

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN092320\  
 Data File : BN011890.D  
 Acq On : 23 Sep 2020 18:45  
 Operator : CG/JU  
 Sample : SSTDICV0.4  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 ICVBN092320

Quant Time: Sep 23 19:32:16 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

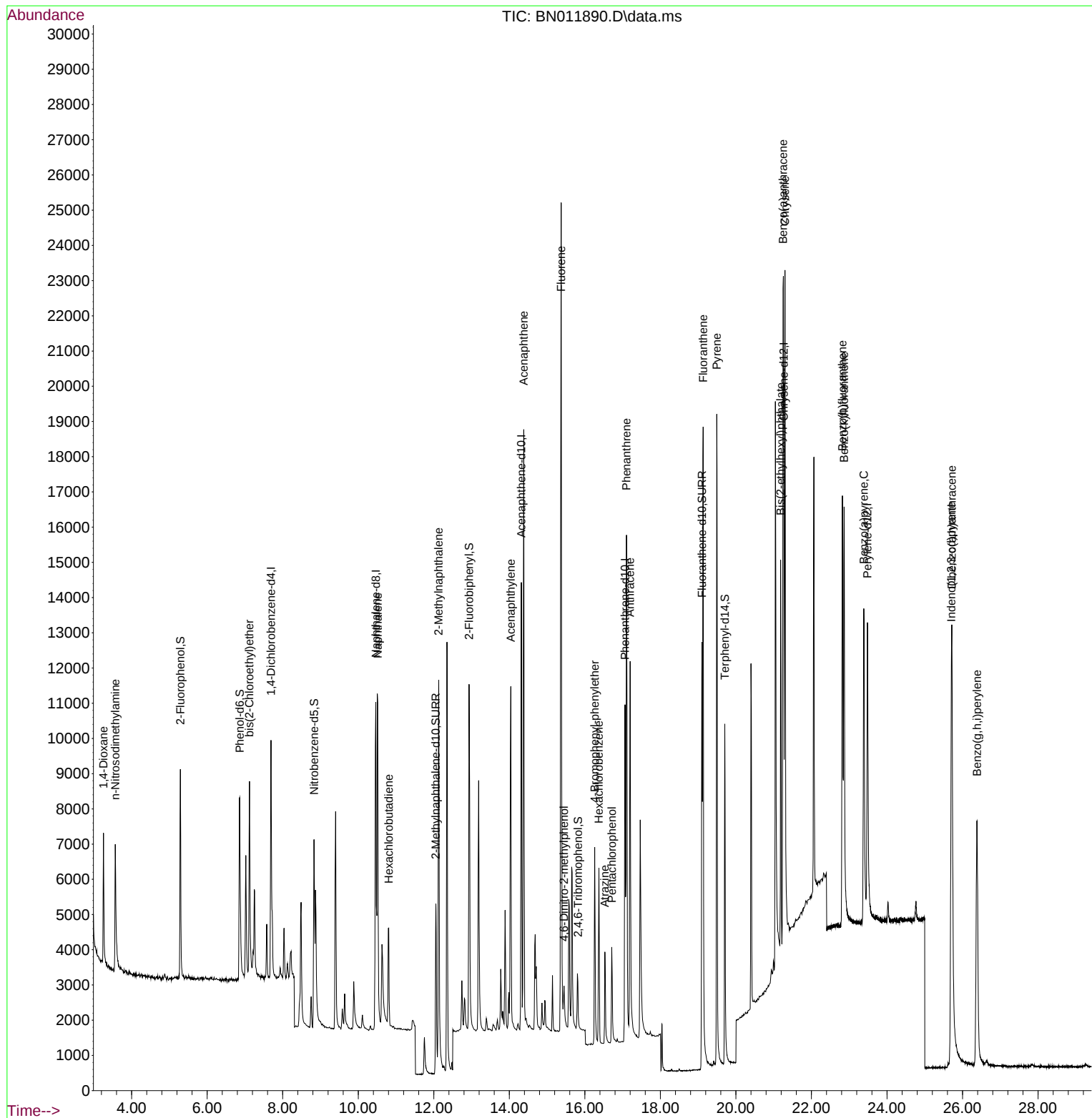
| Compound                      | R.T.   | QIon | Response | Conc | Units | Dev(Min) |
|-------------------------------|--------|------|----------|------|-------|----------|
| -----                         |        |      |          |      |       |          |
| Internal Standards            |        |      |          |      |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.691  | 152  | 3411     | 0.40 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.466 | 136  | 14128    | 0.40 | ng    | # 0.00   |
| 13) Acenaphthene-d10          | 14.319 | 164  | 7201     | 0.40 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.066 | 188  | 14454    | 0.40 | ng    | 0.00     |
| 29) Chrysene-d12              | 21.269 | 240  | 13184    | 0.40 | ng    | # 0.00   |
| 36) Perylene-d12              | 23.484 | 264  | 12643    | 0.40 | ng    | # 0.00   |
| System Monitoring Compounds   |        |      |          |      |       |          |
| 4) 2-Fluorophenol             | 5.291  | 112  | 4454     | 0.37 | ng    | 0.00     |
| 5) Phenol-d6                  | 6.861  | 99   | 5587     | 0.37 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 8.831  | 82   | 5273     | 0.36 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 12.055 | 152  | 8121     | 0.36 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.816 | 330  | 1213     | 0.35 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 12.936 | 172  | 9965     | 0.37 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.102 | 212  | 15272    | 0.36 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.708 | 244  | 11103    | 0.37 | ng    | 0.00     |
| Target Compounds              |        |      |          |      |       |          |
|                               |        |      |          |      |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.253  | 88   | 2171     | 0.37 | ng    | 93       |
| 3) n-Nitrosodimethylamine     | 3.568  | 42   | 3143     | 0.37 | ng    | 87       |
| 6) bis(2-Chloroethyl)ether    | 7.119  | 93   | 4649     | 0.36 | ng    | 93       |
| 9) Naphthalene                | 10.516 | 128  | 14681    | 0.36 | ng    | 99       |
| 10) Hexachlorobutadiene       | 10.808 | 225  | 2436     | 0.37 | ng    | # 98     |
| 12) 2-Methylnaphthalene       | 12.131 | 142  | 9320     | 0.36 | ng    | 99       |
| 16) Acenaphthylene            | 14.040 | 152  | 12163    | 0.35 | ng    | 99       |
| 17) Acenaphthene              | 14.382 | 154  | 8753     | 0.37 | ng    | 94       |
| 18) Fluorene                  | 15.372 | 166  | 10398    | 0.36 | ng    | 99       |
| 20) 4,6-Dinitro-2-methylph... | 15.448 | 198  | 961      | 0.35 | ng    | # 17     |
| 21) 4-Bromophenyl-phenylether | 16.262 | 248  | 2771     | 0.36 | ng    | # 69     |
| 22) Hexachlorobenzene         | 16.372 | 284  | 3354     | 0.38 | ng    | # 85     |
| 23) Atrazine                  | 16.530 | 200  | 2581     | 0.35 | ng    | # 90     |
| 24) Pentachlorophenol         | 16.713 | 266  | 1469     | 0.34 | ng    | 96       |
| 25) Phenanthrene              | 17.102 | 178  | 15838    | 0.36 | ng    | 99       |
| 26) Anthracene                | 17.199 | 178  | 13639    | 0.35 | ng    | 98       |
| 28) Fluoranthene              | 19.132 | 202  | 17611    | 0.36 | ng    | # 94     |
| 30) Pyrene                    | 19.494 | 202  | 18143    | 0.37 | ng    | 100      |
| 32) Benzo(a)anthracene        | 21.248 | 228  | 15492    | 0.37 | ng    | 99       |
| 33) Chrysene                  | 21.301 | 228  | 16291    | 0.36 | ng    | 99       |
| 34) Bis(2-ethylhexyl)phtha... | 21.184 | 149  | 10494    | 0.35 | ng    | # 91     |
| 35) Indeno(1,2,3-cd)pyrene    | 25.705 | 276  | 17861    | 0.35 | ng    | # 91     |
| 37) Benzo(b)fluoranthene      | 22.820 | 252  | 15254    | 0.35 | ng    | # 84     |
| 38) Benzo(k)fluoranthene      | 22.864 | 252  | 16981    | 0.36 | ng    | # 87     |
| 39) Benzo(a)pyrene            | 23.388 | 252  | 14639    | 0.37 | ng    | # 76     |
| 40) Dibenzo(a,h)anthracene    | 25.719 | 278  | 14286    | 0.35 | ng    | # 85     |
| 41) Benzo(g,h,i)perylene      | 26.383 | 276  | 15779    | 0.35 | ng    | # 89     |
| -----                         |        |      |          |      |       |          |

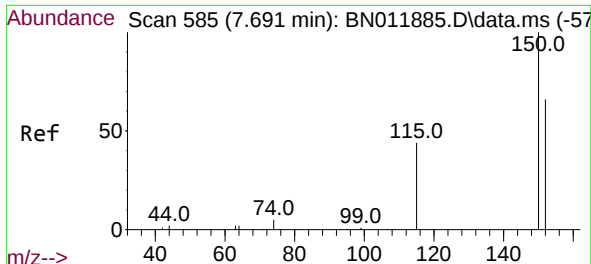
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN092320\  
Data File : BN011890.D  
Acq On : 23 Sep 2020 18:45  
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Sample : SSTDICV0.4  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

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Quant Time: Sep 23 19:32:16 2020  
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Sep 23 18:41:41 2020  
Response via : Initial Calibration

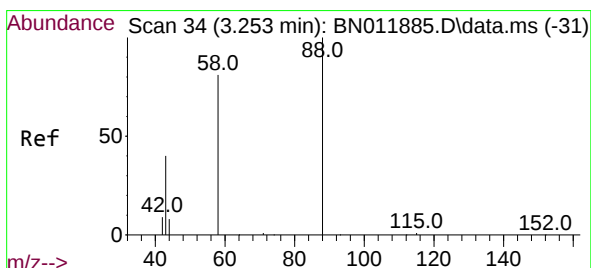
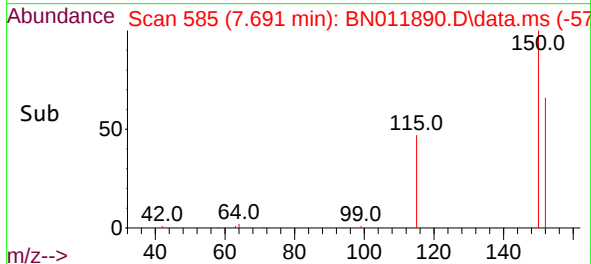
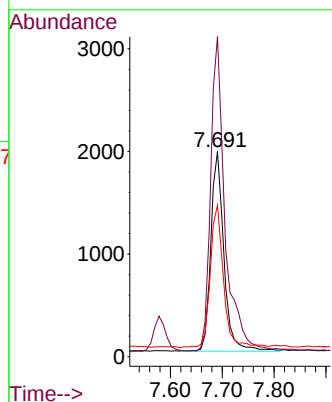
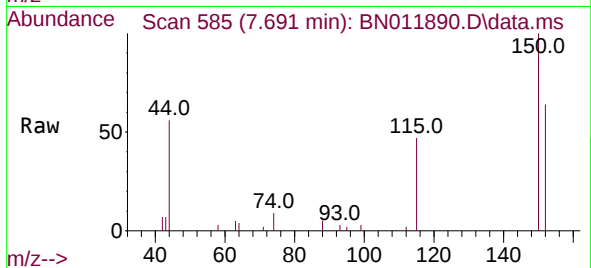




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.40 ng  
 RT: 7.691 min Scan# 585  
 Delta R.T. -0.000 min  
 Lab File: BN011890.D  
 Acq: 23 Sep 2020 18:45

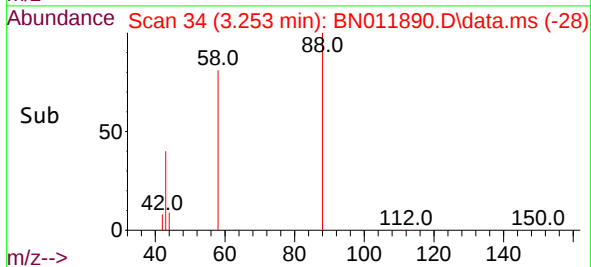
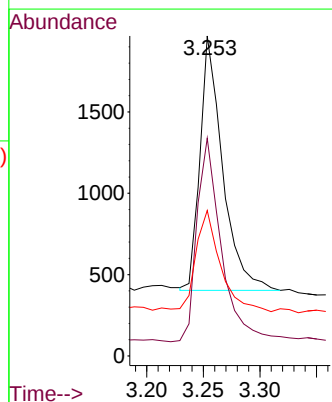
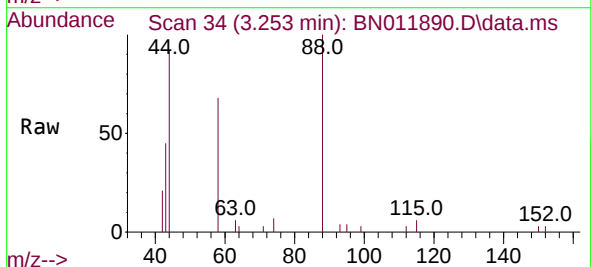
Instrument :  
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 ICVBN092320

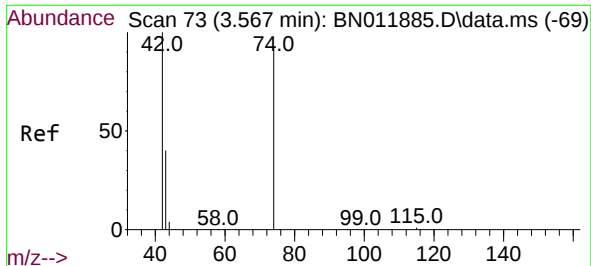
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 Ion Ratio Lower Upper  
 152 100  
 150 156.0 118.3 177.5  
 115 73.8 51.3 76.9



