

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN031021\  
 Data File : BN013904.D  
 Acq On : 10 Mar 2021 13:21  
 Operator : CG/JU  
 Sample : PB135077BS  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB135077BS

Quant Time: Mar 10 13:53:02 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN022421.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Mar 08 10:32:09 2021  
 Response via : Initial Calibration

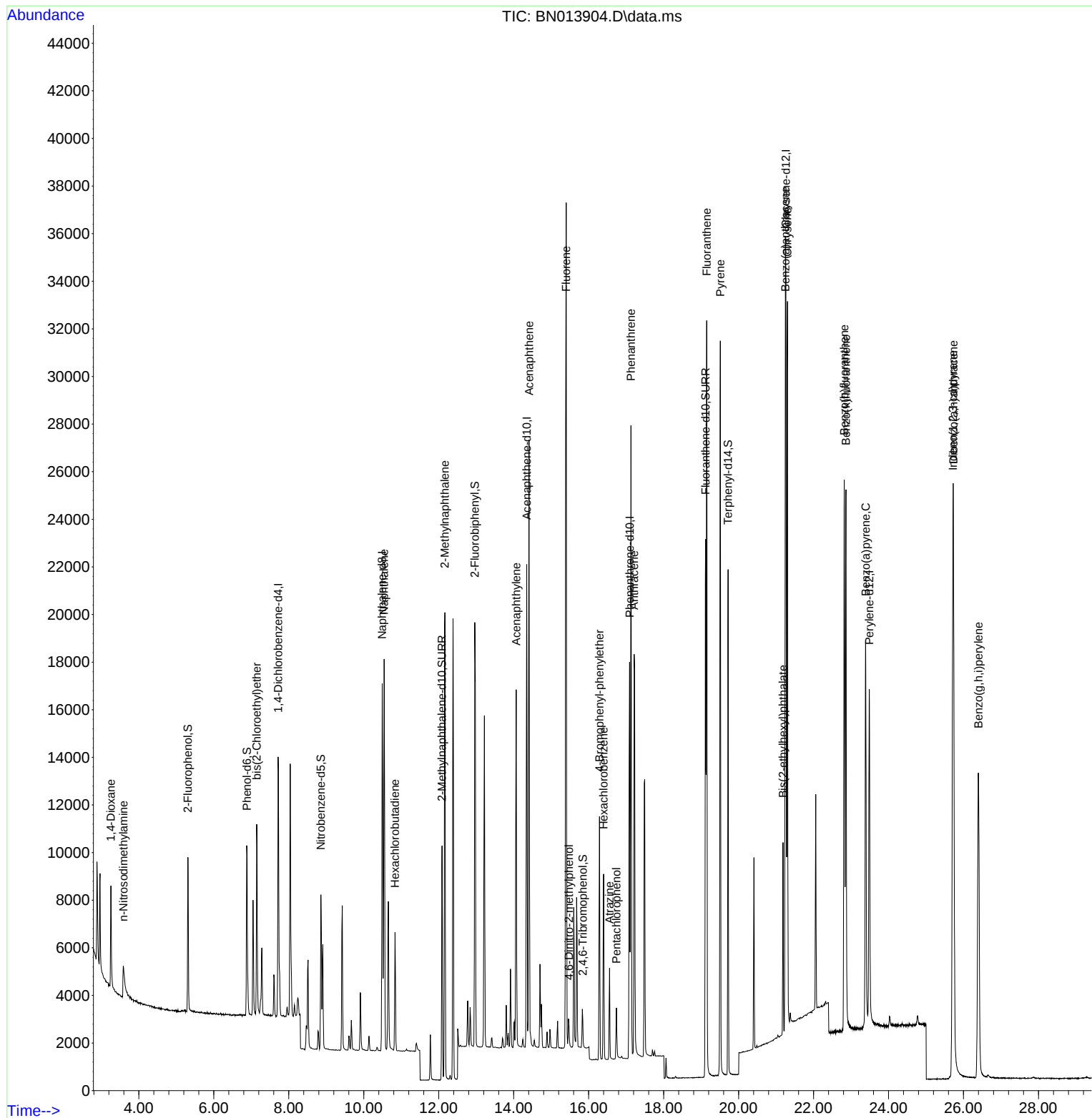
| Compound                      | R.T.   | QIon | Response | Conc | Units | Dev(Min)  |
|-------------------------------|--------|------|----------|------|-------|-----------|
| Internal Standards            |        |      |          |      |       |           |
| 1) 1,4-Dichlorobenzene-d4     | 7.716  | 152  | 5347     | 0.40 | ng    | 0.00      |
| 7) Naphthalene-d8             | 10.492 | 136  | 20314    | 0.40 | ng    | #-0.01    |
| 13) Acenaphthene-d10          | 14.346 | 164  | 10870    | 0.40 | ng    | 0.00      |
| 19) Phenanthrene-d10          | 17.092 | 188  | 23097    | 0.40 | ng    | # 0.00    |
| 29) Chrysene-d12              | 21.261 | 240  | 22197    | 0.40 | ng    | 0.00      |
| 36) Perylene-d12              | 23.486 | 264  | 19515    | 0.40 | ng    | # 0.00    |
| System Monitoring Compounds   |        |      |          |      |       |           |
| 4) 2-Fluorophenol             | 5.308  | 112  | 5037     | 0.35 | ng    | 0.00      |
| 5) Phenol-d6                  | 6.887  | 99   | 6596     | 0.35 | ng    | 0.00      |
| 8) Nitrobenzene-d5            | 8.857  | 82   | 5170     | 0.40 | ng    | 0.00      |
| 11) 2-Methylnaphthalene-d10   | 12.089 | 152  | 12788    | 0.39 | ng    | 0.00      |
| 14) 2,4,6-Tribromophenol      | 15.843 | 330  | 1293     | 0.29 | ng    | 0.00      |
| 15) 2-Fluorobiphenyl          | 12.963 | 172  | 17088    | 0.44 | ng    | -0.01     |
| 27) Fluoranthene-d10          | 19.119 | 212  | 25681    | 0.38 | ng    | 0.00      |
| 31) Terphenyl-d14             | 19.720 | 244  | 20073    | 0.41 | ng    | 0.00      |
| Target Compounds              |        |      |          |      |       |           |
| 2) 1,4-Dioxane                | 3.255  | 88   | 2770     | 0.43 | ng    | Qvalue 97 |
| 3) n-Nitrosodimethylamine     | 3.585  | 42   | 1705     | 0.34 | ng    | # 96      |
| 6) bis(2-Chloroethyl)ether    | 7.145  | 93   | 5910     | 0.44 | ng    | 95        |
| 9) Naphthalene                | 10.543 | 128  | 20725    | 0.42 | ng    | 100       |
| 10) Hexachlorobutadiene       | 10.834 | 225  | 3880     | 0.40 | ng    | # 99      |
| 12) 2-Methylnaphthalene       | 12.164 | 142  | 13802    | 0.39 | ng    | 99        |
| 16) Acenaphthylene            | 14.067 | 152  | 16722    | 0.34 | ng    | 99        |
| 17) Acenaphthene              | 14.410 | 154  | 12448    | 0.41 | ng    | 99        |
| 18) Fluorene                  | 15.399 | 166  | 15372    | 0.39 | ng    | 99        |
| 20) 4,6-Dinitro-2-methylph... | 15.475 | 198  | 927      | 0.58 | ng    | # 80      |
| 21) 4-Bromophenyl-phenylether | 16.289 | 248  | 5042     | 0.40 | ng    | # 87      |
| 22) Hexachlorobenzene         | 16.398 | 284  | 6036     | 0.46 | ng    | 99        |
| 23) Atrazine                  | 16.556 | 200  | 2932     | 0.25 | ng    | 98        |
| 24) Pentachlorophenol         | 16.739 | 266  | 1131     | 0.26 | ng    | 94        |
| 25) Phenanthrene              | 17.128 | 178  | 26027    | 0.43 | ng    | 100       |
| 26) Anthracene                | 17.214 | 178  | 21162    | 0.36 | ng    | 99        |
| 28) Fluoranthene              | 19.149 | 202  | 28236    | 0.39 | ng    | 99        |
| 30) Pyrene                    | 19.511 | 202  | 28218    | 0.41 | ng    | 100       |
| 32) Benzo(a)anthracene        | 21.250 | 228  | 23609    | 0.35 | ng    | 100       |
| 33) Chrysene                  | 21.303 | 228  | 28727    | 0.43 | ng    | 97        |
| 34) Bis(2-ethylhexyl)phtha... | 21.186 | 149  | 6743     | 0.21 | ng    | 98        |
| 35) Indeno(1,2,3-cd)pyrene    | 25.718 | 276  | 30558    | 0.38 | ng    | 99        |
| 37) Benzo(b)fluoranthene      | 22.818 | 252  | 28035    | 0.45 | ng    | 96        |
| 38) Benzo(k)fluoranthene      | 22.863 | 252  | 28594    | 0.47 | ng    | # 94      |
| 39) Benzo(a)pyrene            | 23.390 | 252  | 23811    | 0.42 | ng    | 95        |
| 40) Dibenzo(a,h)anthracene    | 25.731 | 278  | 25606    | 0.43 | ng    | 98        |
| 41) Benzo(g,h,i)perylene      | 26.395 | 276  | 27563    | 0.46 | ng    | 98        |

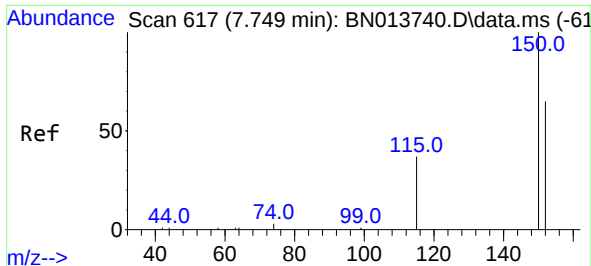
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Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN031021\  
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Sample : PB135077BS  
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Mar 08 10:32:09 2021  
Response via : Initial Calibration

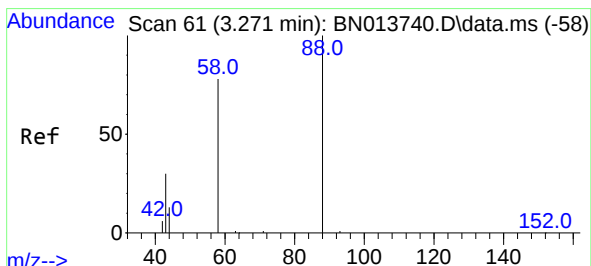
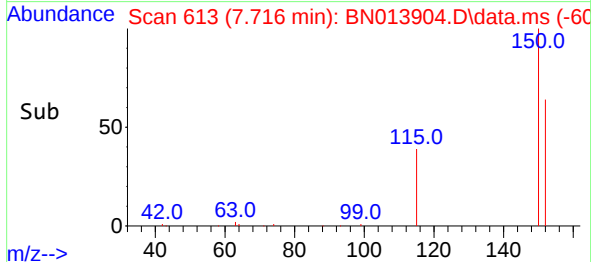
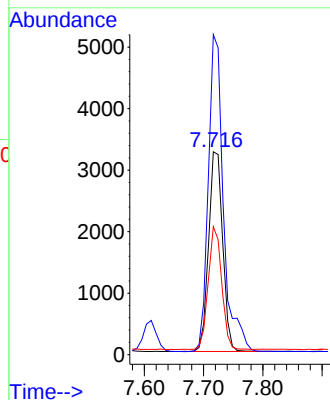
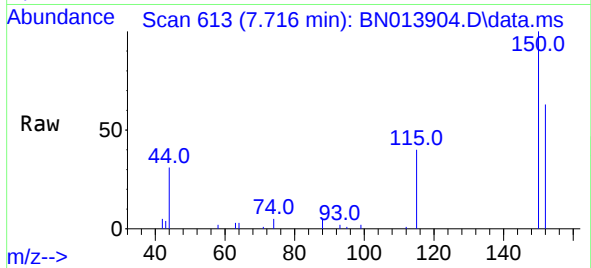




#1  
1,4-Dichlorobenzene-d4  
Concen: 0.40 ng  
RT: 7.716 min Scan# 613  
Delta R.T. -0.008 min  
Lab File: BN013904.D  
Acq: 10 Mar 2021 13:21

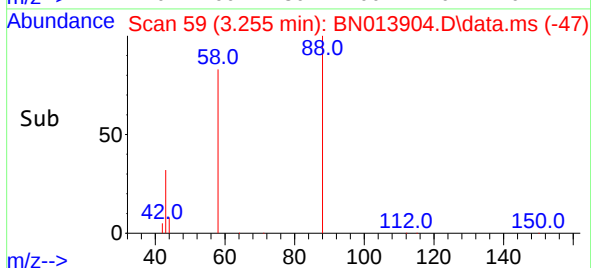
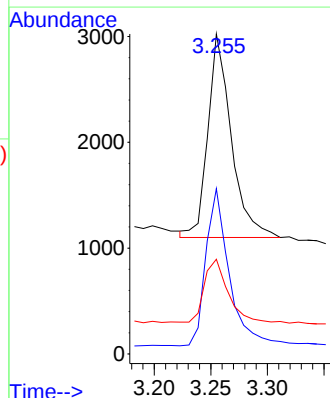
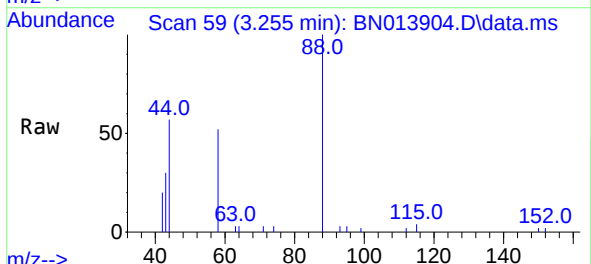
Instrument :  
BNA\_N  
ClientSampleId :  
PB135077BS

