

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN092521\  
 Data File : BN016486.D  
 Acq On : 25 Sep 2021 22:59  
 Operator : CG/JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :

Quant Time: Sep 26 04:16:20 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN092421.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Sep 24 03:35:41 2021  
 Response via : Initial Calibration

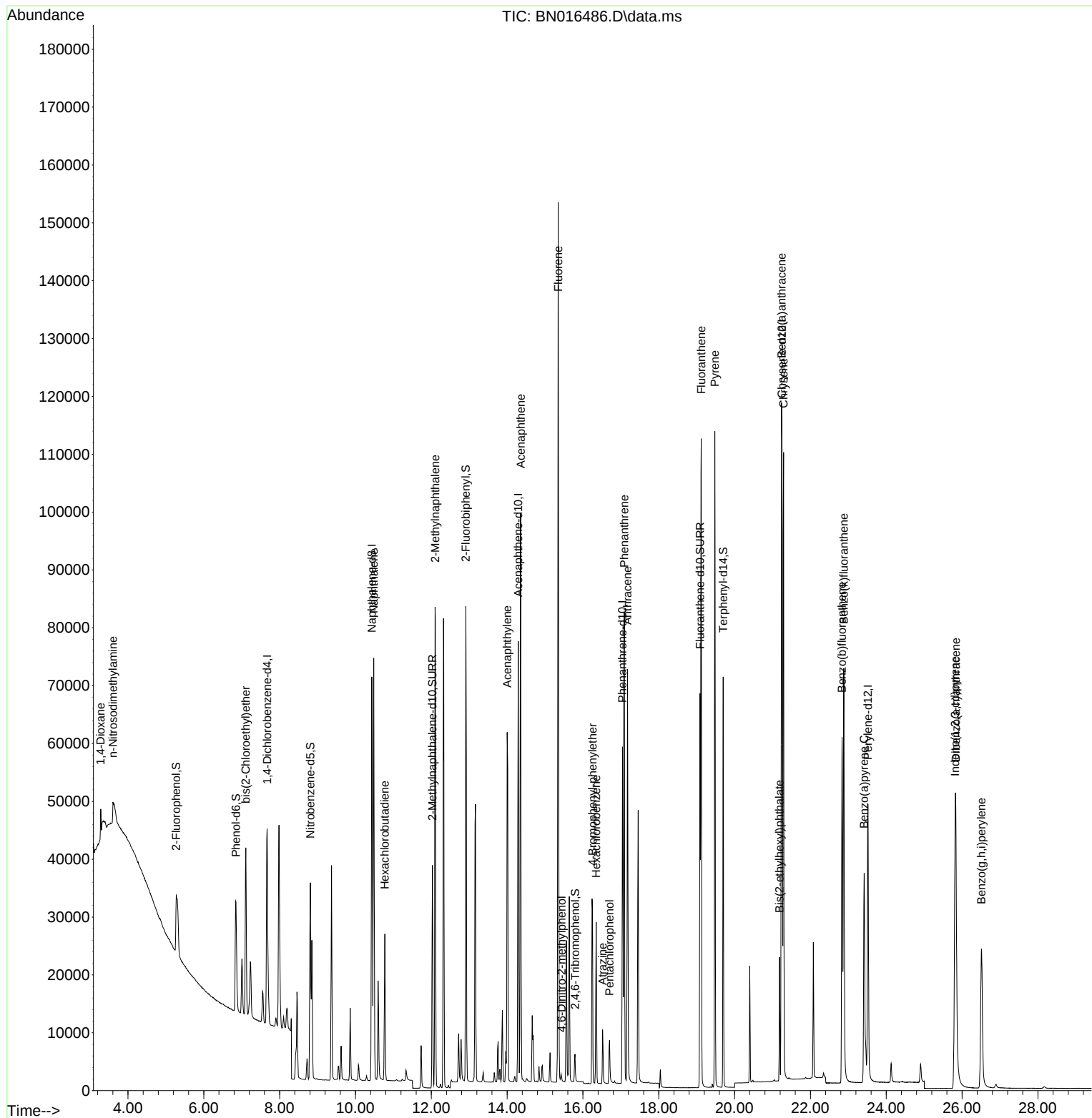
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.670  | 152  | 21819    | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.432 | 136  | 87806    | 0.400 | ng    | #-0.01   |
| 13) Acenaphthene-d10          | 14.294 | 164  | 42159    | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.042 | 188  | 76951    | 0.400 | ng    | 0.00     |
| 29) Chrysene-d12              | 21.249 | 240  | 74013    | 0.400 | ng    | # 0.00   |
| 35) Perylene-d12              | 23.515 | 264  | 64288    | 0.400 | ng    | # 0.00   |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.273  | 112  | 19697    | 0.402 | ng    | 0.00     |
| 5) Phenol-d6                  | 6.849  | 99   | 22614    | 0.391 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 8.810  | 82   | 26531    | 0.427 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 12.030 | 152  | 51050    | 0.392 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.791 | 330  | 3794     | 0.366 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 12.911 | 172  | 71974    | 0.407 | ng    | -0.01    |
| 27) Fluoranthene-d10          | 19.088 | 212  | 77328    | 0.366 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.698 | 244  | 68036    | 0.395 | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       |          |
|                               |        |      |          |       |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.281  | 88   | 2885     | 0.309 | ng    | # 89     |
| 3) n-Nitrosodimethylamine     | 3.604  | 42   | 7001     | 0.312 | ng    | # 13     |
| 6) bis(2-Chloroethyl)ether    | 7.108  | 93   | 24611    | 0.421 | ng    | 90       |
| 9) Naphthalene                | 10.483 | 128  | 92888    | 0.397 | ng    | 99       |
| 10) Hexachlorobutadiene       | 10.774 | 225  | 20041    | 0.430 | ng    | # 99     |
| 12) 2-Methylnaphthalene       | 12.101 | 142  | 58819    | 0.396 | ng    | 97       |
| 16) Acenaphthylene            | 14.002 | 152  | 73996    | 0.432 | ng    | 100      |
| 17) Acenaphthene              | 14.358 | 154  | 47965    | 0.394 | ng    | 94       |
| 18) Fluorene                  | 15.347 | 166  | 57860    | 0.396 | ng    | 98       |
| 20) 4,6-Dinitro-2-methylph... | 15.436 | 198  | 875      | 0.245 | ng    | # 87     |
| 21) 4-Bromophenyl-phenylether | 16.251 | 248  | 18553    | 0.413 | ng    | # 90     |
| 22) Hexachlorobenzene         | 16.348 | 284  | 20574    | 0.462 | ng    | # 89     |
| 23) Atrazine                  | 16.519 | 200  | 7936     | 0.321 | ng    | 93       |
| 24) Pentachlorophenol         | 16.701 | 266  | 4463     | 0.439 | ng    | 98       |
| 25) Phenanthrene              | 17.091 | 178  | 93454    | 0.408 | ng    | 99       |
| 26) Anthracene                | 17.176 | 178  | 73757    | 0.387 | ng    | 99       |
| 28) Fluoranthene              | 19.118 | 202  | 102387   | 0.408 | ng    | 98       |
| 30) Pyrene                    | 19.480 | 202  | 98978    | 0.427 | ng    | 99       |
| 32) Benzo(a)anthracene        | 21.238 | 228  | 80688    | 0.376 | ng    | 100      |
| 33) Chrysene                  | 21.291 | 228  | 100041   | 0.434 | ng    | 99       |
| 34) Bis(2-ethylhexyl)phtha... | 21.185 | 149  | 18334    | 0.313 | ng    | 95       |
| 36) Indeno(1,2,3-cd)pyrene    | 25.816 | 276  | 72816    | 0.350 | ng    | 98       |
| 37) Benzo(b)fluoranthene      | 22.834 | 252  | 75598    | 0.352 | ng    | 97       |
| 38) Benzo(k)fluoranthene      | 22.879 | 252  | 91711    | 0.442 | ng    | 99       |
| 39) Benzo(a)pyrene            | 23.416 | 252  | 63504    | 0.363 | ng    | # 96     |
| 40) Dibenzo(a,h)anthracene    | 25.833 | 278  | 59190    | 0.334 | ng    | 96       |
| 41) Benzo(g,h,i)perylene      | 26.510 | 276  | 57868    | 0.318 | ng    | 94       |
| -----                         |        |      |          |       |       |          |

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

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Sample : SSTDCCC0.4  
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ALS Vial : 2 Sample Multiplier: 1

Instrument :  
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Quant Time: Sep 26 04:16:20 2021  
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Sep 24 03:35:41 2021  
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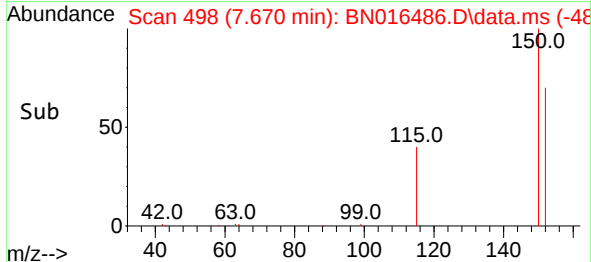
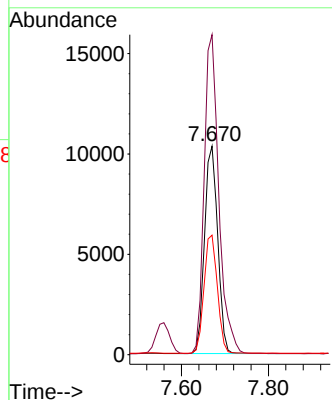
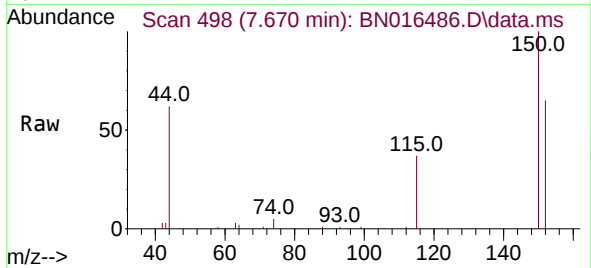




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 7.670 min Scan# 498  
 Delta R.T. 0.000 min  
 Lab File: BN016486.D  
 Acq: 25 Sep 2021 22:59

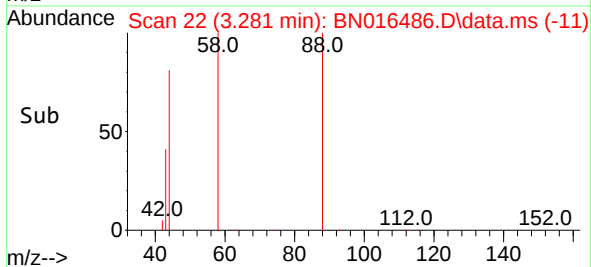
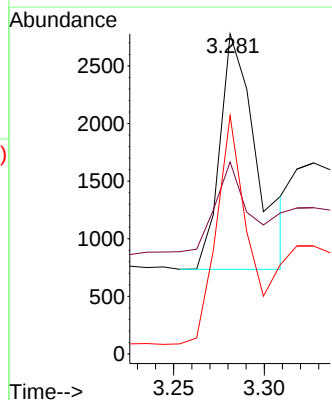
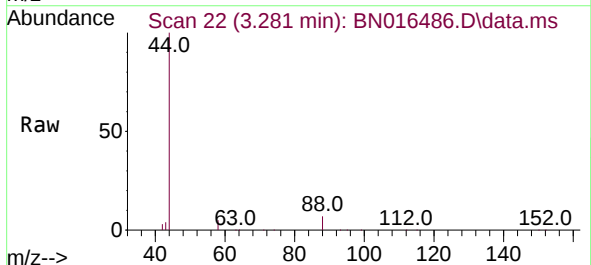
Instrument :  
 BNA\_N  
 ClientSampled :

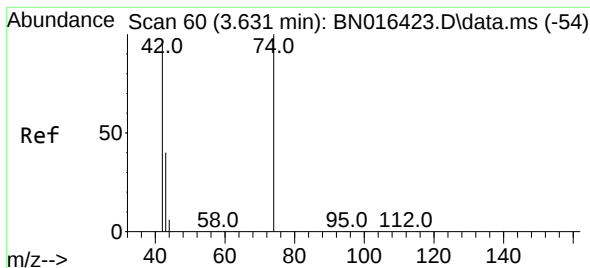
Tgt Ion:152 Resp: 21819  
 Ion Ratio Lower Upper  
 152 100  
 150 153.5 125.6 188.4  
 115 57.4 50.2 75.2



#2  
 1,4-Dioxane  
 Concen: 0.309 ng  
 RT: 3.281 min Scan# 22  
 Delta R.T. 0.000 min  
 Lab File: BN016486.D  
 Acq: 25 Sep 2021 22:59

Tgt Ion: 88 Resp: 2885  
 Ion Ratio Lower Upper  
 88 100  
 43 39.7 20.3 30.5#  
 58 81.6 69.9 104.9

