

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN110920\  
 Data File : BN012511.D  
 Acq On : 09 Nov 2020 13:57  
 Operator : CG/JU  
 Sample : PB132836BS  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB132836BS

Quant Time: Nov 09 14:47:48 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN110420.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Nov 05 05:46:47 2020  
 Response via : Initial Calibration

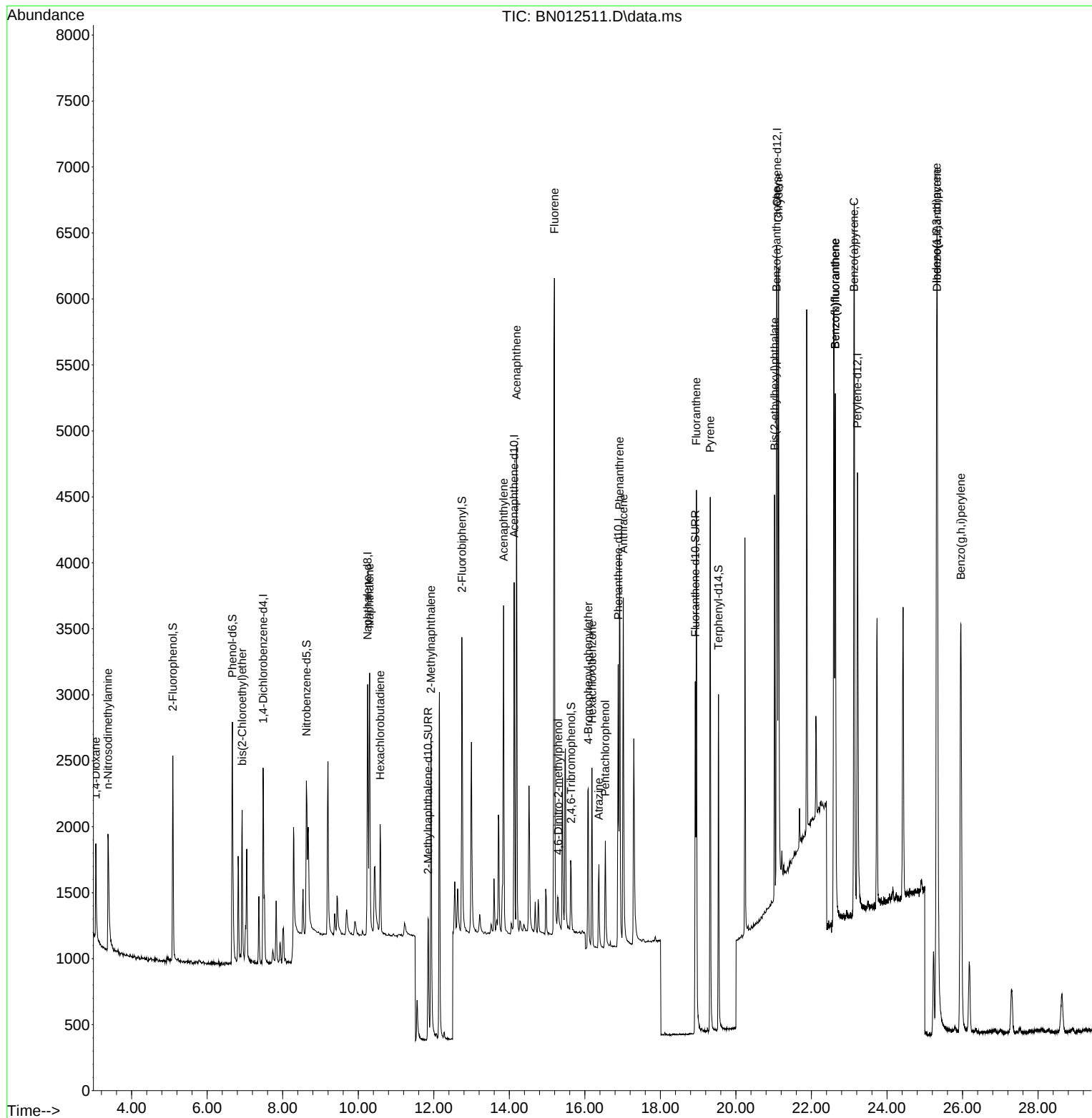
| Compound                      | R.T.   | QIon | Response | Conc | Units | Dev(Min) |
|-------------------------------|--------|------|----------|------|-------|----------|
| -----                         |        |      |          |      |       |          |
| Internal Standards            |        |      |          |      |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.481  | 152  | 647      | 0.40 | ng    | # 0.00   |
| 7) Naphthalene-d8             | 10.250 | 136  | 2658     | 0.40 | ng    | 0.00     |
| 13) Acenaphthene-d10          | 14.128 | 164  | 1461     | 0.40 | ng    | -0.01    |
| 19) Phenanthrene-d10          | 16.883 | 188  | 3093     | 0.40 | ng    | # 0.00   |
| 29) Chrysene-d12              | 21.089 | 240  | 3345     | 0.40 | ng    | #-0.01   |
| 36) Perylene-d12              | 23.220 | 264  | 4420     | 0.40 | ng    | # 0.00   |
| System Monitoring Compounds   |        |      |          |      |       |          |
| 4) 2-Fluorophenol             | 5.089  | 112  | 949      | 0.42 | ng    | 0.00     |
| 5) Phenol-d6                  | 6.668  | 99   | 1235     | 0.47 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 8.628  | 82   | 1177     | 0.37 | ng    | -0.01    |
| 11) 2-Methylnaphthalene-d10   | 11.851 | 152  | 1579     | 0.37 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.638 | 330  | 438      | 0.41 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 12.745 | 172  | 2119     | 0.37 | ng    | -0.01    |
| 27) Fluoranthene-d10          | 18.923 | 212  | 3483     | 0.36 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.539 | 244  | 2933     | 0.37 | ng    | 0.00     |
| Target Compounds              |        |      |          |      |       |          |
|                               |        |      |          |      |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.052  | 88   | 371      | 0.37 | ng    | # 73     |
| 3) n-Nitrosodimethylamine     | 3.374  | 42   | 1138     | 0.41 | ng    | # 55     |
| 6) bis(2-Chloroethyl)ether    | 6.926  | 93   | 710      | 0.39 | ng    | # 84     |
| 9) Naphthalene                | 10.301 | 128  | 2783     | 0.37 | ng    | 98       |
| 10) Hexachlorobutadiene       | 10.579 | 225  | 598      | 0.37 | ng    | # 100    |
| 12) 2-Methylnaphthalene       | 11.926 | 142  | 1803     | 0.37 | ng    | # 86     |
| 16) Acenaphthylene            | 13.849 | 152  | 2678     | 0.37 | ng    | 98       |
| 17) Acenaphthene              | 14.192 | 154  | 1747     | 0.37 | ng    | 91       |
| 18) Fluorene                  | 15.194 | 166  | 2173     | 0.37 | ng    | 98       |
| 20) 4,6-Dinitro-2-methylph... | 15.296 | 198  | 266      | 0.35 | ng    | # 53     |
| 21) 4-Bromophenyl-phenylether | 16.092 | 248  | 663      | 0.37 | ng    | 92       |
| 22) Hexachlorobenzene         | 16.189 | 284  | 856      | 0.37 | ng    | # 81     |
| 23) Atrazine                  | 16.372 | 200  | 665      | 0.36 | ng    | # 90     |
| 24) Pentachlorophenol         | 16.542 | 266  | 456      | 0.42 | ng    | 94       |
| 25) Phenanthrene              | 16.919 | 178  | 3402     | 0.37 | ng    | 98       |
| 26) Anthracene                | 17.017 | 178  | 3138     | 0.37 | ng    | 99       |
| 28) Fluoranthene              | 18.953 | 202  | 3985     | 0.36 | ng    | # 98     |
| 30) Pyrene                    | 19.320 | 202  | 4034     | 0.36 | ng    | 98       |
| 32) Benzo(a)anthracene        | 21.078 | 228  | 3989     | 0.37 | ng    | 98       |
| 33) Chrysene                  | 21.131 | 228  | 4066     | 0.36 | ng    | 99       |
| 34) Bis(2-ethylhexyl)phtha... | 21.025 | 149  | 2611     | 0.36 | ng    | 92       |
| 35) Indeno(1,2,3-cd)pyrene    | 25.315 | 276  | 7745     | 0.46 | ng    | 96       |
| 37) Benzo(b)fluoranthene      | 22.631 | 252  | 5408     | 0.38 | ng    | 95       |
| 38) Benzo(k)fluoranthene      | 22.631 | 252  | 5408     | 0.36 | ng    | 94       |
| 39) Benzo(a)pyrene            | 23.131 | 252  | 5405     | 0.39 | ng    | # 49     |
| 40) Dibenzo(a,h)anthracene    | 25.329 | 278  | 6409     | 0.41 | ng    | 96       |
| 41) Benzo(g,h,i)perylene      | 25.958 | 276  | 6664     | 0.41 | ng    | 99       |
| -----                         |        |      |          |      |       |          |

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

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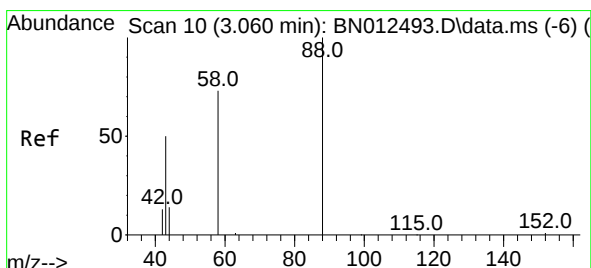
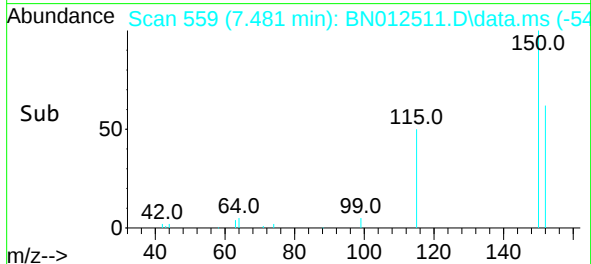
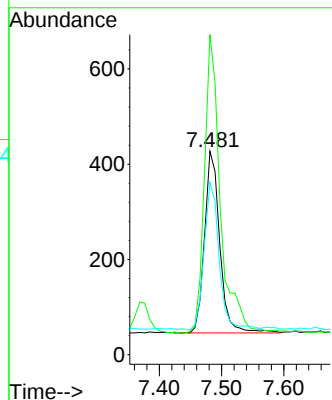
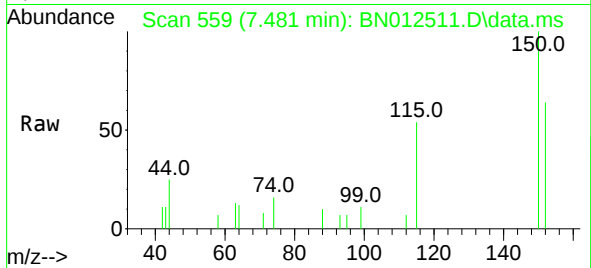




#1  
1,4-Dichlorobenzene-d4  
Concen: 0.40 ng  
RT: 7.481 min Scan# 559  
Delta R.T. -0.008 min  
Lab File: BN012511.D  
Acq: 09 Nov 2020 13:57

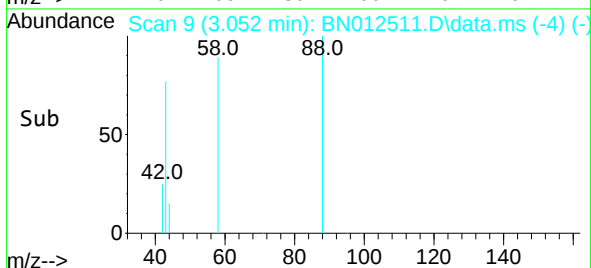
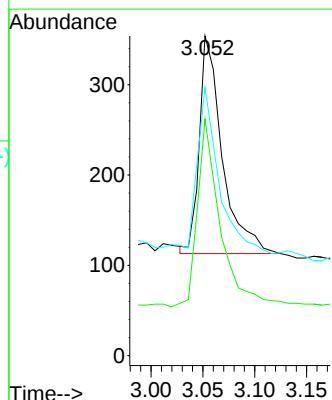
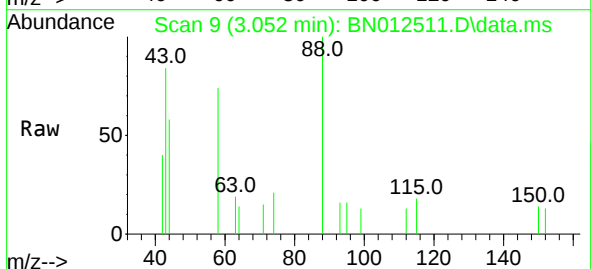
Instrument :  
BNA\_N  
ClientSampleId :  
PB132836BS

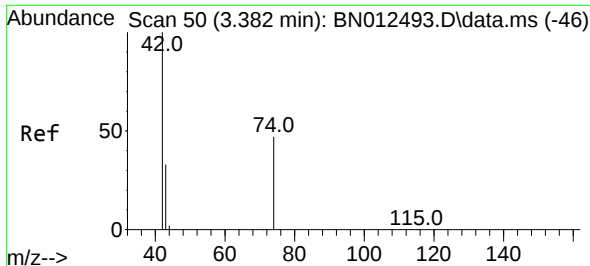
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Ion Ratio Lower Upper  
152 100  
150 157.4 116.6 174.8  
115 84.8 52.9 79.3#



#2  
1,4-Dioxane  
Concen: 0.37 ng  
RT: 3.052 min Scan# 9  
Delta R.T. -0.008 min  
Lab File: BN012511.D  
Acq: 09 Nov 2020 13:57