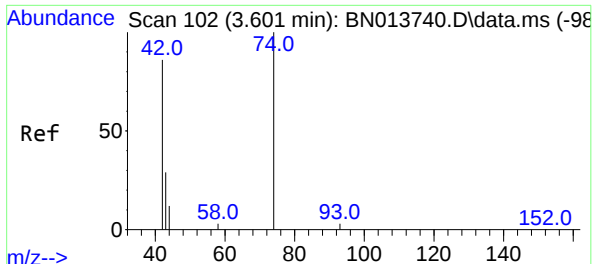
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Ion Ratio Lower Upper  
152 100  
150 157.7 121.8 182.8  
115 63.1 46.6 69.8



#2  
1,4-Dioxane  
Concen: 0.43 ng  
RT: 3.255 min Scan# 59  
Delta R.T. 0.000 min  
Lab File: BN013904.D  
Acq: 10 Mar 2021 13:21

Tgt Ion: 88 Resp: 2770  
Ion Ratio Lower Upper  
88 100  
58 77.2 64.6 96.8  
43 32.3 26.6 40.0

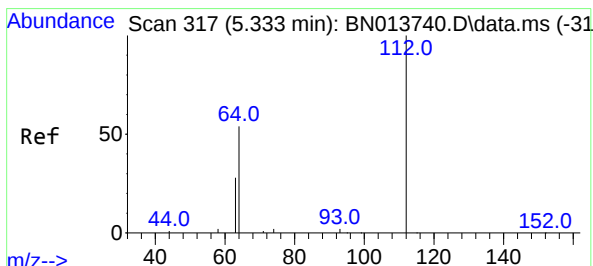
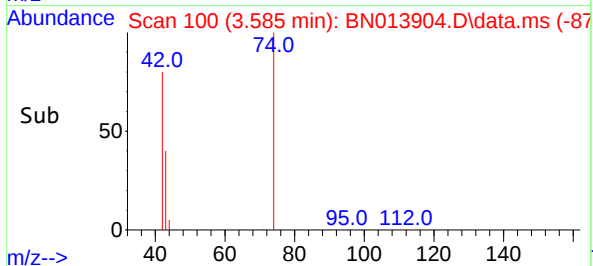
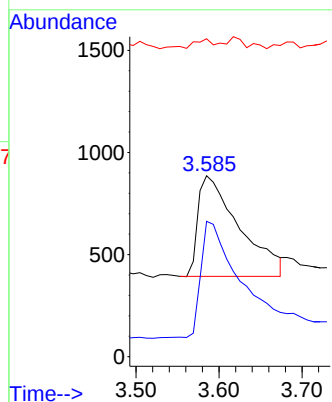
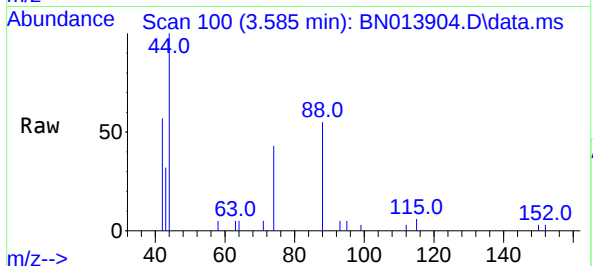




#3  
n-Nitrosodimethylamine  
Concen: 0.34 ng  
RT: 3.585 min Scan# 100  
Delta R.T. 0.008 min  
Lab File: BN013904.D  
Acq: 10 Mar 2021 13:21

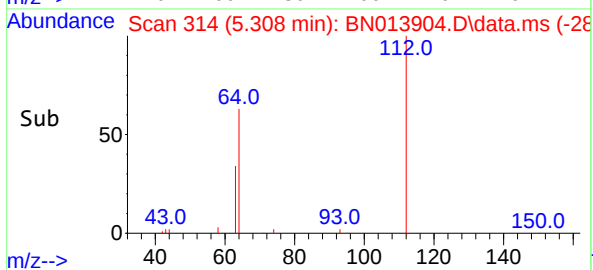
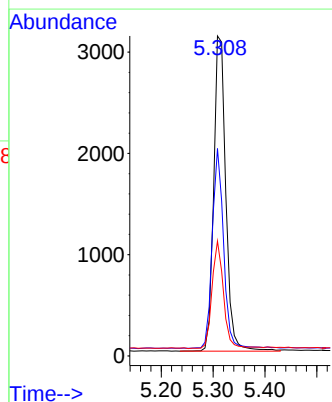
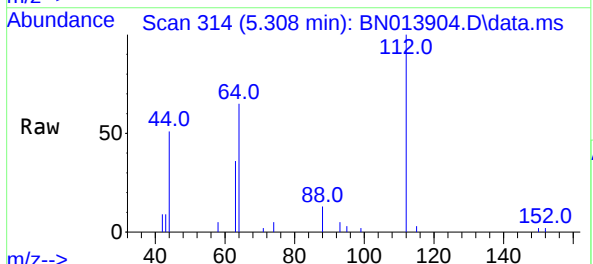
Instrument :  
BNA\_N  
ClientSampleId :  
PB135077BS

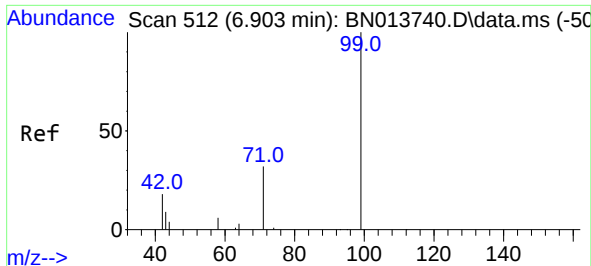
Tgt Ion: 42 Resp: 1705  
Ion Ratio Lower Upper  
42 100  
74 114.4 95.0 142.6  
44 4.7 5.8 8.8#



#4  
2-Fluorophenol  
Concen: 0.35 ng  
RT: 5.308 min Scan# 314  
Delta R.T. 0.000 min  
Lab File: BN013904.D  
Acq: 10 Mar 2021 13:21

Tgt Ion: 112 Resp: 5037  
Ion Ratio Lower Upper  
112 100  
64 59.2 44.3 66.5  
63 32.1 23.0 34.6

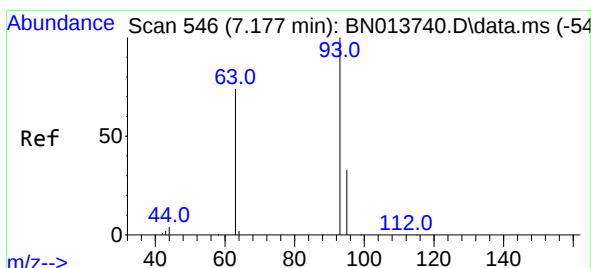
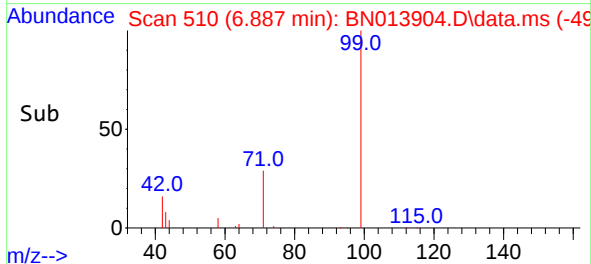
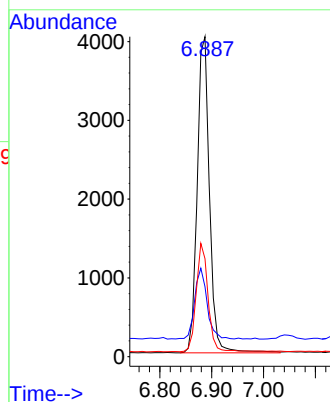
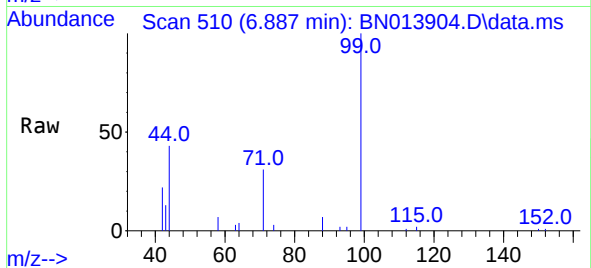




#5  
Phenol-d6  
Concen: 0.35 ng  
RT: 6.887 min Scan# 510  
Delta R.T. 0.008 min  
Lab File: BN013904.D  
Acq: 10 Mar 2021 13:21

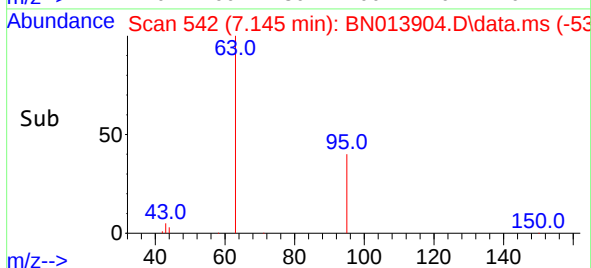
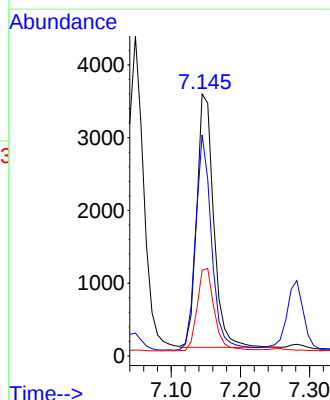
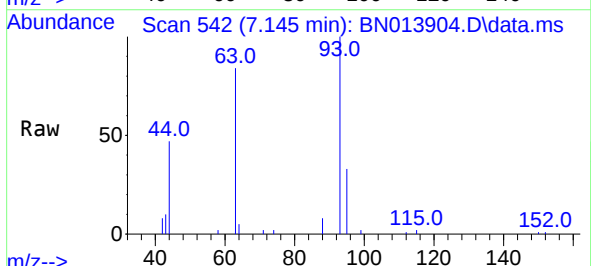
Instrument :  
BNA\_N  
ClientSampleId :  
PB135077BS

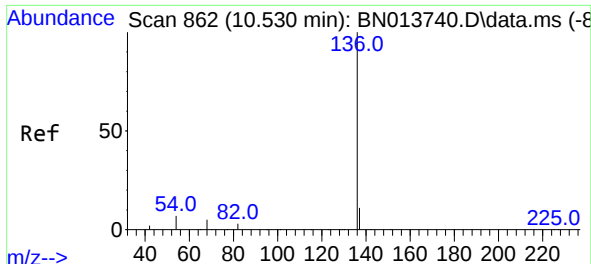
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|----------|-------|-------|-------|
| Tgt Ion: | 99    | Resp: | 6596  |
| Ion      | Ratio | Lower | Upper |
| 99       | 100   |       |       |
| 42       | 22.5  | 15.2  | 22.8  |
| 71       | 32.9  | 26.1  | 39.1  |



#6  
bis(2-Chloroethyl)ether  
Concen: 0.44 ng  
RT: 7.145 min Scan# 542  
Delta R.T. 0.000 min  
Lab File: BN013904.D  
Acq: 10 Mar 2021 13:21

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 93    | Resp: | 5910  |
| Ion      | Ratio | Lower | Upper |
| 93       | 100   |       |       |
| 63       | 81.5  | 60.8  | 91.2  |
| 95       | 33.4  | 26.0  | 39.0  |

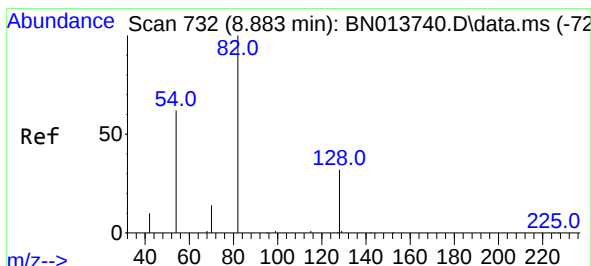
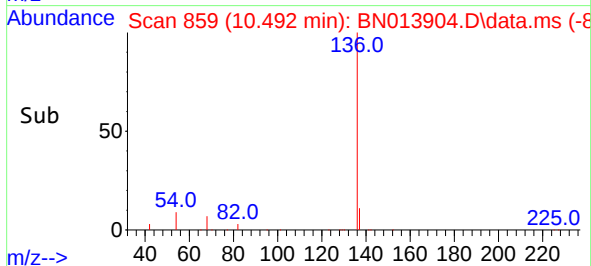
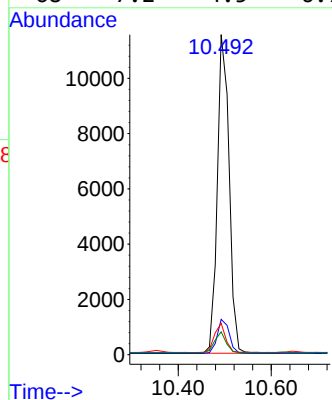
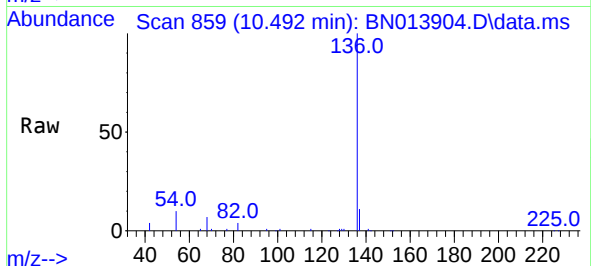




#7  
Naphthalene-d8  
Concen: 0.40 ng  
RT: 10.492 min Scan# 859  
Delta R.T. -0.013 min  
Lab File: BN013904.D  
Acq: 10 Mar 2021 13:21