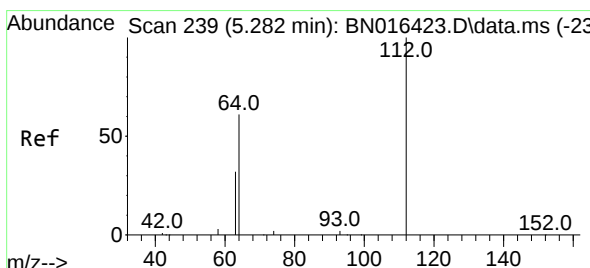
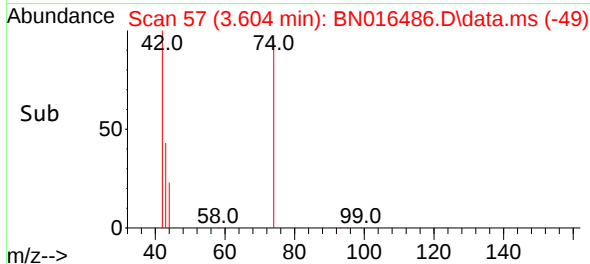
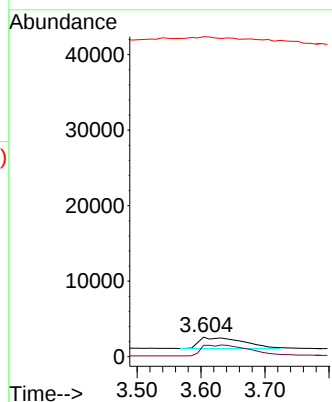
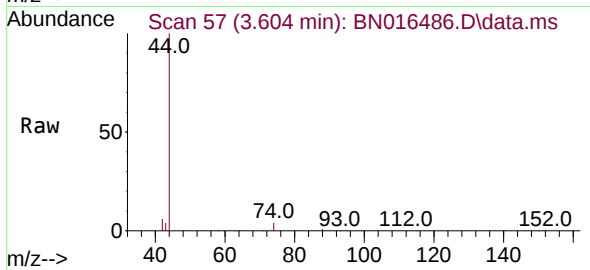




#3  
n-Nitrosodimethylamine  
Concen: 0.312 ng  
RT: 3.604 min Scan# 57  
Delta R.T. -0.027 min  
Lab File: BN016486.D  
Acq: 25 Sep 2021 22:59

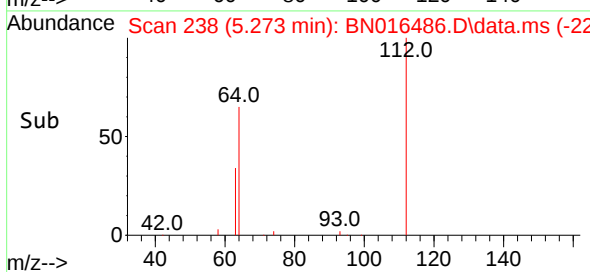
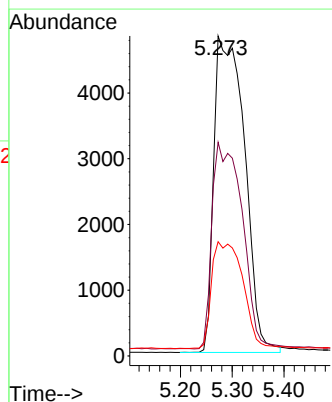
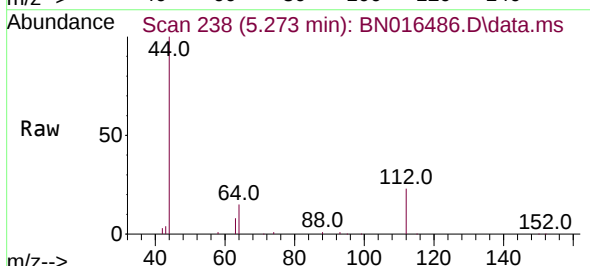
Instrument :  
BNA\_N  
ClientSampleId :

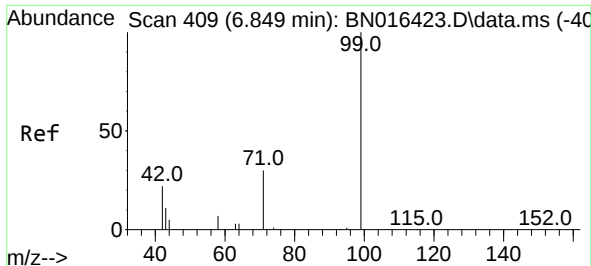
Tgt Ion: 42 Resp: 7001  
Ion Ratio Lower Upper  
42 100  
74 35.5 113.6 170.4#  
44 0.0 0.0 0.0



#4  
2-Fluorophenol  
Concen: 0.402 ng  
RT: 5.273 min Scan# 238  
Delta R.T. -0.009 min  
Lab File: BN016486.D  
Acq: 25 Sep 2021 22:59

Tgt Ion: 112 Resp: 19697  
Ion Ratio Lower Upper  
112 100  
64 64.4 47.3 70.9  
63 34.2 23.4 35.0

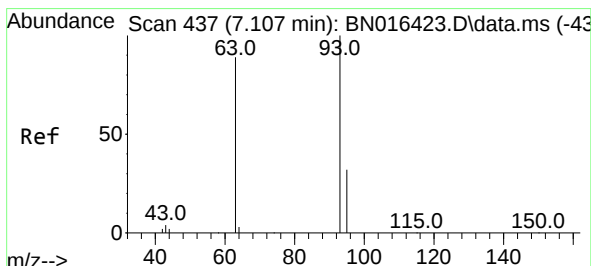
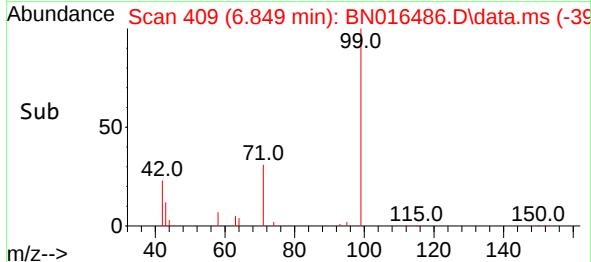
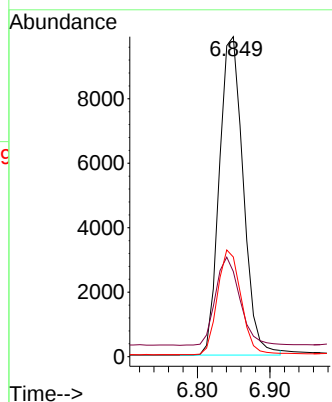
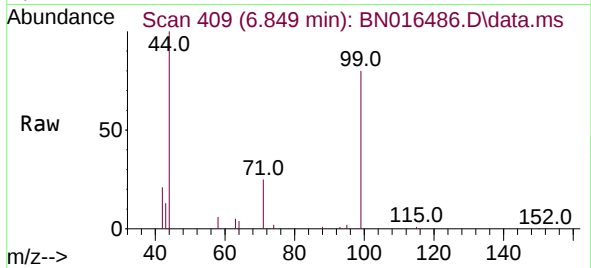




#5  
Phenol-d6  
Concen: 0.391 ng  
RT: 6.849 min Scan# 409  
Delta R.T. 0.000 min  
Lab File: BN016486.D  
Acq: 25 Sep 2021 22:59

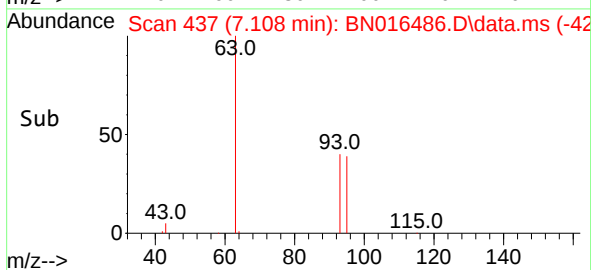
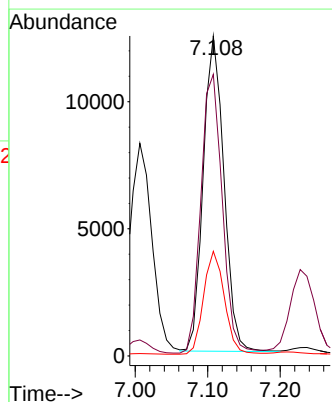
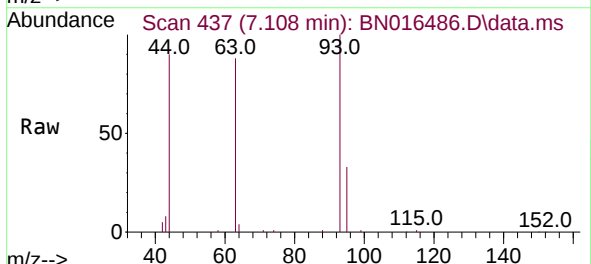
Instrument :  
BNA\_N  
ClientSampled :

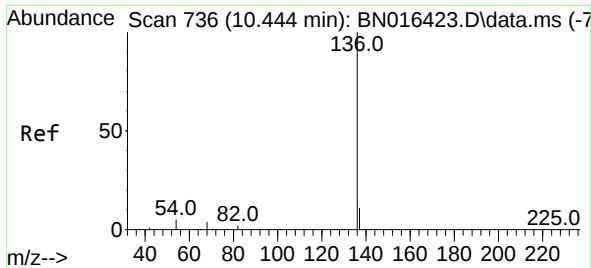
Tgt Ion: 99 Resp: 22614  
Ion Ratio Lower Upper  
99 100  
42 28.3 14.0 21.0#  
71 32.5 23.8 35.6



#6  
bis(2-Chloroethyl)ether  
Concen: 0.421 ng  
RT: 7.108 min Scan# 437  
Delta R.T. 0.000 min  
Lab File: BN016486.D  
Acq: 25 Sep 2021 22:59

Tgt Ion: 93 Resp: 24611  
Ion Ratio Lower Upper  
93 100  
63 91.4 63.4 95.0  
95 32.8 26.8 40.2

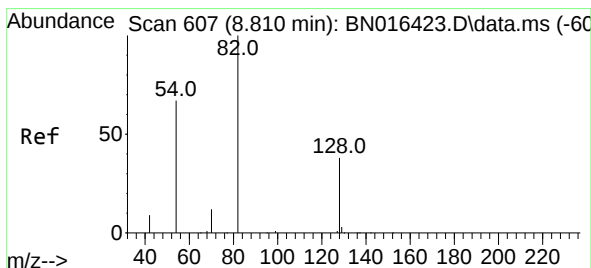
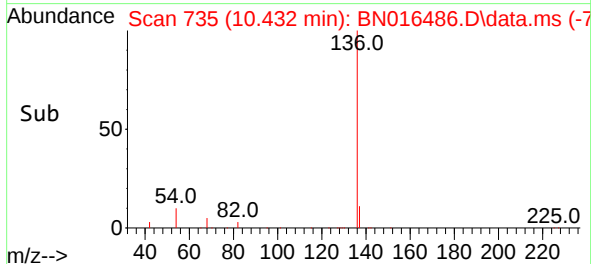
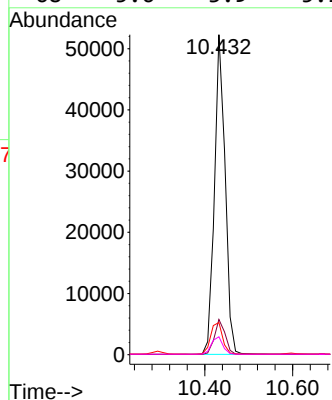
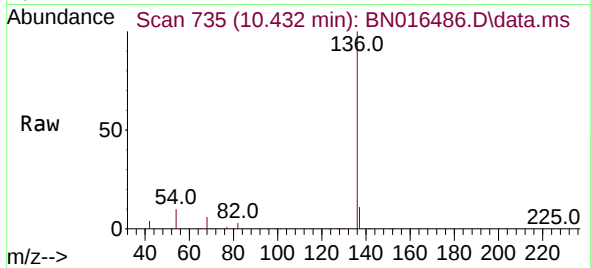




#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.432 min Scan# 735  
Delta R.T. -0.012 min  
Lab File: BN016486.D  
Acq: 25 Sep 2021 22:59

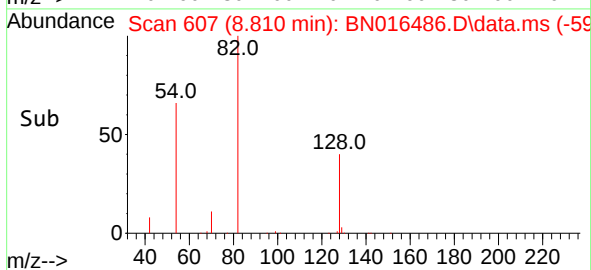
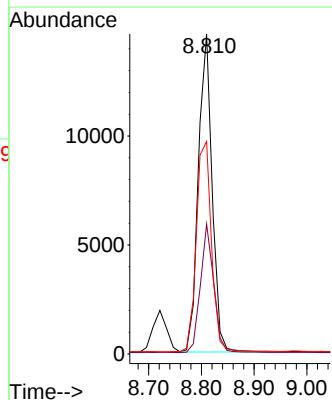
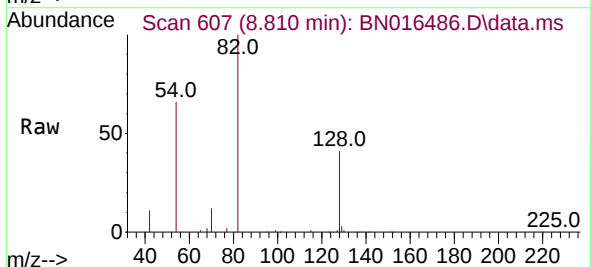
Instrument :  
BNA\_N  
ClientSampleId :