Tgt Ion: 88 Resp: 371  
Ion Ratio Lower Upper  
88 100  
58 85.7 59.4 89.2  
43 72.0 32.3 48.5#

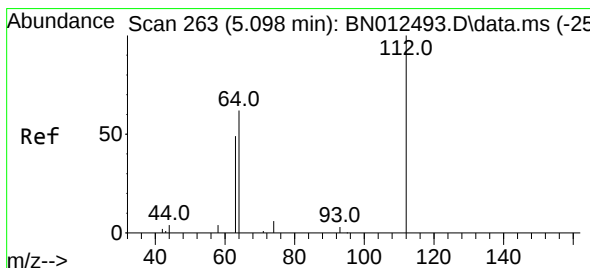
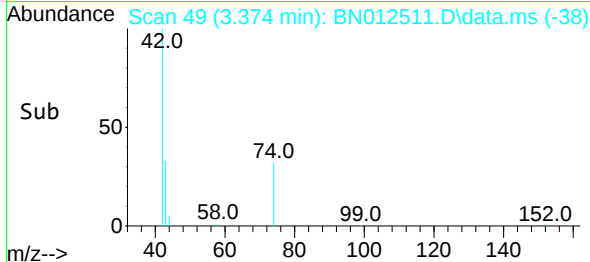
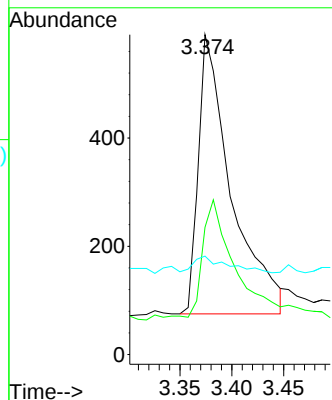
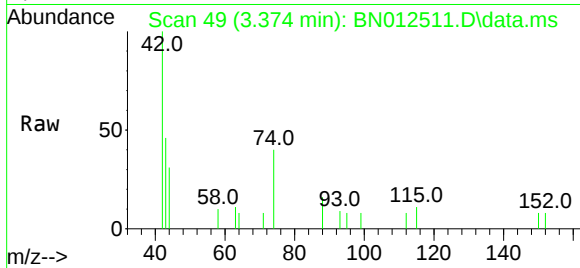




#3  
n-Nitrosodimethylamine  
Concen: 0.41 ng  
RT: 3.374 min Scan# 49  
Delta R.T. -0.008 min  
Lab File: BN012511.D  
Acq: 09 Nov 2020 13:57

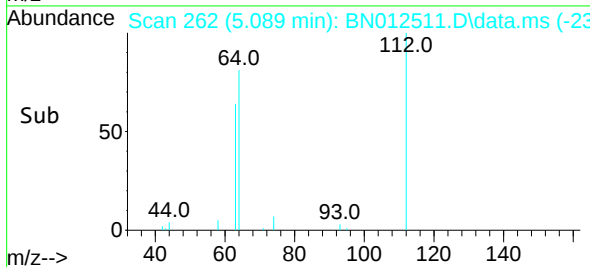
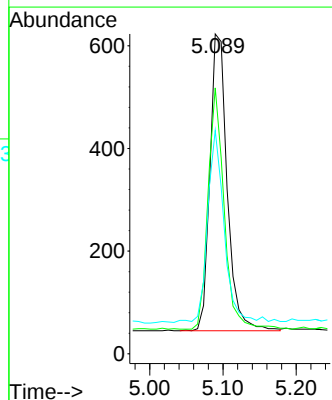
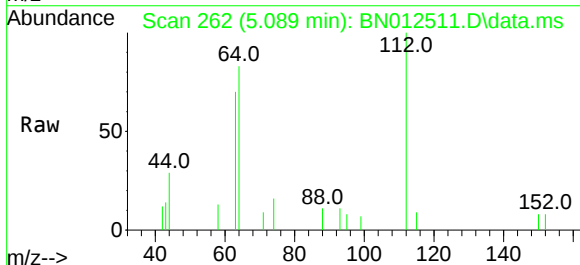
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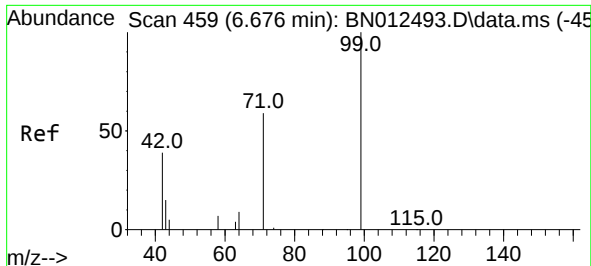
Tgt Ion: 42 Resp: 1138  
Ion Ratio Lower Upper  
42 100  
74 39.1 64.4 96.6#  
44 6.3 2.8 4.2#



#4  
2-Fluorophenol  
Concen: 0.42 ng  
RT: 5.089 min Scan# 262  
Delta R.T. -0.008 min  
Lab File: BN012511.D  
Acq: 09 Nov 2020 13:57

Tgt Ion: 112 Resp: 949  
Ion Ratio Lower Upper  
112 100  
64 75.9 49.5 74.3#  
63 62.3 32.0 48.0#

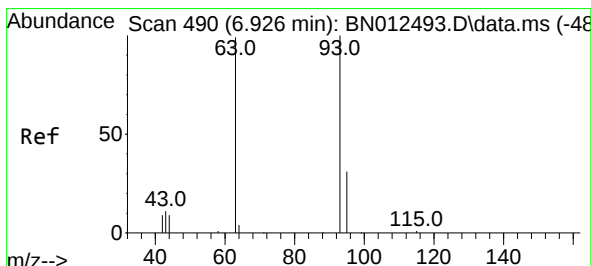
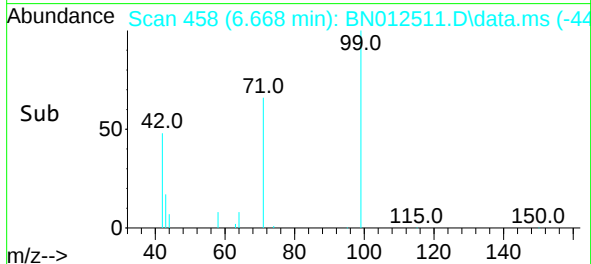
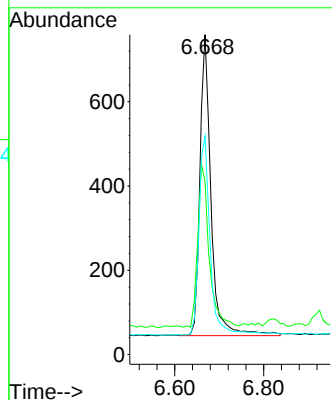
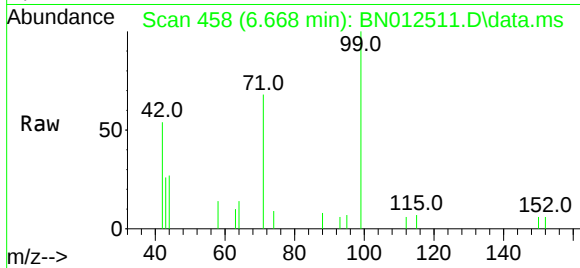




#5  
Phenol-d6  
Concen: 0.47 ng  
RT: 6.668 min Scan# 458  
Delta R.T. -0.008 min  
Lab File: BN012511.D  
Acq: 09 Nov 2020 13:57

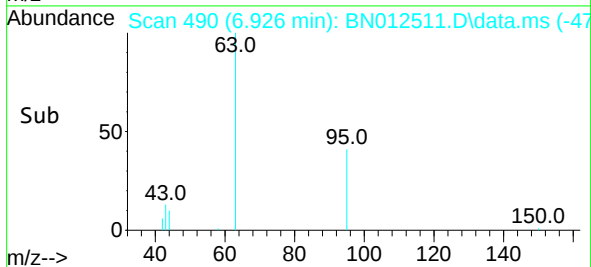
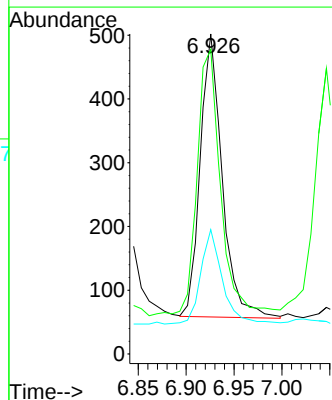
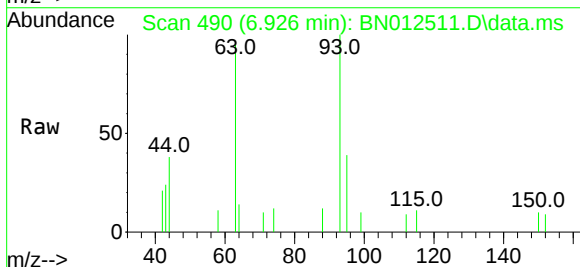
Instrument :  
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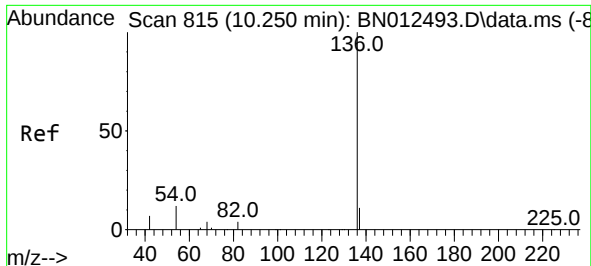
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 99    | Resp: | 1235  |
| Ion      | Ratio | Lower | Upper |
| 99       | 100   |       |       |
| 42       | 55.8  | 22.4  | 33.6# |
| 71       | 66.9  | 37.8  | 56.6# |



#6  
bis(2-Chloroethyl)ether  
Concen: 0.39 ng  
RT: 6.926 min Scan# 490  
Delta R.T. -0.000 min  
Lab File: BN012511.D  
Acq: 09 Nov 2020 13:57

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 93    | Resp: | 710   |
| Ion      | Ratio | Lower | Upper |
| 93       | 100   |       |       |
| 63       | 98.6  | 63.1  | 94.7# |
| 95       | 33.0  | 26.1  | 39.1  |

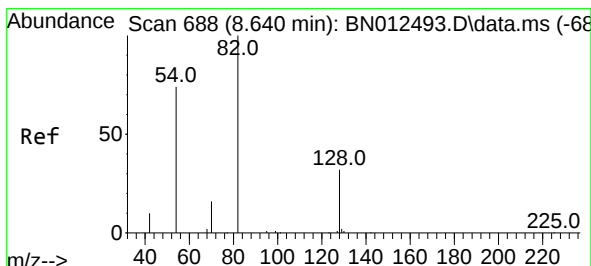
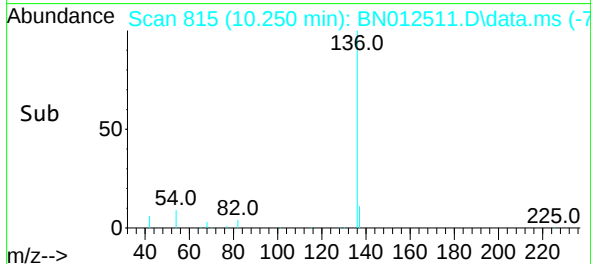
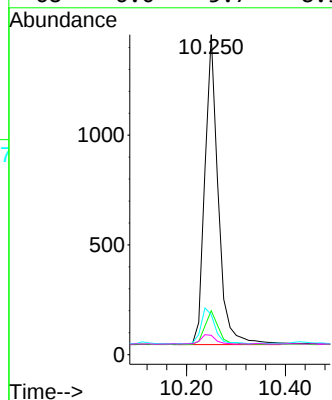
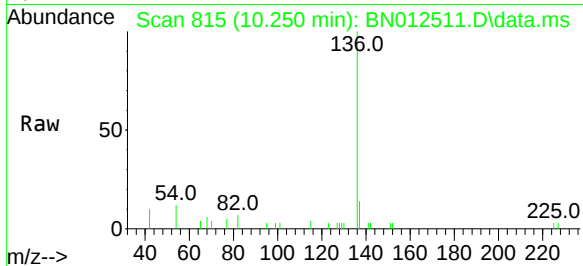




#7  
Naphthalene-d8  
Concen: 0.40 ng  
RT: 10.250 min Scan# 815  
Delta R.T. -0.000 min  
Lab File: BN012511.D  
Acq: 09 Nov 2020 13:57

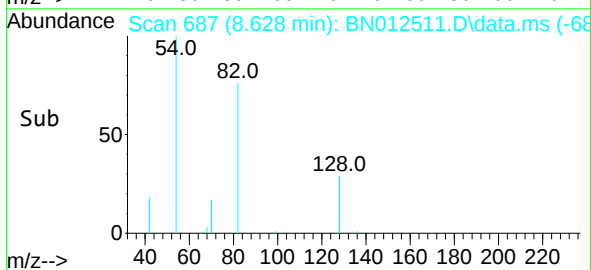
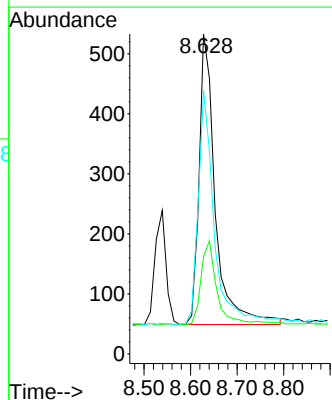
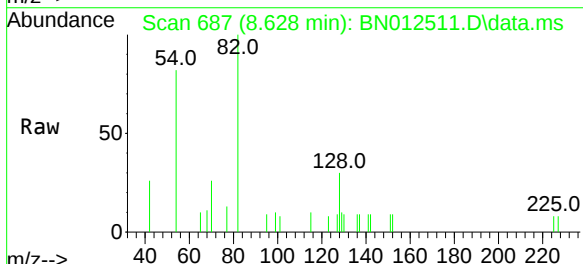
Instrument :  
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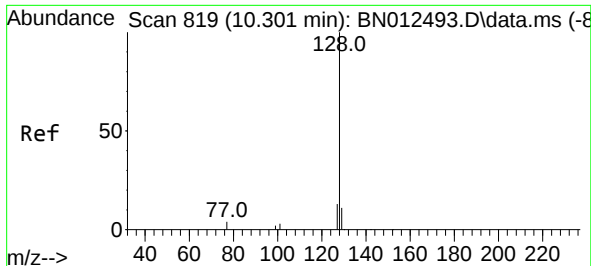
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|----------|-------|-------|-------|
| Tgt Ion: | 136   | Resp: | 2658  |
| Ion      | Ratio | Lower | Upper |
| 136      | 100   |       |       |
| 137      | 13.7  | 10.6  | 15.8  |
| 54       | 12.5  | 8.6   | 12.8  |
| 68       | 6.0   | 5.7   | 8.5   |