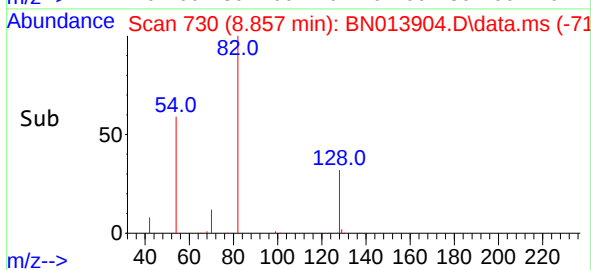
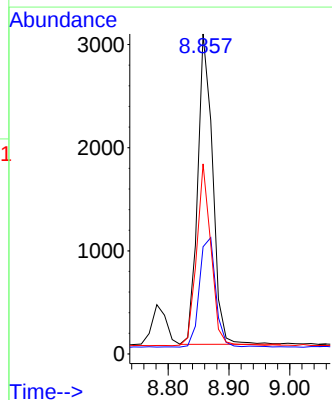
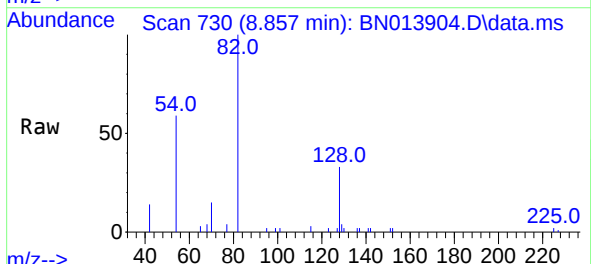
Instrument :  
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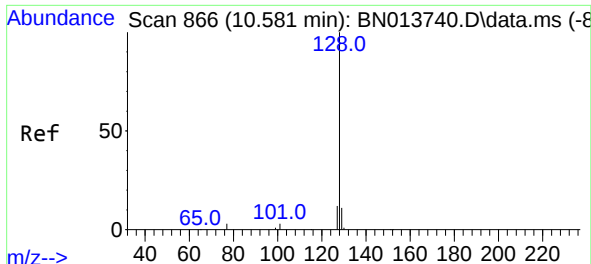
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|-----------|-------|-------|-------|
| Tgt Ion:  | 136   | Resp: | 20314 |
| Ion Ratio | Lower | Upper |       |
| 136       | 100   |       |       |
| 137       | 11.1  | 9.0   | 13.6  |
| 54        | 9.8   | 6.4   | 9.6#  |
| 68        | 7.2   | 4.5   | 6.7#  |



#8  
Nitrobenzene-d5  
Concen: 0.40 ng  
RT: 8.857 min Scan# 730  
Delta R.T. 0.000 min  
Lab File: BN013904.D  
Acq: 10 Mar 2021 13:21

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 82    | Resp: | 5170  |
| Ion Ratio | Lower | Upper |       |
| 82        | 100   |       |       |
| 128       | 33.5  | 39.2  | 58.8# |
| 54        | 59.4  | 40.1  | 60.1  |

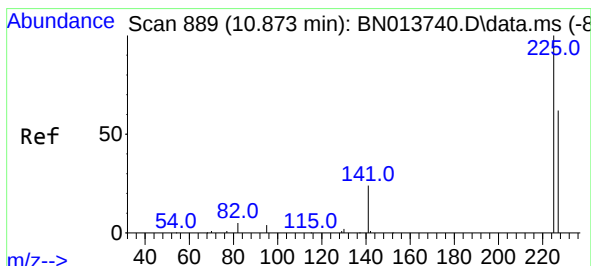
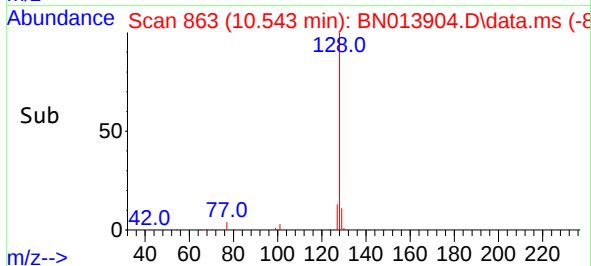
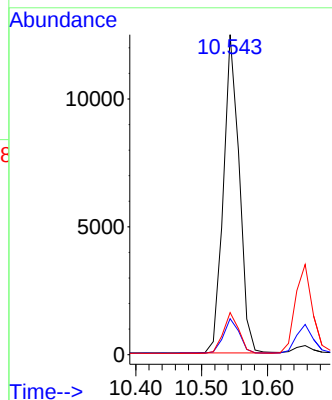
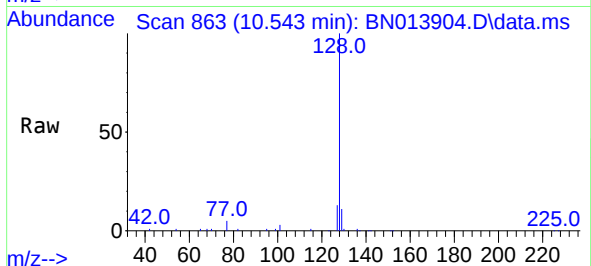




#9  
Naphthalene  
Concen: 0.42 ng  
RT: 10.543 min Scan# 863  
Delta R.T. 0.000 min  
Lab File: BN013904.D  
Acq: 10 Mar 2021 13:21

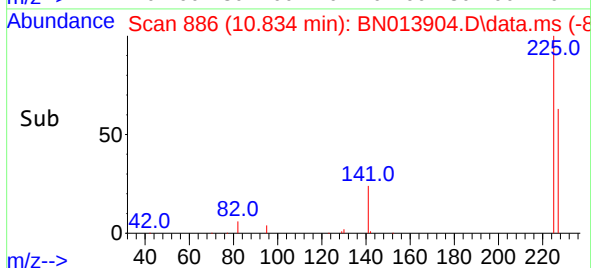
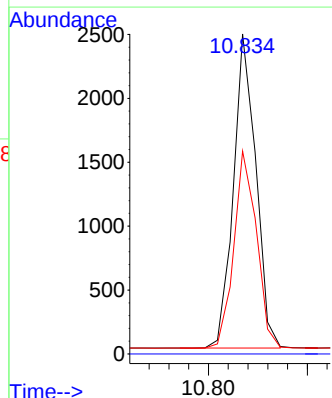
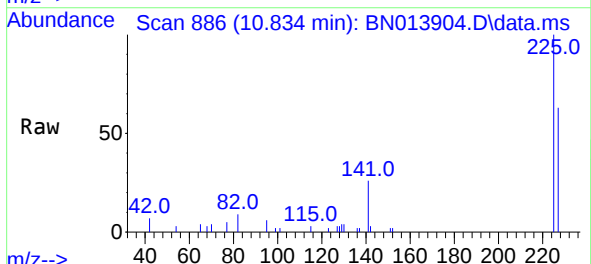
Instrument :  
BNA\_N  
ClientSampleId :  
PB135077BS

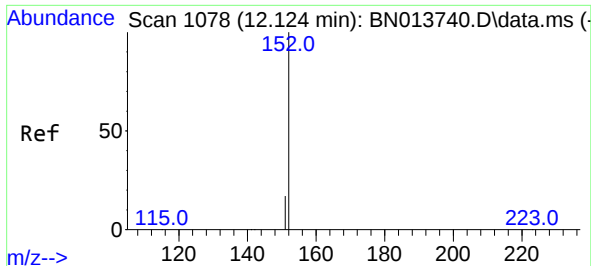
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| Tgt Ion: | 128   | Resp: | 20725 |
| Ion      | Ratio | Lower | Upper |
| 128      | 100   |       |       |
| 129      | 11.3  | 9.0   | 13.4  |
| 127      | 13.2  | 10.4  | 15.6  |



#10  
Hexachlorobutadiene  
Concen: 0.40 ng  
RT: 10.834 min Scan# 886  
Delta R.T. 0.000 min  
Lab File: BN013904.D  
Acq: 10 Mar 2021 13:21

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 225   | Resp: | 3880  |
| Ion      | Ratio | Lower | Upper |
| 225      | 100   |       |       |
| 223      | 0.0   | 0.0   | 0.0   |
| 227      | 63.5  | 51.2  | 76.8  |

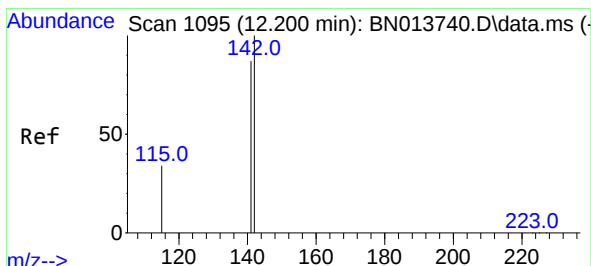
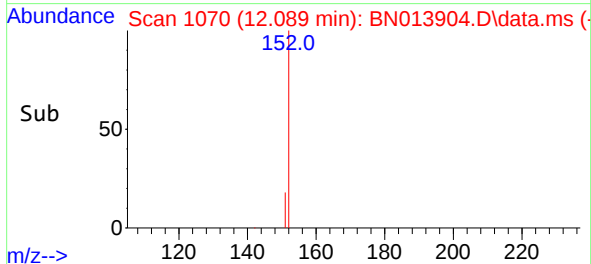
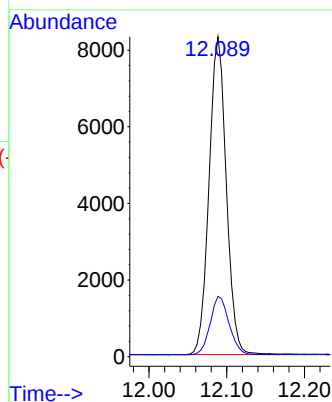
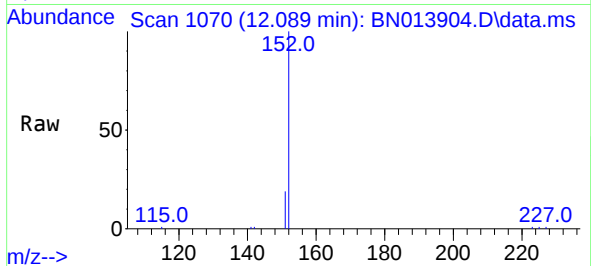




#11  
2-Methylnaphthalene-d10  
Concen: 0.39 ng  
RT: 12.089 min Scan# 1070  
Delta R.T. -0.004 min  
Lab File: BN013904.D  
Acq: 10 Mar 2021 13:21

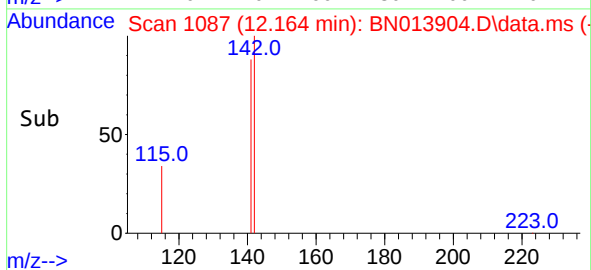
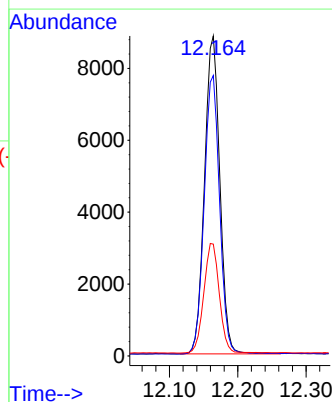
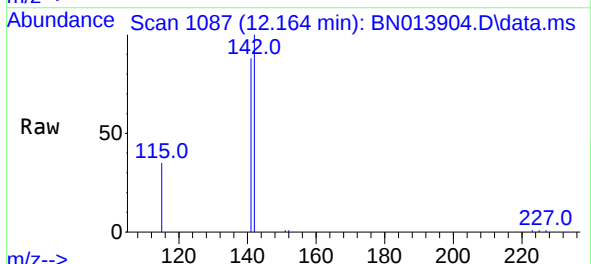
Instrument :  
BNA\_N  
ClientSampleId :  
PB135077BS

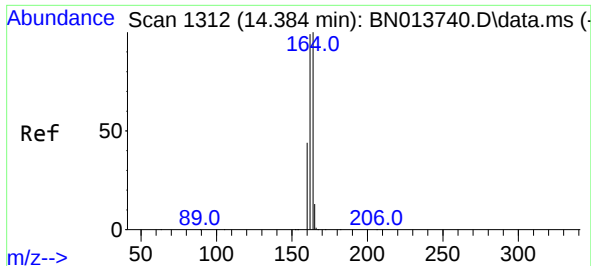
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Ion Ratio Lower Upper  
152 100  
151 20.0 16.2 24.2



#12  
2-Methylnaphthalene  
Concen: 0.39 ng  
RT: 12.164 min Scan# 1087  
Delta R.T. 0.000 min  
Lab File: BN013904.D  
Acq: 10 Mar 2021 13:21

Tgt Ion:142 Resp: 13802  
Ion Ratio Lower Upper  
142 100  
141 87.7 70.5 105.7  
115 35.0 27.4 41.0

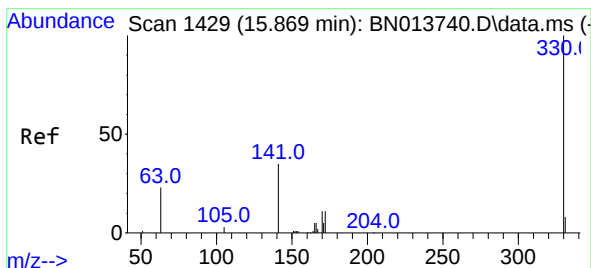
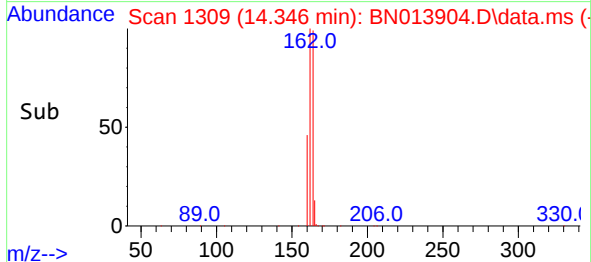
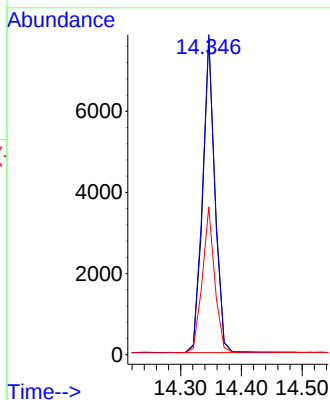
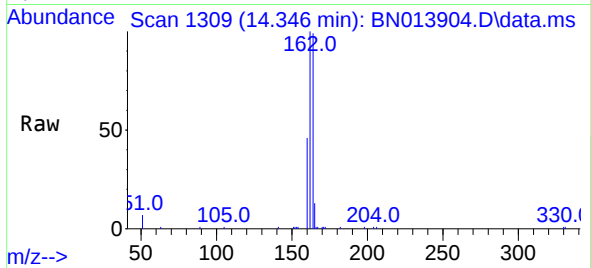




