

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN092420\  
 Data File : BN011931.D  
 Acq On : 25 Sep 2020 02:53  
 Operator : CG/JU  
 Sample : PB131870BS  
 Misc :  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB131870BS

Quant Time: Sep 25 04:27:53 2020  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN092320.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Sep 23 18:41:41 2020  
 Response via : Initial Calibration

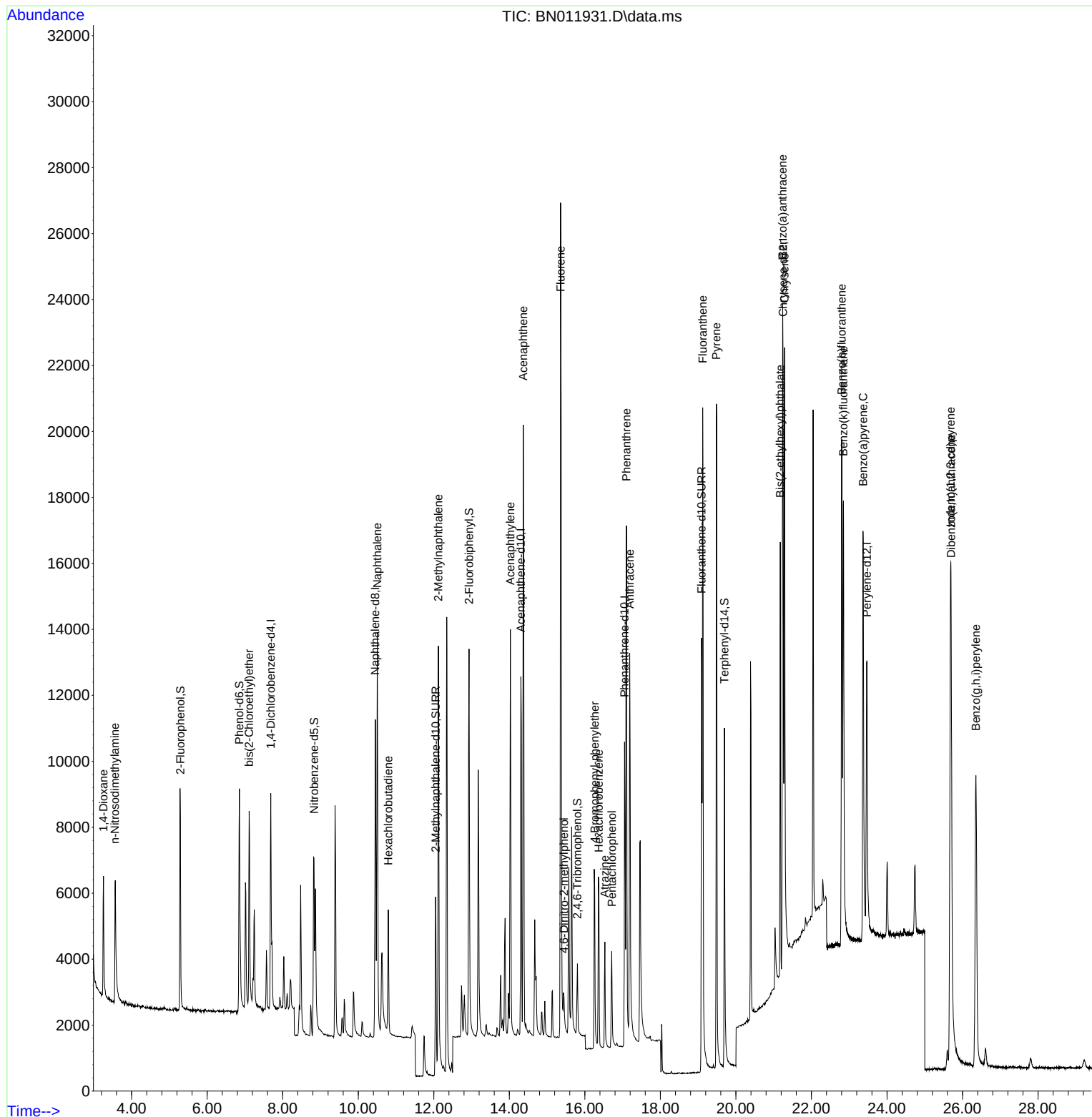
| Compound                      | R.T.   | QIon | Response | Conc | Units | Dev(Min) |
|-------------------------------|--------|------|----------|------|-------|----------|
| -----                         |        |      |          |      |       |          |
| Internal Standards            |        |      |          |      |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.683  | 152  | 3192     | 0.40 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.453 | 136  | 13542    | 0.40 | ng    | #-0.01   |
| 13) Acenaphthene-d10          | 14.306 | 164  | 7072     | 0.40 | ng    | -0.01    |
| 19) Phenanthrene-d10          | 17.053 | 188  | 14266    | 0.40 | ng    | #-0.01   |
| 29) Chrysene-d12              | 21.248 | 240  | 12489    | 0.40 | ng    | #-0.02   |
| 36) Perylene-d12              | 23.467 | 264  | 12912    | 0.40 | ng    | #-0.02   |
| System Monitoring Compounds   |        |      |          |      |       |          |
| 4) 2-Fluorophenol             | 5.291  | 112  | 5053     | 0.45 | ng    | 0.00     |
| 5) Phenol-d6                  | 6.853  | 99   | 6462     | 0.46 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 8.831  | 82   | 5873     | 0.42 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 12.051 | 152  | 9069     | 0.42 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.803 | 330  | 1522     | 0.44 | ng    | -0.01    |
| 15) 2-Fluorobiphenyl          | 12.936 | 172  | 11672    | 0.44 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.092 | 212  | 16950    | 0.40 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.698 | 244  | 12555    | 0.44 | ng    | 0.00     |
| Target Compounds              |        |      |          |      |       |          |
|                               |        |      |          |      |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.253  | 88   | 2274     | 0.41 | ng    | 96       |
| 3) n-Nitrosodimethylamine     | 3.559  | 42   | 3441     | 0.43 | ng    | 92       |
| 6) bis(2-Chloroethyl)ether    | 7.111  | 93   | 4790     | 0.40 | ng    | 92       |
| 9) Naphthalene                | 10.504 | 128  | 16196    | 0.42 | ng    | 99       |
| 10) Hexachlorobutadiene       | 10.795 | 225  | 2716     | 0.43 | ng    | # 99     |
| 12) 2-Methylnaphthalene       | 12.122 | 142  | 10378    | 0.42 | ng    | 98       |
| 16) Acenaphthylene            | 14.027 | 152  | 14028    | 0.41 | ng    | 99       |
| 17) Acenaphthene              | 14.369 | 154  | 9983     | 0.43 | ng    | 95       |
| 18) Fluorene                  | 15.359 | 166  | 11791    | 0.41 | ng    | 100      |
| 20) 4,6-Dinitro-2-methylph... | 15.448 | 198  | 1004     | 0.37 | ng    | # 41     |
| 21) 4-Bromophenyl-phenylether | 16.262 | 248  | 3066     | 0.41 | ng    | # 89     |
| 22) Hexachlorobenzene         | 16.372 | 284  | 3862     | 0.44 | ng    | # 85     |
| 23) Atrazine                  | 16.530 | 200  | 2931     | 0.40 | ng    | 98       |
| 24) Pentachlorophenol         | 16.713 | 266  | 1573     | 0.37 | ng    | 98       |
| 25) Phenanthrene              | 17.102 | 178  | 17759    | 0.41 | ng    | 99       |
| 26) Anthracene                | 17.187 | 178  | 15147    | 0.40 | ng    | 98       |
| 28) Fluoranthene              | 19.122 | 202  | 19702    | 0.40 | ng    | # 95     |
| 30) Pyrene                    | 19.484 | 202  | 20073    | 0.43 | ng    | 100      |
| 32) Benzo(a)anthracene        | 21.237 | 228  | 15639    | 0.39 | ng    | 99       |
| 33) Chrysene                  | 21.290 | 228  | 19002    | 0.44 | ng    | 100      |
| 34) Bis(2-ethylhexyl)phtha... | 21.174 | 149  | 10850    | 0.38 | ng    | # 92     |
| 35) Indeno(1,2,3-cd)pyrene    | 25.685 | 276  | 22146    | 0.45 | ng    | # 91     |
| 37) Benzo(b)fluoranthene      | 22.803 | 252  | 17700    | 0.40 | ng    | # 81     |
| 38) Benzo(k)fluoranthene      | 22.847 | 252  | 20653    | 0.43 | ng    | # 89     |
| 39) Benzo(a)pyrene            | 23.367 | 252  | 16991    | 0.42 | ng    | # 67     |
| 40) Dibenzo(a,h)anthracene    | 25.698 | 278  | 16972    | 0.40 | ng    | # 88     |
| 41) Benzo(g,h,i)perylene      | 26.355 | 276  | 19189    | 0.42 | ng    | # 90     |
| -----                         |        |      |          |      |       |          |

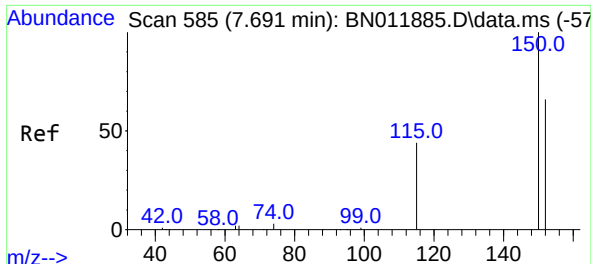
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN092420\  
Data File : BN011931.D  
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Sample : PB131870BS  
Misc :  
ALS Vial : 22 Sample Multiplier: 1

Instrument :  
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ClientSampleId :  
PB131870BS

Quant Time: Sep 25 04:27:53 2020  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN092320.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Sep 23 18:41:41 2020  
Response via : Initial Calibration

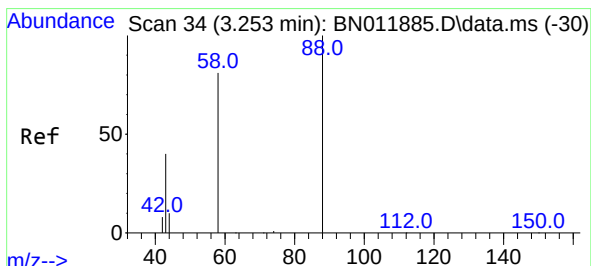
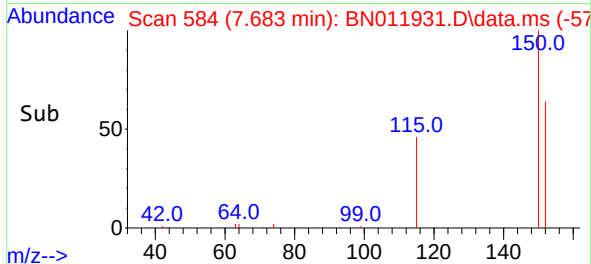
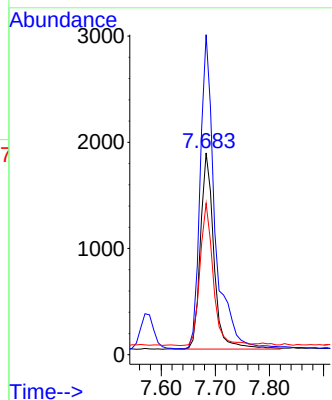
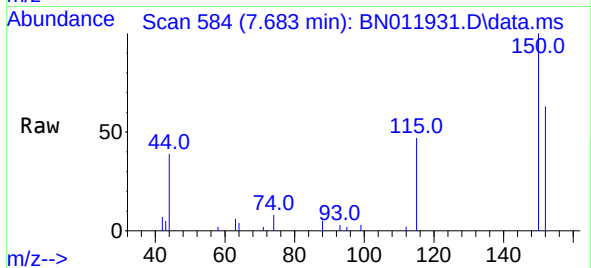




#1  
1,4-Dichlorobenzene-d4  
Concen: 0.40 ng  
RT: 7.683 min Scan# 584  
Delta R.T. -0.008 min  
Lab File: BN011931.D  
Acq: 25 Sep 2020 02:53

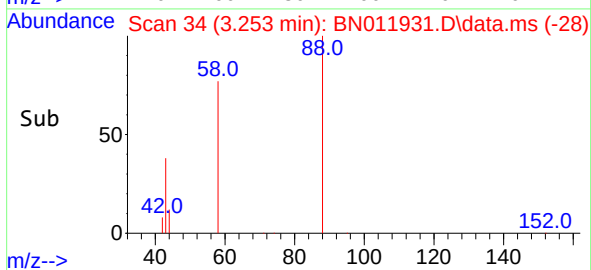
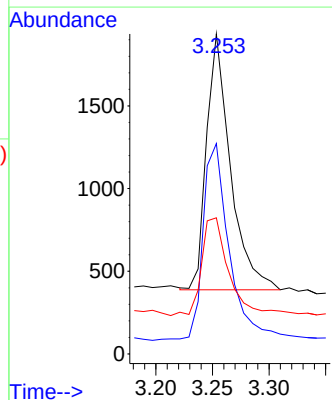
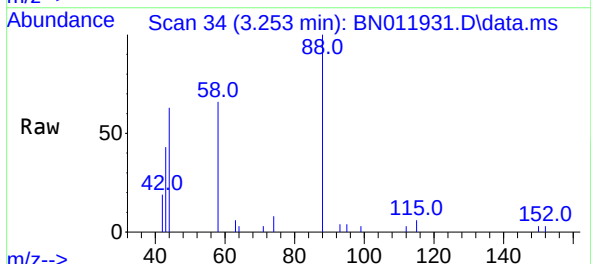
Instrument :  
BNA\_N  
ClientSampleId :  
PB131870BS

