

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN092120\  
 Data File : BN011844.D  
 Acq On : 21 Sep 2020 14:09  
 Operator : CG/JU  
 Sample : L3988-23MSD  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

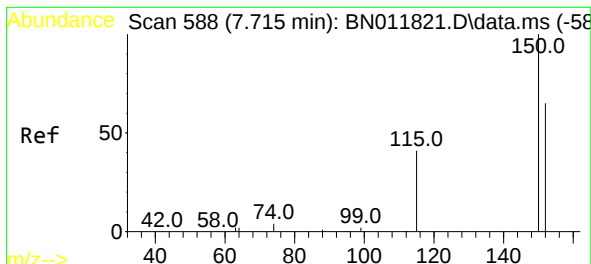
Instrument :  
 BNA\_N  
 ClientSampleId :  
 FC-MW03SR1-20200910MSD

Quant Time: Sep 21 14:40:11 2020  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN091720.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Sep 21 12:19:13 2020  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc | Units | Dev(Min) |
|-------------------------------|--------|------|----------|------|-------|----------|
| -----                         |        |      |          |      |       |          |
| Internal Standards            |        |      |          |      |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.707  | 152  | 2066     | 0.40 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.491 | 136  | 8269     | 0.40 | ng    | # 0.00   |
| 13) Acenaphthene-d10          | 14.357 | 164  | 6970     | 0.40 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.102 | 188  | 13017    | 0.40 | ng    | # 0.00   |
| 29) Chrysene-d12              | 21.301 | 240  | 13601    | 0.40 | ng    | # 0.00   |
| 36) Perylene-d12              | 23.552 | 264  | 13787    | 0.40 | ng    | # 0.00   |
| System Monitoring Compounds   |        |      |          |      |       |          |
| 4) 2-Fluorophenol             | 5.307  | 112  | 686      | 0.11 | ng    | 0.00     |
| 5) Phenol-d6                  | 6.878  | 99   | 467      | 0.06 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 8.856  | 82   | 1957     | 0.23 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 12.087 | 152  | 3849     | 0.26 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.841 | 330  | 1107     | 0.31 | ng    | -0.01    |
| 15) 2-Fluorobiphenyl          | 12.974 | 172  | 5308     | 0.18 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.137 | 212  | 11768    | 0.29 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.742 | 244  | 12557    | 0.40 | ng    | 0.00     |
| Target Compounds              |        |      |          |      |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.262  | 88   | 779      | 0.25 | ng    | # 67     |
| 3) n-Nitrosodimethylamine     | 3.568  | 42   | 1072     | 0.26 | ng    | # 98     |
| 6) bis(2-Chloroethyl)ether    | 7.135  | 93   | 1483     | 0.23 | ng    | 95       |
| 9) Naphthalene                | 10.542 | 128  | 223211   | 9.59 | ng    | 99       |
| 10) Hexachlorobutadiene       | 10.833 | 225  | 955      | 0.18 | ng    | # 99     |
| 12) 2-Methylnaphthalene       | 12.162 | 142  | 12845    | 0.80 | ng    | 99       |
| 16) Acenaphthylene            | 14.065 | 152  | 6476     | 0.19 | ng    | # 79     |
| 17) Acenaphthene              | 14.420 | 154  | 4966     | 0.21 | ng    | # 88     |
| 18) Fluorene                  | 15.410 | 166  | 9327     | 0.32 | ng    | 99       |
| 20) 4,6-Dinitro-2-methylph... | 15.486 | 198  | 605      | 0.27 | ng    | # 1      |
| 21) 4-Bromophenyl-phenylether | 16.299 | 248  | 1495     | 0.19 | ng    | # 68     |
| 22) Hexachlorobenzene         | 16.408 | 284  | 1666     | 0.17 | ng    | 98       |
| 23) Atrazine                  | 16.579 | 200  | 1119     | 0.16 | ng    | # 88     |
| 24) Pentachlorophenol         | 16.749 | 266  | 1901     | 0.49 | ng    | 99       |
| 25) Phenanthrene              | 17.139 | 178  | 9888     | 0.24 | ng    | 96       |
| 26) Anthracene                | 17.236 | 178  | 7942     | 0.22 | ng    | 100      |
| 28) Fluoranthene              | 19.167 | 202  | 10123    | 0.21 | ng    | # 97     |
| 30) Pyrene                    | 19.534 | 202  | 10642    | 0.22 | ng    | 99       |
| 32) Benzo(a)anthracene        | 21.291 | 228  | 9469     | 0.21 | ng    | 99       |
| 33) Chrysene                  | 21.344 | 228  | 9868     | 0.21 | ng    | 98       |
| 34) Bis(2-ethylhexyl)phtha... | 21.227 | 149  | 6714     | 0.28 | ng    | 97       |
| 35) Indeno(1,2,3-cd)pyrene    | 25.805 | 276  | 11734    | 0.20 | ng    | # 96     |
| 37) Benzo(b)fluoranthene      | 22.878 | 252  | 10505    | 0.20 | ng    | # 79     |
| 38) Benzo(k)fluoranthene      | 22.923 | 252  | 10582    | 0.20 | ng    | # 83     |
| 39) Benzo(a)pyrene            | 23.453 | 252  | 9155     | 0.20 | ng    | # 66     |
| 40) Dibenzo(a,h)anthracene    | 25.822 | 278  | 9521     | 0.19 | ng    | # 87     |
| 41) Benzo(g,h,i)perylene      | 26.489 | 276  | 10146    | 0.19 | ng    | # 93     |
| -----                         |        |      |          |      |       |          |

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

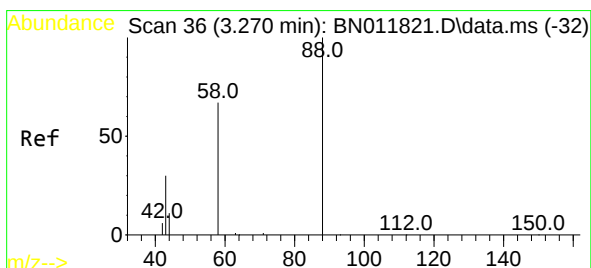
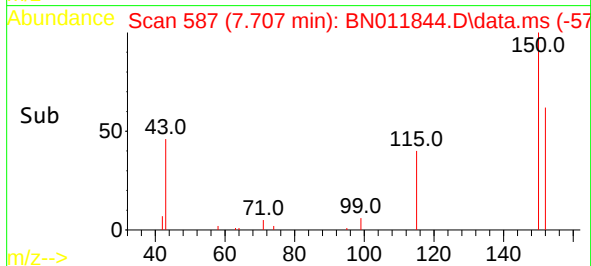
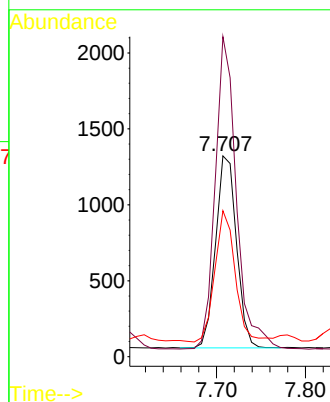
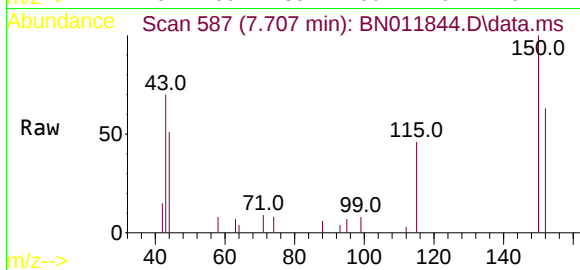




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.40 ng  
 RT: 7.707 min Scan# 587  
 Delta R.T. -0.008 min  
 Lab File: BN011844.D  
 Acq: 21 Sep 2020 14:09

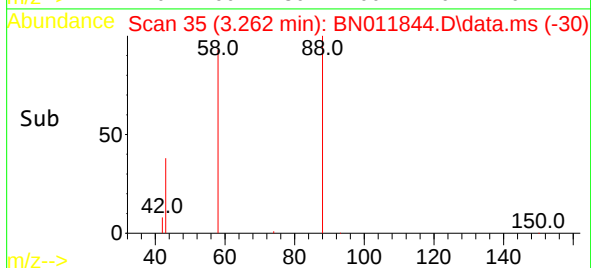
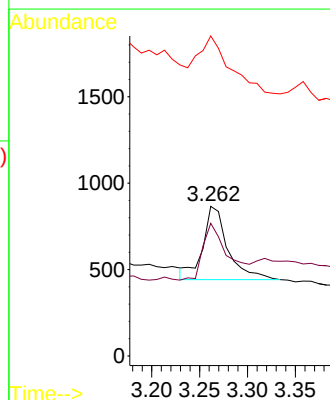
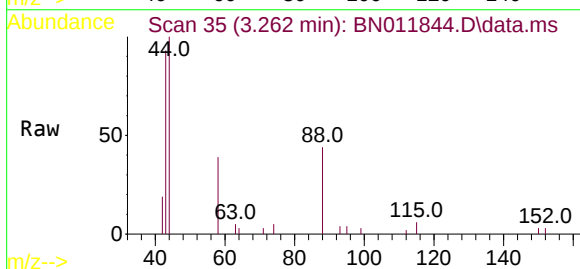
Instrument :  
 BNA\_N  
 ClientSampleId :  
 FC-MW03SR1-20200910MSD

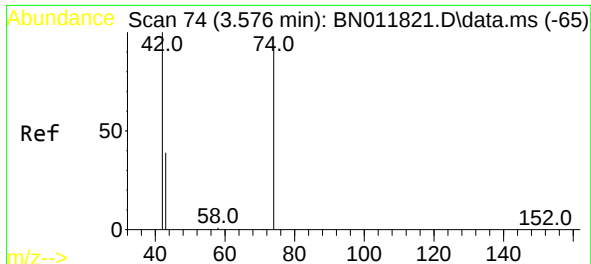
Tgt Ion:152 Resp: 2066  
 Ion Ratio Lower Upper  
 152 100  
 150 159.4 118.3 177.5  
 115 72.7 51.3 76.9



#2  
 1,4-Dioxane  
 Concen: 0.25 ng  
 RT: 3.262 min Scan# 35  
 Delta R.T. -0.008 min  
 Lab File: BN011844.D  
 Acq: 21 Sep 2020 14:09

Tgt Ion: 88 Resp: 779  
 Ion Ratio Lower Upper  
 88 100  
 58 77.5 63.3 94.9  
 43 99.6 33.0 49.4#

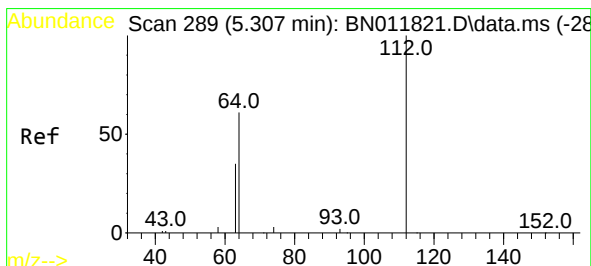
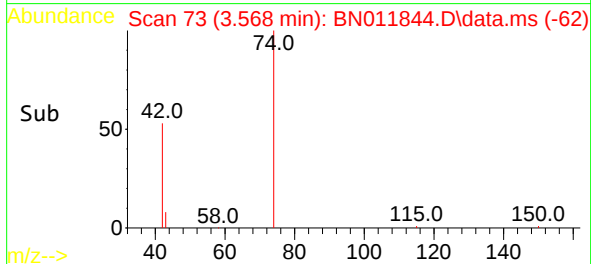
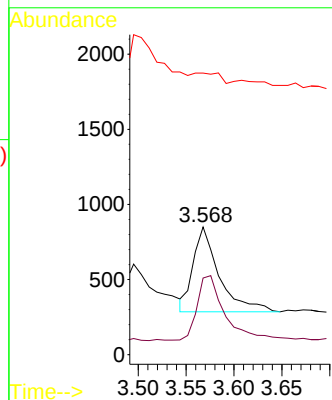
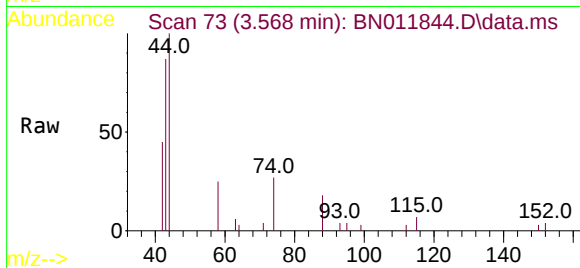




#3  
n-Nitrosodimethylamine  
Concen: 0.26 ng  
RT: 3.568 min Scan# 73  
Delta R.T. -0.008 min  
Lab File: BN011844.D  
Acq: 21 Sep 2020 14:09