#2  
 1,4-Dioxane  
 Concen: 0.37 ng  
 RT: 3.253 min Scan# 34  
 Delta R.T. 0.000 min  
 Lab File: BN011890.D  
 Acq: 23 Sep 2020 18:45

Tgt Ion: 88 Resp: 2171  
 Ion Ratio Lower Upper  
 88 100  
 58 86.6 63.3 94.9  
 43 43.3 33.0 49.4

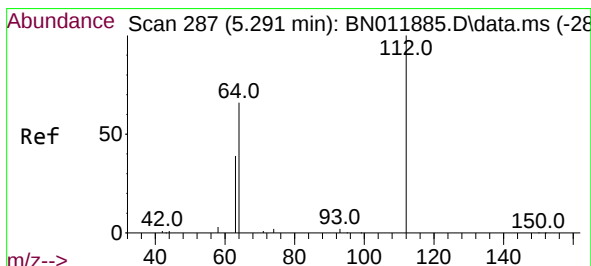
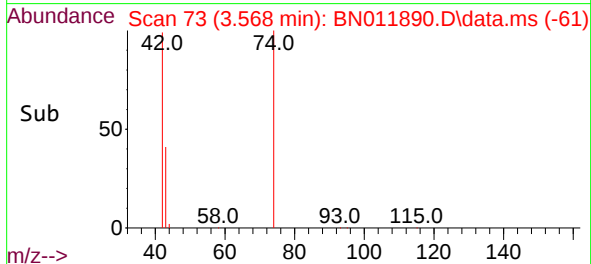
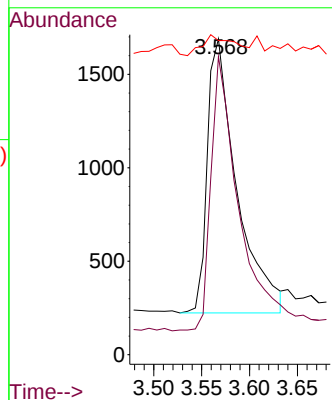
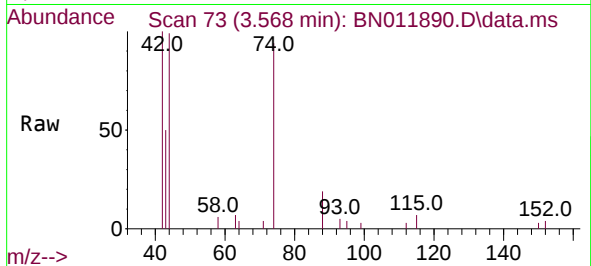




#3  
n-Nitrosodimethylamine  
Concen: 0.37 ng  
RT: 3.568 min Scan# 73  
Delta R.T. 0.001 min  
Lab File: BN011890.D  
Acq: 23 Sep 2020 18:45

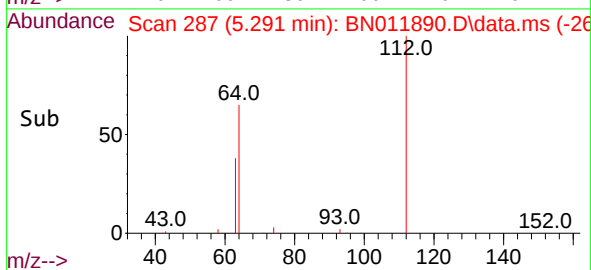
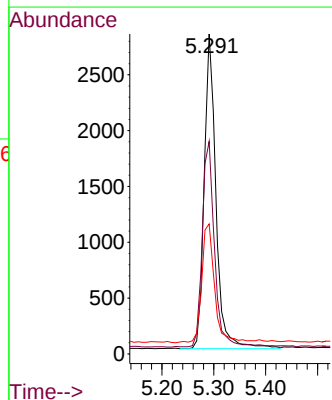
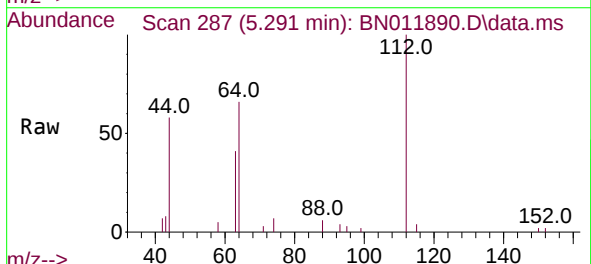
Instrument :  
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ClientSampleId :  
ICVBN092320

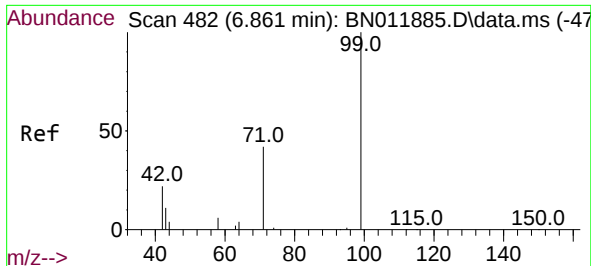
Tgt Ion: 42 Resp: 3143  
Ion Ratio Lower Upper  
42 100  
74 93.2 64.4 96.6  
44 8.2 6.7 10.1



#4  
2-Fluorophenol  
Concen: 0.37 ng  
RT: 5.291 min Scan# 287  
Delta R.T. 0.000 min  
Lab File: BN011890.D  
Acq: 23 Sep 2020 18:45

Tgt Ion: 112 Resp: 4454  
Ion Ratio Lower Upper  
112 100  
64 68.4 49.0 73.6  
63 41.2 31.8 47.6

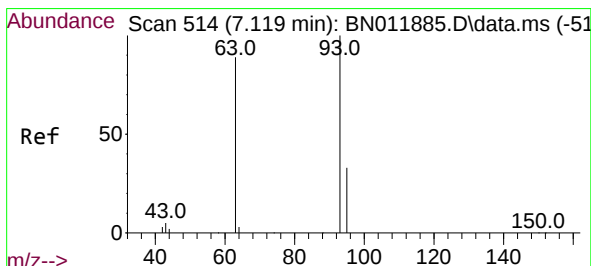
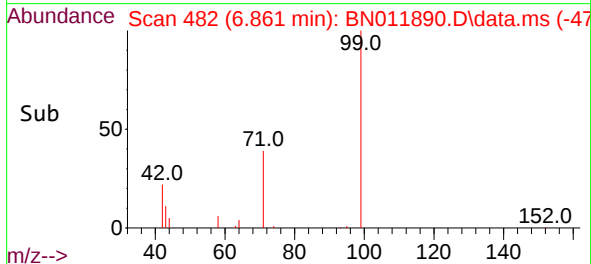
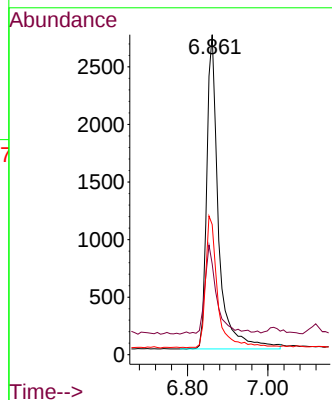
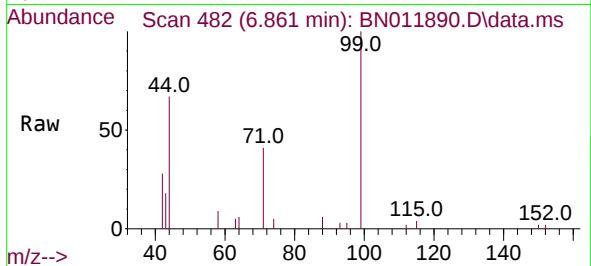




#5  
Phenol-d6  
Concen: 0.37 ng  
RT: 6.861 min Scan# 482  
Delta R.T. 0.000 min  
Lab File: BN011890.D  
Acq: 23 Sep 2020 18:45

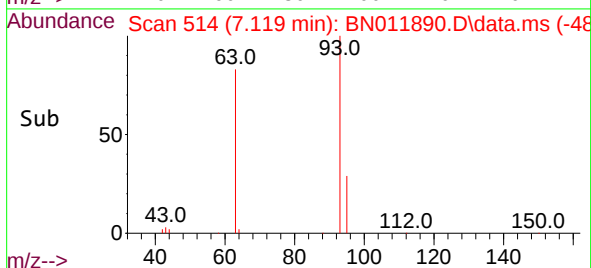
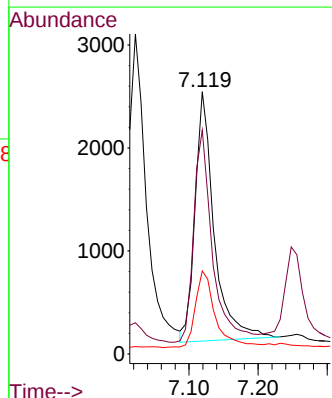
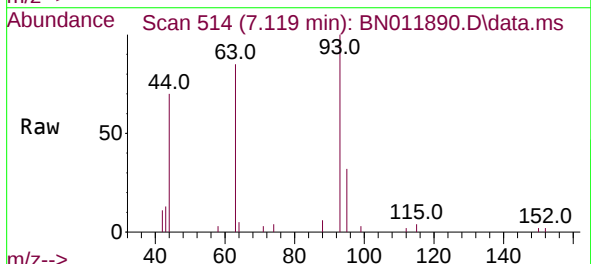
Instrument :  
BNA\_N  
ClientSampleId :  
ICVBN092320

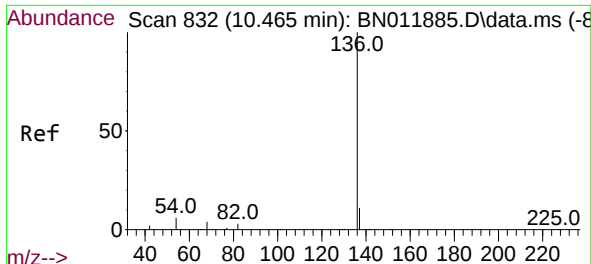
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|----------|-------|-------|-------|
| Tgt Ion: | 99    | Resp: | 5587  |
| Ion      | Ratio | Lower | Upper |
| 99       | 100   |       |       |
| 42       | 27.4  | 23.4  | 35.0  |
| 71       | 42.7  | 38.1  | 57.1  |



#6  
bis(2-Chloroethyl)ether  
Concen: 0.36 ng  
RT: 7.119 min Scan# 514  
Delta R.T. 0.000 min  
Lab File: BN011890.D  
Acq: 23 Sep 2020 18:45

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 93    | Resp: | 4649  |
| Ion      | Ratio | Lower | Upper |
| 93       | 100   |       |       |
| 63       | 84.3  | 61.1  | 91.7  |
| 95       | 32.3  | 25.5  | 38.3  |

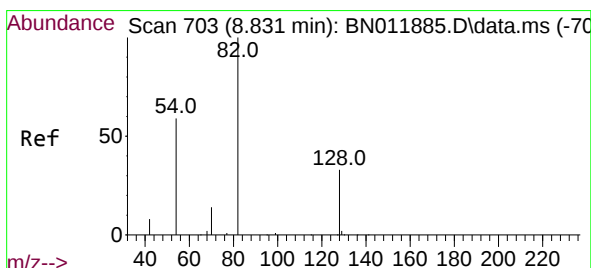
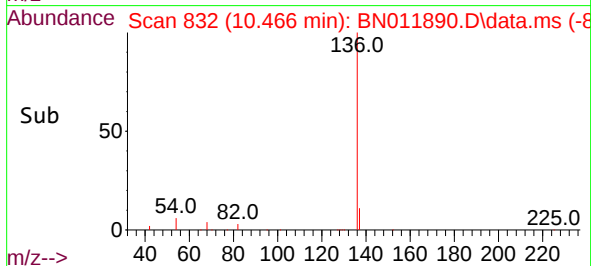
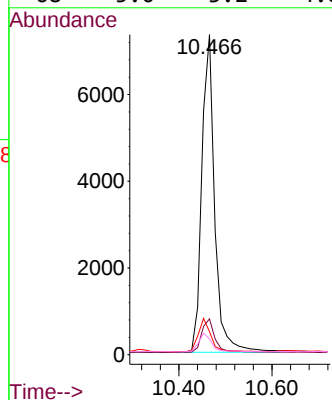
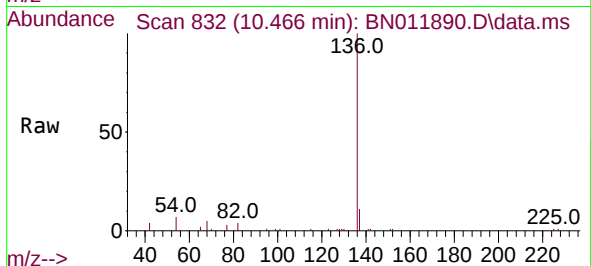




#7  
Naphthalene-d8  
Concen: 0.40 ng  
RT: 10.466 min Scan# 832  
Delta R.T. 0.000 min  
Lab File: BN011890.D  
Acq: 23 Sep 2020 18:45