#13  
Acenaphthene-d10  
Concen: 0.40 ng  
RT: 14.346 min Scan# 1309  
Delta R.T. 0.000 min  
Lab File: BN013904.D  
Acq: 10 Mar 2021 13:21

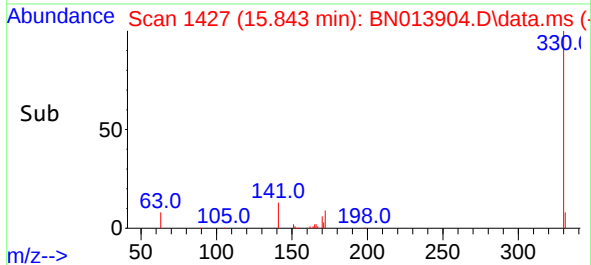
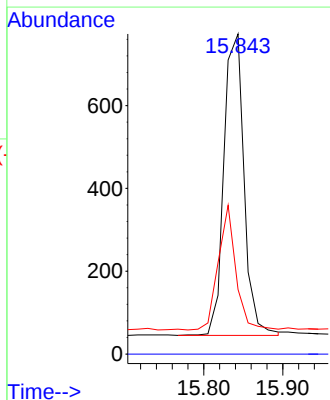
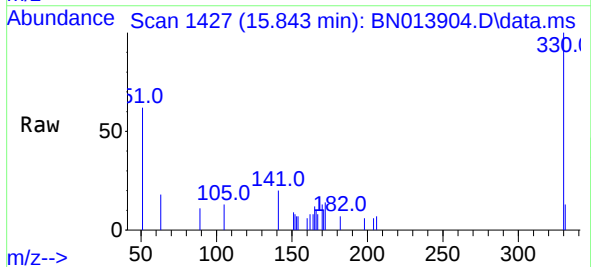
Instrument :  
BNA\_N  
ClientSampleId :  
PB135077BS

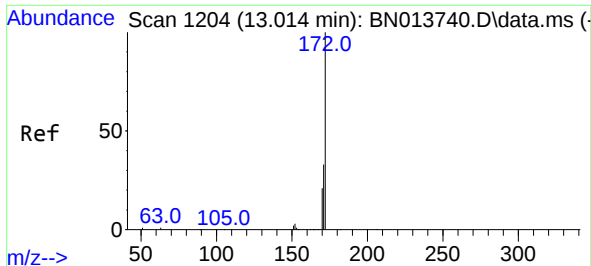
Tgt Ion:164 Resp: 10870  
Ion Ratio Lower Upper  
164 100  
162 101.1 79.6 119.4  
160 46.7 36.0 54.0



#14  
2,4,6-Tribromophenol  
Concen: 0.29 ng  
RT: 15.843 min Scan# 1427  
Delta R.T. 0.000 min  
Lab File: BN013904.D  
Acq: 10 Mar 2021 13:21

Tgt Ion:330 Resp: 1293  
Ion Ratio Lower Upper  
330 100  
332 0.0 0.0 0.0  
141 36.1 26.8 40.2

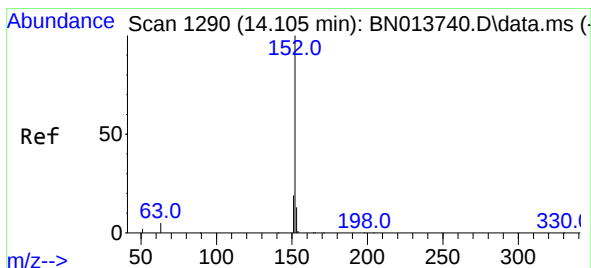
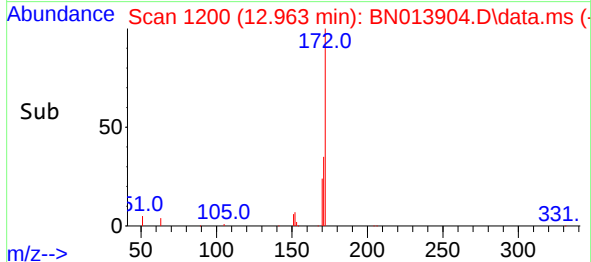
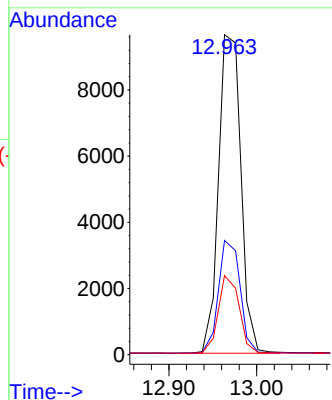
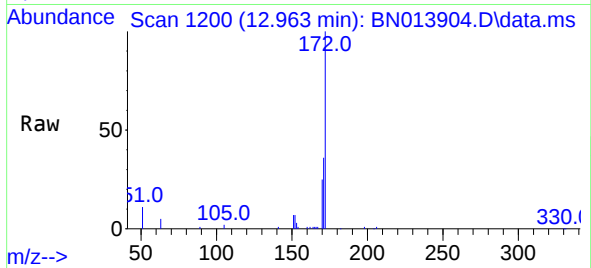




#15  
2-Fluorobiphenyl  
Concen: 0.44 ng  
RT: 12.963 min Scan# 1200  
Delta R.T. -0.013 min  
Lab File: BN013904.D  
Acq: 10 Mar 2021 13:21

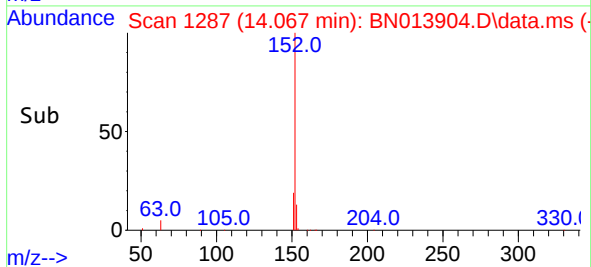
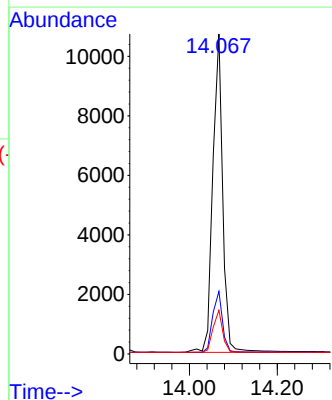
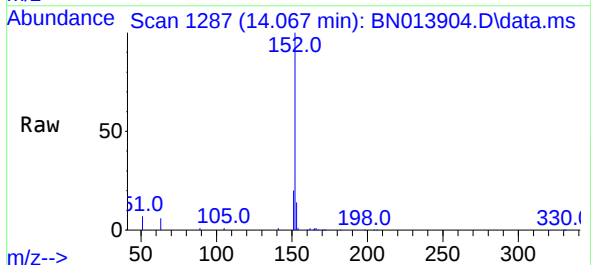
Instrument :  
BNA\_N  
ClientSampleId :  
PB135077BS

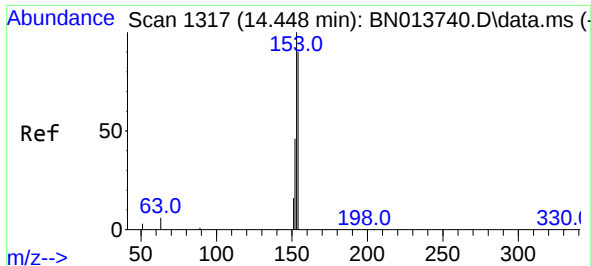
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 172   | Resp: | 17088 |
| Ion Ratio | Lower | Upper |       |
| 172       | 100   |       |       |
| 171       | 35.7  | 28.6  | 42.8  |
| 170       | 24.7  | 18.9  | 28.3  |



#16  
Acenaphthylene  
Concen: 0.34 ng  
RT: 14.067 min Scan# 1287  
Delta R.T. 0.000 min  
Lab File: BN013904.D  
Acq: 10 Mar 2021 13:21

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 152   | Resp: | 16722 |
| Ion Ratio | Lower | Upper |       |
| 152       | 100   |       |       |
| 151       | 19.3  | 15.7  | 23.5  |
| 153       | 12.9  | 10.5  | 15.7  |

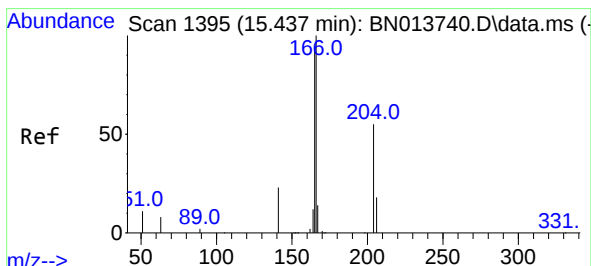
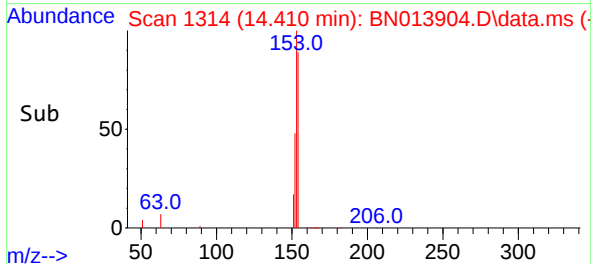
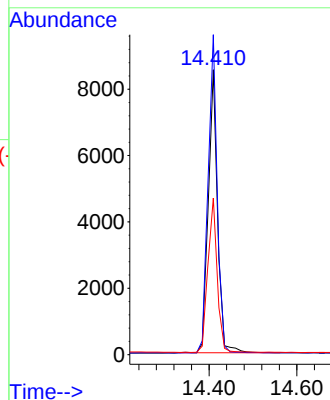
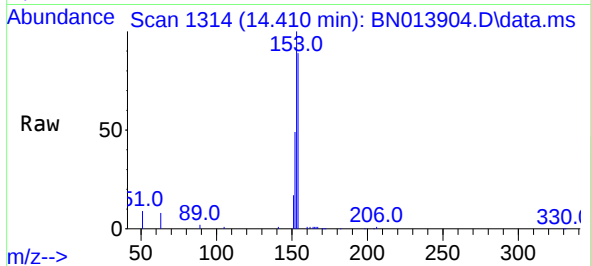




#17  
Acenaphthene  
Concen: 0.41 ng  
RT: 14.410 min Scan# 1314  
Delta R.T. 0.000 min  
Lab File: BN013904.D  
Acq: 10 Mar 2021 13:21

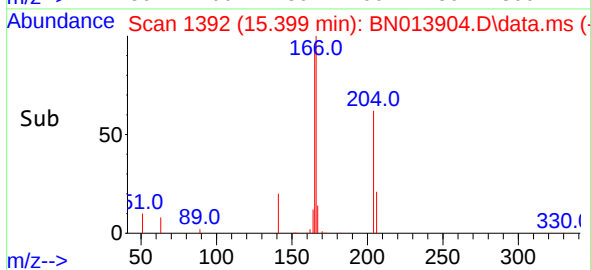
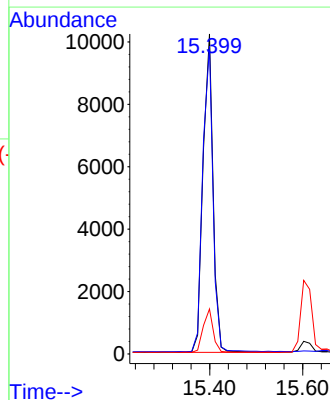
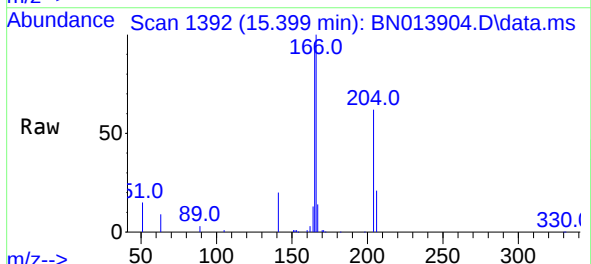
Instrument :  
BNA\_N  
ClientSampleId :  
PB135077BS

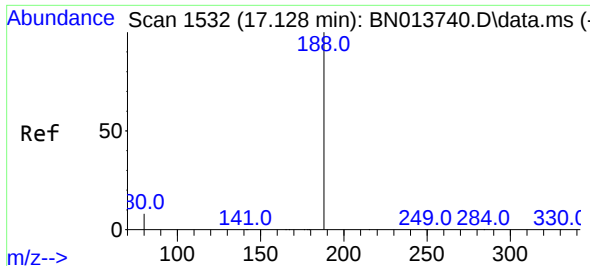
Tgt Ion:154 Resp: 12448  
Ion Ratio Lower Upper  
154 100  
153 110.9 88.4 132.6  
152 55.0 43.0 64.4



#18  
Fluorene  
Concen: 0.39 ng  
RT: 15.399 min Scan# 1392  
Delta R.T. 0.000 min  
Lab File: BN013904.D  
Acq: 10 Mar 2021 13:21

Tgt Ion:166 Resp: 15372  
Ion Ratio Lower Upper  
166 100  
165 98.1 77.8 116.8  
167 13.5 10.6 16.0