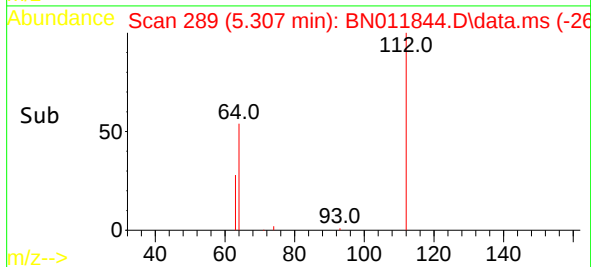
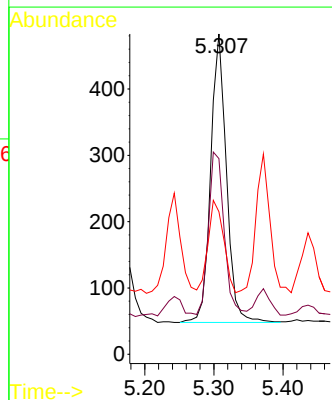
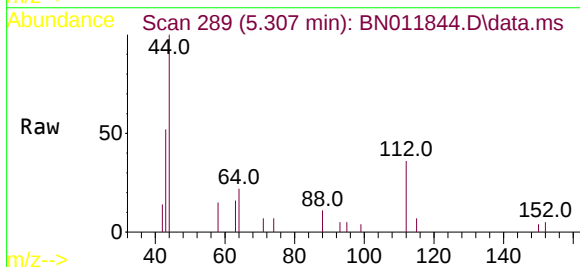
Instrument :  
BNA\_N  
ClientSampleId :  
FC-MW03SR1-20200910MSD

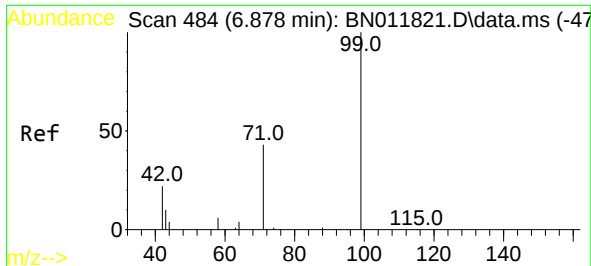
Tgt Ion: 42 Resp: 1072  
Ion Ratio Lower Upper  
42 100  
74 80.5 64.4 96.6  
44 0.0 6.7 10.1#



#4  
2-Fluorophenol  
Concen: 0.11 ng  
RT: 5.307 min Scan# 289  
Delta R.T. 0.000 min  
Lab File: BN011844.D  
Acq: 21 Sep 2020 14:09

Tgt Ion: 112 Resp: 686  
Ion Ratio Lower Upper  
112 100  
64 57.3 49.0 73.6  
63 32.7 31.8 47.6

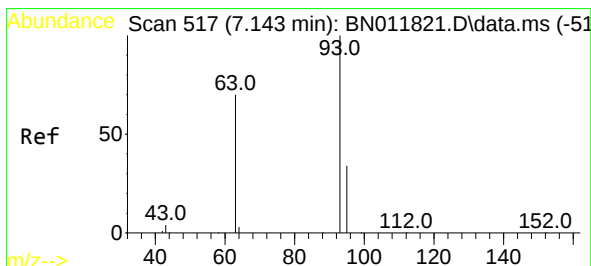
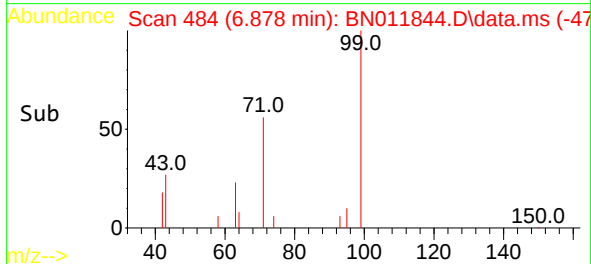
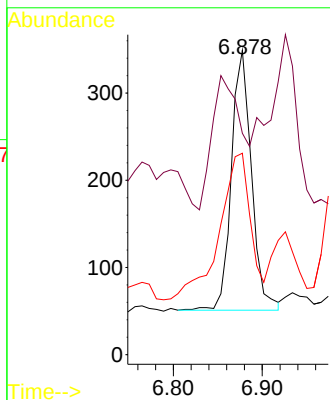
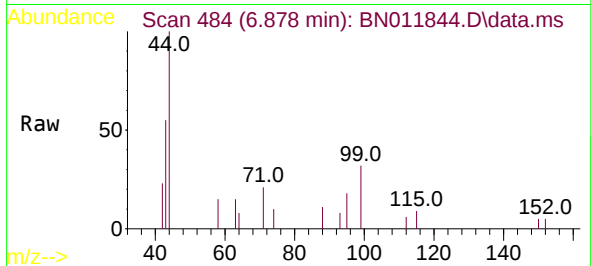




#5  
Phenol-d6  
Concen: 0.06 ng  
RT: 6.878 min Scan# 484  
Delta R.T. 0.000 min  
Lab File: BN011844.D  
Acq: 21 Sep 2020 14:09

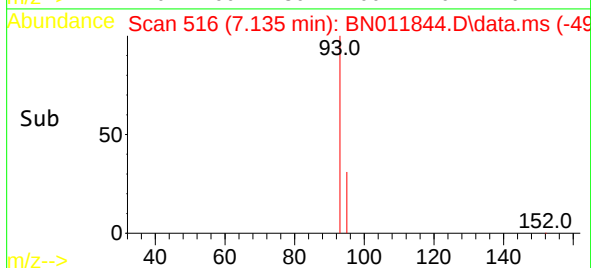
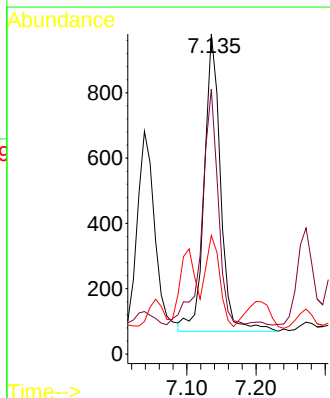
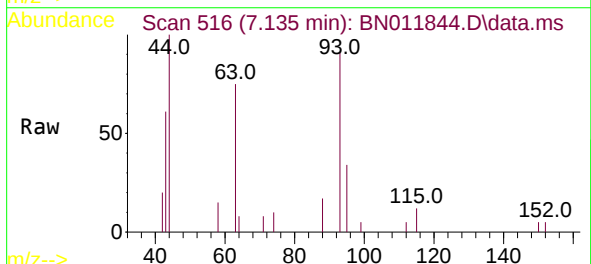
Instrument :  
BNA\_N  
ClientSampleId :  
FC-MW03SR1-20200910MSD

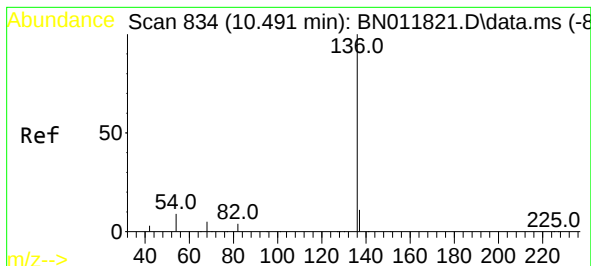
Tgt Ion: 99 Resp: 467  
Ion Ratio Lower Upper  
99 100  
42 0.0 23.4 35.0#  
71 87.6 38.1 57.1#



#6  
bis(2-Chloroethyl)ether  
Concen: 0.23 ng  
RT: 7.135 min Scan# 516  
Delta R.T. 0.000 min  
Lab File: BN011844.D  
Acq: 21 Sep 2020 14:09

Tgt Ion: 93 Resp: 1483  
Ion Ratio Lower Upper  
93 100  
63 78.9 61.1 91.7  
95 25.9 25.5 38.3

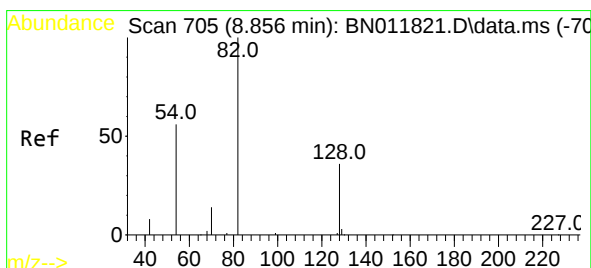
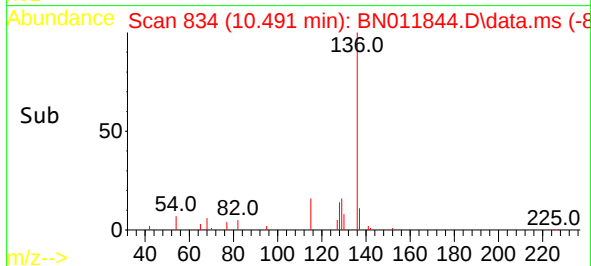
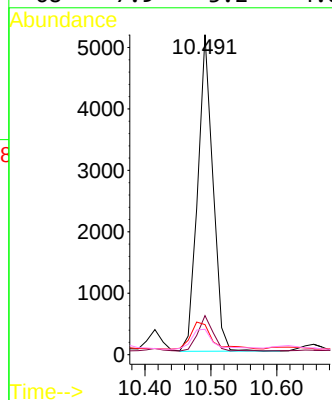
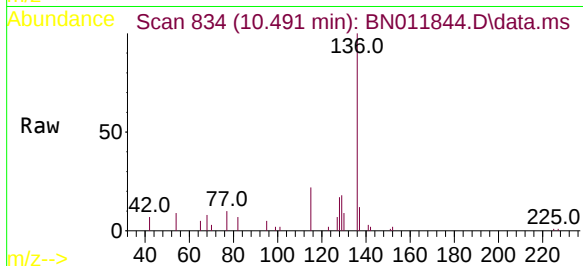




#7  
Naphthalene-d8  
Concen: 0.40 ng  
RT: 10.491 min Scan# 834  
Delta R.T. 0.000 min  
Lab File: BN011844.D  
Acq: 21 Sep 2020 14:09

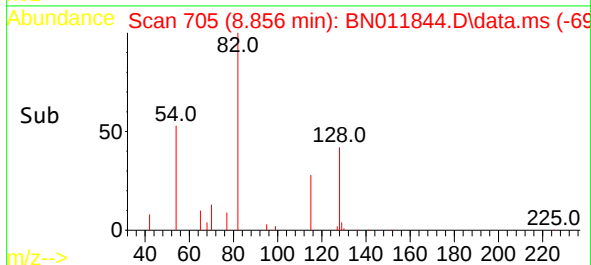
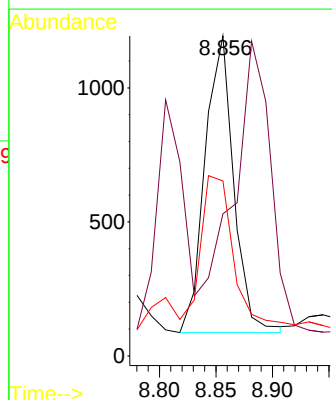
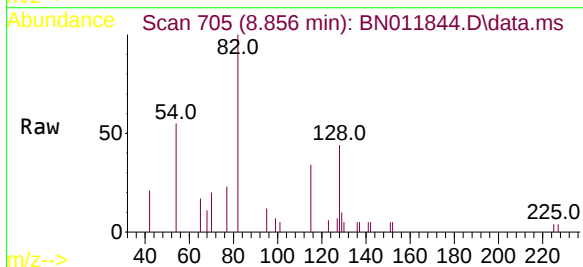
Instrument :  
BNA\_N  
ClientSampleId :  
FC-MW03SR1-20200910MSD

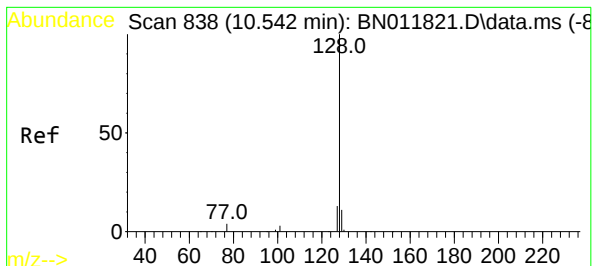
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 136   | Resp: | 8269  |
| Ion      | Ratio | Lower | Upper |
| 136      | 100   |       |       |
| 137      | 12.2  | 9.5   | 14.3  |
| 54       | 9.4   | 5.6   | 8.4#  |
| 68       | 7.9   | 3.2   | 4.8#  |



#8  
Nitrobenzene-d5  
Concen: 0.23 ng  
RT: 8.856 min Scan# 705  
Delta R.T. 0.000 min  
Lab File: BN011844.D  
Acq: 21 Sep 2020 14:09

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 82    | Resp: | 1957  |
| Ion      | Ratio | Lower | Upper |
| 82       | 100   |       |       |
| 128      | 44.4  | 34.2  | 51.2  |
| 54       | 54.7  | 43.1  | 64.7  |

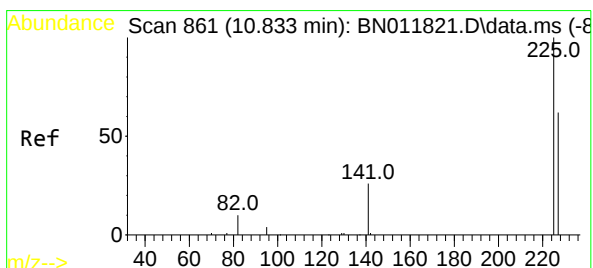
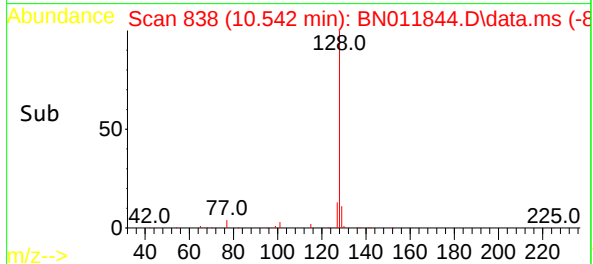
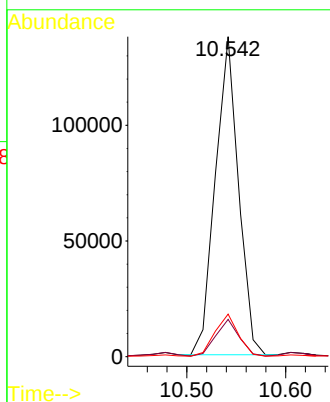
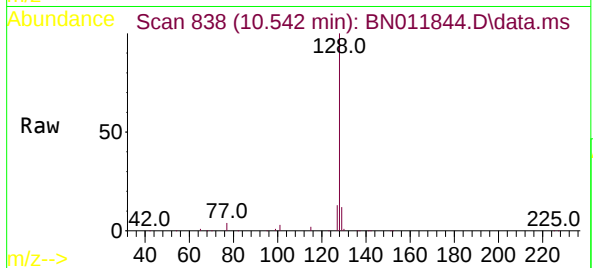




