

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN052721\  
 Data File : BN014795.D  
 Acq On : 27 May 2021 16:52  
 Operator : CG/JU  
 Sample : PB136575BS  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB136575BS

Quant Time: May 27 17:27:27 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN052621.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu May 27 01:39:07 2021  
 Response via : Initial Calibration

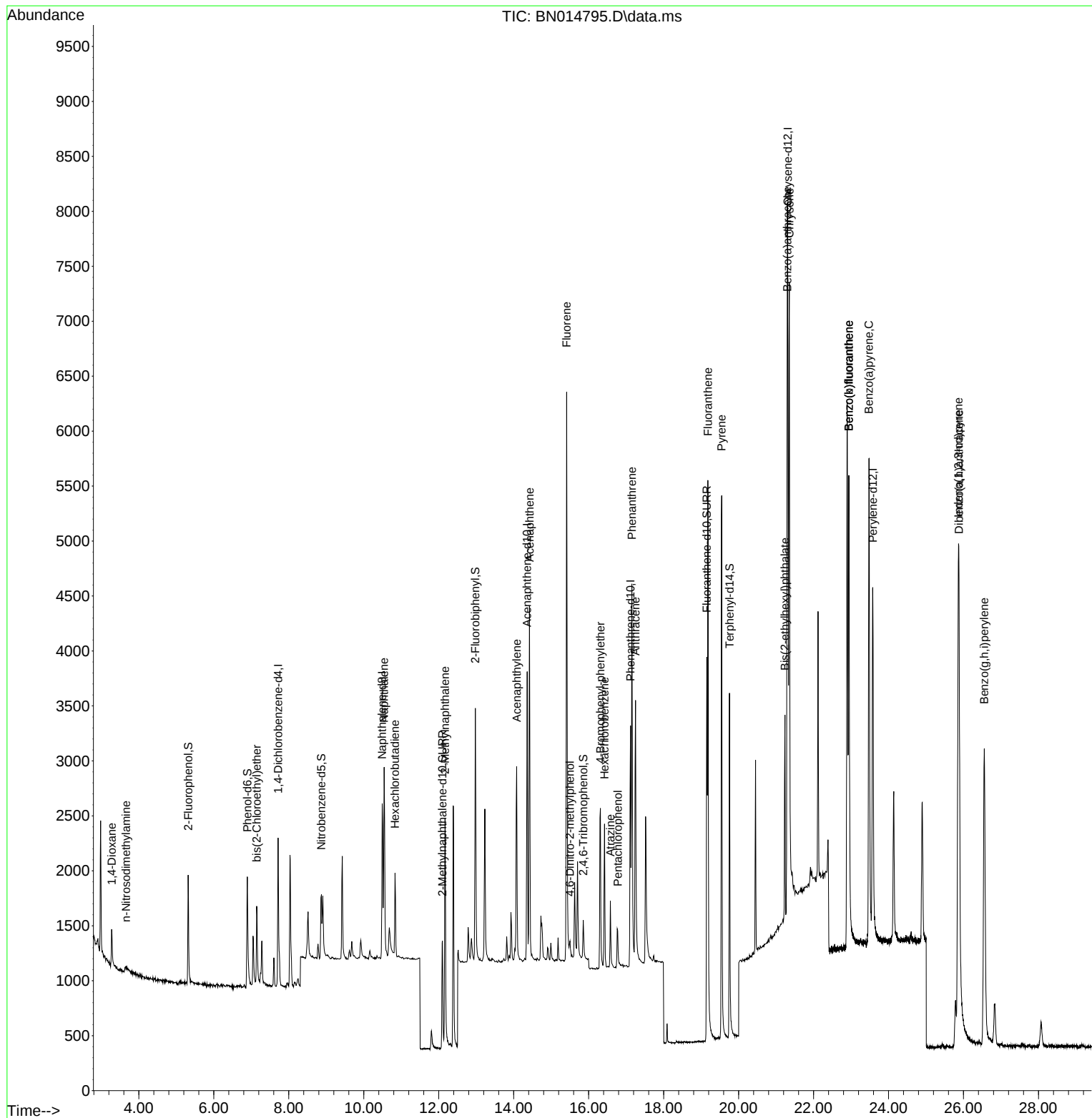
| Compound                      | R.T.   | QIon | Response | Conc | Units | Dev(Min) |
|-------------------------------|--------|------|----------|------|-------|----------|
| -----                         |        |      |          |      |       |          |
| Internal Standards            |        |      |          |      |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.717  | 152  | 632      | 0.40 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.492 | 136  | 2192     | 0.40 | ng    | -0.01    |
| 13) Acenaphthene-d10          | 14.359 | 164  | 1539     | 0.40 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.116 | 188  | 3631     | 0.40 | ng    | 0.00     |
| 29) Chrysene-d12              | 21.311 | 240  | 4541     | 0.40 | ng    | #-0.01   |
| 35) Perylene-d12              | 23.579 | 264  | 4760     | 0.40 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |      |       |          |
| 4) 2-Fluorophenol             | 5.317  | 112  | 847      | 0.50 | ng    | 0.00     |
| 5) Phenol-d6                  | 6.895  | 99   | 1098     | 0.47 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 8.870  | 82   | 766      | 0.38 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 12.098 | 152  | 1572     | 0.35 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.856 | 330  | 375      | 0.42 | ng    | -0.01    |
| 15) 2-Fluorobiphenyl          | 12.976 | 172  | 2209     | 0.39 | ng    | -0.01    |
| 27) Fluoranthene-d10          | 19.151 | 212  | 4780     | 0.33 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.757 | 244  | 4162     | 0.39 | ng    | 0.00     |
| Target Compounds              |        |      |          |      |       |          |
|                               |        |      |          |      |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.279  | 88   | 352      | 0.48 | ng    | # 89     |
| 3) n-Nitrosodimethylamine     | 3.658  | 42   | 36       | 0.32 | ng    | # 1      |
| 6) bis(2-Chloroethyl)ether    | 7.145  | 93   | 753      | 0.39 | ng    | 96       |
| 9) Naphthalene                | 10.543 | 128  | 2430     | 0.39 | ng    | 95       |
| 10) Hexachlorobutadiene       | 10.835 | 225  | 651      | 0.39 | ng    | # 99     |
| 12) 2-Methylnaphthalene       | 12.169 | 142  | 1675     | 0.36 | ng    | 97       |
| 16) Acenaphthylene            | 14.080 | 152  | 2293     | 0.37 | ng    | 98       |
| 17) Acenaphthene              | 14.422 | 154  | 1694     | 0.38 | ng    | 99       |
| 18) Fluorene                  | 15.412 | 166  | 2261     | 0.36 | ng    | 99       |
| 20) 4,6-Dinitro-2-methylph... | 15.501 | 198  | 129      | 0.41 | ng    | # 81     |
| 21) 4-Bromophenyl-phenylether | 16.313 | 248  | 900      | 0.36 | ng    | 91       |
| 22) Hexachlorobenzene         | 16.422 | 284  | 1063     | 0.39 | ng    | 99       |
| 23) Atrazine                  | 16.580 | 200  | 555      | 0.34 | ng    | 99       |
| 24) Pentachlorophenol         | 16.775 | 266  | 253      | 0.43 | ng    | # 80     |
| 25) Phenanthrene              | 17.152 | 178  | 3889     | 0.36 | ng    | 99       |
| 26) Anthracene                | 17.250 | 178  | 3284     | 0.36 | ng    | 96       |
| 28) Fluoranthene              | 19.181 | 202  | 5025     | 0.33 | ng    | 99       |
| 30) Pyrene                    | 19.548 | 202  | 5198     | 0.40 | ng    | 99       |
| 32) Benzo(a)anthracene        | 21.300 | 228  | 5130     | 0.37 | ng    | 98       |
| 33) Chrysene                  | 21.354 | 228  | 6092     | 0.40 | ng    | 100      |
| 34) Bis(2-ethylhexyl)phtha... | 21.237 | 149  | 1607     | 0.41 | ng    | 98       |
| 36) Indeno(1,2,3-cd)pyrene    | 25.862 | 276  | 7312     | 0.37 | ng    | 98       |
| 37) Benzo(b)fluoranthene      | 22.939 | 252  | 6797     | 0.39 | ng    | 97       |
| 38) Benzo(k)fluoranthene      | 22.939 | 252  | 6797     | 0.37 | ng    | 99       |
| 39) Benzo(a)pyrene            | 23.476 | 252  | 6119     | 0.39 | ng    | # 71     |
| 40) Dibenzo(a,h)anthracene    | 25.879 | 278  | 5904     | 0.36 | ng    | 97       |
| 41) Benzo(g,h,i)perylene      | 26.553 | 276  | 6606     | 0.38 | ng    | 98       |
| -----                         |        |      |          |      |       |          |

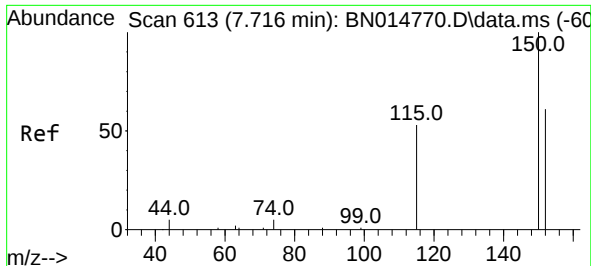
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN052721\  
Data File : BN014795.D  
Acq On : 27 May 2021 16:52  
Operator : CG/JU  
Sample : PB136575BS  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
PB136575BS

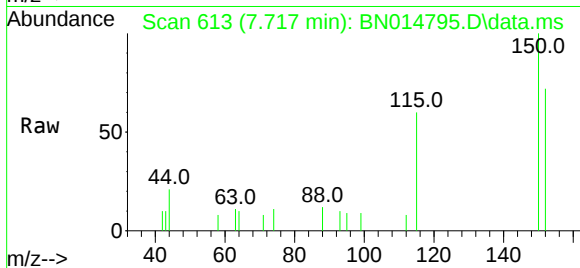
Quant Time: May 27 17:27:27 2021  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN052621.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu May 27 01:39:07 2021  
Response via : Initial Calibration



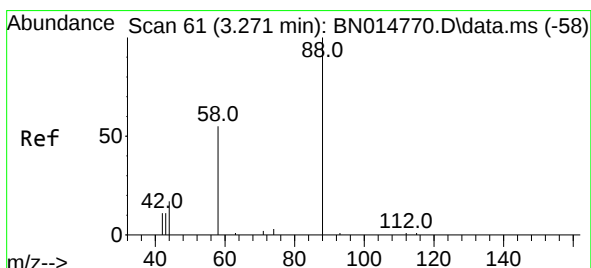
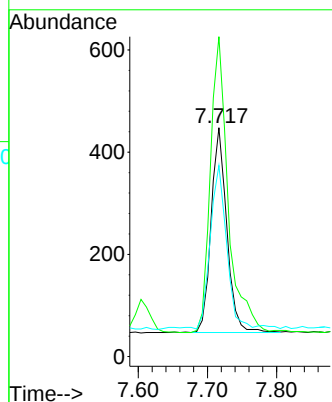
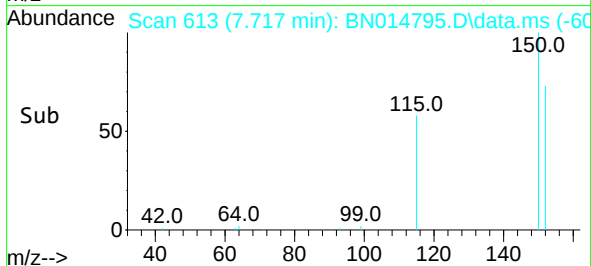


#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.40 ng  
 RT: 7.717 min Scan# 613  
 Delta R.T. 0.001 min  
 Lab File: BN014795.D  
 Acq: 27 May 2021 16:52

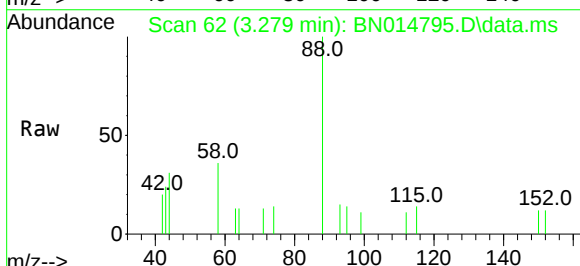
Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB136575BS



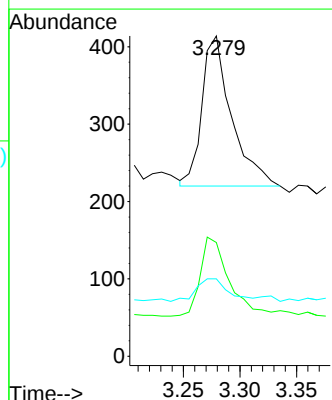
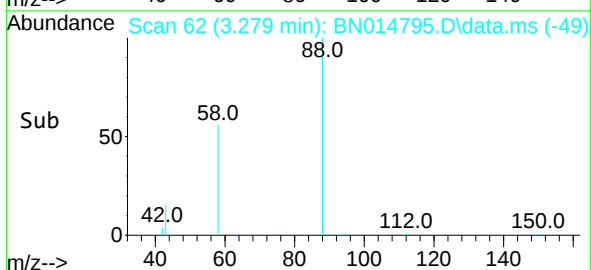
Tgt Ion:152 Resp: 632  
 Ion Ratio Lower Upper  
 152 100  
 150 139.7 123.4 185.2  
 115 83.5 73.2 109.8