#8  
Nitrobenzene-d5  
Concen: 0.37 ng  
RT: 8.628 min Scan# 687  
Delta R.T. -0.013 min  
Lab File: BN012511.D  
Acq: 09 Nov 2020 13:57

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 82    | Resp: | 1177  |
| Ion      | Ratio | Lower | Upper |
| 82       | 100   |       |       |
| 128      | 30.4  | 30.6  | 46.0# |
| 54       | 82.4  | 48.3  | 72.5# |

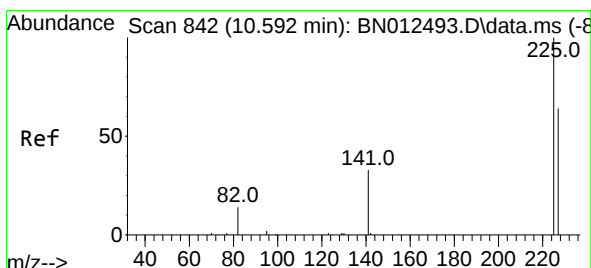
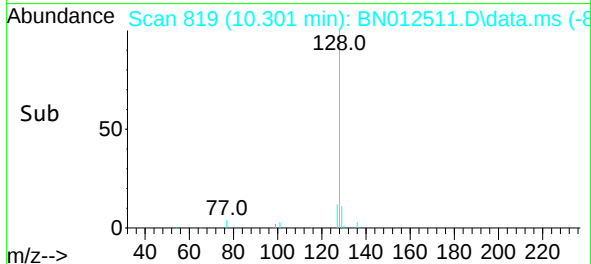
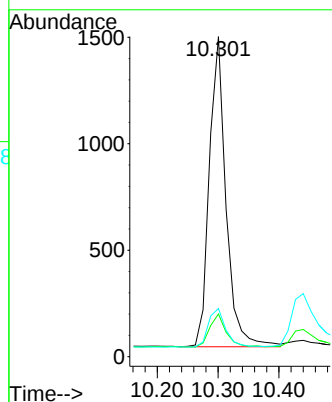
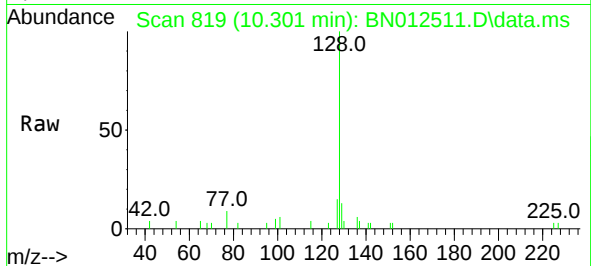




#9  
Naphthalene  
Concen: 0.37 ng  
RT: 10.301 min Scan# 819  
Delta R.T. -0.000 min  
Lab File: BN012511.D  
Acq: 09 Nov 2020 13:57

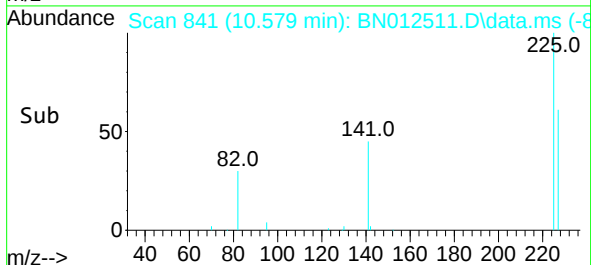
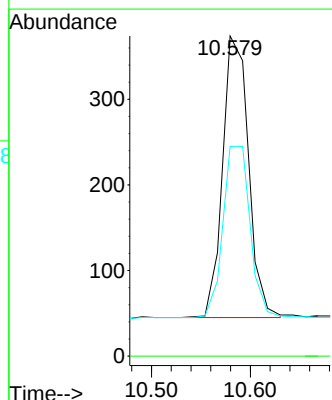
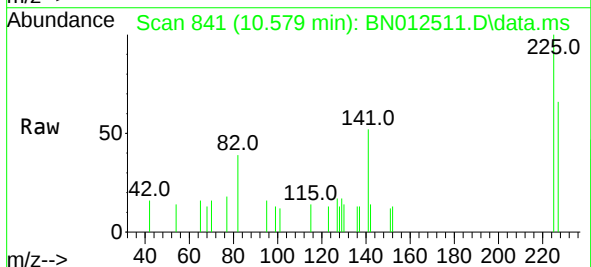
Instrument :  
BNA\_N  
ClientSampleId :  
PB132836BS

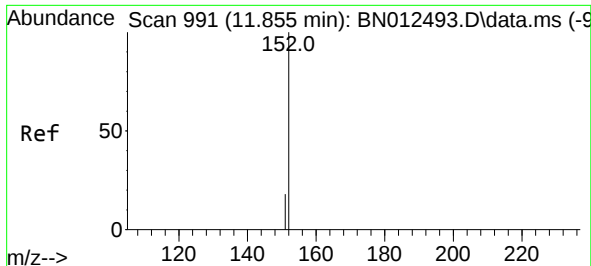
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 128   | Resp: | 2783  |
| Ion      | Ratio | Lower | Upper |
| 128      | 100   |       |       |
| 129      | 13.4  | 9.8   | 14.8  |
| 127      | 15.0  | 12.2  | 18.4  |



#10  
Hexachlorobutadiene  
Concen: 0.37 ng  
RT: 10.579 min Scan# 841  
Delta R.T. -0.013 min  
Lab File: BN012511.D  
Acq: 09 Nov 2020 13:57

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 225   | Resp: | 598   |
| Ion      | Ratio | Lower | Upper |
| 225      | 100   |       |       |
| 223      | 0.0   | 0.0   | 0.0   |
| 227      | 64.0  | 51.0  | 76.6  |

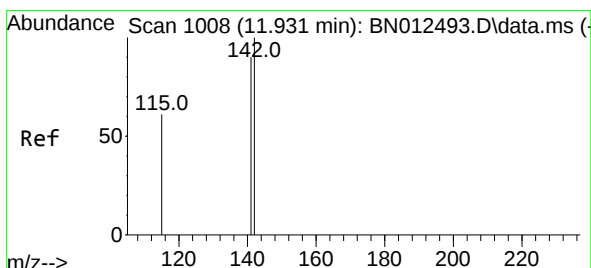
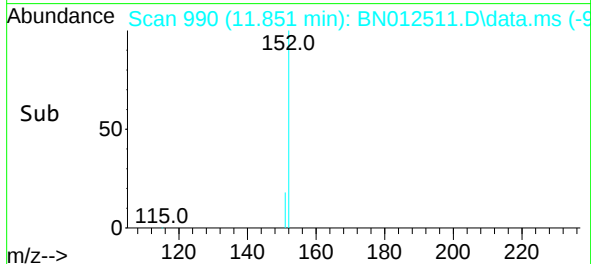
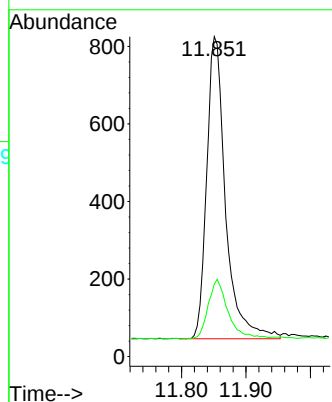
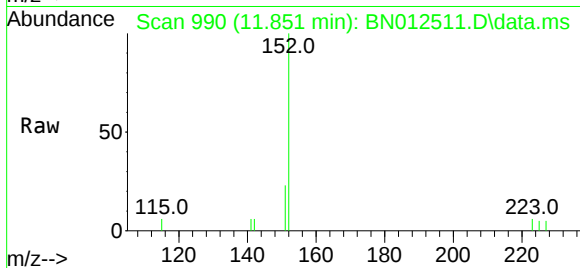




#11  
2-Methylnaphthalene-d10  
Concen: 0.37 ng  
RT: 11.851 min Scan# 990  
Delta R.T. -0.005 min  
Lab File: BN012511.D  
Acq: 09 Nov 2020 13:57

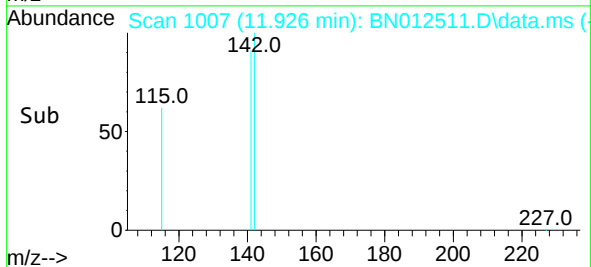
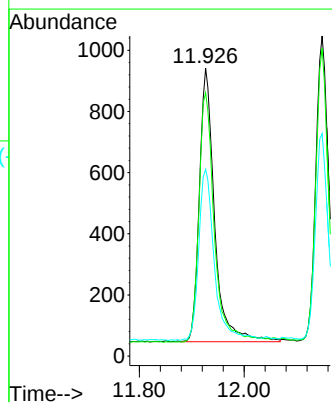
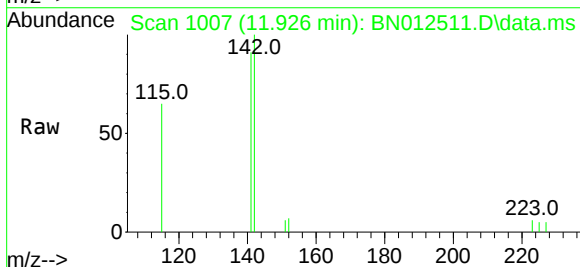
Instrument :  
BNA\_N  
ClientSampleId :  
PB132836BS

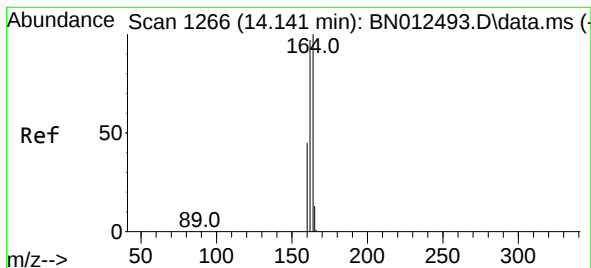
Tgt Ion:152 Resp: 1579  
Ion Ratio Lower Upper  
152 100  
151 20.6 16.7 25.1



#12  
2-Methylnaphthalene  
Concen: 0.37 ng  
RT: 11.926 min Scan# 1007  
Delta R.T. -0.005 min  
Lab File: BN012511.D  
Acq: 09 Nov 2020 13:57

Tgt Ion:142 Resp: 1803  
Ion Ratio Lower Upper  
142 100  
141 91.4 69.4 104.2  
115 64.9 35.7 53.5#

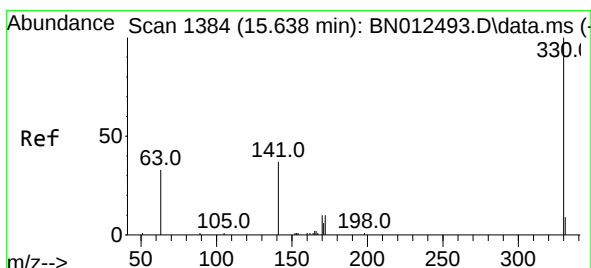
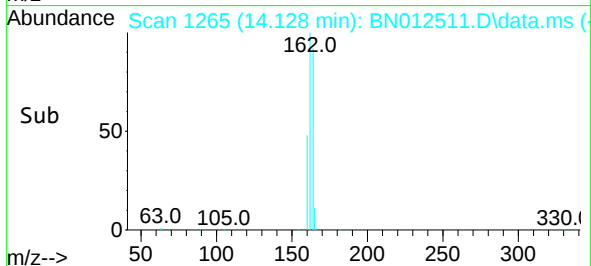
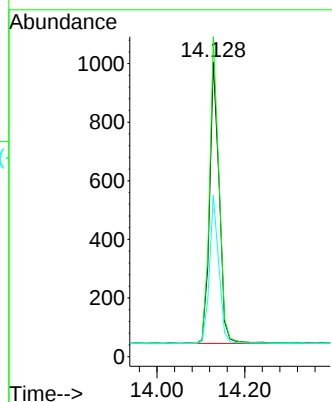
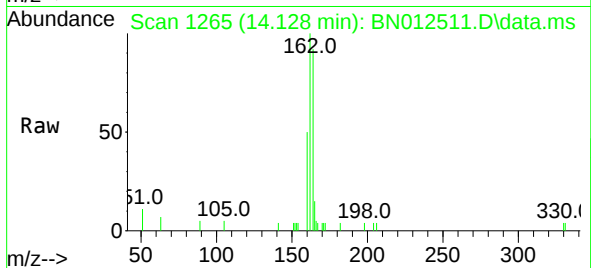




#13  
Acenaphthene-d10  
Concen: 0.40 ng  
RT: 14.128 min Scan# 1265  
Delta R.T. -0.013 min  
Lab File: BN012511.D  
Acq: 09 Nov 2020 13:57