#9  
Naphthalene  
Concen: 9.59 ng  
RT: 10.542 min Scan# 838  
Delta R.T. 0.000 min  
Lab File: BN011844.D  
Acq: 21 Sep 2020 14:09

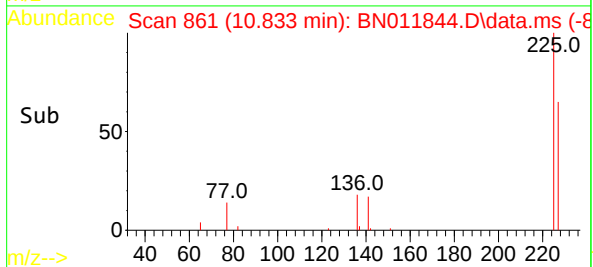
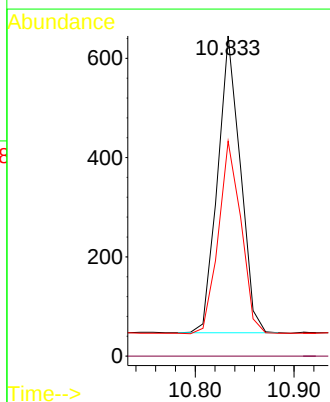
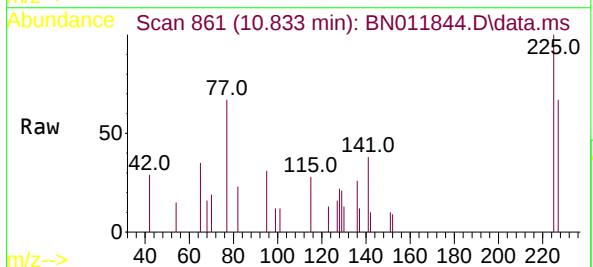
Instrument :  
BNA\_N  
ClientSampleId :  
FC-MW03SR1-20200910MSD

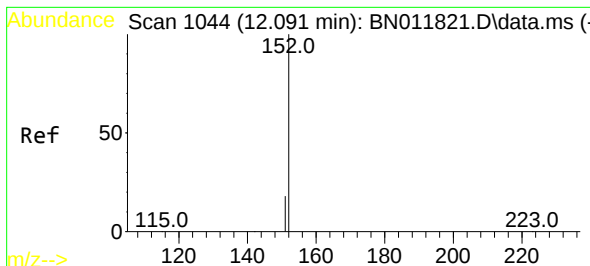
Tgt Ion:128 Resp: 223211  
Ion Ratio Lower Upper  
128 100  
129 11.6 9.7 14.5  
127 13.3 11.0 16.4



#10  
Hexachlorobutadiene  
Concen: 0.18 ng  
RT: 10.833 min Scan# 861  
Delta R.T. 0.000 min  
Lab File: BN011844.D  
Acq: 21 Sep 2020 14:09

Tgt Ion:225 Resp: 955  
Ion Ratio Lower Upper  
225 100  
223 0.0 0.0 0.0  
227 64.2 51.9 77.9

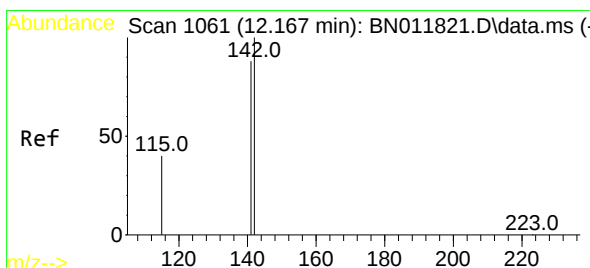
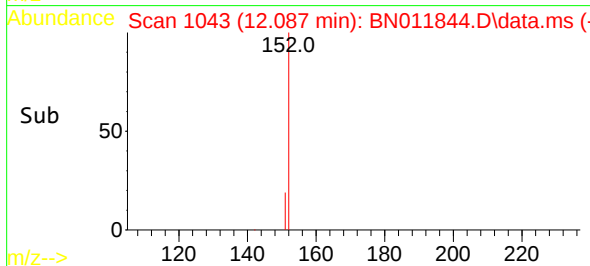
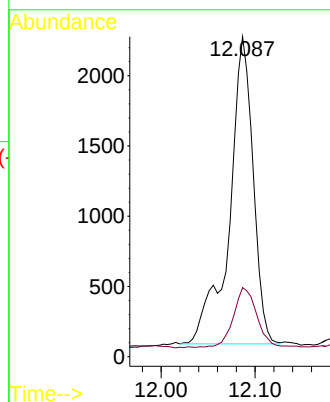
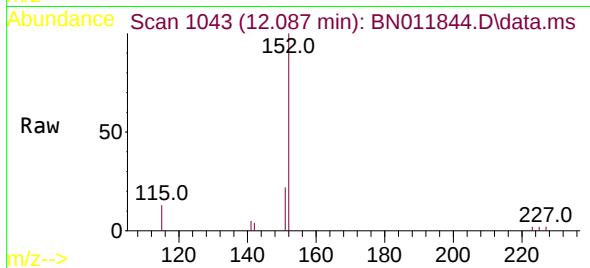




#11  
2-Methylnaphthalene-d10  
Concen: 0.26 ng  
RT: 12.087 min Scan# 1043  
Delta R.T. 0.000 min  
Lab File: BN011844.D  
Acq: 21 Sep 2020 14:09

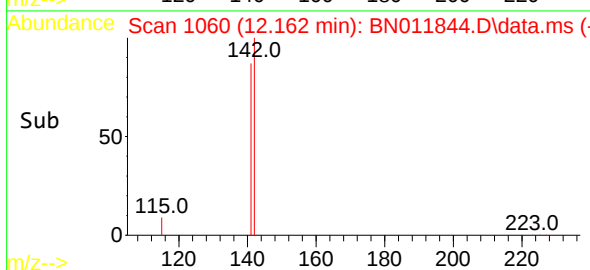
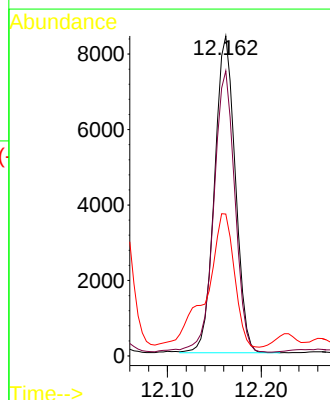
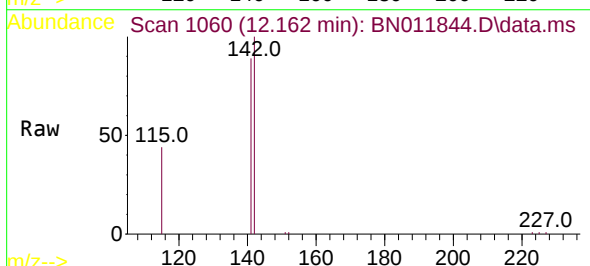
Instrument :  
BNA\_N  
ClientSampleId :  
FC-MW03SR1-20200910MSD

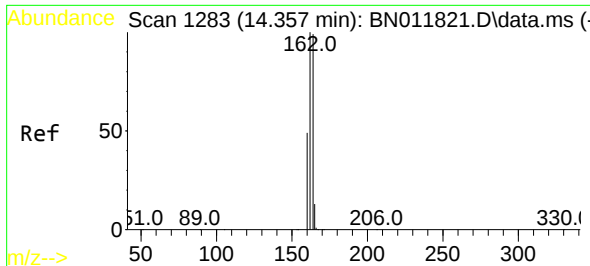
Tgt Ion:152 Resp: 3849  
Ion Ratio Lower Upper  
152 100  
151 19.1 16.7 25.1



#12  
2-Methylnaphthalene  
Concen: 0.80 ng  
RT: 12.162 min Scan# 1060  
Delta R.T. 0.000 min  
Lab File: BN011844.D  
Acq: 21 Sep 2020 14:09

Tgt Ion:142 Resp: 12845  
Ion Ratio Lower Upper  
142 100  
141 89.1 70.0 105.0  
115 44.4 35.8 53.6

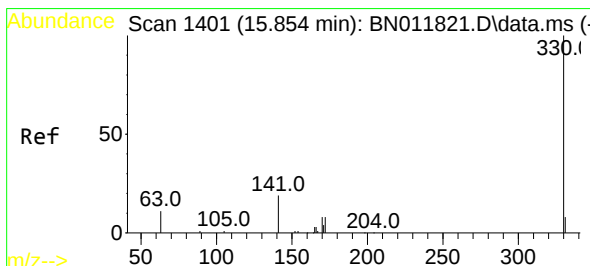
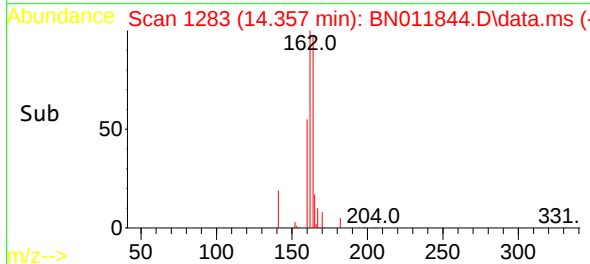
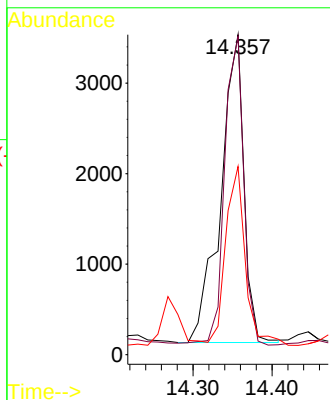
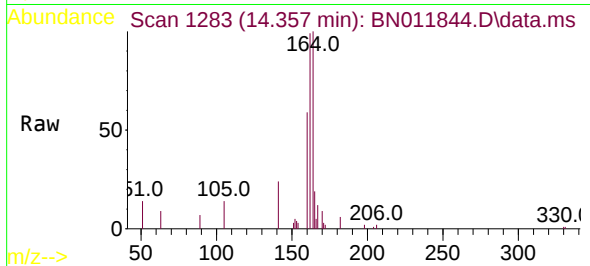




#13  
Acenaphthene-d10  
Concen: 0.40 ng  
RT: 14.357 min Scan# 1283  
Delta R.T. 0.000 min  
Lab File: BN011844.D  
Acq: 21 Sep 2020 14:09

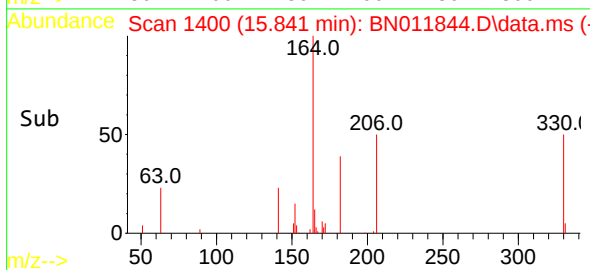
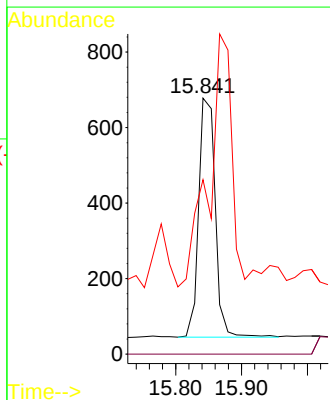
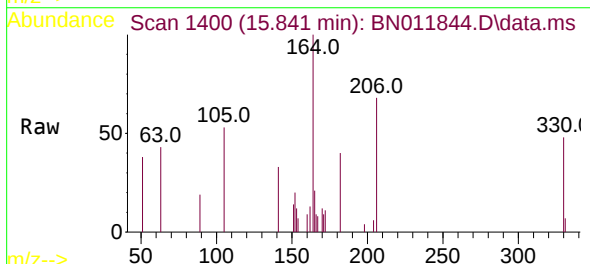
Instrument :  
BNA\_N  
ClientSampleId :  
FC-MW03SR1-20200910MSD

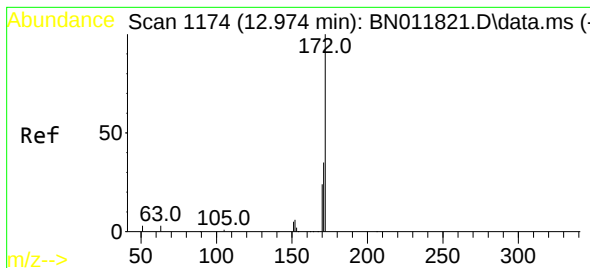
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 164   | Resp: | 6970  |
| Ion      | Ratio | Lower | Upper |
| 164      | 100   |       |       |
| 162      | 99.4  | 83.6  | 125.4 |
| 160      | 58.8  | 41.2  | 61.8  |



