

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN091721\  
 Data File : BN016321.D  
 Acq On : 18 Sep 2021 06:44  
 Operator : CG/JU  
 Sample : PB139177BSD  
 Misc :  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB139177BSD

Quant Time: Sep 18 07:13:34 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN091721.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Sep 17 23:59:14 2021  
 Response via : Initial Calibration

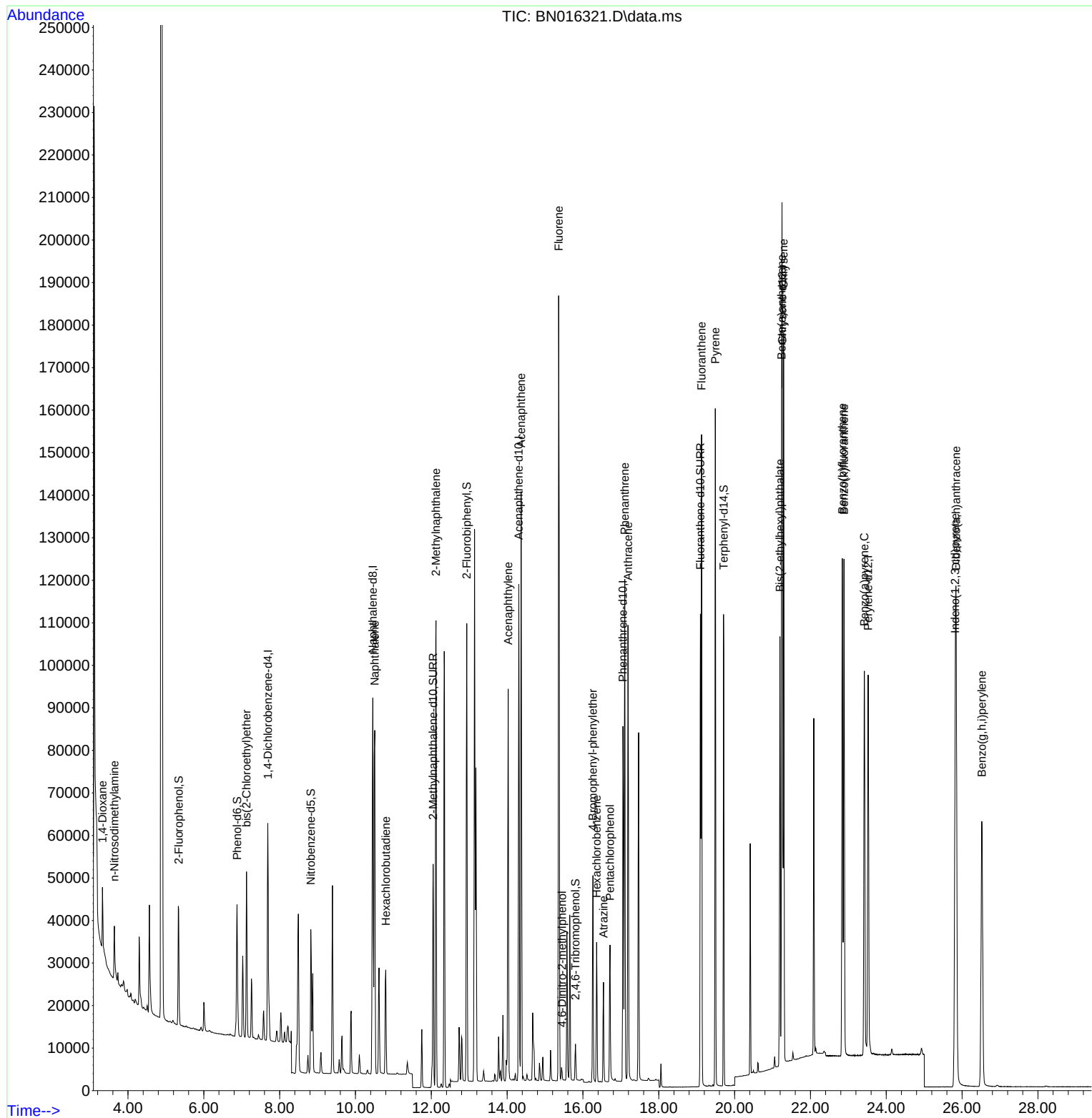
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.688  | 152  | 25754    | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.457 | 136  | 118933   | 0.400 | ng    | 0.00     |
| 13) Acenaphthene-d10          | 14.307 | 164  | 64310    | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.054 | 188  | 118384   | 0.400 | ng    | #-0.01   |
| 29) Chrysene-d12              | 21.259 | 240  | 119529   | 0.400 | ng    | 0.00     |
| 35) Perylene-d12              | 23.522 | 264  | 116322   | 0.400 | ng    | 0.00     |
|                               |        |      |          |       |       |          |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.337  | 112  | 24178    | 0.374 | ng    | 0.04     |
| 5) Phenol-d6                  | 6.877  | 99   | 27777    | 0.355 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 8.822  | 82   | 26048    | 0.369 | ng    | -0.01    |
| 11) 2-Methylnaphthalene-d10   | 12.047 | 152  | 75696    | 0.404 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.804 | 330  | 6047     | 0.320 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 12.937 | 172  | 92994    | 0.370 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.098 | 212  | 125150   | 0.365 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.708 | 244  | 108880   | 0.393 | ng    | 0.00     |
|                               |        |      |          |       |       |          |
| Target Compounds              |        |      |          |       |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.327  | 88   | 7120     | 0.665 | ng    | # 90     |
| 3) n-Nitrosodimethylamine     | 3.641  | 42   | 9897     | 0.404 | ng    | # 75     |
| 6) bis(2-Chloroethyl)ether    | 7.126  | 93   | 27884    | 0.400 | ng    | 94       |