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 136   | Resp: | 87806 |
| Ion      | Ratio | Lower | Upper |
| 136      | 100   |       |       |
| 137      | 11.0  | 8.8   | 13.2  |
| 54       | 10.0  | 5.3   | 7.9#  |
| 68       | 5.6   | 3.9   | 5.9   |



#8  
Nitrobenzene-d5  
Concen: 0.427 ng  
RT: 8.810 min Scan# 607  
Delta R.T. 0.000 min  
Lab File: BN016486.D  
Acq: 25 Sep 2021 22:59

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 82    | Resp: | 26531 |
| Ion      | Ratio | Lower | Upper |
| 82       | 100   |       |       |
| 128      | 40.6  | 31.7  | 47.5  |
| 54       | 66.4  | 46.4  | 69.6  |

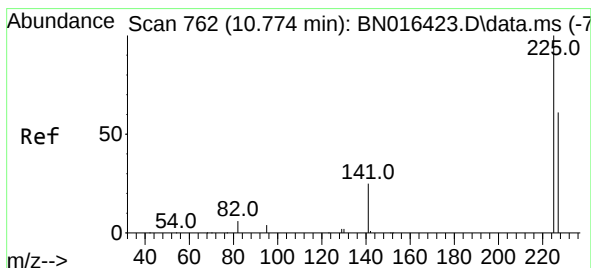
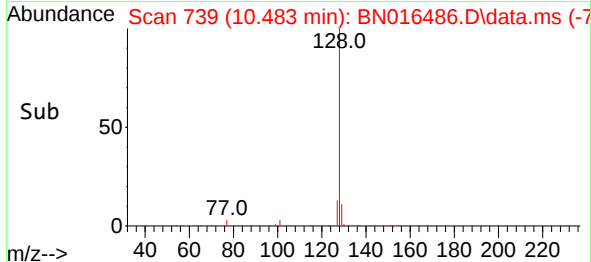
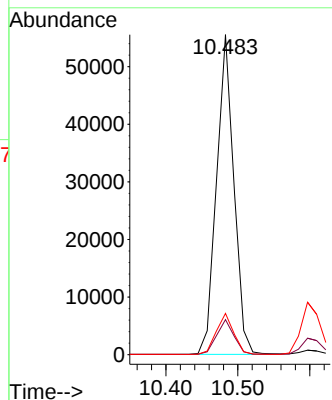
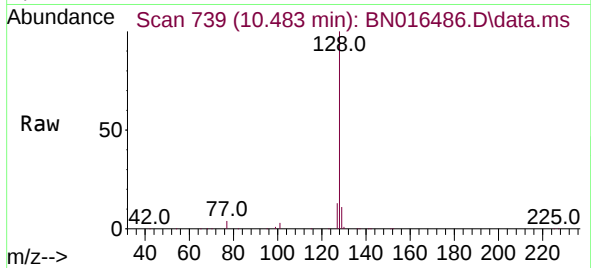




#9  
Naphthalene  
Concen: 0.397 ng  
RT: 10.483 min Scan# 739  
Delta R.T. 0.000 min  
Lab File: BN016486.D  
Acq: 25 Sep 2021 22:59

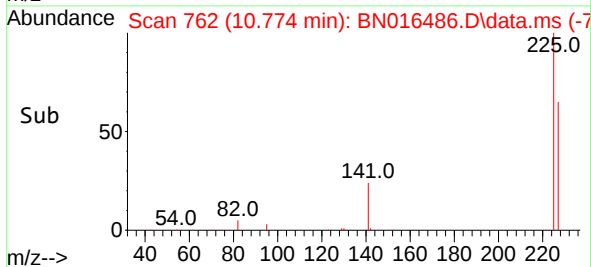
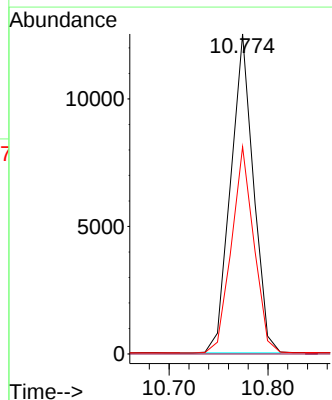
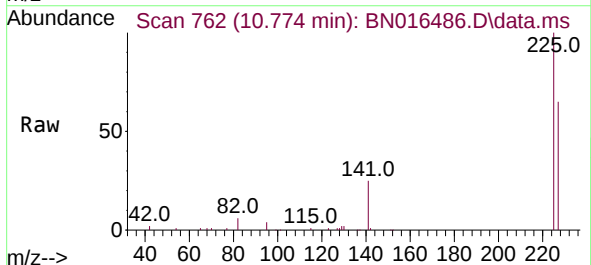
Instrument :  
BNA\_N  
ClientSampled :

Tgt Ion:128 Resp: 92888  
Ion Ratio Lower Upper  
128 100  
129 11.0 8.9 13.3  
127 12.9 10.1 15.1



#10  
Hexachlorobutadiene  
Concen: 0.430 ng  
RT: 10.774 min Scan# 762  
Delta R.T. 0.000 min  
Lab File: BN016486.D  
Acq: 25 Sep 2021 22:59

Tgt Ion:225 Resp: 20041  
Ion Ratio Lower Upper  
225 100  
223 0.0 0.0 0.0  
227 63.8 51.5 77.3

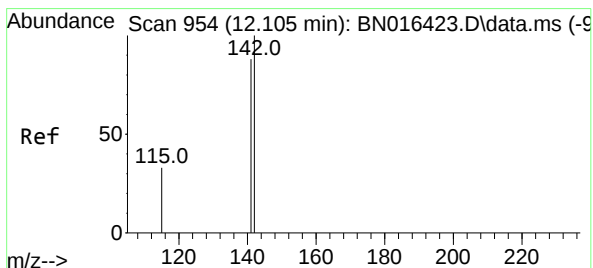
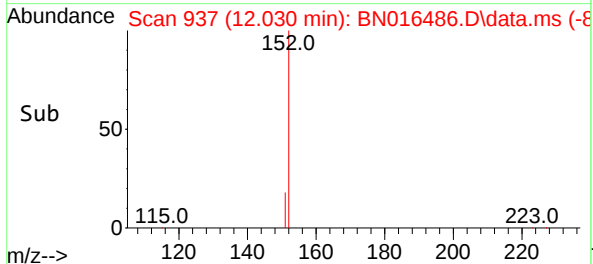
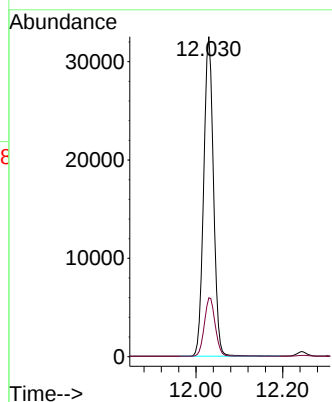
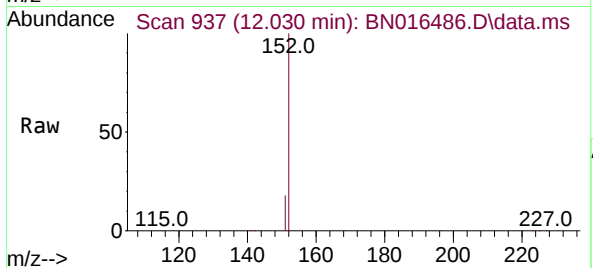




#11  
2-Methylnaphthalene-d10  
Concen: 0.392 ng  
RT: 12.030 min Scan# 937  
Delta R.T. -0.004 min  
Lab File: BN016486.D  
Acq: 25 Sep 2021 22:59

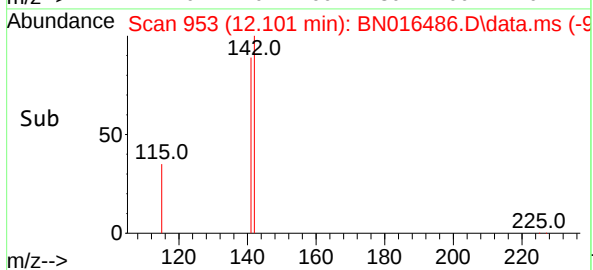
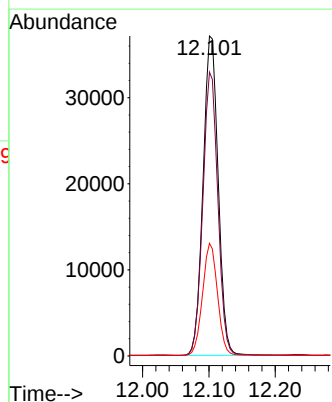
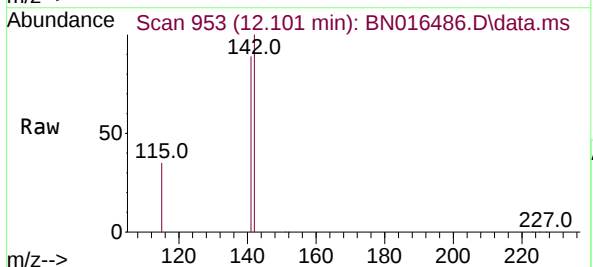
Instrument :  
BNA\_N  
ClientSampleId :

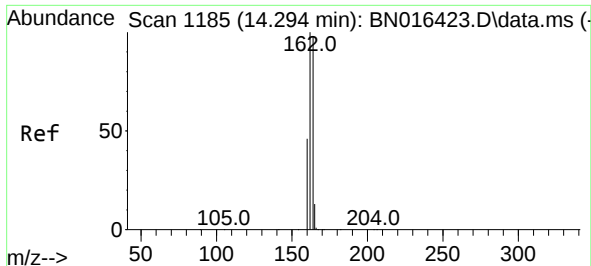
Tgt Ion:152 Resp: 51050  
Ion Ratio Lower Upper  
152 100  
151 20.3 16.1 24.1



#12  
2-Methylnaphthalene  
Concen: 0.396 ng  
RT: 12.101 min Scan# 953  
Delta R.T. -0.004 min  
Lab File: BN016486.D  
Acq: 25 Sep 2021 22:59

Tgt Ion:142 Resp: 58819  
Ion Ratio Lower Upper  
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141 88.7 69.8 104.8  
115 35.2 24.4 36.6

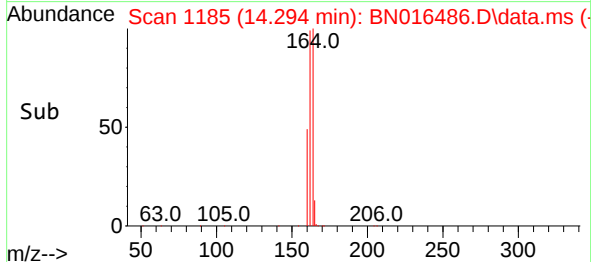
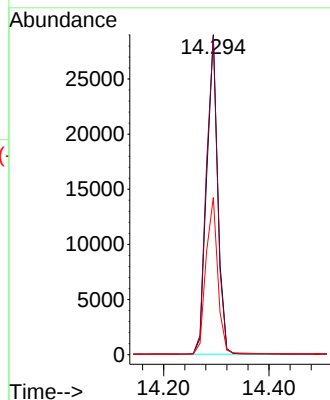
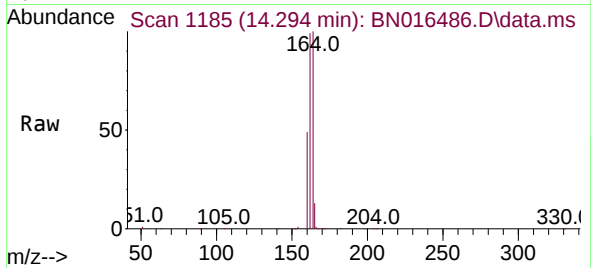




#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.294 min Scan# 1185  
Delta R.T. 0.000 min  
Lab File: BN016486.D  
Acq: 25 Sep 2021 22:59

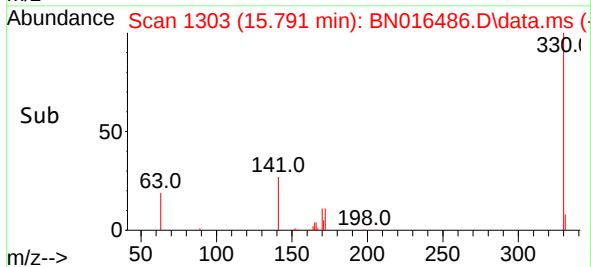
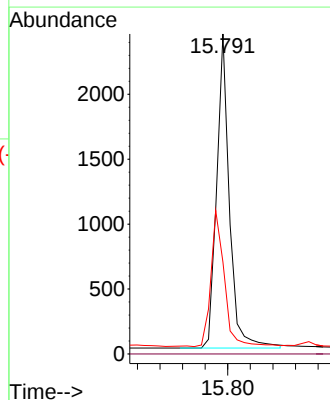
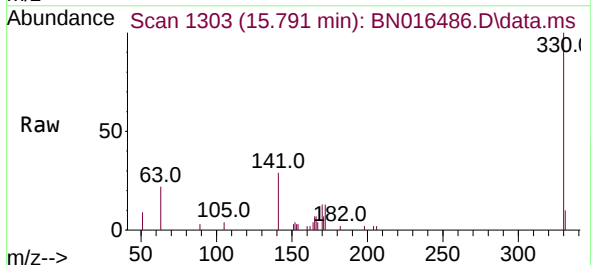
Instrument :  
BNA\_N  
ClientSampled :