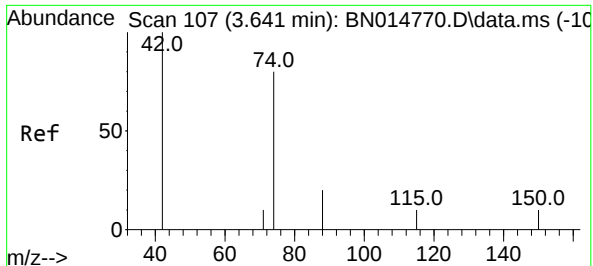


#2  
 1,4-Dioxane  
 Concen: 0.48 ng  
 RT: 3.279 min Scan# 62  
 Delta R.T. 0.008 min  
 Lab File: BN014795.D  
 Acq: 27 May 2021 16:52



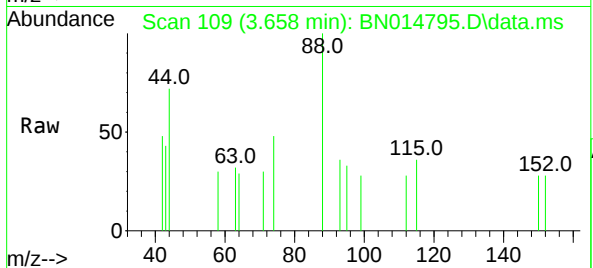
Tgt Ion: 88 Resp: 352  
 Ion Ratio Lower Upper  
 88 100  
 58 50.9 44.7 67.1  
 43 16.2 21.0 31.6#



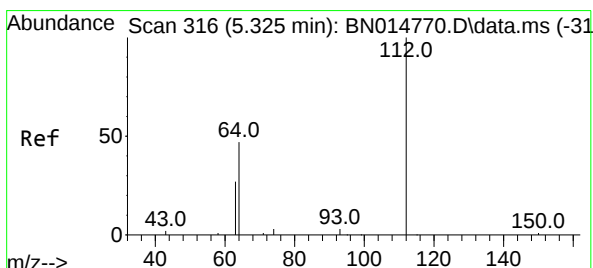
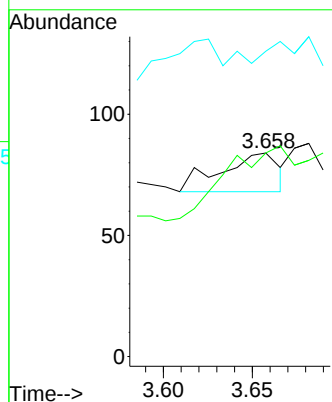
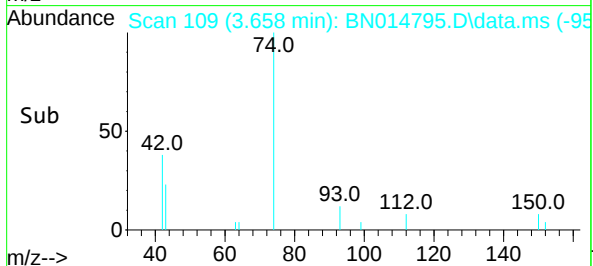


#3  
n-Nitrosodimethylamine  
Concen: 0.32 ng  
RT: 3.658 min Scan# 109  
Delta R.T. 0.017 min  
Lab File: BN014795.D  
Acq: 27 May 2021 16:52

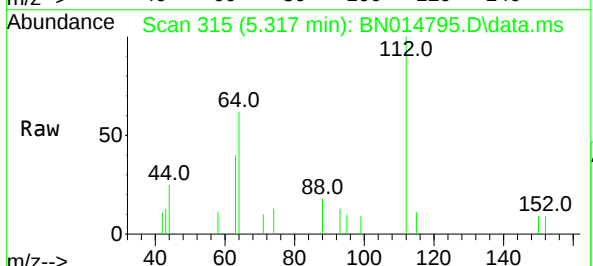
Instrument :  
BNA\_N  
ClientSampleId :  
PB136575BS



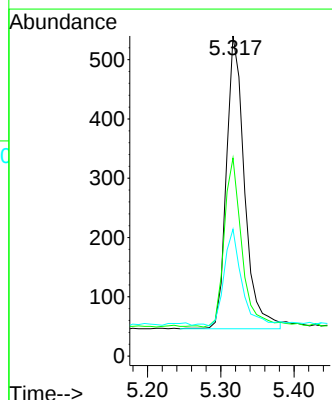
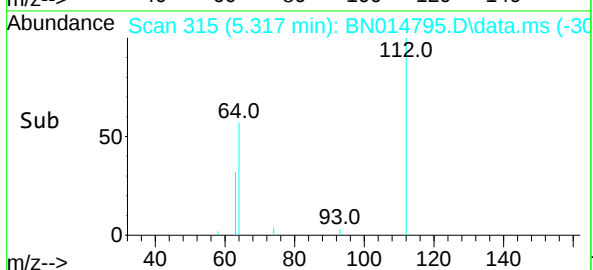
Tgt Ion: 42 Resp: 36  
Ion Ratio Lower Upper  
42 100  
74 377.8 0.0 0.0#  
44 0.0 80.0 120.0#

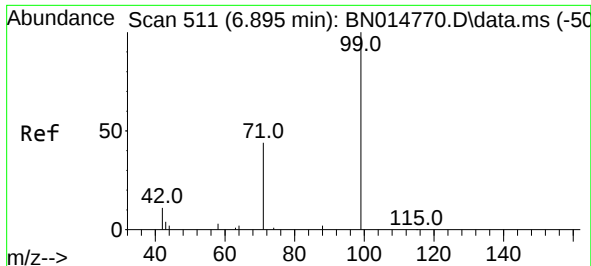


#4  
2-Fluorophenol  
Concen: 0.50 ng  
RT: 5.317 min Scan# 315  
Delta R.T. -0.008 min  
Lab File: BN014795.D  
Acq: 27 May 2021 16:52



Tgt Ion: 112 Resp: 847  
Ion Ratio Lower Upper  
112 100  
64 56.4 43.6 65.4  
63 29.9 25.0 37.6

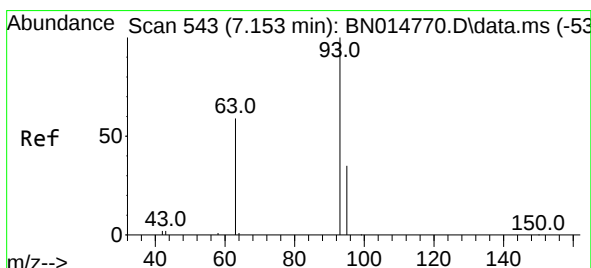
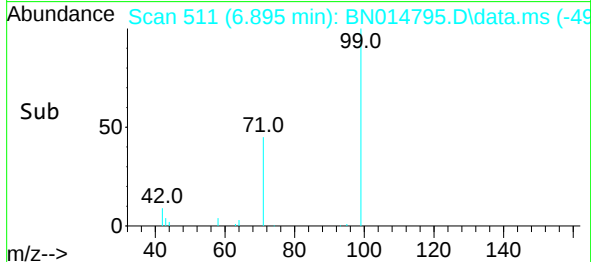
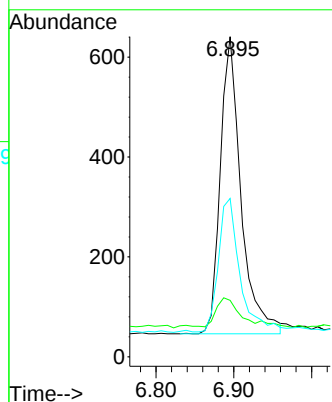
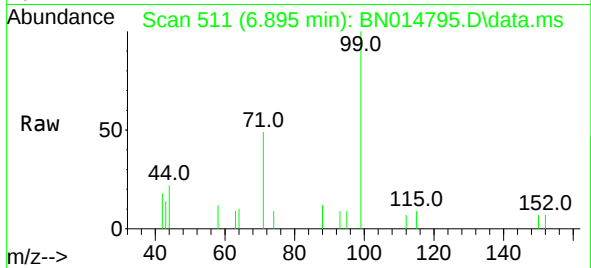




#5  
Phenol-d6  
Concen: 0.47 ng  
RT: 6.895 min Scan# 511  
Delta R.T. 0.000 min  
Lab File: BN014795.D  
Acq: 27 May 2021 16:52

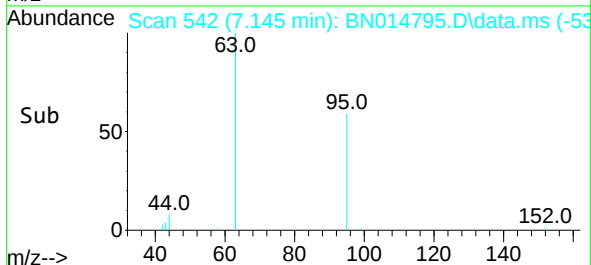
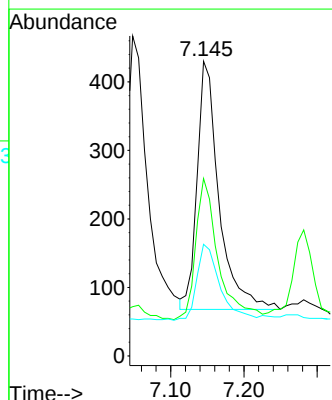
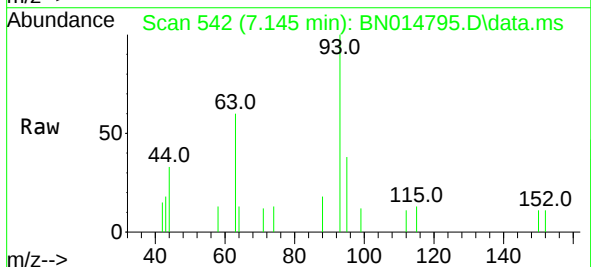
Instrument :  
BNA\_N  
ClientSampleId :  
PB136575BS

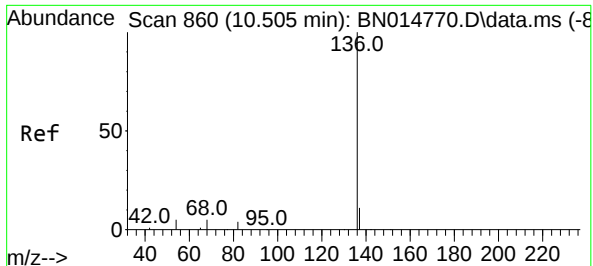
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 99    | Resp: | 1098  |
| Ion      | Ratio | Lower | Upper |
| 99       | 100   |       |       |
| 42       | 11.7  | 10.2  | 15.2  |
| 71       | 46.2  | 32.4  | 48.6  |



#6  
bis(2-Chloroethyl)ether  
Concen: 0.39 ng  
RT: 7.145 min Scan# 542  
Delta R.T. -0.008 min  
Lab File: BN014795.D  
Acq: 27 May 2021 16:52

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 93    | Resp: | 753   |
| Ion      | Ratio | Lower | Upper |
| 93       | 100   |       |       |
| 63       | 58.4  | 47.5  | 71.3  |
| 95       | 31.3  | 28.5  | 42.7  |

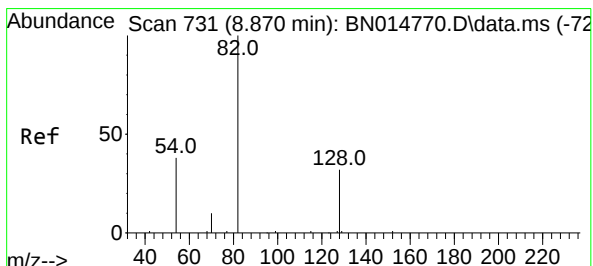
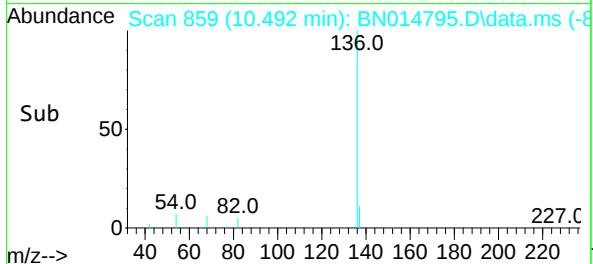
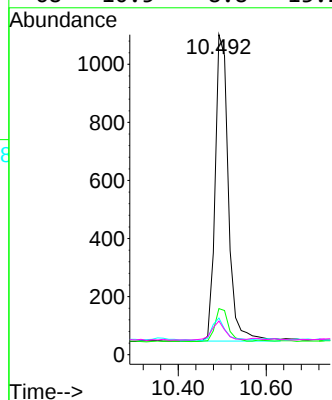
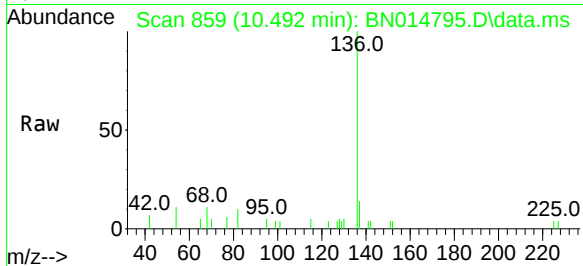




#7  
Naphthalene-d8  
Concen: 0.40 ng  
RT: 10.492 min Scan# 859  
Delta R.T. -0.013 min  
Lab File: BN014795.D  
Acq: 27 May 2021 16:52

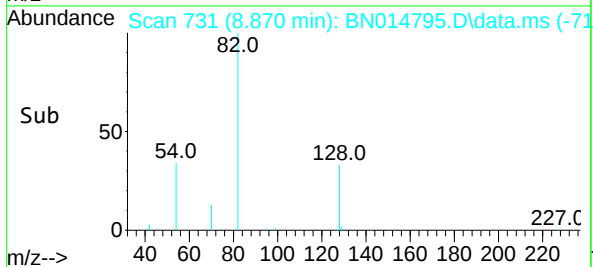
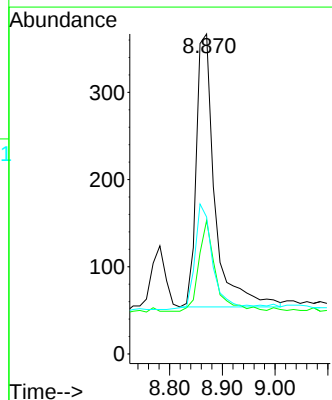
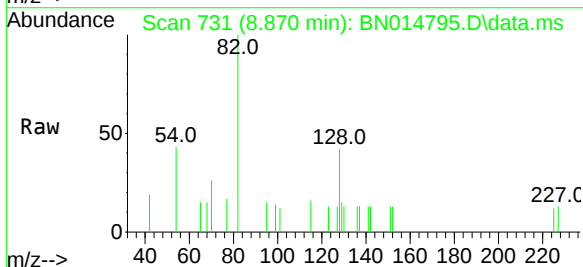
Instrument :  
BNA\_N  
ClientSampleId :  
PB136575BS