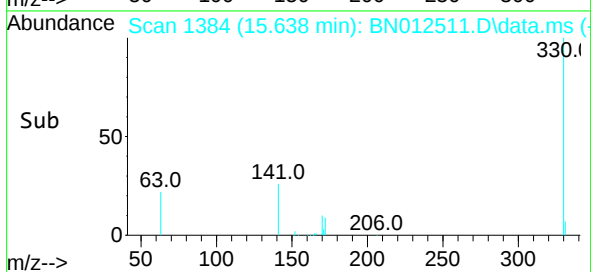
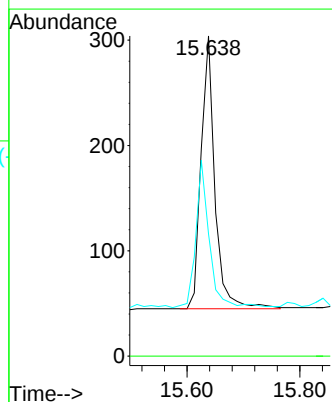
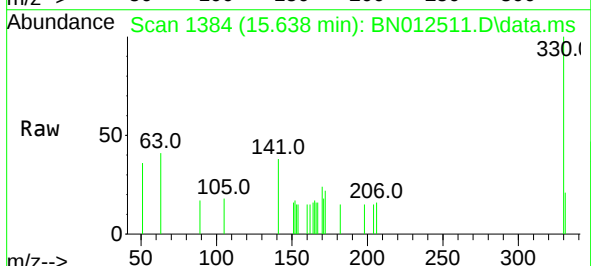
Instrument :  
BNA\_N  
ClientSampleId :  
PB132836BS

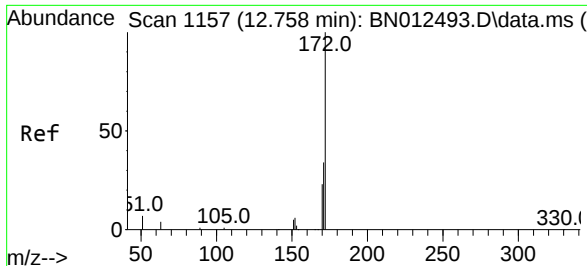
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 164   | Resp: | 1461  |
| Ion      | Ratio | Lower | Upper |
| 164      | 100   |       |       |
| 162      | 108.5 | 80.6  | 120.8 |
| 160      | 54.7  | 39.5  | 59.3  |



#14  
2,4,6-Tribromophenol  
Concen: 0.41 ng  
RT: 15.638 min Scan# 1384  
Delta R.T. -0.000 min  
Lab File: BN012511.D  
Acq: 09 Nov 2020 13:57

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 330   | Resp: | 438   |
| Ion      | Ratio | Lower | Upper |
| 330      | 100   |       |       |
| 332      | 0.0   | 0.0   | 0.0   |
| 141      | 53.0  | 34.4  | 51.6# |

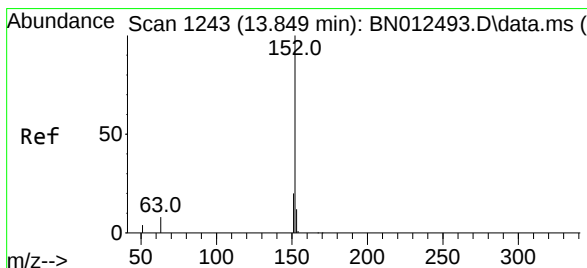
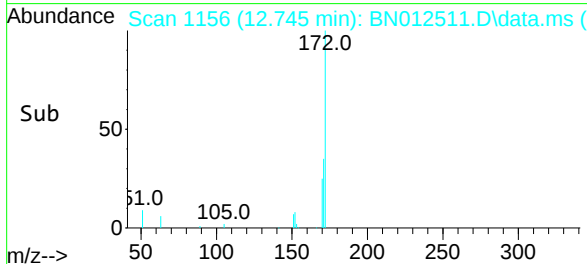
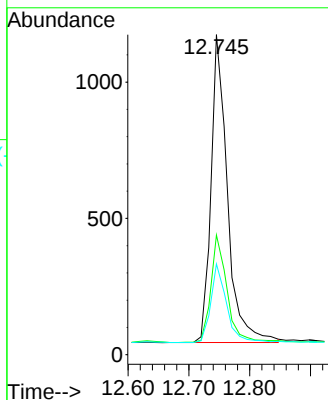
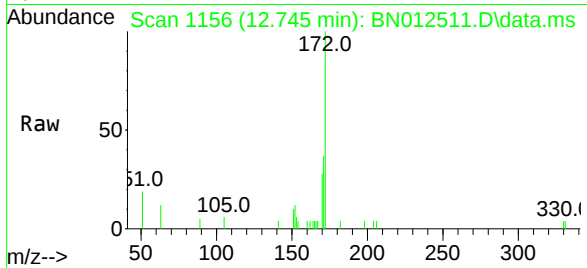




#15  
2-Fluorobiphenyl  
Concen: 0.37 ng  
RT: 12.745 min Scan# 1156  
Delta R.T. -0.013 min  
Lab File: BN012511.D  
Acq: 09 Nov 2020 13:57

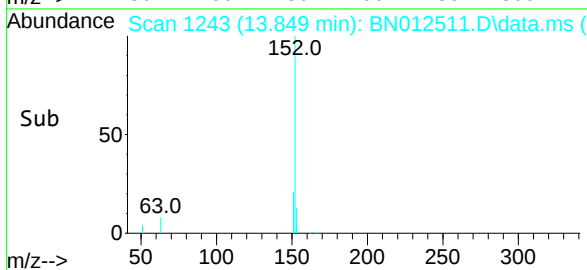
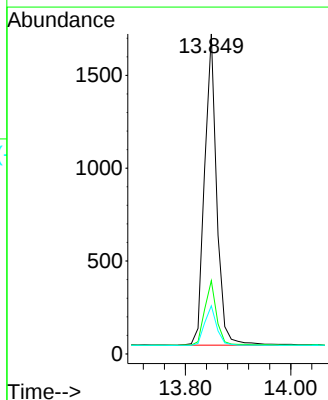
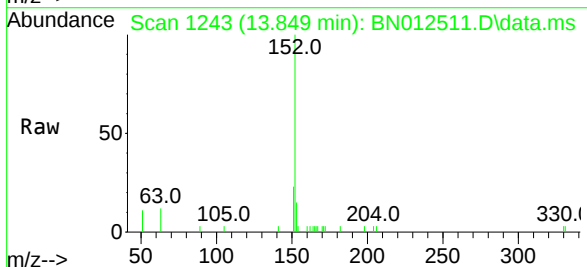
Instrument :  
BNA\_N  
ClientSampleId :  
PB132836BS

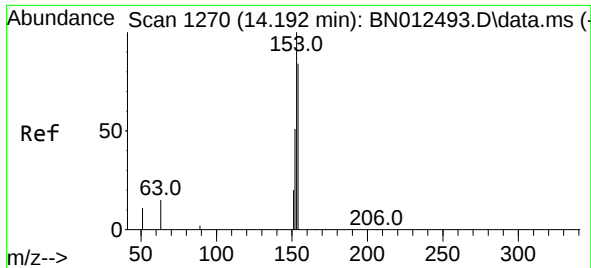
|             |       |             |
|-------------|-------|-------------|
| Tgt Ion:172 | Resp: | 2119        |
| Ion         | Ratio | Lower Upper |
| 172         | 100   |             |
| 171         | 37.4  | 28.2 42.4   |
| 170         | 28.4  | 20.0 30.0   |



#16  
Acenaphthylene  
Concen: 0.37 ng  
RT: 13.849 min Scan# 1243  
Delta R.T. -0.000 min  
Lab File: BN012511.D  
Acq: 09 Nov 2020 13:57

|             |       |             |
|-------------|-------|-------------|
| Tgt Ion:152 | Resp: | 2678        |
| Ion         | Ratio | Lower Upper |
| 152         | 100   |             |
| 151         | 20.9  | 15.8 23.8   |
| 153         | 13.1  | 10.6 16.0   |

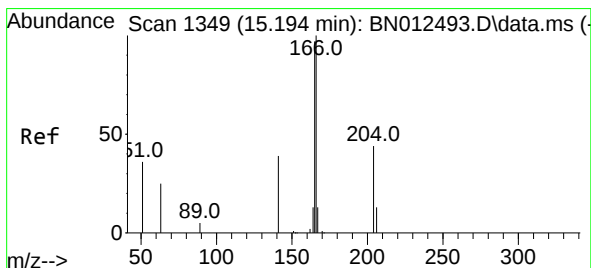
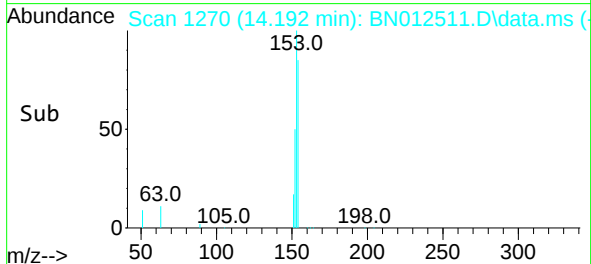
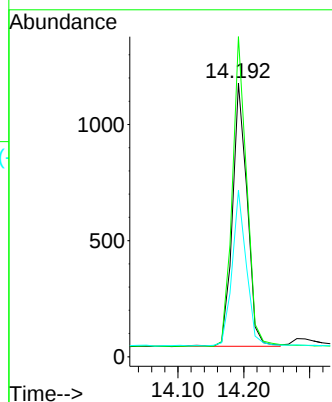
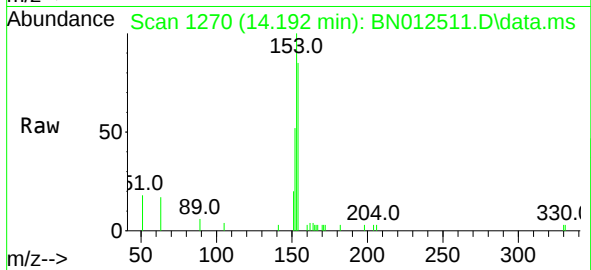




#17  
Acenaphthene  
Concen: 0.37 ng  
RT: 14.192 min Scan# 1270  
Delta R.T. -0.000 min  
Lab File: BN012511.D  
Acq: 09 Nov 2020 13:57

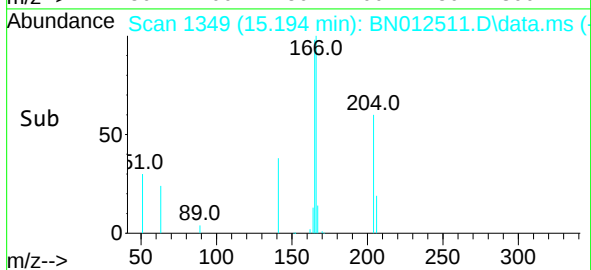
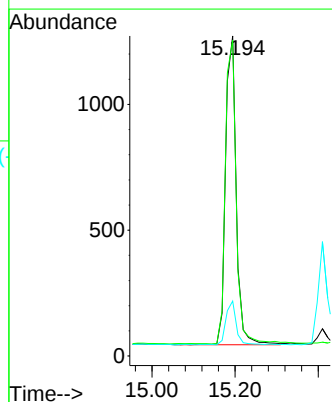
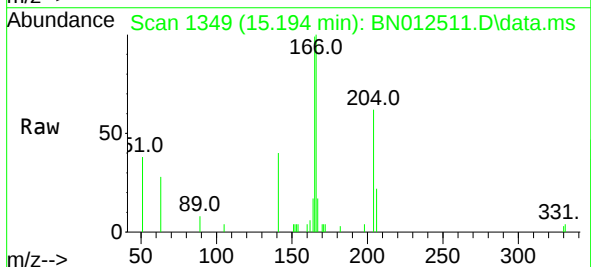
Instrument :  
BNA\_N  
ClientSampleId :  
PB132836BS

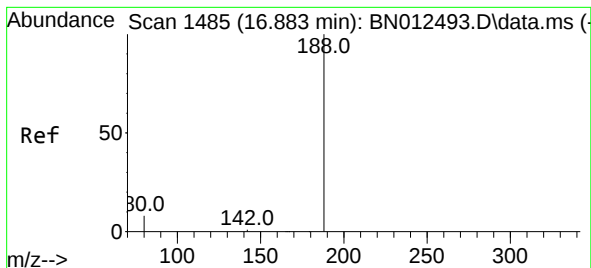
Tgt Ion:154 Resp: 1747  
Ion Ratio Lower Upper  
154 100  
153 116.3 83.6 125.4  
152 57.4 43.9 65.9



#18  
Fluorene  
Concen: 0.37 ng  
RT: 15.194 min Scan# 1349  
Delta R.T. -0.000 min  
Lab File: BN012511.D  
Acq: 09 Nov 2020 13:57

Tgt Ion:166 Resp: 2173  
Ion Ratio Lower Upper  
166 100  
165 100.4 78.6 118.0  
167 13.7 10.7 16.1