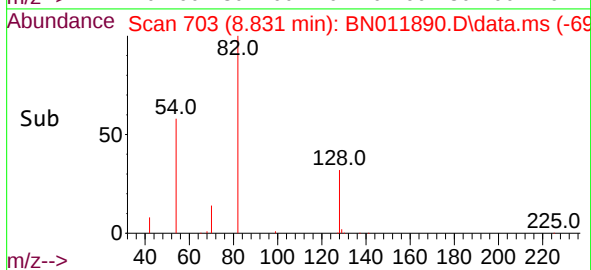
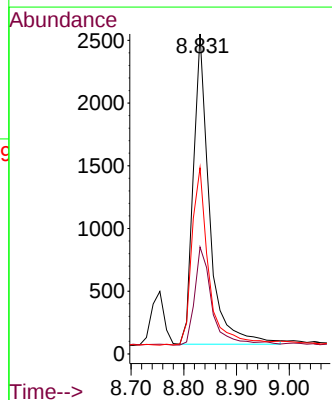
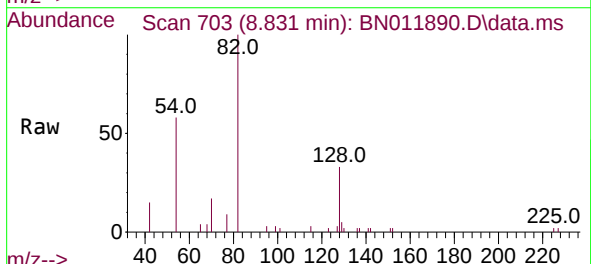
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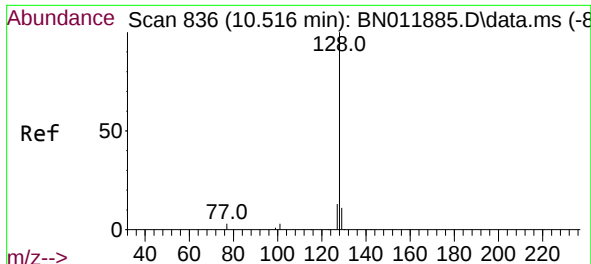
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|----------|-------|-------|-------|
| Tgt Ion: | 136   | Resp: | 14128 |
| Ion      | Ratio | Lower | Upper |
| 136      | 100   |       |       |
| 137      | 11.2  | 9.5   | 14.3  |
| 54       | 7.2   | 5.6   | 8.4   |
| 68       | 5.0   | 3.2   | 4.8#  |



#8  
Nitrobenzene-d5  
Concen: 0.36 ng  
RT: 8.831 min Scan# 703  
Delta R.T. 0.000 min  
Lab File: BN011890.D  
Acq: 23 Sep 2020 18:45

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 82    | Resp: | 5273  |
| Ion      | Ratio | Lower | Upper |
| 82       | 100   |       |       |
| 128      | 33.4  | 34.2  | 51.2# |
| 54       | 58.2  | 43.1  | 64.7  |

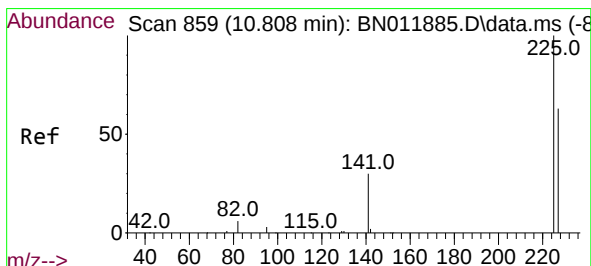
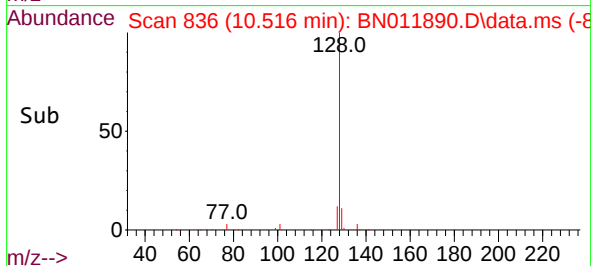
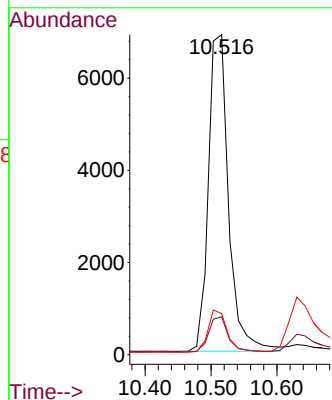
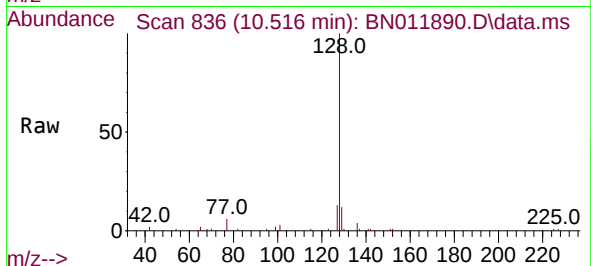




#9  
Naphthalene  
Concen: 0.36 ng  
RT: 10.516 min Scan# 836  
Delta R.T. 0.000 min  
Lab File: BN011890.D  
Acq: 23 Sep 2020 18:45

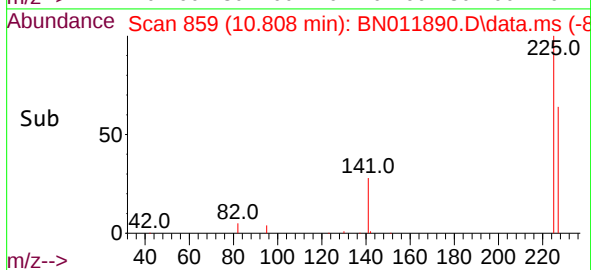
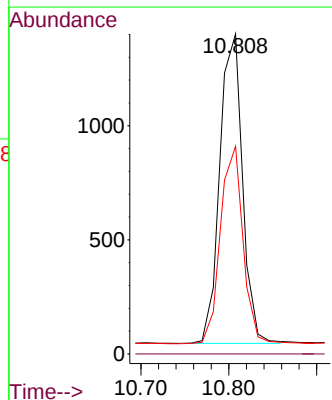
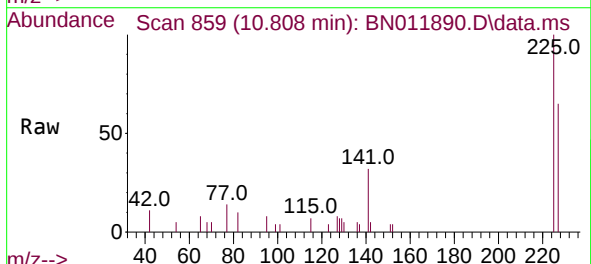
Instrument :  
BNA\_N  
ClientSampleId :  
ICVBN092320

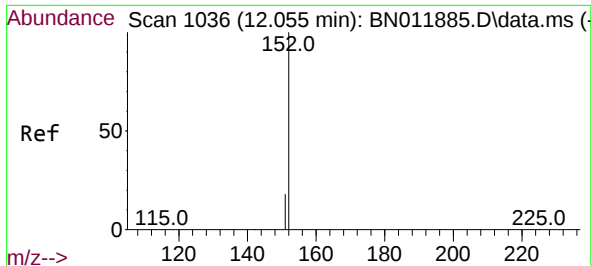
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| Tgt Ion: | 128   | Resp: | 14681 |
| Ion      | Ratio | Lower | Upper |
| 128      | 100   |       |       |
| 129      | 11.9  | 9.7   | 14.5  |
| 127      | 12.9  | 11.0  | 16.4  |



#10  
Hexachlorobutadiene  
Concen: 0.37 ng  
RT: 10.808 min Scan# 859  
Delta R.T. 0.000 min  
Lab File: BN011890.D  
Acq: 23 Sep 2020 18:45

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 225   | Resp: | 2436  |
| Ion      | Ratio | Lower | Upper |
| 225      | 100   |       |       |
| 223      | 0.0   | 0.0   | 0.0   |
| 227      | 63.2  | 51.9  | 77.9  |

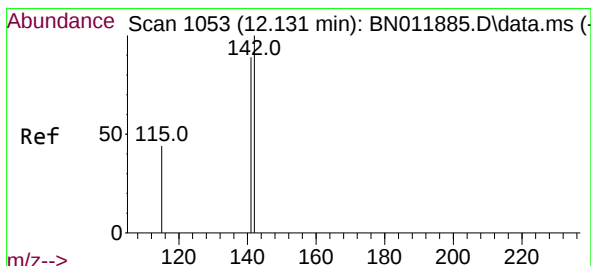
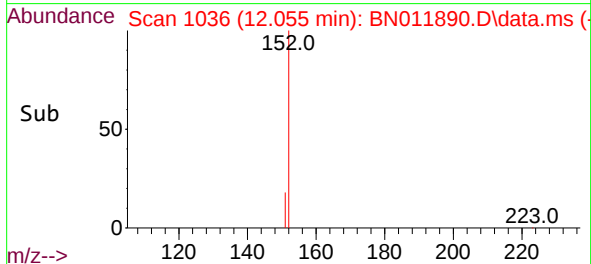
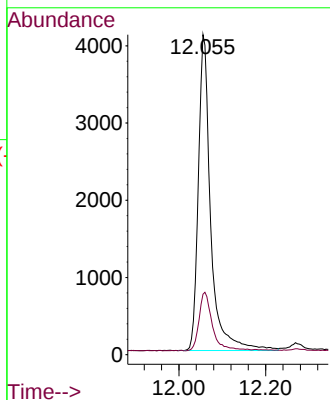
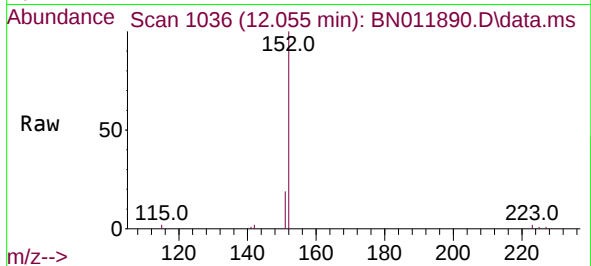




#11  
2-Methylnaphthalene-d10  
Concen: 0.36 ng  
RT: 12.055 min Scan# 1036  
Delta R.T. 0.000 min  
Lab File: BN011890.D  
Acq: 23 Sep 2020 18:45

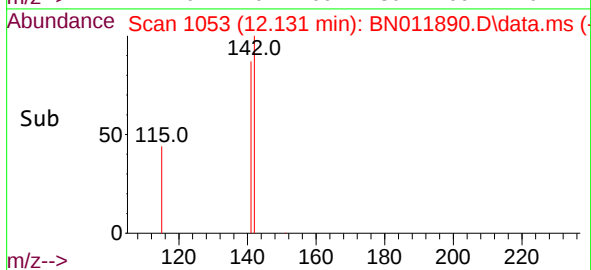
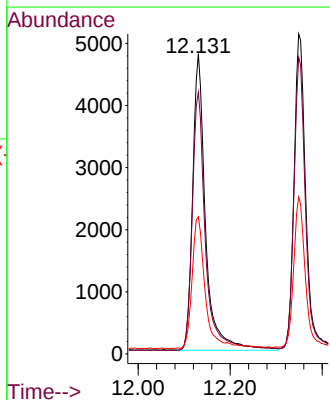
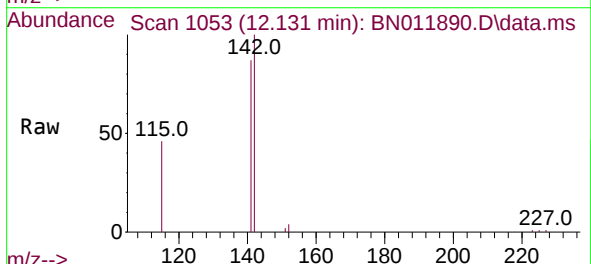
Instrument :  
BNA\_N  
ClientSampleId :  
ICVBN092320

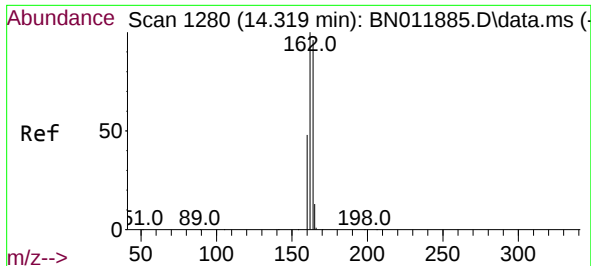
Tgt Ion:152 Resp: 8121  
Ion Ratio Lower Upper  
152 100  
151 20.1 16.7 25.1



#12  
2-Methylnaphthalene  
Concen: 0.36 ng  
RT: 12.131 min Scan# 1053  
Delta R.T. 0.000 min  
Lab File: BN011890.D  
Acq: 23 Sep 2020 18:45

Tgt Ion:142 Resp: 9320  
Ion Ratio Lower Upper  
142 100  
141 87.2 70.0 105.0  
115 45.7 35.8 53.6

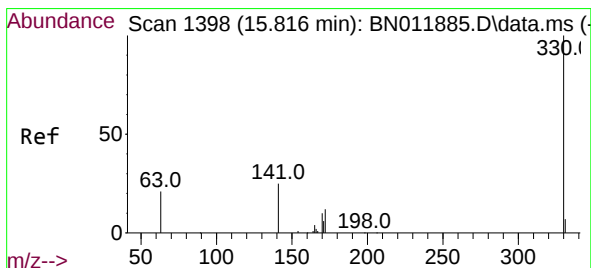
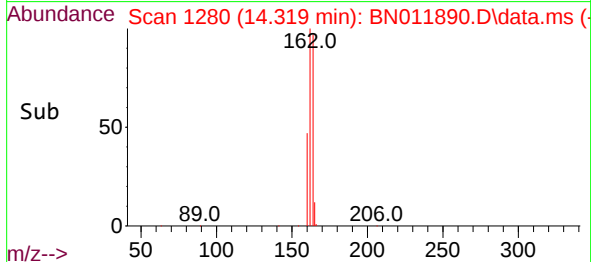
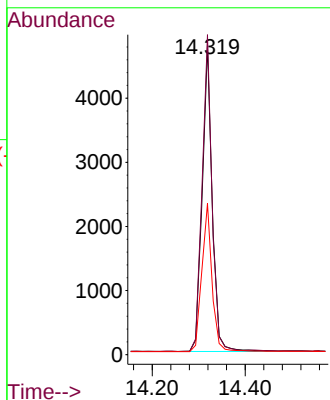
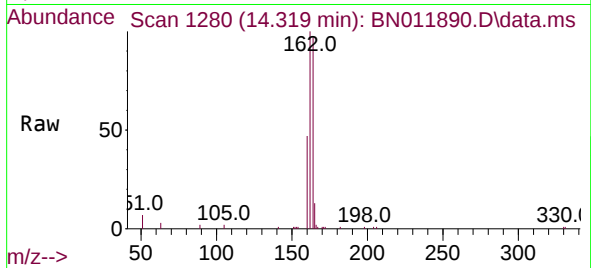