#14  
2,4,6-Tribromophenol  
Concen: 0.31 ng  
RT: 15.841 min Scan# 1400  
Delta R.T. -0.012 min  
Lab File: BN011844.D  
Acq: 21 Sep 2020 14:09

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 330   | Resp: | 1107  |
| Ion      | Ratio | Lower | Upper |
| 330      | 100   |       |       |
| 332      | 0.0   | 0.0   | 0.0   |
| 141      | 0.0   | 33.7  | 50.5  |

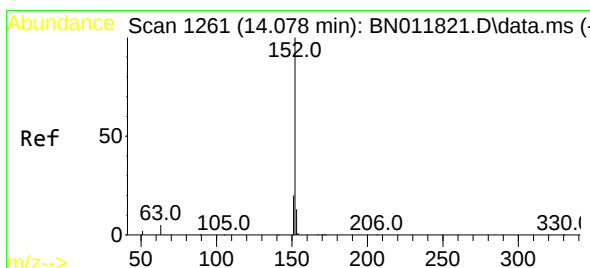
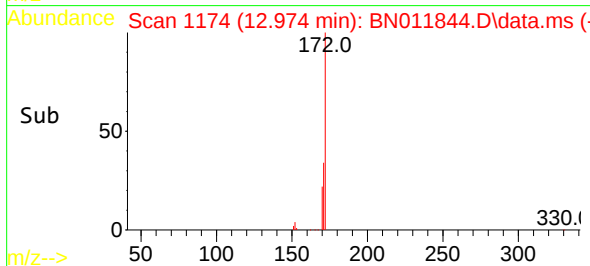
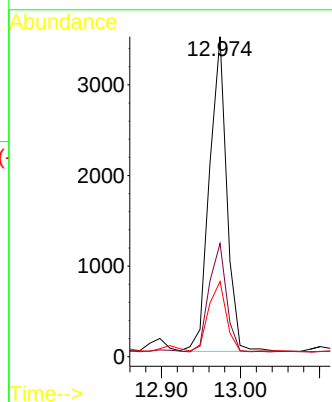
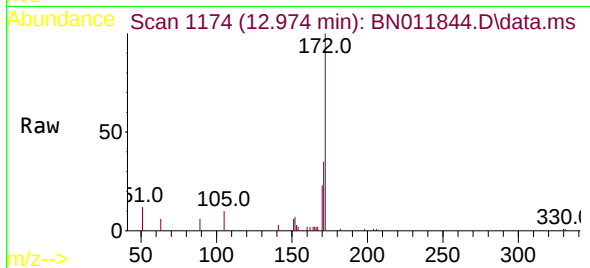




#15  
2-Fluorobiphenyl  
Concen: 0.18 ng  
RT: 12.974 min Scan# 1174  
Delta R.T. 0.000 min  
Lab File: BN011844.D  
Acq: 21 Sep 2020 14:09

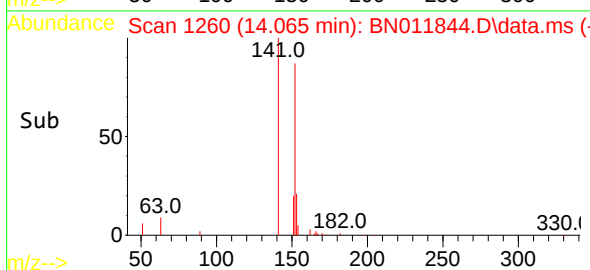
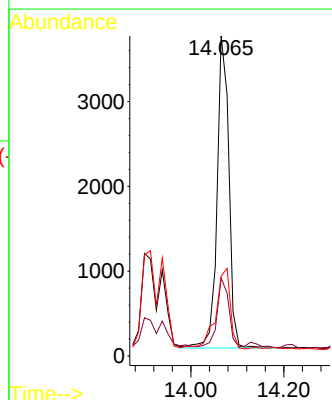
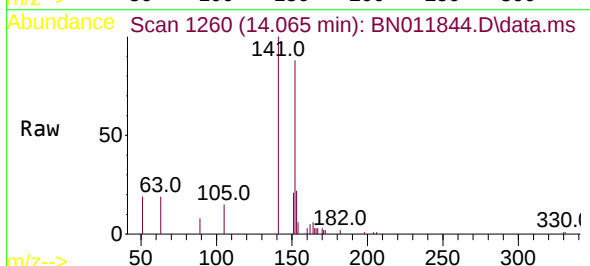
Instrument :  
BNA\_N  
ClientSampleId :  
FC-MW03SR1-20200910MSD

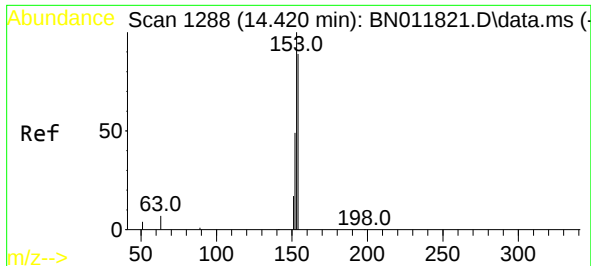
|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 172   | Resp: | 5308 |
| Ion Ratio | Lower | Upper |      |
| 172       | 100   |       |      |
| 171       | 35.4  | 27.4  | 41.2 |
| 170       | 23.5  | 17.8  | 26.6 |



#16  
Acenaphthylene  
Concen: 0.19 ng  
RT: 14.065 min Scan# 1260  
Delta R.T. 0.000 min  
Lab File: BN011844.D  
Acq: 21 Sep 2020 14:09

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 152   | Resp: | 6476  |
| Ion Ratio | Lower | Upper |       |
| 152       | 100   |       |       |
| 151       | 21.7  | 15.9  | 23.9  |
| 153       | 32.2  | 10.5  | 15.7# |

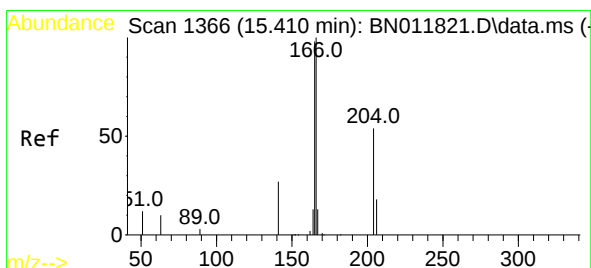
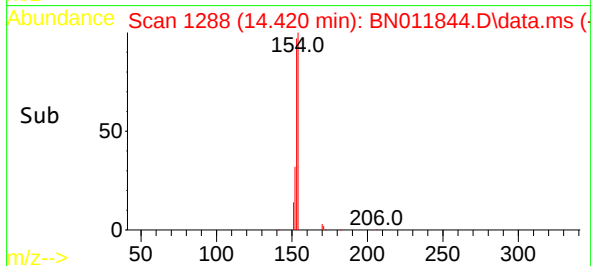
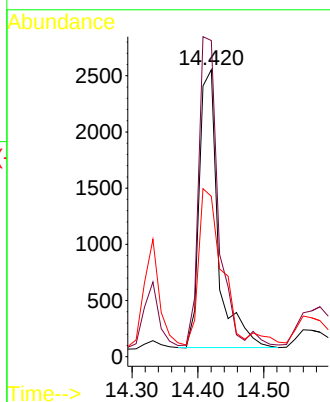
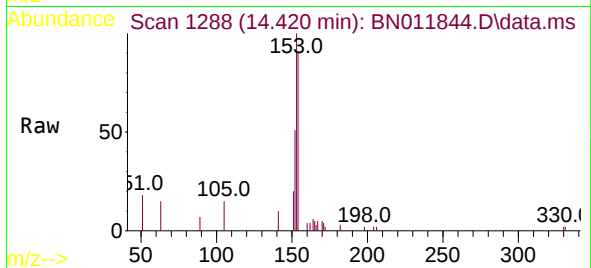




#17  
Acenaphthene  
Concen: 0.21 ng  
RT: 14.420 min Scan# 1288  
Delta R.T. 0.000 min  
Lab File: BN011844.D  
Acq: 21 Sep 2020 14:09

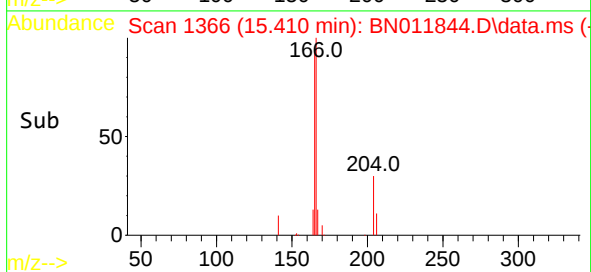
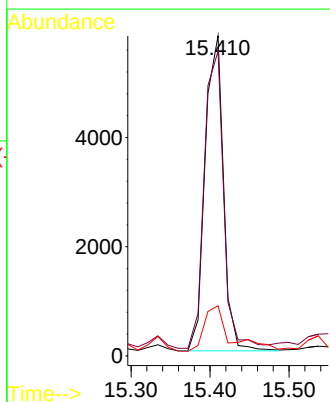
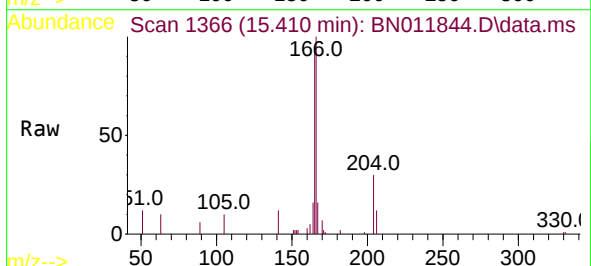
Instrument :  
BNA\_N  
ClientSampleId :  
FC-MW03SR1-20200910MSD

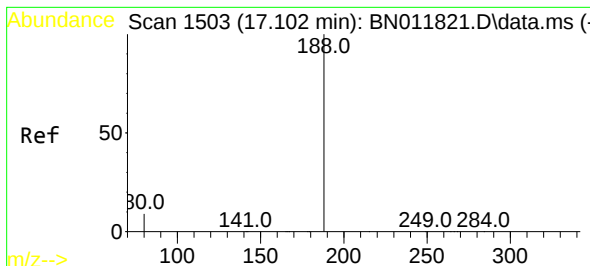
Tgt Ion:154 Resp: 4966  
Ion Ratio Lower Upper  
154 100  
153 112.9 83.4 125.2  
152 67.1 42.8 64.2#



#18  
Fluorene  
Concen: 0.32 ng  
RT: 15.410 min Scan# 1366  
Delta R.T. 0.000 min  
Lab File: BN011844.D  
Acq: 21 Sep 2020 14:09

Tgt Ion:166 Resp: 9327  
Ion Ratio Lower Upper  
166 100  
165 99.4 78.8 118.2  
167 16.2 11.2 16.8

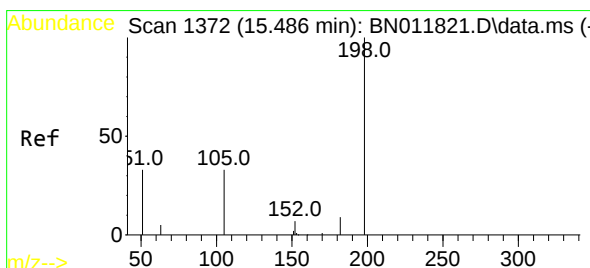
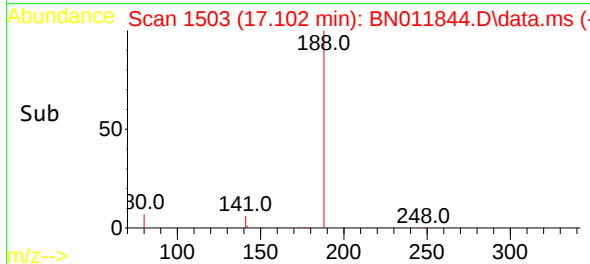
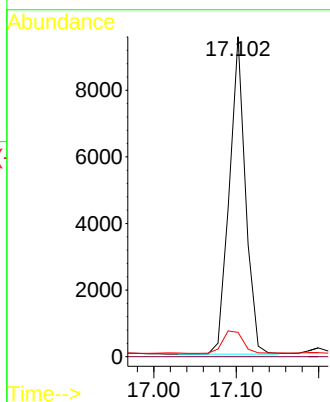
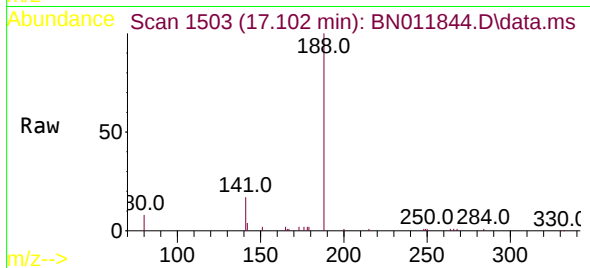




#19  
Phenanthrene-d10  
Concen: 0.40 ng  
RT: 17.102 min Scan# 1503  
Delta R.T. 0.000 min  
Lab File: BN011844.D  
Acq: 21 Sep 2020 14:09