#19

Phenanthrene-d10

Concen: 0.40 ng

RT: 16.883 min Scan# 1485

Delta R.T. -0.000 min

Lab File: BN012511.D

Acq: 09 Nov 2020 13:57

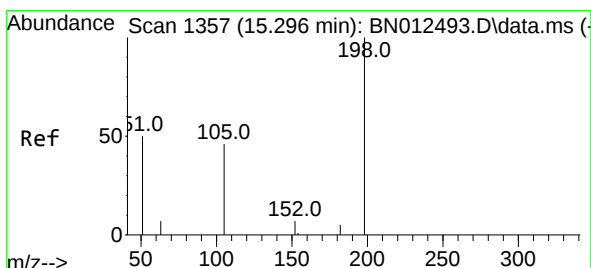
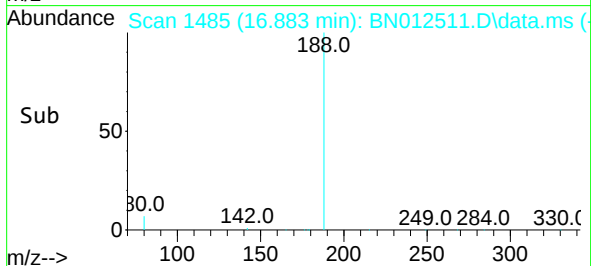
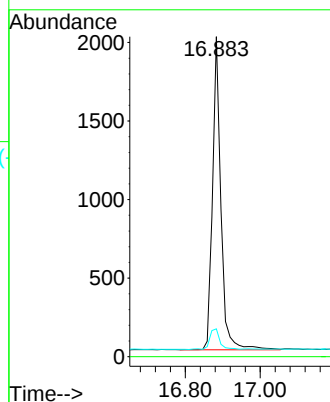
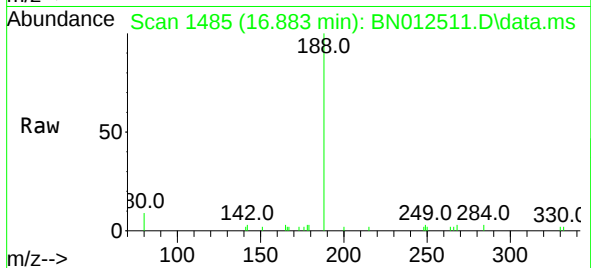
|             |       |       |
|-------------|-------|-------|
| Tgt Ion:188 | Resp: | 3093  |
| Ion Ratio   | Lower | Upper |
| 188         | 100   |       |
| 94          | 0.0   | 0.0   |
| 80          | 8.7   | 5.0   |

Instrument :

BNA\_N

ClientSampleId :

PB132836BS



#20

4,6-Dinitro-2-methylphenol

Concen: 0.35 ng

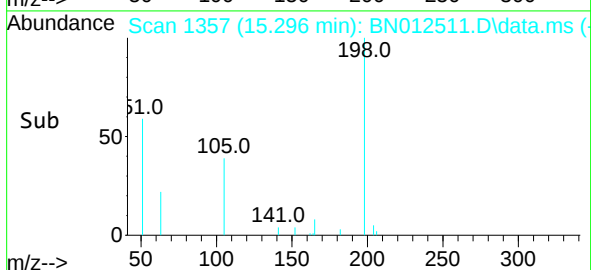
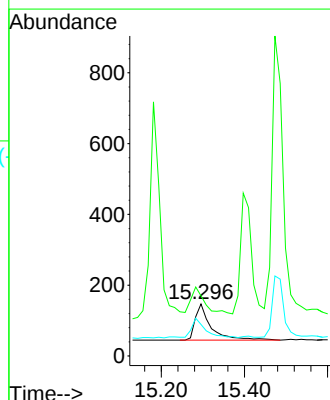
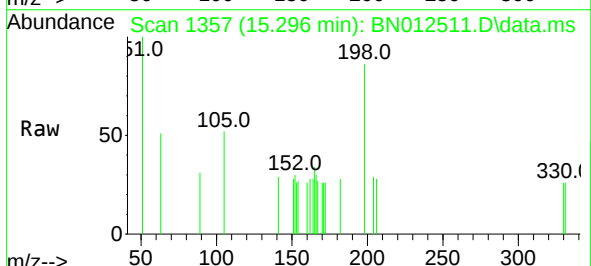
RT: 15.296 min Scan# 1357

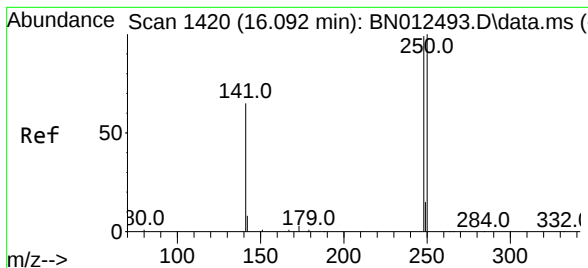
Delta R.T. -0.000 min

Lab File: BN012511.D

Acq: 09 Nov 2020 13:57

|             |       |       |
|-------------|-------|-------|
| Tgt Ion:198 | Resp: | 266   |
| Ion Ratio   | Lower | Upper |
| 198         | 100   |       |
| 51          | 115.6 | 152.0 |
| 105         | 60.5  | 80.0  |

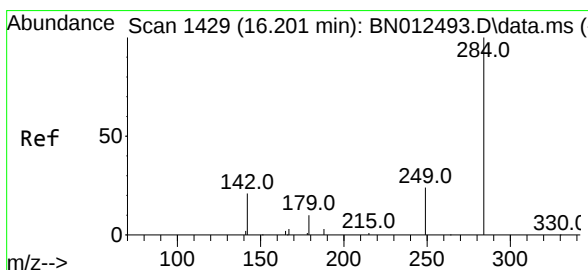
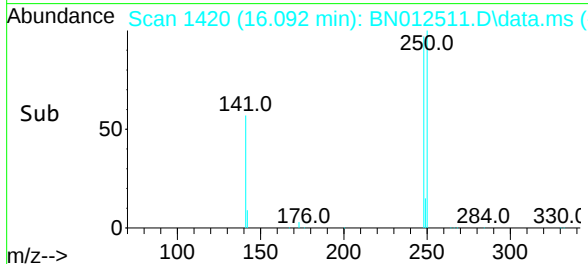
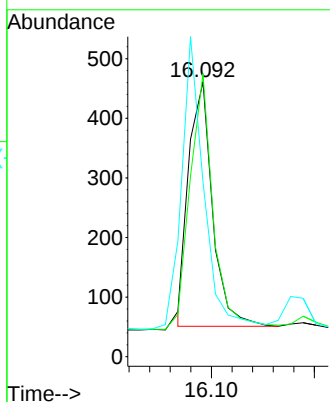
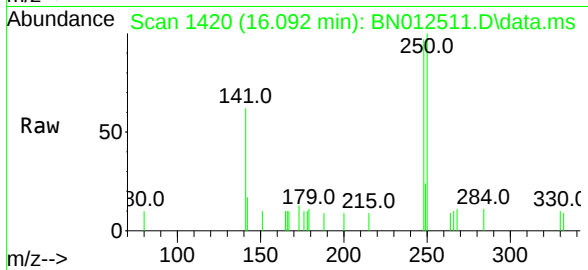




#21  
4-Bromophenyl-phenylether  
Concen: 0.37 ng  
RT: 16.092 min Scan# 1420  
Delta R.T. -0.000 min  
Lab File: BN012511.D  
Acq: 09 Nov 2020 13:57

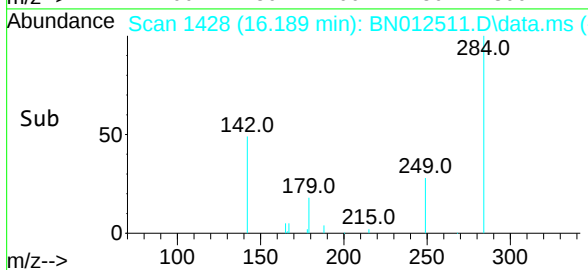
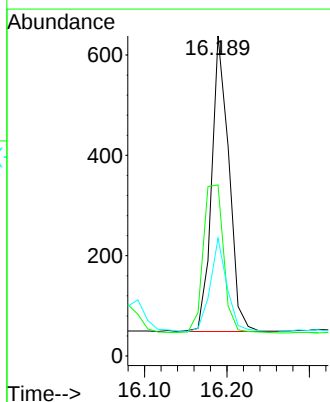
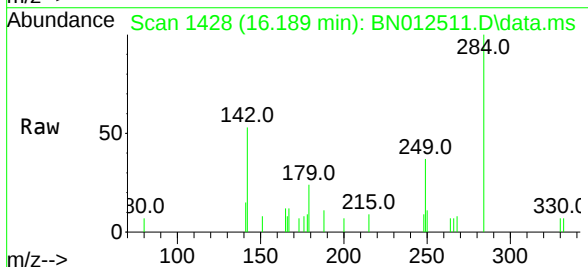
Instrument :  
BNA\_N  
ClientSampleId :  
PB132836BS

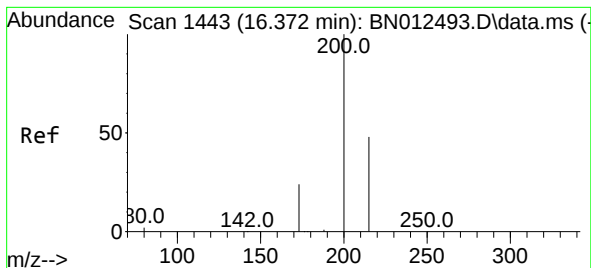
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 248   | Resp: | 663   |
| Ion      | Ratio | Lower | Upper |
| 248      | 100   |       |       |
| 250      | 103.0 | 77.3  | 115.9 |
| 141      | 63.6  | 57.8  | 86.8  |



#22  
Hexachlorobenzene  
Concen: 0.37 ng  
RT: 16.189 min Scan# 1428  
Delta R.T. -0.012 min  
Lab File: BN012511.D  
Acq: 09 Nov 2020 13:57

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 284   | Resp: | 856   |
| Ion      | Ratio | Lower | Upper |
| 284      | 100   |       |       |
| 142      | 59.3  | 32.0  | 48.0# |
| 249      | 30.8  | 27.0  | 40.6  |





#23

Atrazine

Concen: 0.36 ng

RT: 16.372 min Scan# 1443

Delta R.T. -0.000 min

Lab File: BN012511.D

Acq: 09 Nov 2020 13:57

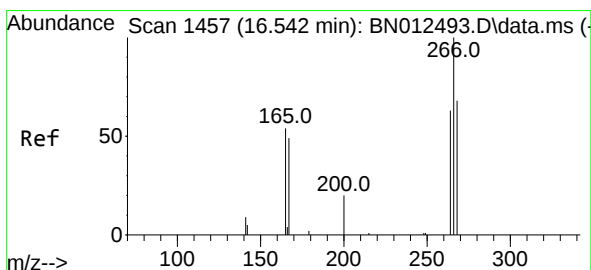
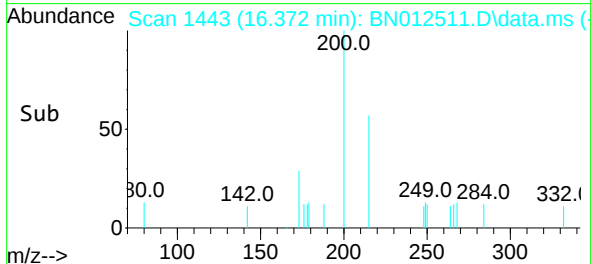
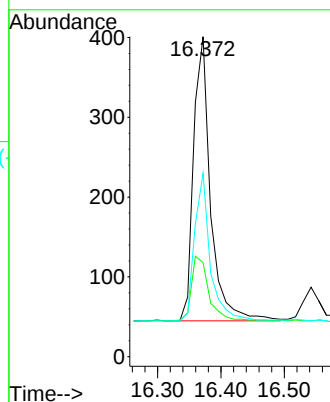
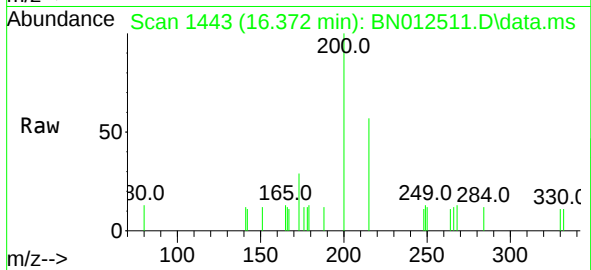
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 200   | Resp: | 665   |
| Ion Ratio | Lower | Upper |       |
| 200       | 100   |       |       |
| 173       | 29.4  | 22.8  | 34.2  |
| 215       | 57.4  | 38.1  | 57.1# |

Instrument :

BNA\_N

ClientSampleId :

PB132836BS



#24

Pentachlorophenol

Concen: 0.42 ng

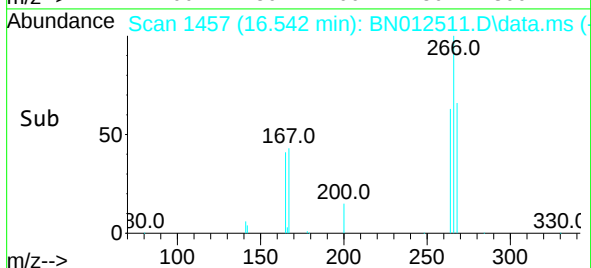
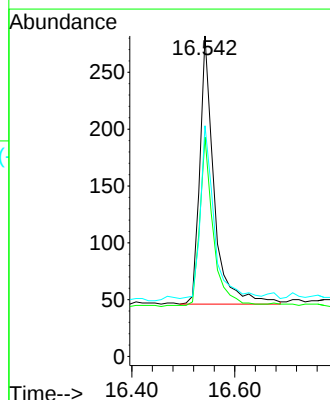
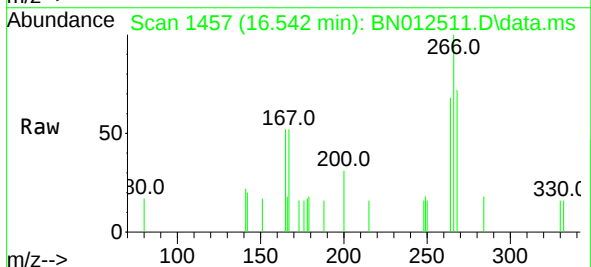
RT: 16.542 min Scan# 1457