#13  
Acenaphthene-d10  
Concen: 0.40 ng  
RT: 14.319 min Scan# 1280  
Delta R.T. 0.000 min  
Lab File: BN011890.D  
Acq: 23 Sep 2020 18:45

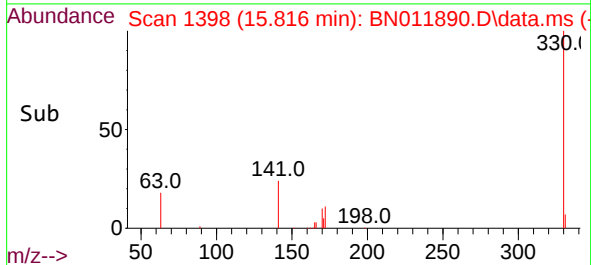
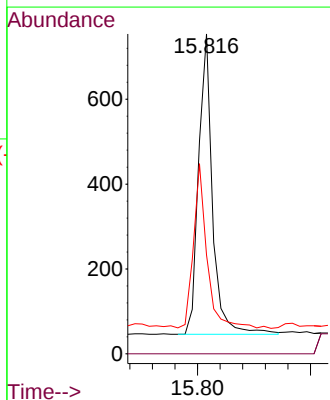
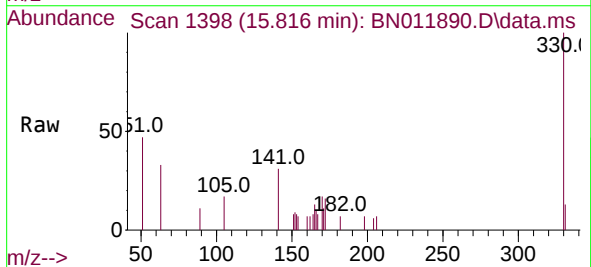
Instrument :  
BNA\_N  
ClientSampleId :  
ICVBN092320

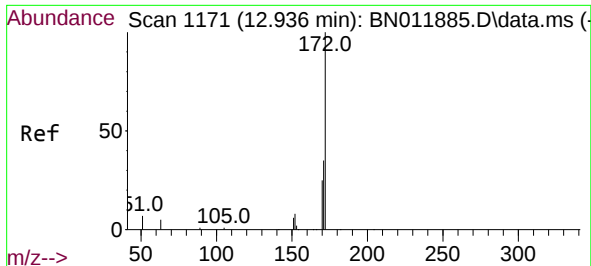
Tgt Ion:164 Resp: 7201  
Ion Ratio Lower Upper  
164 100  
162 103.5 83.6 125.4  
160 48.9 41.2 61.8



#14  
2,4,6-Tribromophenol  
Concen: 0.35 ng  
RT: 15.816 min Scan# 1398  
Delta R.T. 0.000 min  
Lab File: BN011890.D  
Acq: 23 Sep 2020 18:45

Tgt Ion:330 Resp: 1213  
Ion Ratio Lower Upper  
330 100  
332 0.0 0.0 0.0  
141 53.3 33.7 50.5#

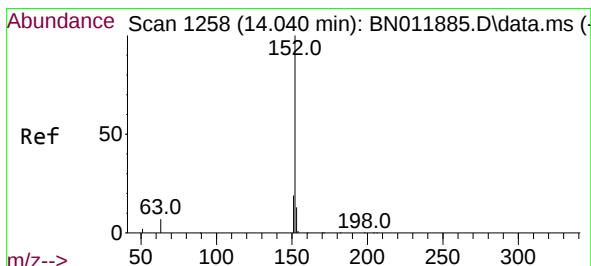
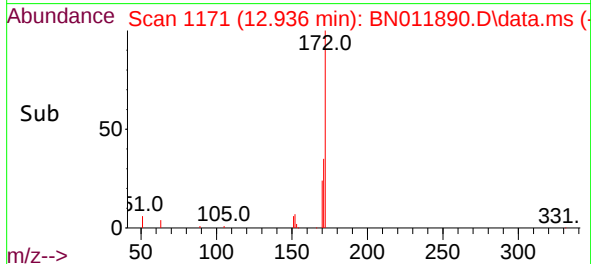
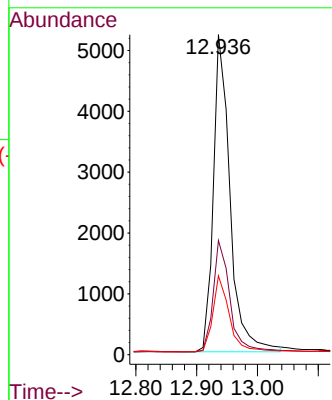
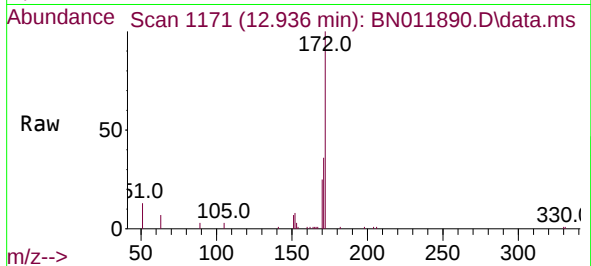




#15  
2-Fluorobiphenyl  
Concen: 0.37 ng  
RT: 12.936 min Scan# 1171  
Delta R.T. 0.000 min  
Lab File: BN011890.D  
Acq: 23 Sep 2020 18:45

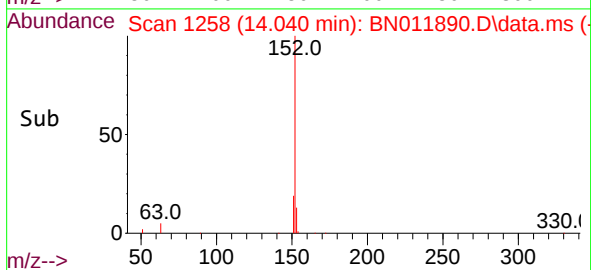
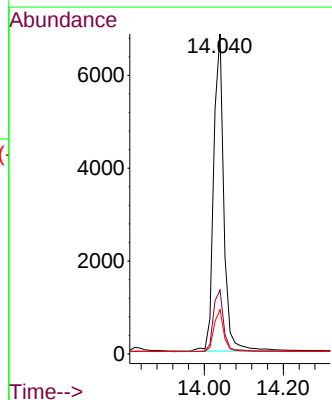
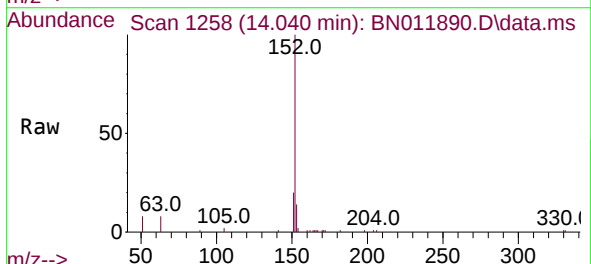
Instrument :  
BNA\_N  
ClientSampleId :  
ICVBN092320

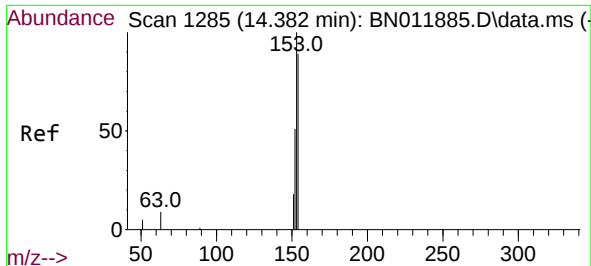
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 172   | Resp: | 9965  |
| Ion      | Ratio | Lower | Upper |
| 172      | 100   |       |       |
| 171      | 35.7  | 27.4  | 41.2  |
| 170      | 24.7  | 17.8  | 26.6  |



#16  
Acenaphthylene  
Concen: 0.35 ng  
RT: 14.040 min Scan# 1258  
Delta R.T. 0.000 min  
Lab File: BN011890.D  
Acq: 23 Sep 2020 18:45

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 152   | Resp: | 12163 |
| Ion      | Ratio | Lower | Upper |
| 152      | 100   |       |       |
| 151      | 19.7  | 15.9  | 23.9  |
| 153      | 13.5  | 10.5  | 15.7  |

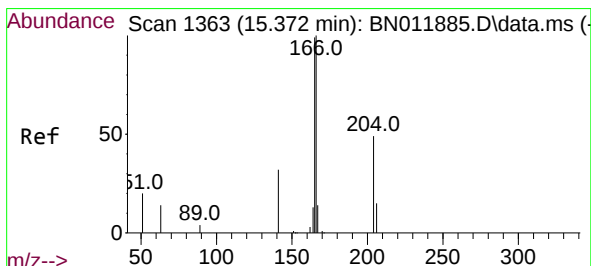
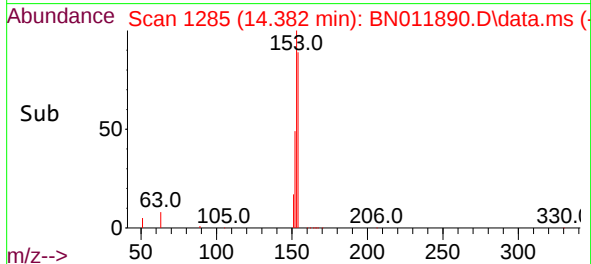
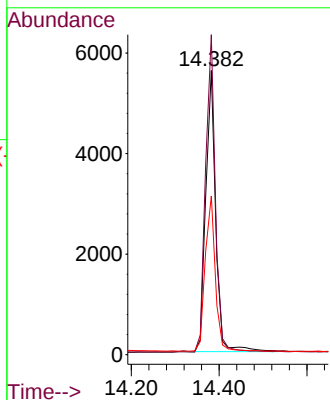
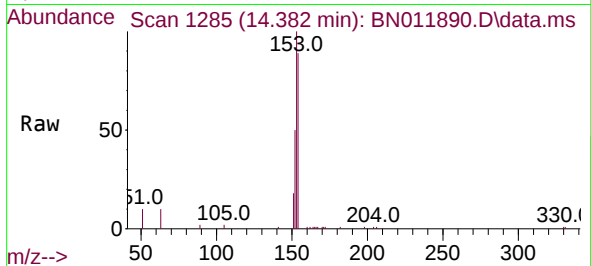




#17  
Acenaphthene  
Concen: 0.37 ng  
RT: 14.382 min Scan# 1285  
Delta R.T. 0.000 min  
Lab File: BN011890.D  
Acq: 23 Sep 2020 18:45

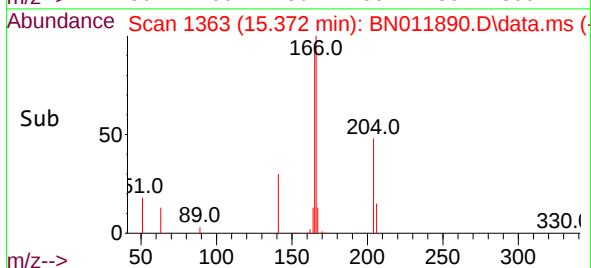
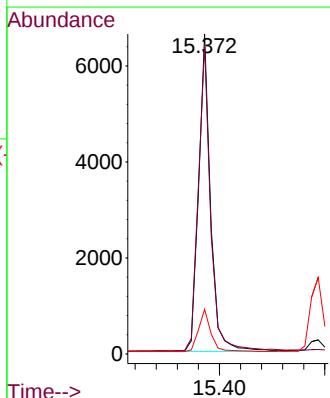
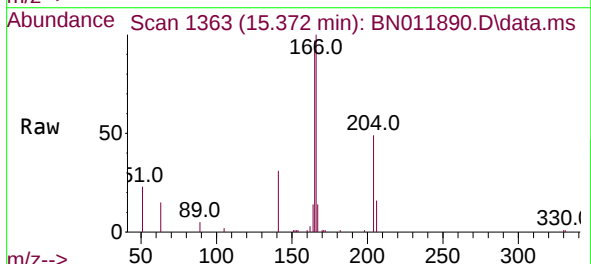
Instrument :  
BNA\_N  
ClientSampleId :  
ICVBN092320

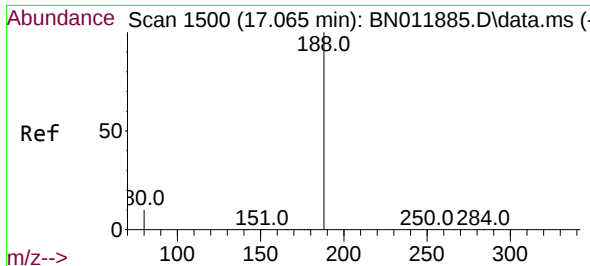
Tgt Ion:154 Resp: 8753  
Ion Ratio Lower Upper  
154 100  
153 112.1 83.4 125.2  
152 56.2 42.8 64.2



#18  
Fluorene  
Concen: 0.36 ng  
RT: 15.372 min Scan# 1363  
Delta R.T. 0.000 min  
Lab File: BN011890.D  
Acq: 23 Sep 2020 18:45

Tgt Ion:166 Resp: 10398  
Ion Ratio Lower Upper  
166 100  
165 99.0 78.8 118.2  
167 13.6 11.2 16.8

