

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN100821\  
 Data File : BN016869.D  
 Acq On : 09 Oct 2021 07:25  
 Operator : CG/JU  
 Sample : PB139741BSD  
 Misc :  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB139741BSD

Quant Time: Oct 09 08:12:38 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN100721.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Oct 08 15:46:07 2021  
 Response via : Initial Calibration

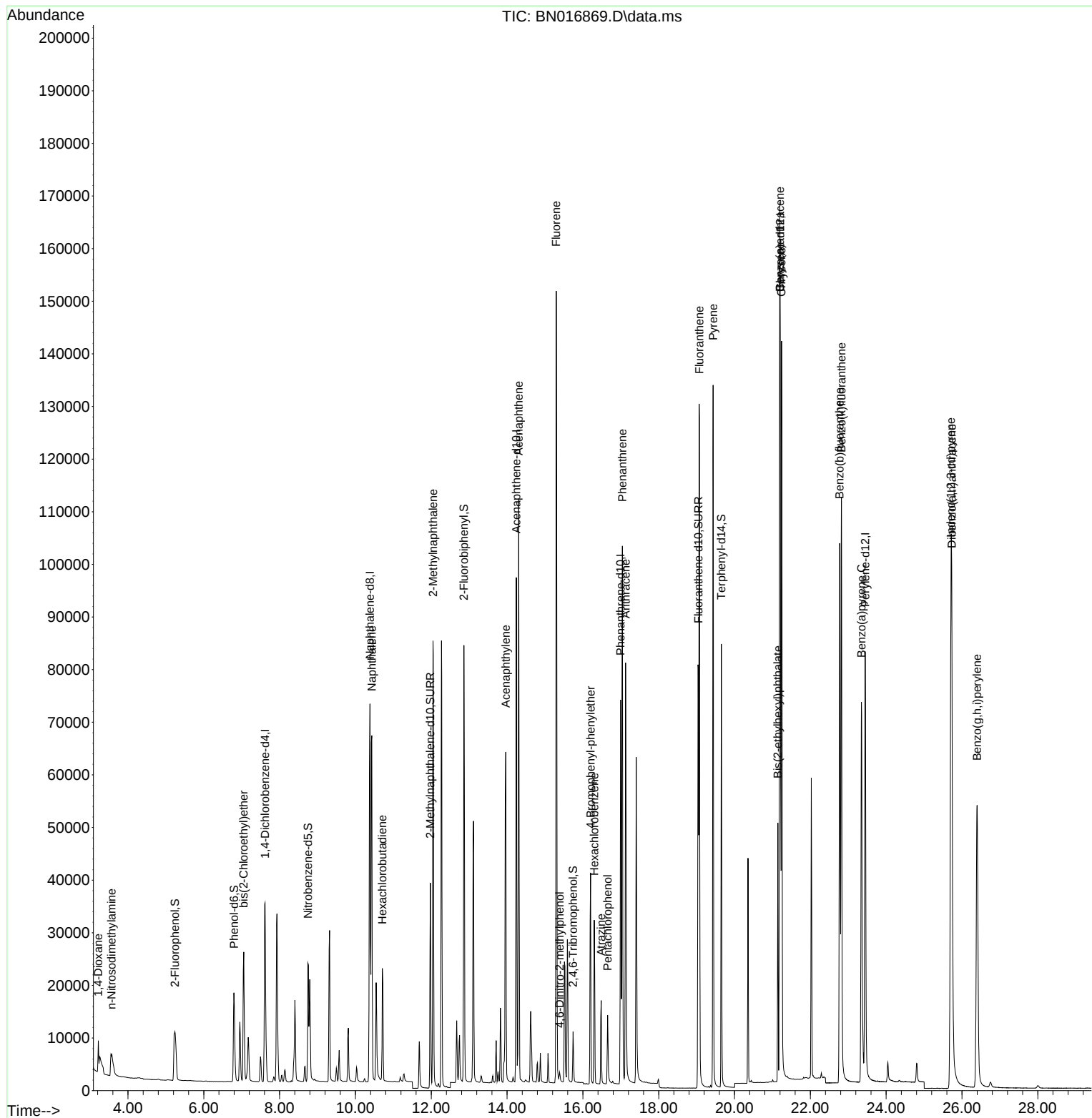
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.615  | 152  | 23083    | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.381 | 136  | 102619   | 0.400 | ng    | # 0.00   |
| 13) Acenaphthene-d10          | 14.243 | 164  | 52383    | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 16.993 | 188  | 101533   | 0.400 | ng    | #-0.01   |
| 29) Chrysene-d12              | 21.206 | 240  | 105764   | 0.400 | ng    | 0.00     |
| 35) Perylene-d12              | 23.447 | 264  | 109492   | 0.400 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.236  | 112  | 19903    | 0.345 | ng    | 0.00     |
| 5) Phenol-d6                  | 6.794  | 99   | 22342    | 0.341 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 8.746  | 82   | 22528    | 0.313 | ng    | -0.01    |
| 11) 2-Methylnaphthalene-d10   | 11.976 | 152  | 53566    | 0.351 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.741 | 330  | 8223     | 0.303 | ng    | -0.01    |
| 15) 2-Fluorobiphenyl          | 12.860 | 172  | 75877    | 0.359 | ng    | -0.01    |
| 27) Fluoranthene-d10          | 19.043 | 212  | 96318    | 0.341 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.654 | 244  | 85275    | 0.370 | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       |          |
|                               |        |      |          |       |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.216  | 88   | 3417     | 0.331 | ng    | # 73     |
| 3) n-Nitrosodimethylamine     | 3.567  | 42   | 6549     | 0.362 | ng    | 97       |
| 6) bis(2-Chloroethyl)ether    | 7.052  | 93   | 23287    | 0.365 | ng    | 99       |
| 9) Naphthalene                | 10.432 | 128  | 98123    | 0.351 | ng    | 100      |
| 10) Hexachlorobutadiene       | 10.711 | 225  | 18943    | 0.355 | ng    | # 100    |
| 12) 2-Methylnaphthalene       | 12.047 | 142  | 63715    | 0.356 | ng    | 99       |
| 16) Acenaphthylene            | 13.964 | 152  | 77506    | 0.335 | ng    | 100      |
| 17) Acenaphthene              | 14.307 | 154  | 54412    | 0.354 | ng    | 100      |
| 18) Fluorene                  | 15.296 | 166  | 66449    | 0.356 | ng    | 100      |
| 20) 4,6-Dinitro-2-methylph... | 15.385 | 198  | 1402     | 0.258 | ng    | # 73     |
| 21) 4-Bromophenyl-phenylether | 16.202 | 248  | 21650    | 0.342 | ng    | # 88     |
| 22) Hexachlorobenzene         | 16.300 | 284  | 25626    | 0.355 | ng    | 99       |
| 23) Atrazine                  | 16.482 | 200  | 14144    | 0.282 | ng    | 97       |
| 24) Pentachlorophenol         | 16.652 | 266  | 7247     | 0.316 | ng    | 99       |
| 25) Phenanthrene              | 17.042 | 178  | 108514   | 0.360 | ng    | 100      |
| 26) Anthracene                | 17.127 | 178  | 89787    | 0.335 | ng    | 100      |
| 28) Fluoranthene              | 19.073 | 202  | 121978   | 0.360 | ng    | 100      |
| 30) Pyrene                    | 19.435 | 202  | 122324   | 0.376 | ng    | 100      |
| 32) Benzo(a)anthracene        | 21.196 | 228  | 115573   | 0.353 | ng    | 97       |
| 33) Chrysene                  | 21.238 | 228  | 129858   | 0.390 | ng    | 100      |
| 34) Bis(2-ethylhexyl)phtha... | 21.142 | 149  | 40924    | 0.246 | ng    | 99       |
| 36) Indeno(1,2,3-cd)pyrene    | 25.709 | 276  | 143194   | 0.345 | ng    | 99       |
| 37) Benzo(b)fluoranthene      | 22.773 | 252  | 129811   | 0.375 | ng    | 99       |
| 38) Benzo(k)fluoranthene      | 22.817 | 252  | 132118   | 0.392 | ng    | 99       |
| 39) Benzo(a)pyrene            | 23.348 | 252  | 115360   | 0.364 | ng    | 99       |
| 40) Dibenzo(a,h)anthracene    | 25.730 | 278  | 116039   | 0.342 | ng    | 100      |
| 41) Benzo(g,h,i)perylene      | 26.397 | 276  | 121441   | 0.337 | ng    | 99       |
| -----                         |        |      |          |       |       |          |

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

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Sample : PB139741BSD  
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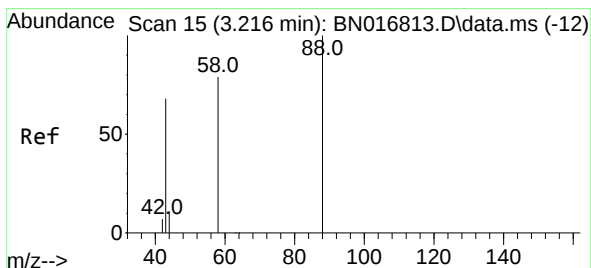
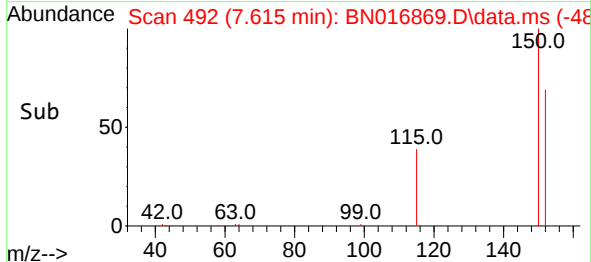
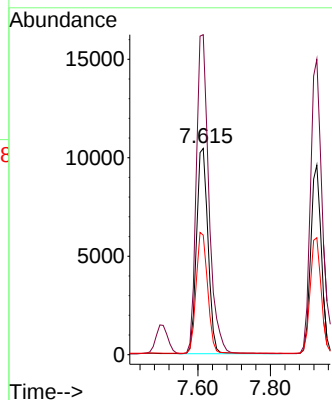
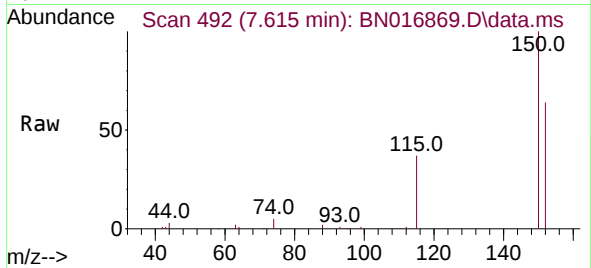




#1  
1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 7.615 min Scan# 492  
Delta R.T. 0.001 min  
Lab File: BN016869.D  
Acq: 09 Oct 2021 07:25

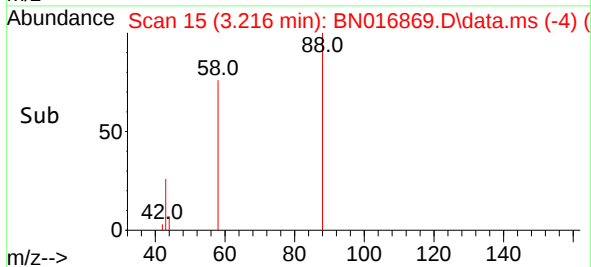
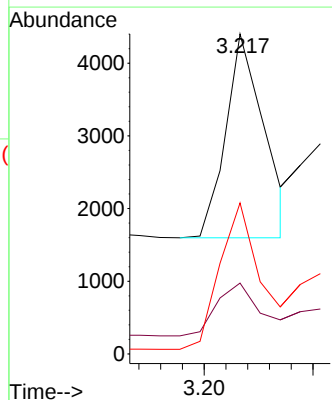
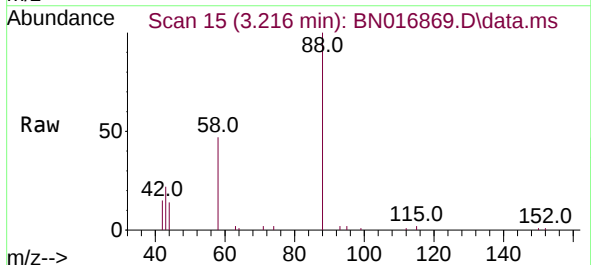
Instrument :  
BNA\_N  
ClientSampleId :  
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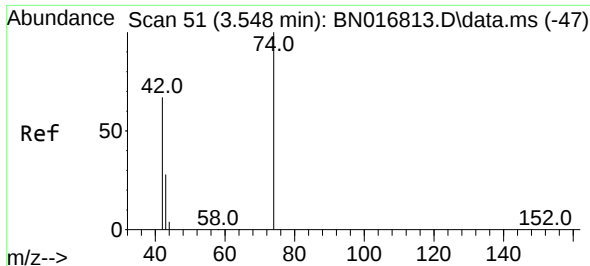
Tgt Ion:152 Resp: 23083  
Ion Ratio Lower Upper  
152 100  
150 155.2 123.3 184.9  
115 57.9 47.0 70.6



#2  
1,4-Dioxane  
Concen: 0.331 ng  
RT: 3.216 min Scan# 15  
Delta R.T. 0.000 min  
Lab File: BN016869.D  
Acq: 09 Oct 2021 07:25

Tgt Ion: 88 Resp: 3417  
Ion Ratio Lower Upper  
88 100  
43 29.7 61.7 92.5#  
58 78.0 62.2 93.2