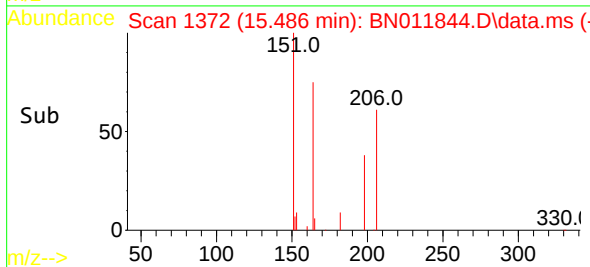
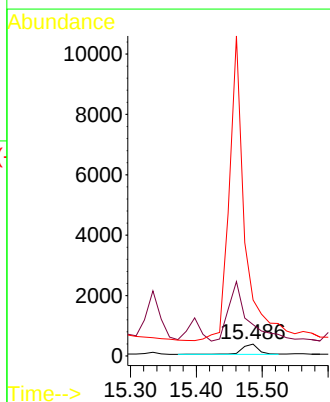
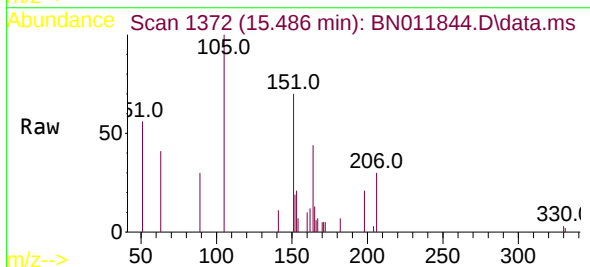
Instrument :  
BNA\_N  
ClientSampleId :  
FC-MW03SR1-20200910MSD

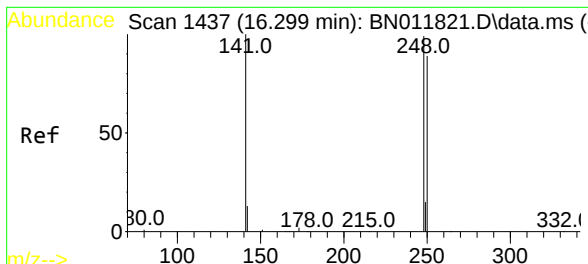
Tgt Ion:188 Resp: 13017  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 7.6 7.7 11.5#



#20  
4,6-Dinitro-2-methylphenol  
Concen: 0.27 ng  
RT: 15.486 min Scan# 1372  
Delta R.T. 0.000 min  
Lab File: BN011844.D  
Acq: 21 Sep 2020 14:09

Tgt Ion:198 Resp: 605  
Ion Ratio Lower Upper  
198 100  
51 264.1 45.0 67.4#  
105 471.5 30.4 45.6#

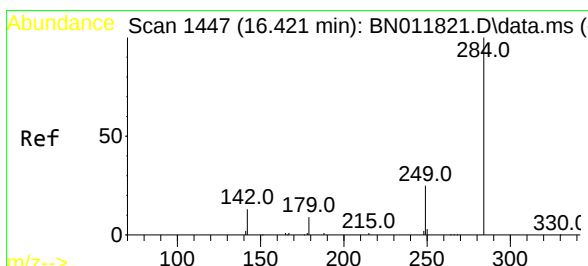
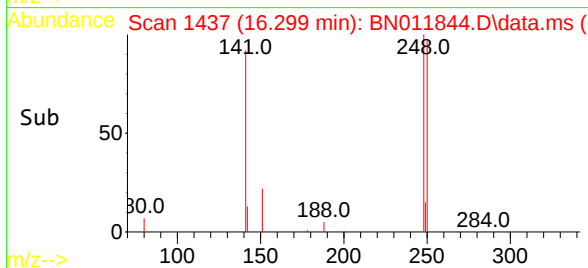
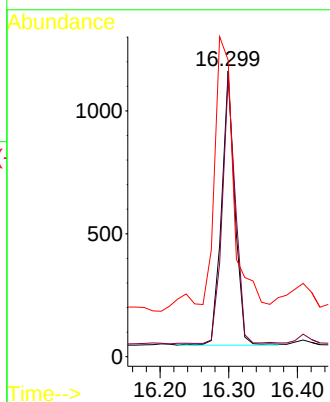
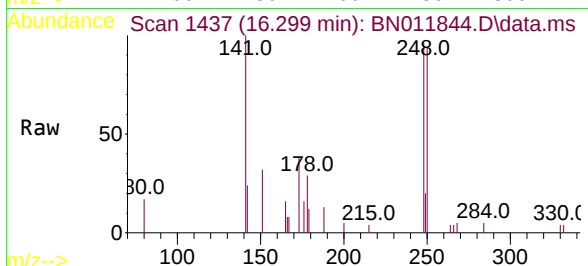




#21  
4-Bromophenyl-phenylether  
Concen: 0.19 ng  
RT: 16.299 min Scan# 1437  
Delta R.T. 0.000 min  
Lab File: BN011844.D  
Acq: 21 Sep 2020 14:09

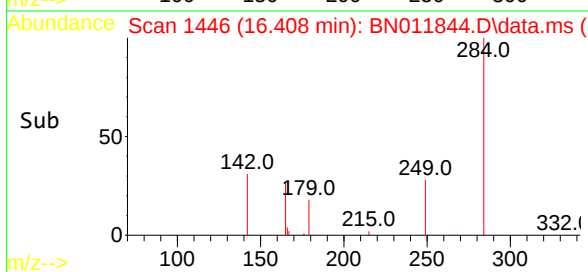
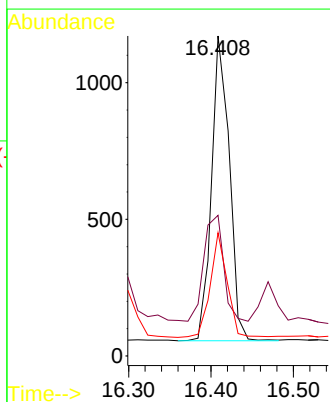
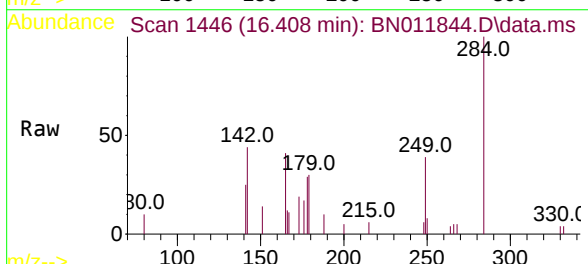
Instrument :  
BNA\_N  
ClientSampleId :  
FC-MW03SR1-20200910MSD

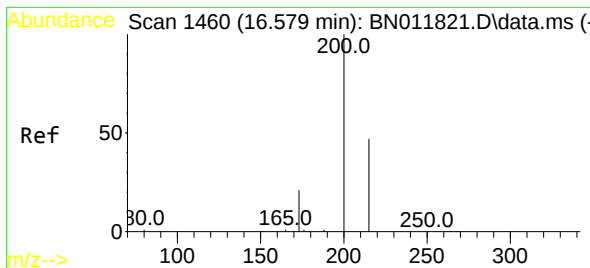
Tgt Ion:248 Resp: 1495  
Ion Ratio Lower Upper  
248 100  
250 97.8 82.7 124.1  
141 103.8 33.7 50.5#



#22  
Hexachlorobenzene  
Concen: 0.17 ng  
RT: 16.408 min Scan# 1446  
Delta R.T. 0.000 min  
Lab File: BN011844.D  
Acq: 21 Sep 2020 14:09

Tgt Ion:284 Resp: 1666  
Ion Ratio Lower Upper  
284 100  
142 39.4 32.4 48.6  
249 32.7 26.8 40.2





#23

Atrazine

Concen: 0.16 ng

RT: 16.579 min Scan# 1460

Delta R.T. 0.012 min

Lab File: BN011844.D

Acq: 21 Sep 2020 14:09

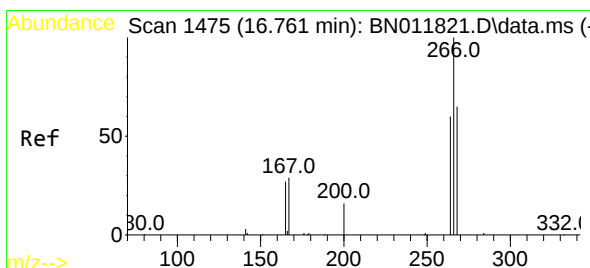
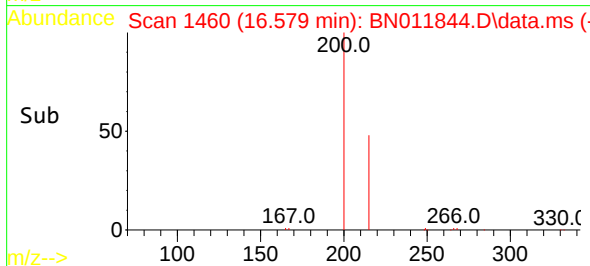
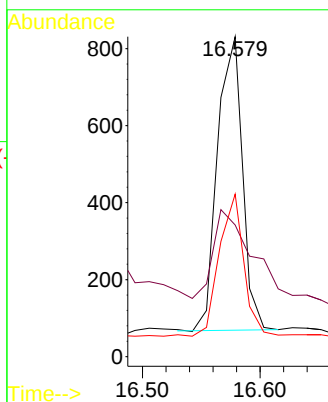
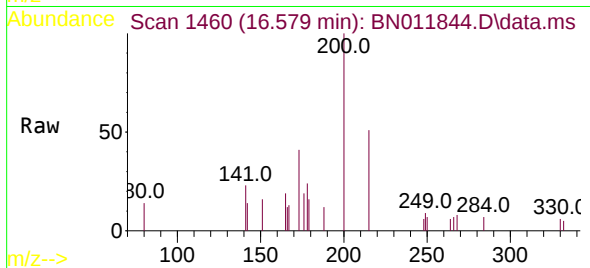
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 200   | Resp: | 1119  |
| Ion      | Ratio | Lower | Upper |
| 200      | 100   |       |       |
| 173      | 41.2  | 18.7  | 28.1# |
| 215      | 50.8  | 40.2  | 60.4  |

Instrument :

BNA\_N

ClientSampleId :

FC-MW03SR1-20200910MSD



#24

Pentachlorophenol

Concen: 0.49 ng

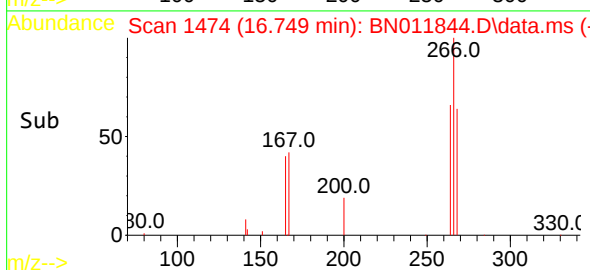
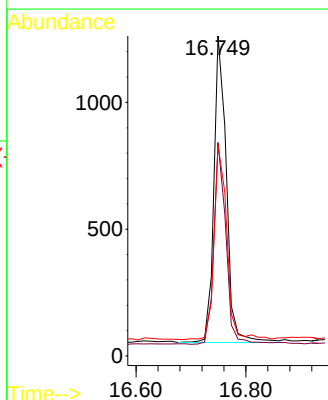
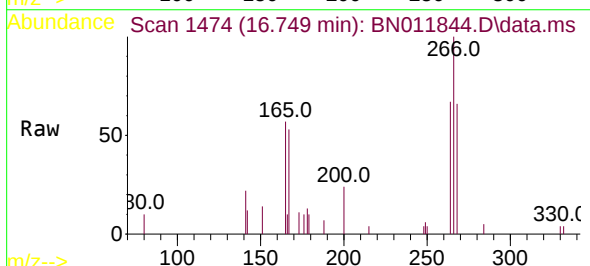
RT: 16.749 min Scan# 1474

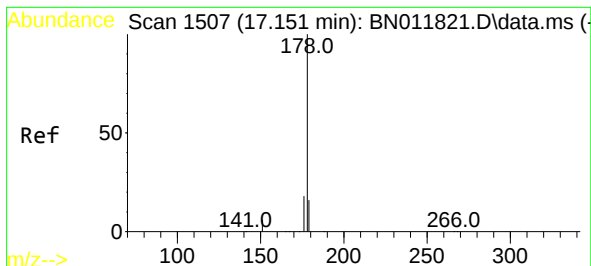
Delta R.T. 0.000 min

Lab File: BN011844.D

Acq: 21 Sep 2020 14:09

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 266   | Resp: | 1901  |
| Ion      | Ratio | Lower | Upper |
| 266      | 100   |       |       |
| 264      | 64.1  | 51.2  | 76.8  |
| 268      | 64.4  | 52.4  | 78.6  |