| 9) Naphthalene                | 10.508 | 128  | 115626   | 0.361 | ng    | 100      |
| 10) Hexachlorobutadiene       | 10.800 | 225  | 21908    | 0.360 | ng    | # 99     |
| 12) 2-Methylnaphthalene       | 12.123 | 142  | 77875    | 0.367 | ng    | 99       |
| 16) Acenaphthylene            | 14.028 | 152  | 99602    | 0.333 | ng    | 100      |
| 17) Acenaphthene              | 14.370 | 154  | 65915    | 0.355 | ng    | 99       |
| 18) Fluorene                  | 15.360 | 166  | 79120    | 0.344 | ng    | 99       |
| 20) 4,6-Dinitro-2-methylph... | 15.449 | 198  | 2148     | 0.491 | ng    | # 66     |
| 21) 4-Bromophenyl-phenylether | 16.263 | 248  | 24248    | 0.350 | ng    | 97       |
| 22) Hexachlorobenzene         | 16.360 | 284  | 24629    | 0.376 | ng    | # 90     |
| 23) Atrazine                  | 16.543 | 200  | 18782    | 0.296 | ng    | 98       |
| 24) Pentachlorophenol         | 16.713 | 266  | 16404    | 0.744 | ng    | 99       |
| 25) Phenanthrene              | 17.103 | 178  | 121076   | 0.362 | ng    | 99       |
| 26) Anthracene                | 17.188 | 178  | 112768   | 0.348 | ng    | 99       |
| 28) Fluoranthene              | 19.127 | 202  | 138599   | 0.360 | ng    | 99       |
| 30) Pyrene                    | 19.490 | 202  | 139677   | 0.370 | ng    | 99       |
| 32) Benzo(a)anthracene        | 21.238 | 228  | 140682   | 0.366 | ng    | 97       |
| 33) Chrysene                  | 21.291 | 228  | 143317   | 0.386 | ng    | 98       |
| 34) Bis(2-ethylhexyl)phtha... | 21.196 | 149  | 60830    | 0.294 | ng    | 98       |
| 36) Indeno(1,2,3-cd)pyrene    | 25.819 | 276  | 154772   | 0.412 | ng    | 99       |
| 37) Benzo(b)fluoranthene      | 22.841 | 252  | 146153   | 0.396 | ng    | 99       |
| 38) Benzo(k)fluoranthene      | 22.885 | 252  | 143115   | 0.403 | ng    | 100      |
| 39) Benzo(a)pyrene            | 23.423 | 252  | 135041   | 0.404 | ng    | 98       |
| 40) Dibenzo(a,h)anthracene    | 25.843 | 278  | 131809   | 0.413 | ng    | 95       |
| 41) Benzo(g,h,i)perylene      | 26.521 | 276  | 130327   | 0.411 | ng    | 95       |
| -----                         |        |      |          |       |       |          |