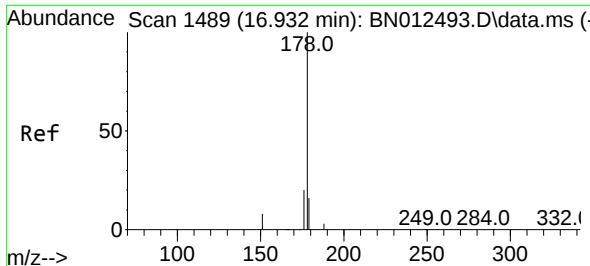
Delta R.T. -0.000 min

Lab File: BN012511.D

Acq: 09 Nov 2020 13:57

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 266   | Resp: | 456  |
| Ion Ratio | Lower | Upper |      |
| 266       | 100   |       |      |
| 264       | 57.9  | 50.9  | 76.3 |
| 268       | 61.4  | 51.5  | 77.3 |

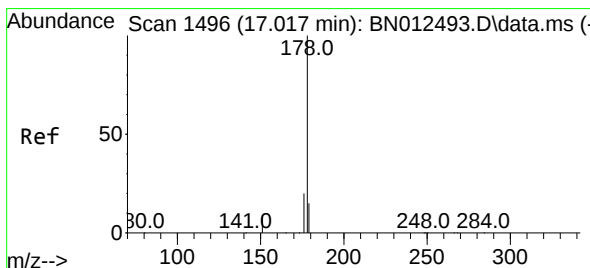
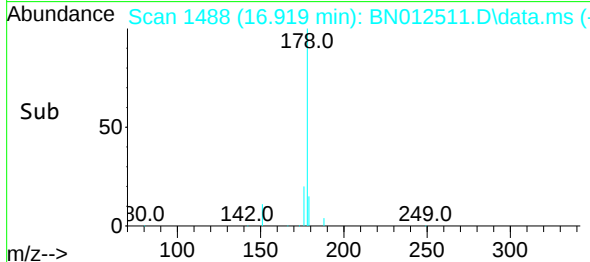
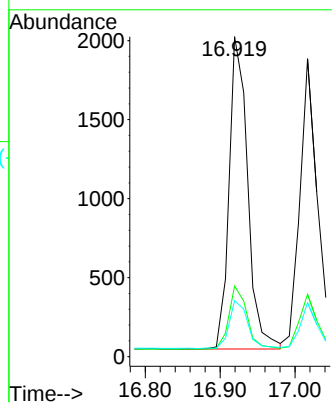
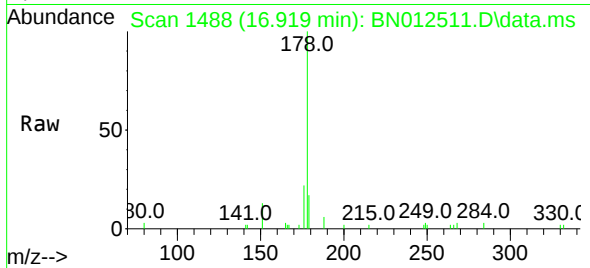




#25  
Phenanthrene  
Concen: 0.37 ng  
RT: 16.919 min Scan# 1488  
Delta R.T. -0.012 min  
Lab File: BN012511.D  
Acq: 09 Nov 2020 13:57

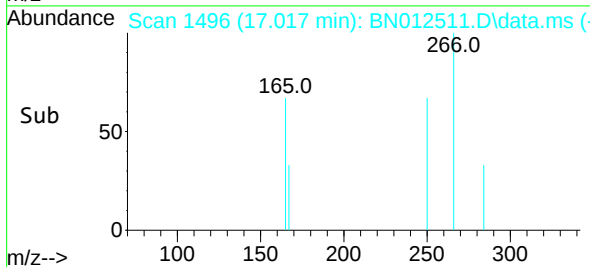
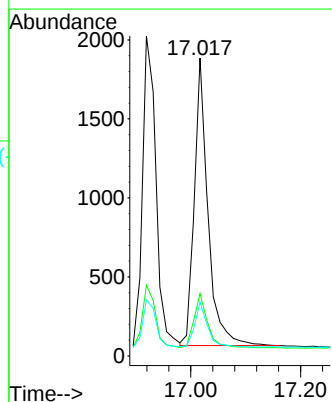
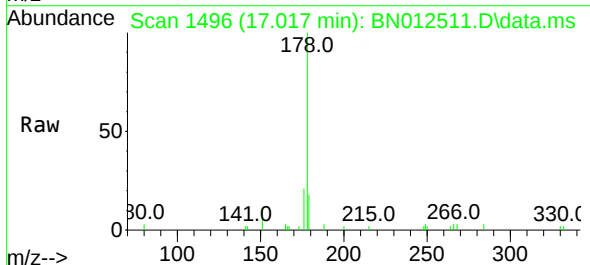
Instrument :  
BNA\_N  
ClientSampleId :  
PB132836BS

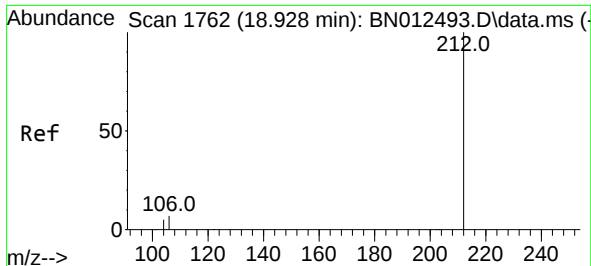
Tgt Ion:178 Resp: 3402  
Ion Ratio Lower Upper  
178 100  
176 19.9 14.8 22.2  
179 15.2 12.4 18.6



#26  
Anthracene  
Concen: 0.37 ng  
RT: 17.017 min Scan# 1496  
Delta R.T. -0.000 min  
Lab File: BN012511.D  
Acq: 09 Nov 2020 13:57

Tgt Ion:178 Resp: 3138  
Ion Ratio Lower Upper  
178 100  
176 18.7 14.8 22.2  
179 14.7 12.5 18.7

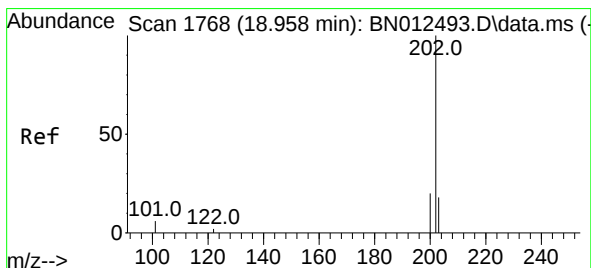
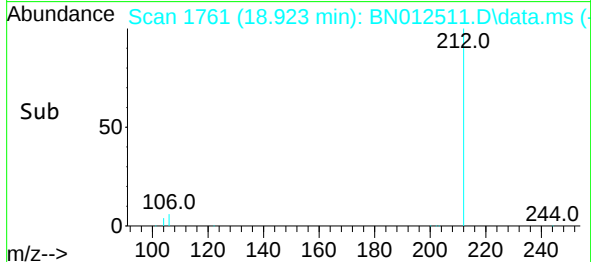
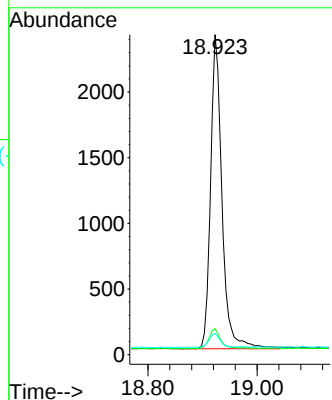
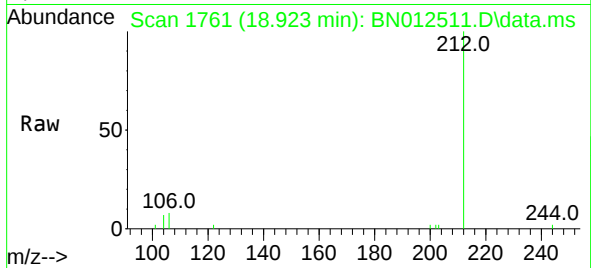




#27  
Fluoranthene-d10  
Concen: 0.36 ng  
RT: 18.923 min Scan# 1761  
Delta R.T. -0.005 min  
Lab File: BN012511.D  
Acq: 09 Nov 2020 13:57

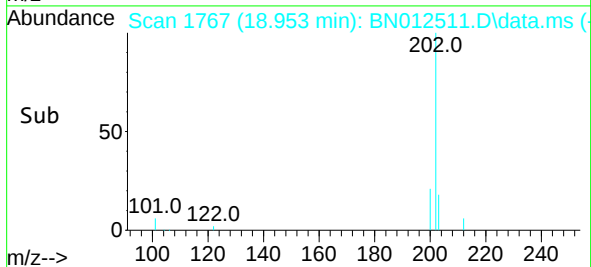
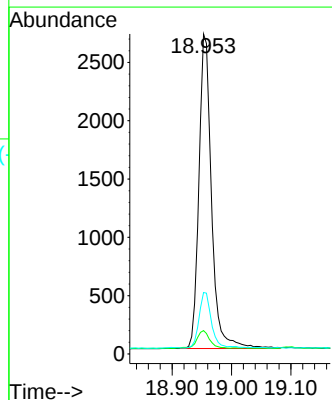
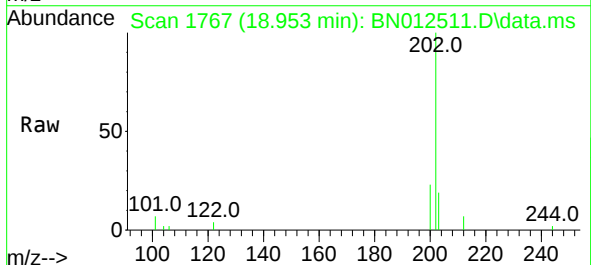
Instrument :  
BNA\_N  
ClientSampleId :  
PB132836BS

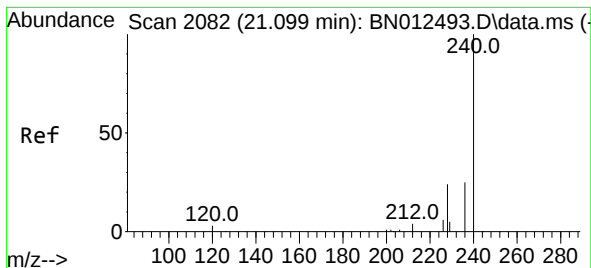
Tgt Ion:212 Resp: 3483  
Ion Ratio Lower Upper  
212 100  
106 6.3 6.8 10.2#  
104 4.2 4.1 6.1



#28  
Fluoranthene  
Concen: 0.36 ng  
RT: 18.953 min Scan# 1767  
Delta R.T. -0.005 min  
Lab File: BN012511.D  
Acq: 09 Nov 2020 13:57

Tgt Ion:202 Resp: 3985  
Ion Ratio Lower Upper  
202 100  
101 5.7 5.8 8.6#  
203 17.6 13.7 20.5





#29

Chrysene-d12

Concen: 0.40 ng

RT: 21.089 min Scan# 2081

Delta R.T. -0.011 min

Lab File: BN012511.D

Acq: 09 Nov 2020 13:57

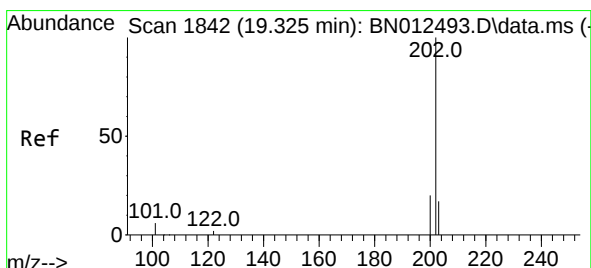
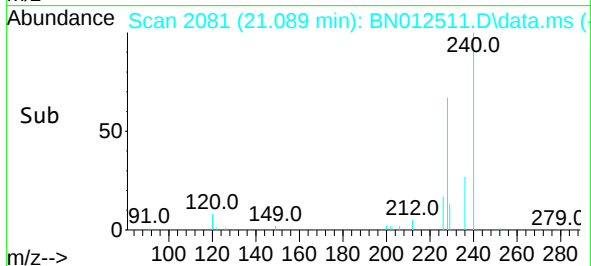
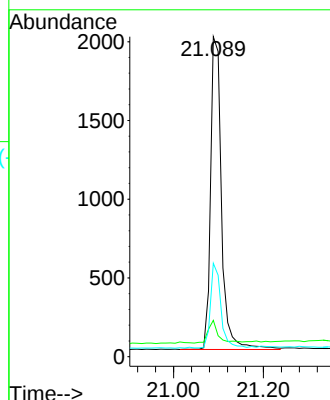
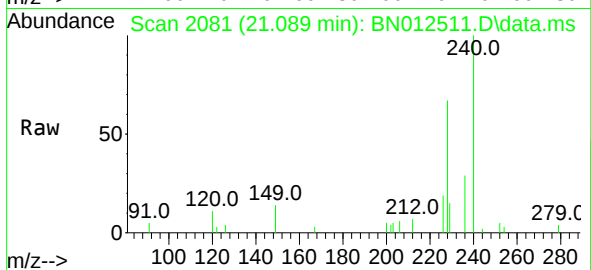
Instrument :

BNA\_N

ClientSampleId :

PB132836BS

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:240 | Resp: | 3345      |
| Ion Ratio   | Lower | Upper     |
| 240         | 100   |           |
| 120         | 11.4  | 5.3 7.9#  |
| 236         | 29.2  | 21.8 32.8 |