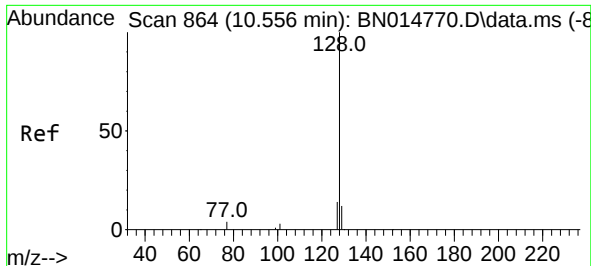
|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 136   | Resp: | 2192 |
| Ion Ratio | Lower | Upper |      |
| 136       | 100   |       |      |
| 137       | 14.4  | 13.2  | 19.8 |
| 54        | 11.4  | 9.0   | 13.4 |
| 68        | 10.5  | 8.8   | 13.2 |



#8  
Nitrobenzene-d5  
Concen: 0.38 ng  
RT: 8.870 min Scan# 731  
Delta R.T. 0.000 min  
Lab File: BN014795.D  
Acq: 27 May 2021 16:52

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 82    | Resp: | 766  |
| Ion Ratio | Lower | Upper |      |
| 82        | 100   |       |      |
| 128       | 41.7  | 34.2  | 51.2 |
| 54        | 42.8  | 38.4  | 57.6 |

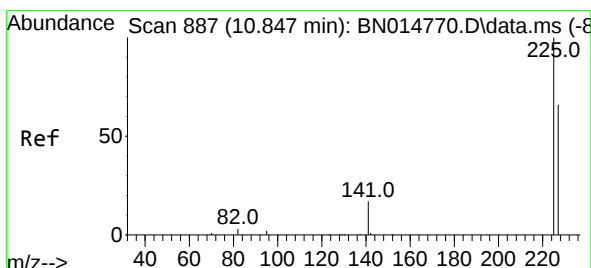
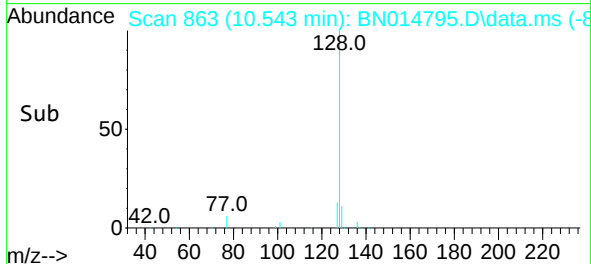
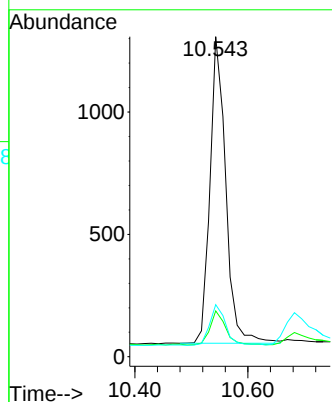
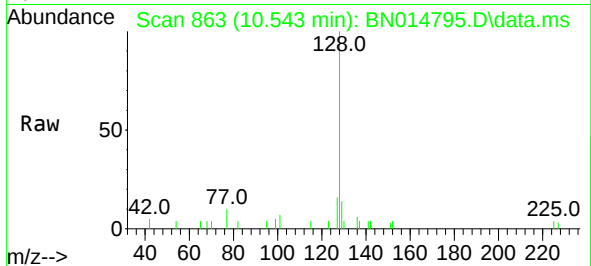




#9  
Naphthalene  
Concen: 0.39 ng  
RT: 10.543 min Scan# 863  
Delta R.T. -0.013 min  
Lab File: BN014795.D  
Acq: 27 May 2021 16:52

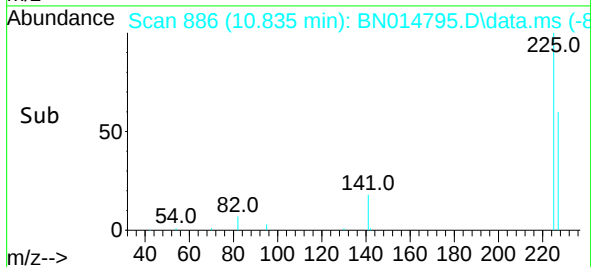
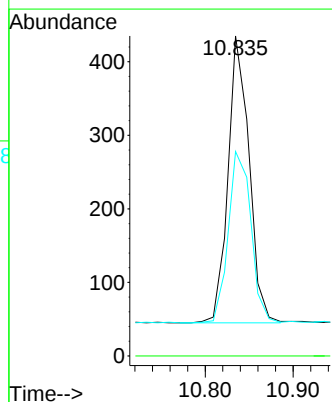
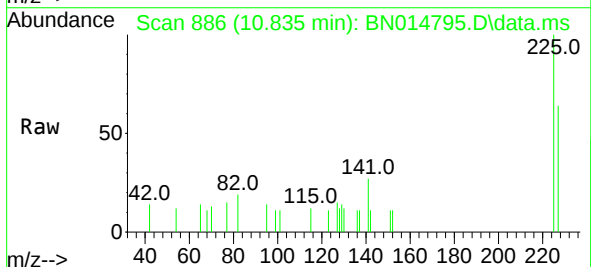
Instrument :  
BNA\_N  
ClientSampleId :  
PB136575BS

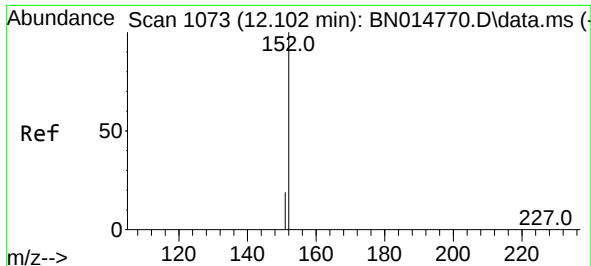
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 128   | Resp: | 2430  |
| Ion      | Ratio | Lower | Upper |
| 128      | 100   |       |       |
| 129      | 14.3  | 13.0  | 19.4  |
| 127      | 16.3  | 15.0  | 22.6  |



#10  
Hexachlorobutadiene  
Concen: 0.39 ng  
RT: 10.835 min Scan# 886  
Delta R.T. -0.013 min  
Lab File: BN014795.D  
Acq: 27 May 2021 16:52

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 225   | Resp: | 651   |
| Ion      | Ratio | Lower | Upper |
| 225      | 100   |       |       |
| 223      | 0.0   | 0.0   | 0.0   |
| 227      | 64.4  | 50.8  | 76.2  |

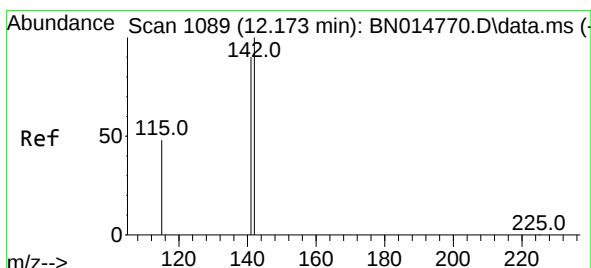
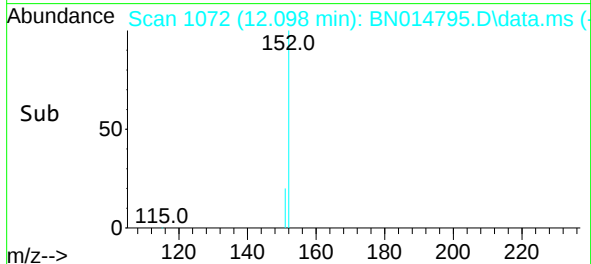
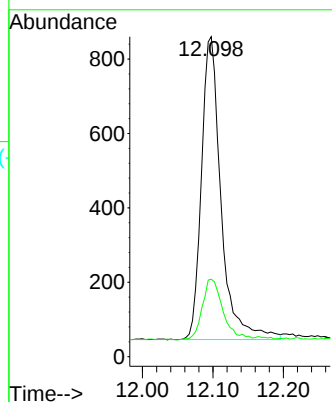
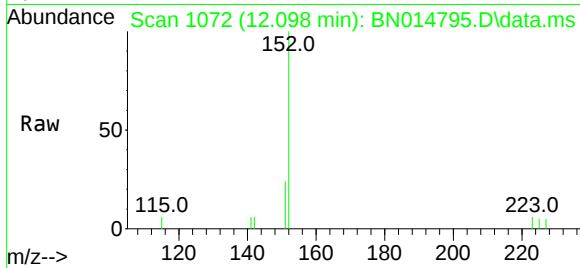




#11  
2-Methylnaphthalene-d10  
Concen: 0.35 ng  
RT: 12.098 min Scan# 1072  
Delta R.T. -0.004 min  
Lab File: BN014795.D  
Acq: 27 May 2021 16:52

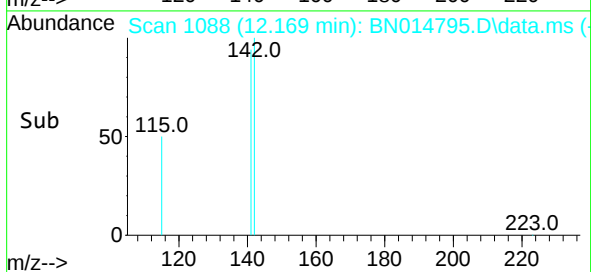
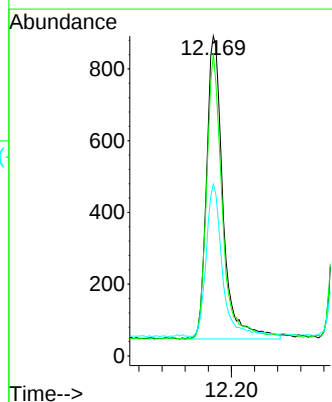
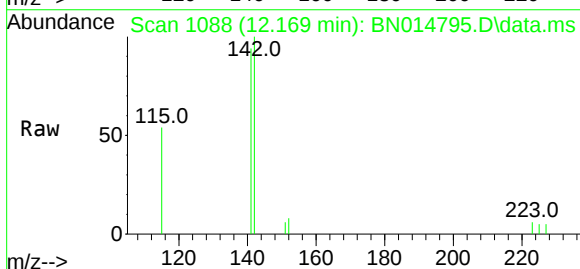
Instrument :  
BNA\_N  
ClientSampleId :  
PB136575BS

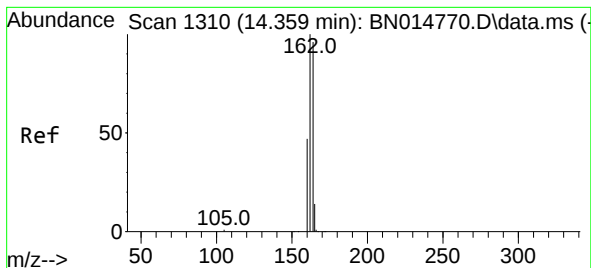
Tgt Ion:152 Resp: 1572  
Ion Ratio Lower Upper  
152 100  
151 21.2 16.8 25.2



#12  
2-Methylnaphthalene  
Concen: 0.36 ng  
RT: 12.169 min Scan# 1088  
Delta R.T. -0.004 min  
Lab File: BN014795.D  
Acq: 27 May 2021 16:52

Tgt Ion:142 Resp: 1675  
Ion Ratio Lower Upper  
142 100  
141 94.4 72.9 109.3  
115 53.7 41.8 62.6

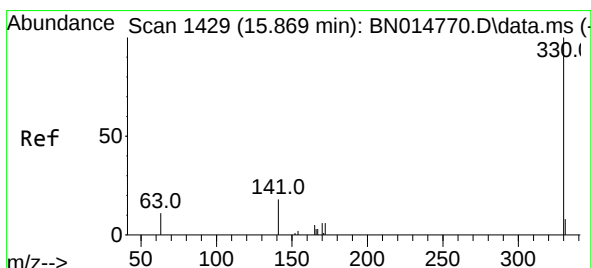
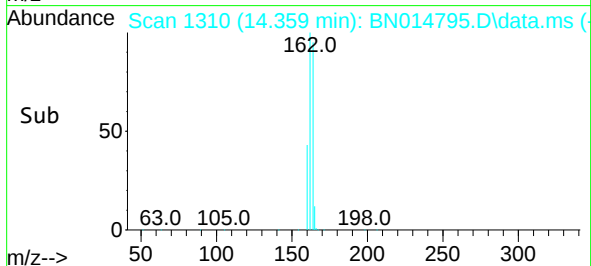
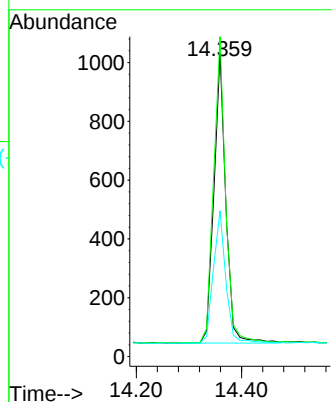
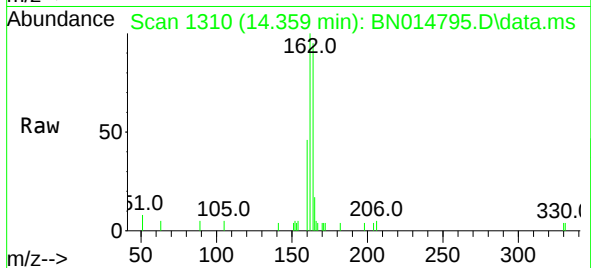