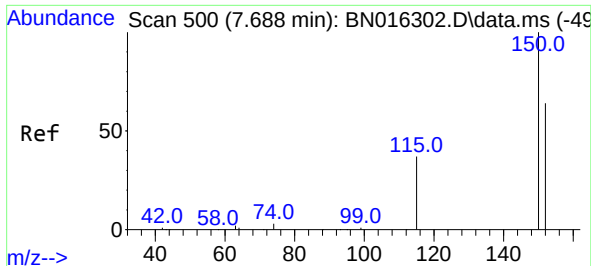
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Sample : PB139177BSD  
Misc :  
ALS Vial : 22 Sample Multiplier: 1

Instrument :  
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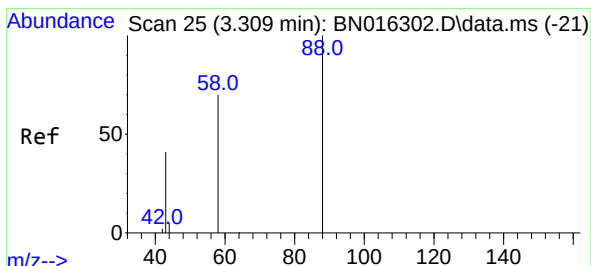
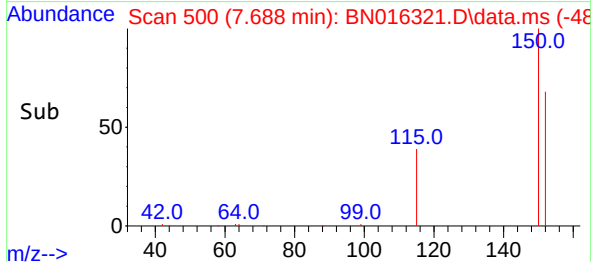
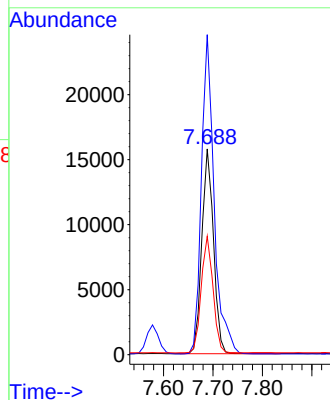
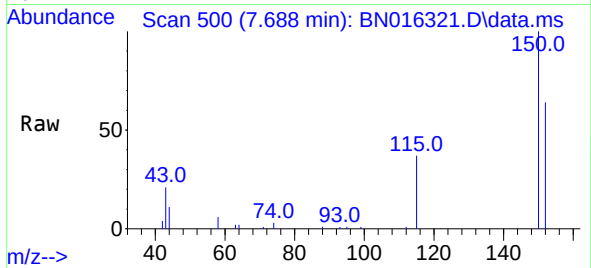




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 7.688 min Scan# 500  
 Delta R.T. 0.000 min  
 Lab File: BN016321.D  
 Acq: 18 Sep 2021 06:44