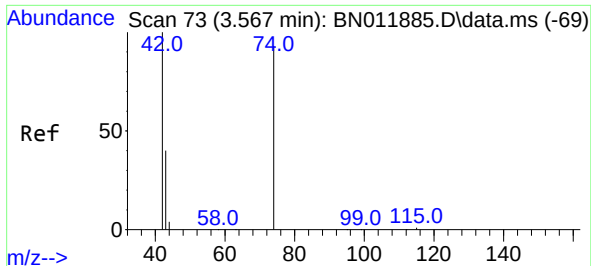
Tgt Ion:152 Resp: 3192  
Ion Ratio Lower Upper  
152 100  
150 158.6 118.3 177.5  
115 75.1 51.3 76.9



#2  
1,4-Dioxane  
Concen: 0.41 ng  
RT: 3.253 min Scan# 34  
Delta R.T. 0.000 min  
Lab File: BN011931.D  
Acq: 25 Sep 2020 02:53

Tgt Ion: 88 Resp: 2274  
Ion Ratio Lower Upper  
88 100  
58 82.4 63.3 94.9  
43 43.8 33.0 49.4

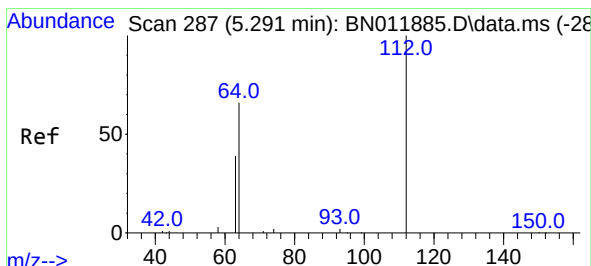
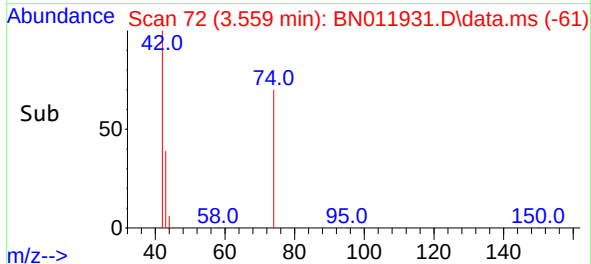
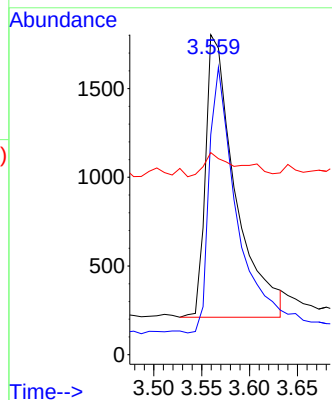
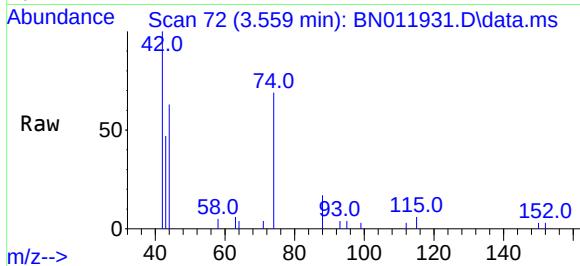




#3  
n-Nitrosodimethylamine  
Concen: 0.43 ng  
RT: 3.559 min Scan# 72  
Delta R.T. -0.008 min  
Lab File: BN011931.D  
Acq: 25 Sep 2020 02:53

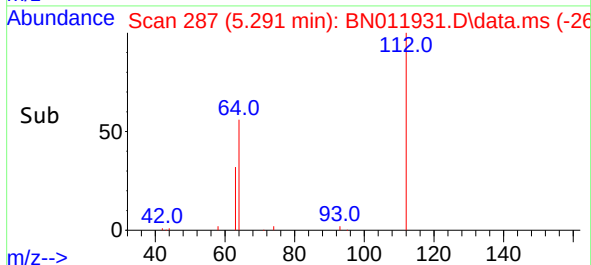
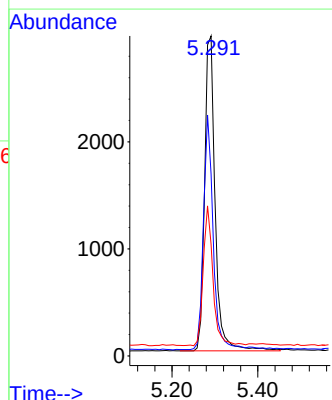
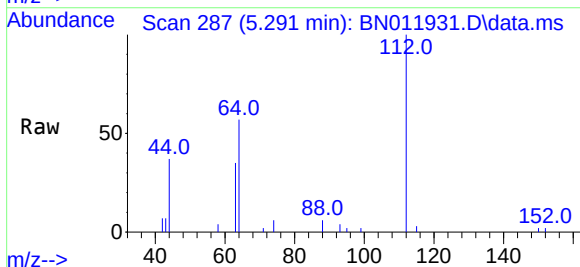
Instrument :  
BNA\_N  
ClientSampleId :  
PB131870BS

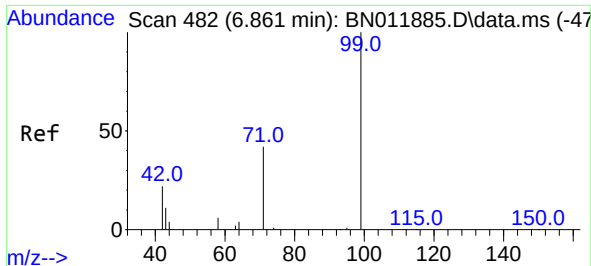
Tgt Ion: 42 Resp: 3441  
Ion Ratio Lower Upper  
42 100  
74 88.2 64.4 96.6  
44 9.8 6.7 10.1



#4  
2-Fluorophenol  
Concen: 0.45 ng  
RT: 5.291 min Scan# 287  
Delta R.T. 0.000 min  
Lab File: BN011931.D  
Acq: 25 Sep 2020 02:53

Tgt Ion: 112 Resp: 5053  
Ion Ratio Lower Upper  
112 100  
64 68.1 49.0 73.6  
63 40.7 31.8 47.6

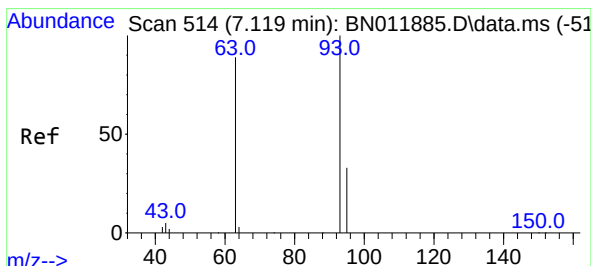
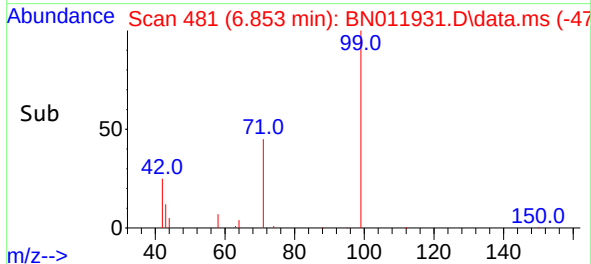
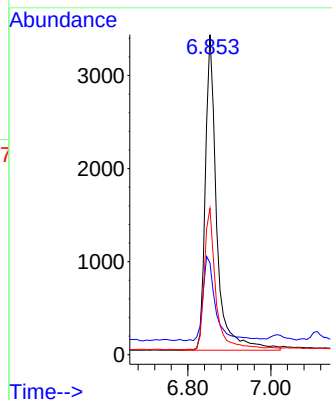
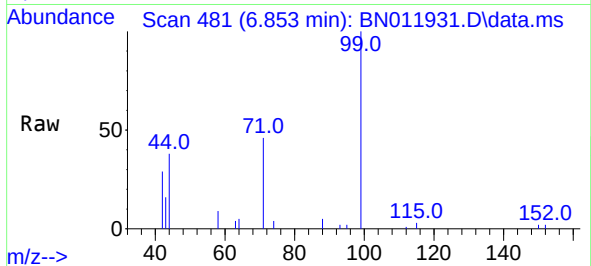




#5  
Phenol-d6  
Concen: 0.46 ng  
RT: 6.853 min Scan# 481  
Delta R.T. -0.008 min  
Lab File: BN011931.D  
Acq: 25 Sep 2020 02:53

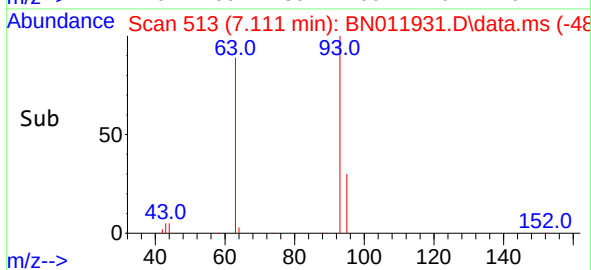
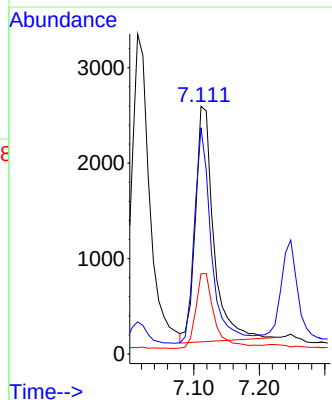
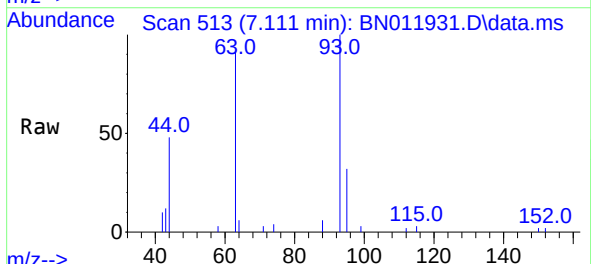
Instrument :  
BNA\_N  
ClientSampleId :  
PB131870BS

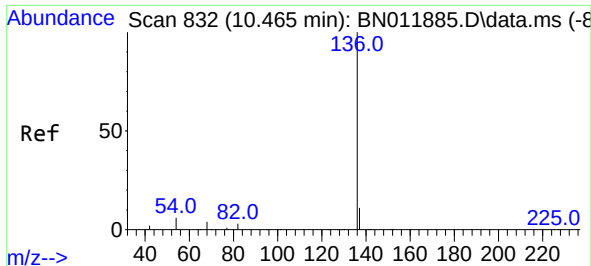
Tgt Ion: 99 Resp: 6462  
Ion Ratio Lower Upper  
99 100  
42 29.6 23.4 35.0  
71 45.2 38.1 57.1



#6  
bis(2-Chloroethyl)ether  
Concen: 0.40 ng  
RT: 7.111 min Scan# 513  
Delta R.T. -0.008 min  
Lab File: BN011931.D  
Acq: 25 Sep 2020 02:53

Tgt Ion: 93 Resp: 4790  
Ion Ratio Lower Upper  
93 100  
63 85.4 61.1 91.7  
95 32.7 25.5 38.3

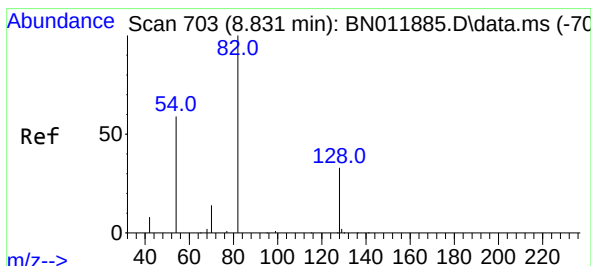
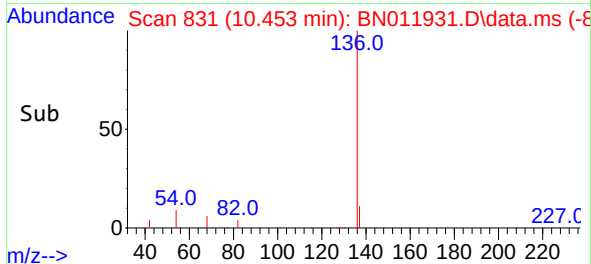
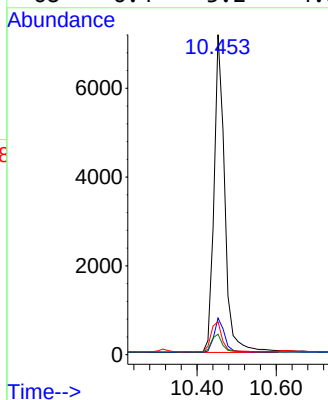
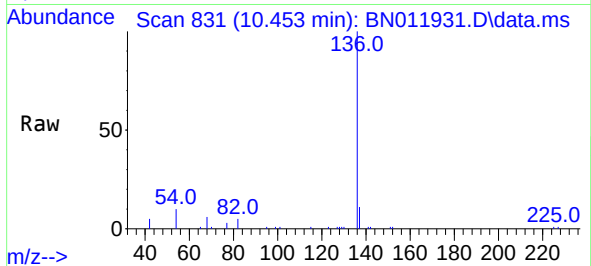




#7  
Naphthalene-d8  
Concen: 0.40 ng  
RT: 10.453 min Scan# 831  
Delta R.T. -0.013 min  
Lab File: BN011931.D  
Acq: 25 Sep 2020 02:53