#30

Pyrene

Concen: 0.36 ng

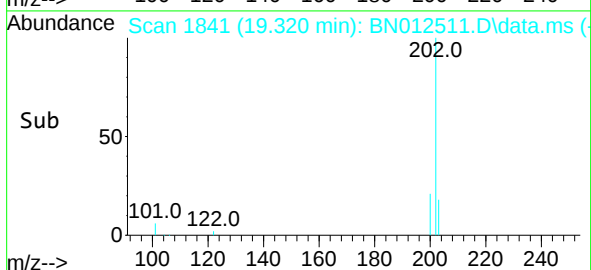
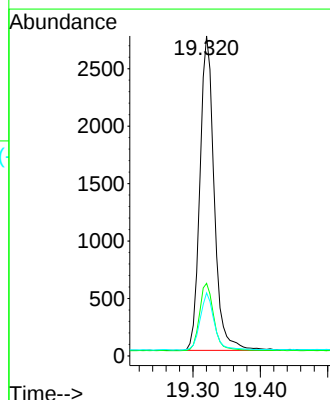
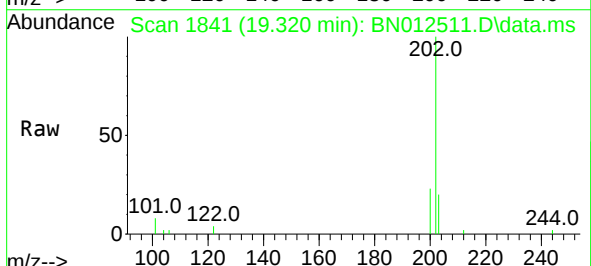
RT: 19.320 min Scan# 1841

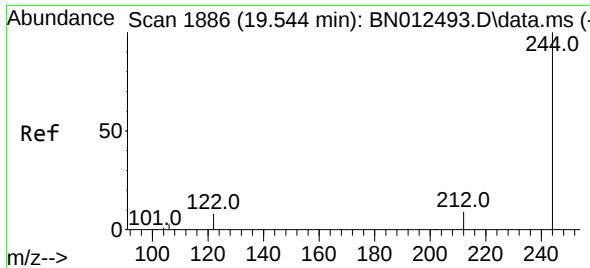
Delta R.T. -0.005 min

Lab File: BN012511.D

Acq: 09 Nov 2020 13:57

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:202 | Resp: | 4034      |
| Ion Ratio   | Lower | Upper     |
| 202         | 100   |           |
| 200         | 21.7  | 16.6 24.8 |
| 203         | 18.0  | 13.8 20.8 |

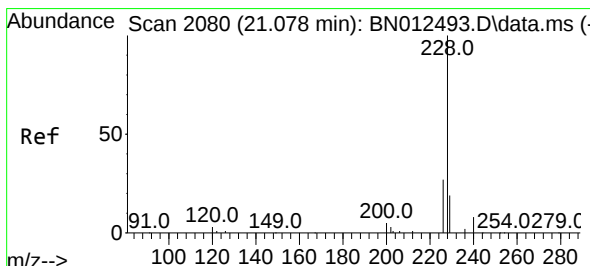
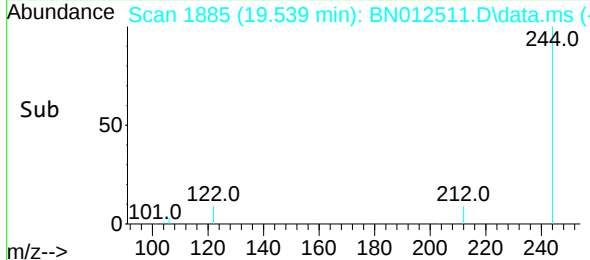
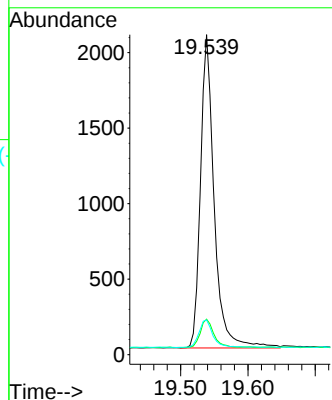
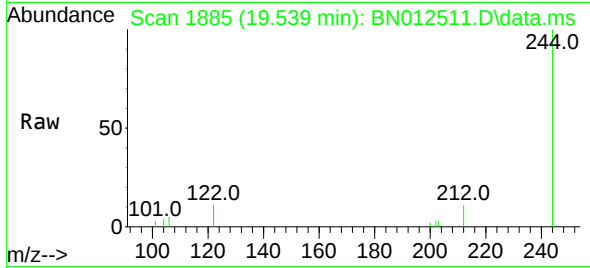




#31  
 Terphenyl-d14  
 Concen: 0.37 ng  
 RT: 19.539 min Scan# 1885  
 Delta R.T. -0.005 min  
 Lab File: BN012511.D  
 Acq: 09 Nov 2020 13:57

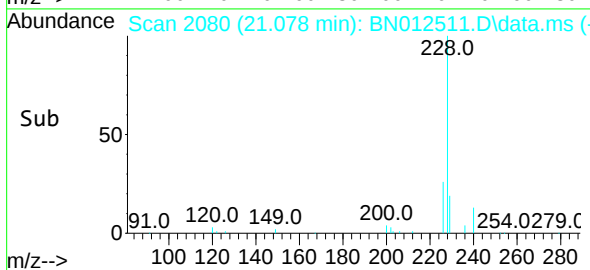
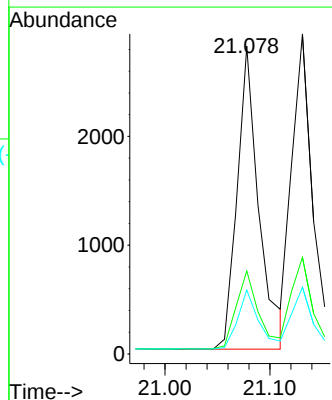
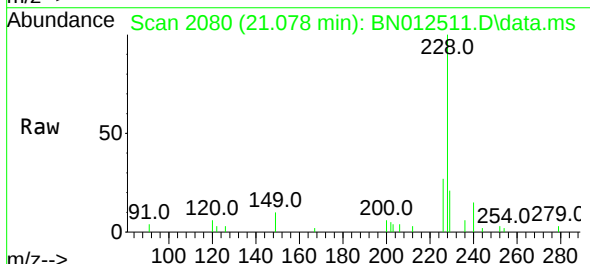
Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB132836BS

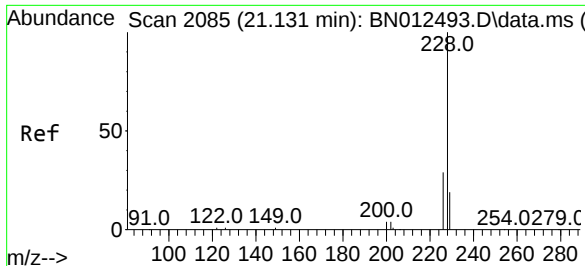
Tgt Ion:244 Resp: 2933  
 Ion Ratio Lower Upper  
 244 100  
 212 11.1 7.3 10.9#  
 122 10.9 7.3 10.9



#32  
 Benzo(a)anthracene  
 Concen: 0.37 ng  
 RT: 21.078 min Scan# 2080  
 Delta R.T. -0.000 min  
 Lab File: BN012511.D  
 Acq: 09 Nov 2020 13:57

Tgt Ion:228 Resp: 3989  
 Ion Ratio Lower Upper  
 228 100  
 226 27.0 22.3 33.5  
 229 20.8 15.7 23.5

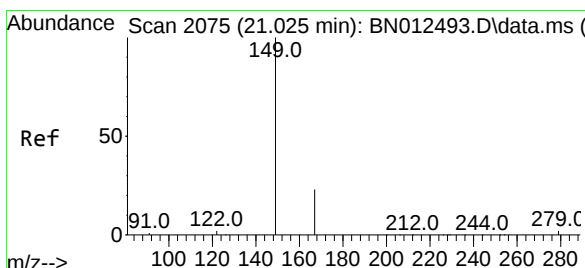
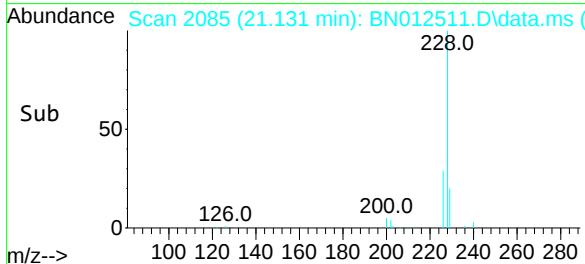
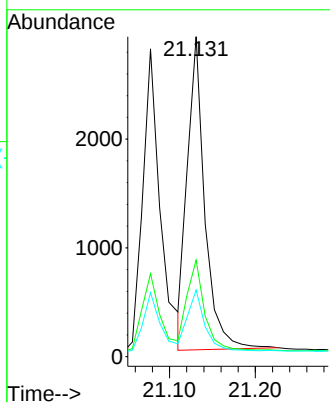
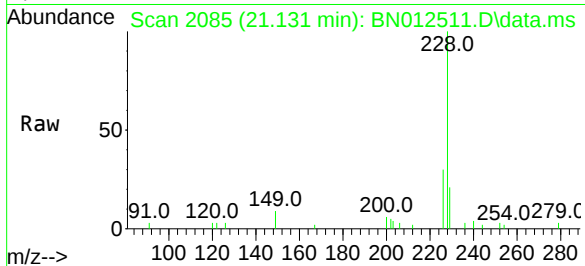




#33  
Chrysene  
Concen: 0.36 ng  
RT: 21.131 min Scan# 2085  
Delta R.T. -0.000 min  
Lab File: BN012511.D  
Acq: 09 Nov 2020 13:57

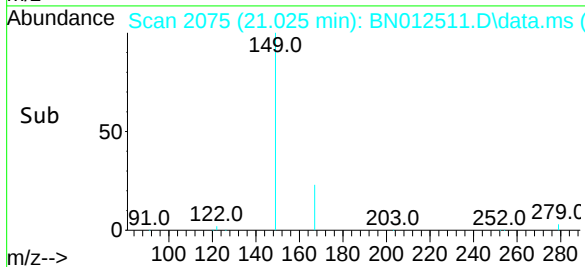
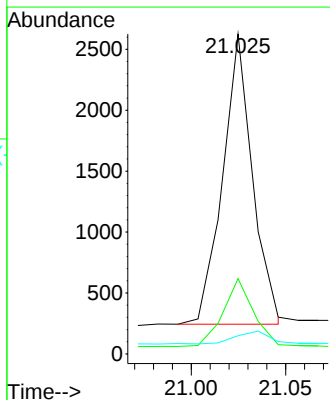
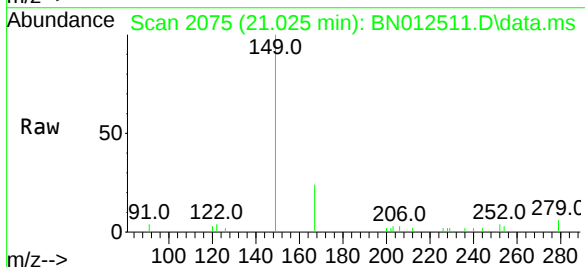
Instrument :  
BNA\_N  
ClientSampleId :  
PB132836BS

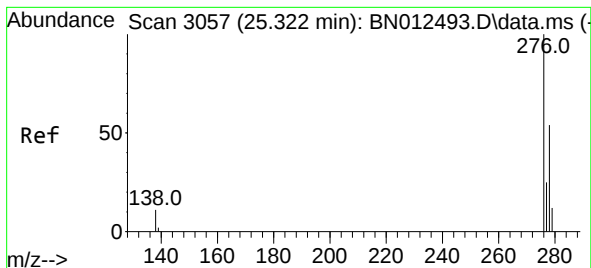
|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 228   | Resp: | 4066 |
| Ion Ratio | Lower | Upper |      |
| 228       | 100   |       |      |
| 226       | 30.2  | 24.2  | 36.2 |
| 229       | 20.8  | 15.7  | 23.5 |



#34  
Bis(2-ethylhexyl)phthalate  
Concen: 0.36 ng  
RT: 21.025 min Scan# 2075  
Delta R.T. -0.000 min  
Lab File: BN012511.D  
Acq: 09 Nov 2020 13:57

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 149   | Resp: | 2611 |
| Ion Ratio | Lower | Upper |      |
| 149       | 100   |       |      |
| 167       | 23.8  | 23.2  | 34.8 |
| 279       | 5.1   | 3.9   | 5.9  |

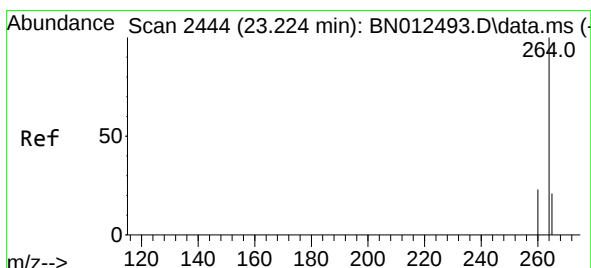
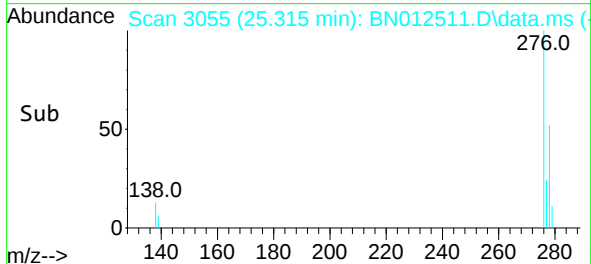
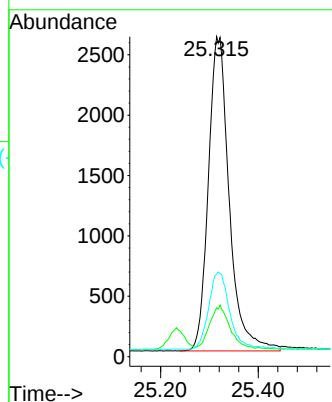
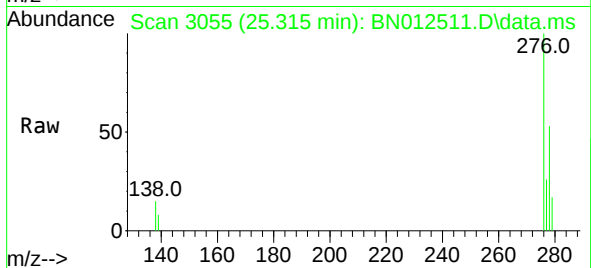