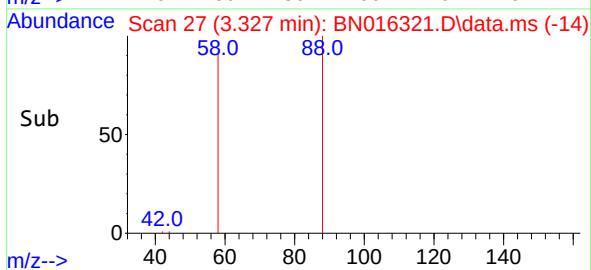
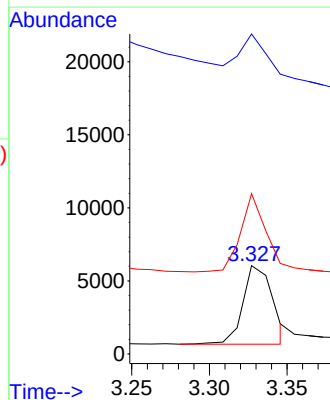
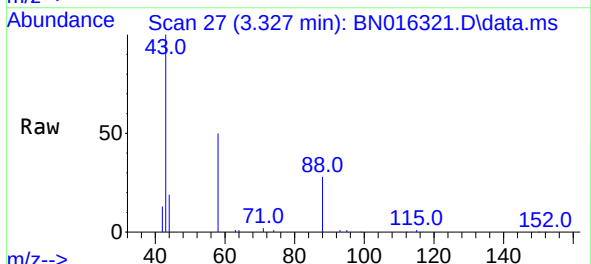
Instrument :  
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 ClientSampleId :  
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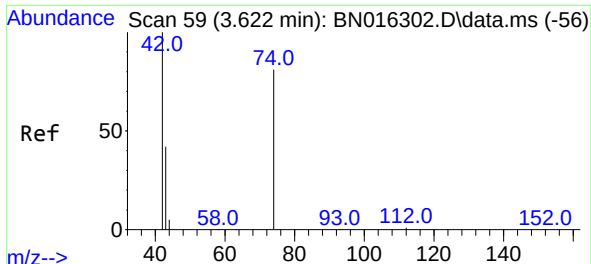
Tgt Ion:152 Resp: 25754  
 Ion Ratio Lower Upper  
 152 100  
 150 155.5 125.6 188.4  
 115 57.5 50.2 75.2



#2  
 1,4-Dioxane  
 Concen: 0.665 ng  
 RT: 3.327 min Scan# 27  
 Delta R.T. 0.018 min  
 Lab File: BN016321.D  
 Acq: 18 Sep 2021 06:44

Tgt Ion: 88 Resp: 7120  
 Ion Ratio Lower Upper  
 88 100  
 43 41.8 20.3 30.5#  
 58 83.8 69.9 104.9

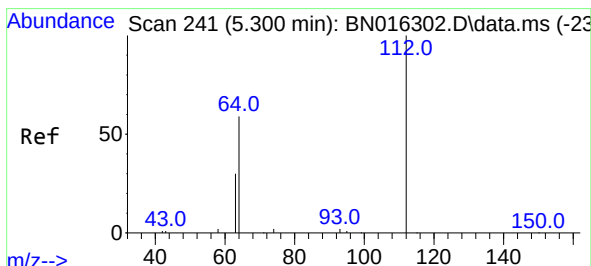
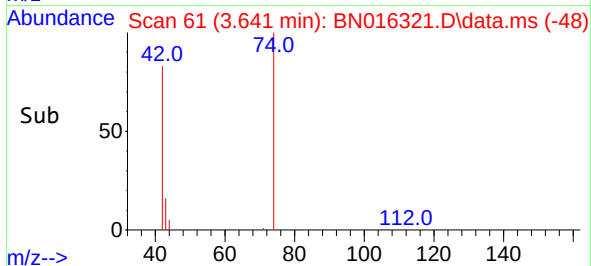
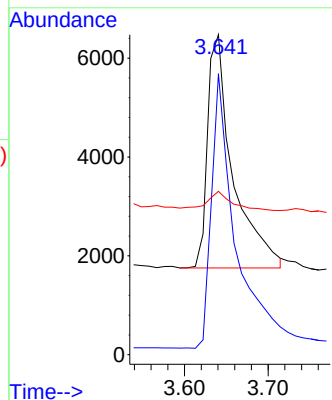
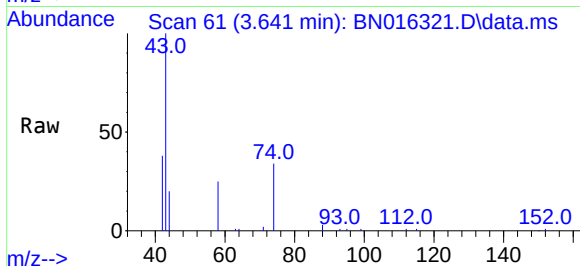




#3  
n-Nitrosodimethylamine  
Concen: 0.404 ng  
RT: 3.641 min Scan# 61  
Delta R.T. 0.018 min  
Lab File: BN016321.D  
Acq: 18 Sep 2021 06:44

