId :  
FC-MW03SR1-20200910MSD

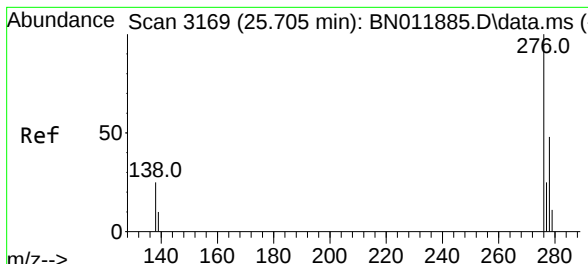
|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:228 | Resp: | 13911     |
| Ion Ratio   | Lower | Upper     |
| 228         | 100   |           |
| 226         | 30.9  | 23.3 34.9 |
| 229         | 20.0  | 15.8 23.8 |



#34  
Bis(2-ethylhexyl)phthalate  
Concen: 0.31 ng  
RT: 21.184 min Scan# 2090  
Delta R.T. 0.000 min  
Lab File: BN011912.D  
Acq: 24 Sep 2020 14:08

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:149 | Resp: | 13622     |
| Ion Ratio   | Lower | Upper     |
| 149         | 100   |           |
| 167         | 24.6  | 23.6 35.4 |
| 279         | 3.2   | 4.0 6.0#  |

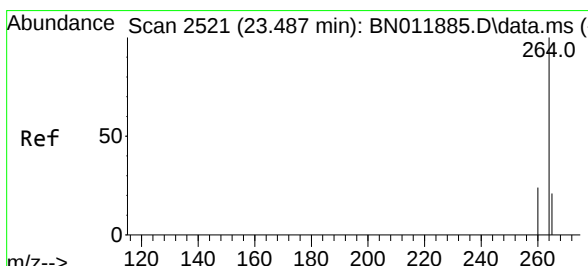
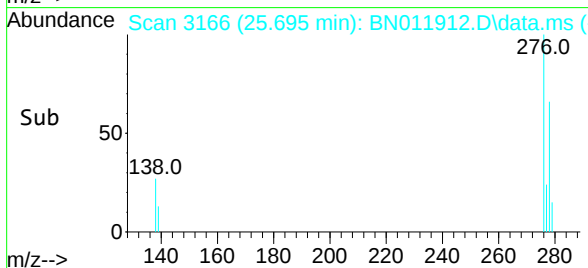
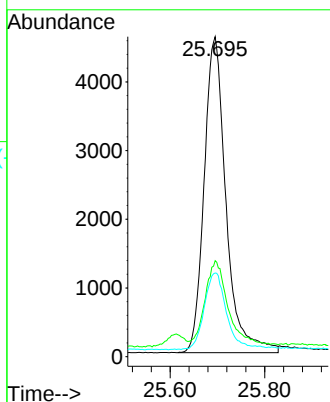
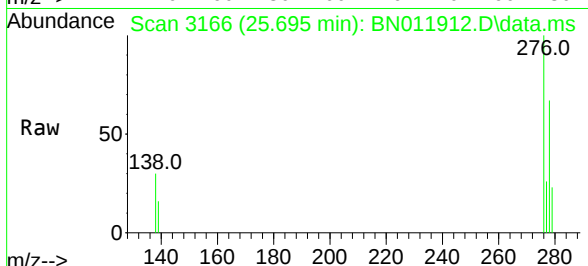




#35  
 Indeno(1,2,3-cd)pyrene  
 Concen: 0.19 ng  
 RT: 25.695 min Scan# 3166  
 Delta R.T. -0.010 min  
 Lab File: BN011912.D  
 Acq: 24 Sep 2020 14:08

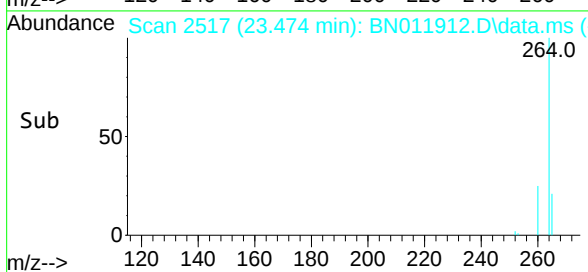
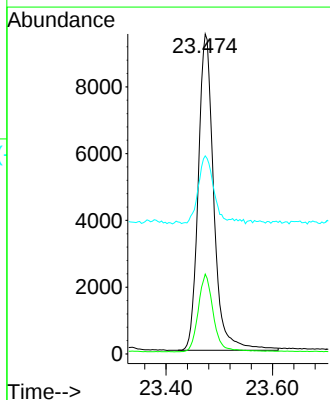
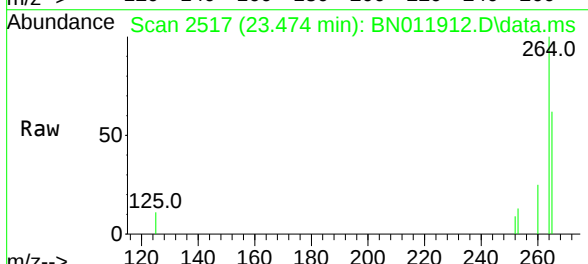
Instrument :  
 BNA\_N  
 ClientSampleId :  
 FC-MW03SR1-20200910MSD