#13  
Acenaphthene-d10  
Concen: 0.40 ng  
RT: 14.359 min Scan# 1310  
Delta R.T. 0.000 min  
Lab File: BN014795.D  
Acq: 27 May 2021 16:52

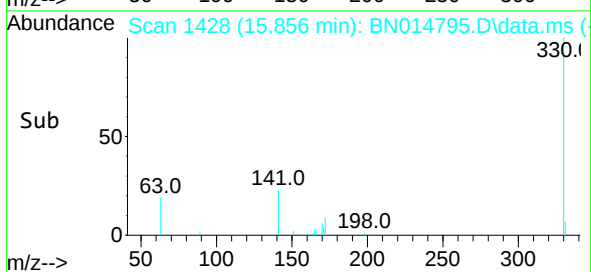
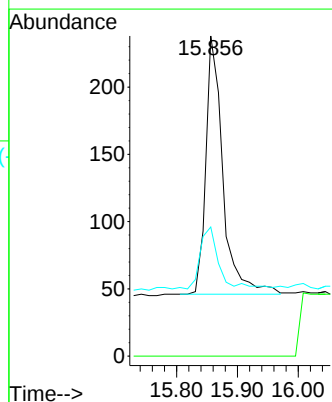
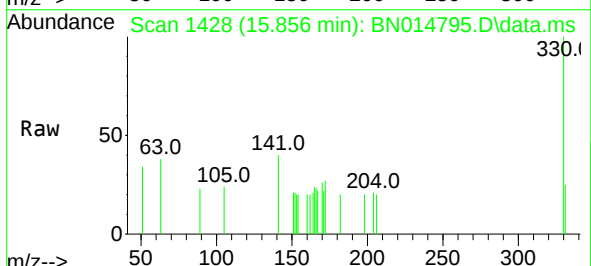
Instrument :  
BNA\_N  
ClientSampleId :  
PB136575BS

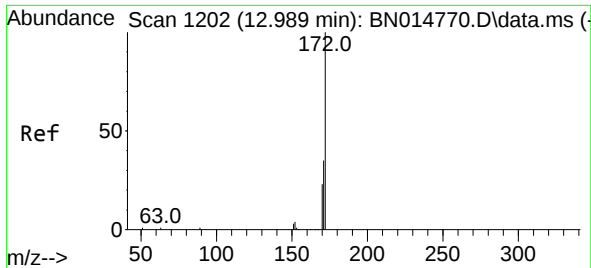
Tgt Ion:164 Resp: 1539  
Ion Ratio Lower Upper  
164 100  
162 105.4 83.2 124.8  
160 48.1 41.8 62.6



#14  
2,4,6-Tribromophenol  
Concen: 0.42 ng  
RT: 15.856 min Scan# 1428  
Delta R.T. -0.013 min  
Lab File: BN014795.D  
Acq: 27 May 2021 16:52

Tgt Ion:330 Resp: 375  
Ion Ratio Lower Upper  
330 100  
332 0.0 0.0 0.0  
141 26.4 21.8 32.6

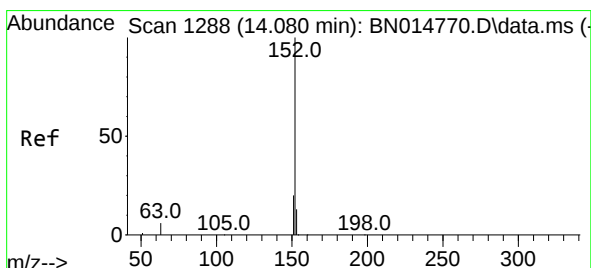
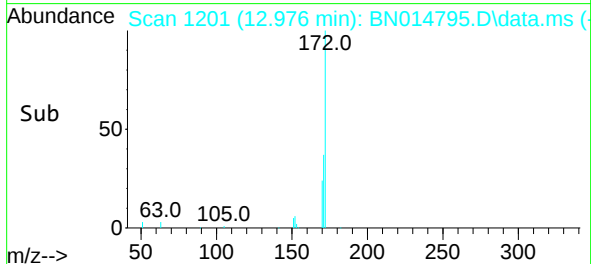
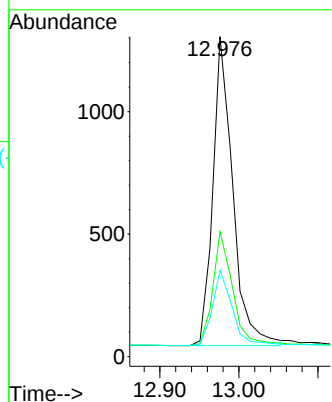
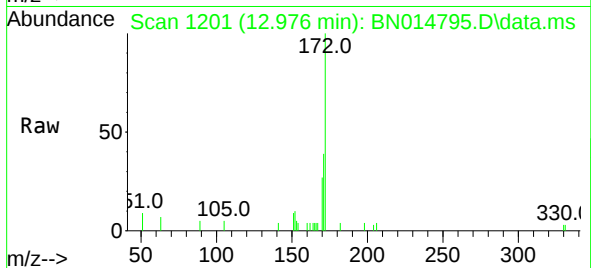




#15  
2-Fluorobiphenyl  
Concen: 0.39 ng  
RT: 12.976 min Scan# 1201  
Delta R.T. -0.013 min  
Lab File: BN014795.D  
Acq: 27 May 2021 16:52

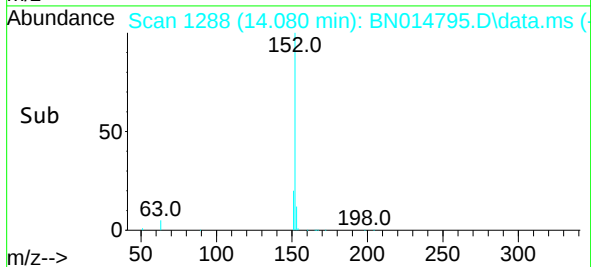
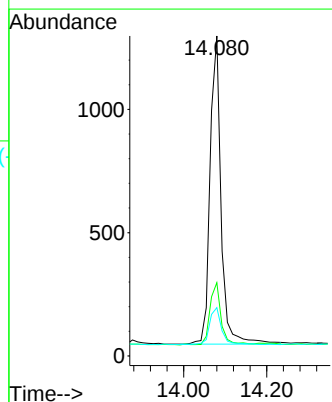
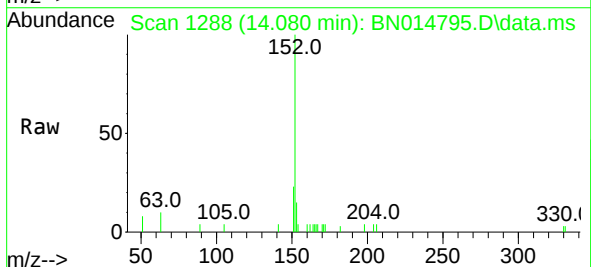
Instrument :  
BNA\_N  
ClientSampleId :  
PB136575BS

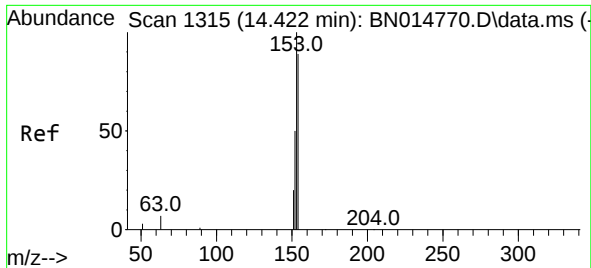
|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 172   | Resp: | 2209 |
| Ion Ratio | Lower | Upper |      |
| 172       | 100   |       |      |
| 171       | 39.1  | 30.9  | 46.3 |
| 170       | 27.0  | 21.4  | 32.0 |



#16  
Acenaphthylene  
Concen: 0.37 ng  
RT: 14.080 min Scan# 1288  
Delta R.T. 0.000 min  
Lab File: BN014795.D  
Acq: 27 May 2021 16:52

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 152   | Resp: | 2293 |
| Ion Ratio | Lower | Upper |      |
| 152       | 100   |       |      |
| 151       | 20.1  | 17.1  | 25.7 |
| 153       | 13.1  | 9.9   | 14.9 |

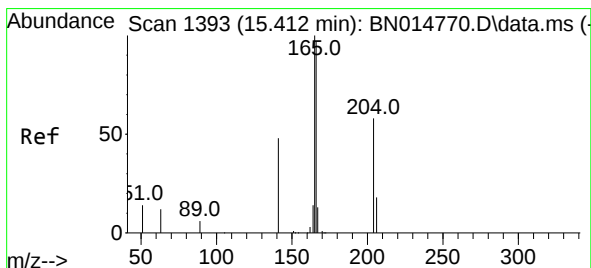
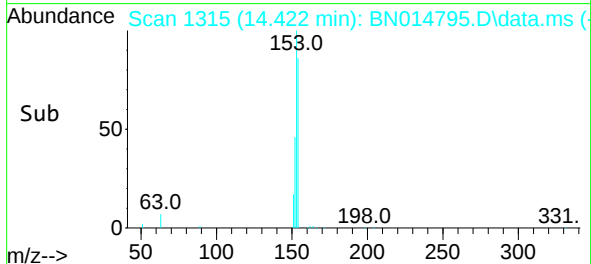
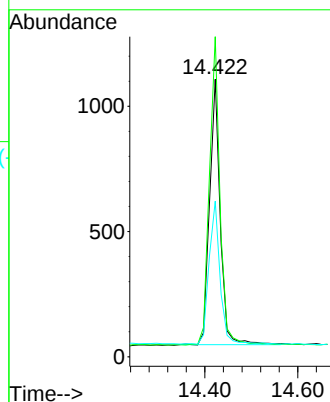
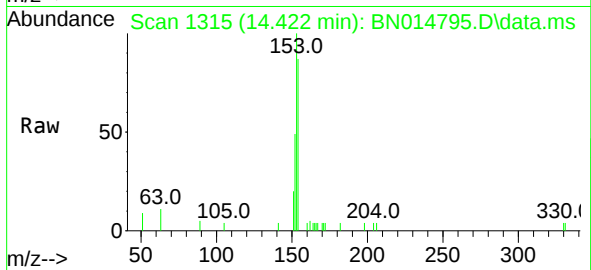




#17  
Acenaphthene  
Concen: 0.38 ng  
RT: 14.422 min Scan# 1315  
Delta R.T. 0.000 min  
Lab File: BN014795.D  
Acq: 27 May 2021 16:52

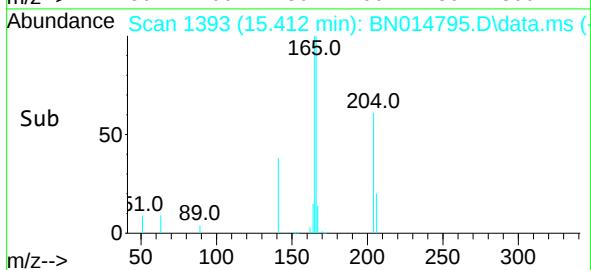
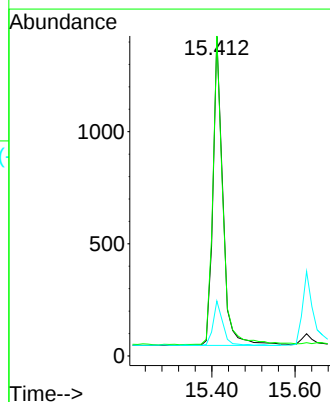
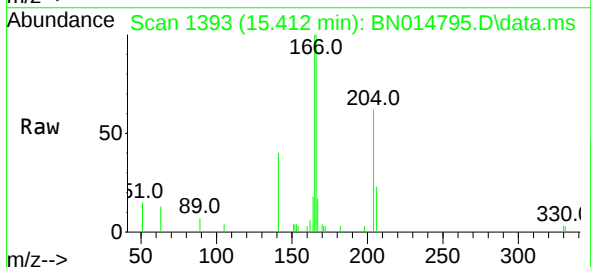
Instrument :  
BNA\_N  
ClientSampleId :  
PB136575BS

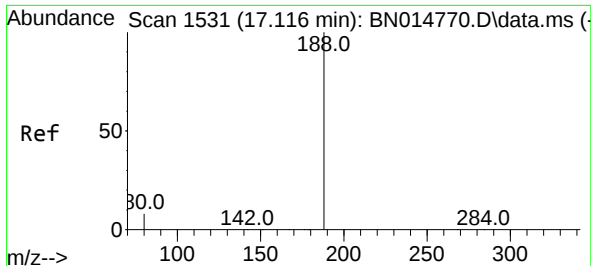
Tgt Ion:154 Resp: 1694  
Ion Ratio Lower Upper  
154 100  
153 115.5 91.8 137.8  
152 56.0 46.0 69.0



#18  
Fluorene  
Concen: 0.36 ng  
RT: 15.412 min Scan# 1393  
Delta R.T. 0.000 min  
Lab File: BN014795.D  
Acq: 27 May 2021 16:52

Tgt Ion:166 Resp: 2261  
Ion Ratio Lower Upper  
166 100  
165 100.6 79.9 119.9  
167 14.9 10.5 15.7