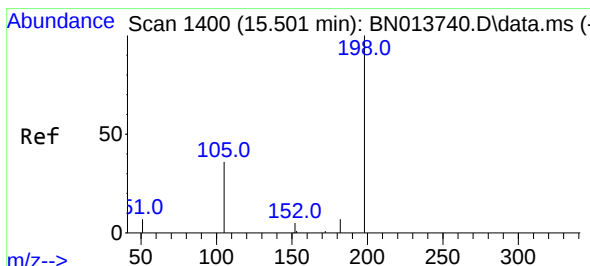
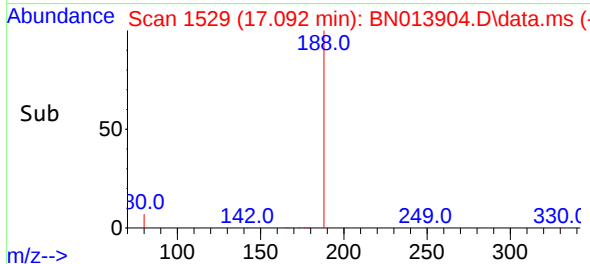
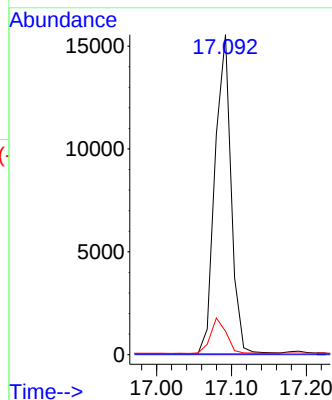
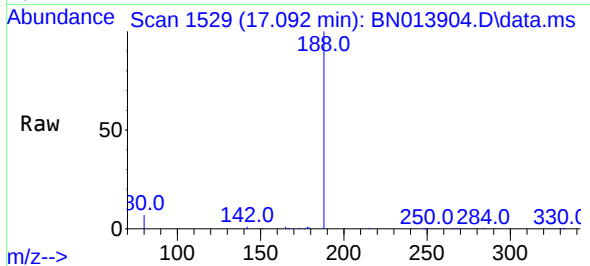




#19  
Phenanthrene-d10  
Concen: 0.40 ng  
RT: 17.092 min Scan# 1529  
Delta R.T. 0.001 min  
Lab File: BN013904.D  
Acq: 10 Mar 2021 13:21

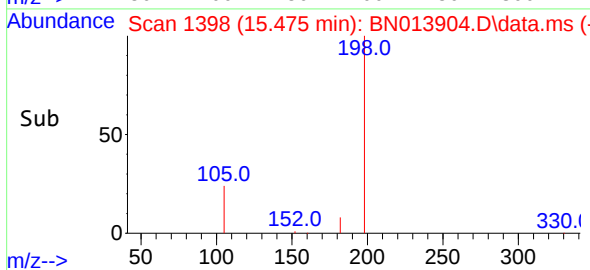
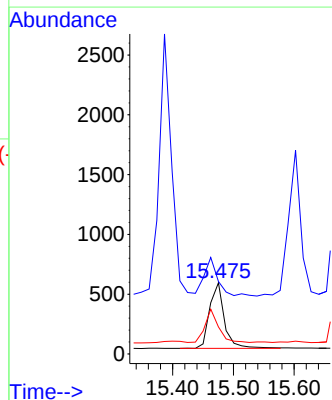
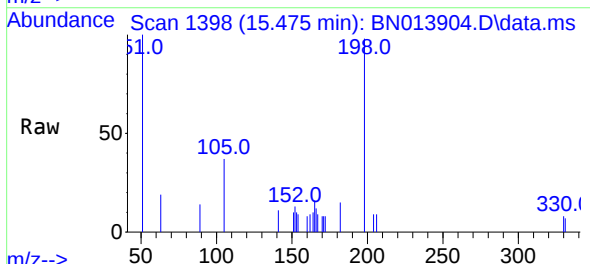
Instrument :  
BNA\_N  
ClientSampleId :  
PB135077BS

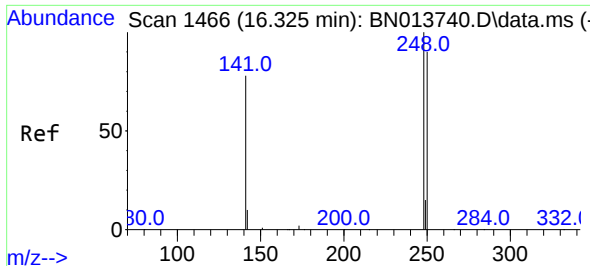
Tgt Ion:188 Resp: 23097  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 7.3 9.0 13.6#



#20  
4,6-Dinitro-2-methylphenol  
Concen: 0.58 ng  
RT: 15.475 min Scan# 1398  
Delta R.T. 0.000 min  
Lab File: BN013904.D  
Acq: 10 Mar 2021 13:21

Tgt Ion:198 Resp: 927  
Ion Ratio Lower Upper  
198 100  
51 101.8 61.7 92.5#  
105 38.2 33.0 49.6

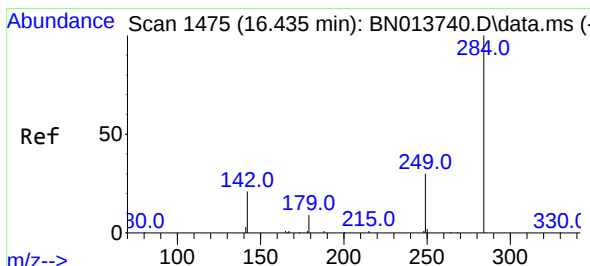
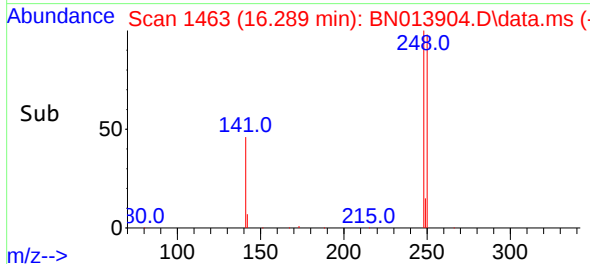
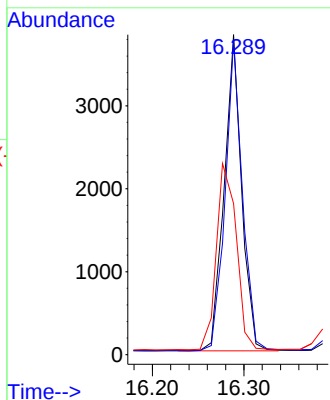
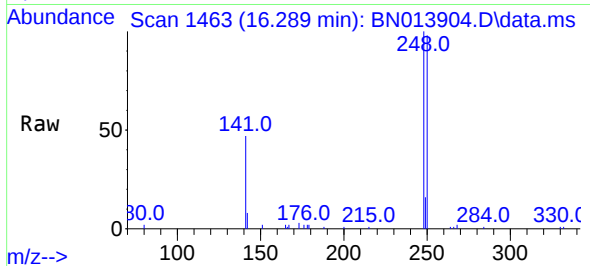




#21  
4-Bromophenyl-phenylether  
Concen: 0.40 ng  
RT: 16.289 min Scan# 1463  
Delta R.T. 0.001 min  
Lab File: BN013904.D  
Acq: 10 Mar 2021 13:21

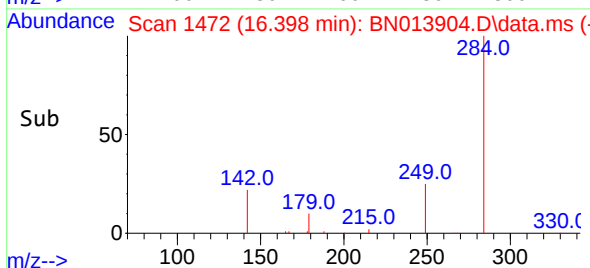
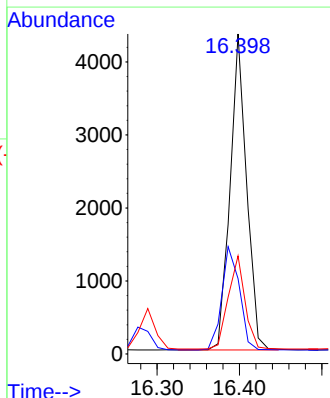
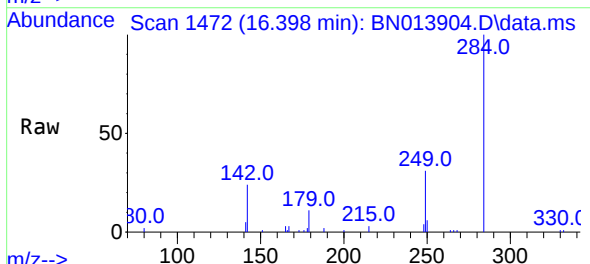
Instrument :  
BNA\_N  
ClientSampled :  
PB135077BS

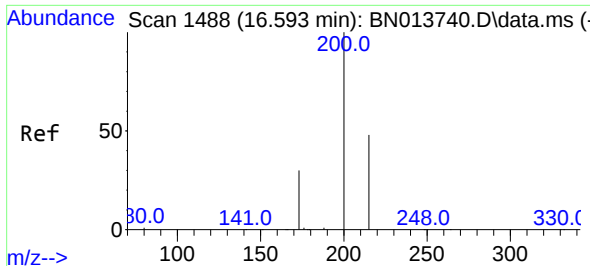
Tgt Ion:248 Resp: 5042  
Ion Ratio Lower Upper  
248 100  
250 98.2 75.5 113.3  
141 47.3 53.8 80.8#



#22  
Hexachlorobenzene  
Concen: 0.46 ng  
RT: 16.398 min Scan# 1472  
Delta R.T. 0.001 min  
Lab File: BN013904.D  
Acq: 10 Mar 2021 13:21

Tgt Ion:284 Resp: 6036  
Ion Ratio Lower Upper  
284 100  
142 34.7 27.9 41.9  
249 29.8 24.2 36.2

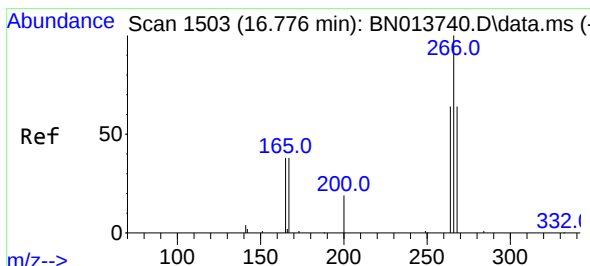
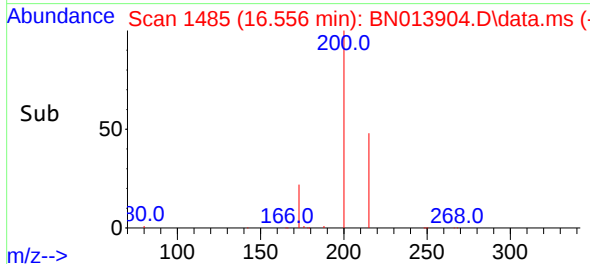
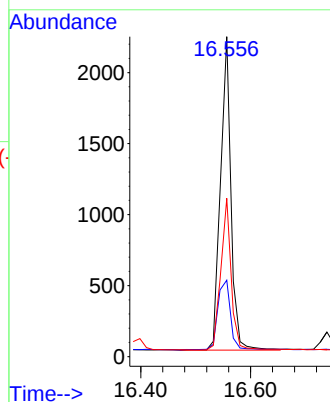
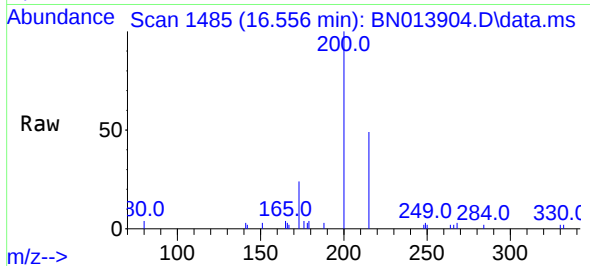




#23  
Atrazine  
Concen: 0.25 ng  
RT: 16.556 min Scan# 1485  
Delta R.T. 0.001 min  
Lab File: BN013904.D  
Acq: 10 Mar 2021 13:21

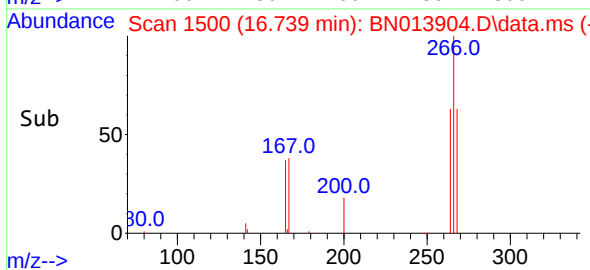
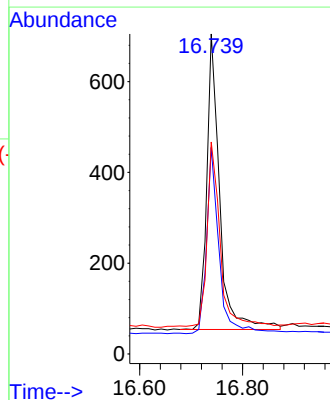
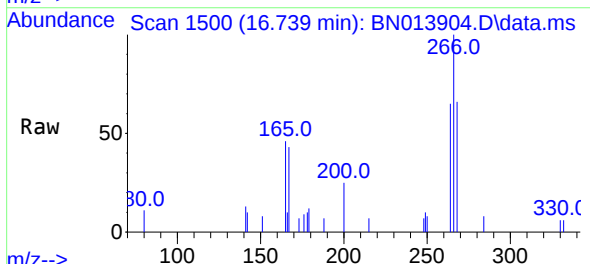
Instrument :  
BNA\_N  
ClientSampleId :  
PB135077BS