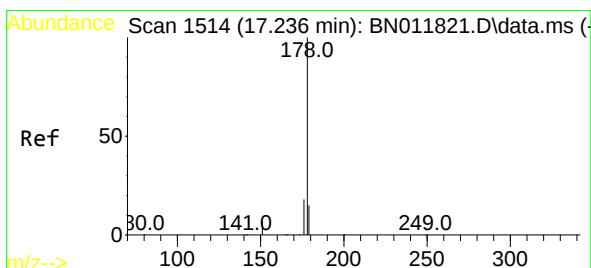
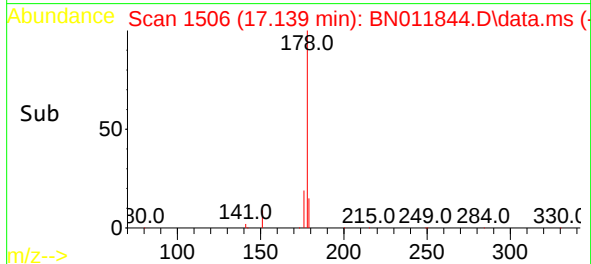
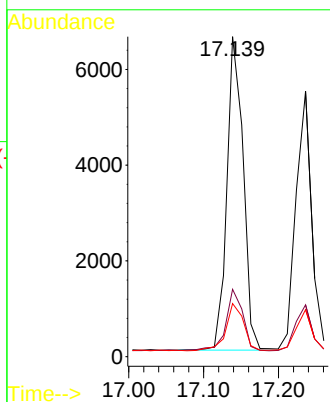
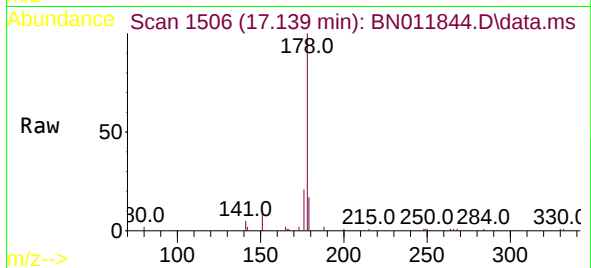




#25  
Phenanthrene  
Concen: 0.24 ng  
RT: 17.139 min Scan# 1506  
Delta R.T. 0.000 min  
Lab File: BN011844.D  
Acq: 21 Sep 2020 14:09

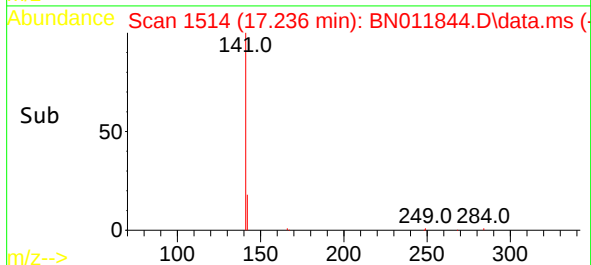
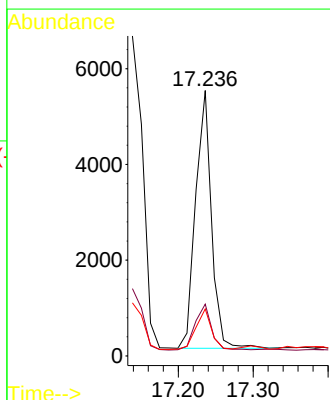
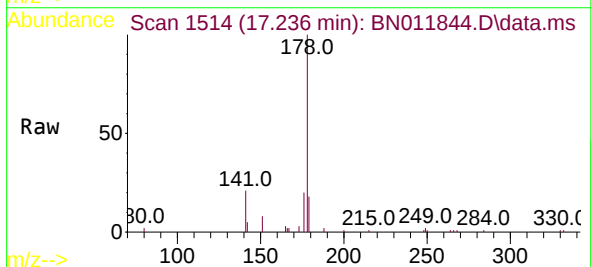
Instrument :  
BNA\_N  
ClientSampleId :  
FC-MW03SR1-20200910MSD

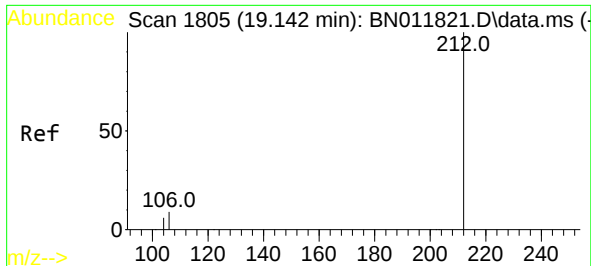
Tgt Ion:178 Resp: 9888  
Ion Ratio Lower Upper  
178 100  
176 20.8 15.1 22.7  
179 16.5 12.3 18.5



#26  
Anthracene  
Concen: 0.22 ng  
RT: 17.236 min Scan# 1514  
Delta R.T. 0.000 min  
Lab File: BN011844.D  
Acq: 21 Sep 2020 14:09

Tgt Ion:178 Resp: 7942  
Ion Ratio Lower Upper  
178 100  
176 18.3 14.6 21.8  
179 15.3 12.4 18.6

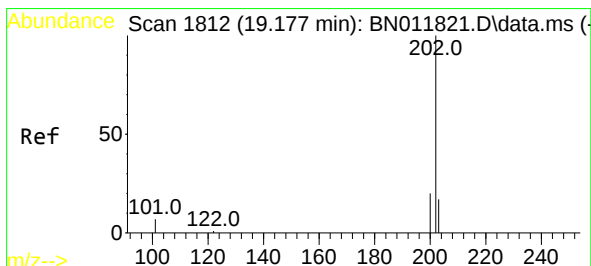
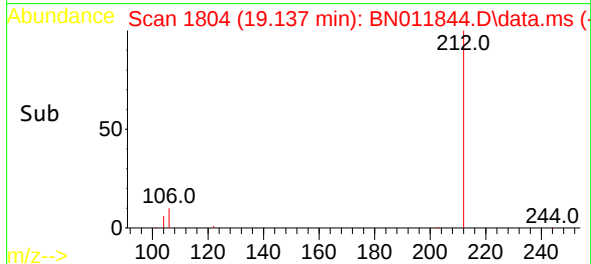
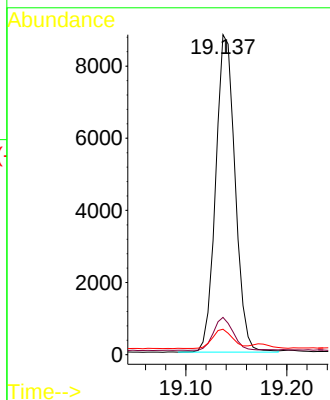
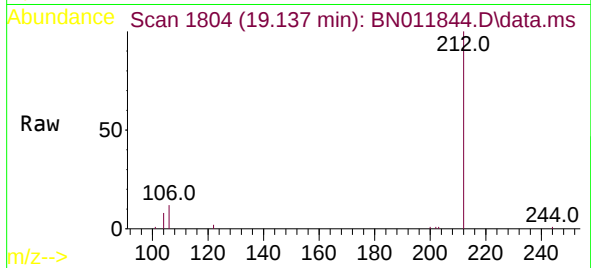




#27  
Fluoranthene-d10  
Concen: 0.29 ng  
RT: 19.137 min Scan# 1804  
Delta R.T. -0.005 min  
Lab File: BN011844.D  
Acq: 21 Sep 2020 14:09

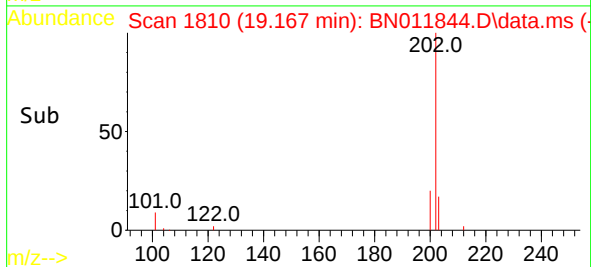
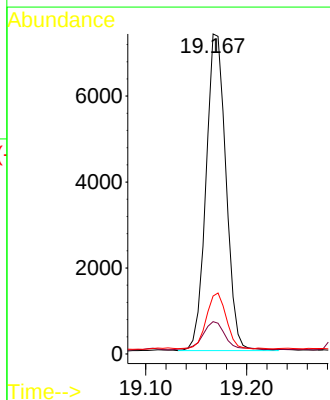
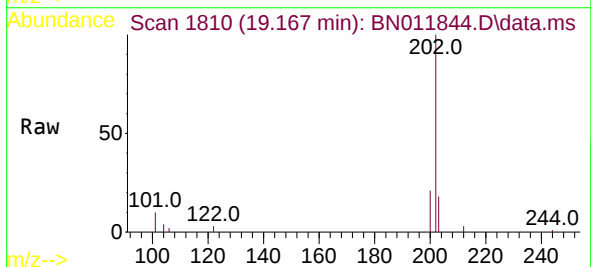
Instrument :  
BNA\_N  
ClientSampleId :  
FC-MW03SR1-20200910MSD

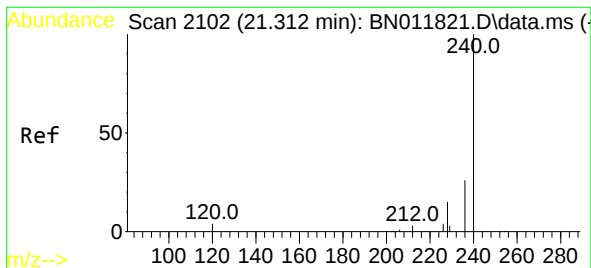
Tgt Ion:212 Resp: 11768  
Ion Ratio Lower Upper  
212 100  
106 10.4 6.4 9.6#  
104 6.4 3.9 5.9#



#28  
Fluoranthene  
Concen: 0.21 ng  
RT: 19.167 min Scan# 1810  
Delta R.T. -0.005 min  
Lab File: BN011844.D  
Acq: 21 Sep 2020 14:09

Tgt Ion:202 Resp: 10123  
Ion Ratio Lower Upper  
202 100  
101 10.2 5.4 8.2#  
203 17.6 13.8 20.6





#29

Chrysene-d12

Concen: 0.40 ng

RT: 21.301 min Scan# 2101

Delta R.T. 0.000 min

Lab File: BN011844.D

Acq: 21 Sep 2020 14:09

Tgt Ion:240 Resp: 13601

Ion Ratio Lower Upper

240 100

120 11.6 3.5 5.3#

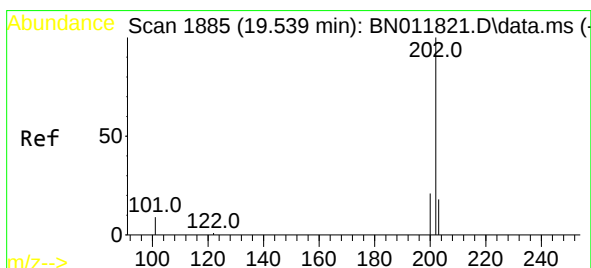
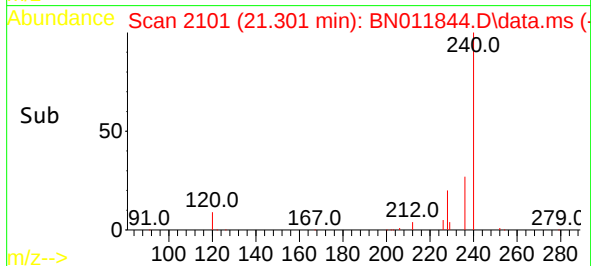
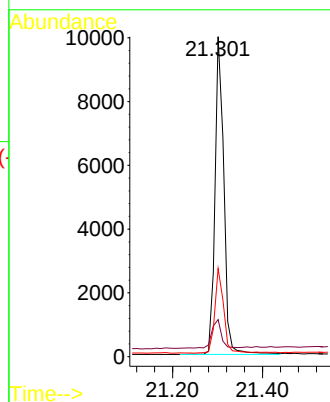
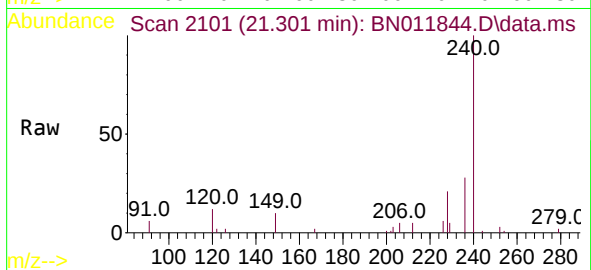
236 27.5 20.5 30.7

Instrument :

BNA\_N

ClientSampleId :

FC-MW03SR1-20200910MSD



#30

Pyrene

Concen: 0.22 ng

RT: 19.534 min Scan# 1884

Delta R.T. 0.000 min

Lab File: BN011844.D

Acq: 21 Sep 2020 14:09

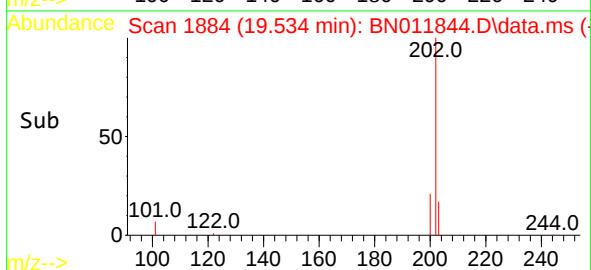
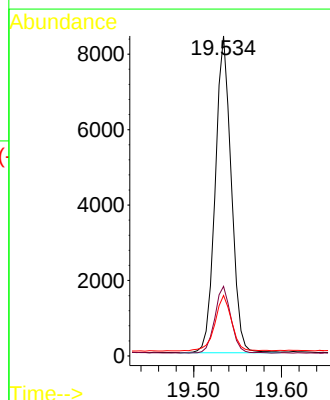
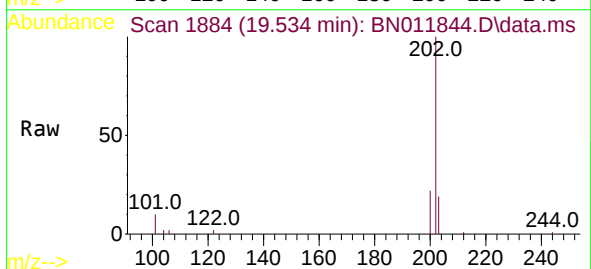
Tgt Ion:202 Resp: 10642