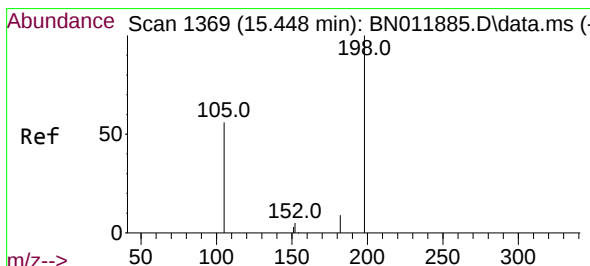
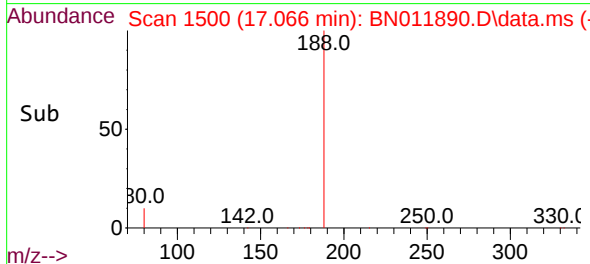
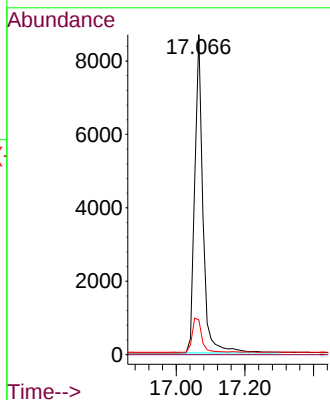
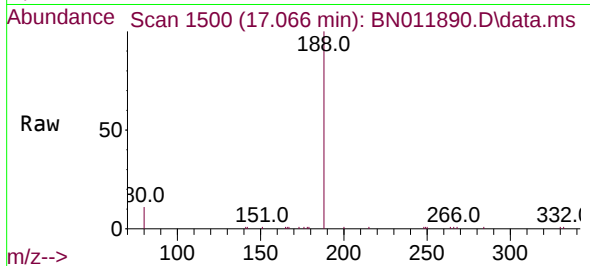




#19  
Phenanthrene-d10  
Concen: 0.40 ng  
RT: 17.066 min Scan# 1500  
Delta R.T. 0.000 min  
Lab File: BN011890.D  
Acq: 23 Sep 2020 18:45

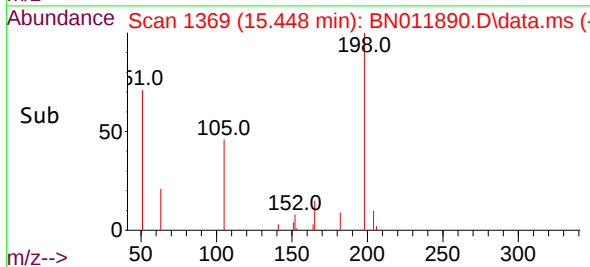
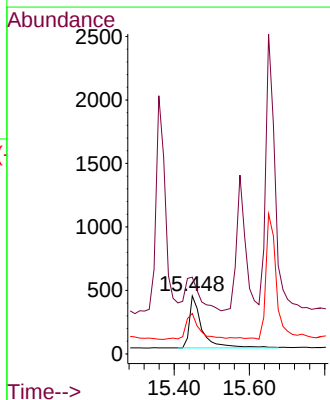
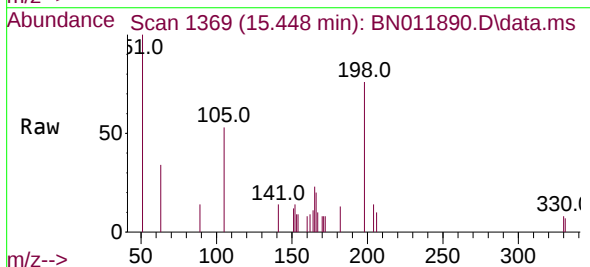
Instrument :  
BNA\_N  
ClientSampleId :  
ICVBN092320

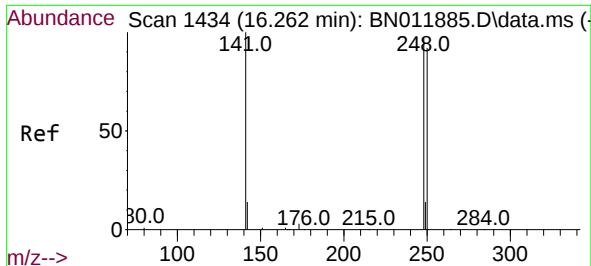
Tgt Ion:188 Resp: 14454  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 10.9 7.7 11.5



#20  
4,6-Dinitro-2-methylphenol  
Concen: 0.35 ng  
RT: 15.448 min Scan# 1369  
Delta R.T. 0.000 min  
Lab File: BN011890.D  
Acq: 23 Sep 2020 18:45

Tgt Ion:198 Resp: 961  
Ion Ratio Lower Upper  
198 100  
51 132.2 45.0 67.4#  
105 69.6 30.4 45.6#

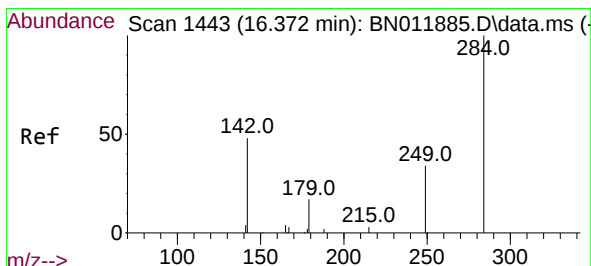
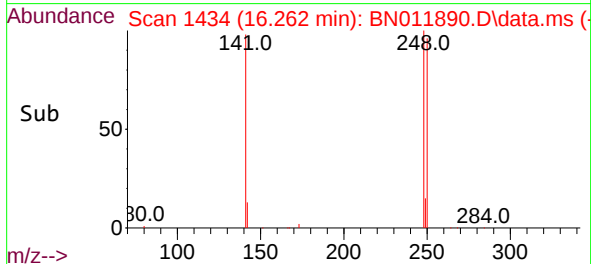
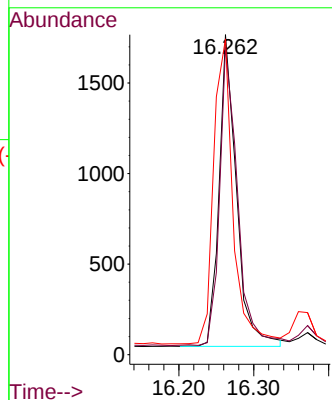
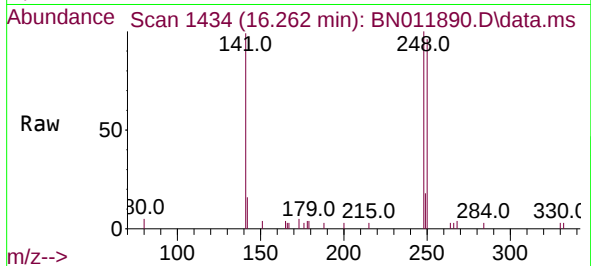




#21  
4-Bromophenyl-phenylether  
Concen: 0.36 ng  
RT: 16.262 min Scan# 1434  
Delta R.T. 0.000 min  
Lab File: BN011890.D  
Acq: 23 Sep 2020 18:45

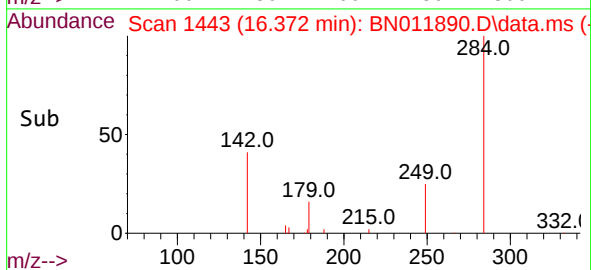
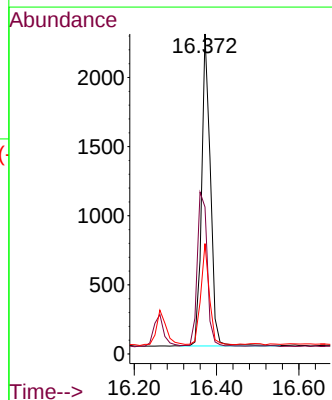
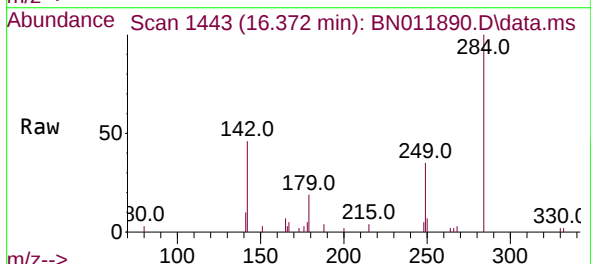
Instrument :  
BNA\_N  
ClientSampleId :  
ICVBN092320

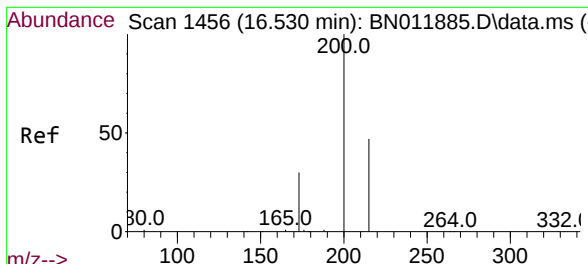
Tgt Ion:248 Resp: 2771  
Ion Ratio Lower Upper  
248 100  
250 96.2 82.7 124.1  
141 98.7 33.7 50.5#



#22  
Hexachlorobenzene  
Concen: 0.38 ng  
RT: 16.372 min Scan# 1443  
Delta R.T. 0.000 min  
Lab File: BN011890.D  
Acq: 23 Sep 2020 18:45

Tgt Ion:284 Resp: 3354  
Ion Ratio Lower Upper  
284 100  
142 55.7 32.4 48.6#  
249 31.3 26.8 40.2

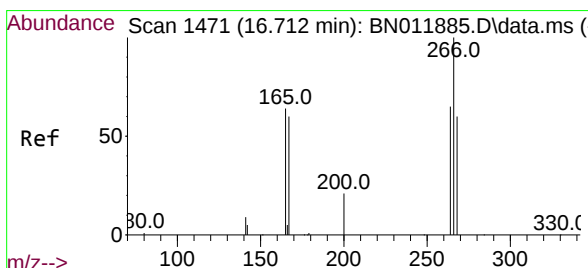
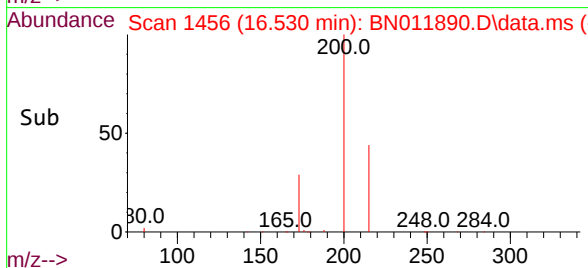
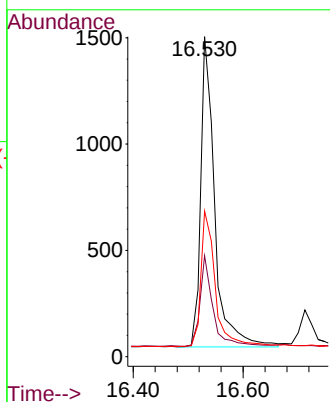
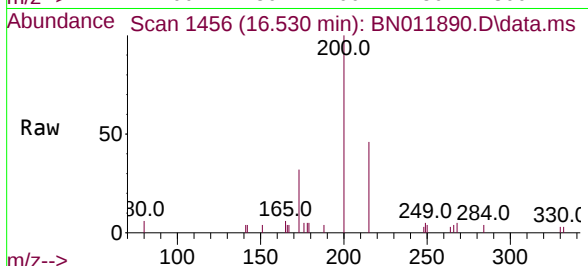




#23  
Atrazine  
Concen: 0.35 ng  
RT: 16.530 min Scan# 1456  
Delta R.T. 0.000 min  
Lab File: BN011890.D  
Acq: 23 Sep 2020 18:45

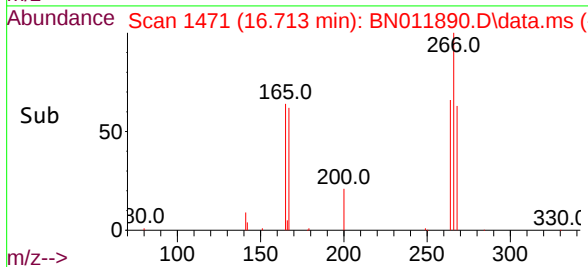
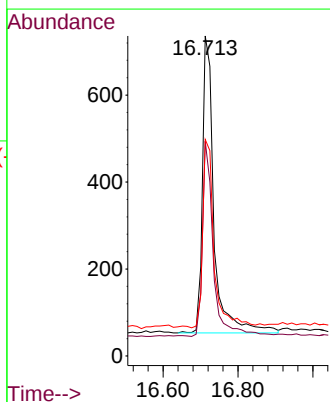
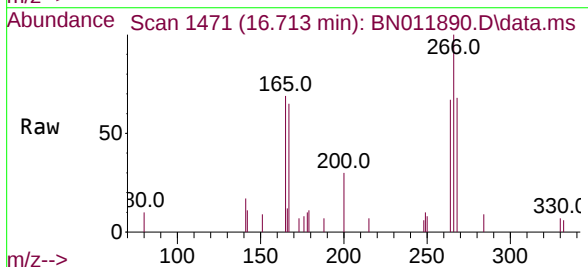
Instrument :  
BNA\_N  
ClientSampleId :  
ICVBN092320

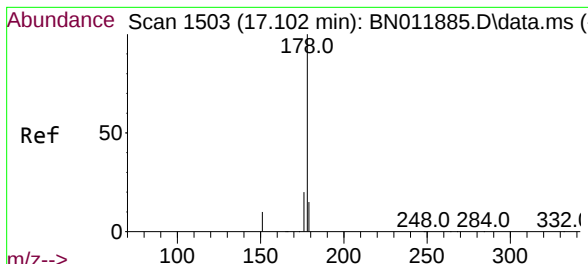
Tgt Ion:200 Resp: 2581  
Ion Ratio Lower Upper  
200 100  
173 31.6 18.7 28.1#  
215 45.5 40.2 60.4



#24  
Pentachlorophenol  
Concen: 0.34 ng  
RT: 16.713 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: BN011890.D  
Acq: 23 Sep 2020 18:45

Tgt Ion:266 Resp: 1469  
Ion Ratio Lower Upper  
266 100  
264 61.7 51.2 76.8  
268 62.0 52.4 78.6