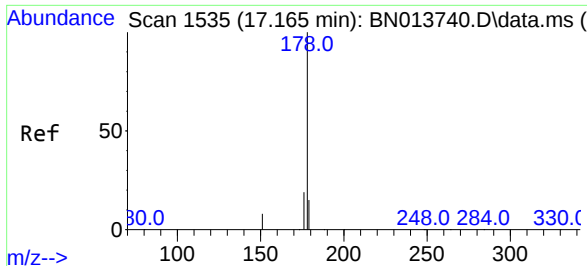
|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 200   | Resp: | 2932 |
| Ion Ratio | Lower | Upper |      |
| 200       | 100   |       |      |
| 173       | 23.9  | 18.6  | 28.0 |
| 215       | 49.5  | 41.0  | 61.6 |



#24  
Pentachlorophenol  
Concen: 0.26 ng  
RT: 16.739 min Scan# 1500  
Delta R.T. 0.001 min  
Lab File: BN013904.D  
Acq: 10 Mar 2021 13:21

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 266   | Resp: | 1131 |
| Ion Ratio | Lower | Upper |      |
| 266       | 100   |       |      |
| 264       | 61.4  | 51.6  | 77.4 |
| 268       | 62.1  | 54.6  | 82.0 |

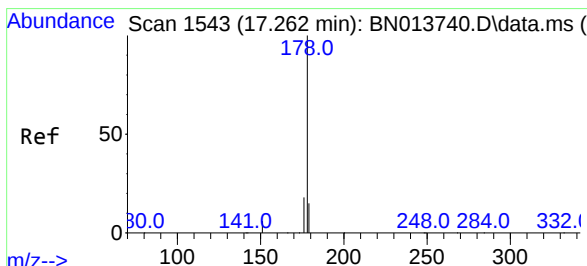
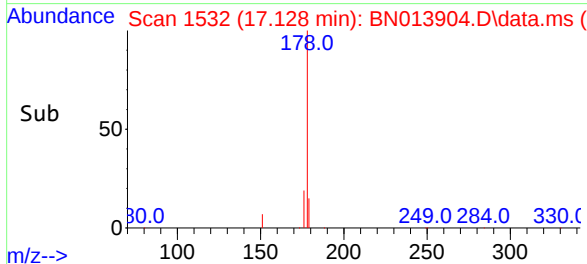
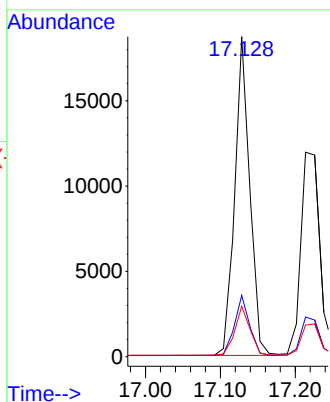
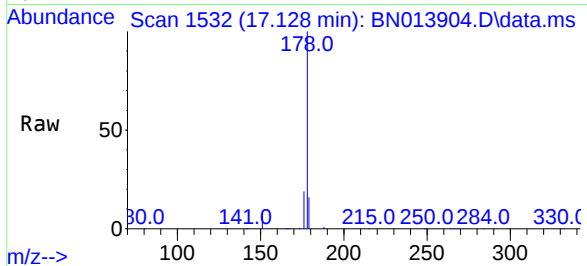




#25  
Phenanthrene  
Concen: 0.43 ng  
RT: 17.128 min Scan# 1532  
Delta R.T. 0.001 min  
Lab File: BN013904.D  
Acq: 10 Mar 2021 13:21

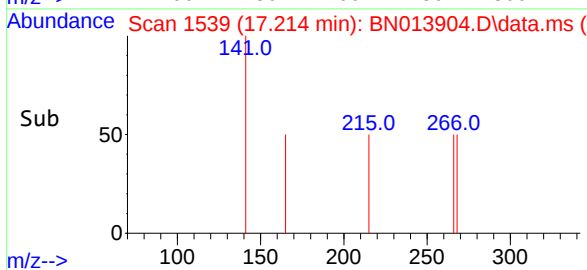
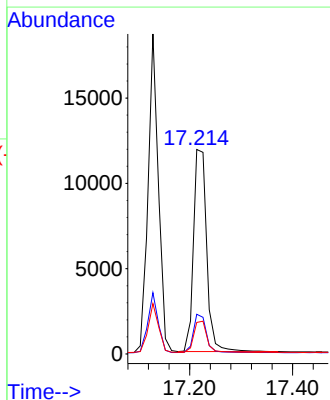
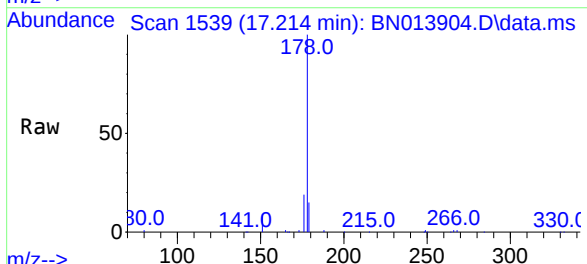
Instrument :  
BNA\_N  
ClientSampleId :  
PB135077BS

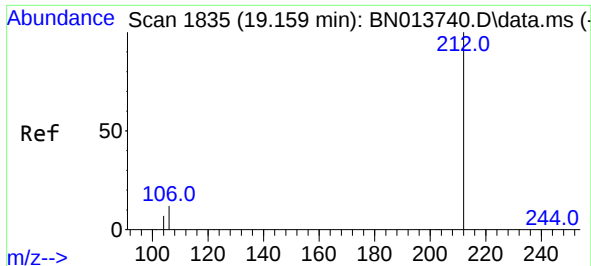
|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:178 | Resp: | 26027     |
| Ion Ratio   | Lower | Upper     |
| 178         | 100   |           |
| 176         | 18.9  | 15.0 22.4 |
| 179         | 15.5  | 12.3 18.5 |



#26  
Anthracene  
Concen: 0.36 ng  
RT: 17.214 min Scan# 1539  
Delta R.T. -0.012 min  
Lab File: BN013904.D  
Acq: 10 Mar 2021 13:21

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:178 | Resp: | 21162     |
| Ion Ratio   | Lower | Upper     |
| 178         | 100   |           |
| 176         | 18.4  | 14.6 21.8 |
| 179         | 15.6  | 12.2 18.2 |

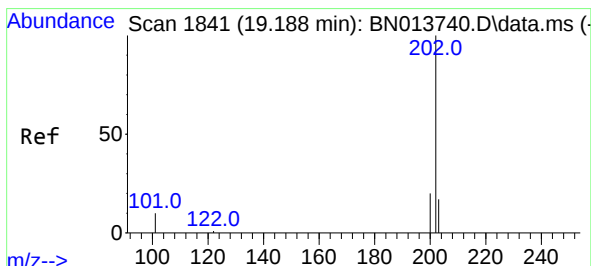
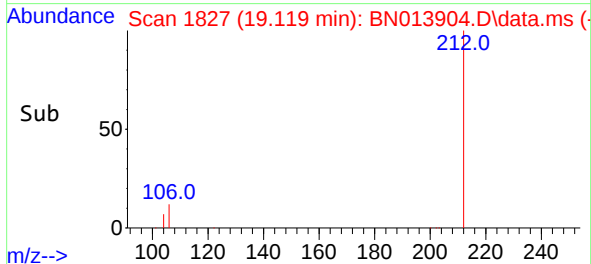
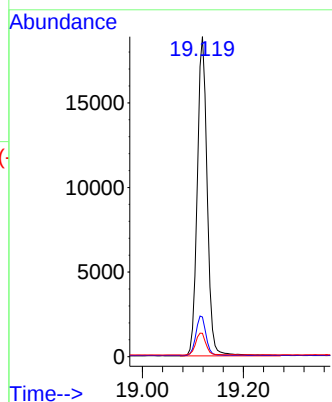
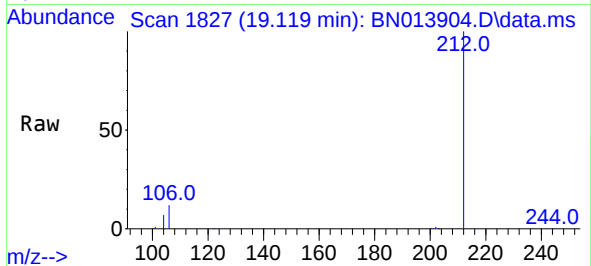




#27  
Fluoranthene-d10  
Concen: 0.38 ng  
RT: 19.119 min Scan# 1827  
Delta R.T. -0.002 min  
Lab File: BN013904.D  
Acq: 10 Mar 2021 13:21

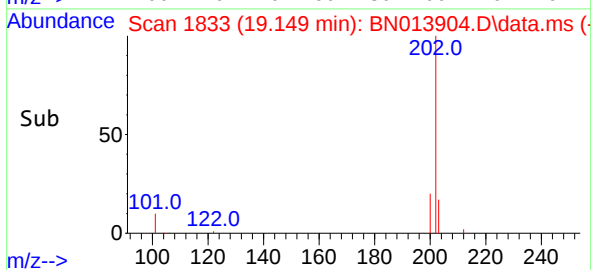
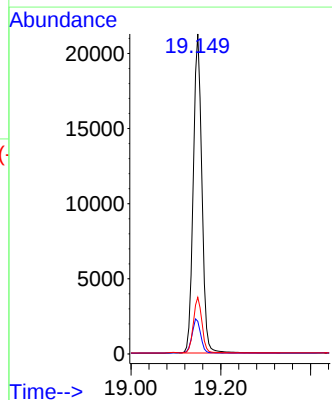
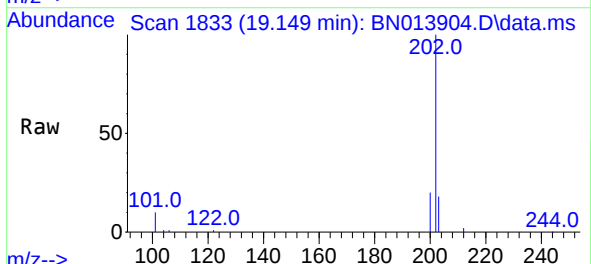
Instrument :  
BNA\_N  
ClientSampleId :  
PB135077BS

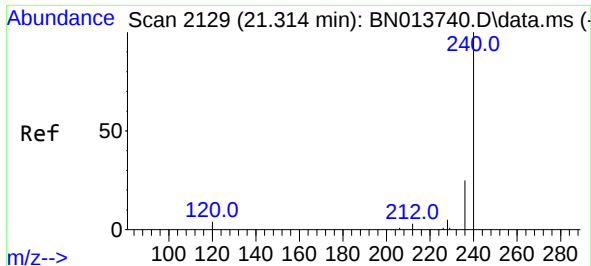
Tgt Ion:212 Resp: 25681  
Ion Ratio Lower Upper  
212 100  
106 12.5 9.7 14.5  
104 7.1 5.5 8.3



#28  
Fluoranthene  
Concen: 0.39 ng  
RT: 19.149 min Scan# 1833  
Delta R.T. -0.002 min  
Lab File: BN013904.D  
Acq: 10 Mar 2021 13:21

Tgt Ion:202 Resp: 28236  
Ion Ratio Lower Upper  
202 100  
101 10.9 8.1 12.1  
203 17.2 13.9 20.9

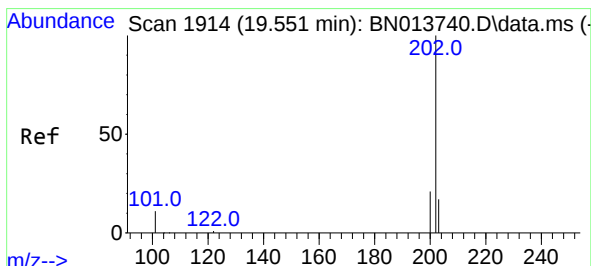
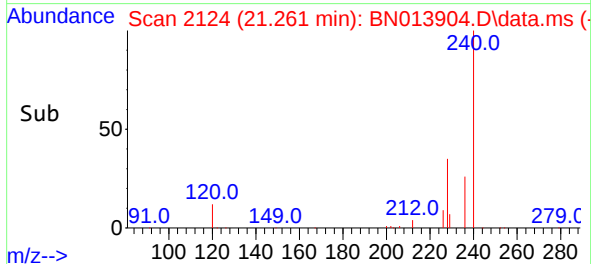
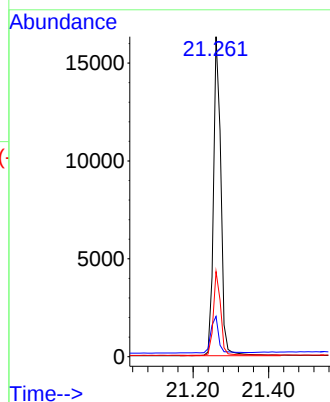
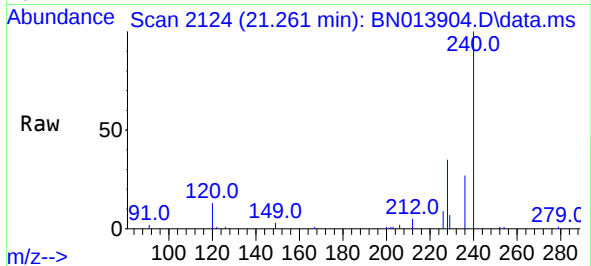




#29  
Chrysene-d12  
Concen: 0.40 ng  
RT: 21.261 min Scan# 2124  
Delta R.T. -0.008 min  
Lab File: BN013904.D  
Acq: 10 Mar 2021 13:21