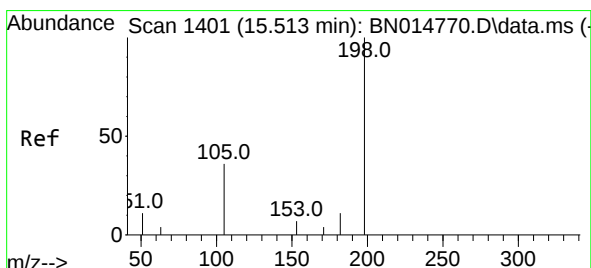
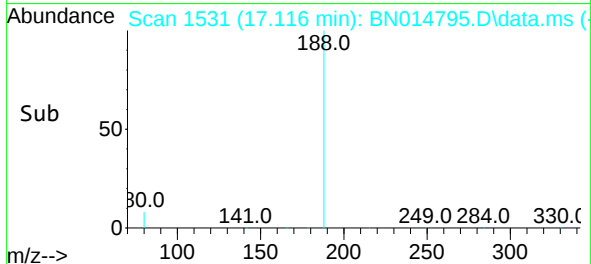
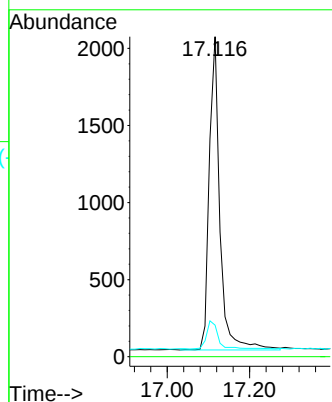
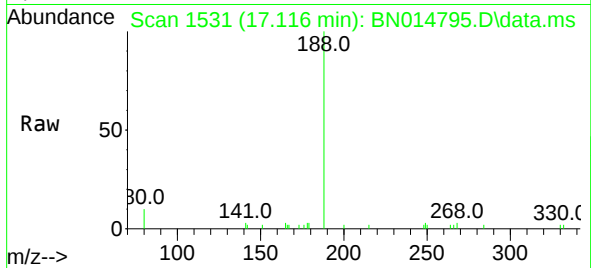




#19  
Phenanthrene-d10  
Concen: 0.40 ng  
RT: 17.116 min Scan# 1531  
Delta R.T. 0.000 min  
Lab File: BN014795.D  
Acq: 27 May 2021 16:52

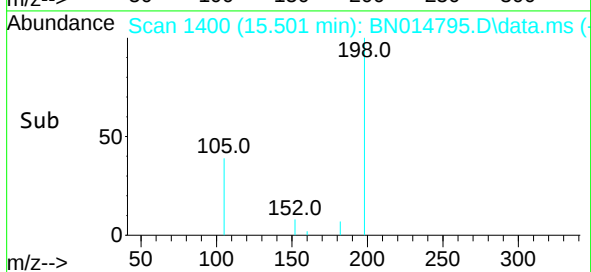
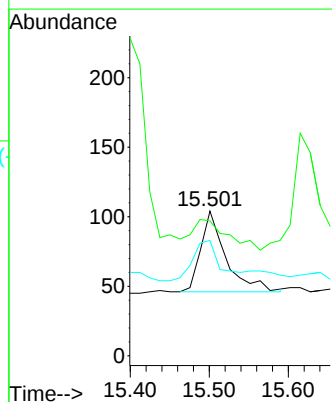
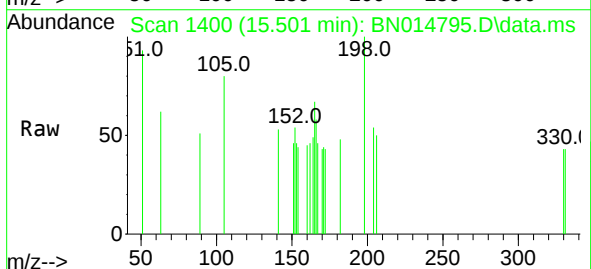
Instrument :  
BNA\_N  
ClientSampleId :  
PB136575BS

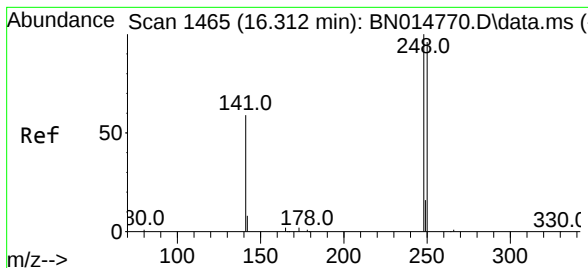
|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 188   | Resp: | 3631 |
| Ion Ratio | Lower | Upper |      |
| 188       | 100   |       |      |
| 94        | 0.0   | 0.0   | 0.0  |
| 80        | 9.9   | 8.2   | 12.4 |



#20  
4,6-Dinitro-2-methylphenol  
Concen: 0.41 ng  
RT: 15.501 min Scan# 1400  
Delta R.T. -0.012 min  
Lab File: BN014795.D  
Acq: 27 May 2021 16:52

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 198   | Resp: | 129    |
| Ion Ratio | Lower | Upper |        |
| 198       | 100   |       |        |
| 51        | 93.3  | 96.4  | 144.6# |
| 105       | 79.8  | 72.3  | 108.5  |

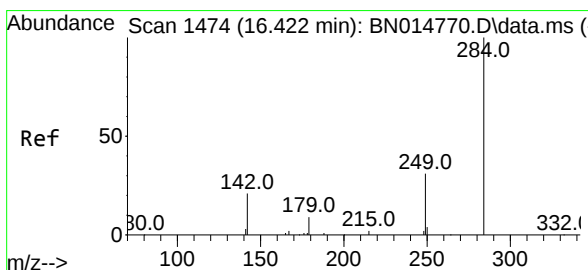
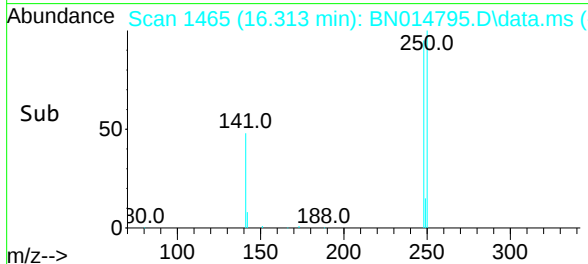
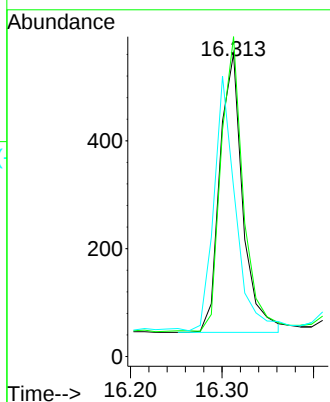
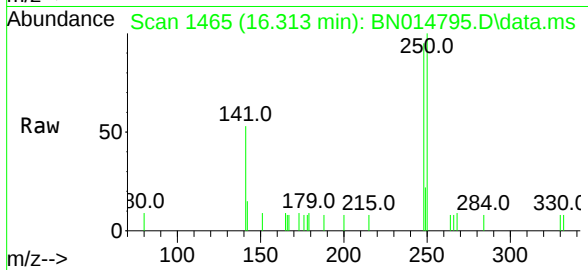




#21  
4-Bromophenyl-phenylether  
Concen: 0.36 ng  
RT: 16.313 min Scan# 1465  
Delta R.T. 0.001 min  
Lab File: BN014795.D  
Acq: 27 May 2021 16:52

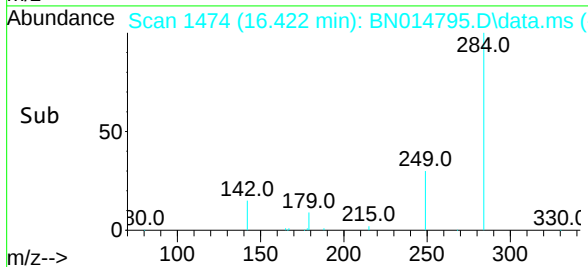
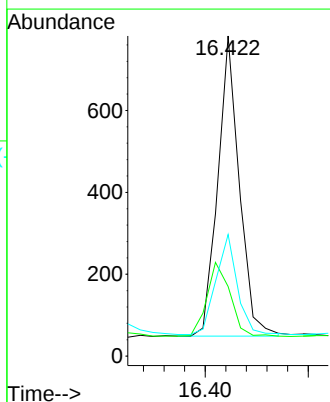
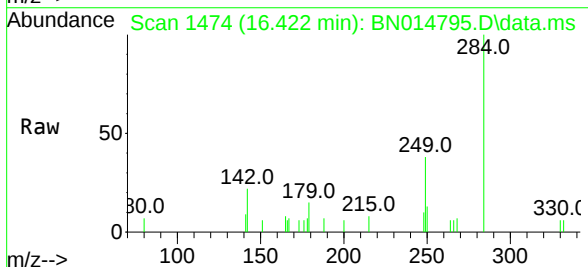
Instrument :  
BNA\_N  
ClientSampleId :  
PB136575BS

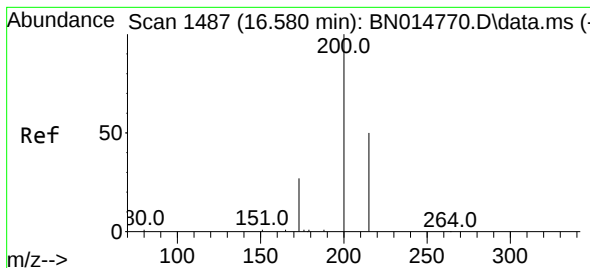
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 248   | Resp: | 900   |
| Ion      | Ratio | Lower | Upper |
| 248      | 100   |       |       |
| 250      | 105.5 | 77.5  | 116.3 |
| 141      | 55.9  | 50.2  | 75.4  |



#22  
Hexachlorobenzene  
Concen: 0.39 ng  
RT: 16.422 min Scan# 1474  
Delta R.T. 0.000 min  
Lab File: BN014795.D  
Acq: 27 May 2021 16:52

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 284   | Resp: | 1063  |
| Ion      | Ratio | Lower | Upper |
| 284      | 100   |       |       |
| 142      | 26.3  | 20.3  | 30.5  |
| 249      | 32.8  | 26.4  | 39.6  |





#23

Atrazine

Concen: 0.34 ng

RT: 16.580 min Scan# 1487

Delta R.T. 0.000 min

Lab File: BN014795.D

Acq: 27 May 2021 16:52

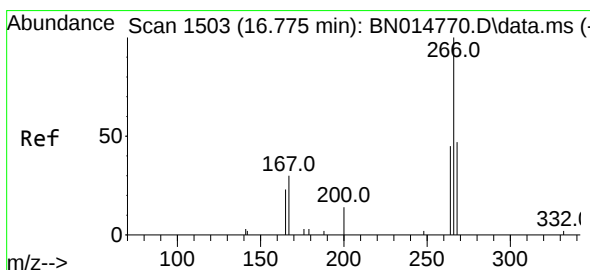
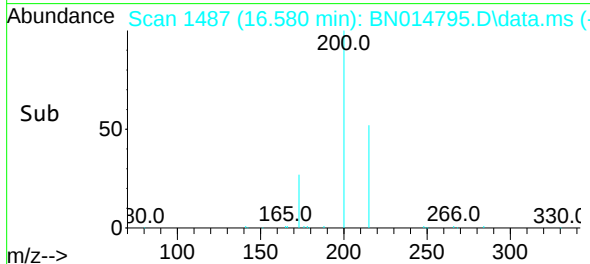
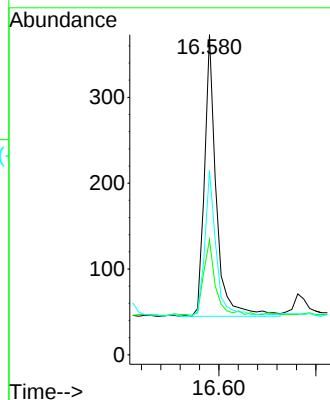
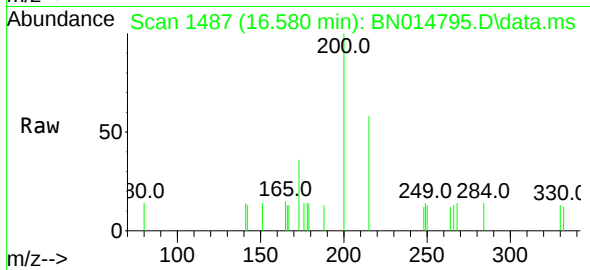
|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 200   | Resp: | 555  |
| Ion Ratio | Lower | Upper |      |
| 200       | 100   |       |      |
| 173       | 35.9  | 29.1  | 43.7 |
| 215       | 57.6  | 45.1  | 67.7 |

Instrument :

BNA\_N

ClientSampleId :

PB136575BS



#24

Pentachlorophenol

Concen: 0.43 ng

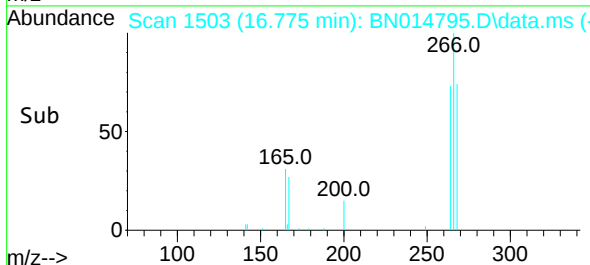
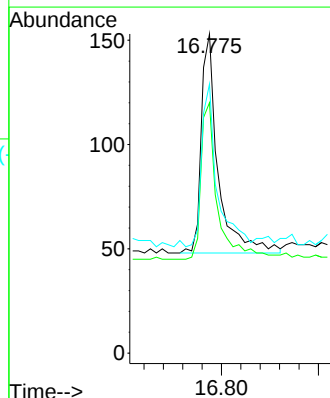
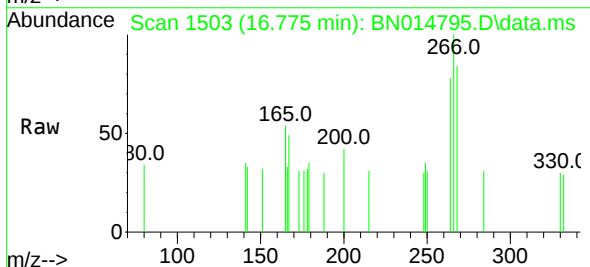
RT: 16.775 min Scan# 1503