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 276   | Resp: | 14767 |
| Ion Ratio | Lower | Upper |       |
| 276       | 100   |       |       |
| 138       | 27.8  | 13.0  | 19.4# |
| 277       | 24.2  | 20.0  | 30.0  |



#36  
 Perylene-d12  
 Concen: 0.40 ng  
 RT: 23.474 min Scan# 2517  
 Delta R.T. -0.014 min  
 Lab File: BN011912.D  
 Acq: 24 Sep 2020 14:08

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 264   | Resp: | 19190 |
| Ion Ratio | Lower | Upper |       |
| 264       | 100   |       |       |
| 260       | 24.9  | 19.6  | 29.4  |
| 265       | 61.9  | 38.6  | 58.0# |

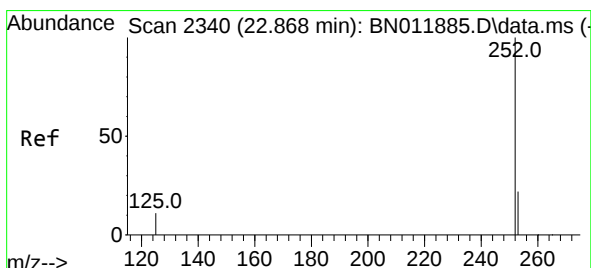
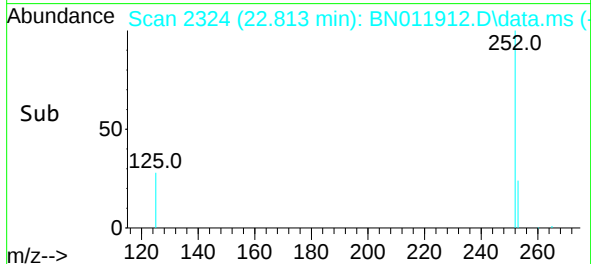
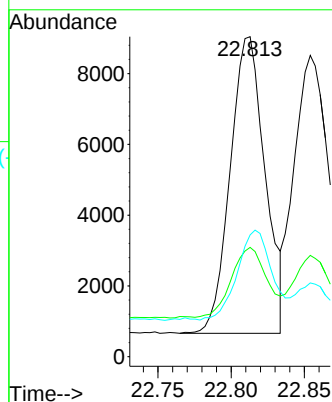
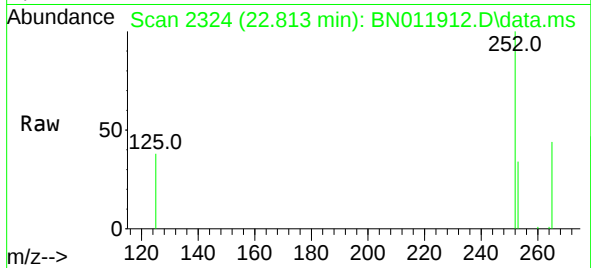




#37  
Benzo(b)fluoranthene  
Concen: 0.21 ng  
RT: 22.813 min Scan# 2324  
Delta R.T. -0.010 min  
Lab File: BN011912.D  
Acq: 24 Sep 2020 14:08