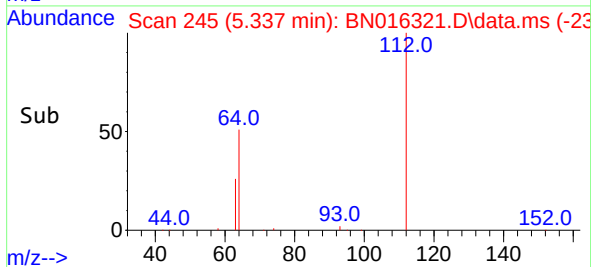
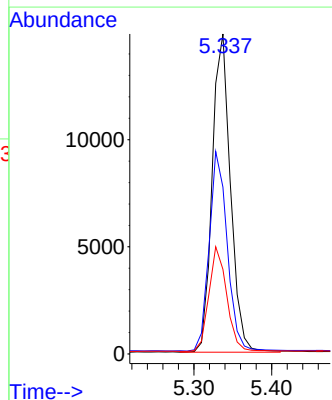
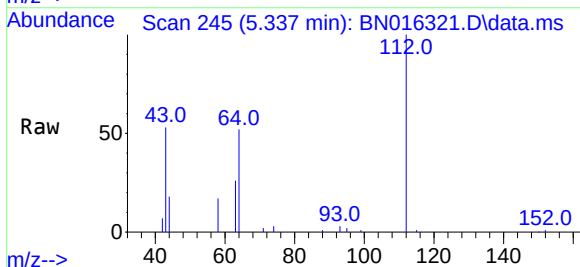
Instrument :  
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ClientSampleId :  
PB139177BSD

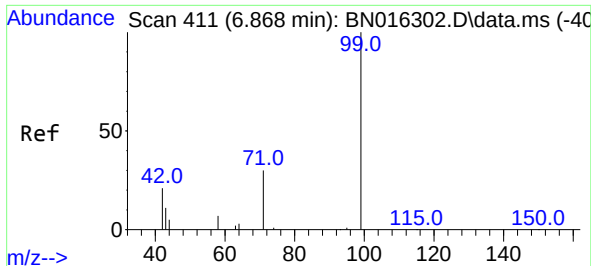
Tgt Ion: 42 Resp: 9897  
Ion Ratio Lower Upper  
42 100  
74 111.3 113.6 170.4#  
44 8.2 0.0 0.0#



#4  
2-Fluorophenol  
Concen: 0.374 ng  
RT: 5.337 min Scan# 245  
Delta R.T. 0.037 min  
Lab File: BN016321.D  
Acq: 18 Sep 2021 06:44

Tgt Ion: 112 Resp: 24178  
Ion Ratio Lower Upper  
112 100  
64 61.8 47.3 70.9  
63 32.3 23.4 35.0

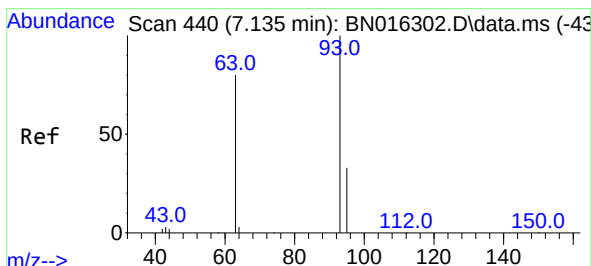
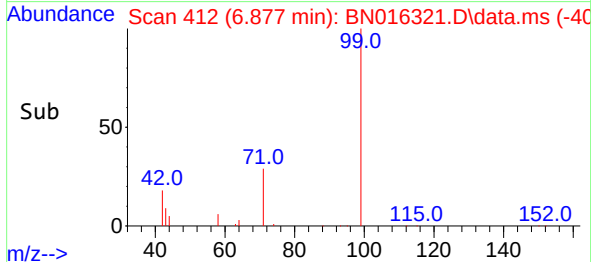
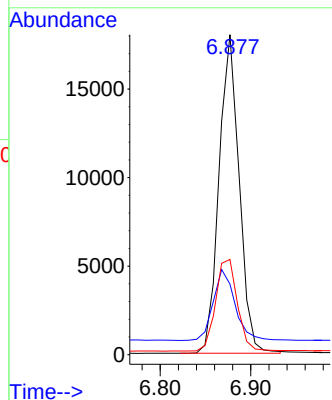
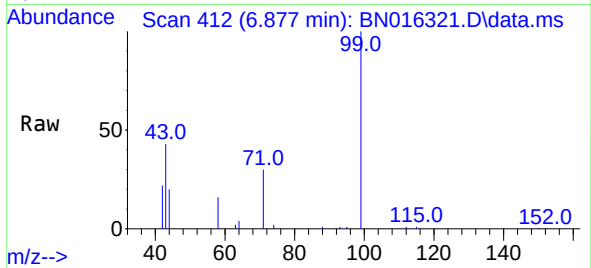