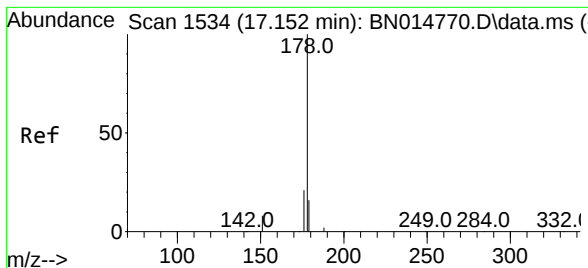
Delta R.T. 0.000 min

Lab File: BN014795.D

Acq: 27 May 2021 16:52

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 266   | Resp: | 253   |
| Ion Ratio | Lower | Upper |       |
| 266       | 100   |       |       |
| 264       | 70.0  | 44.2  | 66.2# |
| 268       | 69.2  | 44.2  | 66.2# |

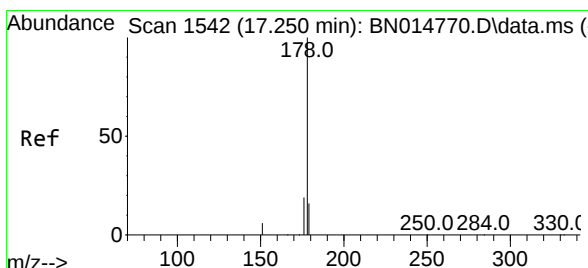
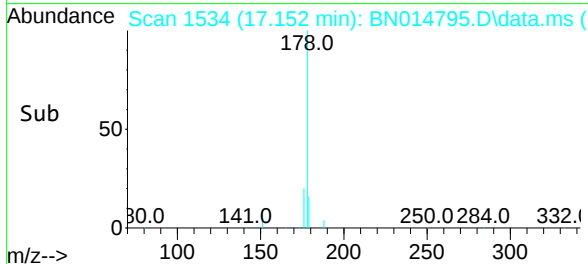
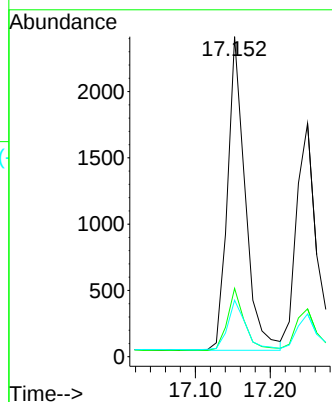
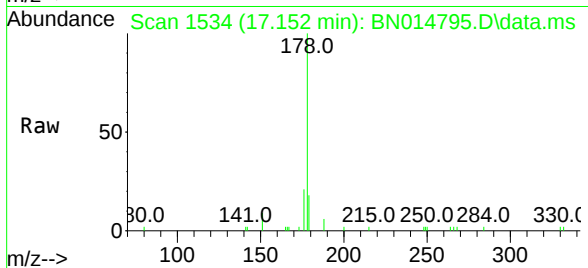




#25  
Phenanthrene  
Concen: 0.36 ng  
RT: 17.152 min Scan# 1534  
Delta R.T. 0.000 min  
Lab File: BN014795.D  
Acq: 27 May 2021 16:52

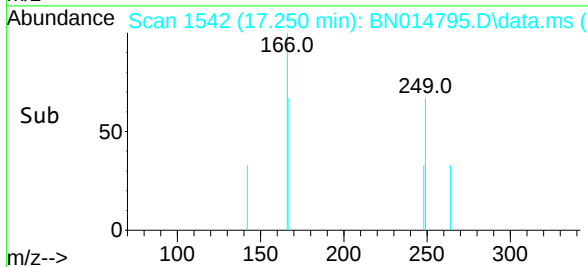
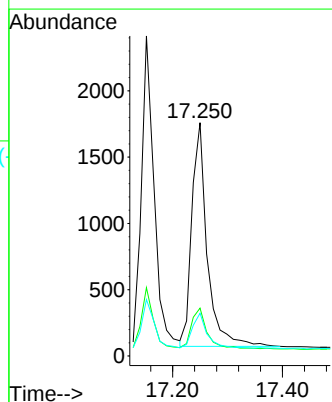
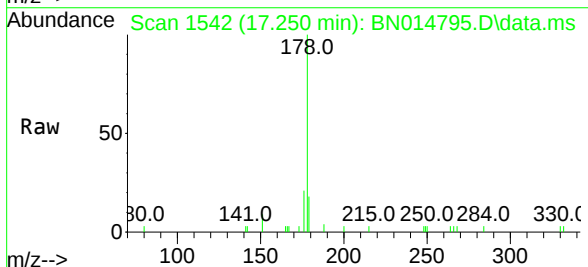
Instrument :  
BNA\_N  
ClientSampleId :  
PB136575BS

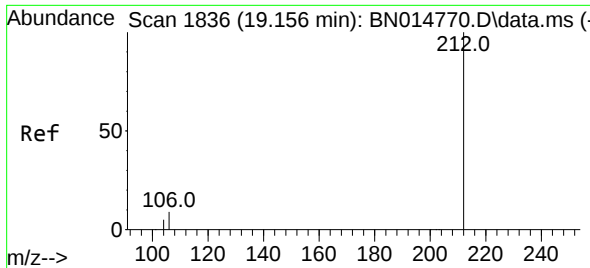
Tgt Ion:178 Resp: 3889  
Ion Ratio Lower Upper  
178 100  
176 19.2 16.0 24.0  
179 16.0 12.6 19.0



#26  
Anthracene  
Concen: 0.36 ng  
RT: 17.250 min Scan# 1542  
Delta R.T. 0.000 min  
Lab File: BN014795.D  
Acq: 27 May 2021 16:52

Tgt Ion:178 Resp: 3284  
Ion Ratio Lower Upper  
178 100  
176 18.7 14.2 21.2  
179 14.9 13.7 20.5

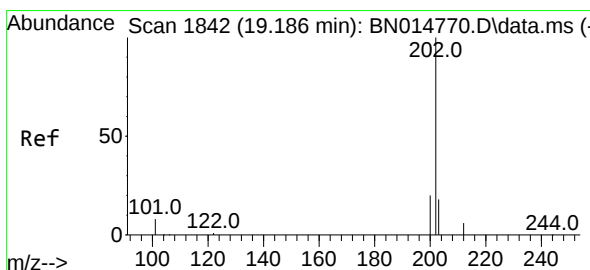
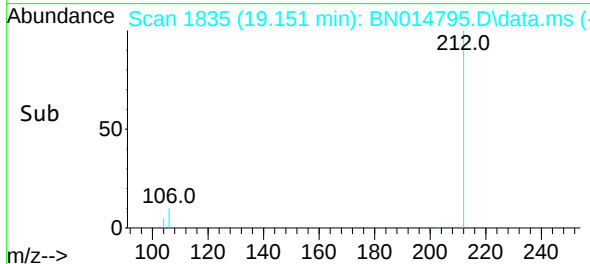
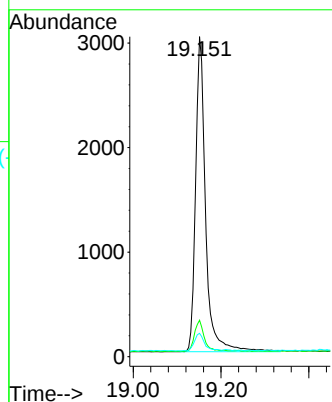
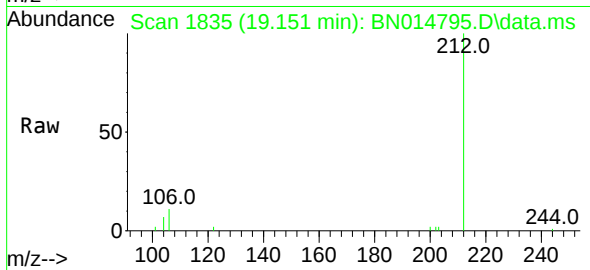




#27  
Fluoranthene-d10  
Concen: 0.33 ng  
RT: 19.151 min Scan# 1835  
Delta R.T. -0.005 min  
Lab File: BN014795.D  
Acq: 27 May 2021 16:52

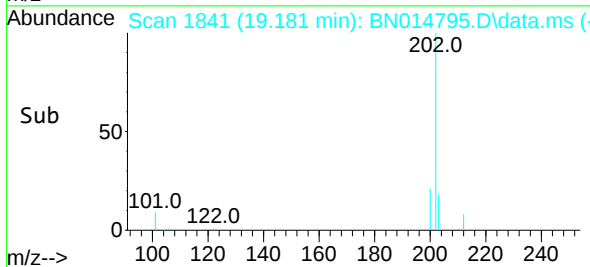
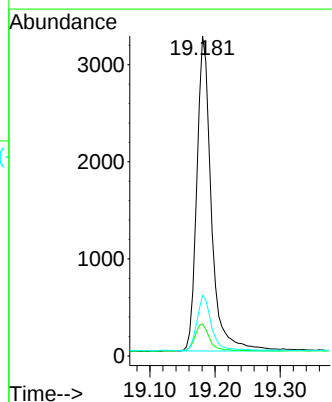
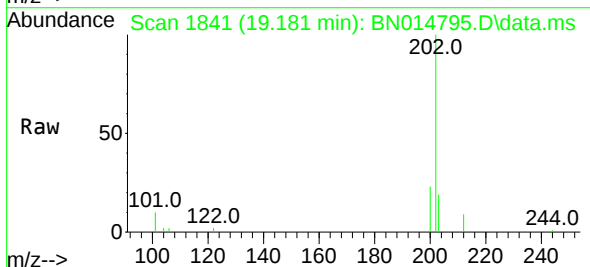
Instrument :  
BNA\_N  
ClientSampleId :  
PB136575BS

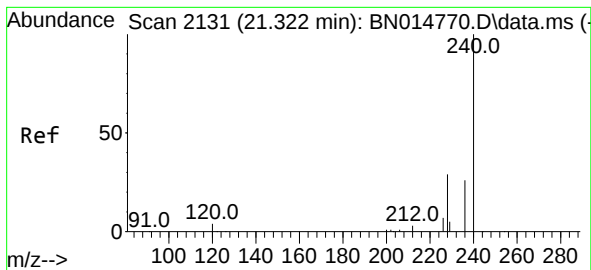
Tgt Ion:212 Resp: 4780  
Ion Ratio Lower Upper  
212 100  
106 9.4 7.4 11.2  
104 5.6 4.1 6.1



#28  
Fluoranthene  
Concen: 0.33 ng  
RT: 19.181 min Scan# 1841  
Delta R.T. -0.005 min  
Lab File: BN014795.D  
Acq: 27 May 2021 16:52

Tgt Ion:202 Resp: 5025  
Ion Ratio Lower Upper  
202 100  
101 8.9 7.0 10.6  
203 17.5 13.5 20.3





#29

Chrysene-d12

Concen: 0.40 ng

RT: 21.311 min Scan# 2130

Delta R.T. -0.010 min

Lab File: BN014795.D

Acq: 27 May 2021 16:52

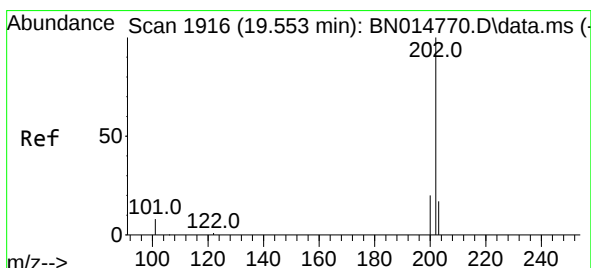
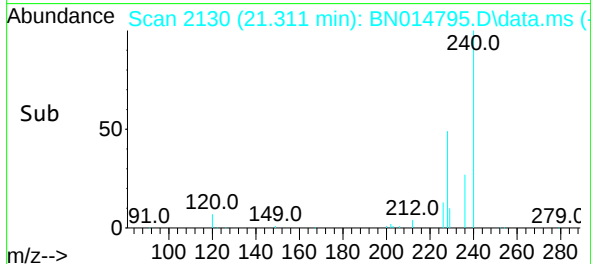
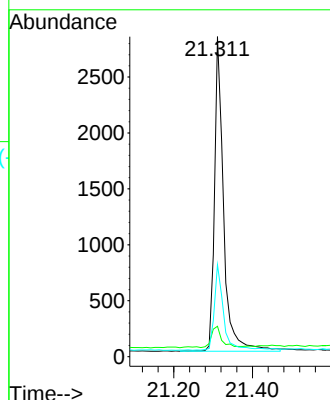
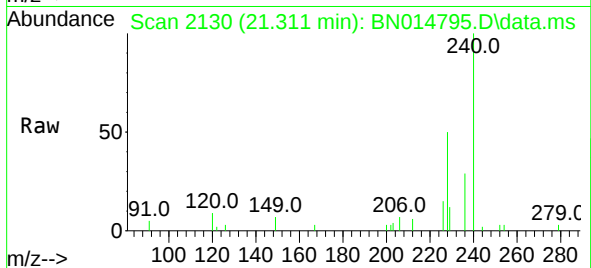
Instrument :

BNA\_N

ClientSampleId :

PB136575BS

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 240   | Resp: | 4541 |
| Ion Ratio | Lower | Upper |      |
| 240       | 100   |       |      |
| 120       | 9.5   | 5.2   | 7.8# |
| 236       | 28.7  | 21.6  | 32.4 |