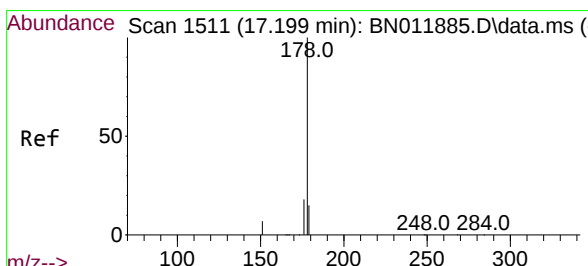
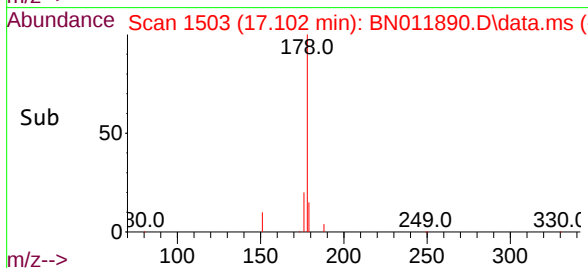
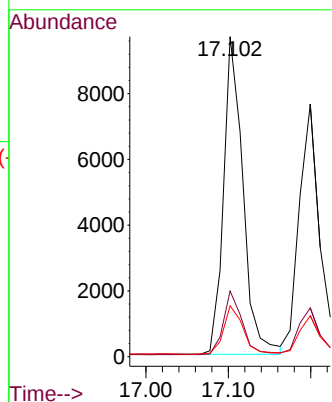
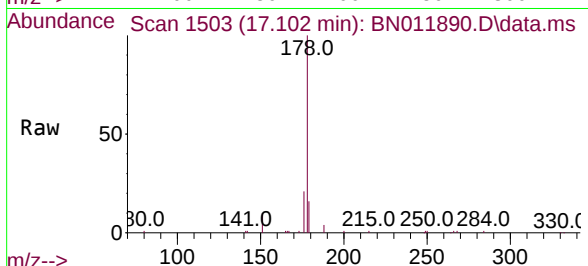




#25  
Phenanthrene  
Concen: 0.36 ng  
RT: 17.102 min Scan# 1503  
Delta R.T. 0.000 min  
Lab File: BN011890.D  
Acq: 23 Sep 2020 18:45

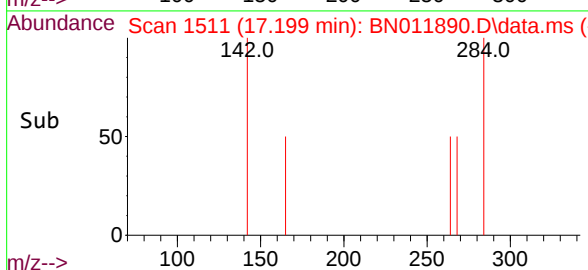
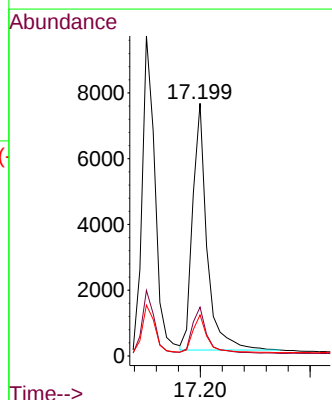
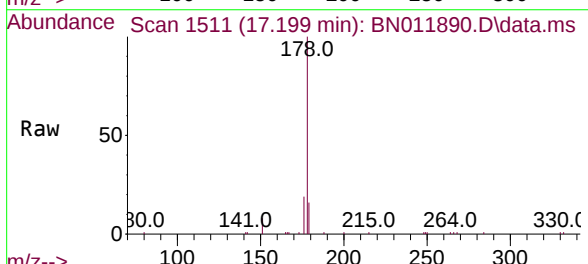
Instrument :  
BNA\_N  
ClientSampleId :  
ICVBN092320

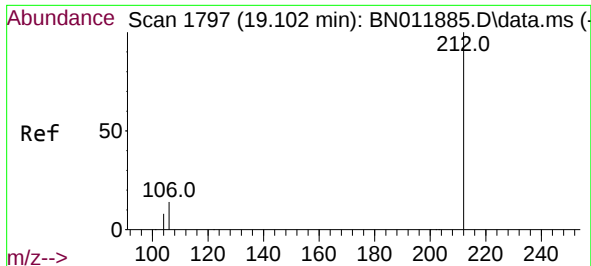
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 178   | Resp: | 15838 |
| Ion      | Ratio | Lower | Upper |
| 178      | 100   |       |       |
| 176      | 19.4  | 15.1  | 22.7  |
| 179      | 15.3  | 12.3  | 18.5  |



#26  
Anthracene  
Concen: 0.35 ng  
RT: 17.199 min Scan# 1511  
Delta R.T. 0.000 min  
Lab File: BN011890.D  
Acq: 23 Sep 2020 18:45

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 178   | Resp: | 13639 |
| Ion      | Ratio | Lower | Upper |
| 178      | 100   |       |       |
| 176      | 19.3  | 14.6  | 21.8  |
| 179      | 15.3  | 12.4  | 18.6  |

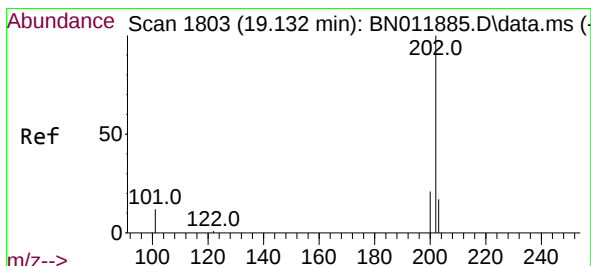
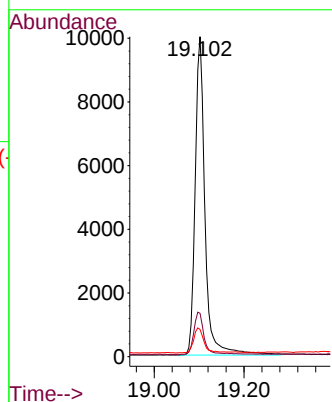
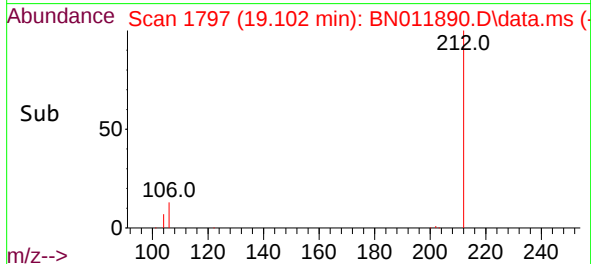
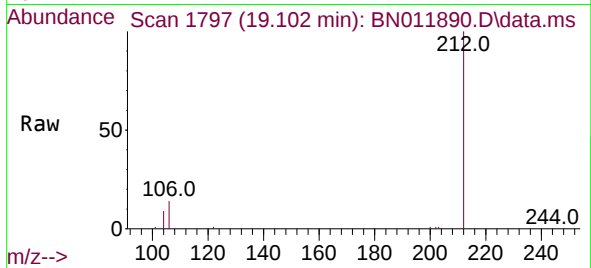




#27  
Fluoranthene-d10  
Concen: 0.36 ng  
RT: 19.102 min Scan# 1797  
Delta R.T. 0.000 min  
Lab File: BN011890.D  
Acq: 23 Sep 2020 18:45

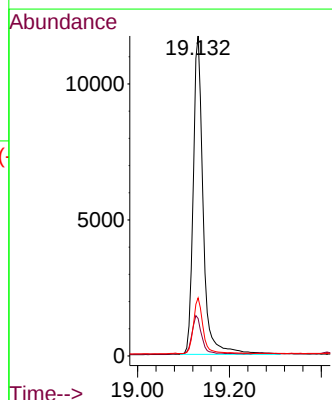
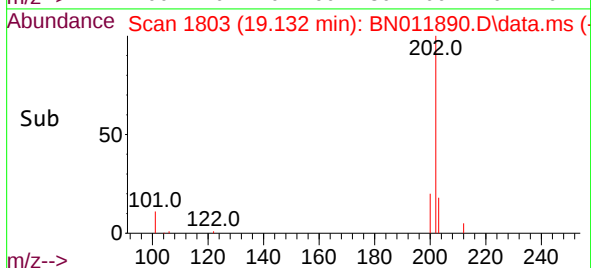
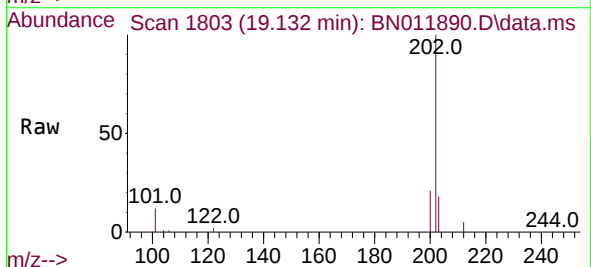
Instrument :  
BNA\_N  
ClientSampleId :  
ICVBN092320

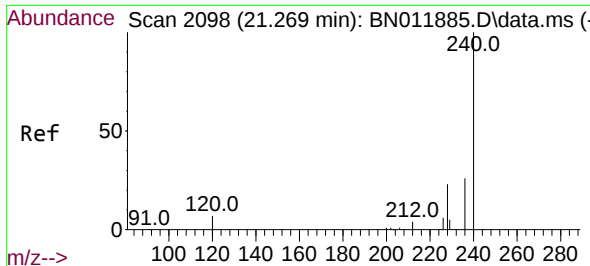
Tgt Ion:212 Resp: 15272  
Ion Ratio Lower Upper  
212 100  
106 13.4 6.4 9.6#  
104 8.1 3.9 5.9#



#28  
Fluoranthene  
Concen: 0.36 ng  
RT: 19.132 min Scan# 1803  
Delta R.T. 0.000 min  
Lab File: BN011890.D  
Acq: 23 Sep 2020 18:45

Tgt Ion:202 Resp: 17611  
Ion Ratio Lower Upper  
202 100  
101 12.4 5.4 8.2#  
203 16.6 13.8 20.6

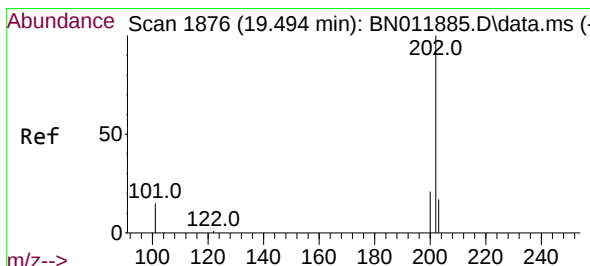
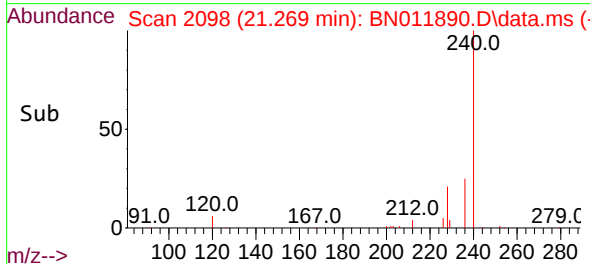
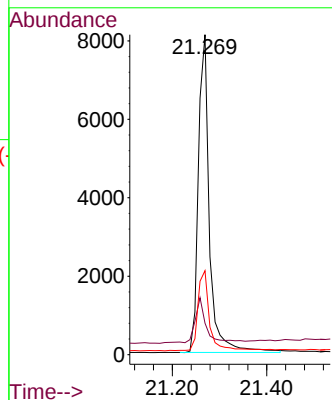
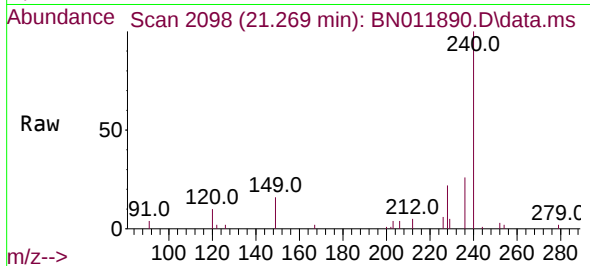




#29  
Chrysene-d12  
Concen: 0.40 ng  
RT: 21.269 min Scan# 2098  
Delta R.T. 0.000 min  
Lab File: BN011890.D  
Acq: 23 Sep 2020 18:45

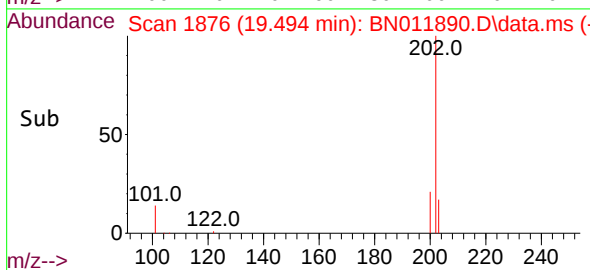
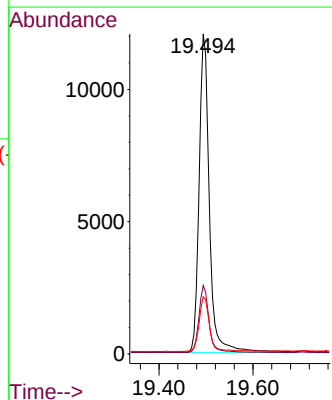
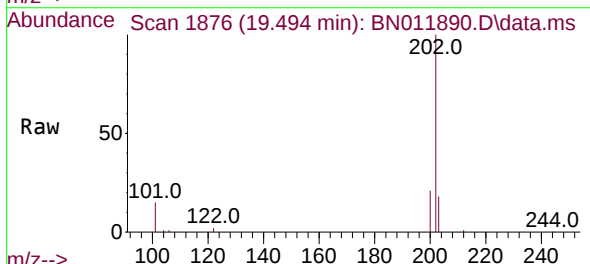
Instrument :  
BNA\_N  
ClientSampleId :  
ICVBN092320