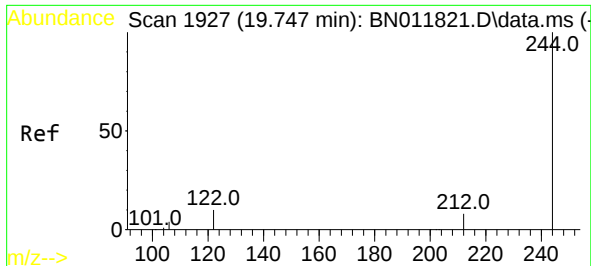
Ion Ratio Lower Upper

202 100

200 21.0 16.5 24.7

203 18.2 13.9 20.9

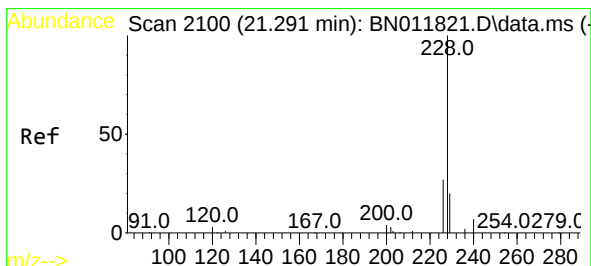
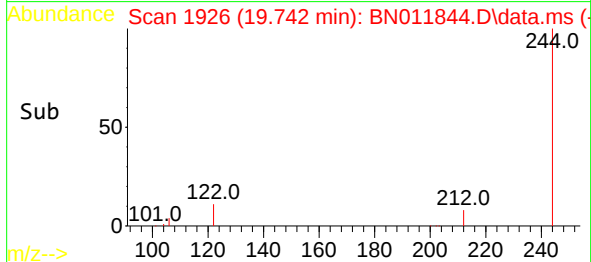
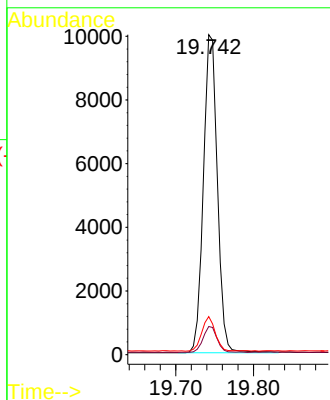
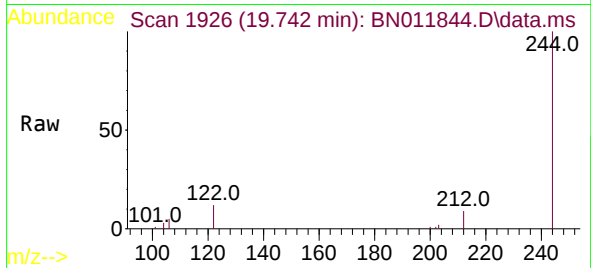




#31  
 Terphenyl-d14  
 Concen: 0.40 ng  
 RT: 19.742 min Scan# 1926  
 Delta R.T. 0.000 min  
 Lab File: BN011844.D  
 Acq: 21 Sep 2020 14:09

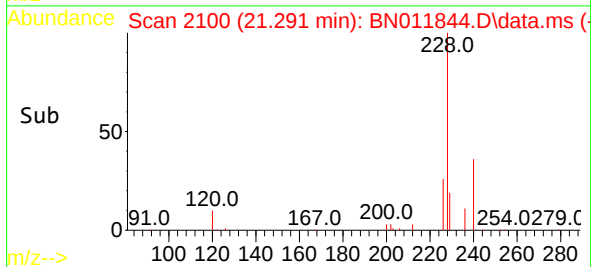
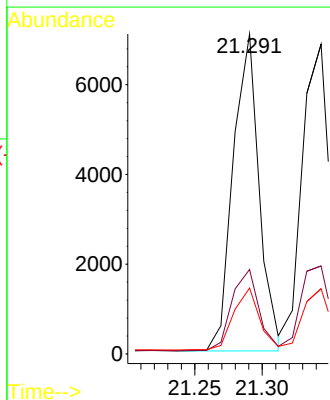
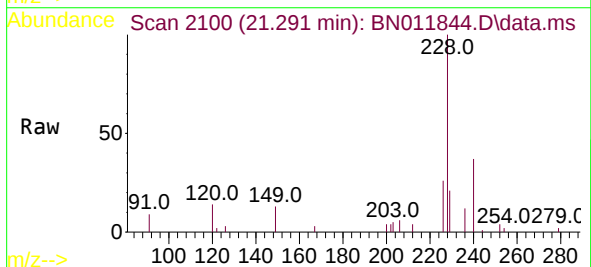
Instrument :  
 BNA\_N  
 ClientSampleId :  
 FC-MW03SR1-20200910MSD

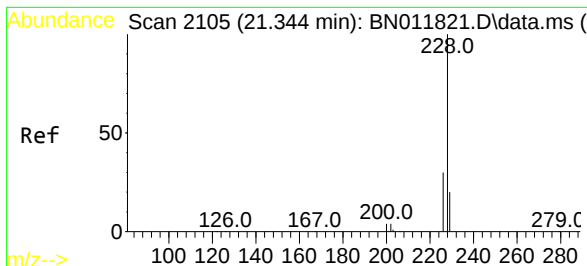
Tgt Ion:244 Resp: 12557  
 Ion Ratio Lower Upper  
 244 100  
 212 8.8 7.3 10.9  
 122 11.9 7.8 11.6#



#32  
 Benzo(a)anthracene  
 Concen: 0.21 ng  
 RT: 21.291 min Scan# 2100  
 Delta R.T. 0.000 min  
 Lab File: BN011844.D  
 Acq: 21 Sep 2020 14:09

Tgt Ion:228 Resp: 9469  
 Ion Ratio Lower Upper  
 228 100  
 226 26.4 21.0 31.4  
 229 20.6 16.0 24.0





#33

Chrysene

Concen: 0.21 ng

RT: 21.344 min Scan# 2105

Delta R.T. 0.000 min

Lab File: BN011844.D

Acq: 21 Sep 2020 14:09

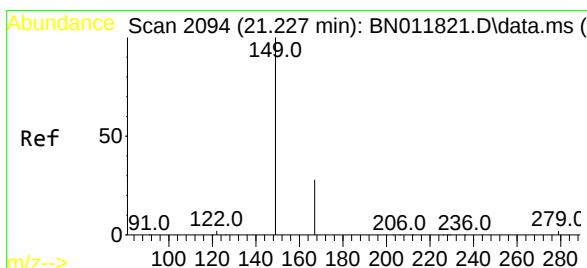
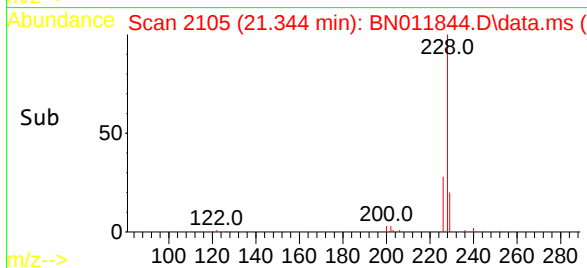
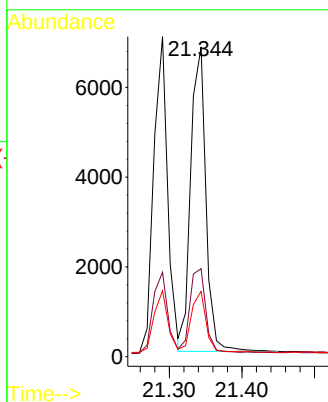
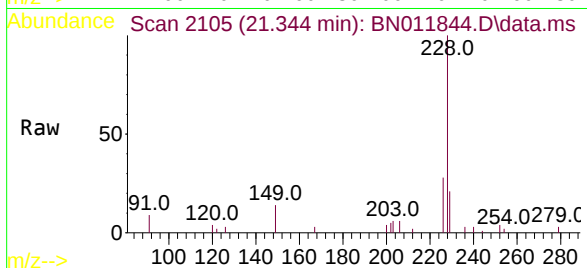
Instrument :

BNA\_N

ClientSampleId :

FC-MW03SR1-20200910MSD

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 228   | Resp: | 9868 |
| Ion Ratio | Lower | Upper |      |
| 228       | 100   |       |      |
| 226       | 28.4  | 23.3  | 34.9 |
| 229       | 21.1  | 15.8  | 23.8 |



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.28 ng

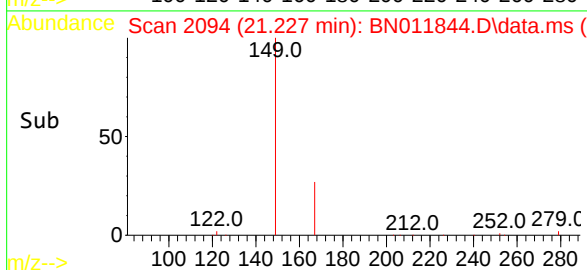
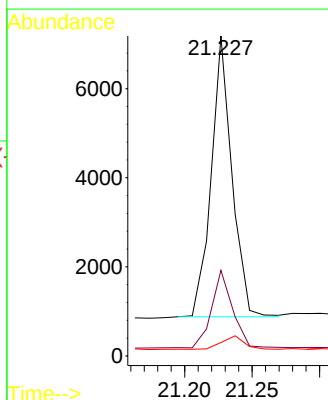
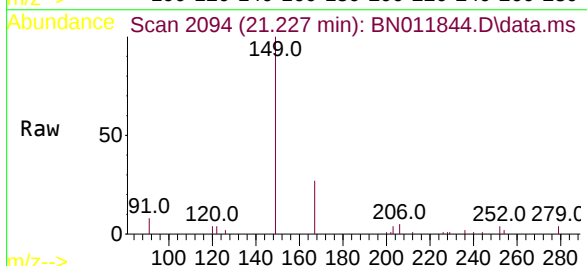
RT: 21.227 min Scan# 2094

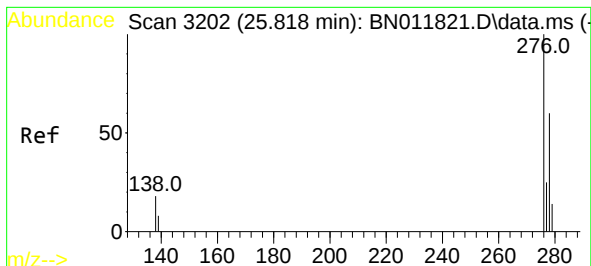
Delta R.T. 0.000 min

Lab File: BN011844.D

Acq: 21 Sep 2020 14:09

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 149   | Resp: | 6714 |
| Ion Ratio | Lower | Upper |      |
| 149       | 100   |       |      |
| 167       | 27.7  | 23.6  | 35.4 |
| 279       | 5.0   | 4.0   | 6.0  |

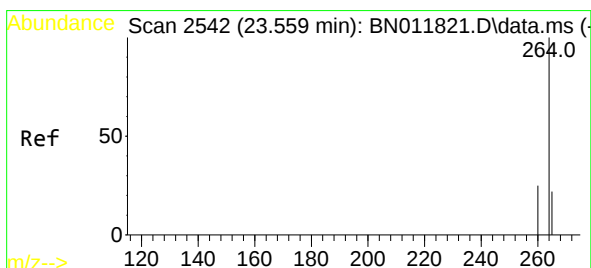
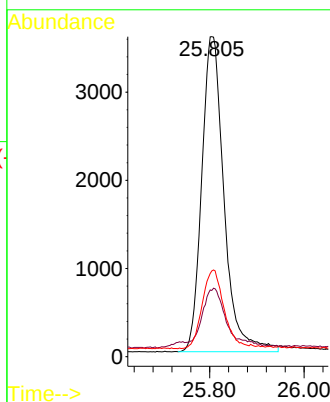
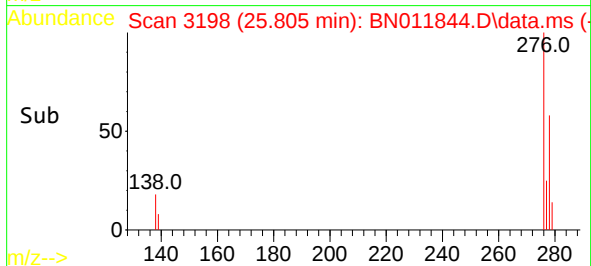
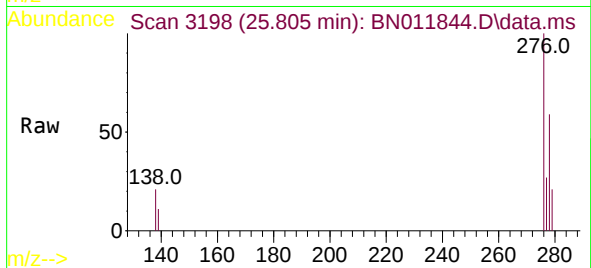




#35  
Indeno(1,2,3-cd)pyrene  
Concen: 0.20 ng  
RT: 25.805 min Scan# 3198  
Delta R.T. -0.003 min  
Lab File: BN011844.D  
Acq: 21 Sep 2020 14:09