#30

Pyrene

Concen: 0.40 ng

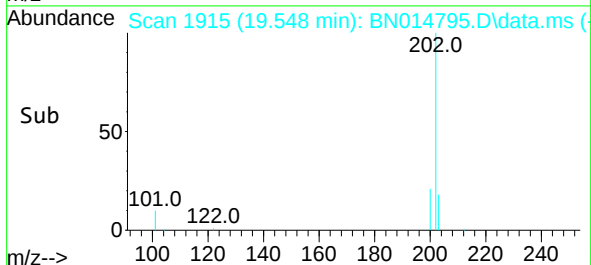
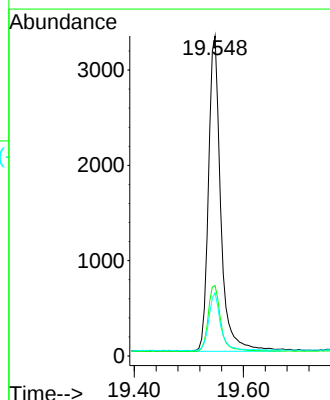
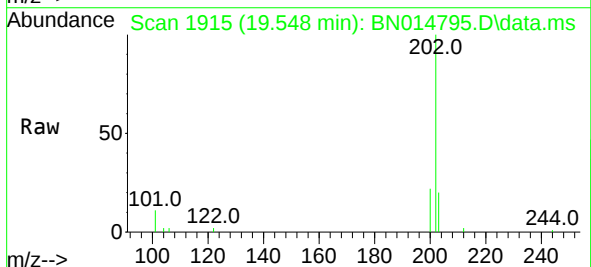
RT: 19.548 min Scan# 1915

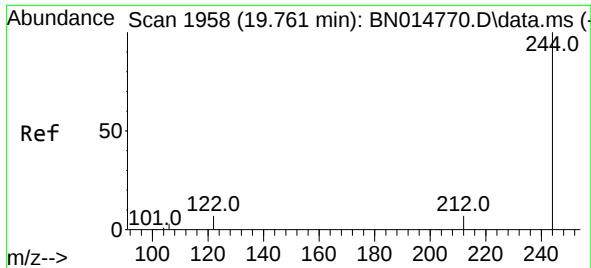
Delta R.T. -0.005 min

Lab File: BN014795.D

Acq: 27 May 2021 16:52

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 202   | Resp: | 5198 |
| Ion Ratio | Lower | Upper |      |
| 202       | 100   |       |      |
| 200       | 21.2  | 16.6  | 24.8 |
| 203       | 18.0  | 13.9  | 20.9 |

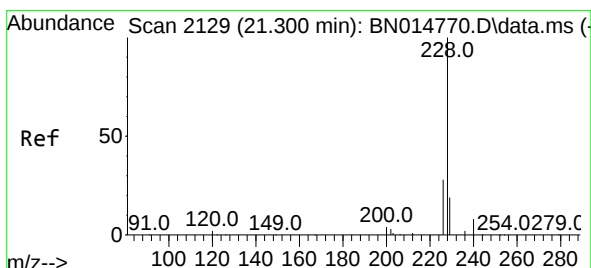
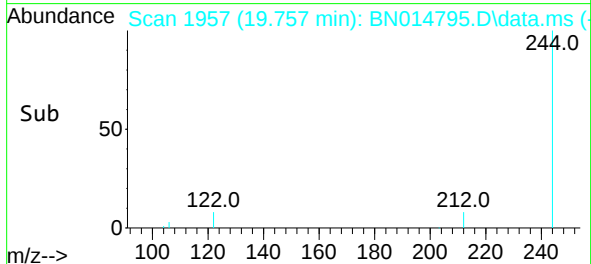
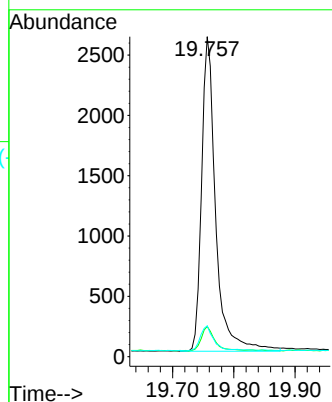
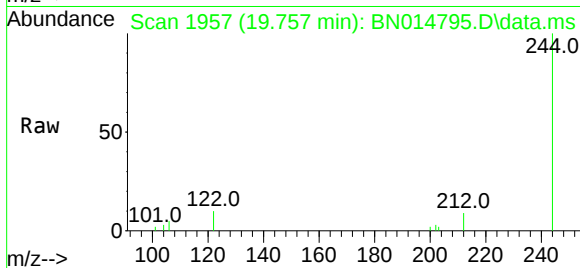




#31  
 Terphenyl-d14  
 Concen: 0.39 ng  
 RT: 19.757 min Scan# 1957  
 Delta R.T. -0.005 min  
 Lab File: BN014795.D  
 Acq: 27 May 2021 16:52

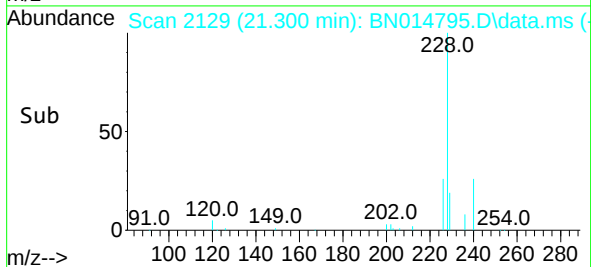
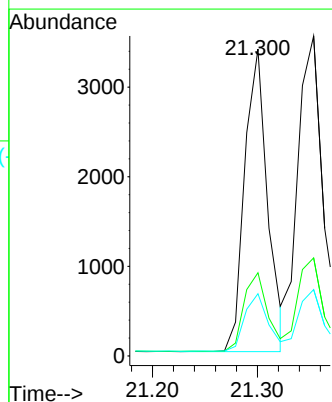
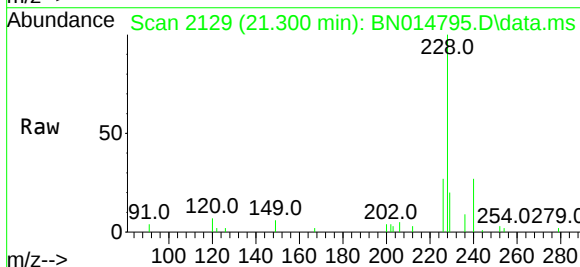
Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB136575BS

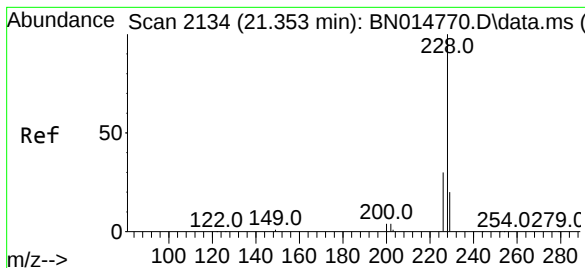
|             |       |          |
|-------------|-------|----------|
| Tgt Ion:244 | Resp: | 4162     |
| Ion Ratio   | Lower | Upper    |
| 244         | 100   |          |
| 212         | 9.5   | 6.8 10.2 |
| 122         | 9.6   | 6.6 9.8  |



#32  
 Benzo(a)anthracene  
 Concen: 0.37 ng  
 RT: 21.300 min Scan# 2129  
 Delta R.T. 0.000 min  
 Lab File: BN014795.D  
 Acq: 27 May 2021 16:52

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:228 | Resp: | 5130      |
| Ion Ratio   | Lower | Upper     |
| 228         | 100   |           |
| 226         | 27.1  | 22.9 34.3 |
| 229         | 20.3  | 16.2 24.2 |





#33

Chrysene

Concen: 0.40 ng

RT: 21.354 min Scan# 2134

Delta R.T. 0.000 min

Lab File: BN014795.D

Acq: 27 May 2021 16:52

Tgt Ion:228 Resp: 6092

Ion Ratio Lower Upper

228 100

226 30.7 24.3 36.5

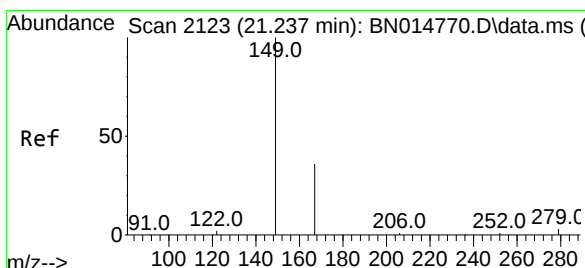
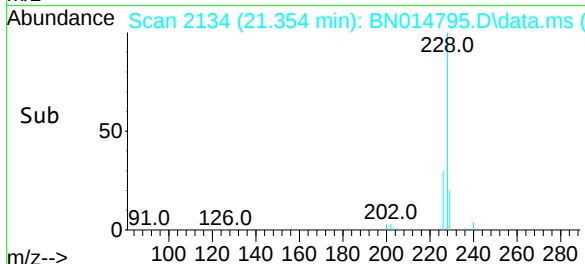
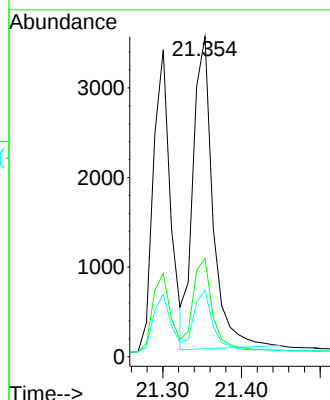
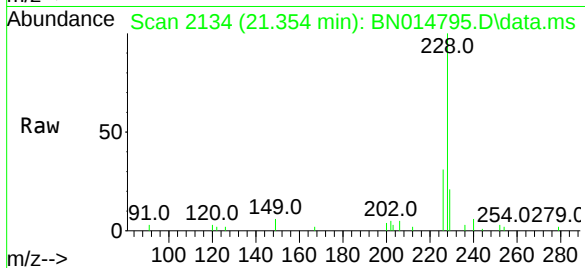
229 20.7 16.4 24.6

Instrument :

BNA\_N

ClientSampleId :

PB136575BS



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.41 ng

RT: 21.237 min Scan# 2123

Delta R.T. -0.000 min

Lab File: BN014795.D

Acq: 27 May 2021 16:52

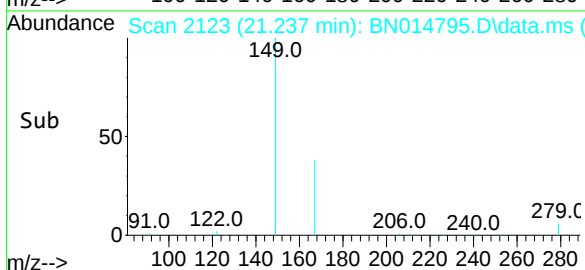
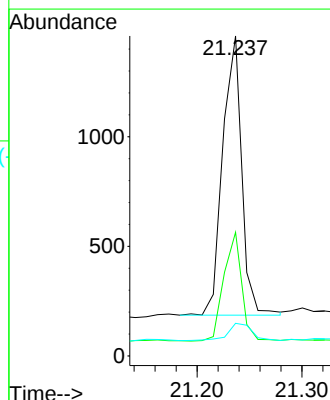
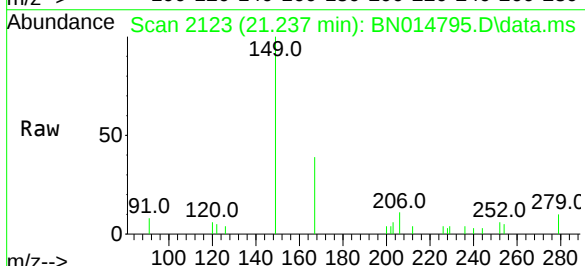
Tgt Ion:149 Resp: 1607

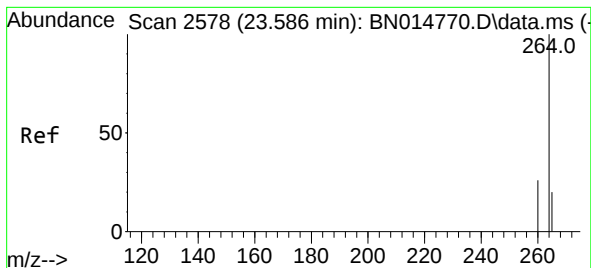
Ion Ratio Lower Upper

149 100

167 36.7 28.3 42.5

279 7.7 5.5 8.3

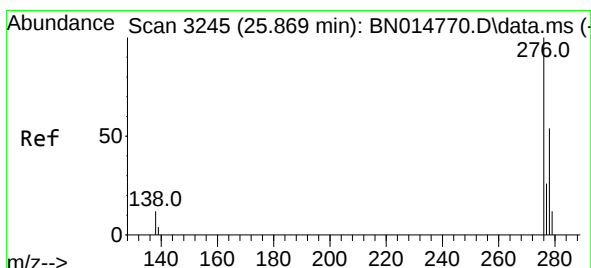
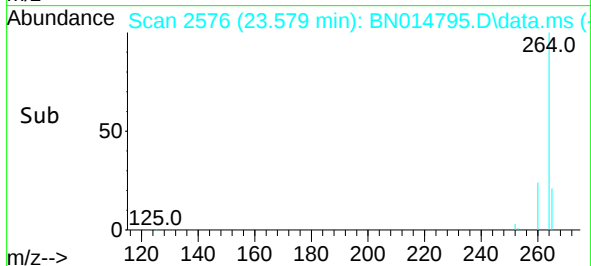
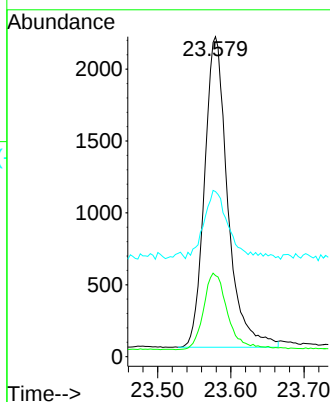
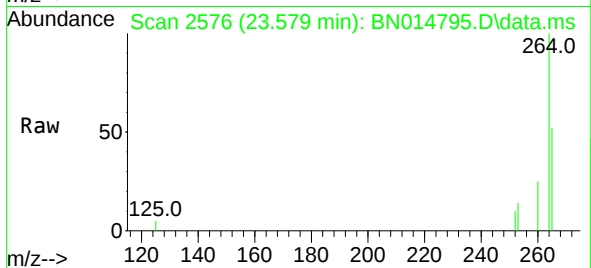