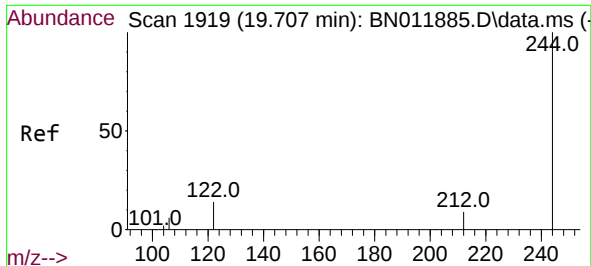
Tgt Ion:240 Resp: 13184  
Ion Ratio Lower Upper  
240 100  
120 9.8 3.5 5.3#  
236 26.2 20.5 30.7



#30  
Pyrene  
Concen: 0.37 ng  
RT: 19.494 min Scan# 1876  
Delta R.T. 0.000 min  
Lab File: BN011890.D  
Acq: 23 Sep 2020 18:45

Tgt Ion:202 Resp: 18143  
Ion Ratio Lower Upper  
202 100  
200 20.7 16.5 24.7  
203 17.6 13.9 20.9

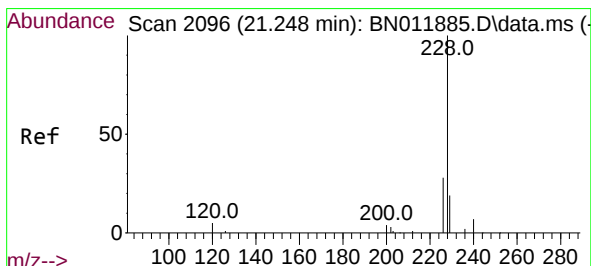
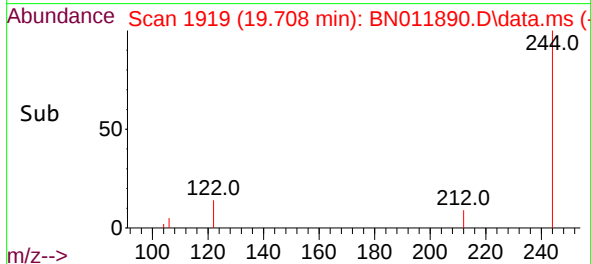
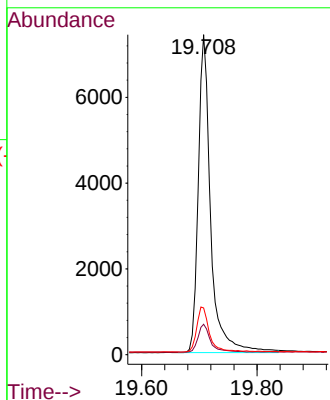
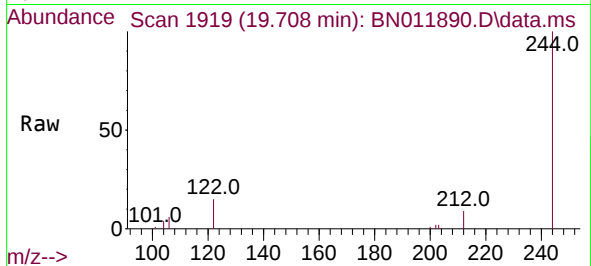




#31  
Terphenyl-d14  
Concen: 0.37 ng  
RT: 19.708 min Scan# 1919  
Delta R.T. 0.000 min  
Lab File: BN011890.D  
Acq: 23 Sep 2020 18:45

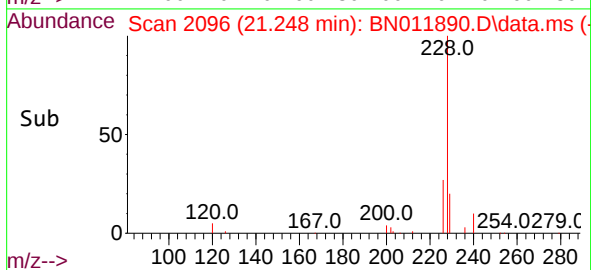
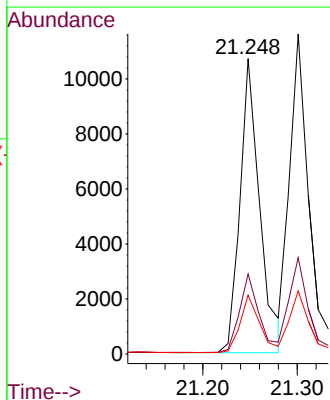
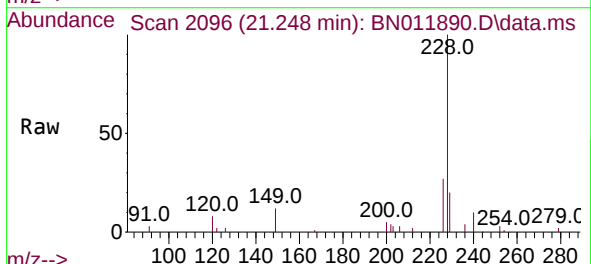
Instrument :  
BNA\_N  
ClientSampleId :  
ICVBN092320

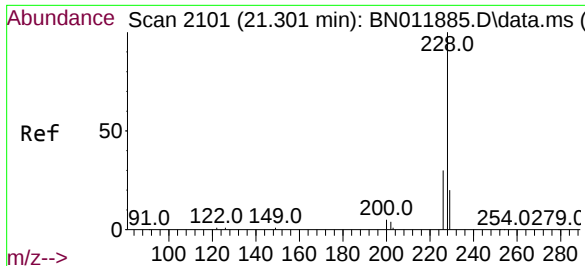
Tgt Ion:244 Resp: 11103  
Ion Ratio Lower Upper  
244 100  
212 9.5 7.3 10.9  
122 14.6 7.8 11.6#



#32  
Benzo(a)anthracene  
Concen: 0.37 ng  
RT: 21.248 min Scan# 2096  
Delta R.T. 0.000 min  
Lab File: BN011890.D  
Acq: 23 Sep 2020 18:45

Tgt Ion:228 Resp: 15492  
Ion Ratio Lower Upper  
228 100  
226 27.1 21.0 31.4  
229 19.9 16.0 24.0

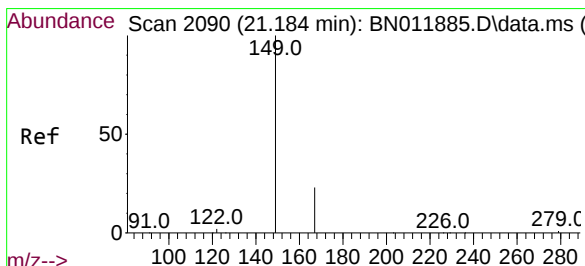
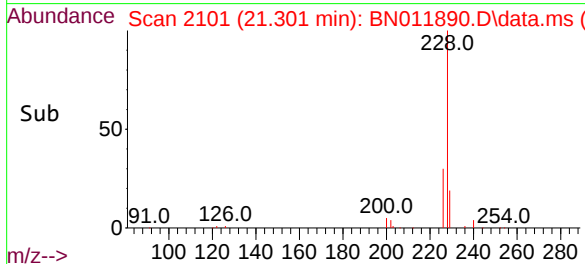
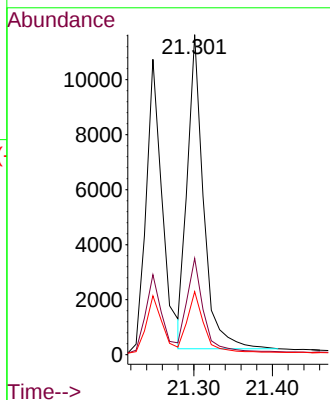
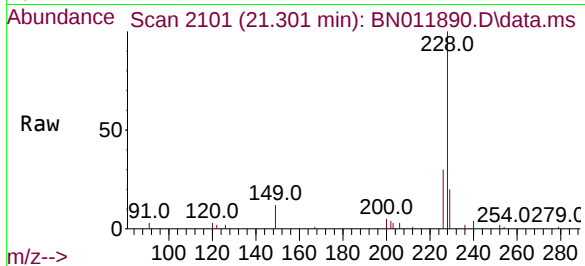




#33  
Chrysene  
Concen: 0.36 ng  
RT: 21.301 min Scan# 2101  
Delta R.T. 0.000 min  
Lab File: BN011890.D  
Acq: 23 Sep 2020 18:45

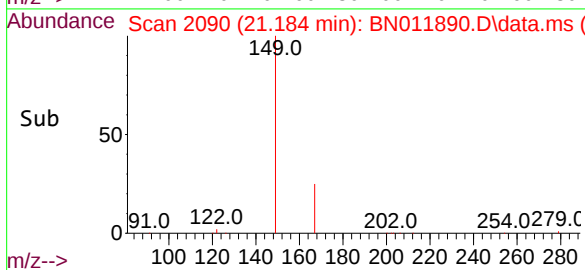
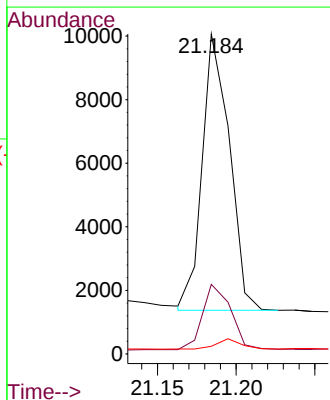
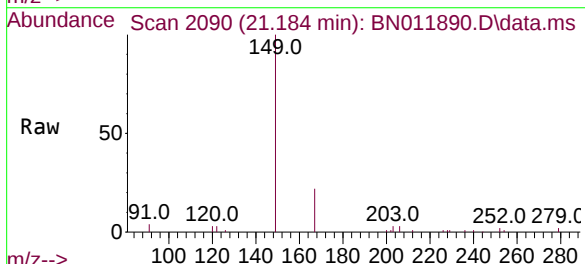
Instrument :  
BNA\_N  
ClientSampleId :  
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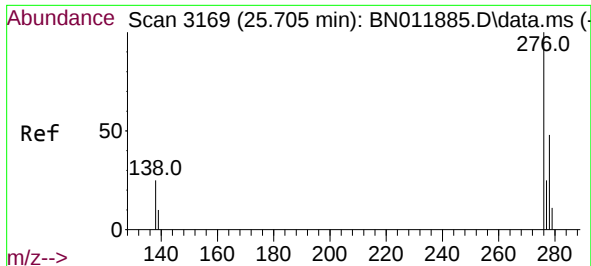
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 228   | Resp: | 16291 |
| Ion Ratio | Lower | Upper |       |
| 228       | 100   |       |       |
| 226       | 30.1  | 23.3  | 34.9  |
| 229       | 19.7  | 15.8  | 23.8  |



#34  
Bis(2-ethylhexyl)phthalate  
Concen: 0.35 ng  
RT: 21.184 min Scan# 2090  
Delta R.T. 0.000 min  
Lab File: BN011890.D  
Acq: 23 Sep 2020 18:45

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 149   | Resp: | 10494 |
| Ion Ratio | Lower | Upper |       |
| 149       | 100   |       |       |
| 167       | 24.6  | 23.6  | 35.4  |
| 279       | 3.5   | 4.0   | 6.0#  |

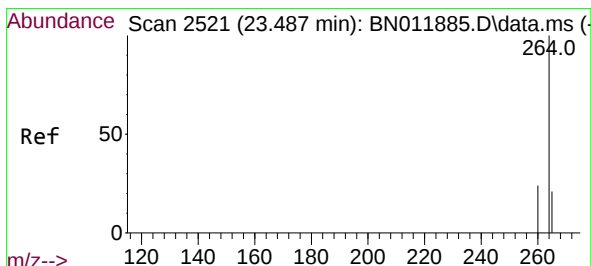
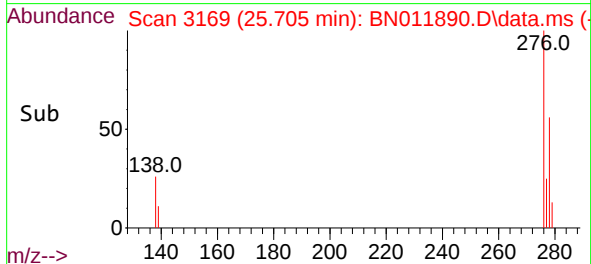
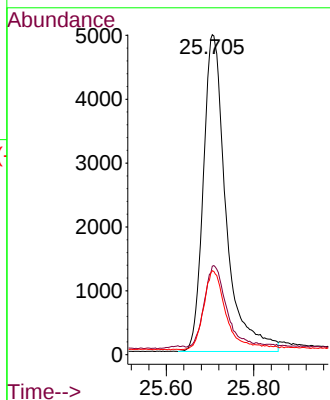
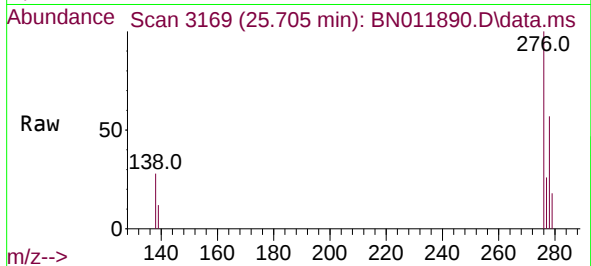




#35  
Indeno(1,2,3-cd)pyrene  
Concen: 0.35 ng  
RT: 25.705 min Scan# 3169  
Delta R.T. 0.000 min  
Lab File: BN011890.D  
Acq: 23 Sep 2020 18:45