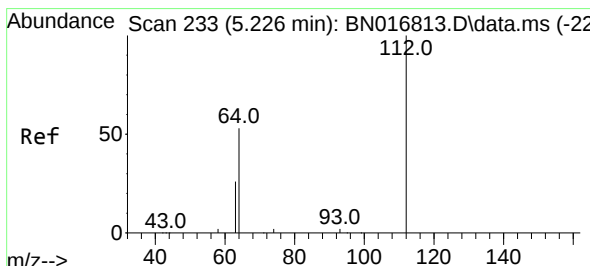
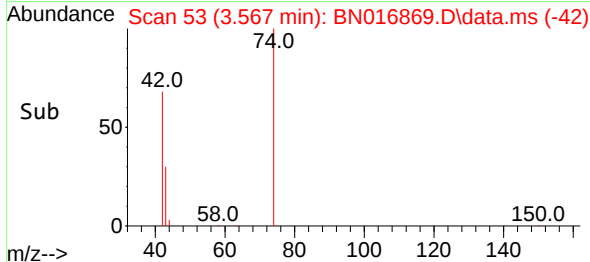
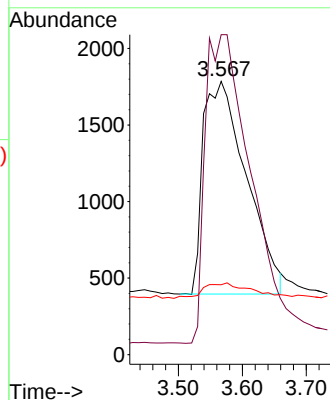
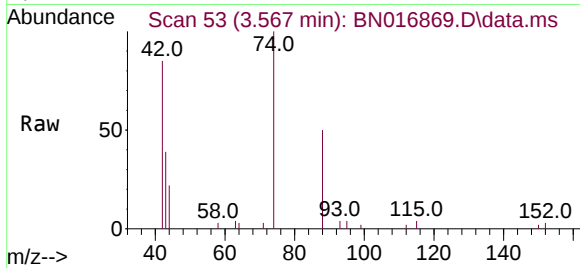




#3  
n-Nitrosodimethylamine  
Concen: 0.362 ng  
RT: 3.567 min Scan# 53  
Delta R.T. 0.000 min  
Lab File: BN016869.D  
Acq: 09 Oct 2021 07:25

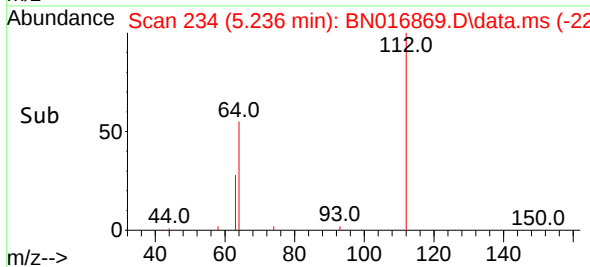
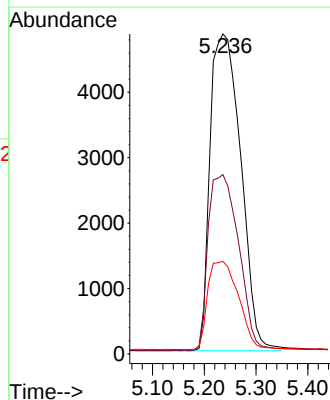
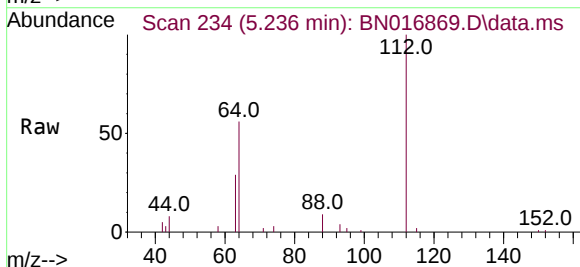
Instrument :  
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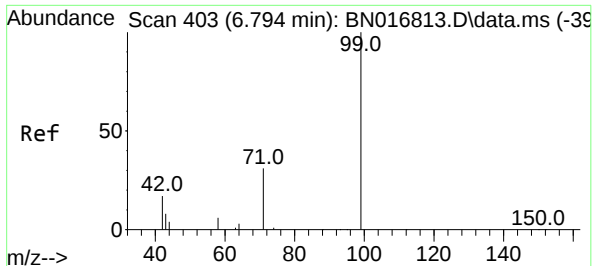
Tgt Ion: 42 Resp: 6549  
Ion Ratio Lower Upper  
42 100  
74 150.5 124.0 186.0  
44 7.7 5.6 8.4



#4  
2-Fluorophenol  
Concen: 0.345 ng  
RT: 5.236 min Scan# 234  
Delta R.T. 0.000 min  
Lab File: BN016869.D  
Acq: 09 Oct 2021 07:25

Tgt Ion: 112 Resp: 19903  
Ion Ratio Lower Upper  
112 100  
64 55.2 42.9 64.3  
63 27.9 21.5 32.3

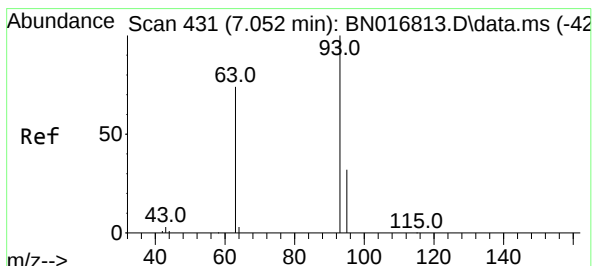
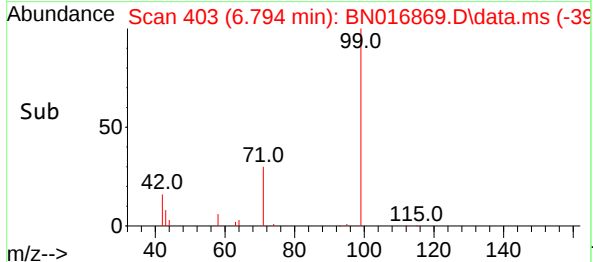
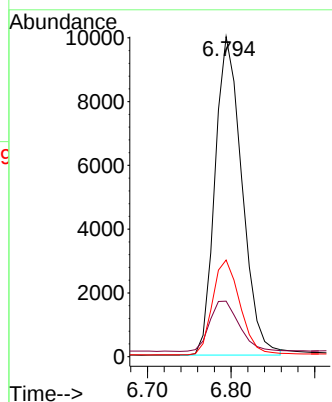
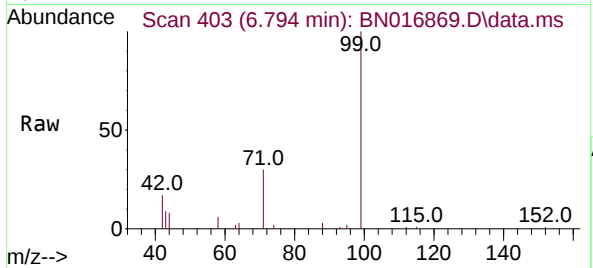




#5  
Phenol-d6  
Concen: 0.341 ng  
RT: 6.794 min Scan# 403  
Delta R.T. 0.000 min  
Lab File: BN016869.D  
Acq: 09 Oct 2021 07:25

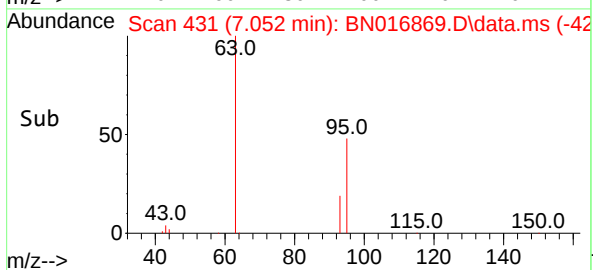
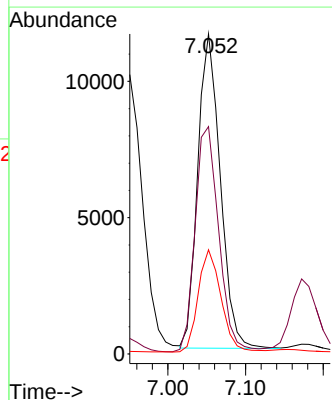
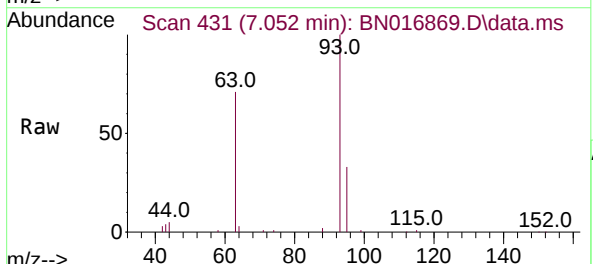
Instrument :  
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ClientSampleId :  
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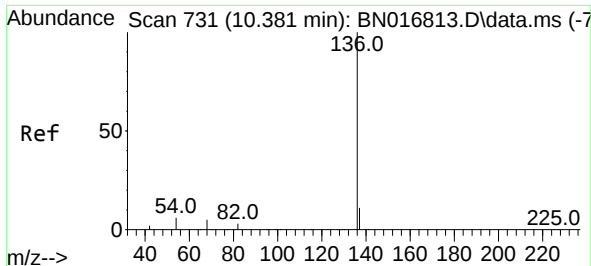
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 99    | Resp: | 22342 |
| Ion      | Ratio | Lower | Upper |
| 99       | 100   |       |       |
| 42       | 17.3  | 13.4  | 20.2  |
| 71       | 30.4  | 24.0  | 36.0  |



#6  
bis(2-Chloroethyl)ether  
Concen: 0.365 ng  
RT: 7.052 min Scan# 431  
Delta R.T. 0.000 min  
Lab File: BN016869.D  
Acq: 09 Oct 2021 07:25

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 93    | Resp: | 23287 |
| Ion      | Ratio | Lower | Upper |
| 93       | 100   |       |       |
| 63       | 75.0  | 59.0  | 88.6  |
| 95       | 33.0  | 26.4  | 39.6  |

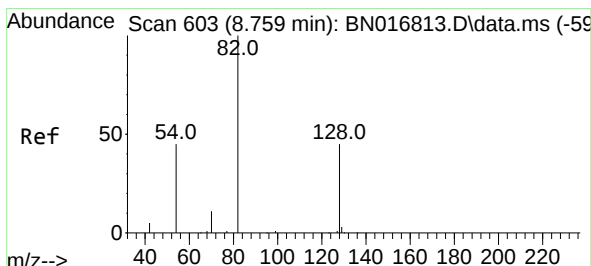
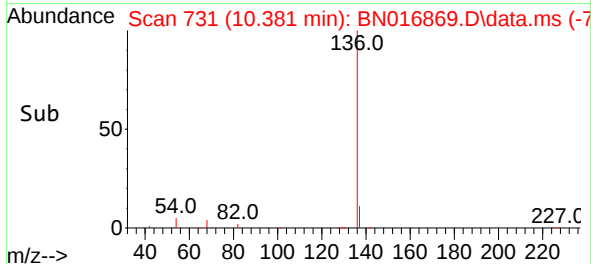
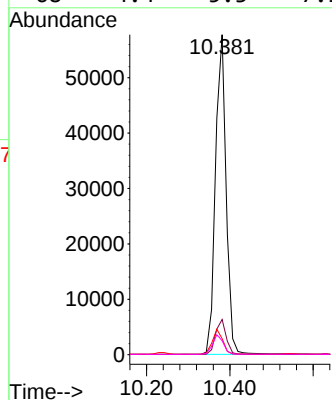
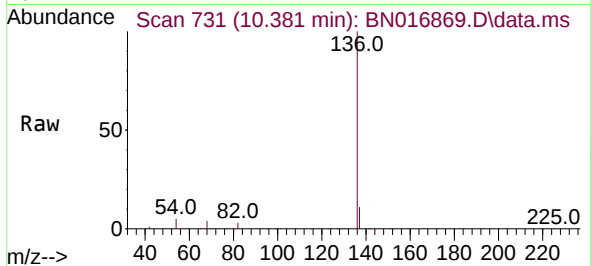




#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.381 min Scan# 731  
Delta R.T. 0.000 min  
Lab File: BN016869.D  
Acq: 09 Oct 2021 07:25

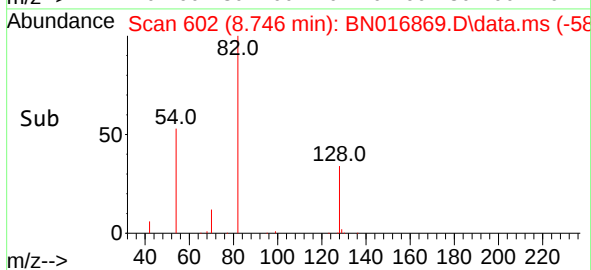
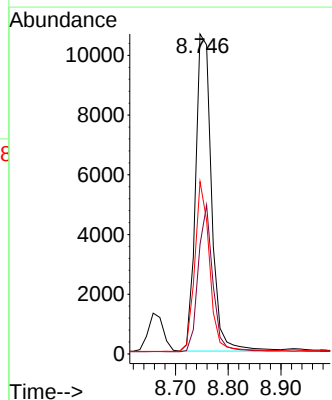
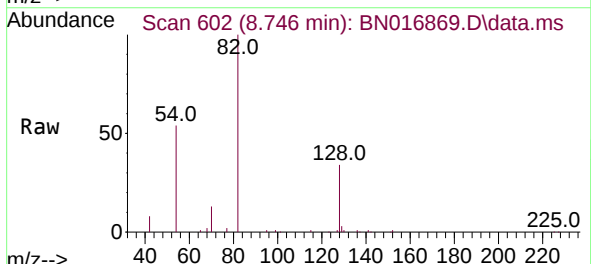
Instrument :  
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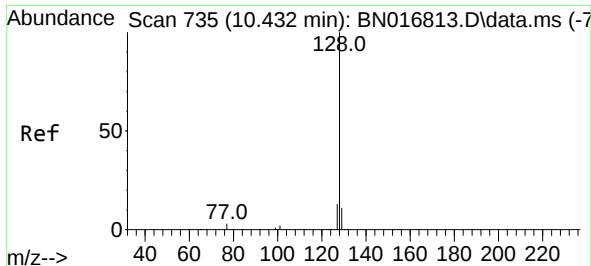
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|-----------|-------|-------|--------|
| Tgt Ion:  | 136   | Resp: | 102619 |
| Ion Ratio | Lower | Upper |        |
| 136       | 100   |       |        |
| 137       | 11.0  | 8.9   | 13.3   |
| 54        | 5.0   | 6.5   | 9.7#   |
| 68        | 4.4   | 5.3   | 7.9#   |