#5  
Phenol-d6  
Concen: 0.355 ng  
RT: 6.877 min Scan# 412  
Delta R.T. 0.009 min  
Lab File: BN016321.D  
Acq: 18 Sep 2021 06:44

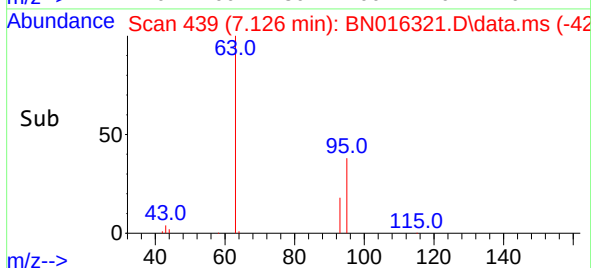
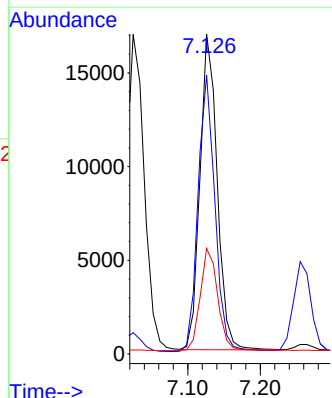
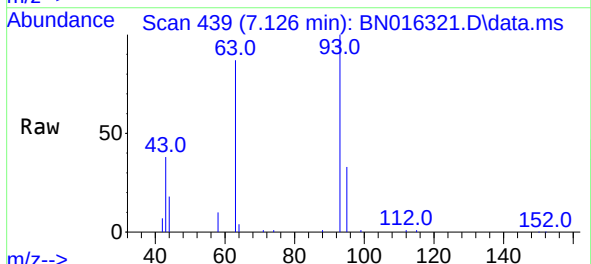
Instrument :  
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ClientSampleId :  
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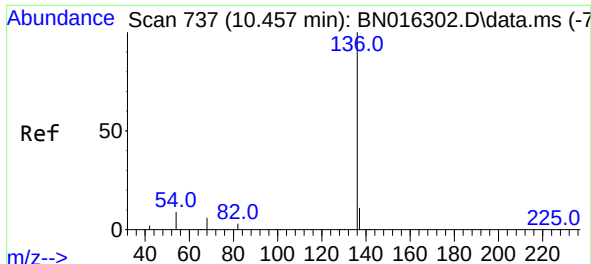
Tgt Ion: 99 Resp: 27777  
Ion Ratio Lower Upper  
99 100  
42 24.1 14.0 21.0#  
71 31.1 23.8 35.6



#6  
bis(2-Chloroethyl)ether  
Concen: 0.400 ng  
RT: 7.126 min Scan# 439  
Delta R.T. -0.009 min  
Lab File: BN016321.D  
Acq: 18 Sep 2021 06:44

Tgt Ion: 93 Resp: 27884  
Ion Ratio Lower Upper  
93 100  
63 86.1 63.4 95.0  
95 32.7 26.8 40.2