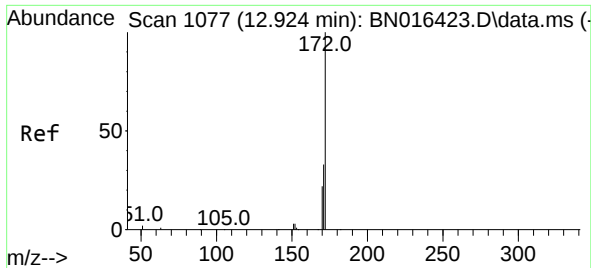
Tgt Ion:164 Resp: 42159  
Ion Ratio Lower Upper  
164 100  
162 99.4 79.0 118.4  
160 49.1 34.1 51.1



#14  
2,4,6-Tribromophenol  
Concen: 0.366 ng  
RT: 15.791 min Scan# 1303  
Delta R.T. 0.000 min  
Lab File: BN016486.D  
Acq: 25 Sep 2021 22:59

Tgt Ion:330 Resp: 3794  
Ion Ratio Lower Upper  
330 100  
332 0.0 0.0 0.0  
141 44.9 25.0 37.4#

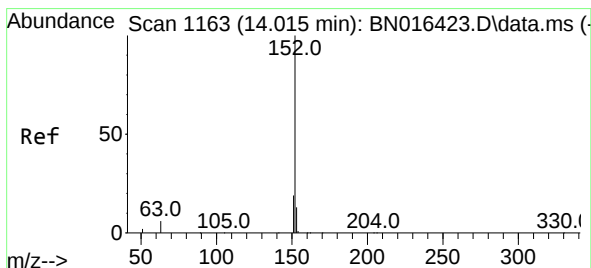
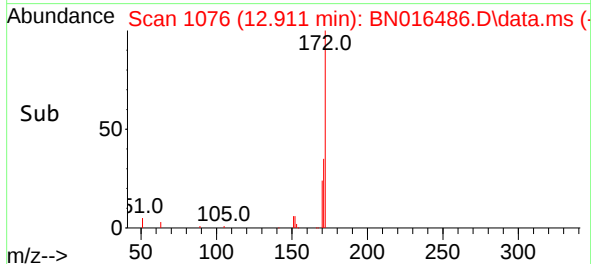
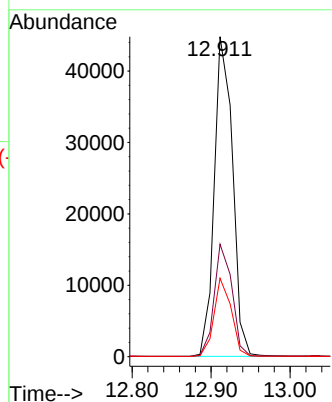
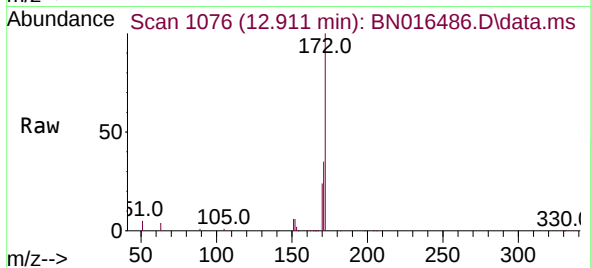




#15  
2-Fluorobiphenyl  
Concen: 0.407 ng  
RT: 12.911 min Scan# 1076  
Delta R.T. -0.012 min  
Lab File: BN016486.D  
Acq: 25 Sep 2021 22:59

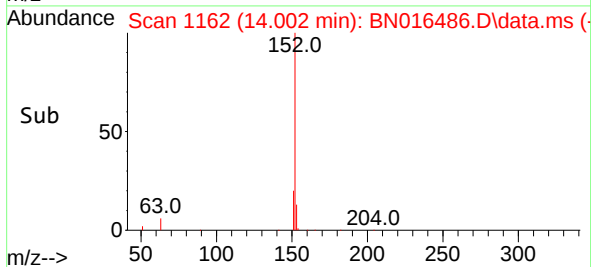
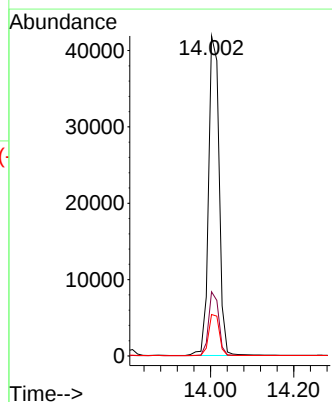
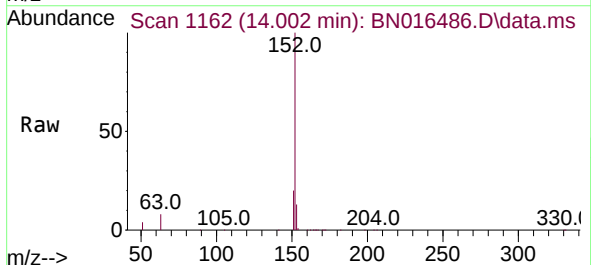
Instrument :  
BNA\_N  
ClientSampled :

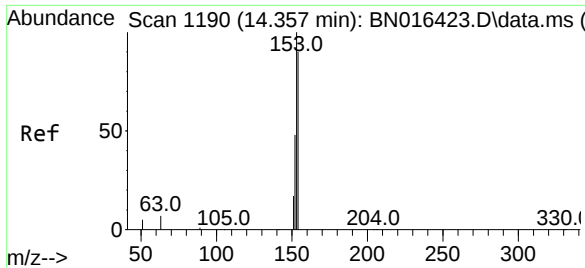
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 172   | Resp: | 71974 |
| Ion      | Ratio | Lower | Upper |
| 172      | 100   |       |       |
| 171      | 35.2  | 27.8  | 41.6  |
| 170      | 24.5  | 18.2  | 27.2  |



#16  
Acenaphthylene  
Concen: 0.432 ng  
RT: 14.002 min Scan# 1162  
Delta R.T. -0.012 min  
Lab File: BN016486.D  
Acq: 25 Sep 2021 22:59

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 152   | Resp: | 73996 |
| Ion      | Ratio | Lower | Upper |
| 152      | 100   |       |       |
| 151      | 19.2  | 15.2  | 22.8  |
| 153      | 13.1  | 10.5  | 15.7  |

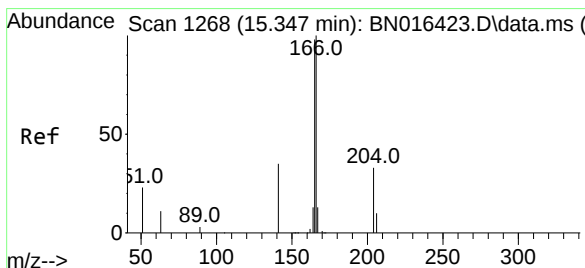
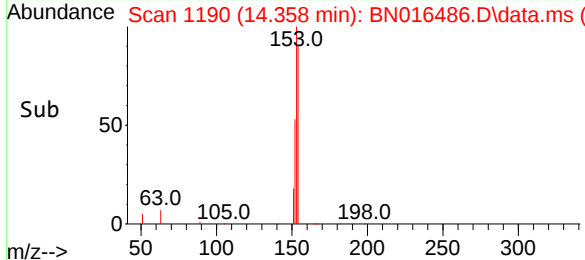
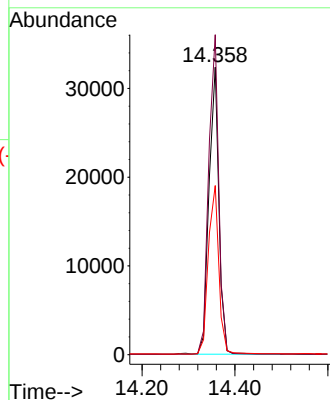
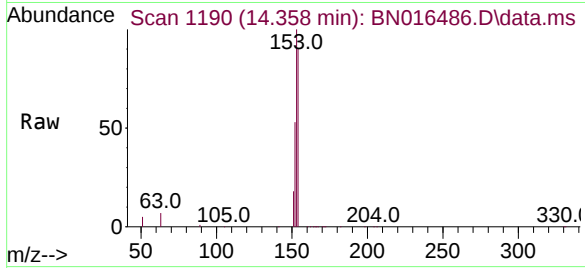




#17  
Acenaphthene  
Concen: 0.394 ng  
RT: 14.358 min Scan# 1190  
Delta R.T. 0.000 min  
Lab File: BN016486.D  
Acq: 25 Sep 2021 22:59

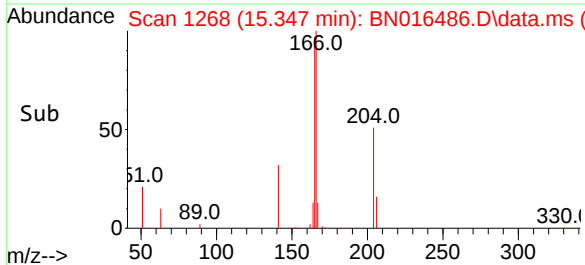
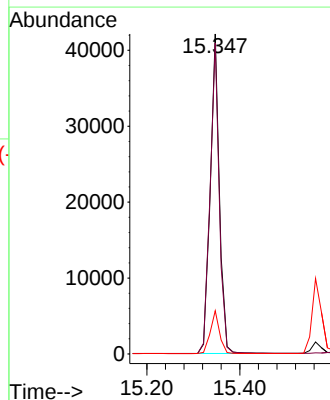
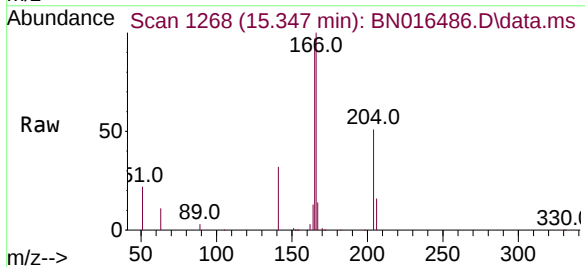
Instrument :  
BNA\_N  
ClientSampled :

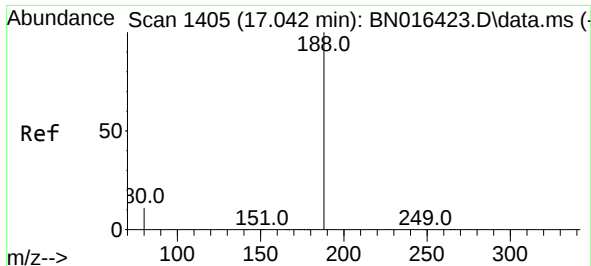
Tgt Ion:154 Resp: 47965  
Ion Ratio Lower Upper  
154 100  
153 113.5 89.3 133.9  
152 62.5 42.2 63.4



#18  
Fluorene  
Concen: 0.396 ng  
RT: 15.347 min Scan# 1268  
Delta R.T. 0.000 min  
Lab File: BN016486.D  
Acq: 25 Sep 2021 22:59

Tgt Ion:166 Resp: 57860  
Ion Ratio Lower Upper  
166 100  
165 97.9 76.7 115.1  
167 13.5 10.9 16.3

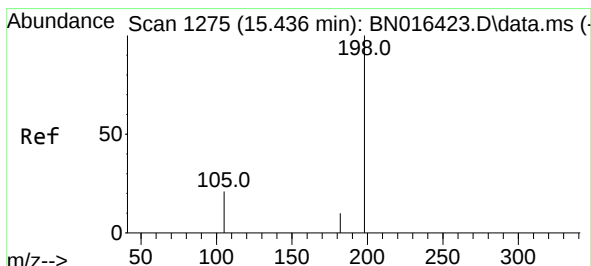
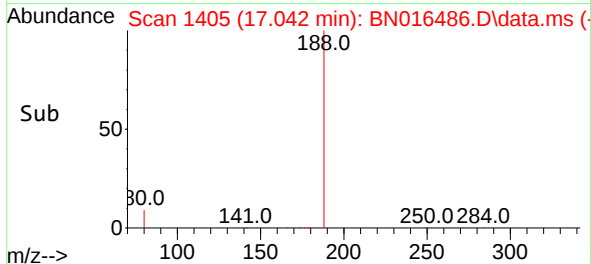
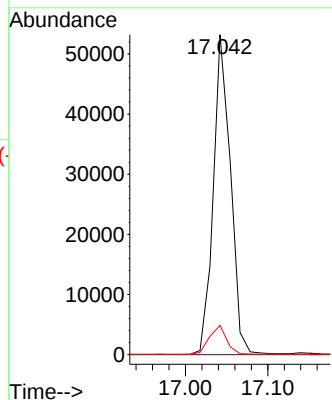
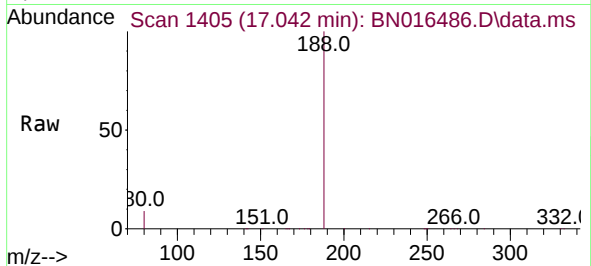