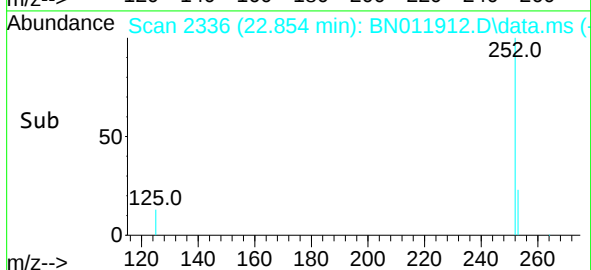
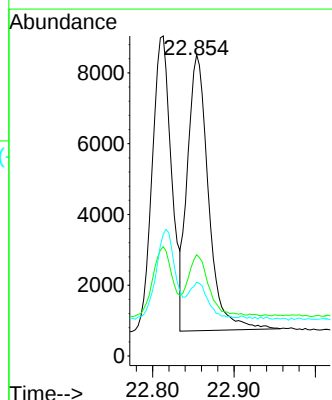
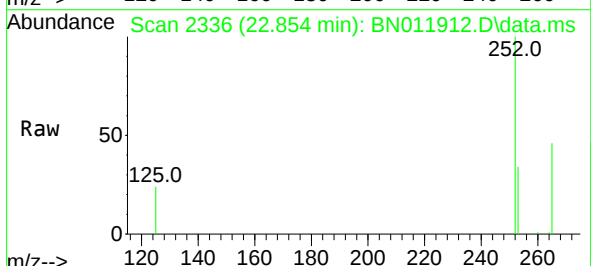
Instrument :  
BNA\_N  
ClientSampleId :  
FC-MW03SR1-20200910MSD

Tgt Ion:252 Resp: 13904  
Ion Ratio Lower Upper  
252 100  
253 34.2 19.1 28.7#  
125 38.0 6.2 9.2#



#38  
Benzo(k)fluoranthene  
Concen: 0.20 ng  
RT: 22.854 min Scan# 2336  
Delta R.T. -0.014 min  
Lab File: BN011912.D  
Acq: 24 Sep 2020 14:08

Tgt Ion:252 Resp: 14009  
Ion Ratio Lower Upper  
252 100  
253 33.6 19.3 28.9#  
125 24.5 6.0 9.0#

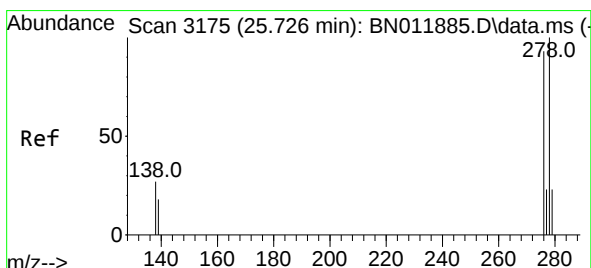
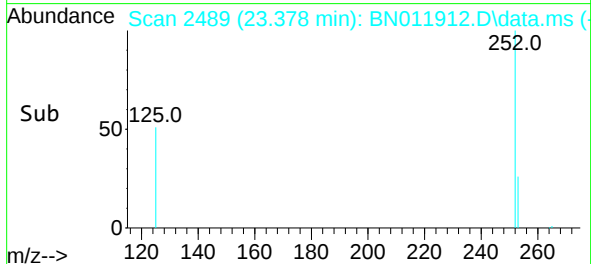
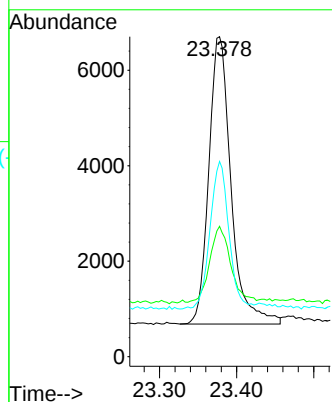
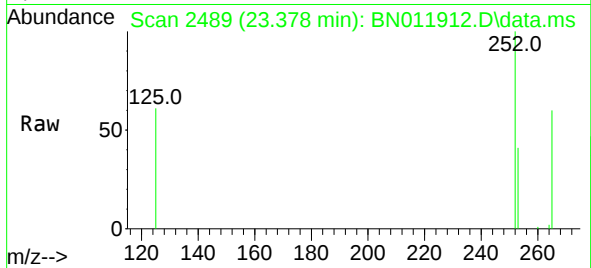




#39  
Benzo(a)pyrene  
Concen: 0.20 ng  
RT: 23.378 min Scan# 2489  
Delta R.T. -0.014 min  
Lab File: BN011912.D  
Acq: 24 Sep 2020 14:08