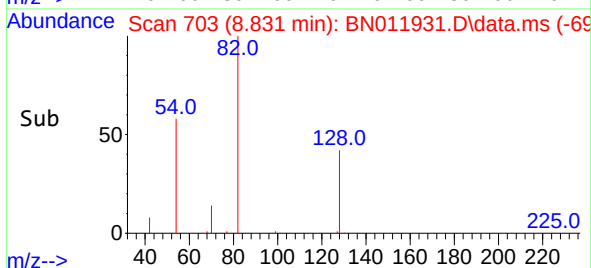
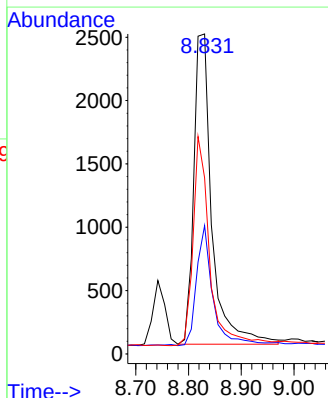
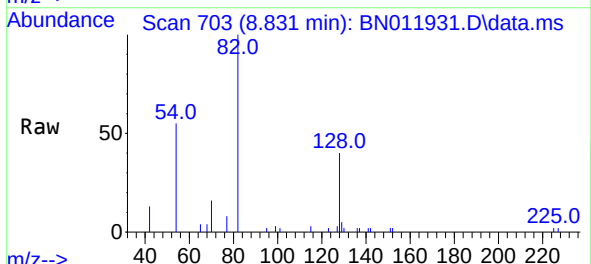
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ClientSampleId :  
PB131870BS

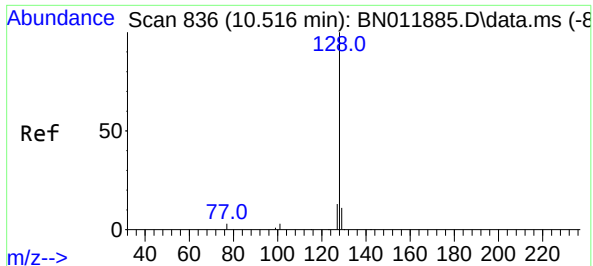
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|-------------|-------|----------|
| Tgt Ion:136 | Resp: | 13542    |
| Ion Ratio   | Lower | Upper    |
| 136         | 100   |          |
| 137         | 11.4  | 9.5 14.3 |
| 54          | 10.3  | 5.6 8.4# |
| 68          | 6.4   | 3.2 4.8# |



#8  
Nitrobenzene-d5  
Concen: 0.42 ng  
RT: 8.831 min Scan# 703  
Delta R.T. 0.000 min  
Lab File: BN011931.D  
Acq: 25 Sep 2020 02:53

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion: 82 | Resp: | 5873      |
| Ion Ratio   | Lower | Upper     |
| 82          | 100   |           |
| 128         | 40.1  | 34.2 51.2 |
| 54          | 55.1  | 43.1 64.7 |

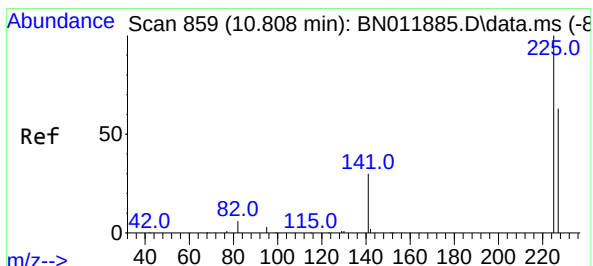
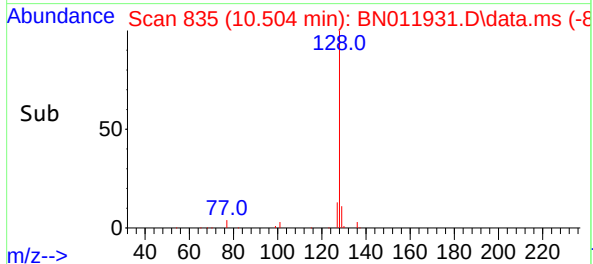
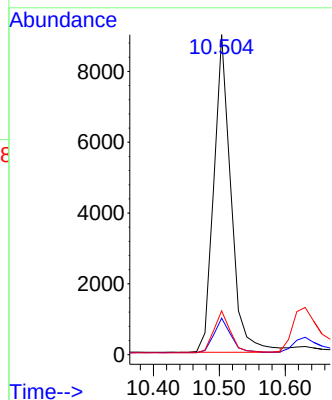
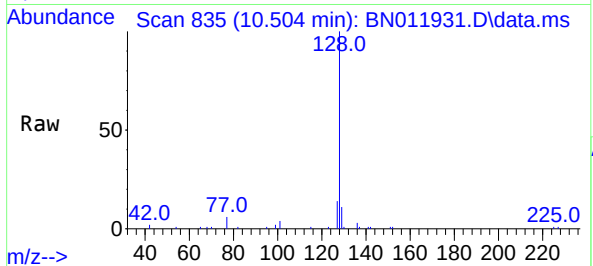




#9  
Naphthalene  
Concen: 0.42 ng  
RT: 10.504 min Scan# 835  
Delta R.T. -0.013 min  
Lab File: BN011931.D  
Acq: 25 Sep 2020 02:53

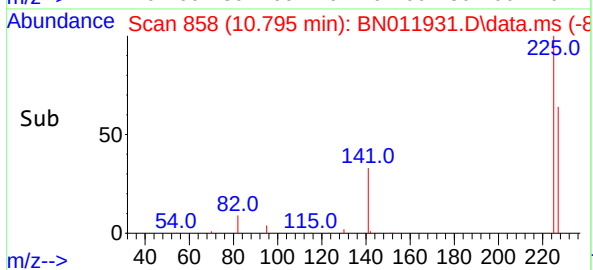
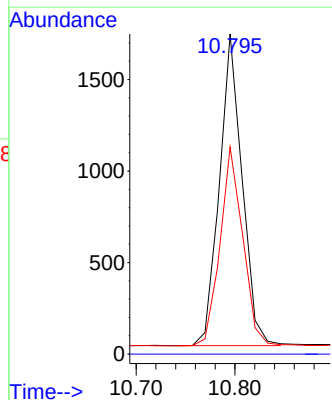
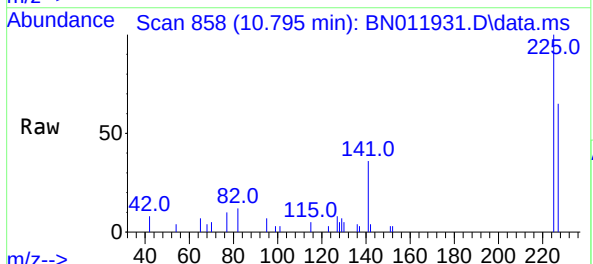
Instrument :  
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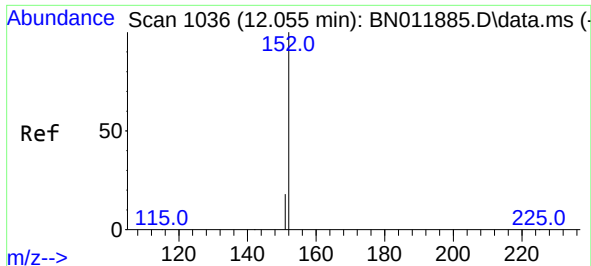
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|----------|-------|-------|-------|
| Tgt Ion: | 128   | Resp: | 16196 |
| Ion      | Ratio | Lower | Upper |
| 128      | 100   |       |       |
| 129      | 11.4  | 9.7   | 14.5  |
| 127      | 13.7  | 11.0  | 16.4  |



#10  
Hexachlorobutadiene  
Concen: 0.43 ng  
RT: 10.795 min Scan# 858  
Delta R.T. -0.013 min  
Lab File: BN011931.D  
Acq: 25 Sep 2020 02:53

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 225   | Resp: | 2716  |
| Ion      | Ratio | Lower | Upper |
| 225      | 100   |       |       |
| 223      | 0.0   | 0.0   | 0.0   |
| 227      | 63.8  | 51.9  | 77.9  |

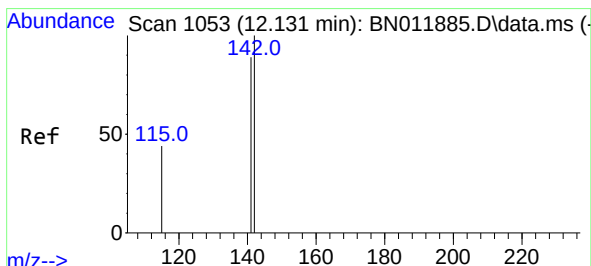
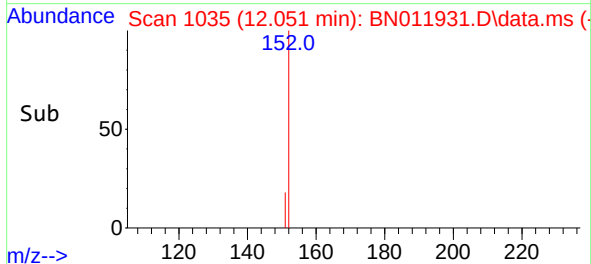
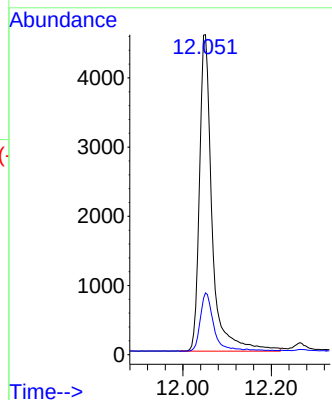
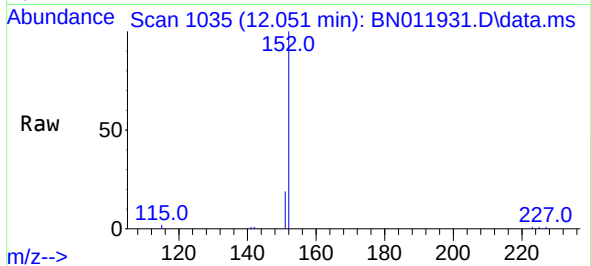




#11  
2-Methylnaphthalene-d10  
Concen: 0.42 ng  
RT: 12.051 min Scan# 1035  
Delta R.T. -0.004 min  
Lab File: BN011931.D  
Acq: 25 Sep 2020 02:53

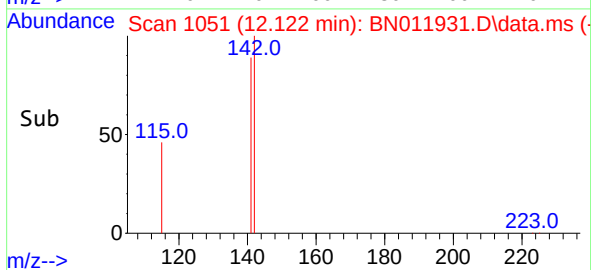
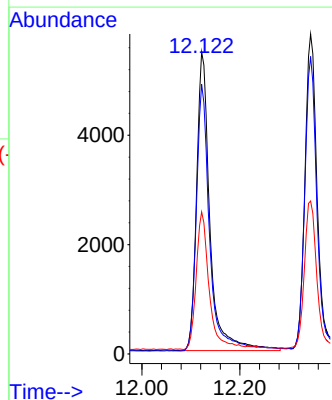
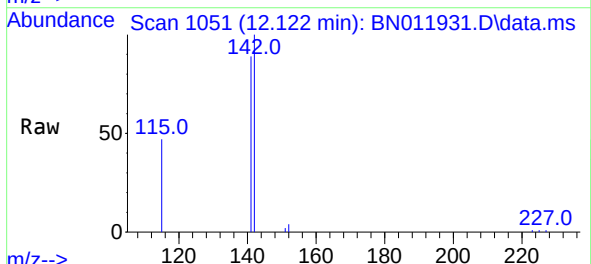
Instrument :  
BNA\_N  
ClientSampleId :  
PB131870BS

Tgt Ion:152 Resp: 9069  
Ion Ratio Lower Upper  
152 100  
151 19.4 16.7 25.1

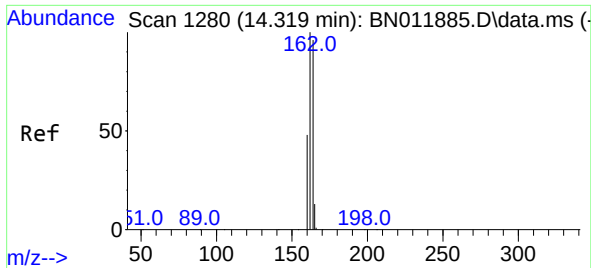


#12  
2-Methylnaphthalene  
Concen: 0.42 ng  
RT: 12.122 min Scan# 1051  
Delta R.T. -0.009 min  
Lab File: BN011931.D  
Acq: 25 Sep 2020 02:53

Tgt Ion:142 Resp: 10378  
Ion Ratio Lower Upper  
142 100  
141 89.2 70.0 105.0  
115 47.1 35.8 53.6



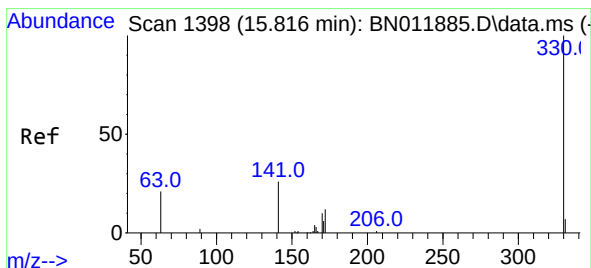
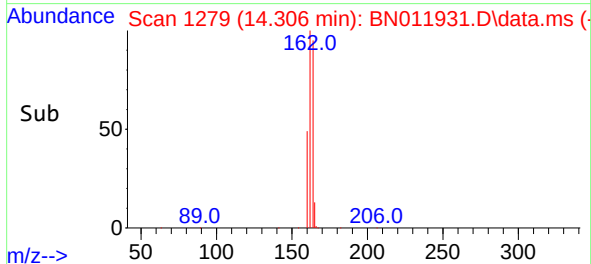
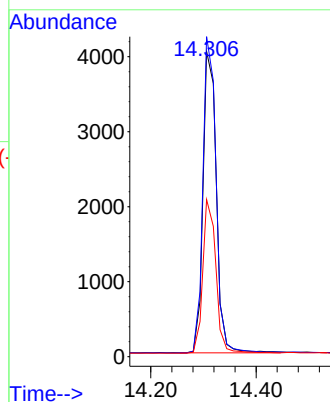
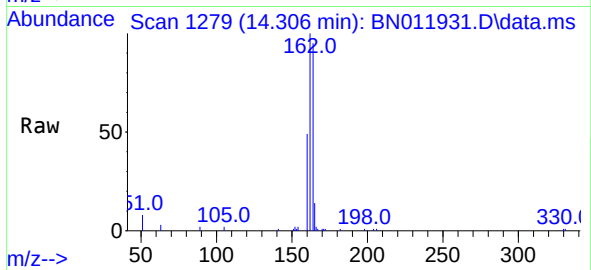