#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.042 min Scan# 1405  
Delta R.T. -0.000 min  
Lab File: BN016486.D  
Acq: 25 Sep 2021 22:59

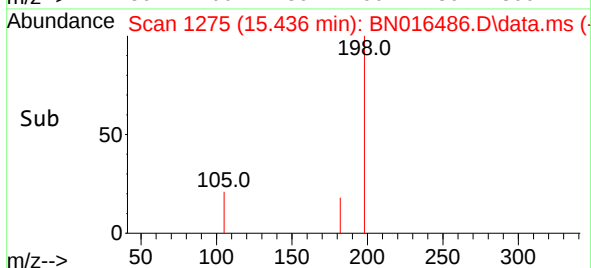
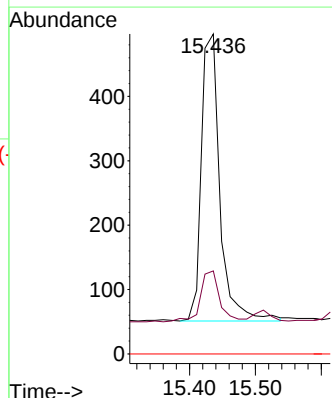
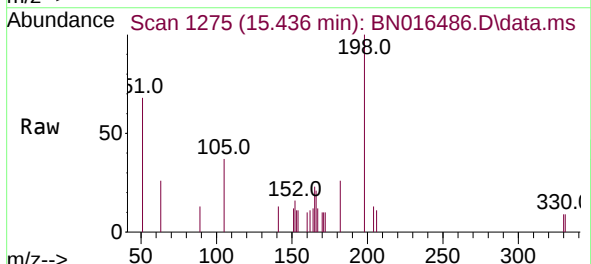
Instrument :  
BNA\_N  
ClientSampleId :

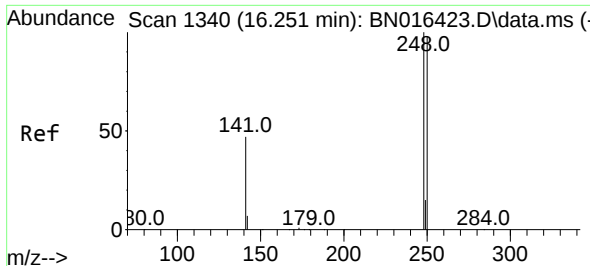
|             |       |       |
|-------------|-------|-------|
| Tgt Ion:188 | Resp: | 76951 |
| Ion Ratio   | Lower | Upper |
| 188         | 100   |       |
| 94          | 0.0   | 0.0   |
| 80          | 9.1   | 10.6  |



#20  
4,6-Dinitro-2-methylphenol  
Concen: 0.245 ng  
RT: 15.436 min Scan# 1275  
Delta R.T. 0.000 min  
Lab File: BN016486.D  
Acq: 25 Sep 2021 22:59

|             |       |       |
|-------------|-------|-------|
| Tgt Ion:198 | Resp: | 875   |
| Ion Ratio   | Lower | Upper |
| 198         | 100   |       |
| 182         | 26.0  | 26.6  |
| 77          | 0.0   | 0.0   |

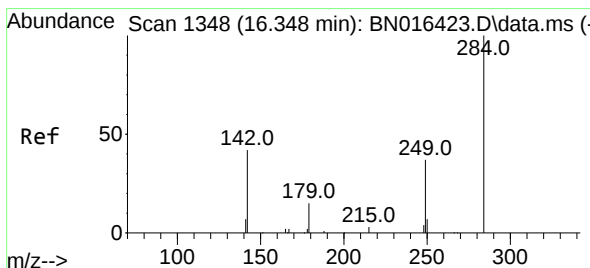
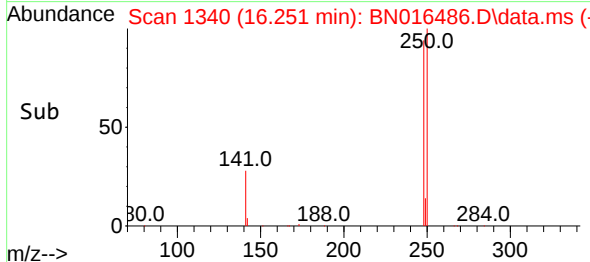
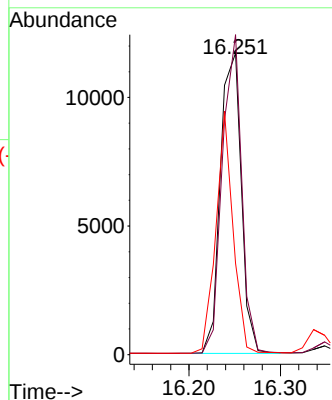
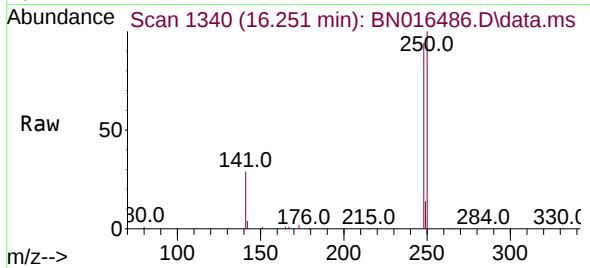




#21  
4-Bromophenyl-phenylether  
Concen: 0.413 ng  
RT: 16.251 min Scan# 1340  
Delta R.T. 0.000 min  
Lab File: BN016486.D  
Acq: 25 Sep 2021 22:59

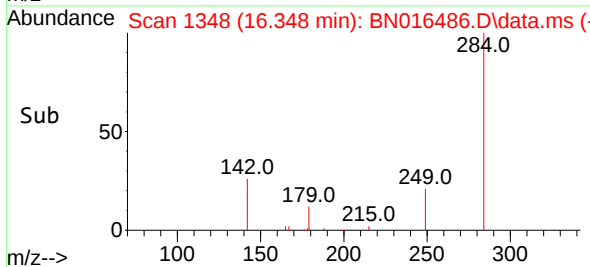
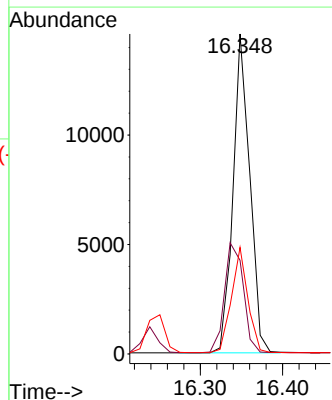
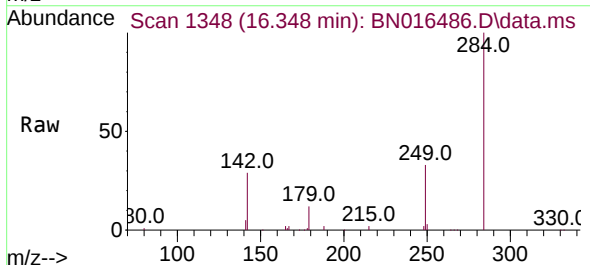
Instrument :  
BNA\_N  
ClientSampled :

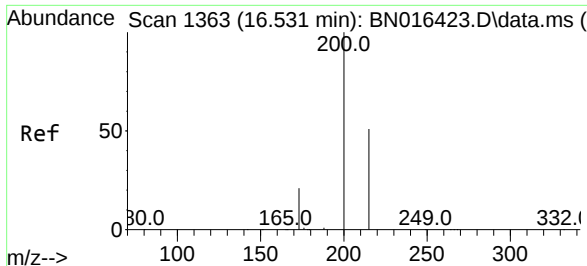
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 106.1 | 80.5  | 120.7 |
| 141     | 30.3  | 34.8  | 52.2# |



#22  
Hexachlorobenzene  
Concen: 0.462 ng  
RT: 16.348 min Scan# 1348  
Delta R.T. 0.000 min  
Lab File: BN016486.D  
Acq: 25 Sep 2021 22:59

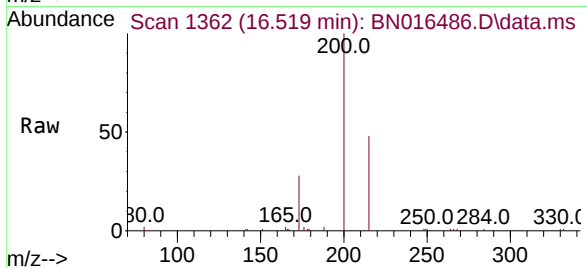
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 38.8  | 22.6  | 34.0# |
| 249     | 32.3  | 24.4  | 36.6  |



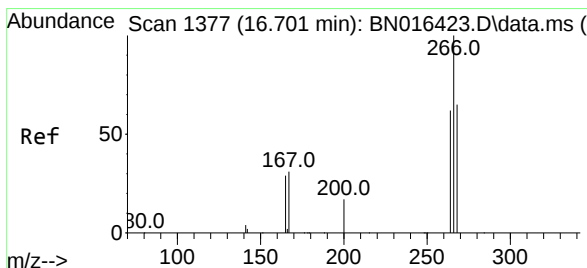
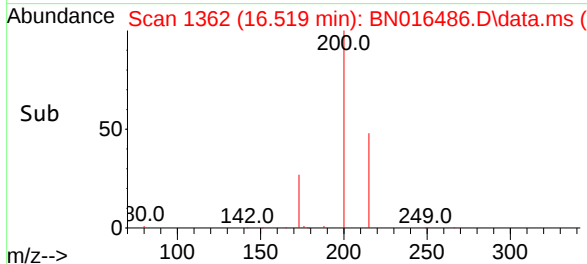
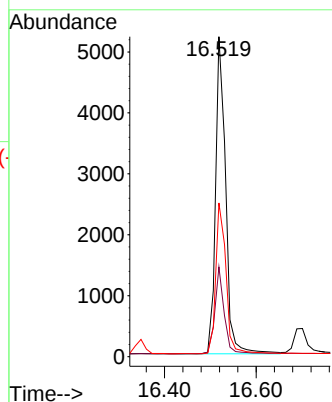


#23  
Atrazine  
Concen: 0.321 ng  
RT: 16.519 min Scan# 1362  
Delta R.T. -0.012 min  
Lab File: BN016486.D  
Acq: 25 Sep 2021 22:59

Instrument :  
BNA\_N  
ClientSampleId :

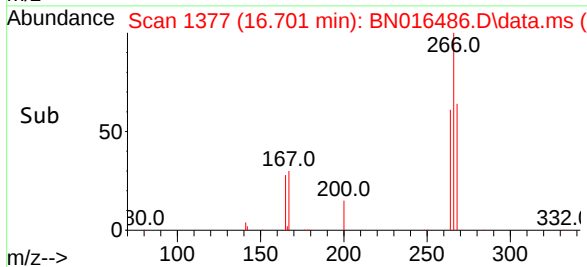
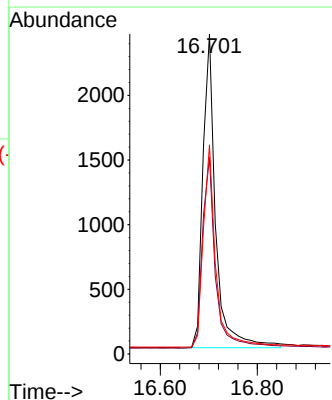
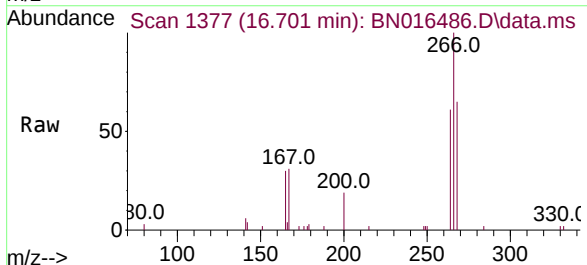


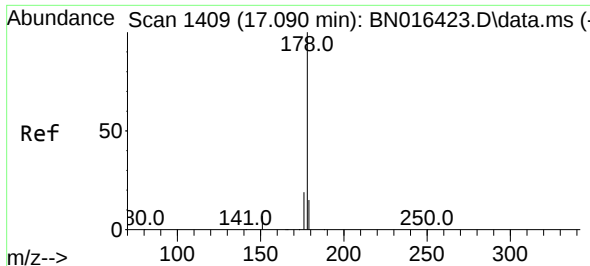
Tgt Ion: 200 Resp: 7936  
Ion Ratio Lower Upper  
200 100  
173 28.0 18.7 28.1  
215 48.0 41.6 62.4