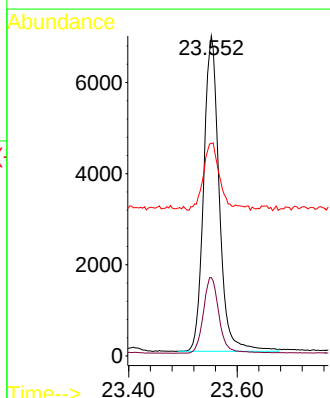
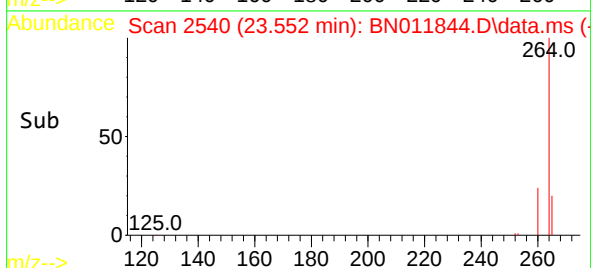
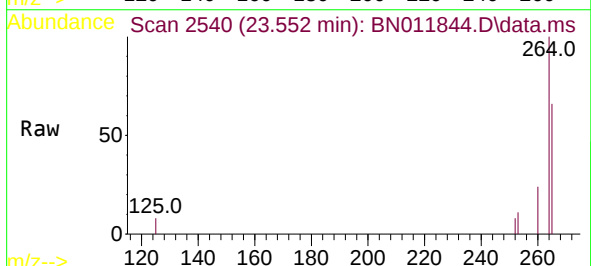
Instrument :  
BNA\_N  
ClientSampleId :  
FC-MW03SR1-20200910MSD

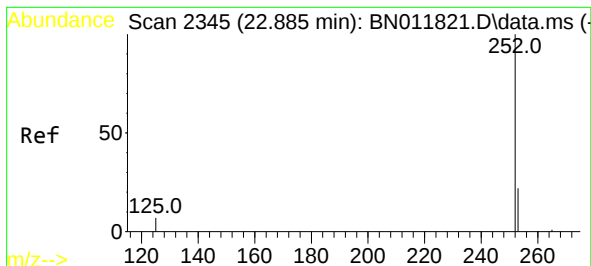
Tgt Ion:276 Resp: 11734  
Ion Ratio Lower Upper  
276 100  
138 19.9 13.0 19.4#  
277 24.3 20.0 30.0



#36  
Perylene-d12  
Concen: 0.40 ng  
RT: 23.552 min Scan# 2540  
Delta R.T. 0.000 min  
Lab File: BN011844.D  
Acq: 21 Sep 2020 14:09

Tgt Ion:264 Resp: 13787  
Ion Ratio Lower Upper  
264 100  
260 24.5 19.6 29.4  
265 66.4 38.6 58.0#





#37

Benzo(b)fluoranthene

Concen: 0.20 ng

RT: 22.878 min Scan# 2343

Delta R.T. 0.000 min

Lab File: BN011844.D

Acq: 21 Sep 2020 14:09

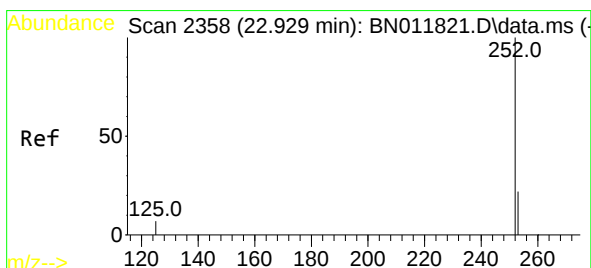
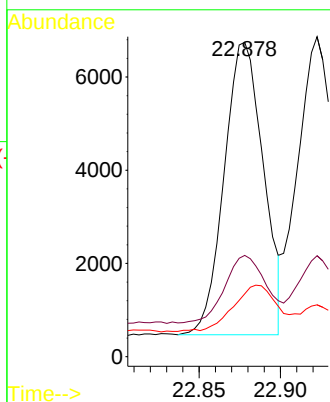
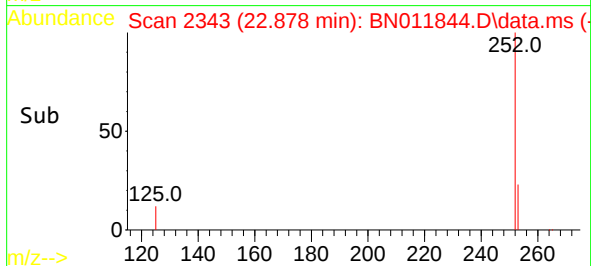
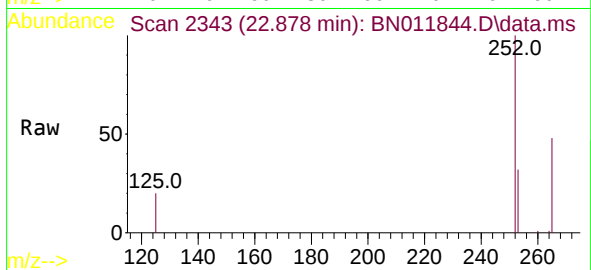
Tgt Ion:252 Resp: 10505

Ion Ratio Lower Upper

252 100

253 32.2 19.1 28.7#

125 20.0 6.2 9.2#



#38

Benzo(k)fluoranthene

Concen: 0.20 ng

RT: 22.923 min Scan# 2356

Delta R.T. 0.000 min

Lab File: BN011844.D

Acq: 21 Sep 2020 14:09

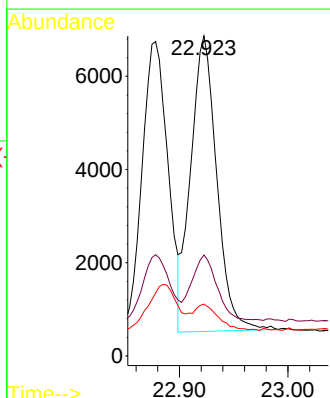
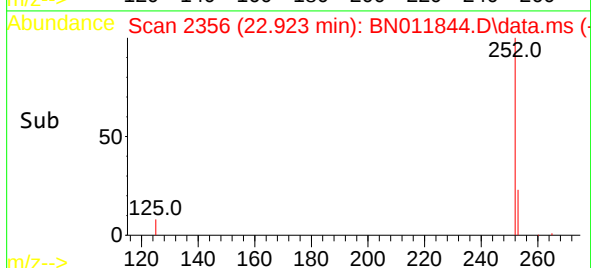
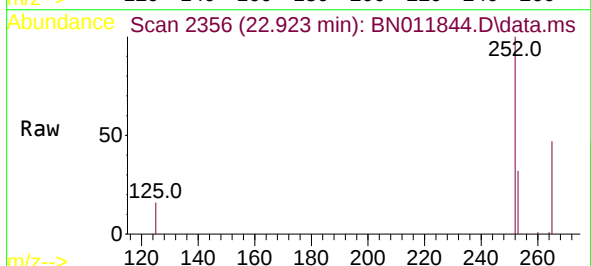
Tgt Ion:252 Resp: 10582

Ion Ratio Lower Upper

252 100

253 31.6 19.3 28.9#

125 16.2 6.0 9.0#

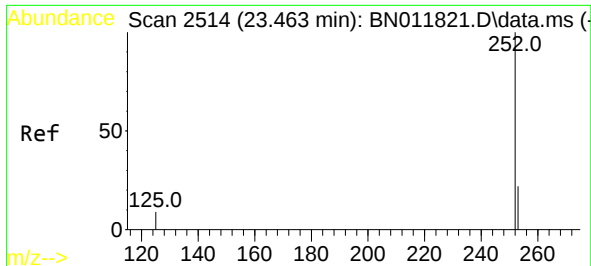


Instrument :

BNA\_N

ClientSampleId :

FC-MW03SR1-20200910MSD



#39

Benzo(a)pyrene

Concen: 0.20 ng

RT: 23.453 min Scan# 2511

Delta R.T. 0.000 min

Lab File: BN011844.D

Acq: 21 Sep 2020 14:09

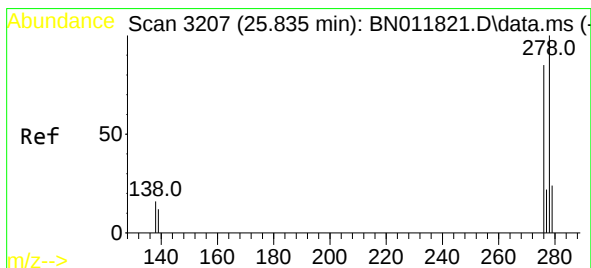
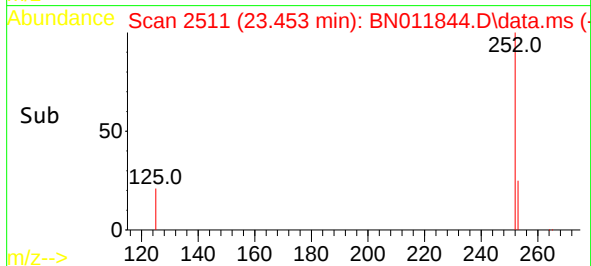
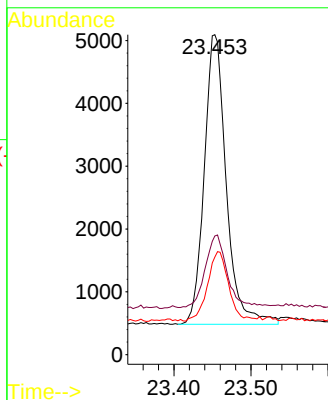
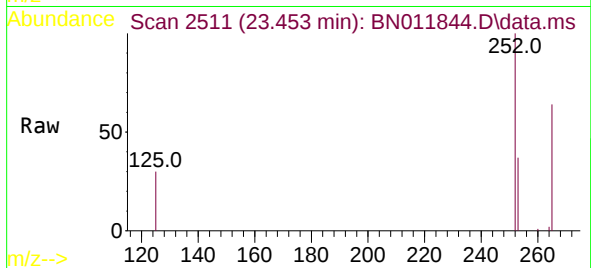
|             |       |            |
|-------------|-------|------------|
| Tgt Ion:252 | Resp: | 9155       |
| Ion Ratio   | Lower | Upper      |
| 252         | 100   |            |
| 253         | 37.1  | 19.8 29.6# |
| 125         | 30.5  | 7.3 10.9#  |

Instrument :

BNA\_N

ClientSampleId :

FC-MW03SR1-20200910MSD



#40

Dibenzo(a,h)anthracene

Concen: 0.19 ng

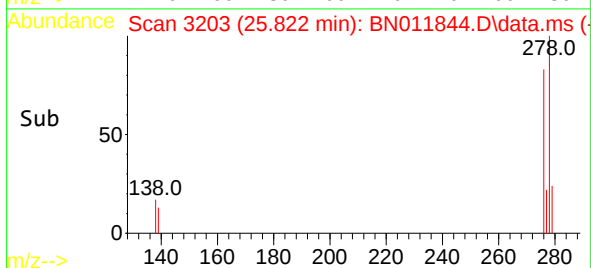
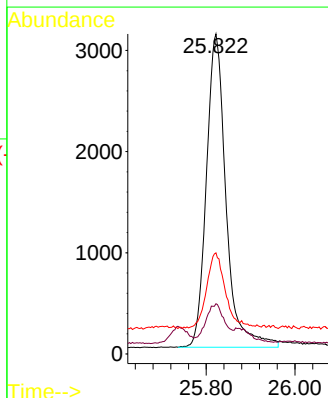
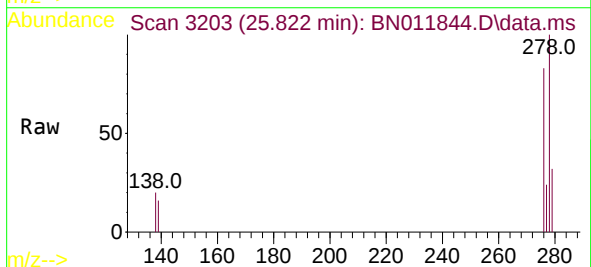
RT: 25.822 min Scan# 3203

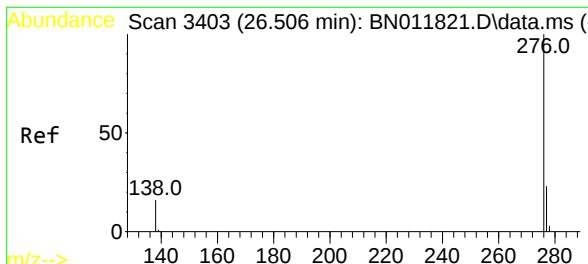
Delta R.T. 0.000 min

Lab File: BN011844.D

Acq: 21 Sep 2020 14:09

|             |       |            |
|-------------|-------|------------|
| Tgt Ion:278 | Resp: | 9521       |
| Ion Ratio   | Lower | Upper      |
| 278         | 100   |            |
| 139         | 15.7  | 8.6 13.0#  |
| 279         | 31.6  | 19.8 29.8# |





#41  
 Benzo(g,h,i)perylene  
 Concen: 0.19 ng  
 RT: 26.489 min Scan# 3398  
 Delta R.T. -0.003 min  
 Lab File: BN011844.D  
 Acq: 21 Sep 2020 14:09

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

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 276   | Resp: | 10146 |
| Ion Ratio | Lower | Upper |       |
| 276       | 100   |       |       |
| 277       | 25.6  | 19.4  | 29.0  |
| 138       | 19.5  | 11.3  | 16.9# |