#13  
Acenaphthene-d10  
Concen: 0.40 ng  
RT: 14.306 min Scan# 1279  
Delta R.T. -0.013 min  
Lab File: BN011931.D  
Acq: 25 Sep 2020 02:53

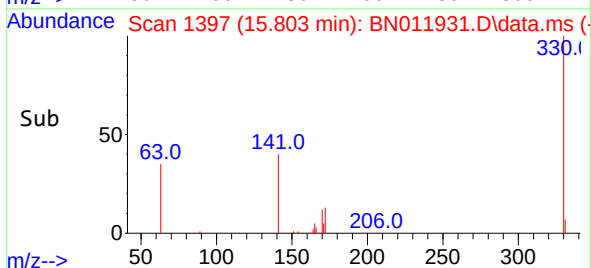
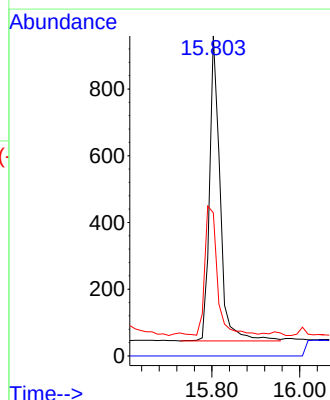
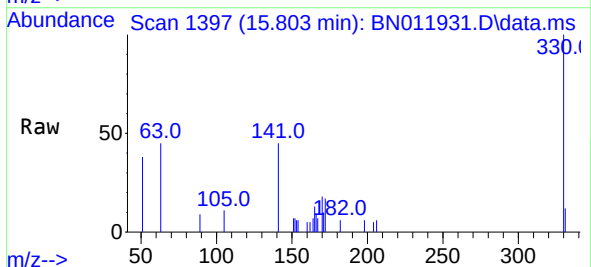
Instrument :  
BNA\_N  
ClientSampleId :  
PB131870BS

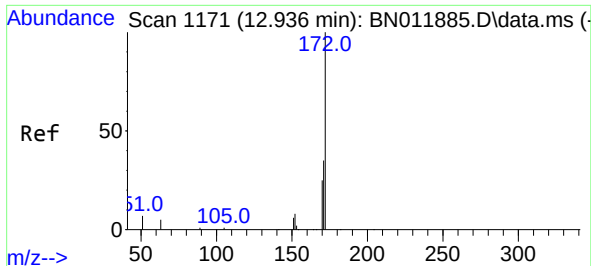
Tgt Ion:164 Resp: 7072  
Ion Ratio Lower Upper  
164 100  
162 104.9 83.6 125.4  
160 51.5 41.2 61.8



#14  
2,4,6-Tribromophenol  
Concen: 0.44 ng  
RT: 15.803 min Scan# 1397  
Delta R.T. -0.013 min  
Lab File: BN011931.D  
Acq: 25 Sep 2020 02:53

Tgt Ion:330 Resp: 1522  
Ion Ratio Lower Upper  
330 100  
332 0.0 0.0 0.0  
141 48.9 33.7 50.5

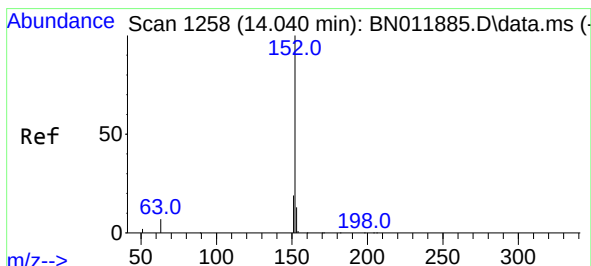
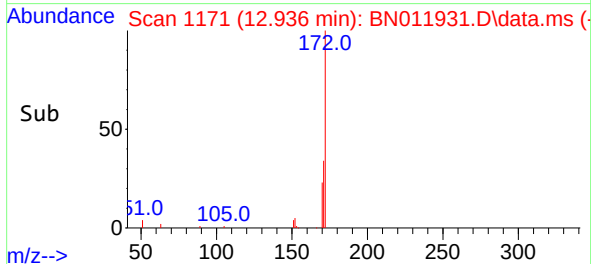
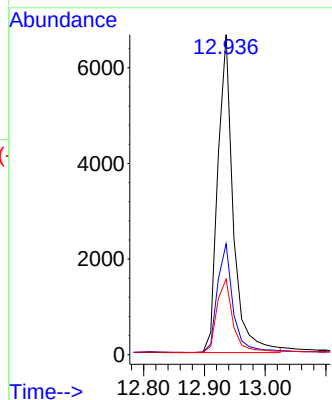
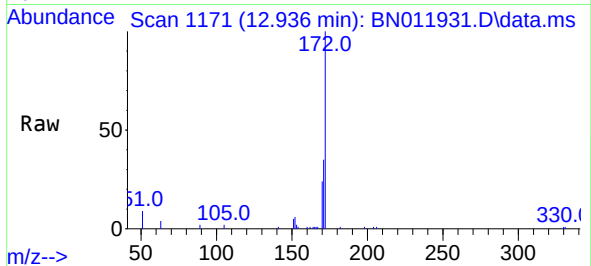




#15  
2-Fluorobiphenyl  
Concen: 0.44 ng  
RT: 12.936 min Scan# 1171  
Delta R.T. 0.000 min  
Lab File: BN011931.D  
Acq: 25 Sep 2020 02:53

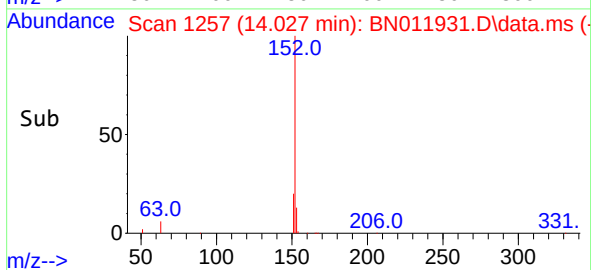
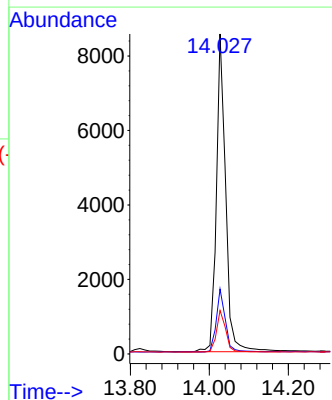
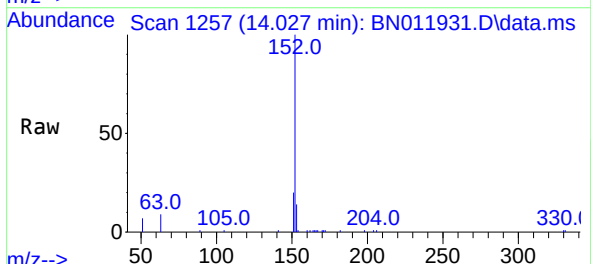
Instrument :  
BNA\_N  
ClientSampleId :  
PB131870BS

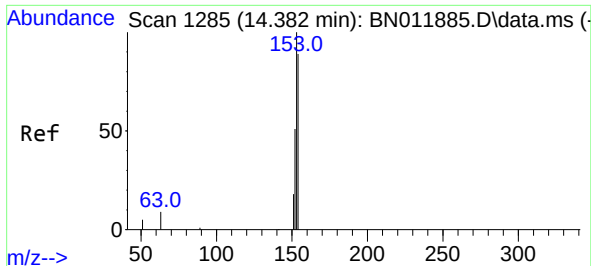
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 172   | Resp: | 11672 |
| Ion Ratio | Lower | Upper |       |
| 172       | 100   |       |       |
| 171       | 34.7  | 27.4  | 41.2  |
| 170       | 23.6  | 17.8  | 26.6  |



#16  
Acenaphthylene  
Concen: 0.41 ng  
RT: 14.027 min Scan# 1257  
Delta R.T. -0.013 min  
Lab File: BN011931.D  
Acq: 25 Sep 2020 02:53

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 152   | Resp: | 14028 |
| Ion Ratio | Lower | Upper |       |
| 152       | 100   |       |       |
| 151       | 19.5  | 15.9  | 23.9  |
| 153       | 13.1  | 10.5  | 15.7  |

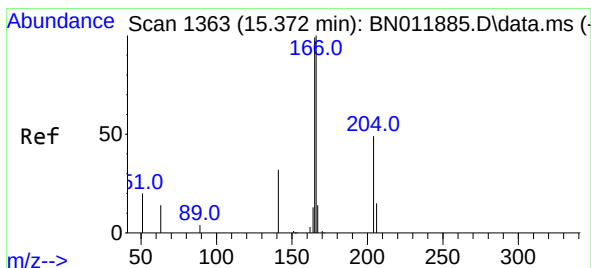
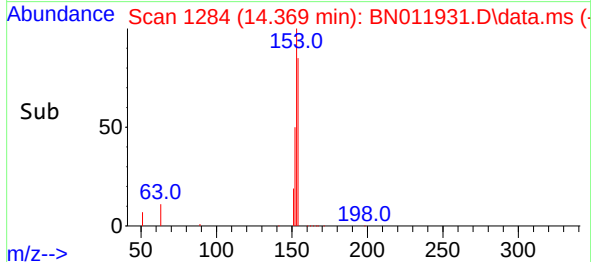
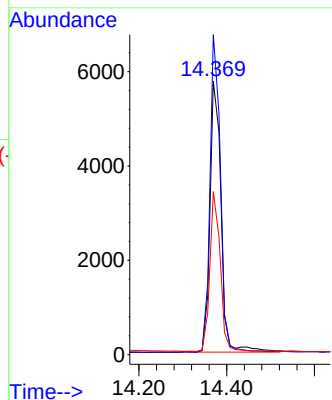
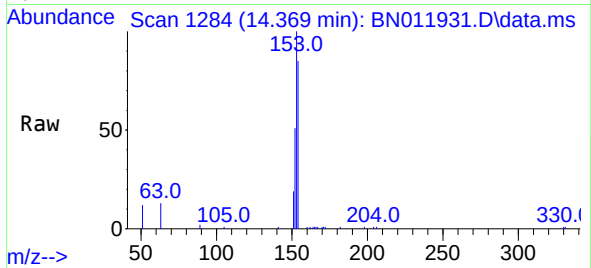




#17  
Acenaphthene  
Concen: 0.43 ng  
RT: 14.369 min Scan# 1284  
Delta R.T. -0.013 min  
Lab File: BN011931.D  
Acq: 25 Sep 2020 02:53

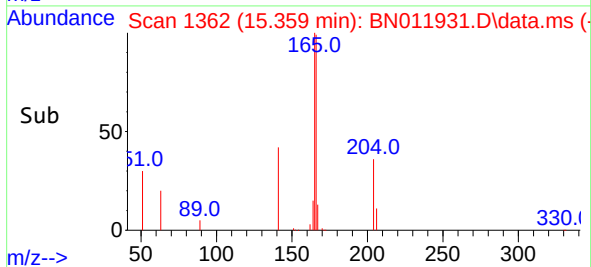
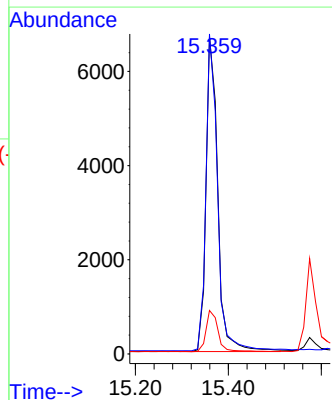
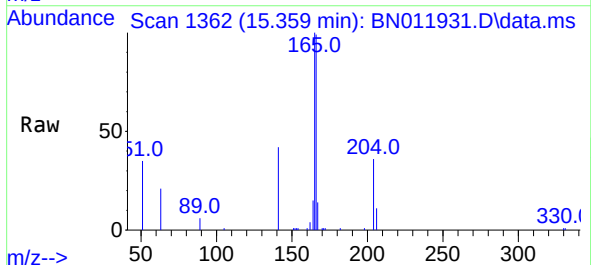
Instrument :  
BNA\_N  
ClientSampleId :  
PB131870BS

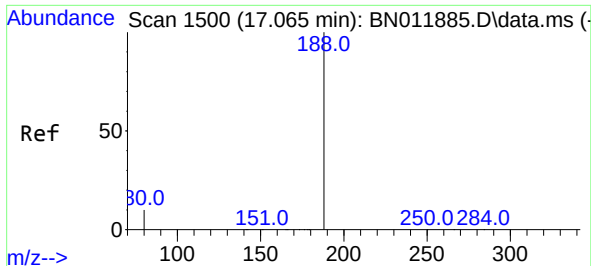
Tgt Ion:154 Resp: 9983  
Ion Ratio Lower Upper  
154 100  
153 110.8 83.4 125.2  
152 55.6 42.8 64.2



#18  
Fluorene  
Concen: 0.41 ng  
RT: 15.359 min Scan# 1362  
Delta R.T. -0.013 min  
Lab File: BN011931.D  
Acq: 25 Sep 2020 02:53

Tgt Ion:166 Resp: 11791  
Ion Ratio Lower Upper  
166 100  
165 98.8 78.8 118.2  
167 13.4 11.2 16.8