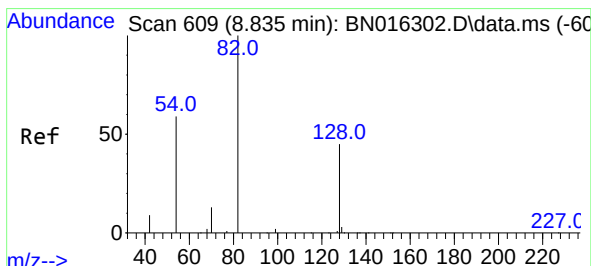
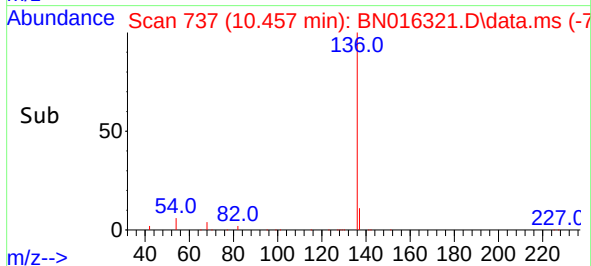
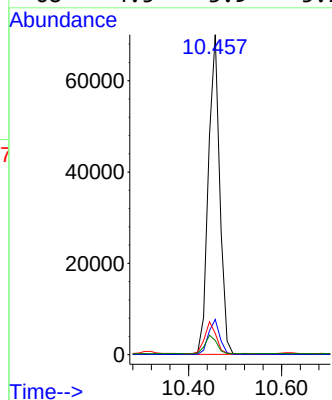
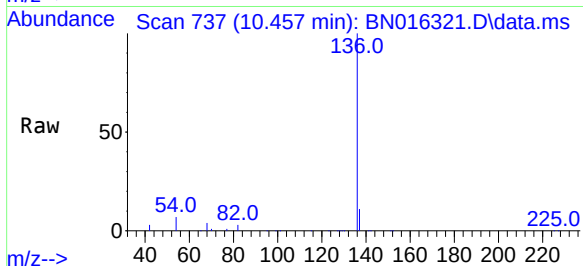


#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.457 min Scan# 737  
Delta R.T. 0.000 min  
Lab File: BN016321.D  
Acq: 18 Sep 2021 06:44

Instrument :  
BNA\_N  
ClientSampleId :  
PB139177BSD

Tgt Ion:136 Resp: 118933

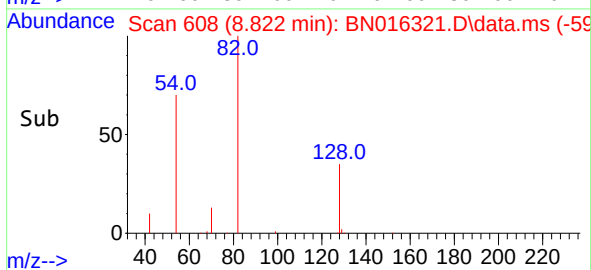
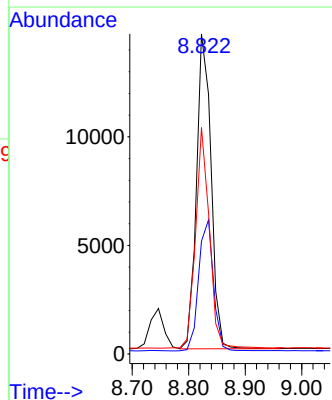
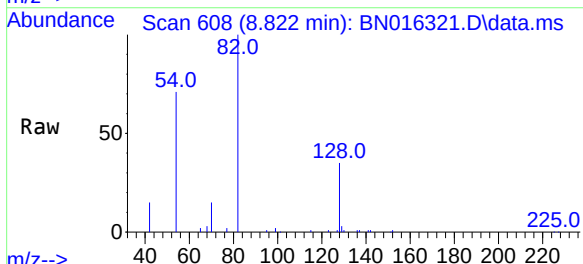
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 11.0  | 8.8   | 13.2  |
| 54  | 6.7   | 5.3   | 7.9   |
| 68  | 4.5   | 3.9   | 5.9   |

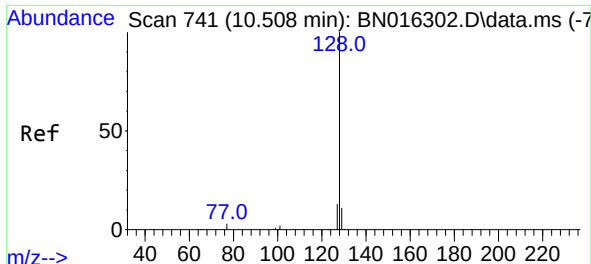


#8  
Nitrobenzene-d5  
Concen: 0.369 ng  
RT: 8.822 min Scan# 608  
Delta R.T. -0.013 min  
Lab File: BN016321.D  
Acq: 18 Sep 2021 06:44