#8  
Nitrobenzene-d5  
Concen: 0.313 ng  
RT: 8.746 min Scan# 602  
Delta R.T. -0.012 min  
Lab File: BN016869.D  
Acq: 09 Oct 2021 07:25

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 82    | Resp: | 22528 |
| Ion Ratio | Lower | Upper |       |
| 82        | 100   |       |       |
| 128       | 34.3  | 33.8  | 50.6  |
| 54        | 53.9  | 38.5  | 57.7  |

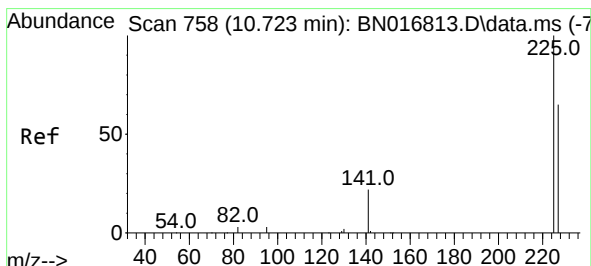
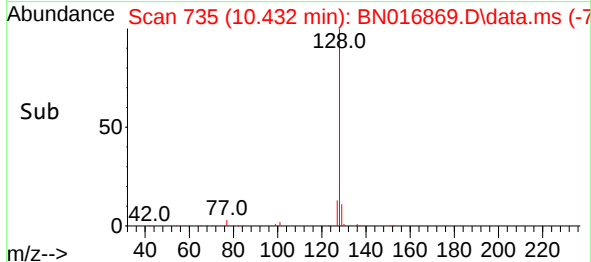
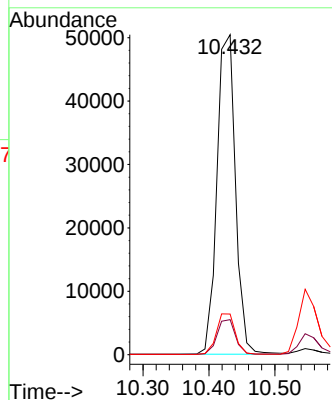
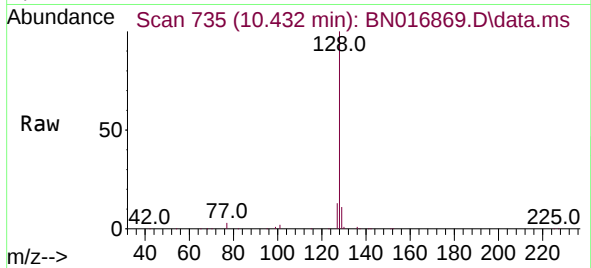




#9  
Naphthalene  
Concen: 0.351 ng  
RT: 10.432 min Scan# 735  
Delta R.T. 0.000 min  
Lab File: BN016869.D  
Acq: 09 Oct 2021 07:25

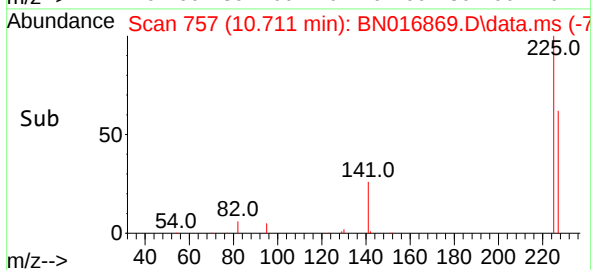
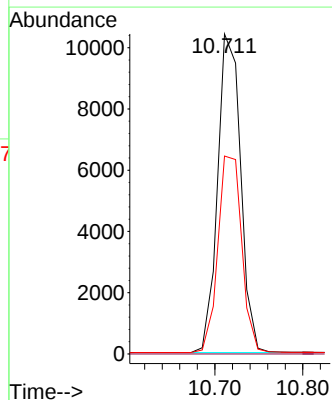
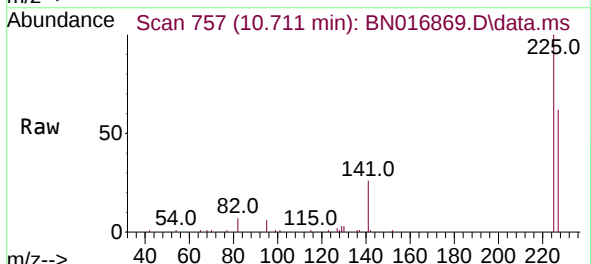
Instrument :  
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ClientSampleId :  
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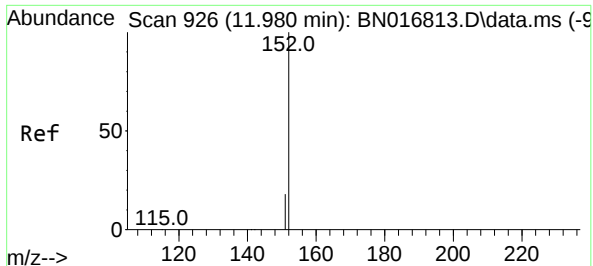
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Ion Ratio Lower Upper  
128 100  
129 11.0 8.7 13.1  
127 12.7 10.3 15.5



#10  
Hexachlorobutadiene  
Concen: 0.355 ng  
RT: 10.711 min Scan# 757  
Delta R.T. -0.012 min  
Lab File: BN016869.D  
Acq: 09 Oct 2021 07:25

Tgt Ion:225 Resp: 18943  
Ion Ratio Lower Upper  
225 100  
223 0.0 0.0 0.0  
227 63.9 51.1 76.7

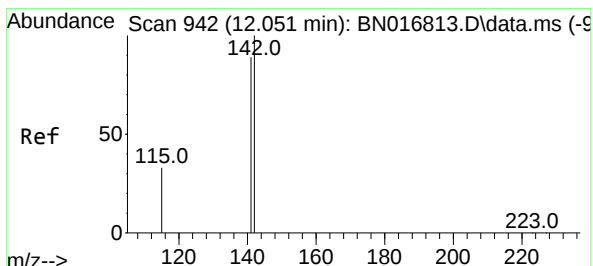
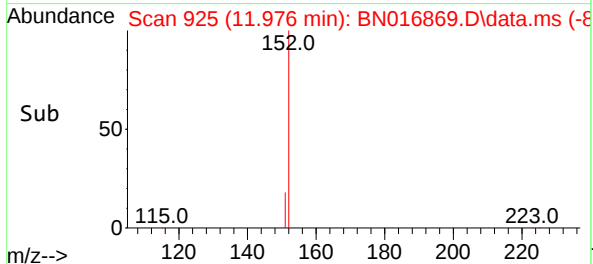
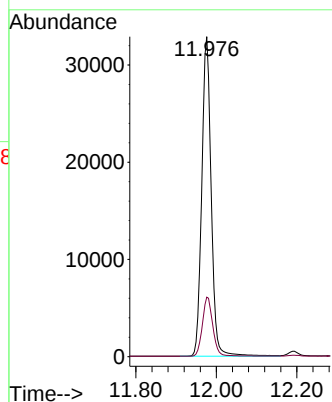
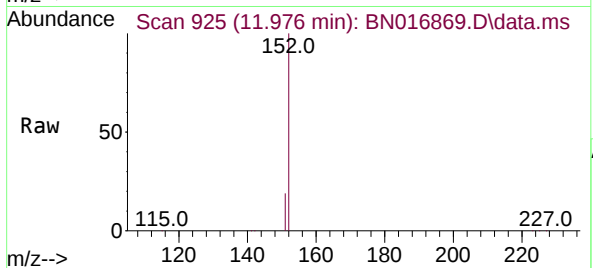




#11  
2-Methylnaphthalene-d10  
Concen: 0.351 ng  
RT: 11.976 min Scan# 925  
Delta R.T. -0.004 min  
Lab File: BN016869.D  
Acq: 09 Oct 2021 07:25

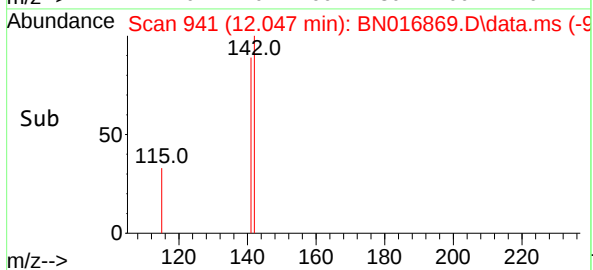
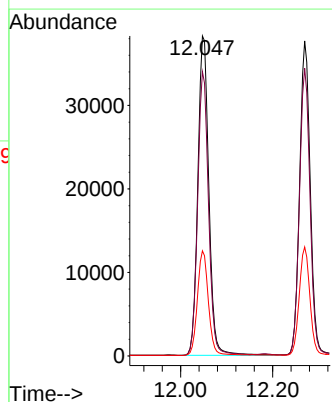
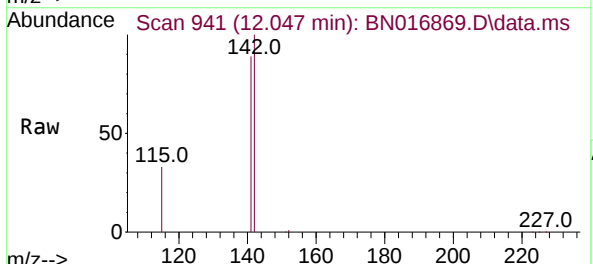
Instrument :  
BNA\_N  
ClientSampleId :  
PB139741BSD

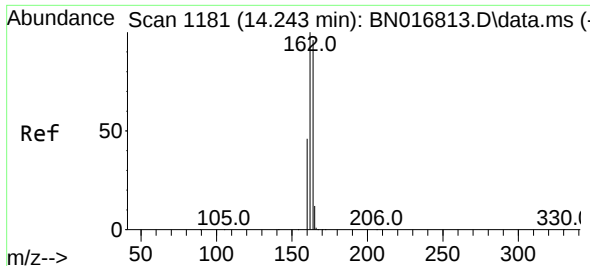
Tgt Ion:152 Resp: 53566  
Ion Ratio Lower Upper  
152 100  
151 20.4 16.2 24.4



#12  
2-Methylnaphthalene  
Concen: 0.356 ng  
RT: 12.047 min Scan# 941  
Delta R.T. -0.004 min  
Lab File: BN016869.D  
Acq: 09 Oct 2021 07:25

Tgt Ion:142 Resp: 63715  
Ion Ratio Lower Upper  
142 100  
141 88.8 70.6 106.0  
115 32.9 26.1 39.1

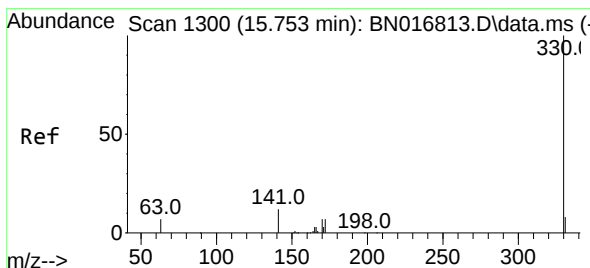
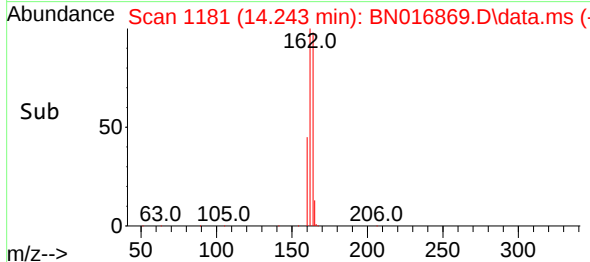
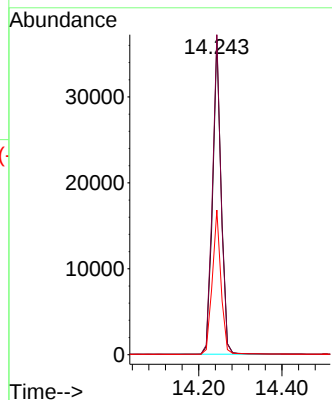
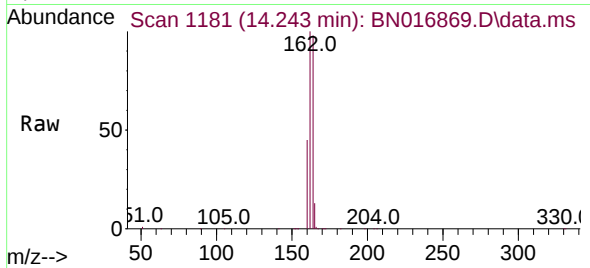




#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.243 min Scan# 1181  
Delta R.T. 0.000 min  
Lab File: BN016869.D  
Acq: 09 Oct 2021 07:25