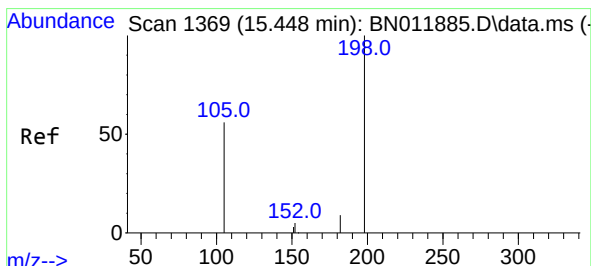
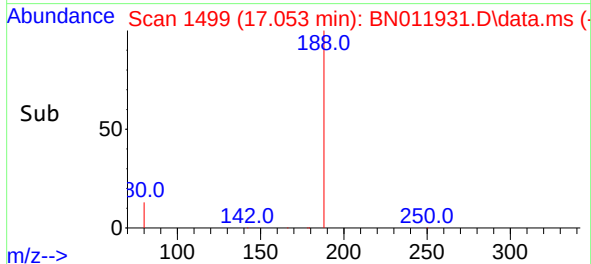
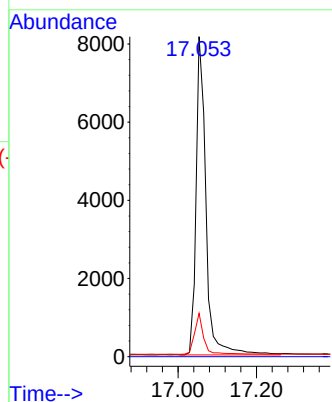
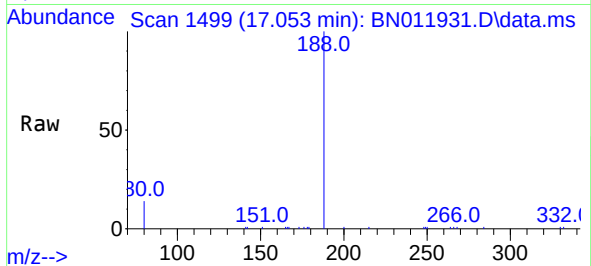




#19  
Phenanthrene-d10  
Concen: 0.40 ng  
RT: 17.053 min Scan# 1499  
Delta R.T. -0.012 min  
Lab File: BN011931.D  
Acq: 25 Sep 2020 02:53

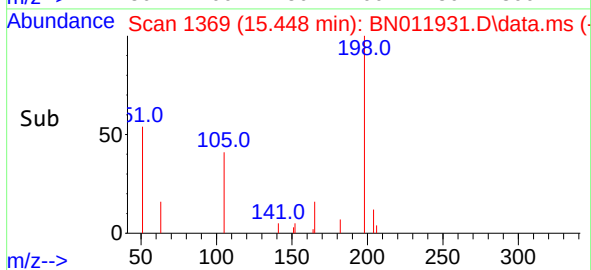
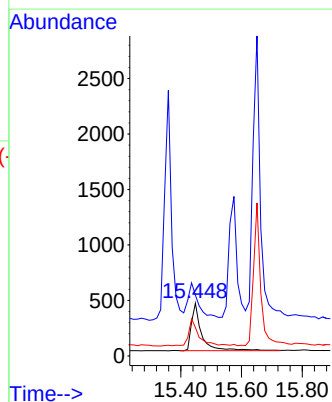
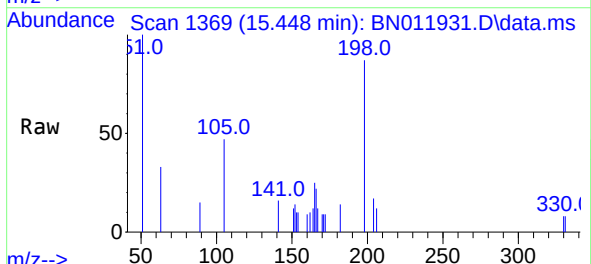
Instrument :  
BNA\_N  
ClientSampleId :  
PB131870BS

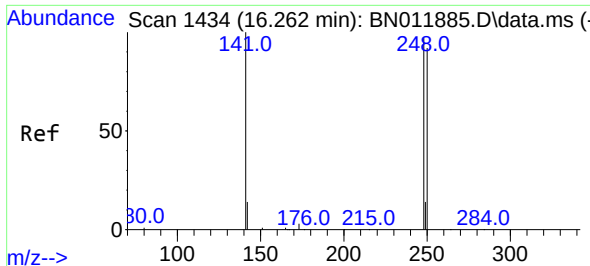
Tgt Ion:188 Resp: 14266  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 13.5 7.7 11.5#



#20  
4,6-Dinitro-2-methylphenol  
Concen: 0.37 ng  
RT: 15.448 min Scan# 1369  
Delta R.T. 0.000 min  
Lab File: BN011931.D  
Acq: 25 Sep 2020 02:53

Tgt Ion:198 Resp: 1004  
Ion Ratio Lower Upper  
198 100  
51 114.9 45.0 67.4#  
105 54.0 30.4 45.6#

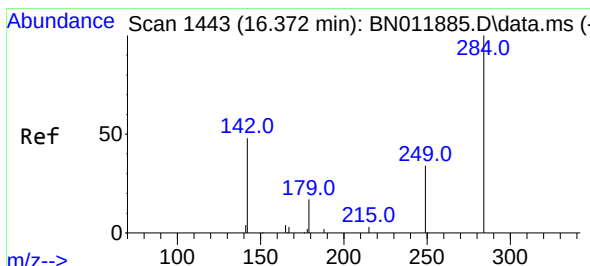
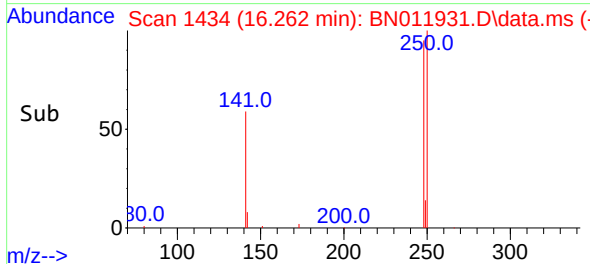
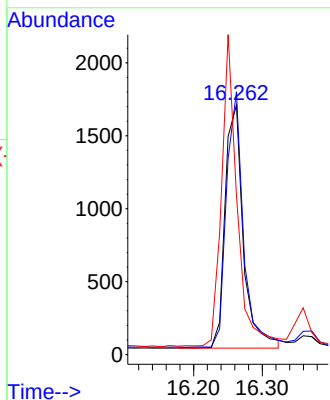
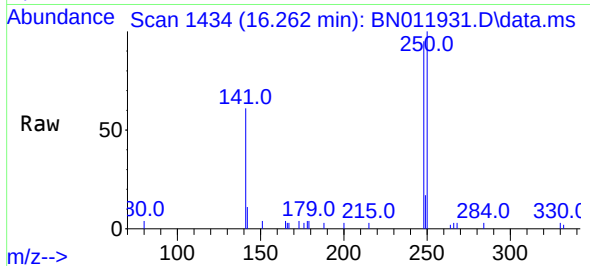




#21  
4-Bromophenyl-phenylether  
Concen: 0.41 ng  
RT: 16.262 min Scan# 1434  
Delta R.T. 0.000 min  
Lab File: BN011931.D  
Acq: 25 Sep 2020 02:53

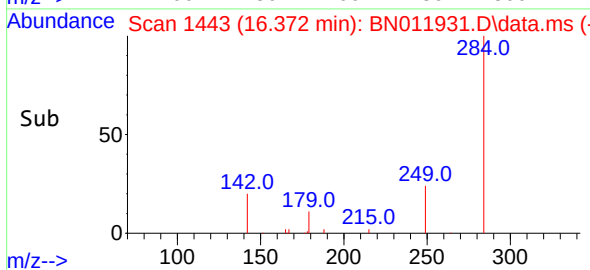
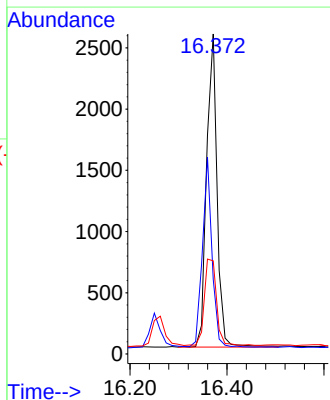
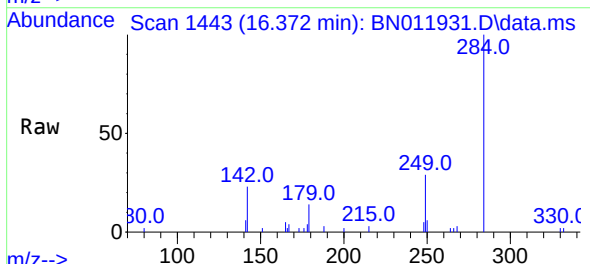
Instrument :  
BNA\_N  
ClientSampleId :  
PB131870BS

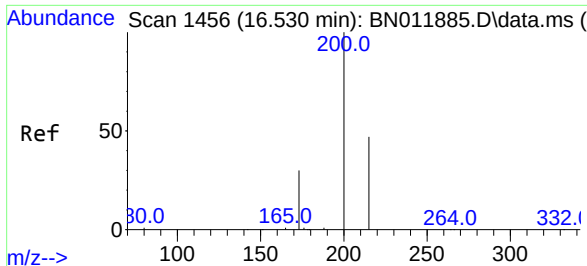
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 248   | Resp: | 3066  |
| Ion      | Ratio | Lower | Upper |
| 248      | 100   |       |       |
| 250      | 105.3 | 82.7  | 124.1 |
| 141      | 63.8  | 33.7  | 50.5# |



#22  
Hexachlorobenzene  
Concen: 0.44 ng  
RT: 16.372 min Scan# 1443  
Delta R.T. 0.000 min  
Lab File: BN011931.D  
Acq: 25 Sep 2020 02:53

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 284   | Resp: | 3862  |
| Ion      | Ratio | Lower | Upper |
| 284      | 100   |       |       |
| 142      | 55.4  | 32.4  | 48.6# |
| 249      | 31.6  | 26.8  | 40.2  |

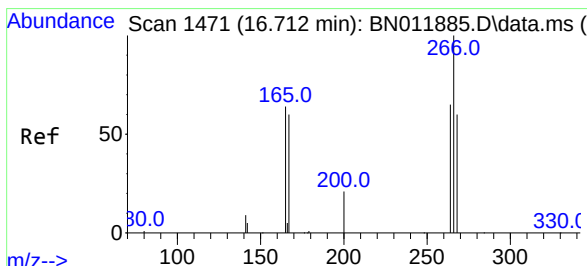
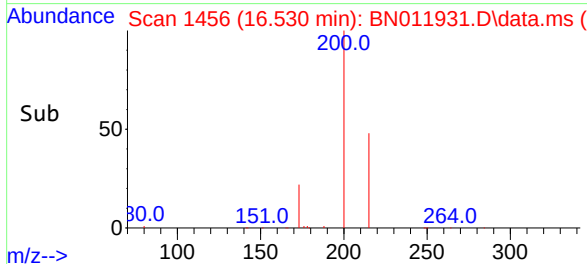
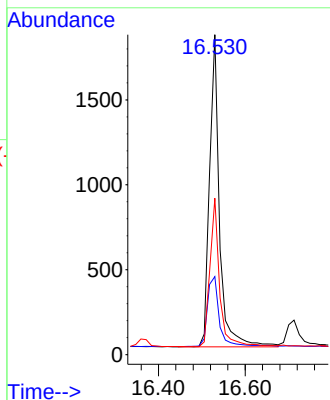
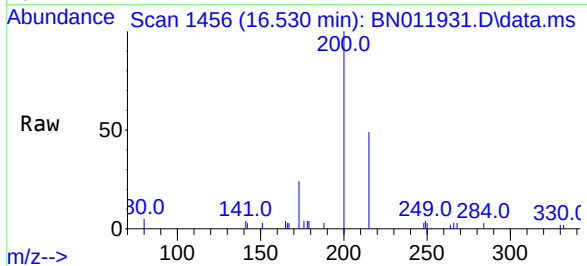




#23  
Atrazine  
Concen: 0.40 ng  
RT: 16.530 min Scan# 1456  
Delta R.T. 0.000 min  
Lab File: BN011931.D  
Acq: 25 Sep 2020 02:53

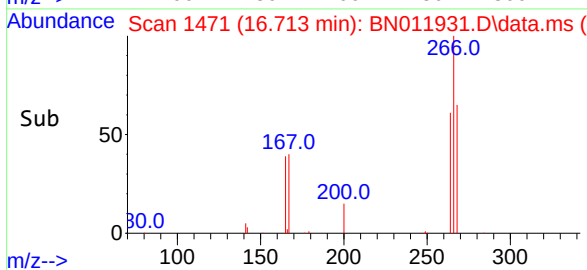
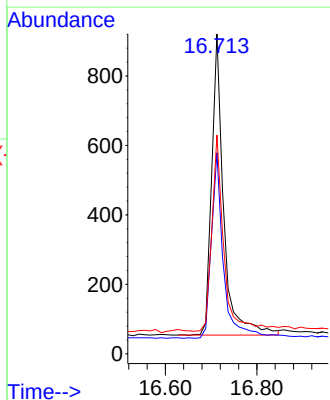
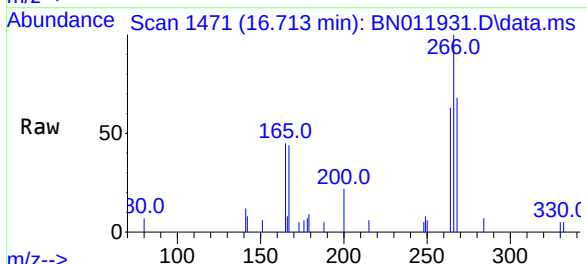
Instrument :  
BNA\_N  
ClientSampleId :  
PB131870BS