#24  
Pentachlorophenol  
Concen: 0.439 ng  
RT: 16.701 min Scan# 1377  
Delta R.T. 0.000 min  
Lab File: BN016486.D  
Acq: 25 Sep 2021 22:59

Tgt Ion: 266 Resp: 4463  
Ion Ratio Lower Upper  
266 100  
264 62.3 50.6 75.8  
268 63.3 52.6 79.0

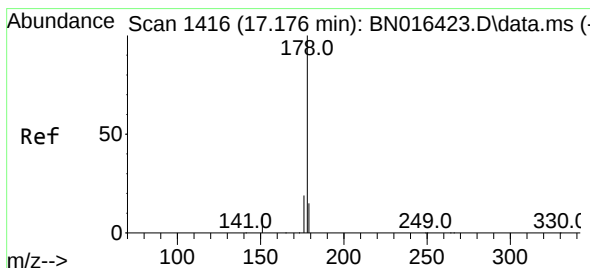
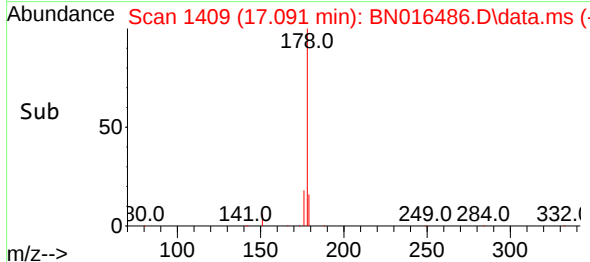
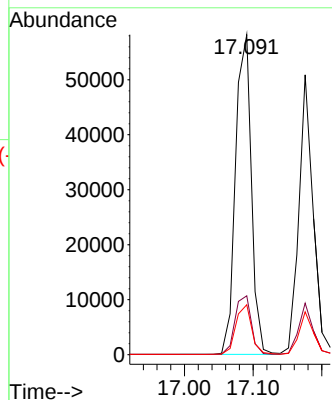
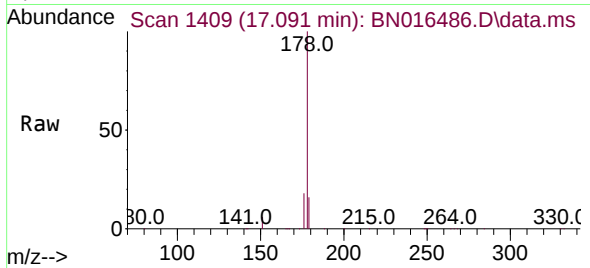




#25  
Phenanthrene  
Concen: 0.408 ng  
RT: 17.091 min Scan# 1409  
Delta R.T. 0.000 min  
Lab File: BN016486.D  
Acq: 25 Sep 2021 22:59

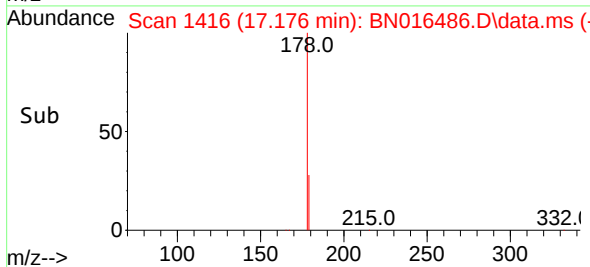
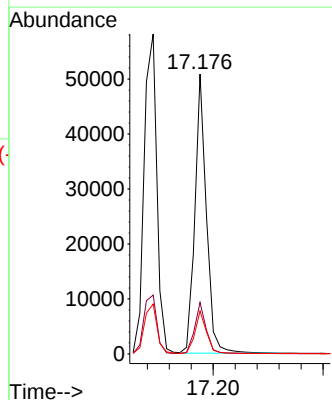
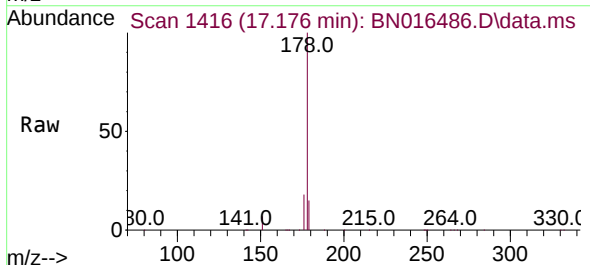
Instrument :  
BNA\_N  
ClientSampled :

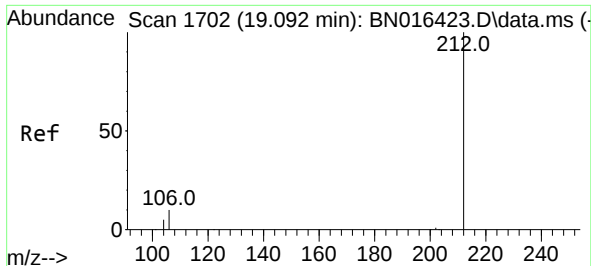
Tgt Ion:178 Resp: 93454  
Ion Ratio Lower Upper  
178 100  
176 18.9 14.4 21.6  
179 15.6 12.2 18.4



#26  
Anthracene  
Concen: 0.387 ng  
RT: 17.176 min Scan# 1416  
Delta R.T. 0.000 min  
Lab File: BN016486.D  
Acq: 25 Sep 2021 22:59

Tgt Ion:178 Resp: 73757  
Ion Ratio Lower Upper  
178 100  
176 18.3 13.9 20.9  
179 15.4 12.2 18.4

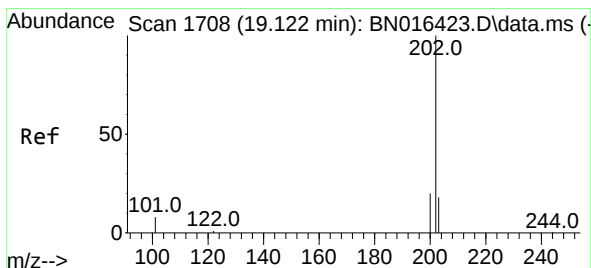
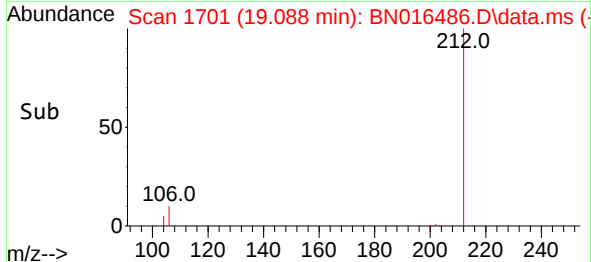
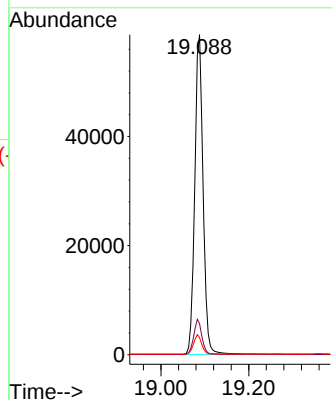
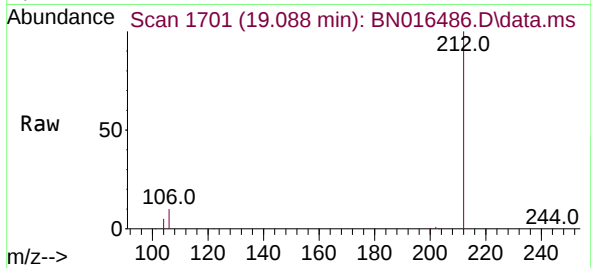




#27  
Fluoranthene-d10  
Concen: 0.366 ng  
RT: 19.088 min Scan# 1701  
Delta R.T. -0.005 min  
Lab File: BN016486.D  
Acq: 25 Sep 2021 22:59

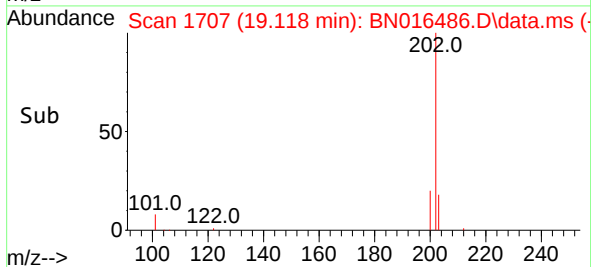
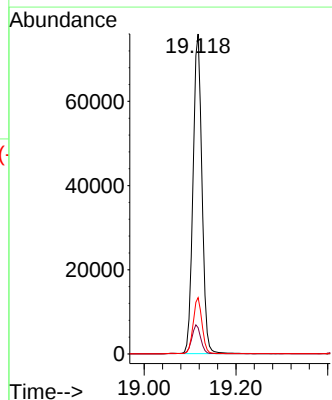
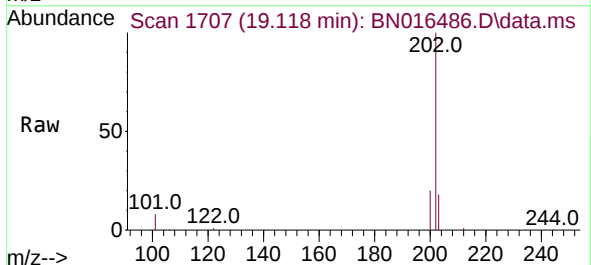
Instrument :  
BNA\_N  
ClientSampleId :

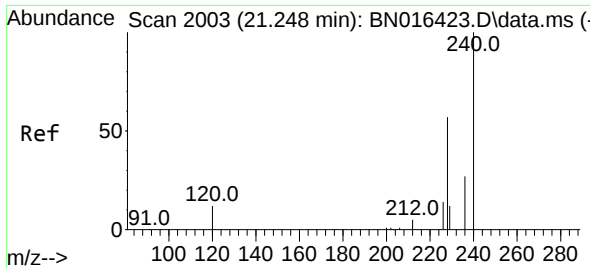
Tgt Ion:212 Resp: 77328  
Ion Ratio Lower Upper  
212 100  
106 10.7 9.8 14.6  
104 6.0 5.4 8.2



#28  
Fluoranthene  
Concen: 0.408 ng  
RT: 19.118 min Scan# 1707  
Delta R.T. -0.005 min  
Lab File: BN016486.D  
Acq: 25 Sep 2021 22:59

Tgt Ion:202 Resp: 102387  
Ion Ratio Lower Upper  
202 100  
101 9.1 8.5 12.7  
203 17.4 13.8 20.8

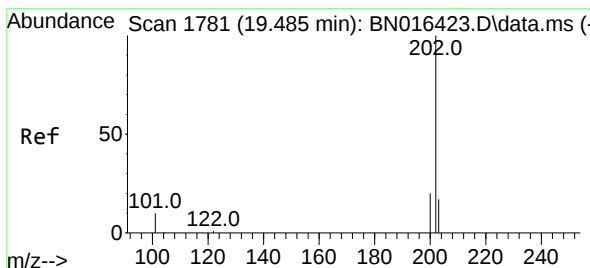
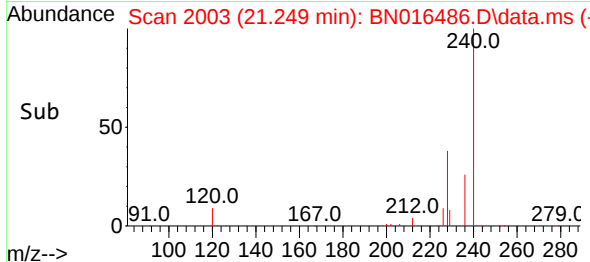
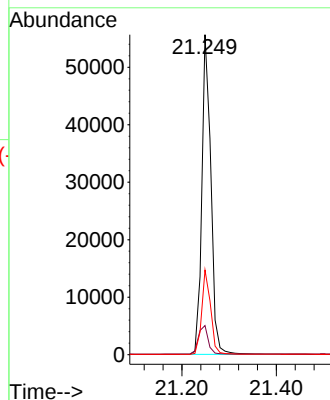
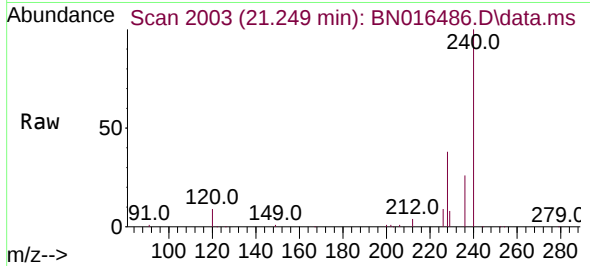




#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.249 min Scan# 2003  
Delta R.T. 0.000 min  
Lab File: BN016486.D  
Acq: 25 Sep 2021 22:59