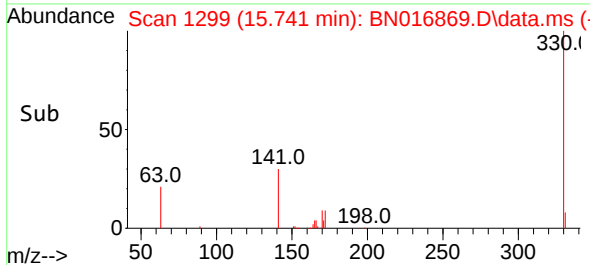
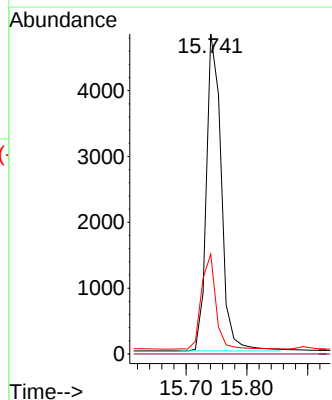
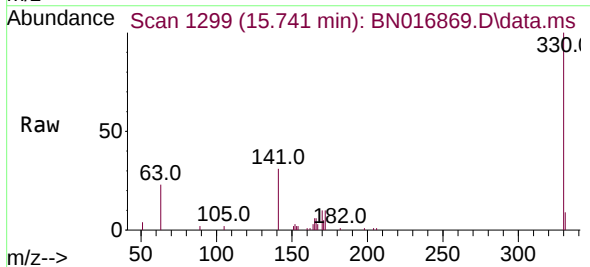
Instrument :  
BNA\_N  
ClientSampleId :  
PB139741BSD

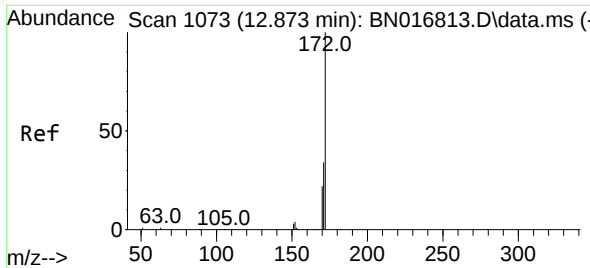
Tgt Ion:164 Resp: 52383  
Ion Ratio Lower Upper  
164 100  
162 101.6 82.6 124.0  
160 45.9 38.2 57.2



#14  
2,4,6-Tribromophenol  
Concen: 0.303 ng  
RT: 15.741 min Scan# 1299  
Delta R.T. -0.012 min  
Lab File: BN016869.D  
Acq: 09 Oct 2021 07:25

Tgt Ion:330 Resp: 8223  
Ion Ratio Lower Upper  
330 100  
332 0.0 0.0 0.0  
141 29.1 24.2 36.2

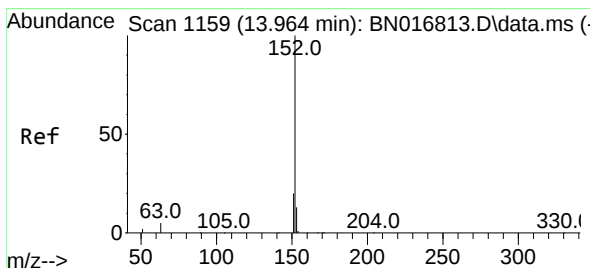
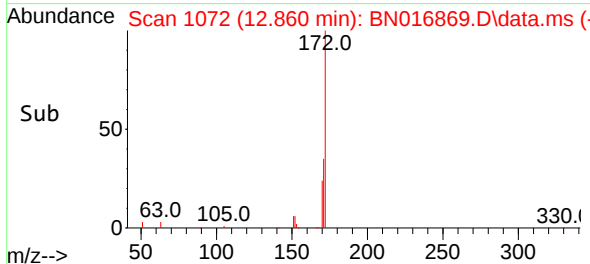
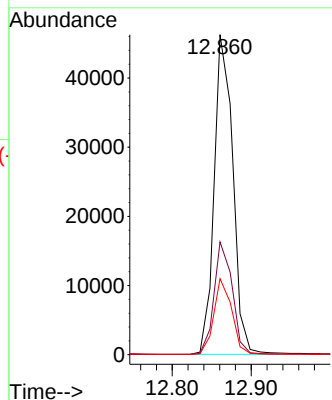
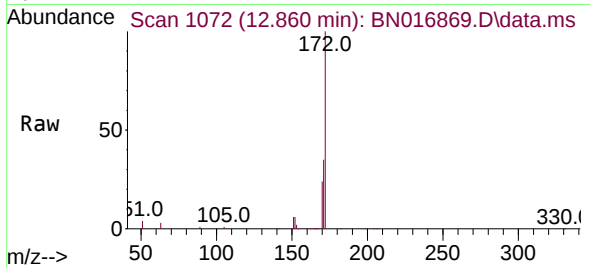




#15  
2-Fluorobiphenyl  
Concen: 0.359 ng  
RT: 12.860 min Scan# 1072  
Delta R.T. -0.012 min  
Lab File: BN016869.D  
Acq: 09 Oct 2021 07:25

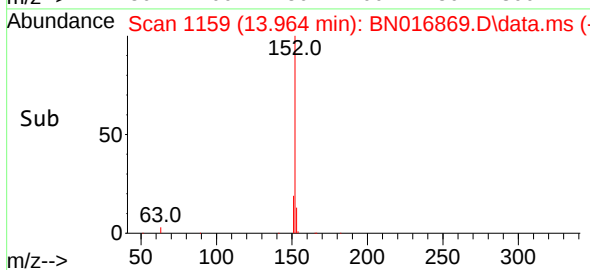
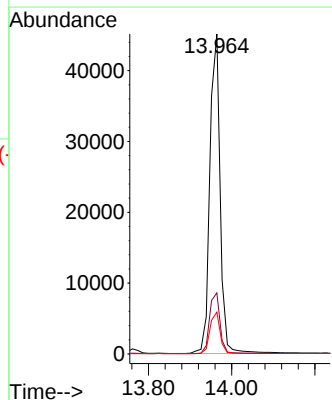
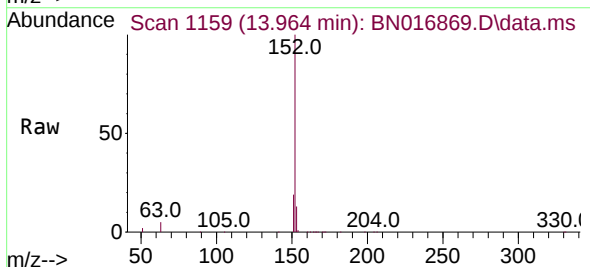
Instrument :  
BNA\_N  
ClientSampleId :  
PB139741BSD

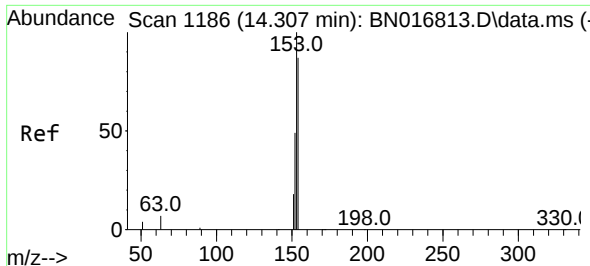
Tgt Ion:172 Resp: 75877  
Ion Ratio Lower Upper  
172 100  
171 35.3 26.9 40.3  
170 23.7 17.4 26.0



#16  
Acenaphthylene  
Concen: 0.335 ng  
RT: 13.964 min Scan# 1159  
Delta R.T. 0.000 min  
Lab File: BN016869.D  
Acq: 09 Oct 2021 07:25

Tgt Ion:152 Resp: 77506  
Ion Ratio Lower Upper  
152 100  
151 19.5 15.5 23.3  
153 12.9 10.4 15.6

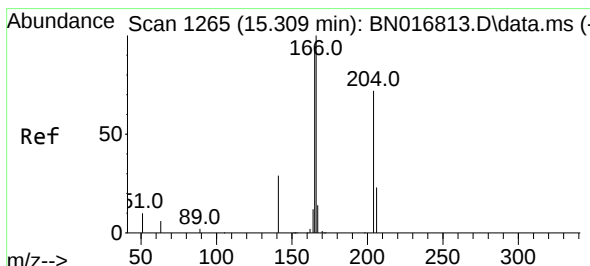
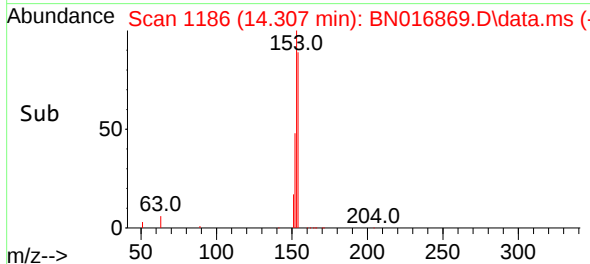
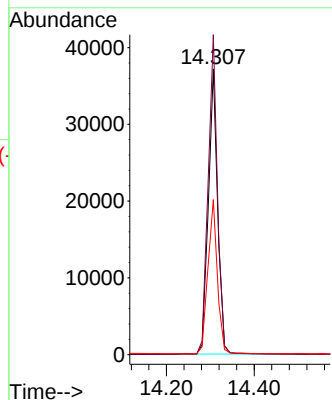
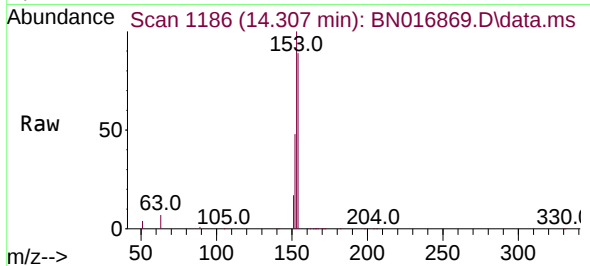




#17  
Acenaphthene  
Concen: 0.354 ng  
RT: 14.307 min Scan# 1186  
Delta R.T. 0.000 min  
Lab File: BN016869.D  
Acq: 09 Oct 2021 07:25

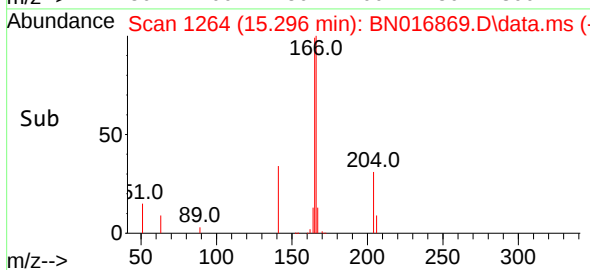
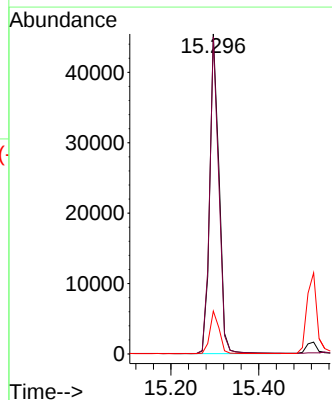
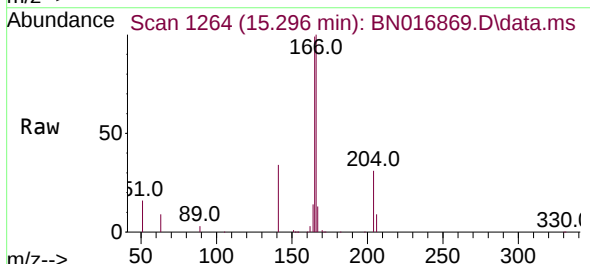
Instrument :  
BNA\_N  
ClientSampleId :  
PB139741BSD

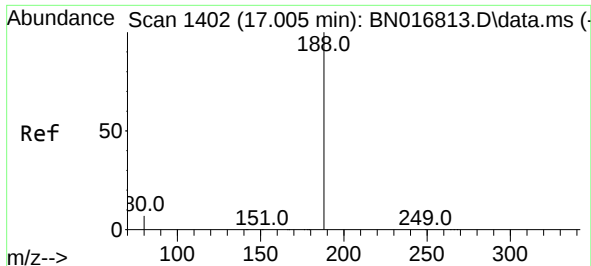
Tgt Ion:154 Resp: 54412  
Ion Ratio Lower Upper  
154 100  
153 112.7 90.1 135.1  
152 55.1 43.6 65.4



#18  
Fluorene  
Concen: 0.356 ng  
RT: 15.296 min Scan# 1264  
Delta R.T. 0.000 min  
Lab File: BN016869.D  
Acq: 09 Oct 2021 07:25

Tgt Ion:166 Resp: 66449  
Ion Ratio Lower Upper  
166 100  
165 97.7 78.1 117.1  
167 13.5 10.7 16.1

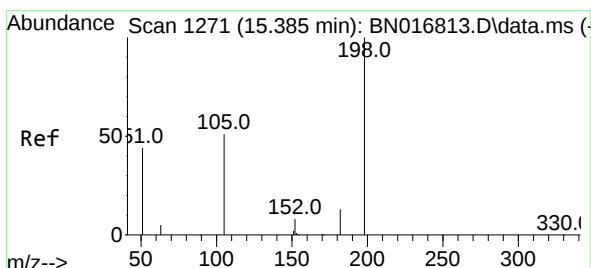
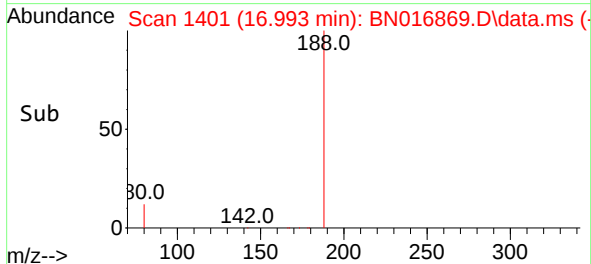
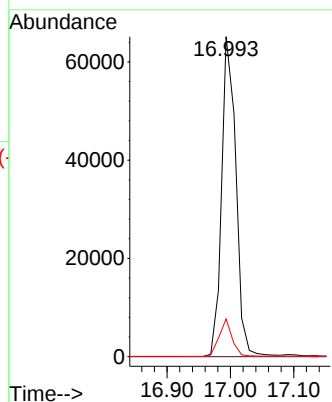
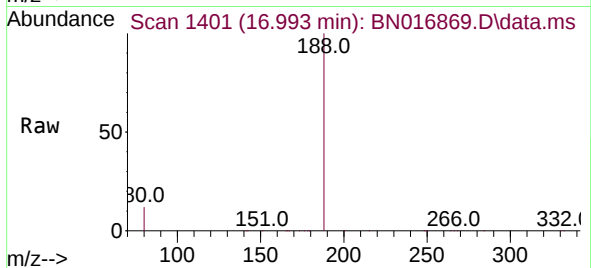