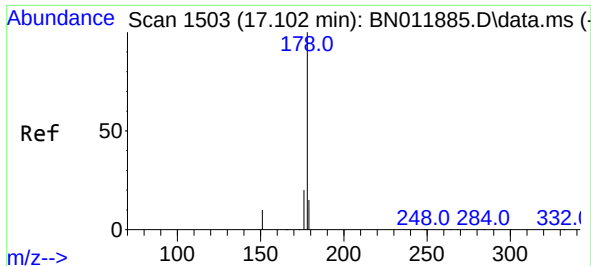
Tgt Ion:200 Resp: 2931  
Ion Ratio Lower Upper  
200 100  
173 24.4 18.7 28.1  
215 48.9 40.2 60.4



#24  
Pentachlorophenol  
Concen: 0.37 ng  
RT: 16.713 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: BN011931.D  
Acq: 25 Sep 2020 02:53

Tgt Ion:266 Resp: 1573  
Ion Ratio Lower Upper  
266 100  
264 63.1 51.2 76.8  
268 67.2 52.4 78.6

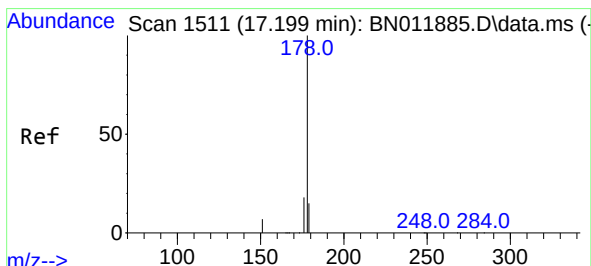
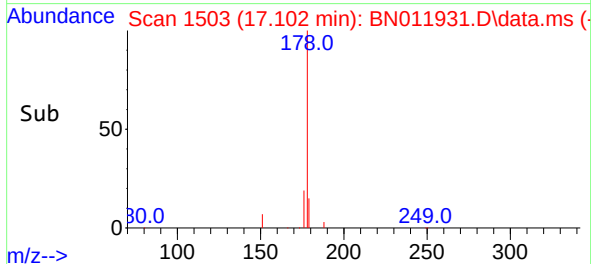
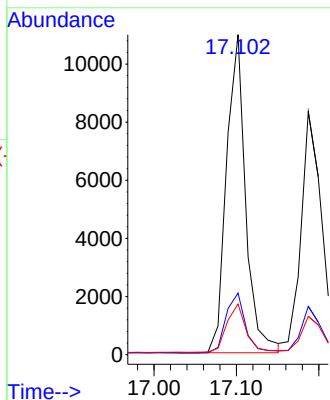
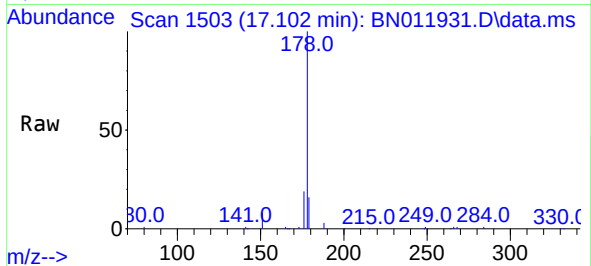




#25  
Phenanthrene  
Concen: 0.41 ng  
RT: 17.102 min Scan# 1503  
Delta R.T. 0.000 min  
Lab File: BN011931.D  
Acq: 25 Sep 2020 02:53

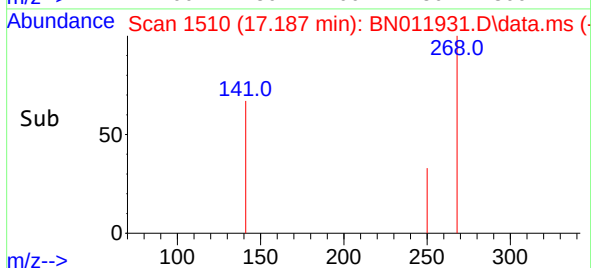
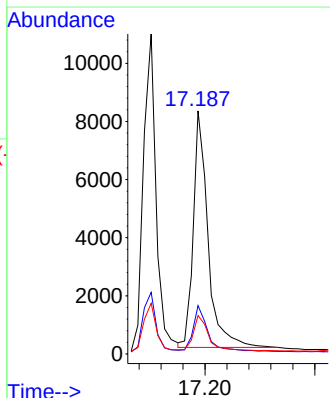
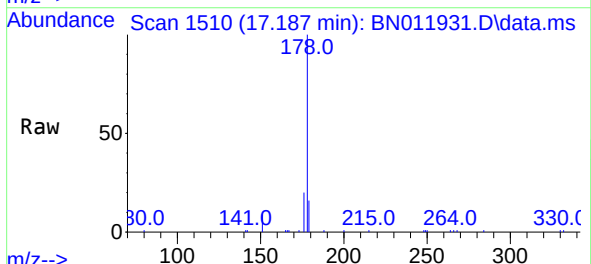
Instrument :  
BNA\_N  
ClientSampleId :  
PB131870BS

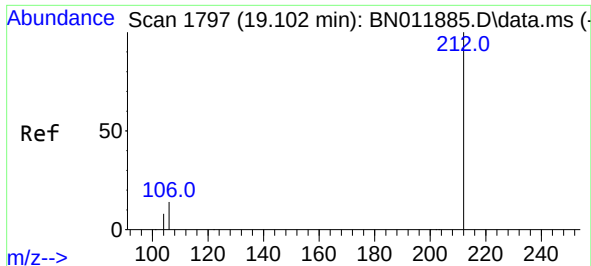
Tgt Ion:178 Resp: 17759  
Ion Ratio Lower Upper  
178 100  
176 19.2 15.1 22.7  
179 15.7 12.3 18.5



#26  
Anthracene  
Concen: 0.40 ng  
RT: 17.187 min Scan# 1510  
Delta R.T. -0.012 min  
Lab File: BN011931.D  
Acq: 25 Sep 2020 02:53

Tgt Ion:178 Resp: 15147  
Ion Ratio Lower Upper  
178 100  
176 19.4 14.6 21.8  
179 15.1 12.4 18.6

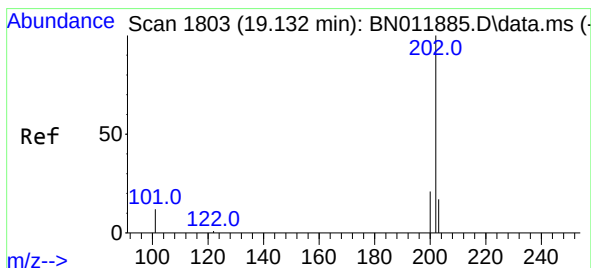
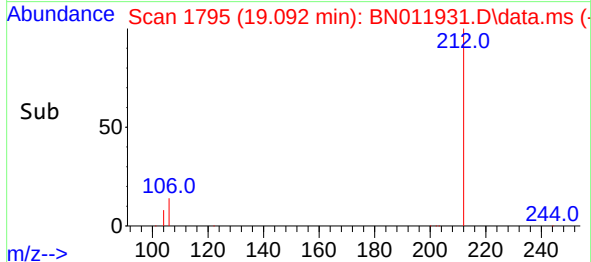
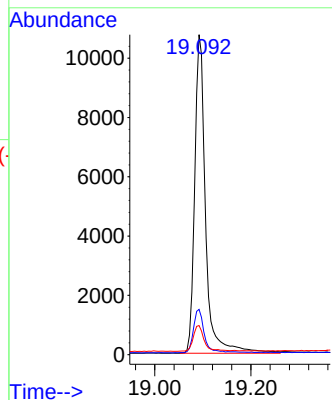
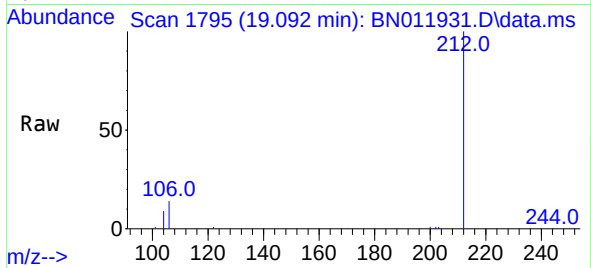




#27  
Fluoranthene-d10  
Concen: 0.40 ng  
RT: 19.092 min Scan# 1795  
Delta R.T. -0.010 min  
Lab File: BN011931.D  
Acq: 25 Sep 2020 02:53

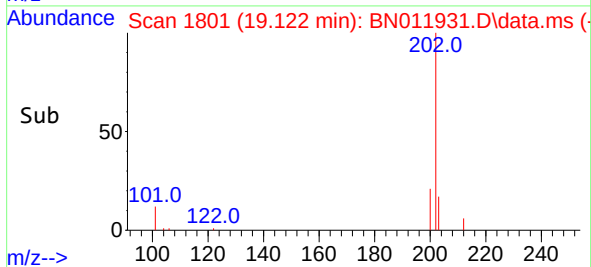
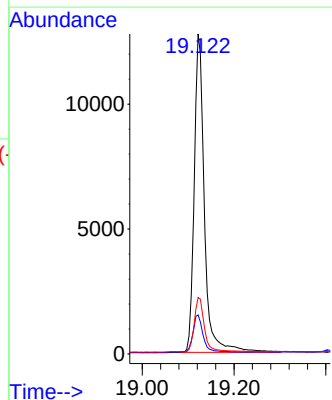
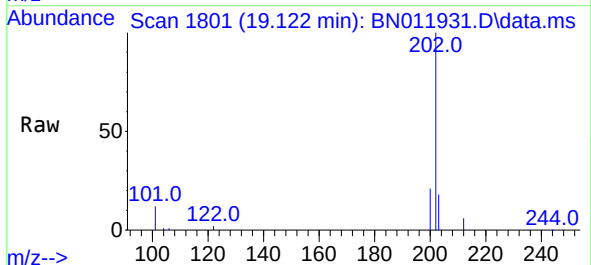
Instrument :  
BNA\_N  
ClientSampleId :  
PB131870BS

Tgt Ion:212 Resp: 16950  
Ion Ratio Lower Upper  
212 100  
106 13.9 6.4 9.6#  
104 8.1 3.9 5.9#

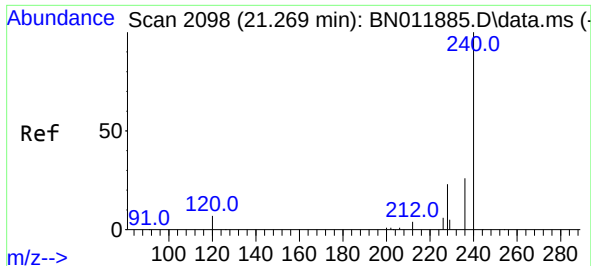


#28  
Fluoranthene  
Concen: 0.40 ng  
RT: 19.122 min Scan# 1801  
Delta R.T. -0.010 min  
Lab File: BN011931.D  
Acq: 25 Sep 2020 02:53

Tgt Ion:202 Resp: 19702  
Ion Ratio Lower Upper  
202 100  
101 12.4 5.4 8.2#  
203 17.1 13.8 20.6



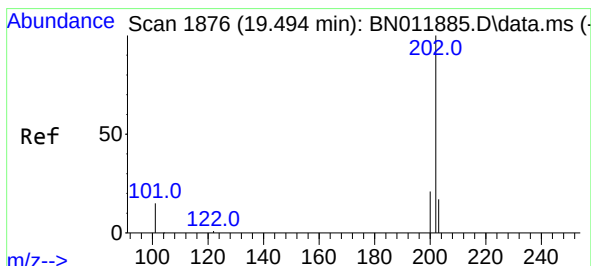
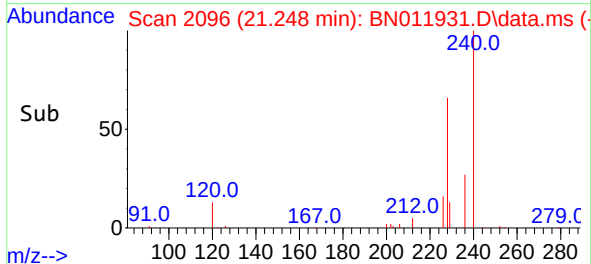
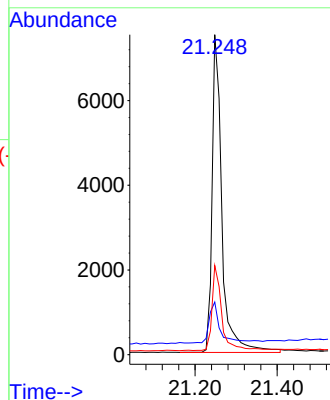
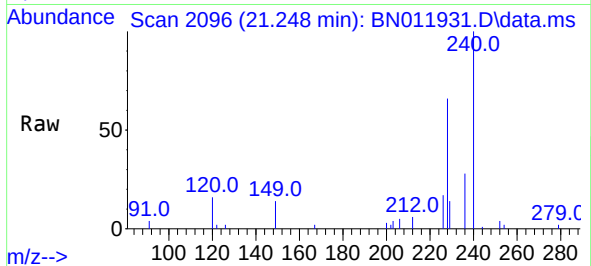




#29  
Chrysene-d12  
Concen: 0.40 ng  
RT: 21.248 min Scan# 2096  
Delta R.T. -0.021 min  
Lab File: BN011931.D  
Acq: 25 Sep 2020 02:53