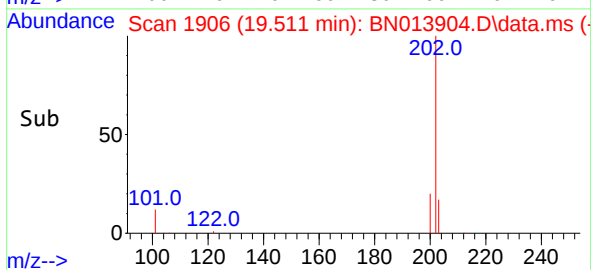
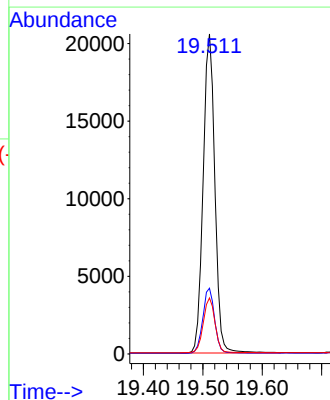
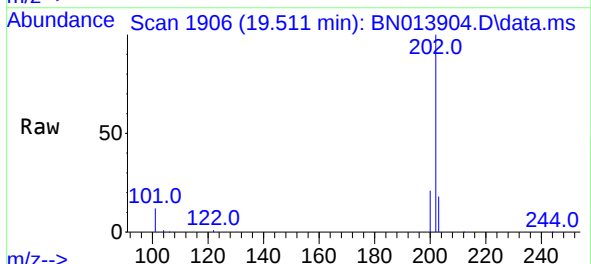
Instrument :  
BNA\_N  
ClientSampleId :  
PB135077BS

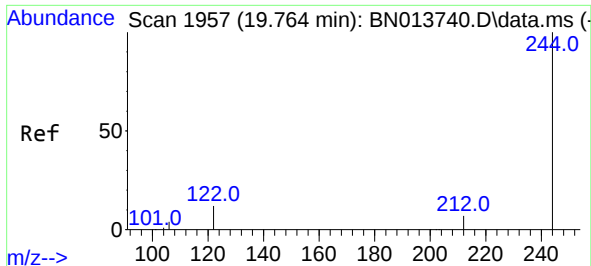
|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:240 | Resp: | 22197     |
| Ion Ratio   | Lower | Upper     |
| 240         | 100   |           |
| 120         | 12.6  | 10.2 15.4 |
| 236         | 26.6  | 21.3 31.9 |



#30  
Pyrene  
Concen: 0.41 ng  
RT: 19.511 min Scan# 1906  
Delta R.T. -0.002 min  
Lab File: BN013904.D  
Acq: 10 Mar 2021 13:21

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:202 | Resp: | 28218     |
| Ion Ratio   | Lower | Upper     |
| 202         | 100   |           |
| 200         | 20.5  | 16.3 24.5 |
| 203         | 17.5  | 14.0 21.0 |

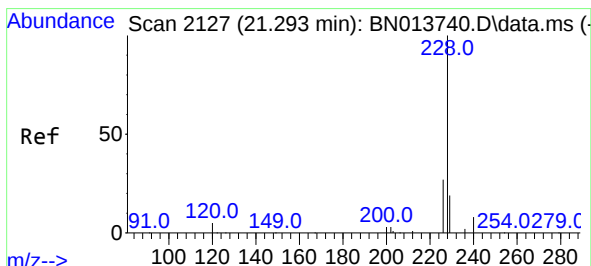
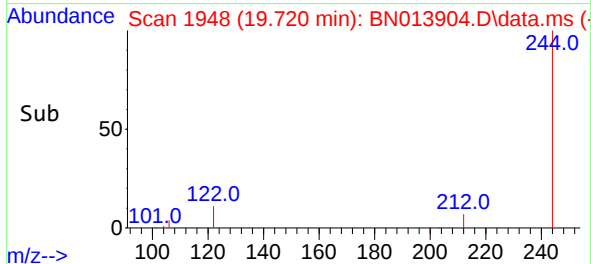
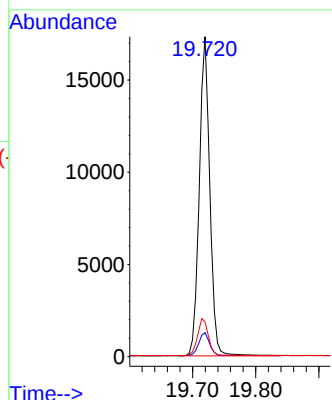
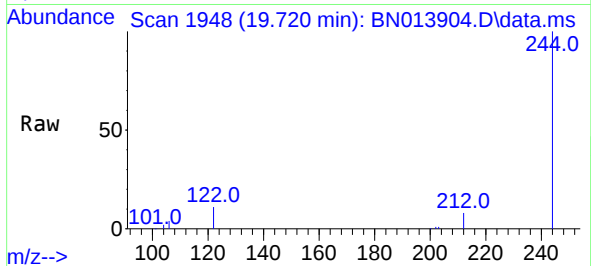




#31  
Terphenyl-d14  
Concen: 0.41 ng  
RT: 19.720 min Scan# 1948  
Delta R.T. -0.002 min  
Lab File: BN013904.D  
Acq: 10 Mar 2021 13:21

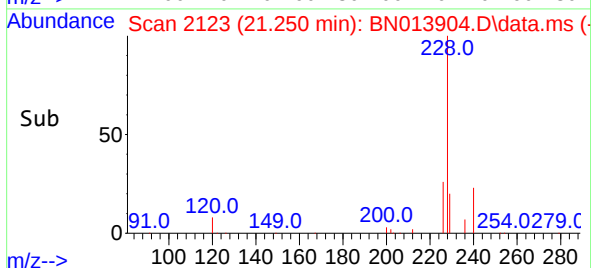
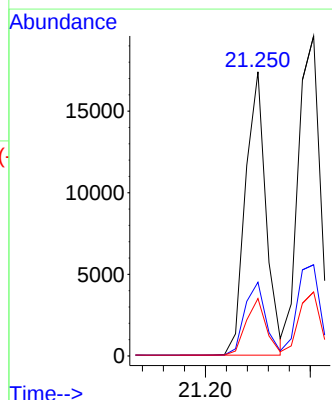
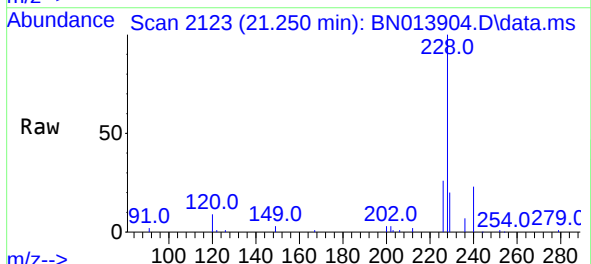
Instrument :  
BNA\_N  
ClientSampleId :  
PB135077BS

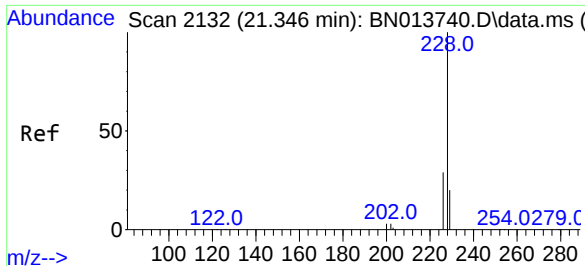
Tgt Ion:244 Resp: 20073  
Ion Ratio Lower Upper  
244 100  
212 7.5 6.1 9.1  
122 10.9 9.8 14.8



#32  
Benzo(a)anthracene  
Concen: 0.35 ng  
RT: 21.250 min Scan# 2123  
Delta R.T. 0.003 min  
Lab File: BN013904.D  
Acq: 10 Mar 2021 13:21

Tgt Ion:228 Resp: 23609  
Ion Ratio Lower Upper  
228 100  
226 25.9 20.5 30.7  
229 20.2 16.2 24.4



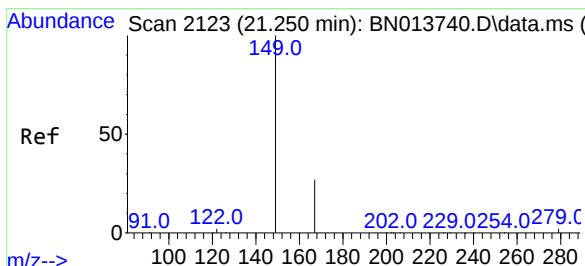
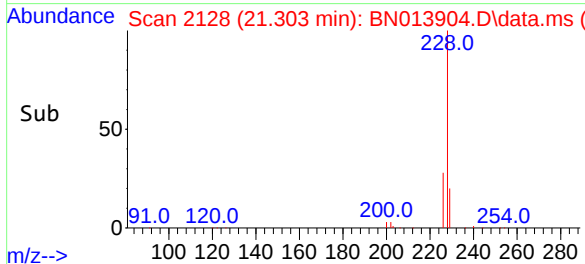
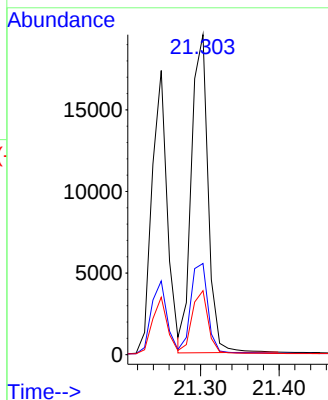
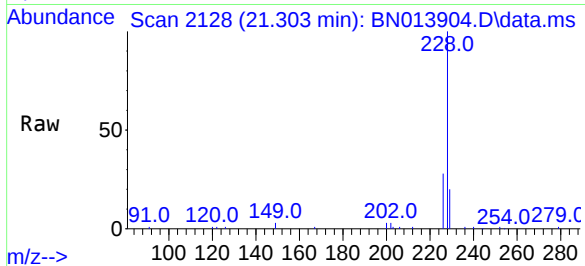


#33  
Chrysene  
Concen: 0.43 ng  
RT: 21.303 min Scan# 2128  
Delta R.T. 0.003 min  
Lab File: BN013904.D  
Acq: 10 Mar 2021 13:21

Instrument :  
BNA\_N  
ClientSampleId :  
PB135077BS

Tgt Ion: 228 Resp: 28727

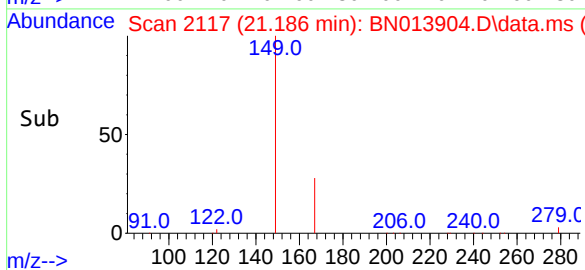
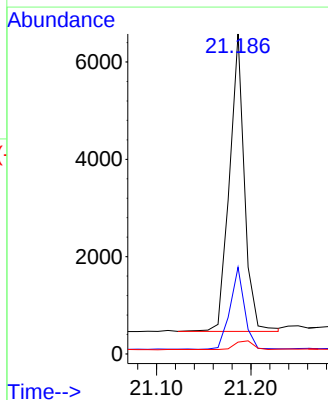
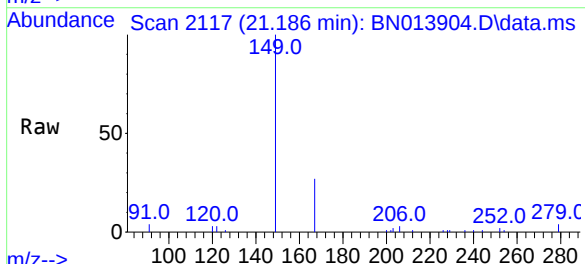
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 28.5  | 24.3  | 36.5  |
| 229 | 20.0  | 15.1  | 22.7  |

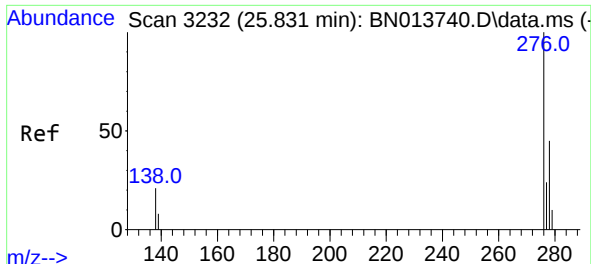


#34  
Bis(2-ethylhexyl)phthalate  
Concen: 0.21 ng  
RT: 21.186 min Scan# 2117  
Delta R.T. -0.008 min  
Lab File: BN013904.D  
Acq: 10 Mar 2021 13:21

Tgt Ion: 149 Resp: 6743

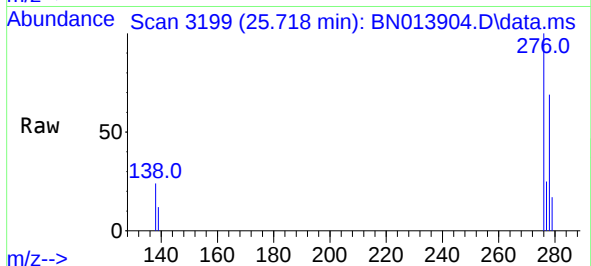
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 167 | 26.8  | 22.1  | 33.1  |
| 279 | 3.5   | 3.5   | 5.3   |



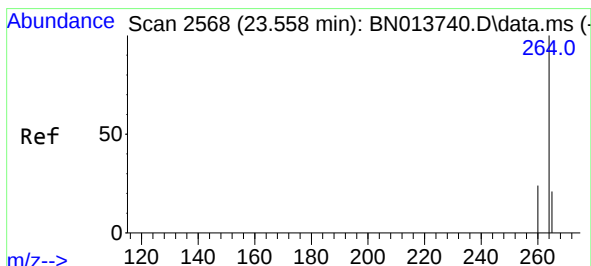
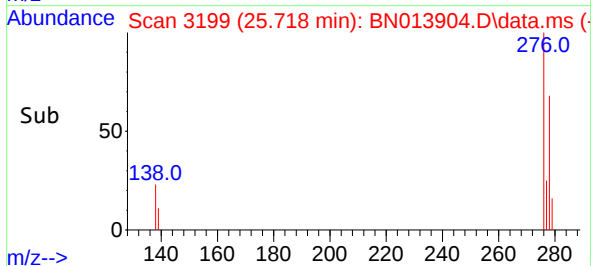
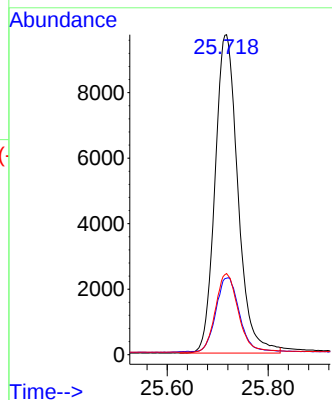