#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 16.993 min Scan# 1401  
Delta R.T. -0.012 min  
Lab File: BN016869.D  
Acq: 09 Oct 2021 07:25

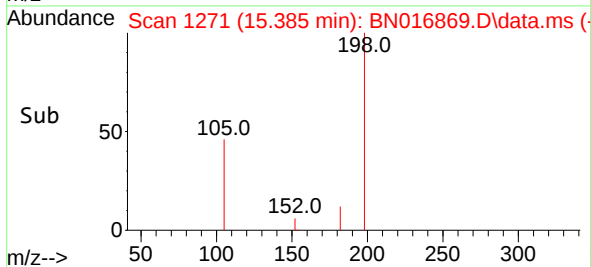
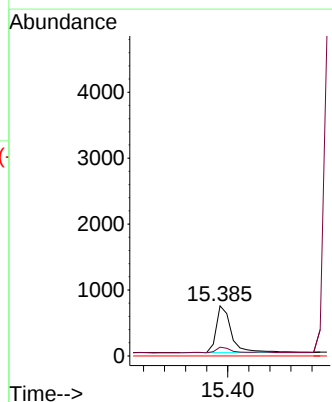
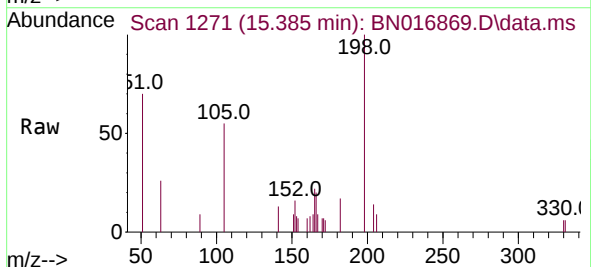
Instrument :  
BNA\_N  
ClientSampleId :  
PB139741BSD

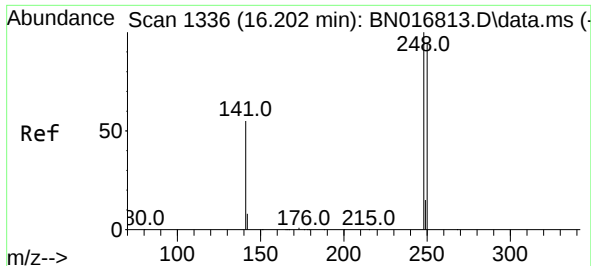
Tgt Ion:188 Resp: 101533  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 11.8 5.8 8.8#



#20  
4,6-Dinitro-2-methylphenol  
Concen: 0.258 ng  
RT: 15.385 min Scan# 1271  
Delta R.T. 0.000 min  
Lab File: BN016869.D  
Acq: 09 Oct 2021 07:25

Tgt Ion:198 Resp: 1402  
Ion Ratio Lower Upper  
198 100  
182 17.4 26.2 39.2#  
77 0.0 0.0 0.0

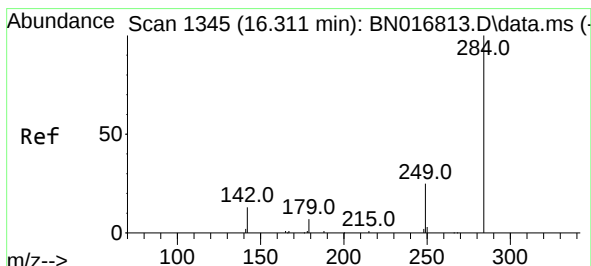
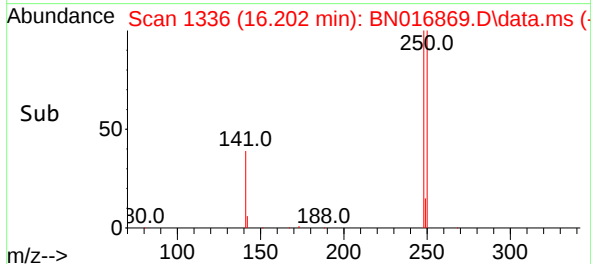
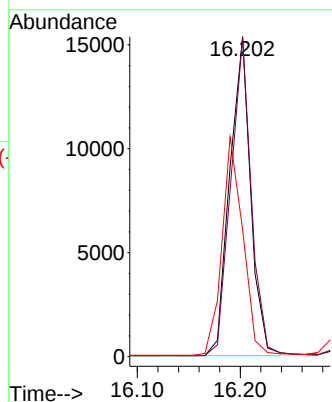
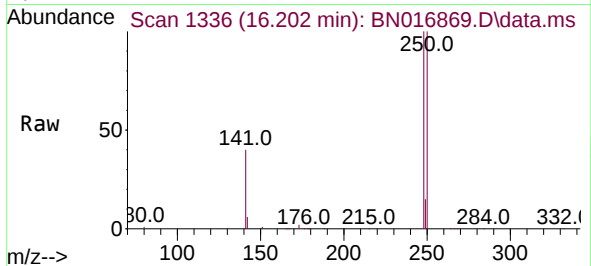




#21  
4-Bromophenyl-phenylether  
Concen: 0.342 ng  
RT: 16.202 min Scan# 1336  
Delta R.T. 0.000 min  
Lab File: BN016869.D  
Acq: 09 Oct 2021 07:25

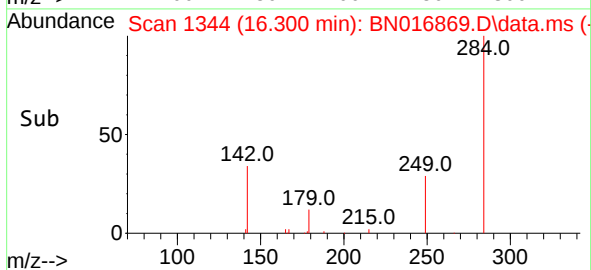
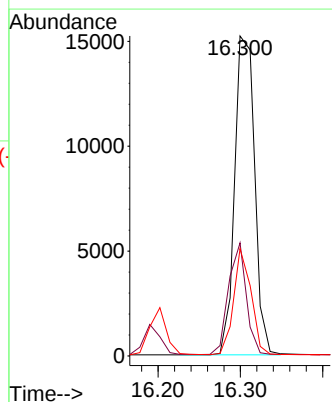
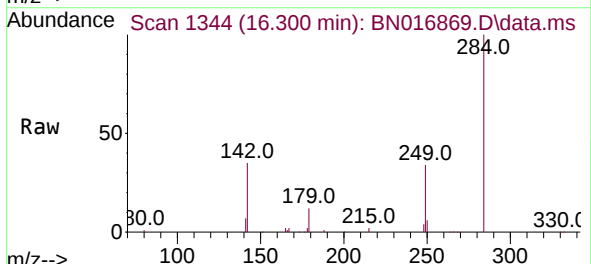
Instrument :  
BNA\_N  
ClientSampleId :  
PB139741BSD

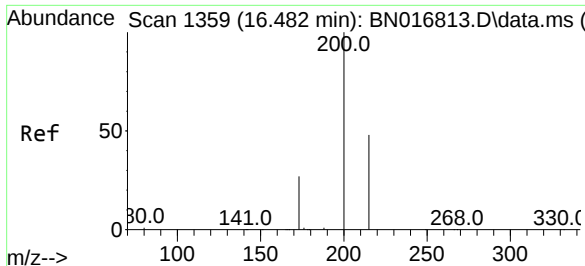
Tgt Ion:248 Resp: 21650  
Ion Ratio Lower Upper  
248 100  
250 100.0 76.2 114.4  
141 39.7 45.6 68.4#



#22  
Hexachlorobenzene  
Concen: 0.355 ng  
RT: 16.300 min Scan# 1344  
Delta R.T. -0.012 min  
Lab File: BN016869.D  
Acq: 09 Oct 2021 07:25

Tgt Ion:284 Resp: 25626  
Ion Ratio Lower Upper  
284 100  
142 31.1 25.8 38.6  
249 29.0 23.3 34.9

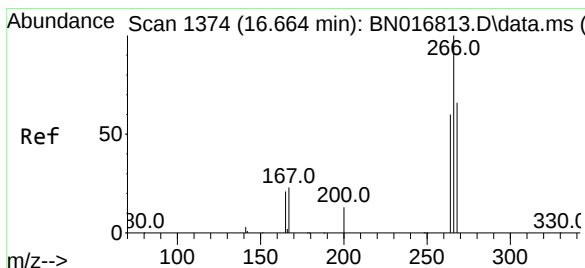
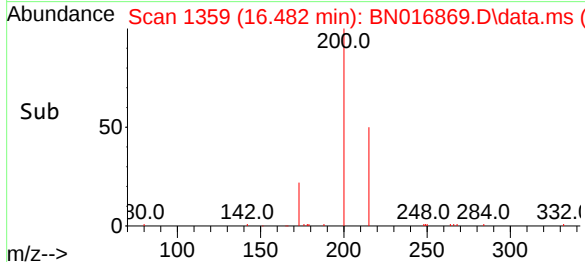
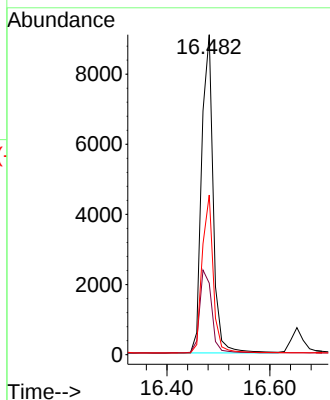
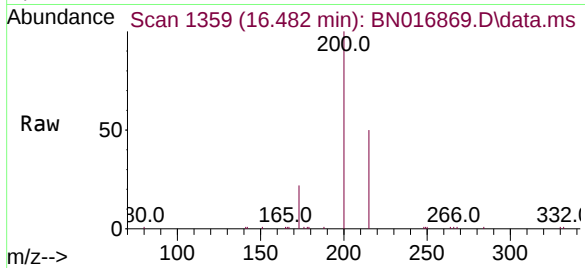




#23  
Atrazine  
Concen: 0.282 ng  
RT: 16.482 min Scan# 1359  
Delta R.T. 0.000 min  
Lab File: BN016869.D  
Acq: 09 Oct 2021 07:25

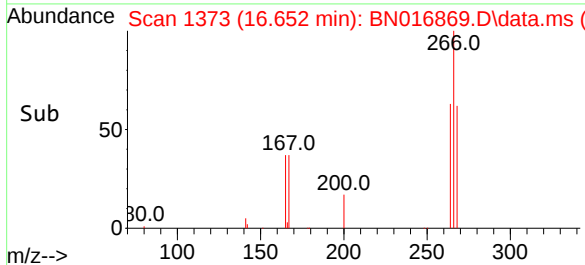
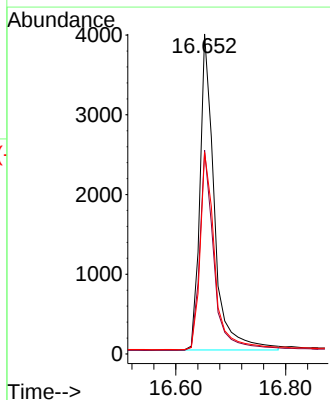
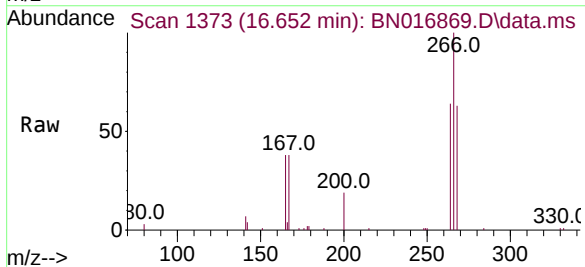
Instrument :  
BNA\_N  
ClientSampleId :  
PB139741BSD

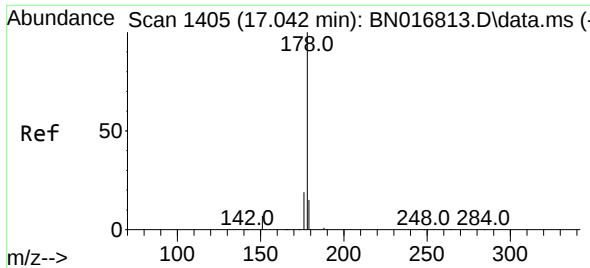
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 200   | Resp: | 14144 |
| Ion Ratio | Lower | Upper |       |
| 200       | 100   |       |       |
| 173       | 22.4  | 20.1  | 30.1  |
| 215       | 49.9  | 38.8  | 58.2  |



#24  
Pentachlorophenol  
Concen: 0.316 ng  
RT: 16.652 min Scan# 1373  
Delta R.T. 0.000 min  
Lab File: BN016869.D  
Acq: 09 Oct 2021 07:25