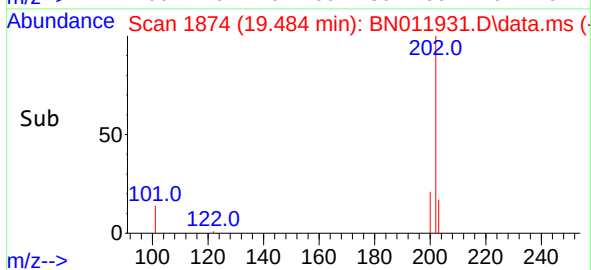
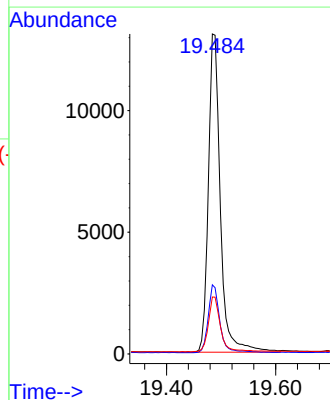
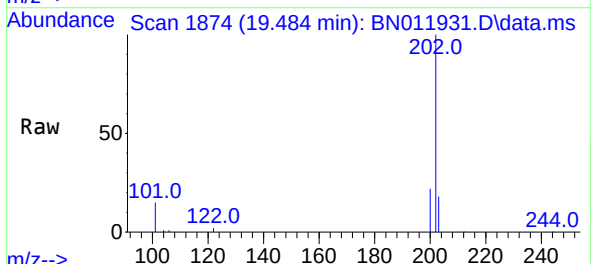
Instrument :  
BNA\_N  
ClientSampleId :  
PB131870BS

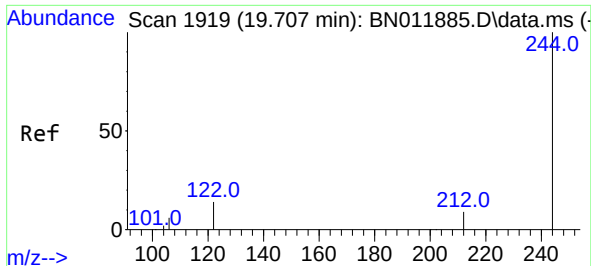
Tgt Ion:240 Resp: 12489  
Ion Ratio Lower Upper  
240 100  
120 16.4 3.5 5.3#  
236 27.8 20.5 30.7



#30  
Pyrene  
Concen: 0.43 ng  
RT: 19.484 min Scan# 1874  
Delta R.T. -0.010 min  
Lab File: BN011931.D  
Acq: 25 Sep 2020 02:53

Tgt Ion:202 Resp: 20073  
Ion Ratio Lower Upper  
202 100  
200 20.8 16.5 24.7  
203 17.6 13.9 20.9

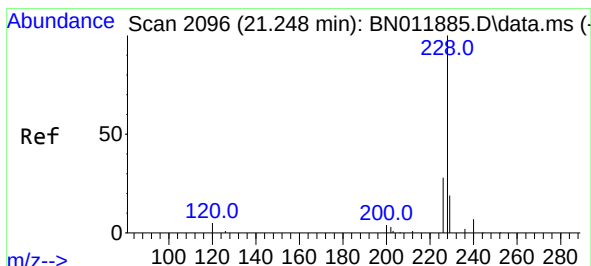
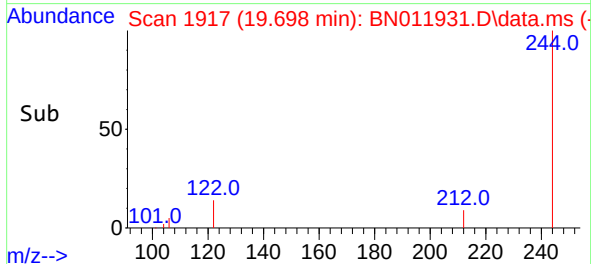
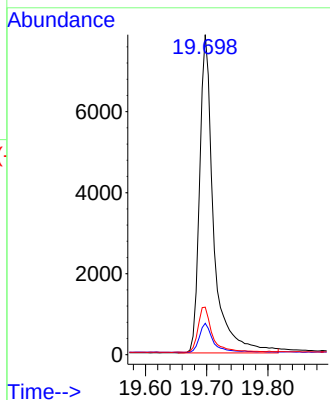
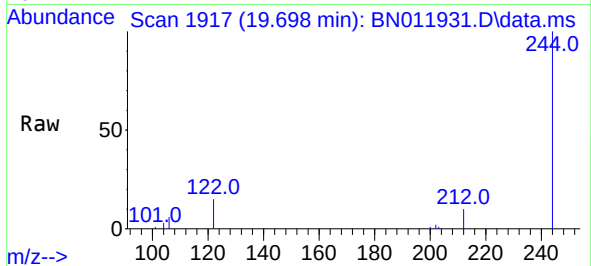




#31  
Terphenyl-d14  
Concen: 0.44 ng  
RT: 19.698 min Scan# 1917  
Delta R.T. -0.010 min  
Lab File: BN011931.D  
Acq: 25 Sep 2020 02:53

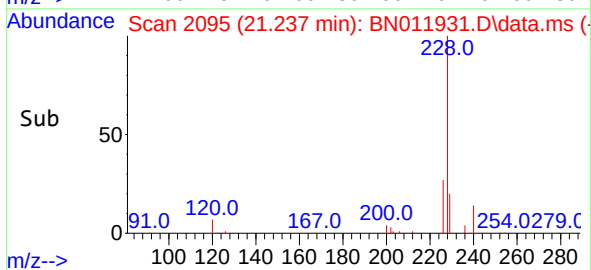
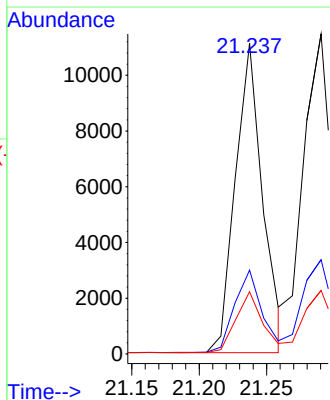
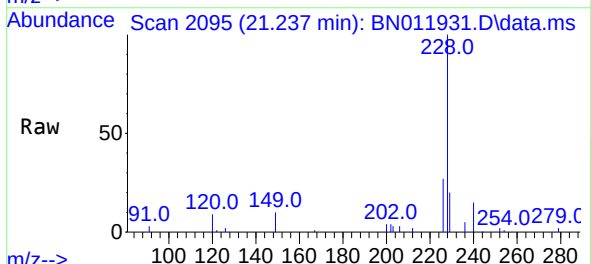
Instrument :  
BNA\_N  
ClientSampleId :  
PB131870BS

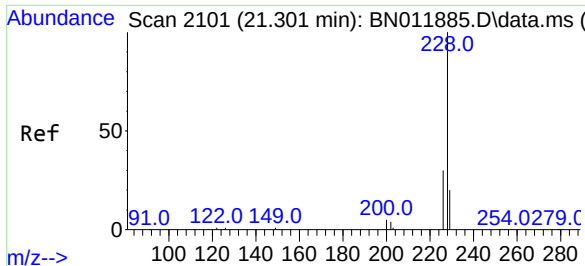
Tgt Ion:244 Resp: 12555  
Ion Ratio Lower Upper  
244 100  
212 9.8 7.3 10.9  
122 14.8 7.8 11.6#



#32  
Benzo(a)anthracene  
Concen: 0.39 ng  
RT: 21.237 min Scan# 2095  
Delta R.T. -0.011 min  
Lab File: BN011931.D  
Acq: 25 Sep 2020 02:53

Tgt Ion:228 Resp: 15639  
Ion Ratio Lower Upper  
228 100  
226 27.0 21.0 31.4  
229 20.0 16.0 24.0

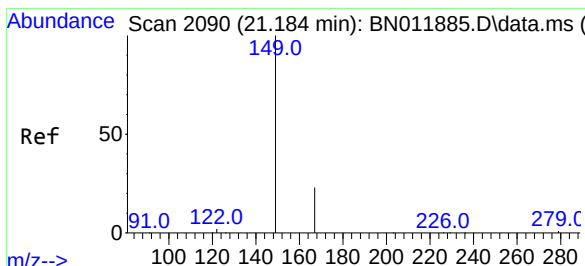
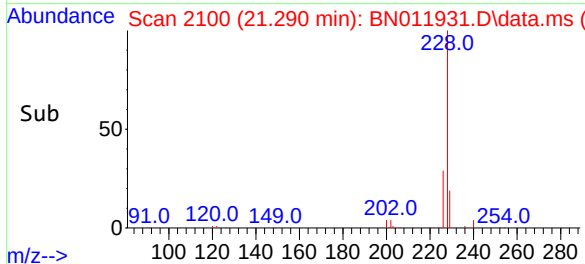
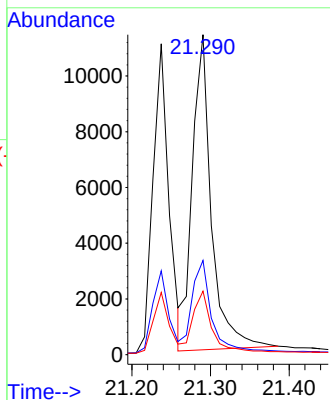
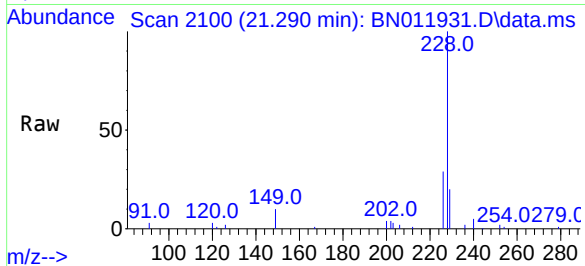




#33  
Chrysene  
Concen: 0.44 ng  
RT: 21.290 min Scan# 2100  
Delta R.T. -0.011 min  
Lab File: BN011931.D  
Acq: 25 Sep 2020 02:53

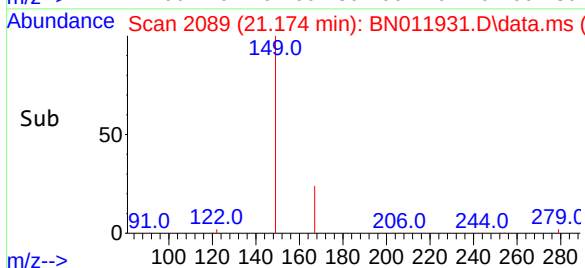
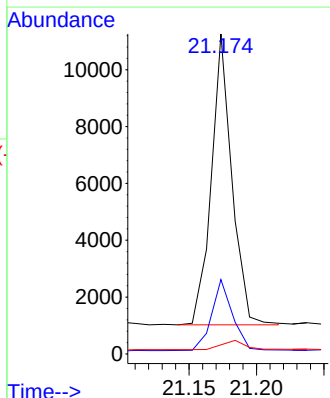
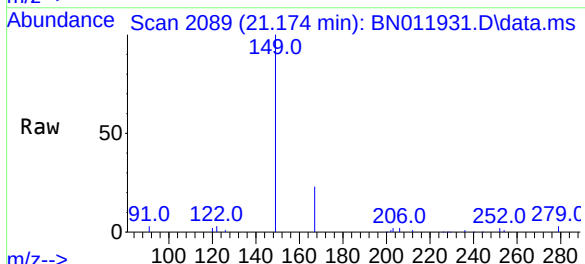
Instrument :  
BNA\_N  
ClientSampleId :  
PB131870BS

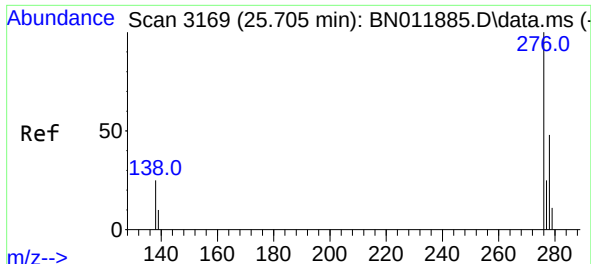
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 228   | Resp: | 19002 |
| Ion Ratio | Lower | Upper |       |
| 228       | 100   |       |       |
| 226       | 29.4  | 23.3  | 34.9  |
| 229       | 19.9  | 15.8  | 23.8  |



#34  
Bis(2-ethylhexyl)phthalate  
Concen: 0.38 ng  
RT: 21.174 min Scan# 2089  
Delta R.T. -0.011 min  
Lab File: BN011931.D  
Acq: 25 Sep 2020 02:53

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 149   | Resp: | 10850 |
| Ion Ratio | Lower | Upper |       |
| 149       | 100   |       |       |
| 167       | 24.9  | 23.6  | 35.4  |
| 279       | 3.6   | 4.0   | 6.0#  |

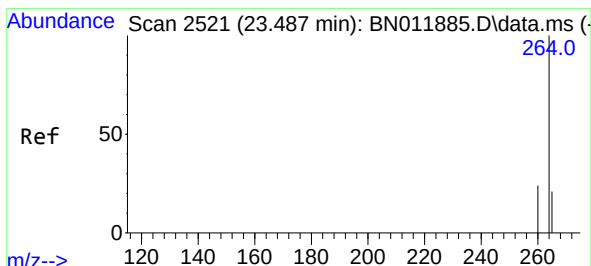
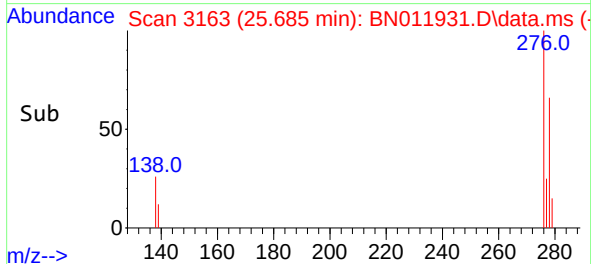
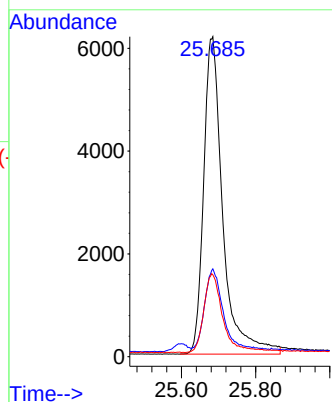
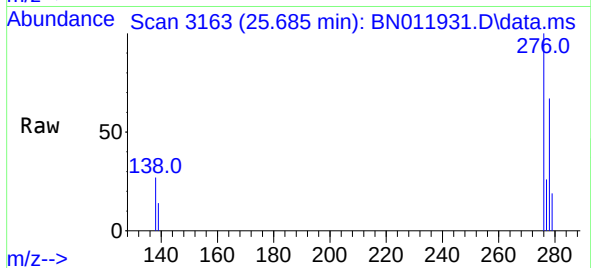