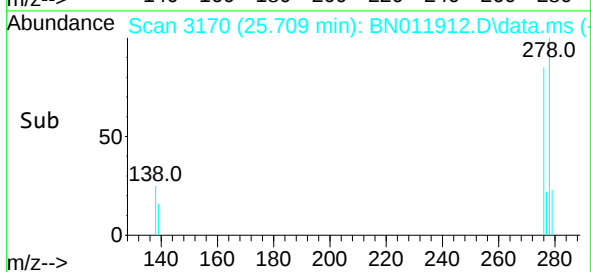
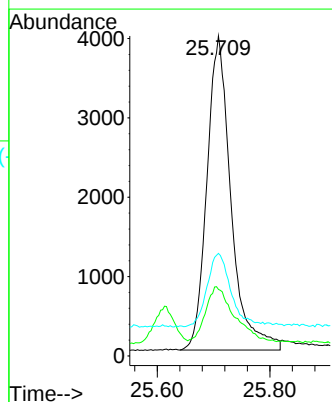
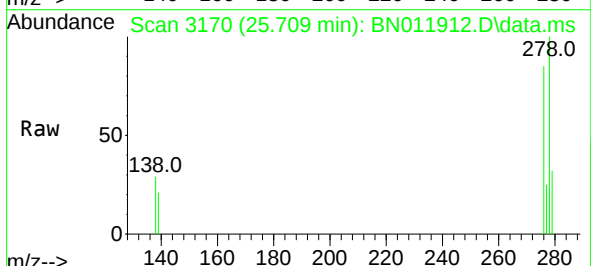
Instrument :  
BNA\_N  
ClientSampleId :  
FC-MW03SR1-20200910MSD

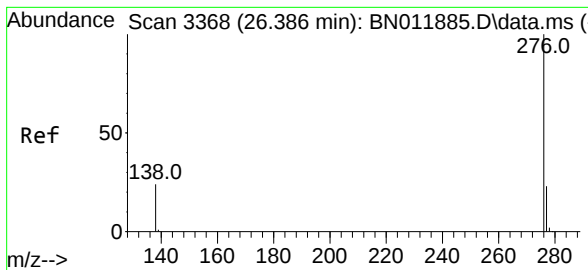
Tgt Ion:252 Resp: 12091  
Ion Ratio Lower Upper  
252 100  
253 40.7 19.8 29.6#  
125 61.0 7.3 10.9#



#40  
Dibenzo(a,h)anthracene  
Concen: 0.19 ng  
RT: 25.709 min Scan# 3170  
Delta R.T. -0.017 min  
Lab File: BN011912.D  
Acq: 24 Sep 2020 14:08

Tgt Ion:278 Resp: 11773  
Ion Ratio Lower Upper  
278 100  
139 20.8 8.6 13.0#  
279 32.0 19.8 29.8#





#41

Benzo(g,h,i)perylene

Concen: 0.19 ng

RT: 26.369 min Scan# 3363

Delta R.T. -0.017 min

Lab File: BN011912.D

Acq: 24 Sep 2020 14:08

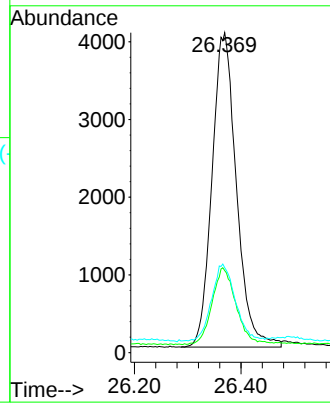
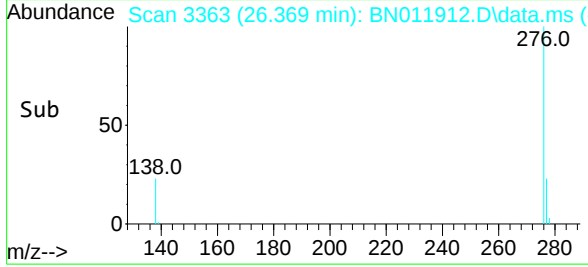
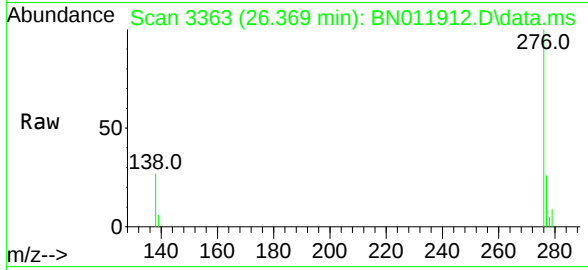
Tgt Ion: 276 Resp: 12878

Ion Ratio Lower Upper

276 100

277 25.6 19.4 29.0

138 26.5 11.3 16.9#



Instrument :

BNA\_N

ClientSampleId :

FC-MW03SR1-20200910MSD