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 266   | Resp: | 7247 |
| Ion Ratio | Lower | Upper |      |
| 266       | 100   |       |      |
| 264       | 62.6  | 49.3  | 73.9 |
| 268       | 63.6  | 51.8  | 77.8 |

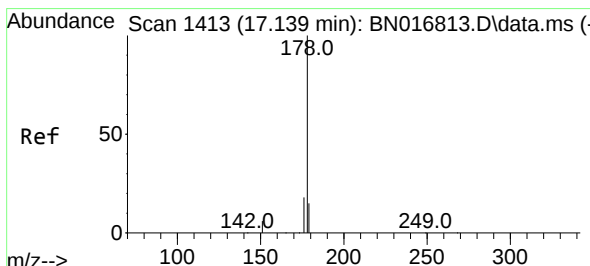
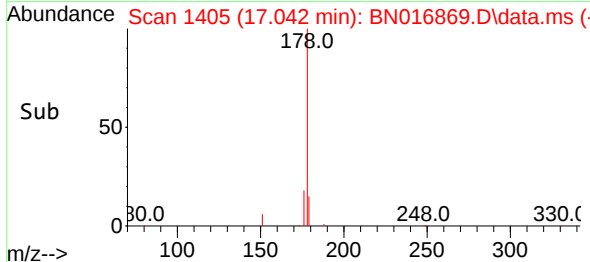
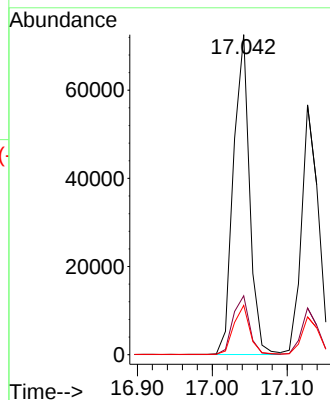
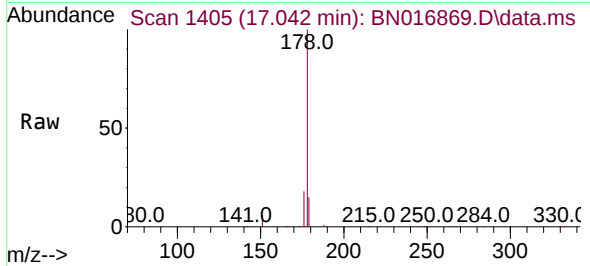




#25  
Phenanthrene  
Concen: 0.360 ng  
RT: 17.042 min Scan# 1405  
Delta R.T. 0.000 min  
Lab File: BN016869.D  
Acq: 09 Oct 2021 07:25

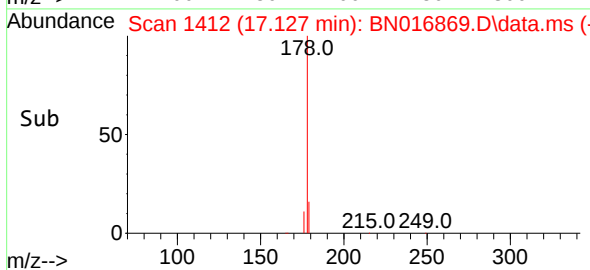
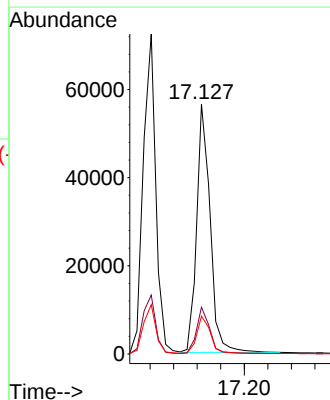
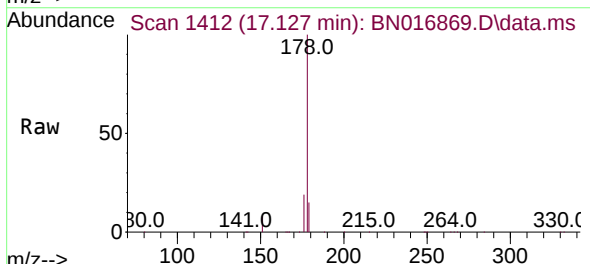
Instrument :  
BNA\_N  
ClientSampleId :  
PB139741BSD

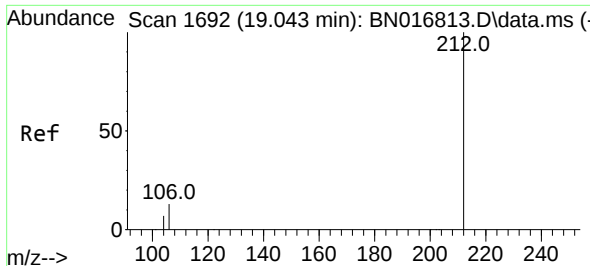
Tgt Ion:178 Resp: 108514  
Ion Ratio Lower Upper  
178 100  
176 18.8 15.0 22.6  
179 15.4 12.4 18.6



#26  
Anthracene  
Concen: 0.335 ng  
RT: 17.127 min Scan# 1412  
Delta R.T. 0.000 min  
Lab File: BN016869.D  
Acq: 09 Oct 2021 07:25

Tgt Ion:178 Resp: 89787  
Ion Ratio Lower Upper  
178 100  
176 18.3 14.5 21.7  
179 15.2 12.2 18.4

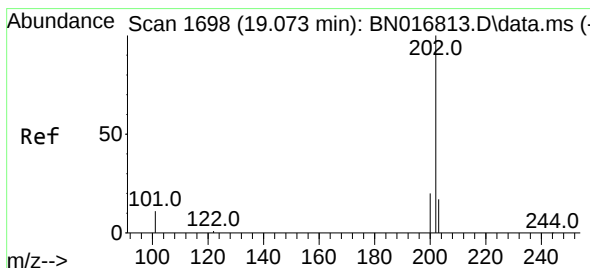
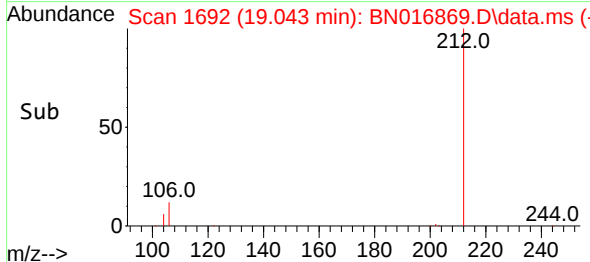
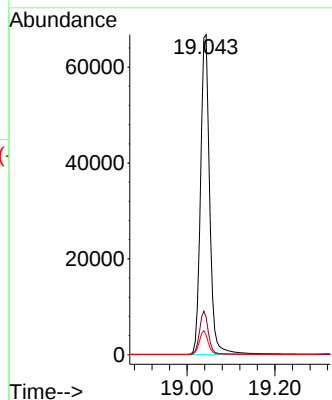
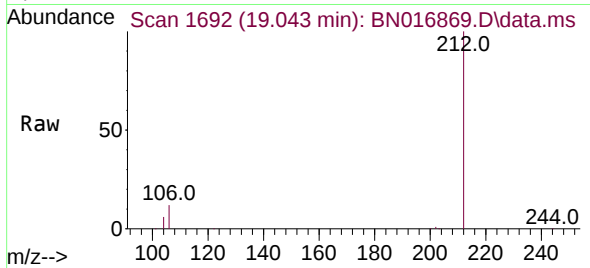




#27  
Fluoranthene-d10  
Concen: 0.341 ng  
RT: 19.043 min Scan# 1692  
Delta R.T. 0.000 min  
Lab File: BN016869.D  
Acq: 09 Oct 2021 07:25

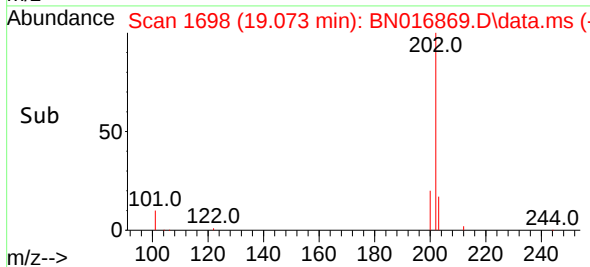
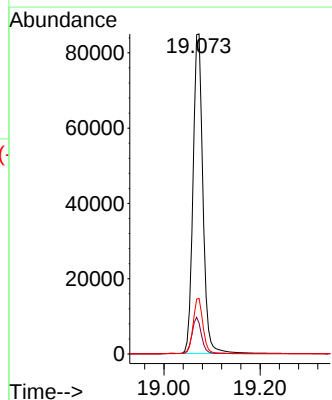
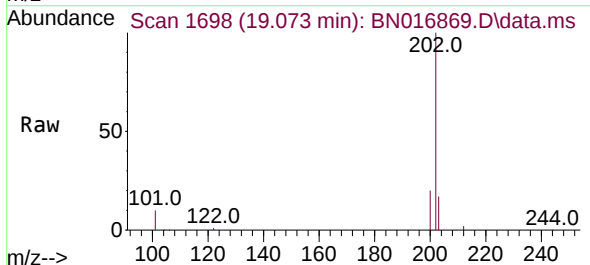
Instrument :  
BNA\_N  
ClientSampleId :  
PB139741BSD

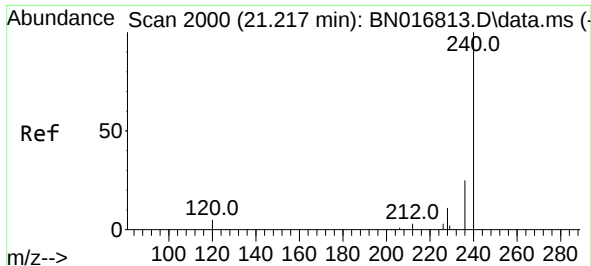
Tgt Ion:212 Resp: 96318  
Ion Ratio Lower Upper  
212 100  
106 13.3 10.6 16.0  
104 7.3 5.8 8.8



#28  
Fluoranthene  
Concen: 0.360 ng  
RT: 19.073 min Scan# 1698  
Delta R.T. 0.000 min  
Lab File: BN016869.D  
Acq: 09 Oct 2021 07:25

Tgt Ion:202 Resp: 121978  
Ion Ratio Lower Upper  
202 100  
101 11.2 8.9 13.3  
203 17.3 13.8 20.8

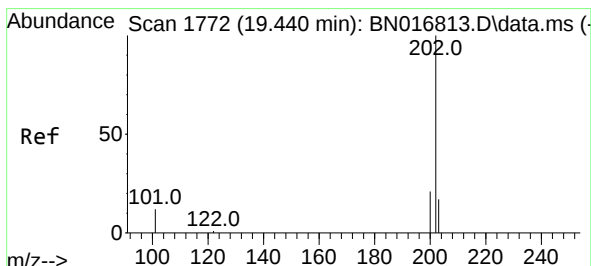
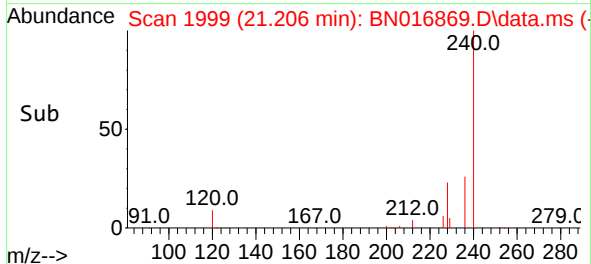
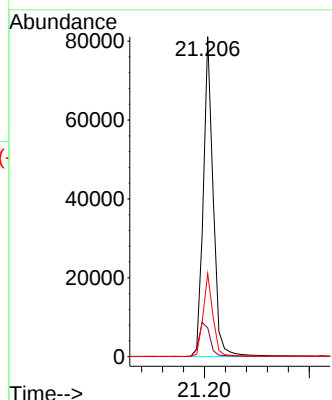
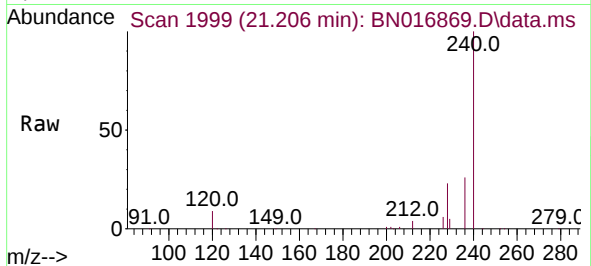




#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.206 min Scan# 1999  
Delta R.T. 0.000 min  
Lab File: BN016869.D  
Acq: 09 Oct 2021 07:25

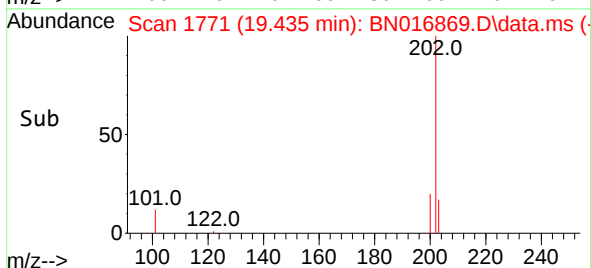
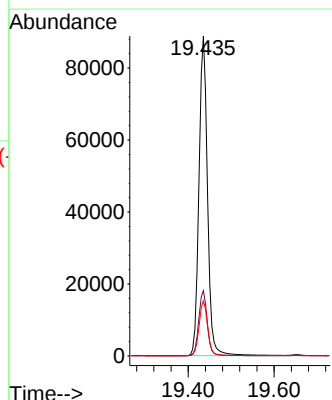
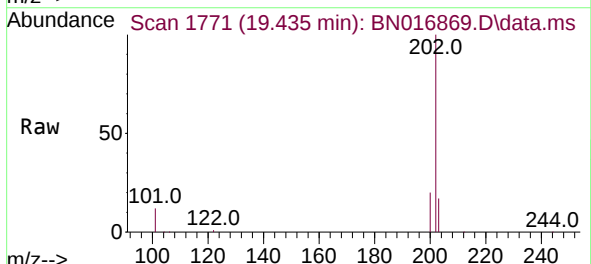
Instrument :  
BNA\_N  
ClientSampleId :  
PB139741BSD