#35  
Indeno(1,2,3-cd)pyrene  
Concen: 0.38 ng  
RT: 25.718 min Scan# 3199  
Delta R.T. -0.011 min  
Lab File: BN013904.D  
Acq: 10 Mar 2021 13:21

Instrument :  
BNA\_N  
ClientSampleId :  
PB135077BS

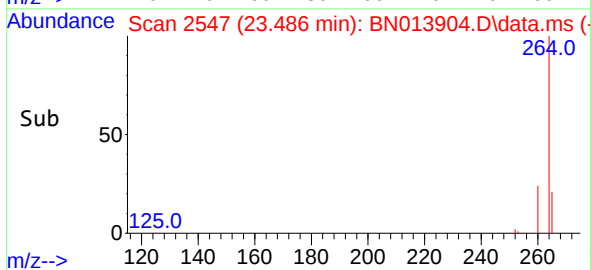
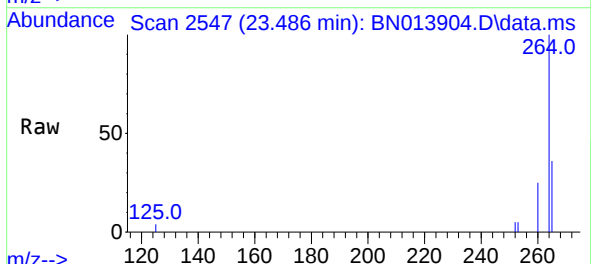
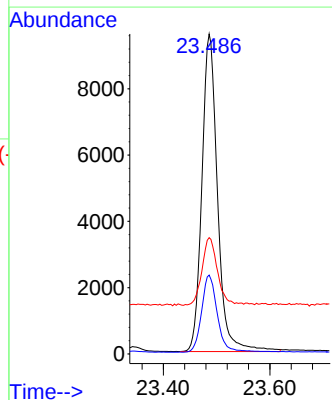


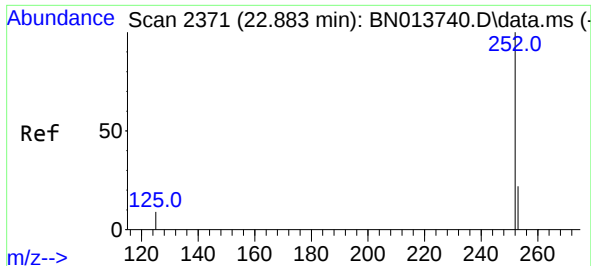
Tgt Ion:276 Resp: 30558  
Ion Ratio Lower Upper  
276 100  
138 23.4 19.8 29.6  
277 24.8 19.9 29.9



#36  
Perylene-d12  
Concen: 0.40 ng  
RT: 23.486 min Scan# 2547  
Delta R.T. -0.007 min  
Lab File: BN013904.D  
Acq: 10 Mar 2021 13:21

Tgt Ion:264 Resp: 19515  
Ion Ratio Lower Upper  
264 100  
260 24.6 19.3 28.9  
265 36.4 66.2 99.4#

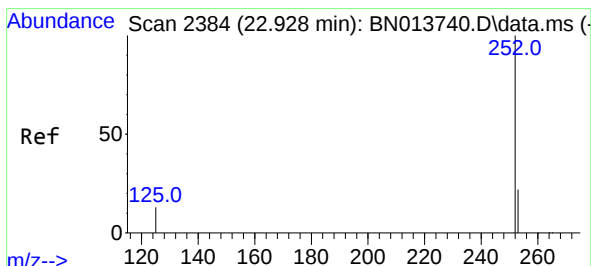
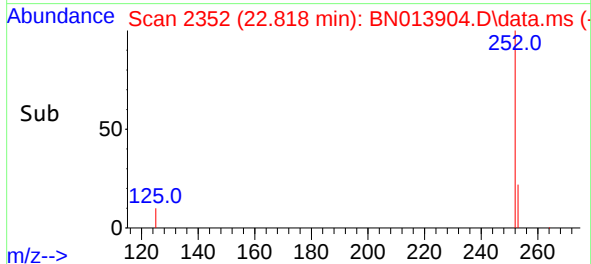
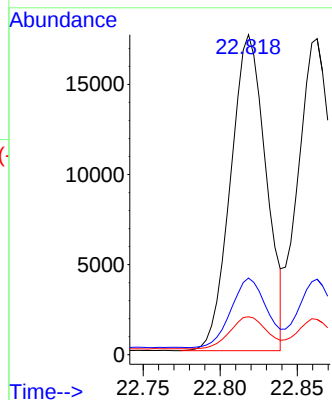
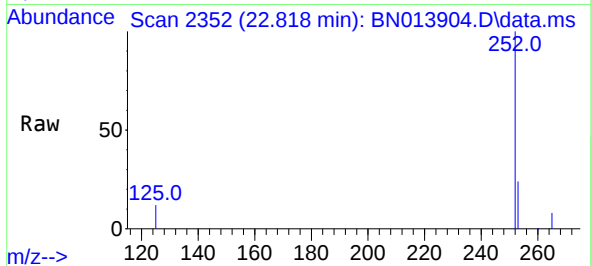




#37  
Benzo(b)fluoranthene  
Concen: 0.45 ng  
RT: 22.818 min Scan# 2352  
Delta R.T. -0.007 min  
Lab File: BN013904.D  
Acq: 10 Mar 2021 13:21

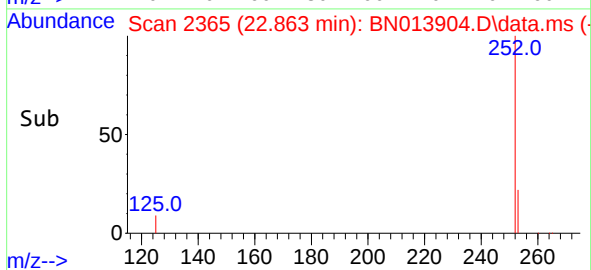
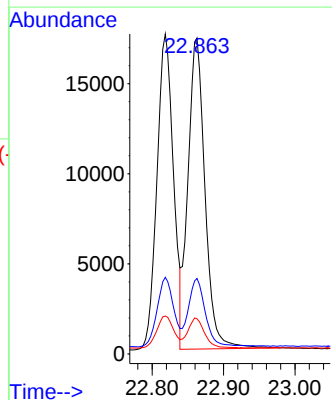
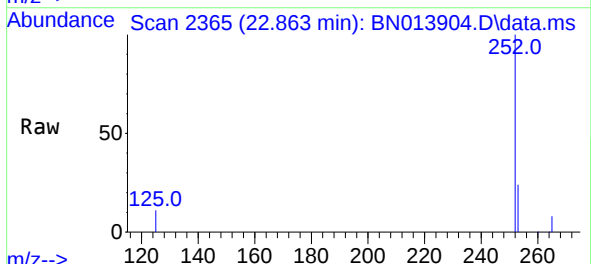
Instrument :  
BNA\_N  
ClientSampleId :  
PB135077BS

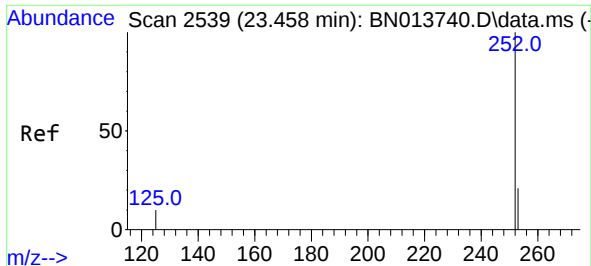
Tgt Ion:252 Resp: 28035  
Ion Ratio Lower Upper  
252 100  
253 23.9 20.4 30.6  
125 11.8 11.6 17.4



#38  
Benzo(k)fluoranthene  
Concen: 0.47 ng  
RT: 22.863 min Scan# 2365  
Delta R.T. -0.004 min  
Lab File: BN013904.D  
Acq: 10 Mar 2021 13:21

Tgt Ion:252 Resp: 28594  
Ion Ratio Lower Upper  
252 100  
253 23.9 20.5 30.7  
125 11.2 12.3 18.5#





#39

Benzo(a)pyrene

Concen: 0.42 ng

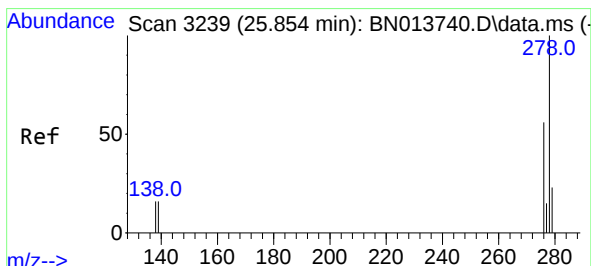
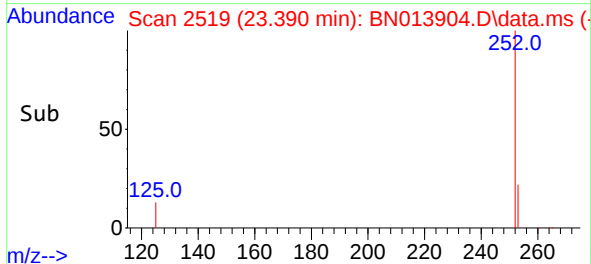
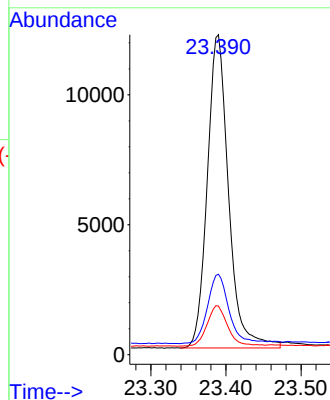
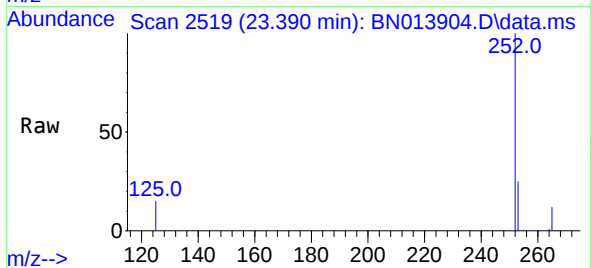
RT: 23.390 min Scan# 2519

Delta R.T. -0.007 min

Lab File: BN013904.D

Acq: 10 Mar 2021 13:21

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 252   | Resp: | 23811 |
| Ion      | Ratio | Lower | Upper |
| 252      | 100   |       |       |
| 253      | 25.2  | 21.8  | 32.6  |
| 125      | 15.2  | 14.6  | 21.8  |



#40

Dibenzo(a,h)anthracene

Concen: 0.43 ng

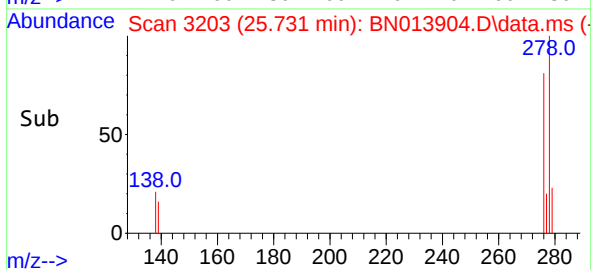
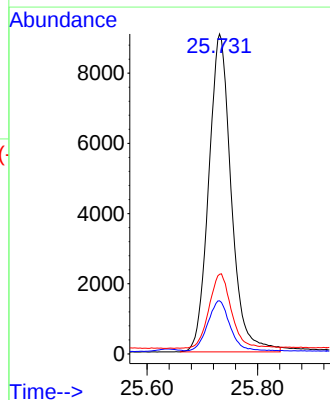
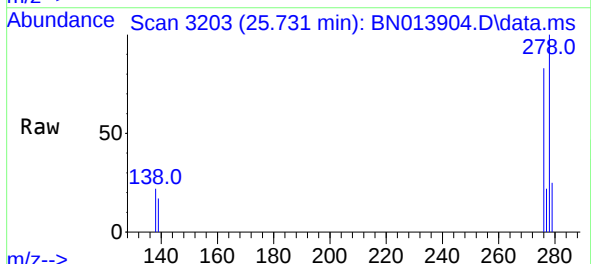
RT: 25.731 min Scan# 3203

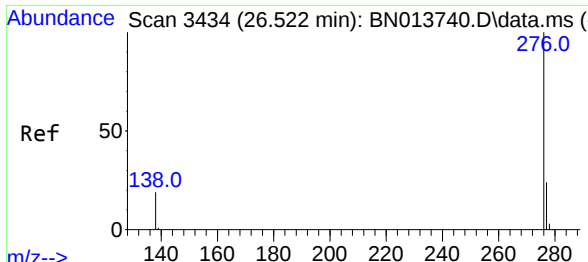
Delta R.T. -0.011 min

Lab File: BN013904.D

Acq: 10 Mar 2021 13:21

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 278   | Resp: | 25606 |
| Ion      | Ratio | Lower | Upper |
| 278      | 100   |       |       |
| 139      | 16.6  | 13.1  | 19.7  |
| 279      | 24.9  | 21.4  | 32.0  |





#41  
Benzo(g,h,i)perylene  
Concen: 0.46 ng  
RT: 26.395 min Scan# 3397  
Delta R.T. -0.014 min  
Lab File: BN013904.D  
Acq: 10 Mar 2021 13:21

Instrument :  
BNA\_N  
ClientSampleId :  
PB135077BS

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 276   | Resp: | 27563 |
| Ion      | Ratio | Lower | Upper |
| 276      | 100   |       |       |
| 277      | 24.0  | 20.0  | 30.0  |
| 138      | 21.1  | 17.8  | 26.8  |