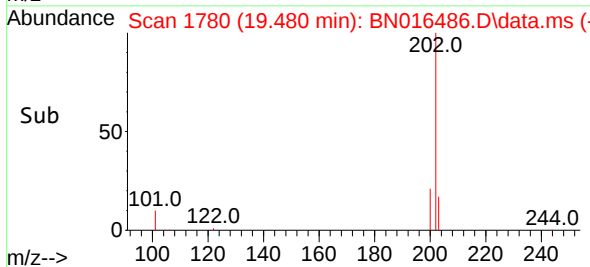
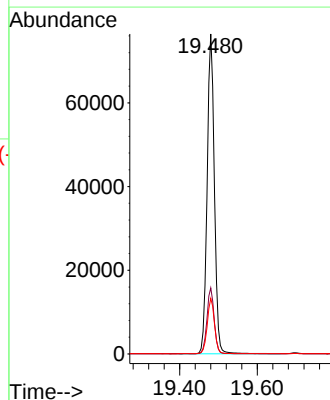
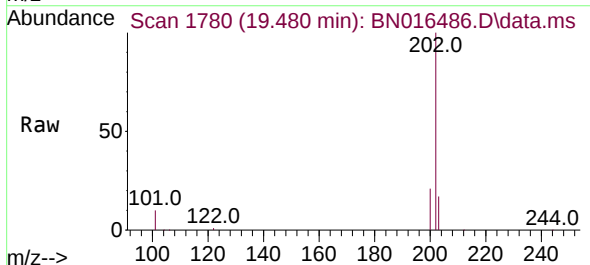
Instrument :  
BNA\_N  
ClientSampleId :

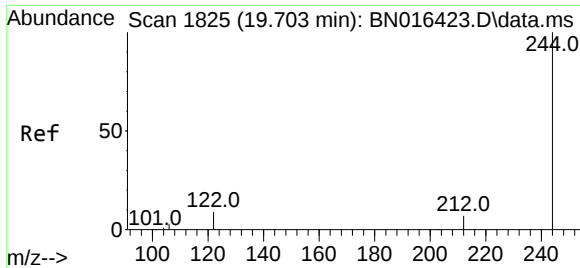
Tgt Ion:240 Resp: 74013  
Ion Ratio Lower Upper  
240 100  
120 9.1 5.3 7.9#  
236 26.5 19.8 29.8



#30  
Pyrene  
Concen: 0.427 ng  
RT: 19.480 min Scan# 1780  
Delta R.T. -0.005 min  
Lab File: BN016486.D  
Acq: 25 Sep 2021 22:59

Tgt Ion:202 Resp: 98978  
Ion Ratio Lower Upper  
202 100  
200 20.5 15.8 23.6  
203 17.4 13.9 20.9

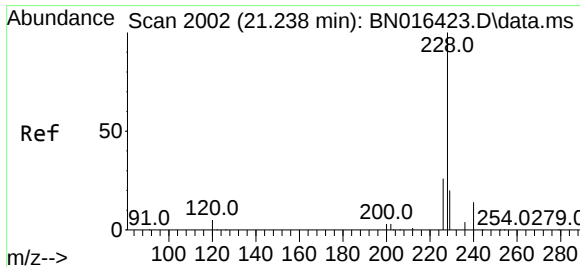
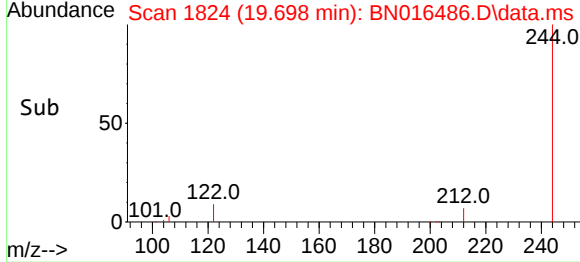
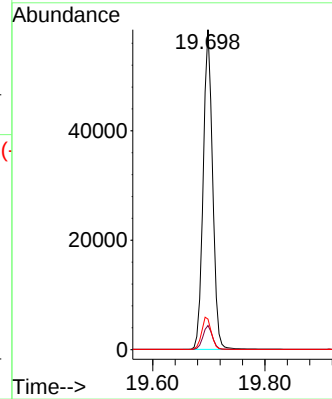
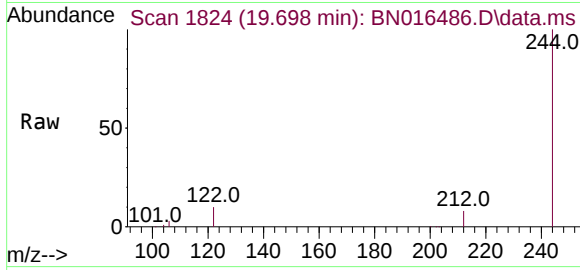




#31  
 Terphenyl-d14  
 Concen: 0.395 ng  
 RT: 19.698 min Scan# 1824  
 Delta R.T. -0.005 min  
 Lab File: BN016486.D  
 Acq: 25 Sep 2021 22:59

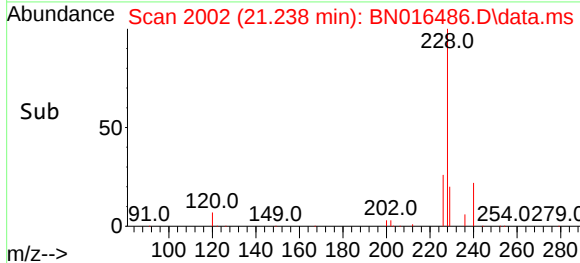
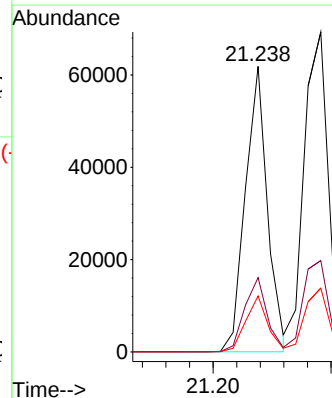
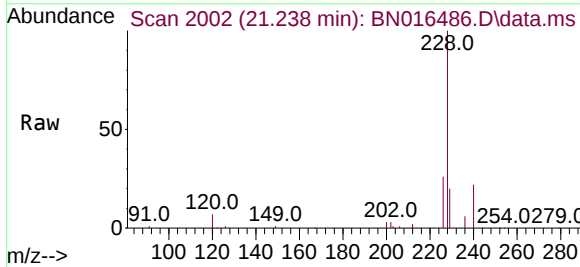
Instrument :  
 BNA\_N  
 ClientSampled :

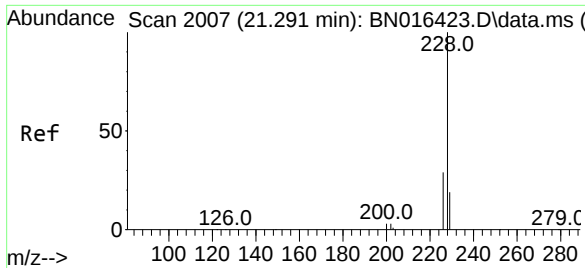
|             |       |          |
|-------------|-------|----------|
| Tgt Ion:244 | Resp: | 68036    |
| Ion Ratio   | Lower | Upper    |
| 244         | 100   |          |
| 212         | 7.6   | 5.5 8.3  |
| 122         | 9.5   | 9.0 13.4 |



#32  
 Benzo(a)anthracene  
 Concen: 0.376 ng  
 RT: 21.238 min Scan# 2002  
 Delta R.T. 0.000 min  
 Lab File: BN016486.D  
 Acq: 25 Sep 2021 22:59

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:228 | Resp: | 80688     |
| Ion Ratio   | Lower | Upper     |
| 228         | 100   |           |
| 226         | 26.1  | 20.8 31.2 |
| 229         | 19.6  | 15.8 23.6 |

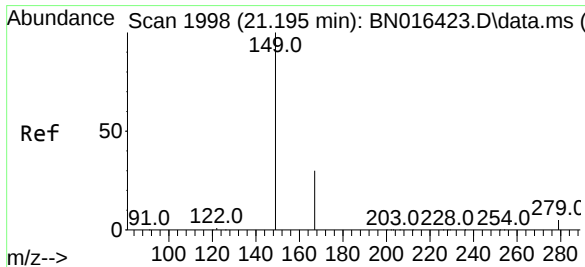
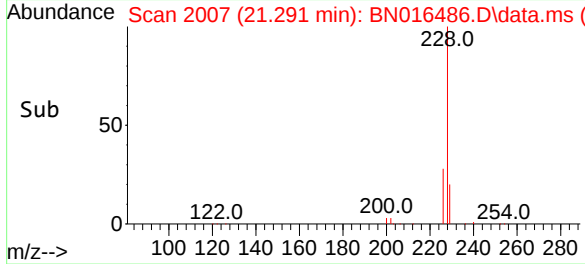
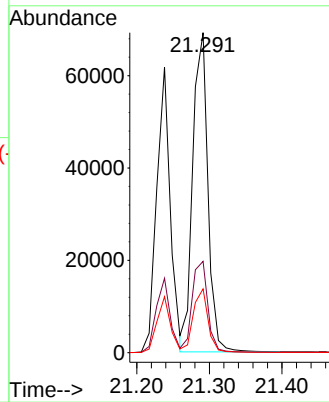
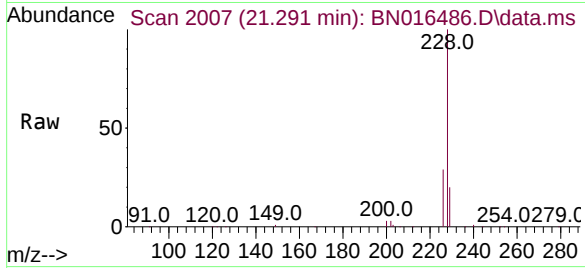




#33  
Chrysene  
Concen: 0.434 ng  
RT: 21.291 min Scan# 2007  
Delta R.T. 0.000 min  
Lab File: BN016486.D  
Acq: 25 Sep 2021 22:59

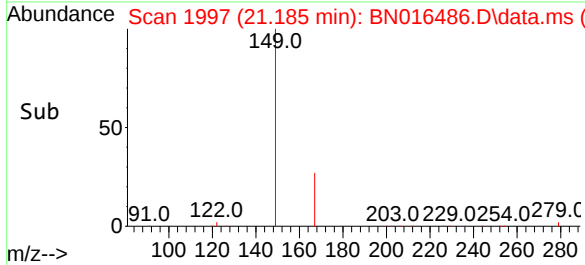
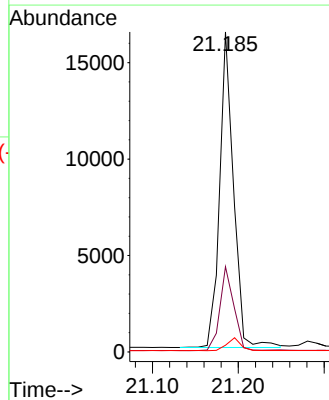
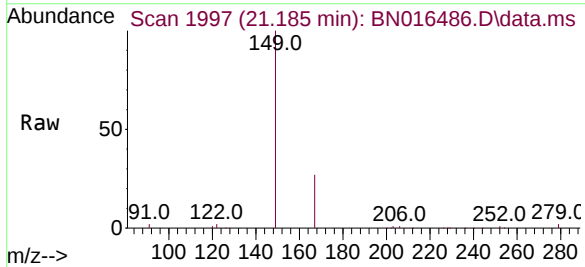
Instrument :  
BNA\_N  
ClientSampled :

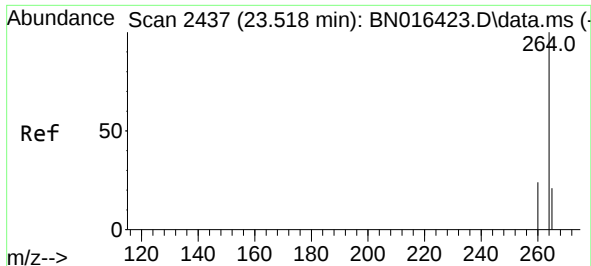
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 228   | Resp: | 100041 |
| Ion Ratio | Lower | Upper |        |
| 228       | 100   |       |        |
| 226       | 28.5  | 23.0  | 34.4   |
| 229       | 19.9  | 15.6  | 23.4   |



#34  
Bis(2-ethylhexyl)phthalate  
Concen: 0.313 ng  
RT: 21.185 min Scan# 1997  
Delta R.T. -0.010 min  
Lab File: BN016486.D  
Acq: 25 Sep 2021 22:59

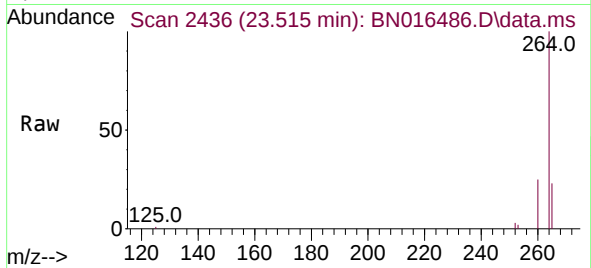
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 149   | Resp: | 18334 |
| Ion Ratio | Lower | Upper |       |
| 149       | 100   |       |       |
| 167       | 26.6  | 23.4  | 35.0  |
| 279       | 4.0   | 3.9   | 5.9   |