#35  
Indeno(1,2,3-cd)pyrene  
Concen: 0.46 ng  
RT: 25.315 min Scan# 3055  
Delta R.T. -0.007 min  
Lab File: BN012511.D  
Acq: 09 Nov 2020 13:57

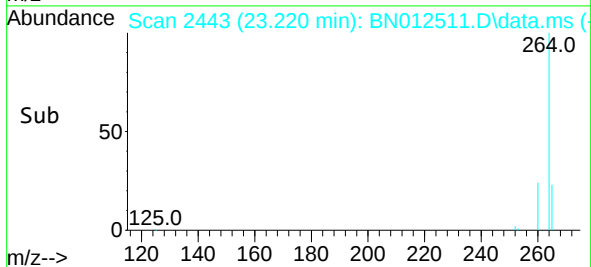
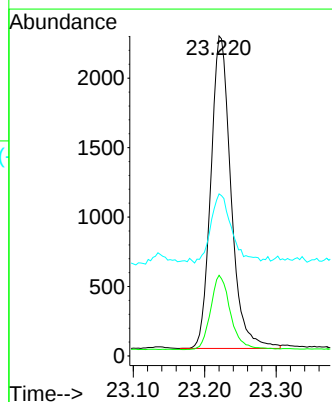
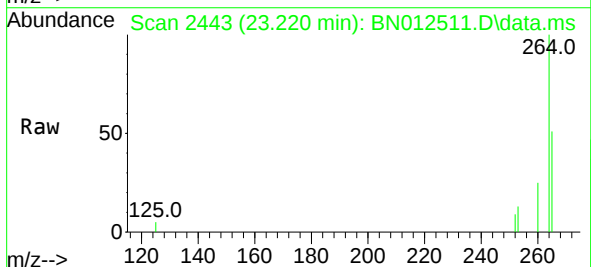
Instrument :  
BNA\_N  
ClientSampleId :  
PB132836BS

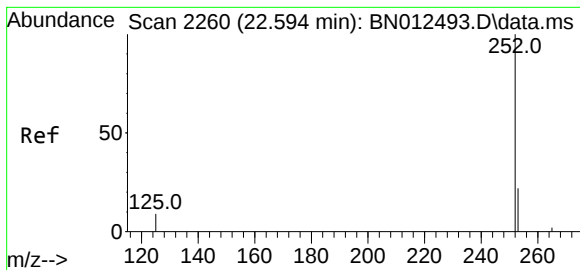
|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 276   | Resp: | 7745 |
| Ion Ratio | Lower | Upper |      |
| 276       | 100   |       |      |
| 138       | 13.5  | 13.3  | 19.9 |
| 277       | 24.6  | 20.2  | 30.4 |



#36  
Perylene-d12  
Concen: 0.40 ng  
RT: 23.220 min Scan# 2443  
Delta R.T. -0.003 min  
Lab File: BN012511.D  
Acq: 09 Nov 2020 13:57

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 264   | Resp: | 4420  |
| Ion Ratio | Lower | Upper |       |
| 264       | 100   |       |       |
| 260       | 25.2  | 19.8  | 29.6  |
| 265       | 50.7  | 51.4  | 77.0# |

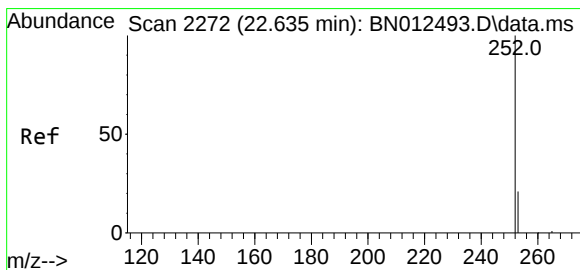
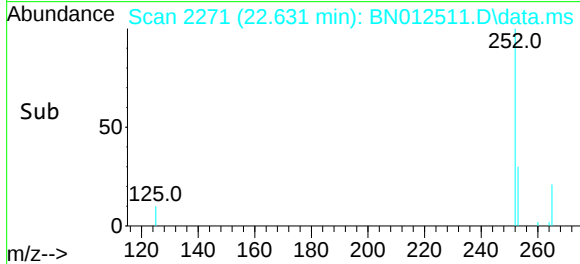
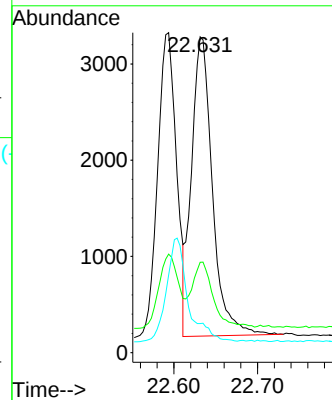
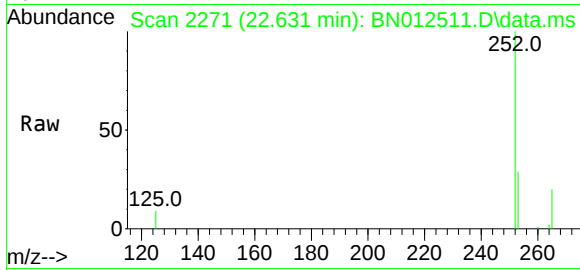




#37  
Benzo(b)fluoranthene  
Concen: 0.38 ng  
RT: 22.631 min Scan# 2271  
Delta R.T. 0.038 min  
Lab File: BN012511.D  
Acq: 09 Nov 2020 13:57

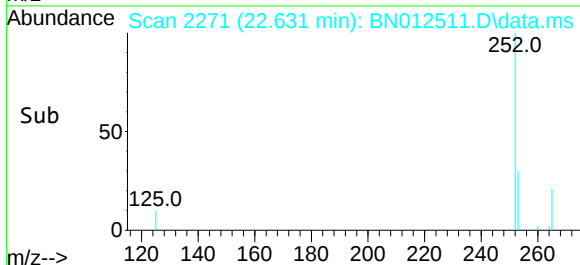
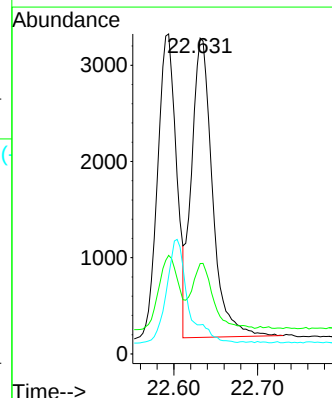
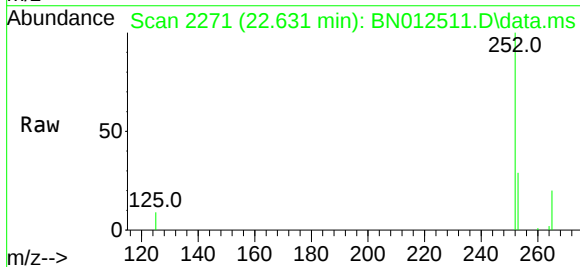
Instrument :  
BNA\_N  
ClientSampleId :  
PB132836BS

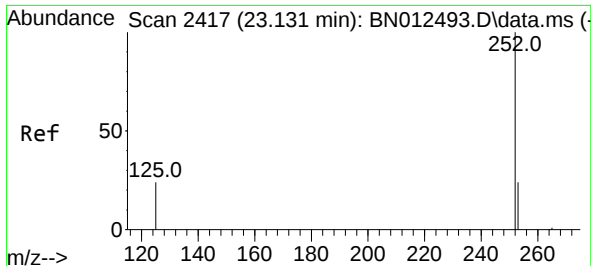
Tgt Ion:252 Resp: 5408  
Ion Ratio Lower Upper  
252 100  
253 28.6 20.1 30.1  
125 9.2 7.2 10.8



#38  
Benzo(k)fluoranthene  
Concen: 0.36 ng  
RT: 22.631 min Scan# 2271  
Delta R.T. -0.003 min  
Lab File: BN012511.D  
Acq: 09 Nov 2020 13:57

Tgt Ion:252 Resp: 5408  
Ion Ratio Lower Upper  
252 100  
253 28.6 19.8 29.8  
125 9.2 7.1 10.7





#39

Benzo(a)pyrene

Concen: 0.39 ng

RT: 23.131 min Scan# 2417

Delta R.T. -0.000 min

Lab File: BN012511.D

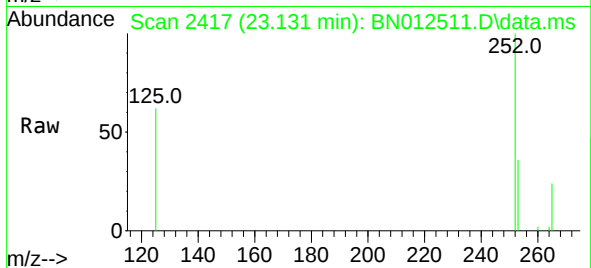
Acq: 09 Nov 2020 13:57

Instrument :

BNA\_N

ClientSampleId :

PB132836BS



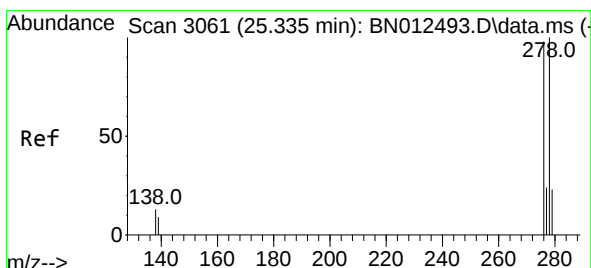
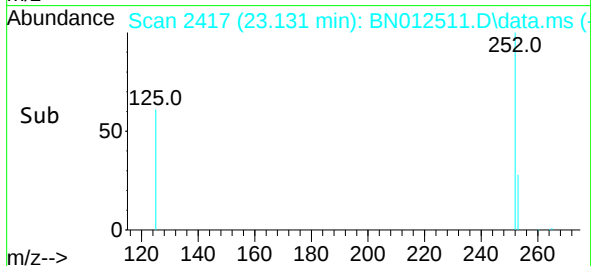
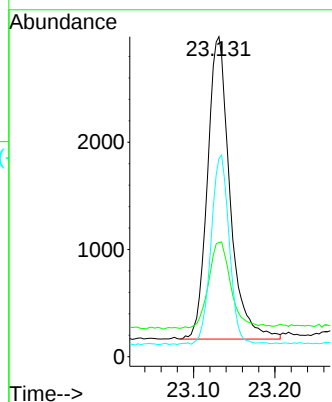
Tgt Ion:252 Resp: 5405

Ion Ratio Lower Upper

252 100

253 35.7 21.3 31.9#

125 61.9 8.3 12.5#



#40

Dibenzo(a,h)anthracene

Concen: 0.41 ng

RT: 25.329 min Scan# 3059

Delta R.T. -0.007 min

Lab File: BN012511.D

Acq: 09 Nov 2020 13:57

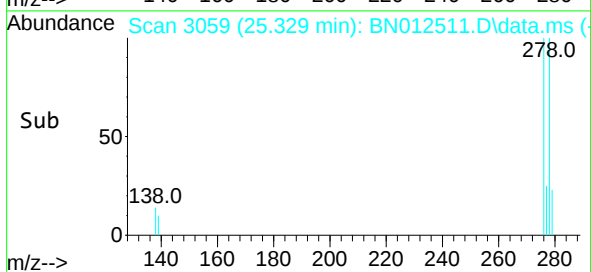
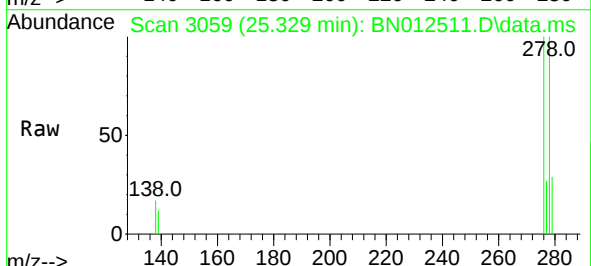
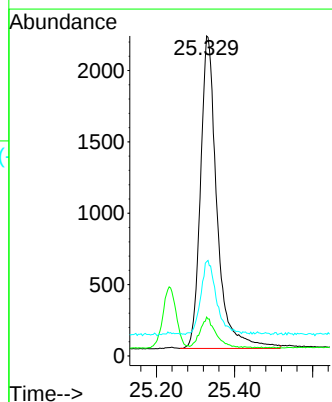
Tgt Ion:278 Resp: 6409

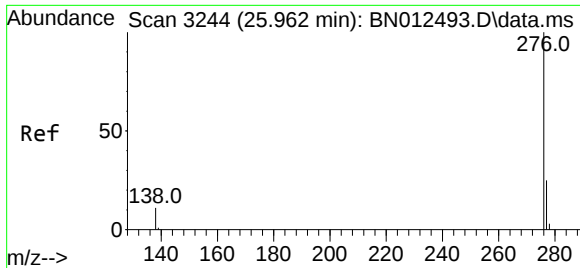
Ion Ratio Lower Upper

278 100

139 12.2 9.3 13.9

279 29.5 21.6 32.4





#41  
 Benzo(g,h,i)perylene  
 Concen: 0.41 ng  
 RT: 25.958 min Scan# 3243  
 Delta R.T. -0.003 min  
 Lab File: BN012511.D  
 Acq: 09 Nov 2020 13:57

Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB132836BS

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 276   | Resp: | 6664  |
| Ion      | Ratio | Lower | Upper |
| 276      | 100   |       |       |
| 277      | 25.6  | 19.8  | 29.8  |
| 138      | 14.2  | 11.7  | 17.5  |