#35  
Indeno(1,2,3-cd)pyrene  
Concen: 0.45 ng  
RT: 25.685 min Scan# 3163  
Delta R.T. -0.020 min  
Lab File: BN011931.D  
Acq: 25 Sep 2020 02:53

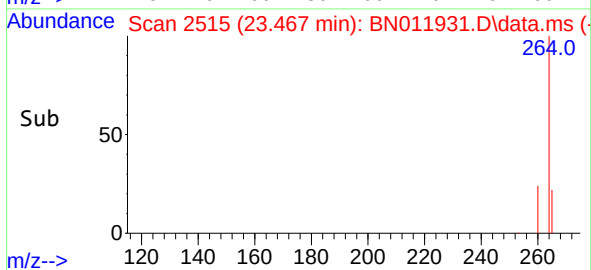
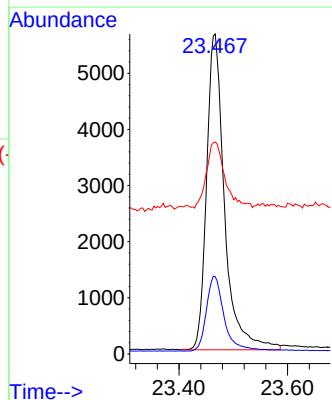
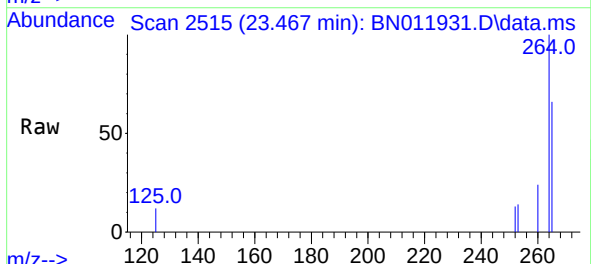
Instrument :  
BNA\_N  
ClientSampleId :  
PB131870BS

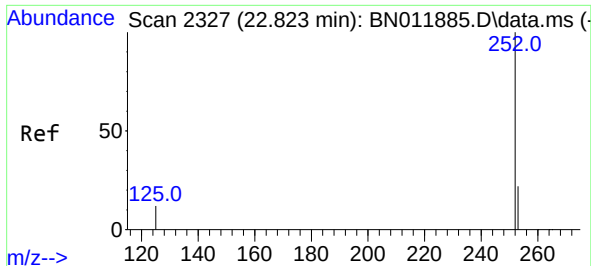
Tgt Ion:276 Resp: 22146  
Ion Ratio Lower Upper  
276 100  
138 24.8 13.0 19.4#  
277 24.1 20.0 30.0



#36  
Perylene-d12  
Concen: 0.40 ng  
RT: 23.467 min Scan# 2515  
Delta R.T. -0.020 min  
Lab File: BN011931.D  
Acq: 25 Sep 2020 02:53

Tgt Ion:264 Resp: 12912  
Ion Ratio Lower Upper  
264 100  
260 24.1 19.6 29.4  
265 66.3 38.6 58.0#

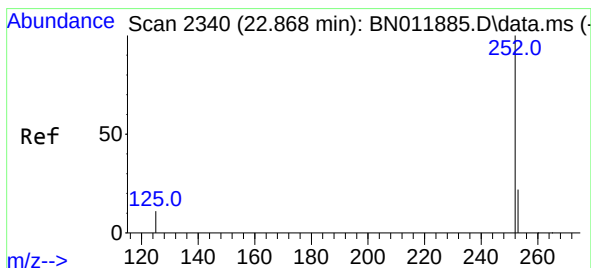
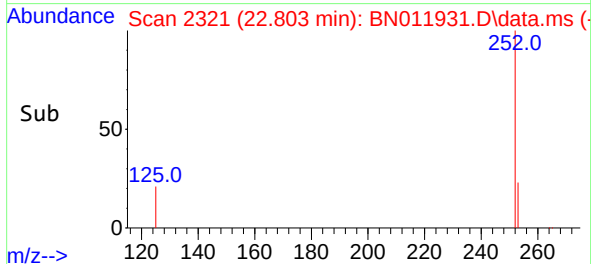
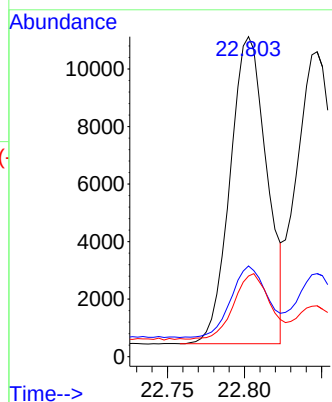
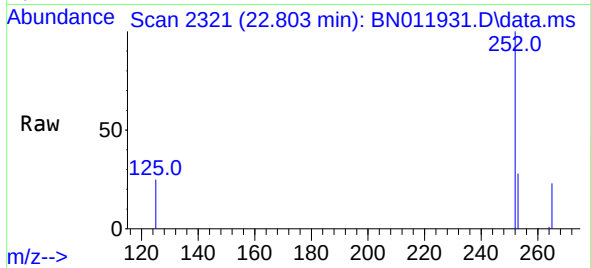




#37  
Benzo(b)fluoranthene  
Concen: 0.40 ng  
RT: 22.803 min Scan# 2321  
Delta R.T. -0.020 min  
Lab File: BN011931.D  
Acq: 25 Sep 2020 02:53

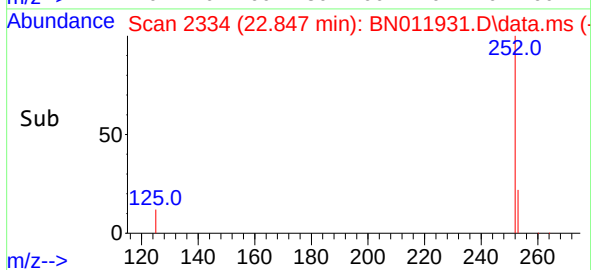
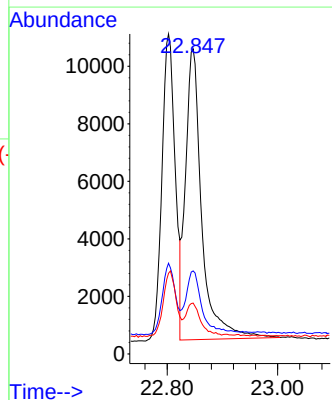
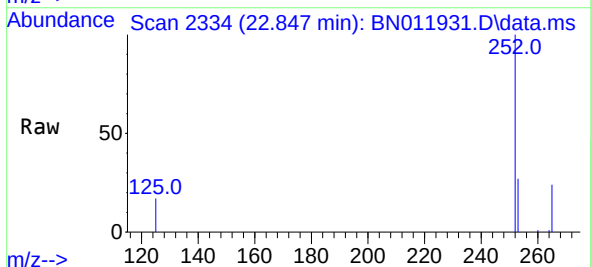
Instrument :  
BNA\_N  
ClientSampleId :  
PB131870BS

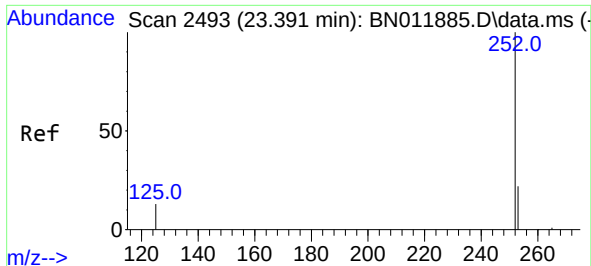
Tgt Ion:252 Resp: 17700  
Ion Ratio Lower Upper  
252 100  
253 28.4 19.1 28.7  
125 25.2 6.2 9.2#



#38  
Benzo(k)fluoranthene  
Concen: 0.43 ng  
RT: 22.847 min Scan# 2334  
Delta R.T. -0.020 min  
Lab File: BN011931.D  
Acq: 25 Sep 2020 02:53

Tgt Ion:252 Resp: 20653  
Ion Ratio Lower Upper  
252 100  
253 27.3 19.3 28.9  
125 16.7 6.0 9.0#





#39

Benzo(a)pyrene

Concen: 0.42 ng

RT: 23.367 min Scan# 2486

Delta R.T. -0.024 min

Lab File: BN011931.D

Acq: 25 Sep 2020 02:53

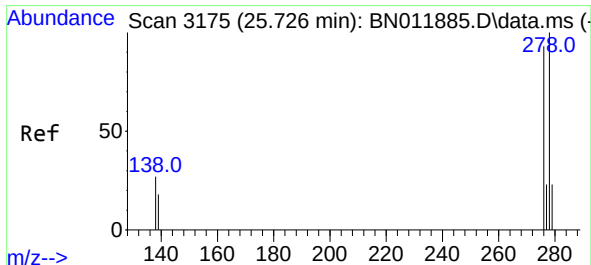
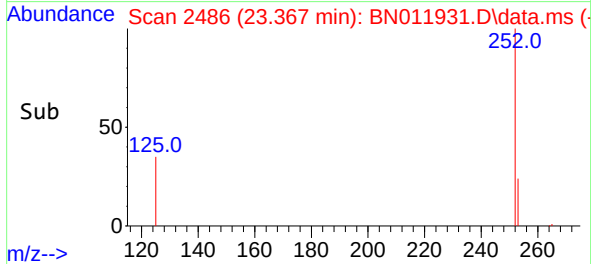
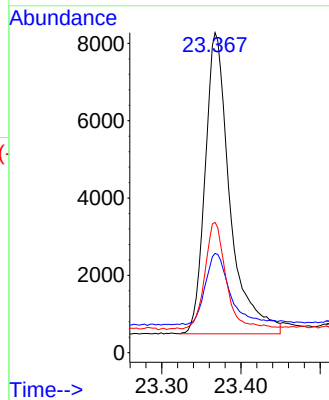
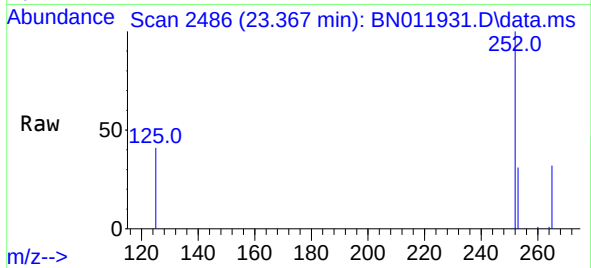
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 252   | Resp: | 16991 |
| Ion Ratio | Lower | Upper |       |
| 252       | 100   |       |       |
| 253       | 31.0  | 19.8  | 29.6# |
| 125       | 40.7  | 7.3   | 10.9# |

Instrument :

BNA\_N

ClientSampleId :

PB131870BS



#40

Dibenzo(a,h)anthracene

Concen: 0.40 ng

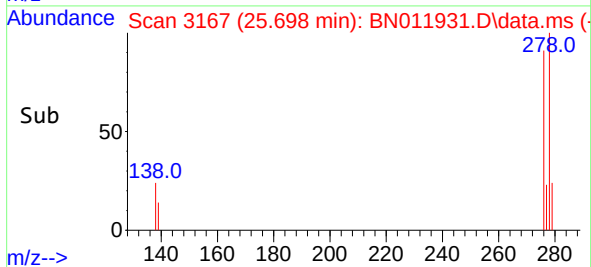
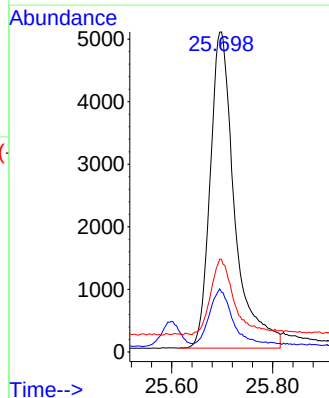
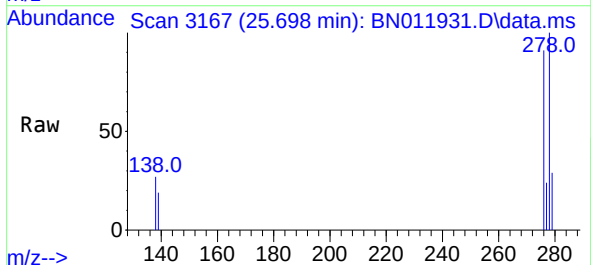
RT: 25.698 min Scan# 3167

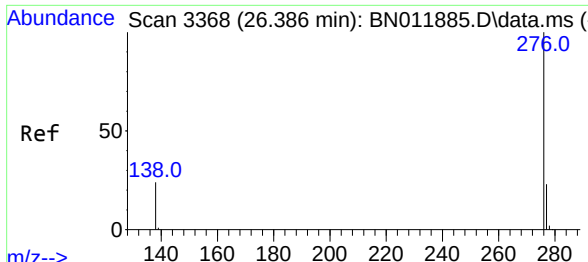
Delta R.T. -0.027 min

Lab File: BN011931.D

Acq: 25 Sep 2020 02:53

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 278   | Resp: | 16972 |
| Ion Ratio | Lower | Upper |       |
| 278       | 100   |       |       |
| 139       | 18.7  | 8.6   | 13.0# |
| 279       | 28.9  | 19.8  | 29.8  |





#41  
Benzo(g,h,i)perylene  
Concen: 0.42 ng  
RT: 26.355 min Scan# 3359  
Delta R.T. -0.031 min  
Lab File: BN011931.D  
Acq: 25 Sep 2020 02:53

Instrument :  
BNA\_N  
ClientSampleId :  
PB131870BS

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 276   | Resp: | 19189 |
| Ion      | Ratio | Lower | Upper |
| 276      | 100   |       |       |
| 277      | 24.5  | 19.4  | 29.0  |
| 138      | 24.8  | 11.3  | 16.9# |