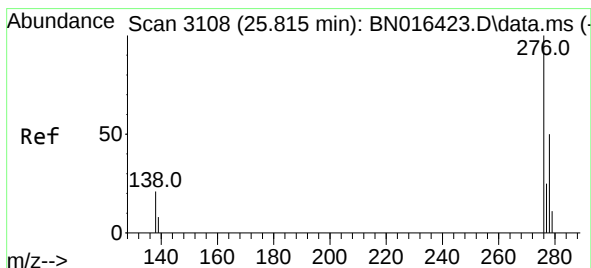
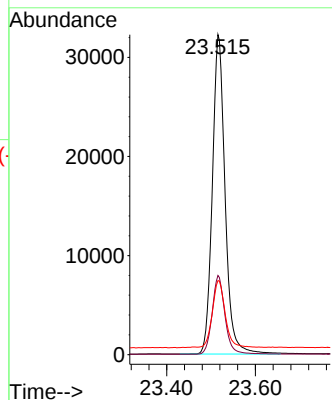
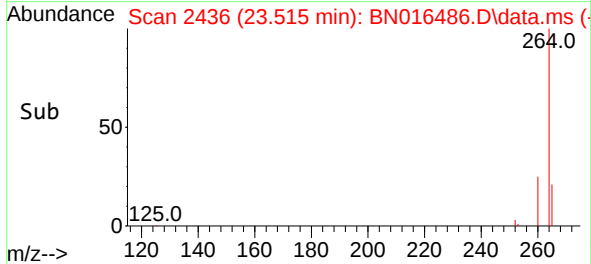


#35  
 Perylene-d12  
 Concen: 0.400 ng  
 RT: 23.515 min Scan# 2436  
 Delta R.T. -0.003 min  
 Lab File: BN016486.D  
 Acq: 25 Sep 2021 22:59

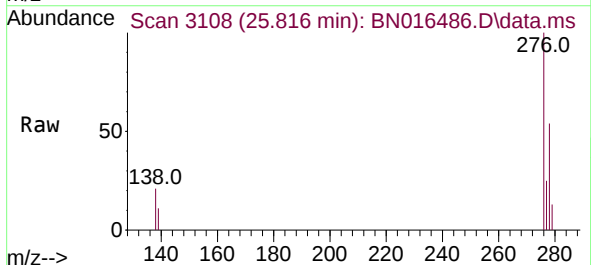
Instrument :  
 BNA\_N  
 ClientSampled :



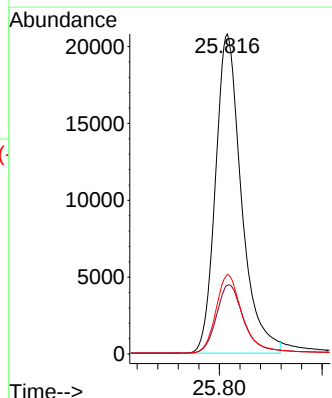
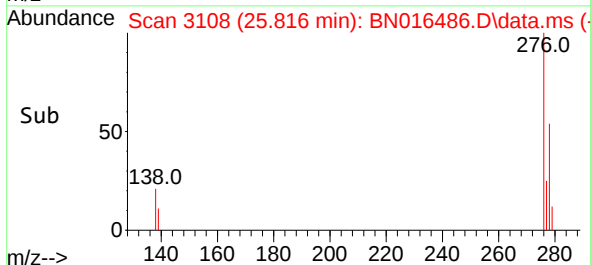
Tgt Ion:264 Resp: 64288  
 Ion Ratio Lower Upper  
 264 100  
 260 24.7 18.9 28.3  
 265 23.1 23.7 35.5#



#36  
 Indeno(1,2,3-cd)pyrene  
 Concen: 0.350 ng  
 RT: 25.816 min Scan# 3108  
 Delta R.T. 0.000 min  
 Lab File: BN016486.D  
 Acq: 25 Sep 2021 22:59



Tgt Ion:276 Resp: 72816  
 Ion Ratio Lower Upper  
 276 100  
 138 22.4 19.3 28.9  
 277 24.9 20.2 30.2

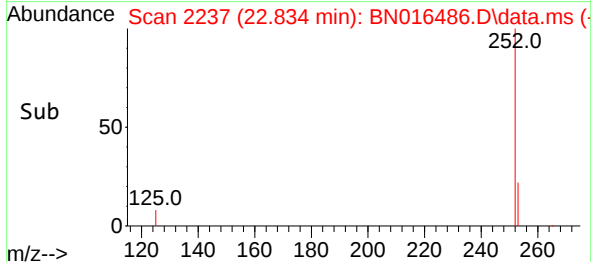
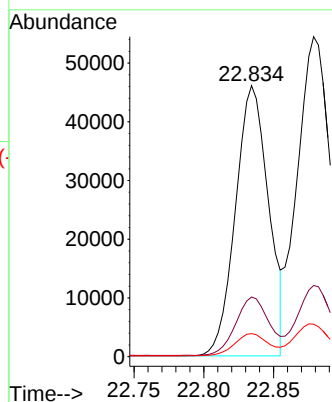
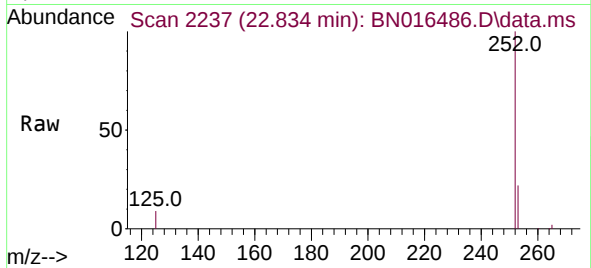




#37  
Benzo(b)fluoranthene  
Concen: 0.352 ng  
RT: 22.834 min Scan# 2237  
Delta R.T. -0.003 min  
Lab File: BN016486.D  
Acq: 25 Sep 2021 22:59

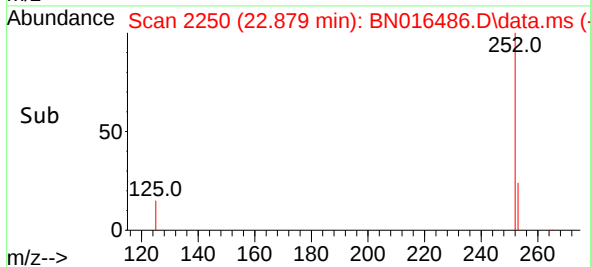
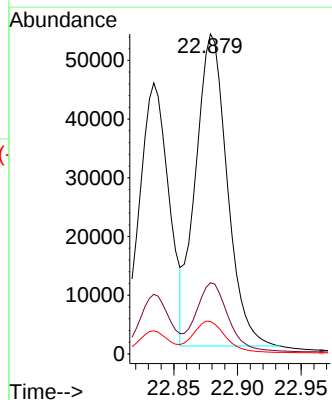
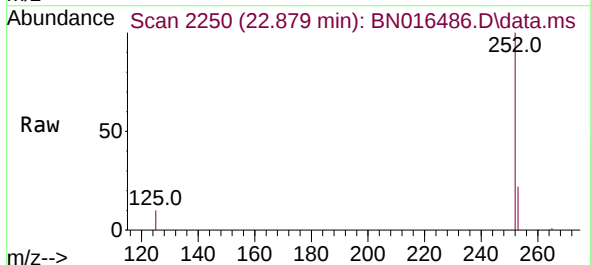
Instrument :  
BNA\_N  
ClientSampled :

Tgt Ion:252 Resp: 75598  
Ion Ratio Lower Upper  
252 100  
253 22.0 18.2 27.2  
125 8.5 8.4 12.6



#38  
Benzo(k)fluoranthene  
Concen: 0.442 ng  
RT: 22.879 min Scan# 2250  
Delta R.T. -0.003 min  
Lab File: BN016486.D  
Acq: 25 Sep 2021 22:59

Tgt Ion:252 Resp: 91711  
Ion Ratio Lower Upper  
252 100  
253 22.3 18.2 27.2  
125 10.2 8.2 12.4

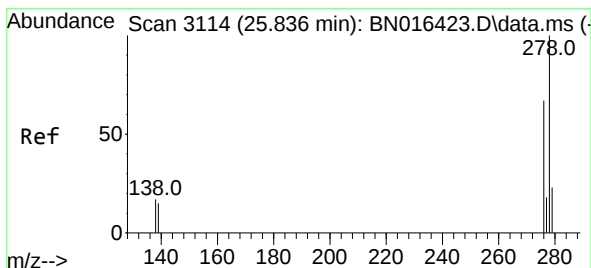
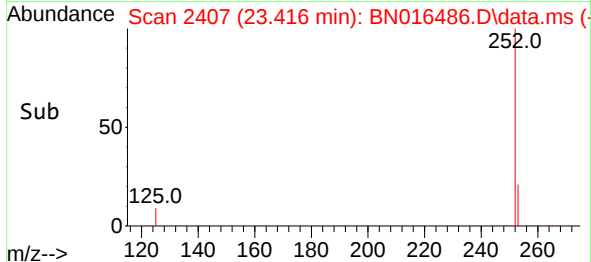
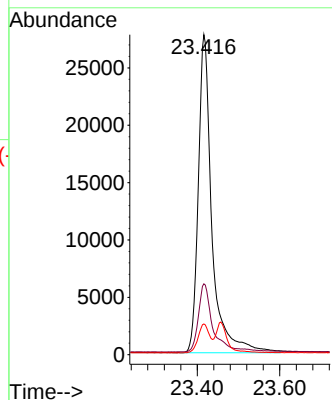
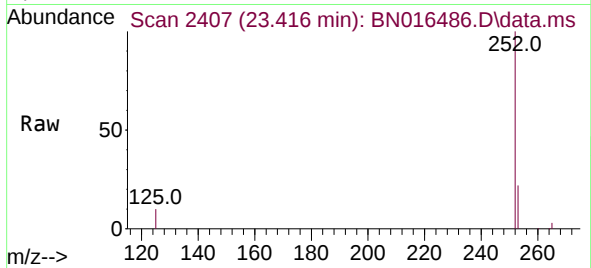




#39  
Benzo(a)pyrene  
Concen: 0.363 ng  
RT: 23.416 min Scan# 2407  
Delta R.T. -0.003 min  
Lab File: BN016486.D  
Acq: 25 Sep 2021 22:59

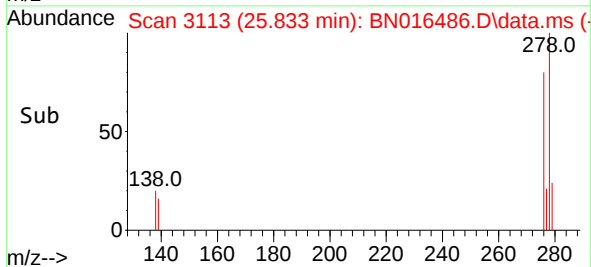
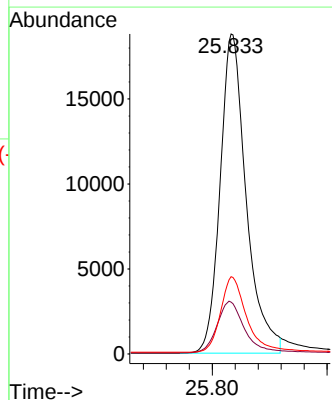
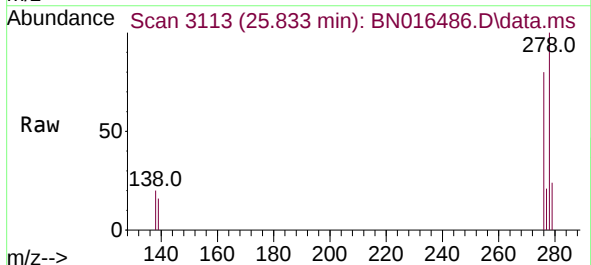
Instrument :  
BNA\_N  
ClientSampled :

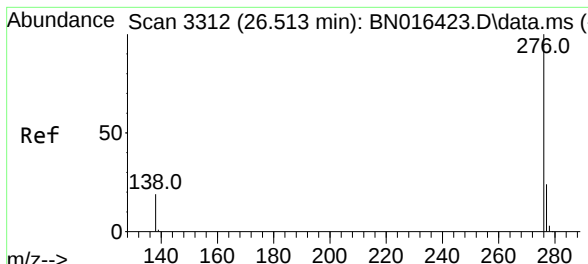
Tgt Ion:252 Resp: 63504  
Ion Ratio Lower Upper  
252 100  
253 22.2 18.7 28.1  
125 9.6 9.9 14.9#



#40  
Dibenzo(a,h)anthracene  
Concen: 0.334 ng  
RT: 25.833 min Scan# 3113  
Delta R.T. -0.003 min  
Lab File: BN016486.D  
Acq: 25 Sep 2021 22:59

Tgt Ion:278 Resp: 59190  
Ion Ratio Lower Upper  
278 100  
139 16.2 14.2 21.2  
279 24.1 21.3 31.9





#41  
 Benzo(g,h,i)perylene  
 Concen: 0.318 ng  
 RT: 26.510 min Scan# 3311  
 Delta R.T. -0.003 min  
 Lab File: BN016486.D  
 Acq: 25 Sep 2021 22:59

Instrument :  
 BNA\_N  
 ClientSampleId :

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 276   | Resp: | 57868 |
| Ion Ratio | Lower | Upper |       |
| 276       | 100   |       |       |
| 277       | 23.8  | 20.5  | 30.7  |
| 138       | 18.7  | 18.2  | 27.4  |