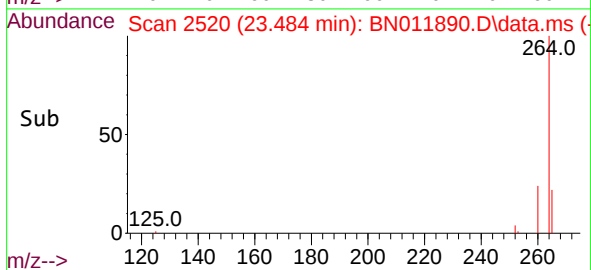
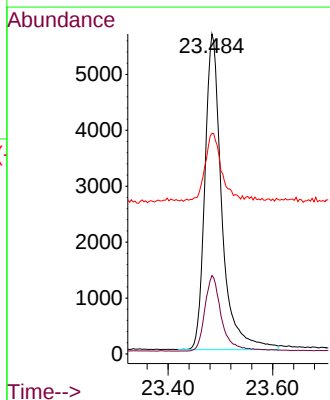
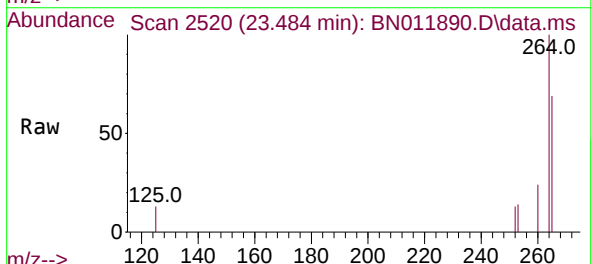
Instrument :  
BNA\_N  
ClientSampleId :  
ICVBN092320

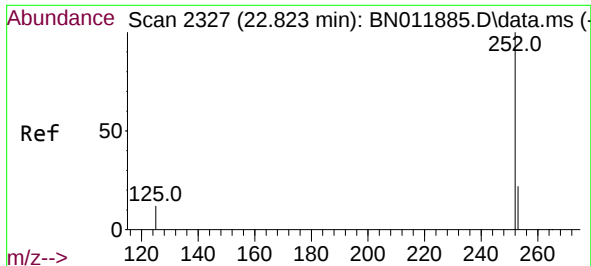
Tgt Ion:276 Resp: 17861  
Ion Ratio Lower Upper  
276 100  
138 24.9 13.0 19.4#  
277 24.4 20.0 30.0



#36  
Perylene-d12  
Concen: 0.40 ng  
RT: 23.484 min Scan# 2520  
Delta R.T. -0.003 min  
Lab File: BN011890.D  
Acq: 23 Sep 2020 18:45

Tgt Ion:264 Resp: 12643  
Ion Ratio Lower Upper  
264 100  
260 24.5 19.6 29.4  
265 69.0 38.6 58.0#

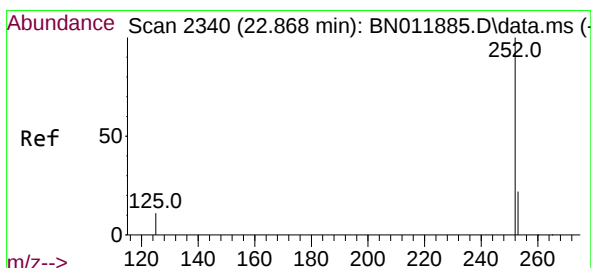
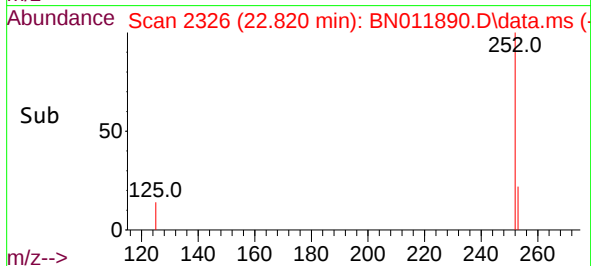
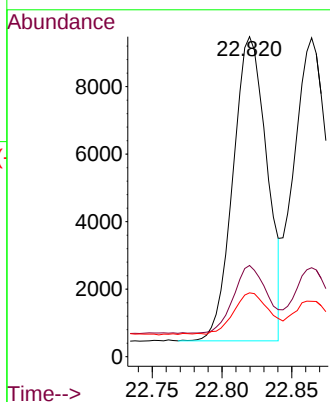
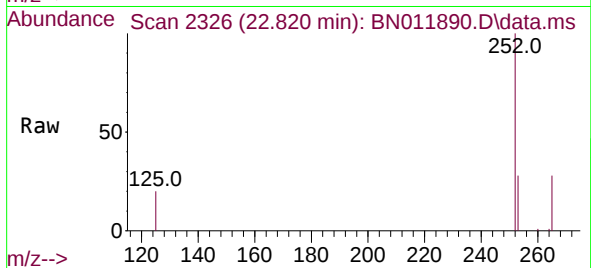




#37  
Benzo(b)fluoranthene  
Concen: 0.35 ng  
RT: 22.820 min Scan# 2326  
Delta R.T. -0.003 min  
Lab File: BN011890.D  
Acq: 23 Sep 2020 18:45

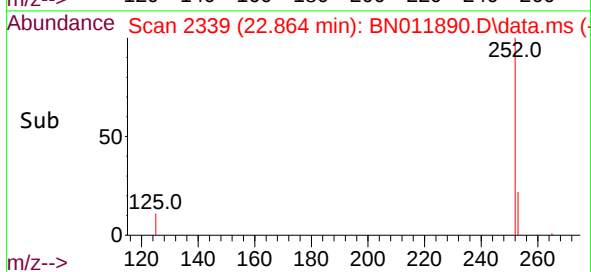
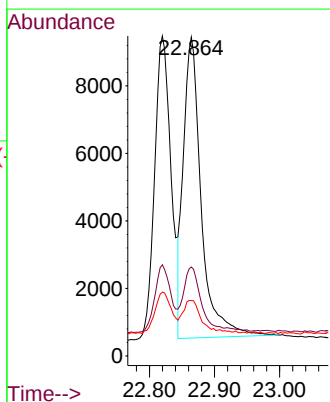
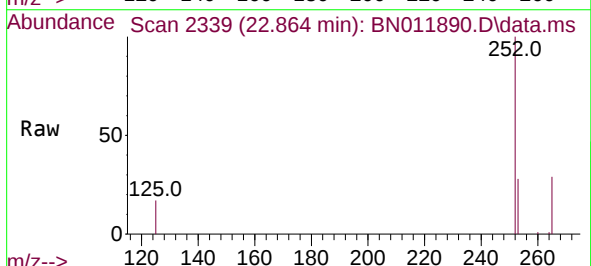
Instrument :  
BNA\_N  
ClientSampleId :  
ICVBN092320

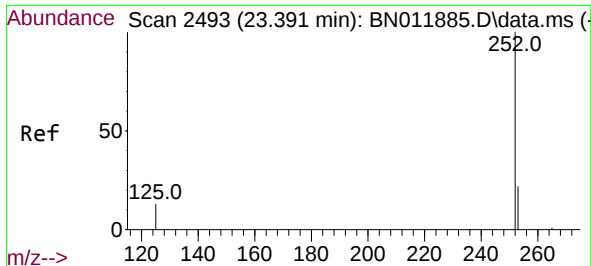
Tgt Ion:252 Resp: 15254  
Ion Ratio Lower Upper  
252 100  
253 28.5 19.1 28.7  
125 19.9 6.2 9.2#



#38  
Benzo(k)fluoranthene  
Concen: 0.36 ng  
RT: 22.864 min Scan# 2339  
Delta R.T. -0.003 min  
Lab File: BN011890.D  
Acq: 23 Sep 2020 18:45

Tgt Ion:252 Resp: 16981  
Ion Ratio Lower Upper  
252 100  
253 27.9 19.3 28.9  
125 17.4 6.0 9.0#





#39

Benzo(a)pyrene

Concen: 0.37 ng

RT: 23.388 min Scan# 2492

Delta R.T. -0.003 min

Lab File: BN011890.D

Acq: 23 Sep 2020 18:45

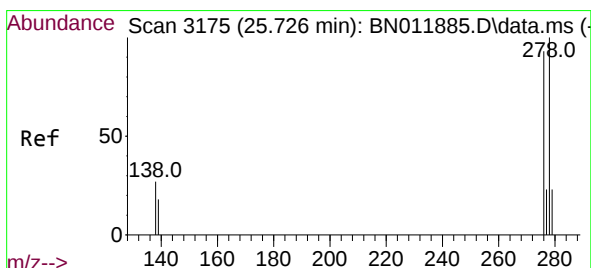
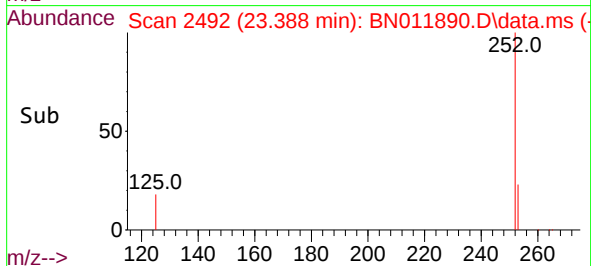
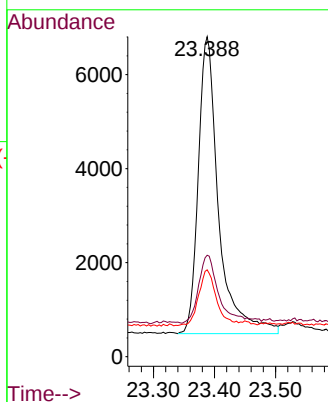
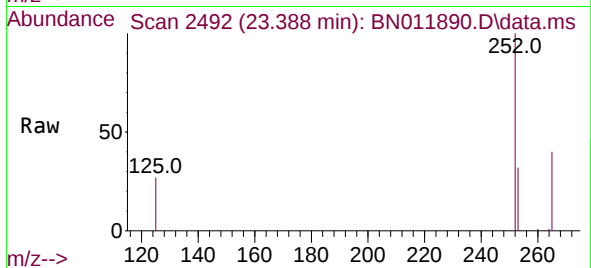
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 252   | Resp: | 14639 |
| Ion Ratio | Lower | Upper |       |
| 252       | 100   |       |       |
| 253       | 31.7  | 19.8  | 29.6# |
| 125       | 27.1  | 7.3   | 10.9# |

Instrument :

BNA\_N

ClientSampleId :

ICVBN092320



#40

Dibenzo(a,h)anthracene

Concen: 0.35 ng

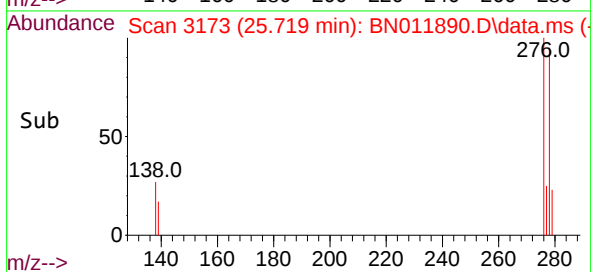
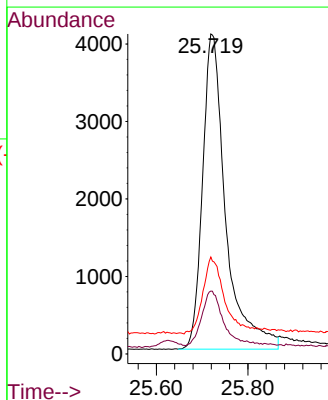
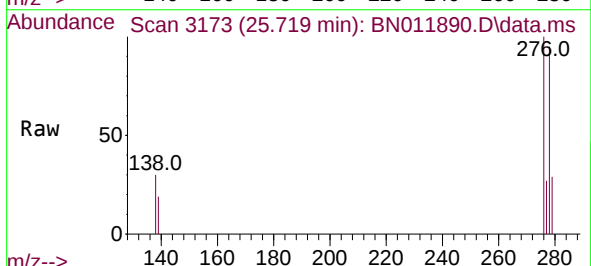
RT: 25.719 min Scan# 3173

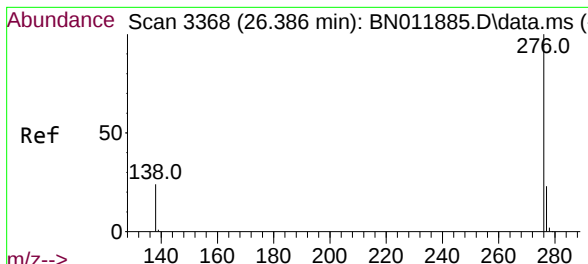
Delta R.T. -0.007 min

Lab File: BN011890.D

Acq: 23 Sep 2020 18:45

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 278   | Resp: | 14286 |
| Ion Ratio | Lower | Upper |       |
| 278       | 100   |       |       |
| 139       | 19.7  | 8.6   | 13.0# |
| 279       | 30.3  | 19.8  | 29.8# |





#41

Benzo(g,h,i)perylene

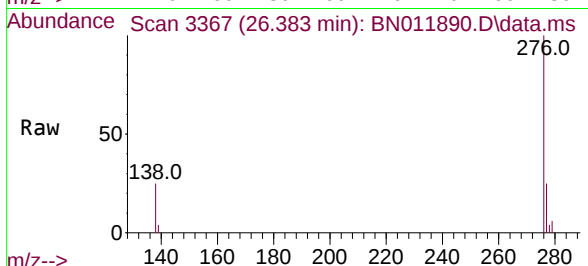
Concen: 0.35 ng

RT: 26.383 min Scan# 3367

Delta R.T. -0.003 min

Lab File: BN011890.D

Acq: 23 Sep 2020 18:45



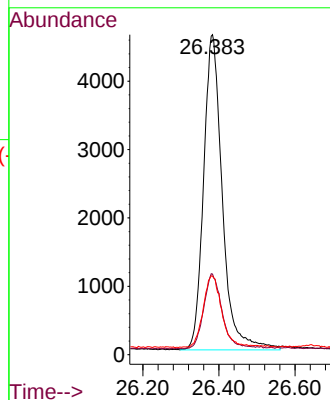
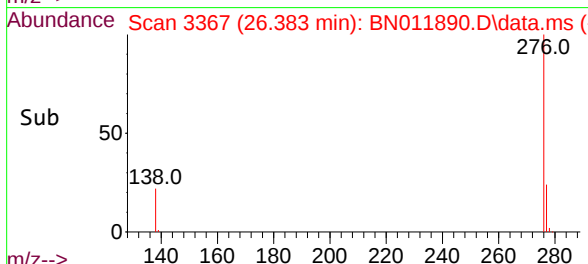
Tgt Ion:276 Resp: 15779

Ion Ratio Lower Upper

276 100

277 25.2 19.4 29.0

138 24.6 11.3 16.9#



Instrument :

BNA\_N

ClientSampleId :

ICVBN092320