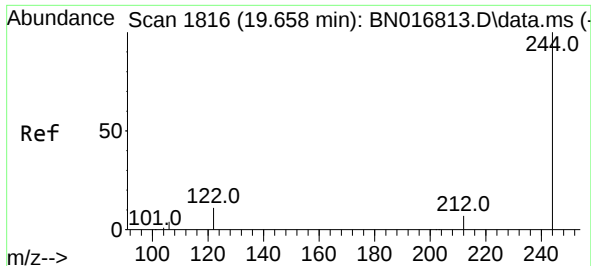
Tgt Ion:240 Resp: 105764  
Ion Ratio Lower Upper  
240 100  
120 9.0 6.6 10.0  
236 26.0 20.7 31.1



#30  
Pyrene  
Concen: 0.376 ng  
RT: 19.435 min Scan# 1771  
Delta R.T. 0.000 min  
Lab File: BN016869.D  
Acq: 09 Oct 2021 07:25

Tgt Ion:202 Resp: 122324  
Ion Ratio Lower Upper  
202 100  
200 20.5 16.5 24.7  
203 17.4 13.9 20.9

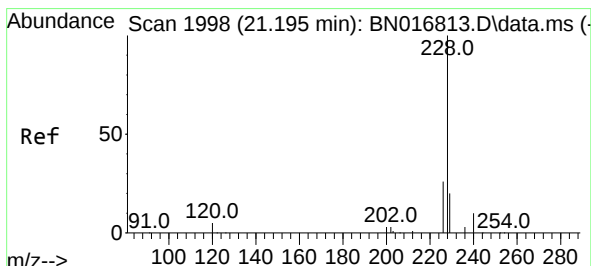
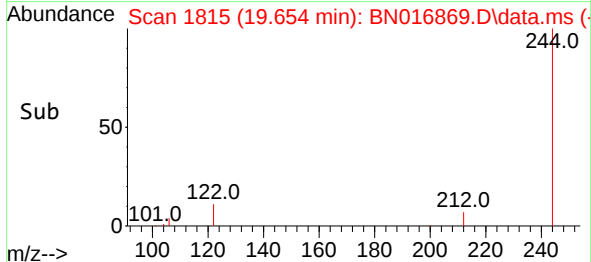
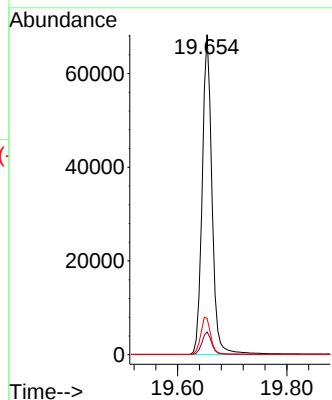
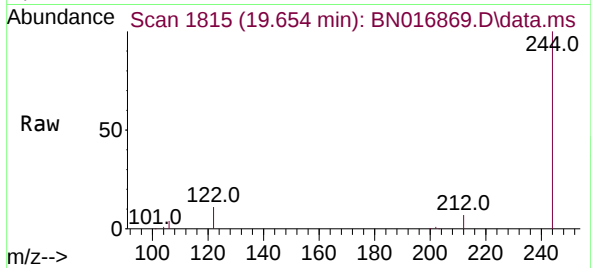




#31  
Terphenyl-d14  
Concen: 0.370 ng  
RT: 19.654 min Scan# 1815  
Delta R.T. -0.005 min  
Lab File: BN016869.D  
Acq: 09 Oct 2021 07:25

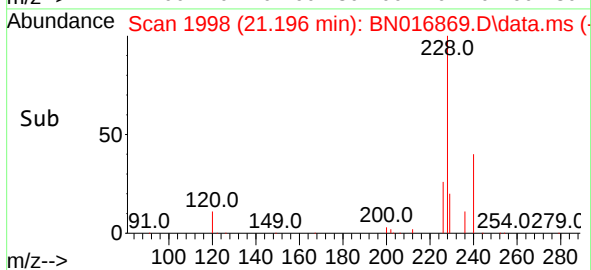
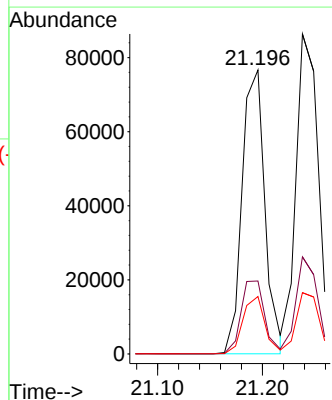
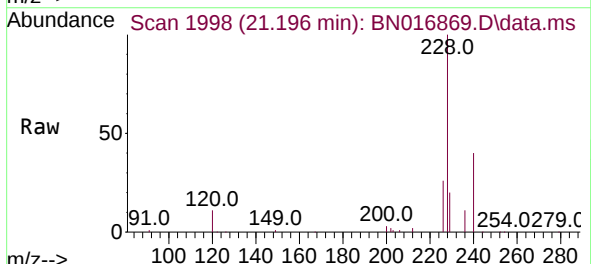
Instrument :  
BNA\_N  
ClientSampleId :  
PB139741BSD

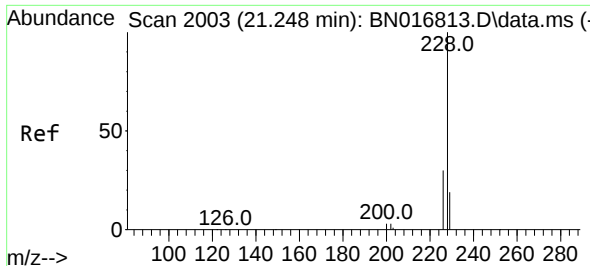
Tgt Ion:244 Resp: 85275  
Ion Ratio Lower Upper  
244 100  
212 7.1 5.8 8.6  
122 11.3 8.9 13.3



#32  
Benzo(a)anthracene  
Concen: 0.353 ng  
RT: 21.196 min Scan# 1998  
Delta R.T. 0.000 min  
Lab File: BN016869.D  
Acq: 09 Oct 2021 07:25

Tgt Ion:228 Resp: 115573  
Ion Ratio Lower Upper  
228 100  
226 25.7 22.3 33.5  
229 20.2 15.4 23.0

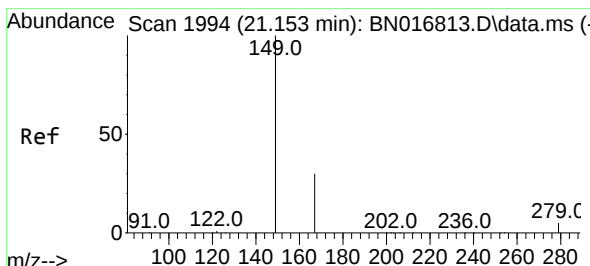
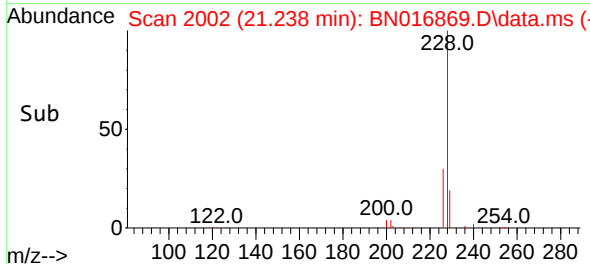
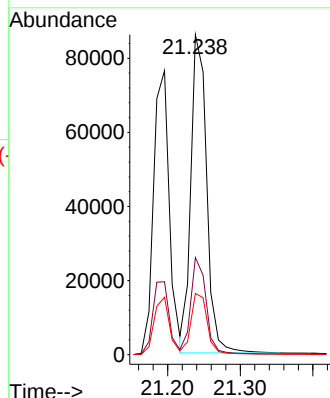
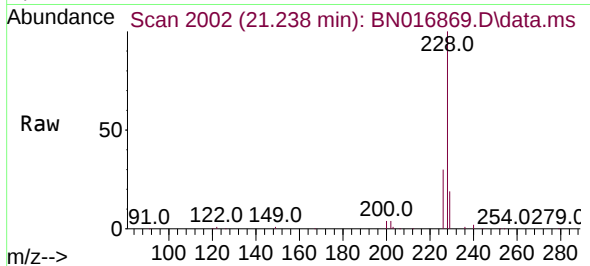




#33  
Chrysene  
Concen: 0.390 ng  
RT: 21.238 min Scan# 2002  
Delta R.T. -0.010 min  
Lab File: BN016869.D  
Acq: 09 Oct 2021 07:25

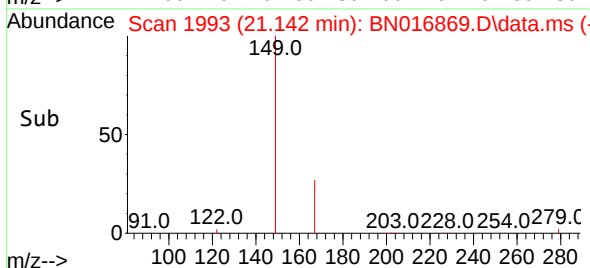
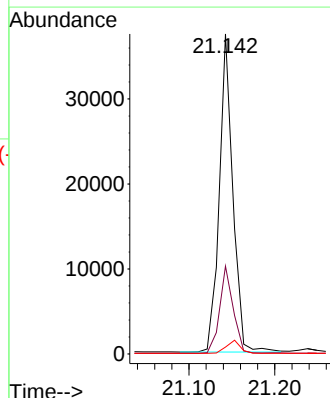
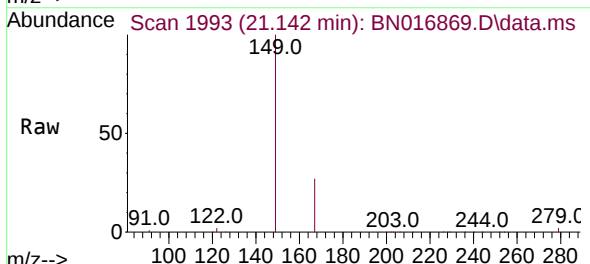
Instrument :  
BNA\_N  
ClientSampleId :  
PB139741BSD

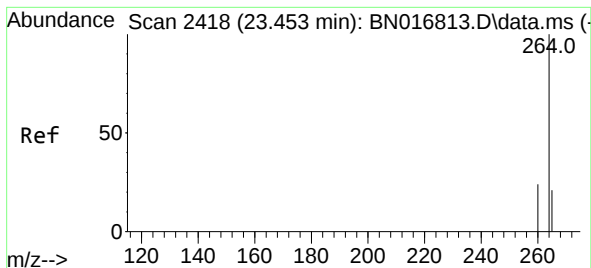
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 228   | Resp: | 129858 |
| Ion Ratio | Lower | Upper |        |
| 228       | 100   |       |        |
| 226       | 30.4  | 24.2  | 36.4   |
| 229       | 19.2  | 15.4  | 23.0   |



#34  
Bis(2-ethylhexyl)phthalate  
Concen: 0.246 ng  
RT: 21.142 min Scan# 1993  
Delta R.T. -0.010 min  
Lab File: BN016869.D  
Acq: 09 Oct 2021 07:25

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 149   | Resp: | 40924 |
| Ion Ratio | Lower | Upper |       |
| 149       | 100   |       |       |
| 167       | 27.5  | 22.2  | 33.4  |
| 279       | 4.3   | 3.4   | 5.2   |





#35

Perylene-d12

Concen: 0.400 ng

RT: 23.447 min Scan# 2416

Delta R.T. -0.006 min

Lab File: BN016869.D

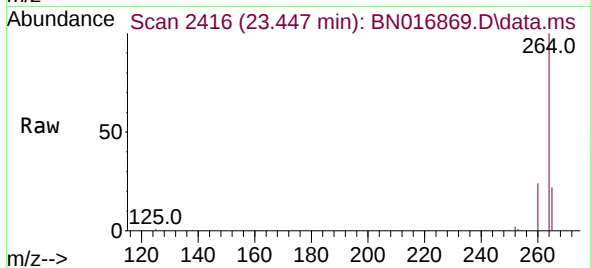
Acq: 09 Oct 2021 07:25

Instrument :

BNA\_N

ClientSampleId :

PB139741BSD



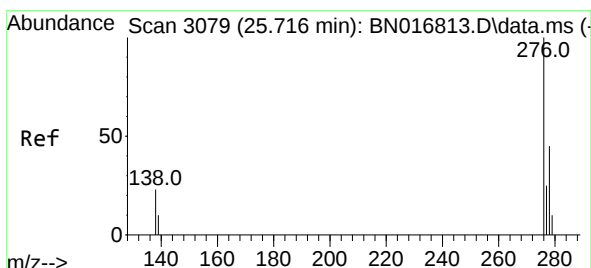
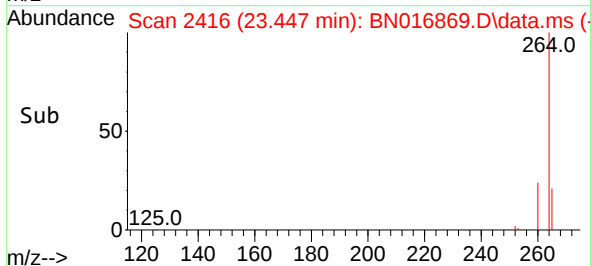
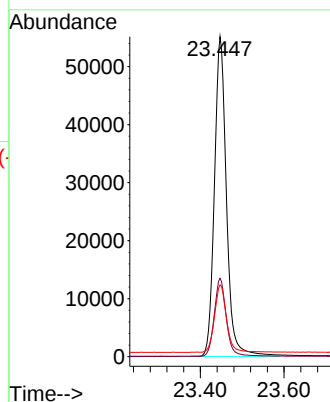
Tgt Ion:264 Resp: 109492