#35  
 Perylene-d12  
 Concen: 0.40 ng  
 RT: 23.579 min Scan# 2576  
 Delta R.T. -0.007 min  
 Lab File: BN014795.D  
 Acq: 27 May 2021 16:52

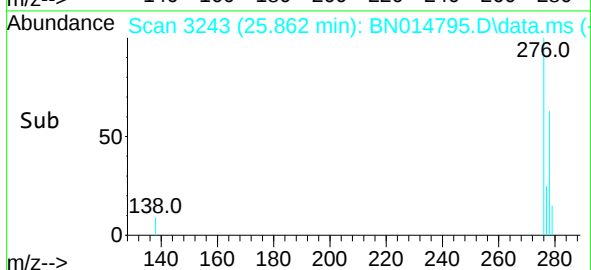
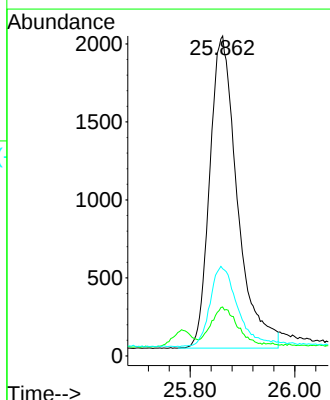
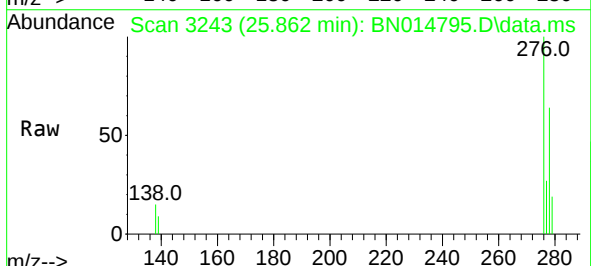
Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB136575BS

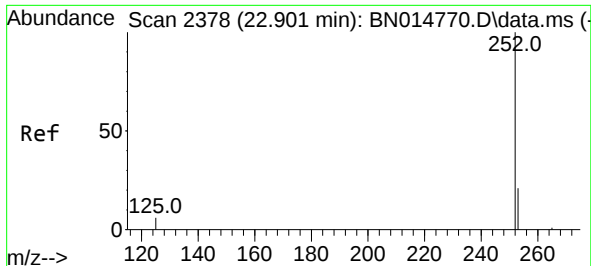
|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:264 | Resp: | 4760      |
| Ion Ratio   | Lower | Upper     |
| 264         | 100   |           |
| 260         | 25.3  | 21.4 32.2 |
| 265         | 51.6  | 40.9 61.3 |



#36  
 Indeno(1,2,3-cd)pyrene  
 Concen: 0.37 ng  
 RT: 25.862 min Scan# 3243  
 Delta R.T. -0.007 min  
 Lab File: BN014795.D  
 Acq: 27 May 2021 16:52

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:276 | Resp: | 7312      |
| Ion Ratio   | Lower | Upper     |
| 276         | 100   |           |
| 138         | 10.9  | 10.2 15.4 |
| 277         | 25.6  | 20.4 30.6 |

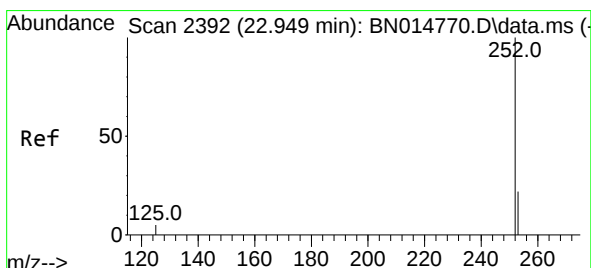
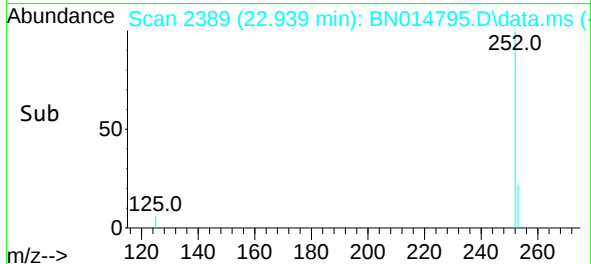
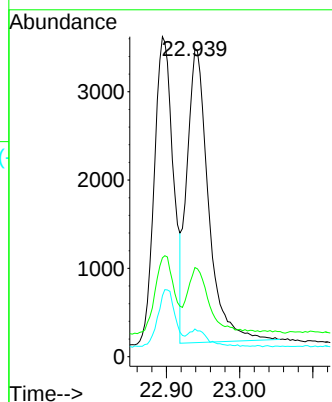
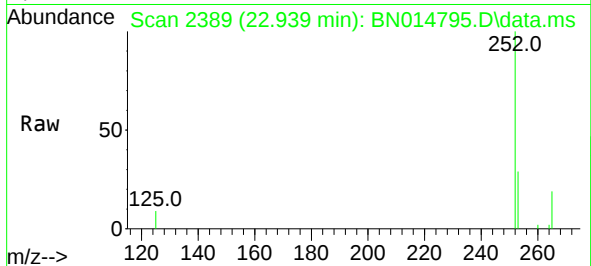




#37  
Benzo(b)fluoranthene  
Concen: 0.39 ng  
RT: 22.939 min Scan# 2389  
Delta R.T. 0.038 min  
Lab File: BN014795.D  
Acq: 27 May 2021 16:52

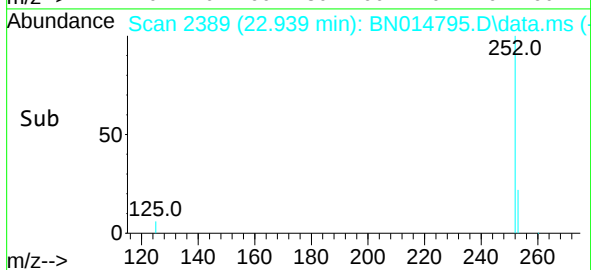
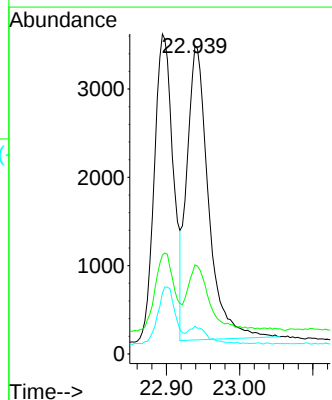
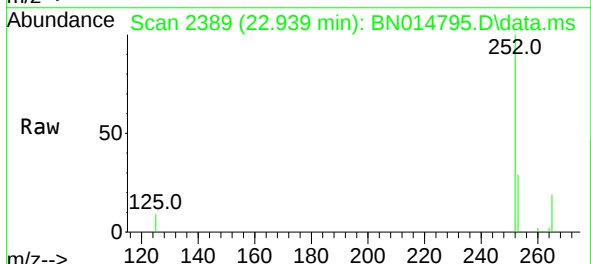
Instrument :  
BNA\_N  
ClientSampleId :  
PB136575BS

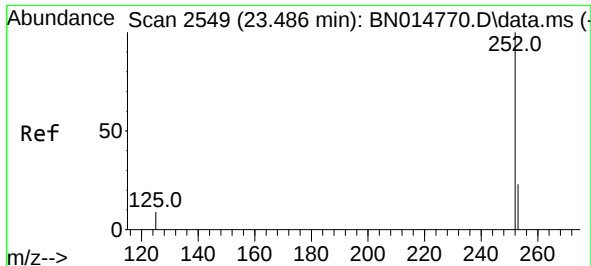
Tgt Ion:252 Resp: 6797  
Ion Ratio Lower Upper  
252 100  
253 29.0 21.5 32.3  
125 9.0 6.6 10.0



#38  
Benzo(k)fluoranthene  
Concen: 0.37 ng  
RT: 22.939 min Scan# 2389  
Delta R.T. -0.010 min  
Lab File: BN014795.D  
Acq: 27 May 2021 16:52

Tgt Ion:252 Resp: 6797  
Ion Ratio Lower Upper  
252 100  
253 29.0 22.7 34.1  
125 9.0 6.4 9.6





#39

Benzo(a)pyrene

Concen: 0.39 ng

RT: 23.476 min Scan# 2546

Delta R.T. -0.010 min

Lab File: BN014795.D

Acq: 27 May 2021 16:52

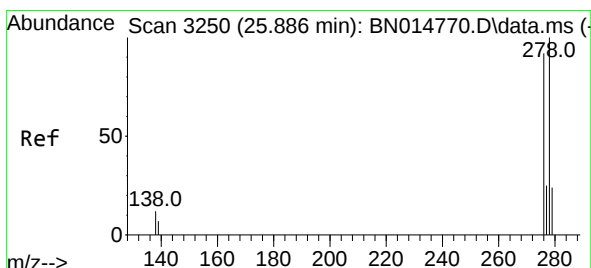
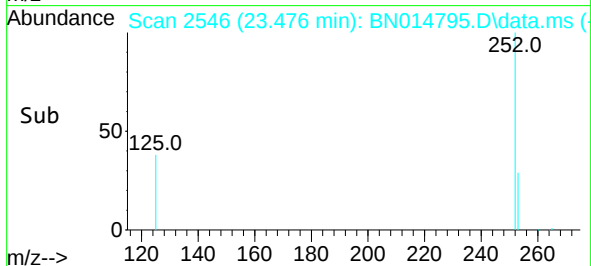
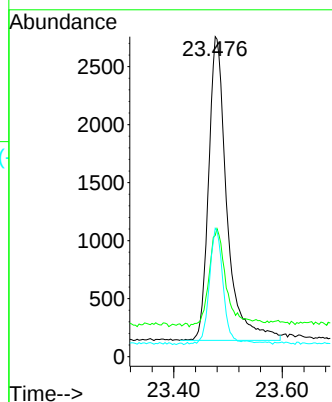
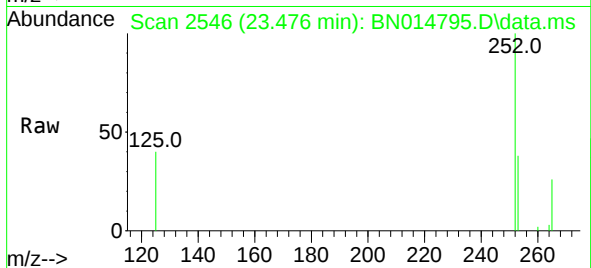
Tgt Ion:252 Resp: 6119

Ion Ratio Lower Upper

252 100

253 37.9 25.1 37.7#

125 40.1 9.4 14.0#



#40

Dibenzo(a,h)anthracene

Concen: 0.36 ng

RT: 25.879 min Scan# 3248

Delta R.T. -0.007 min

Lab File: BN014795.D

Acq: 27 May 2021 16:52

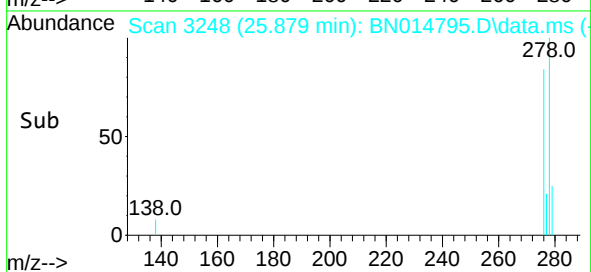
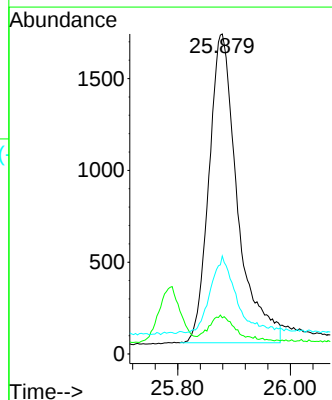
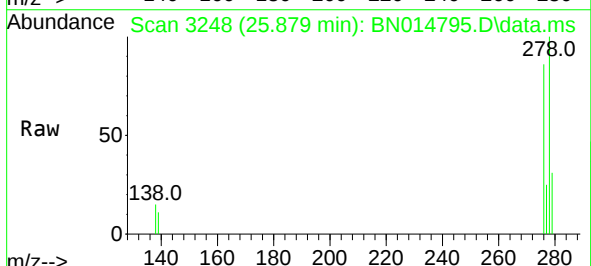
Tgt Ion:278 Resp: 5904

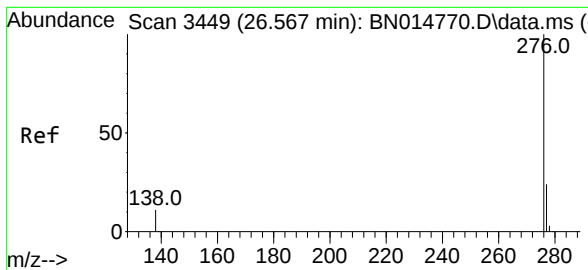
Ion Ratio Lower Upper

278 100

139 11.3 8.6 13.0

279 30.6 22.8 34.2





#41  
 Benzo(g,h,i)perylene  
 Concen: 0.38 ng  
 RT: 26.553 min Scan# 3445  
 Delta R.T. -0.014 min  
 Lab File: BN014795.D  
 Acq: 27 May 2021 16:52

Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB136575BS

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 276   | Resp: | 6606 |
| Ion Ratio | Lower | Upper |      |
| 276       | 100   |       |      |
| 277       | 27.0  | 20.9  | 31.3 |
| 138       | 14.0  | 10.3  | 15.5 |