Ion Ratio Lower Upper

264 100

260 24.5 19.8 29.6

265 22.4 20.3 30.5



#36

Indeno(1,2,3-cd)pyrene

Concen: 0.345 ng

RT: 25.709 min Scan# 3077

Delta R.T. -0.006 min

Lab File: BN016869.D

Acq: 09 Oct 2021 07:25

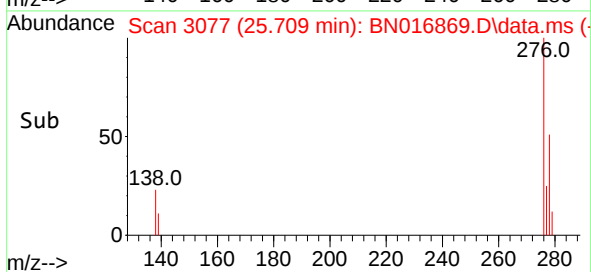
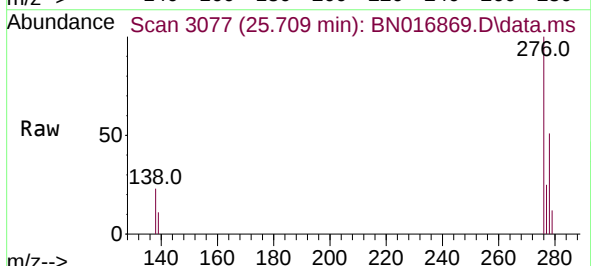
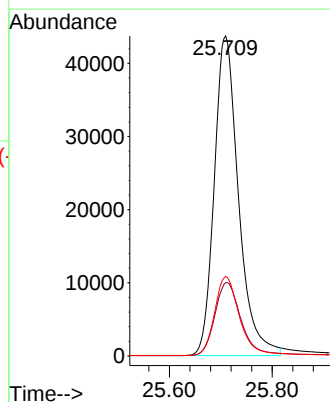
Tgt Ion:276 Resp: 143194

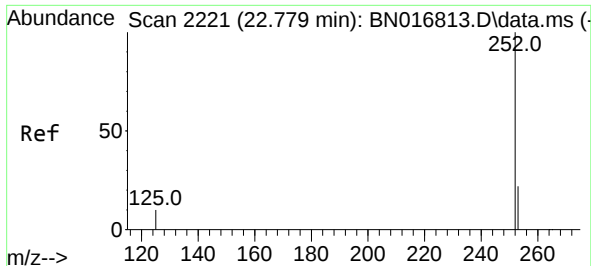
Ion Ratio Lower Upper

276 100

138 24.3 19.2 28.8

277 25.2 20.0 30.0

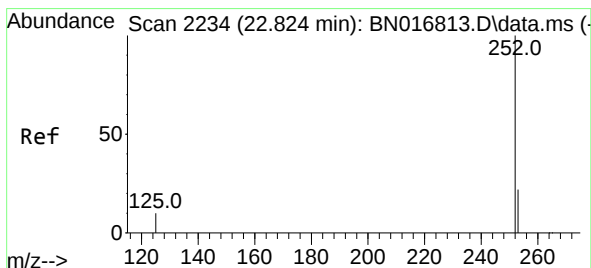
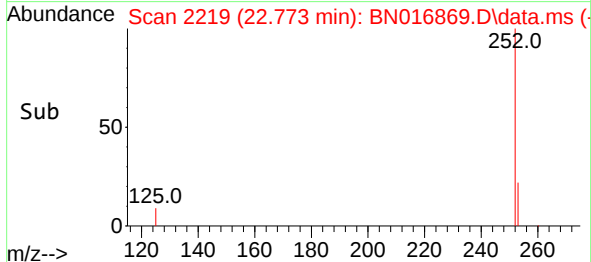
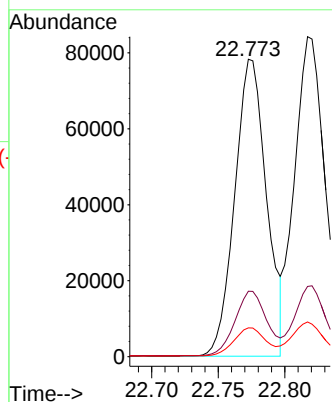
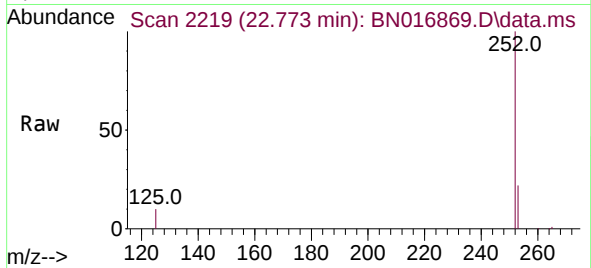




#37  
Benzo(b)fluoranthene  
Concen: 0.375 ng  
RT: 22.773 min Scan# 2219  
Delta R.T. -0.006 min  
Lab File: BN016869.D  
Acq: 09 Oct 2021 07:25

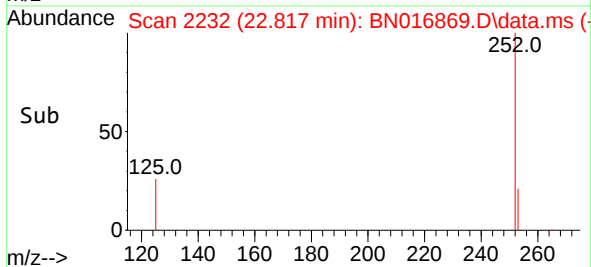
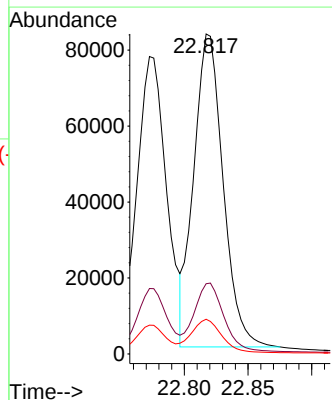
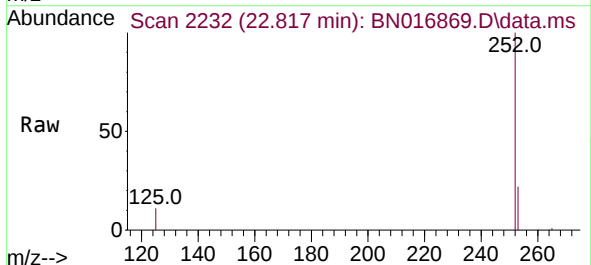
Instrument :  
BNA\_N  
ClientSampleId :  
PB139741BSD

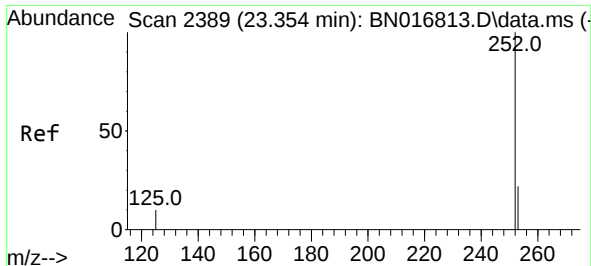
Tgt Ion:252 Resp: 129811  
Ion Ratio Lower Upper  
252 100  
253 22.0 17.8 26.8  
125 9.7 8.3 12.5



#38  
Benzo(k)fluoranthene  
Concen: 0.392 ng  
RT: 22.817 min Scan# 2232  
Delta R.T. -0.006 min  
Lab File: BN016869.D  
Acq: 09 Oct 2021 07:25

Tgt Ion:252 Resp: 132118  
Ion Ratio Lower Upper  
252 100  
253 22.0 17.8 26.8  
125 10.9 8.5 12.7

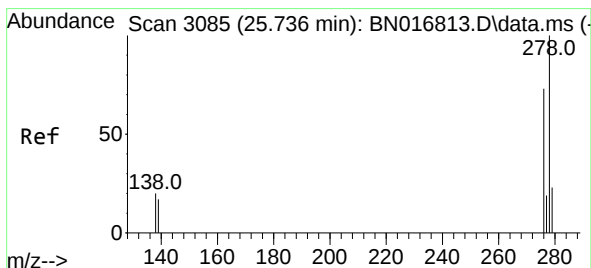
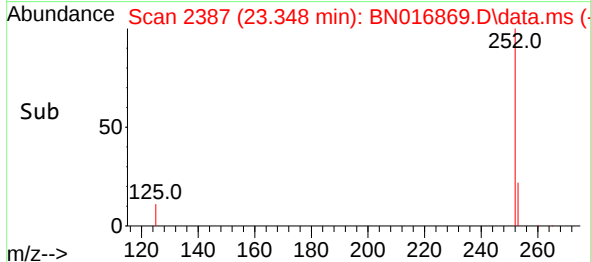
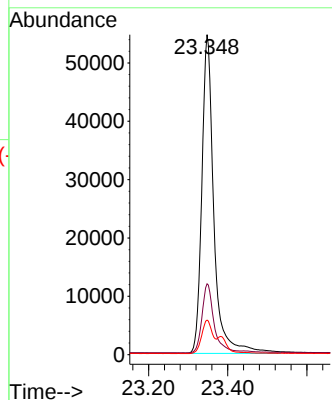
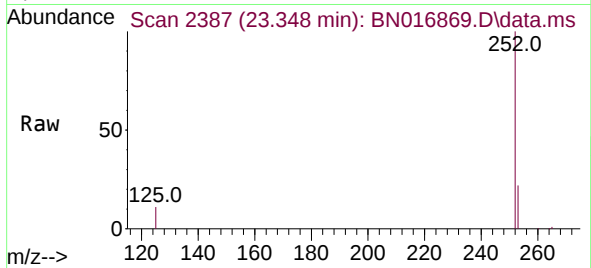




#39  
Benzo(a)pyrene  
Concen: 0.364 ng  
RT: 23.348 min Scan# 2387  
Delta R.T. -0.006 min  
Lab File: BN016869.D  
Acq: 09 Oct 2021 07:25

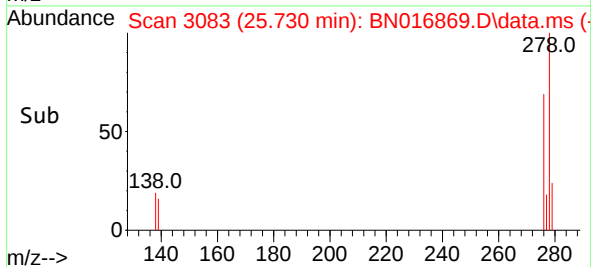
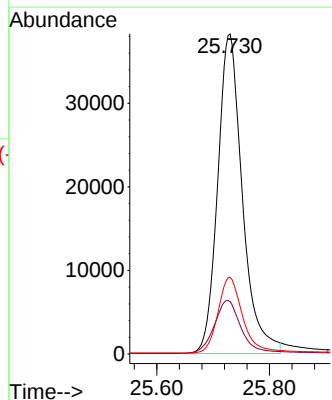
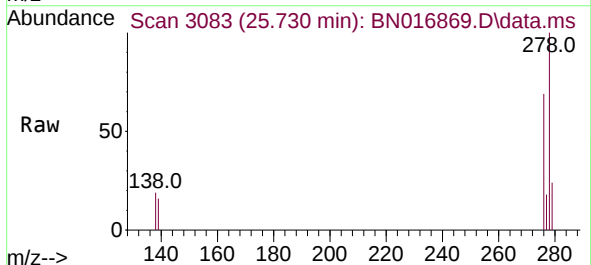
Instrument :  
BNA\_N  
ClientSampleId :  
PB139741BSD

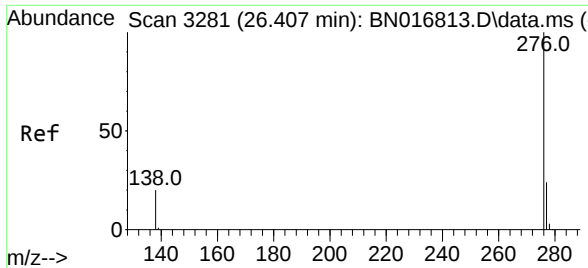
Tgt Ion:252 Resp: 115360  
Ion Ratio Lower Upper  
252 100  
253 22.2 17.9 26.9  
125 10.8 9.4 14.2



#40  
Dibenzo(a,h)anthracene  
Concen: 0.342 ng  
RT: 25.730 min Scan# 3083  
Delta R.T. -0.010 min  
Lab File: BN016869.D  
Acq: 09 Oct 2021 07:25

Tgt Ion:278 Resp: 116039  
Ion Ratio Lower Upper  
278 100  
139 16.4 13.1 19.7  
279 23.9 19.3 28.9





#41  
Benzo(g,h,i)perylene  
Concen: 0.337 ng  
RT: 26.397 min Scan# 3278  
Delta R.T. -0.010 min  
Lab File: BN016869.D  
Acq: 09 Oct 2021 07:25

Instrument :  
BNA\_N  
ClientSampleId :  
PB139741BSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 276   | Resp: | 121441 |
| Ion Ratio | Lower | Upper |        |
| 276       | 100   |       |        |
| 277       | 23.9  | 19.0  | 28.4   |
| 138       | 20.7  | 17.0  | 25.6   |