Tgt Ion: 82 Resp: 26048

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 35.2  | 31.7  | 47.5  |
| 54  | 70.7  | 46.4  | 69.6  |

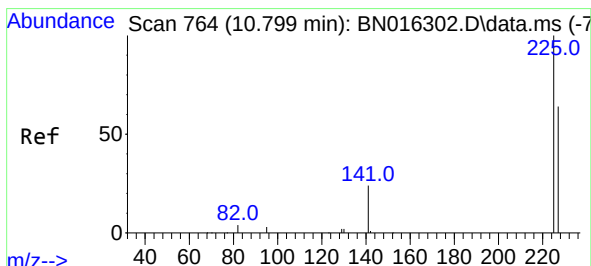
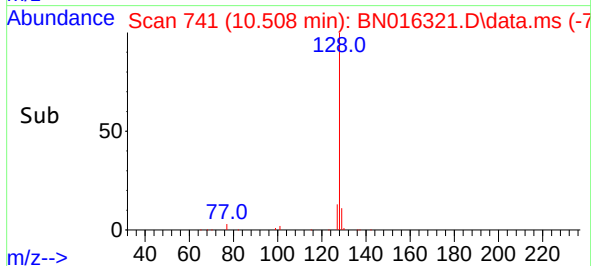
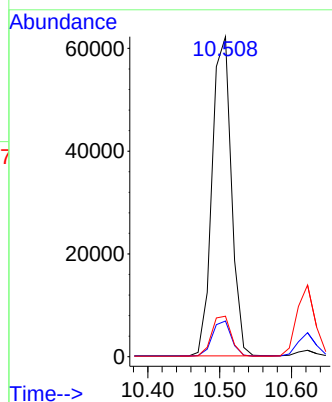
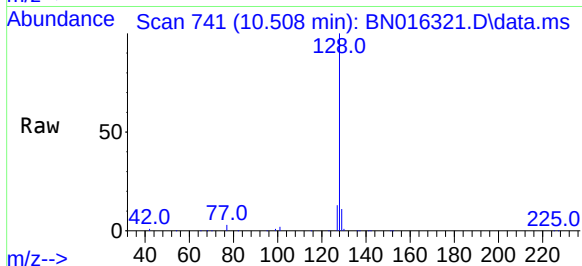




#9  
Naphthalene  
Concen: 0.361 ng  
RT: 10.508 min Scan# 741  
Delta R.T. 0.000 min  
Lab File: BN016321.D  
Acq: 18 Sep 2021 06:44

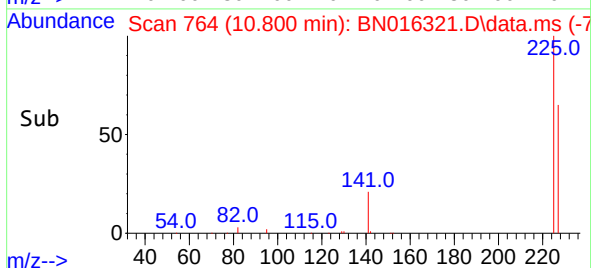
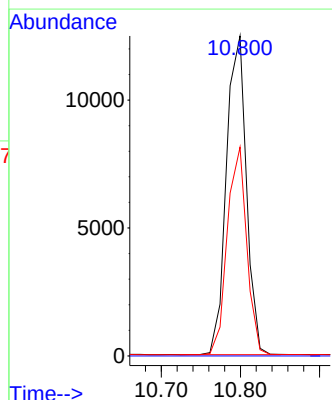
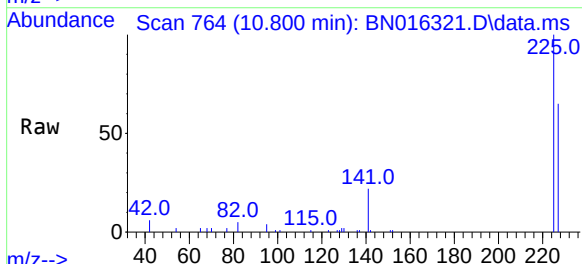
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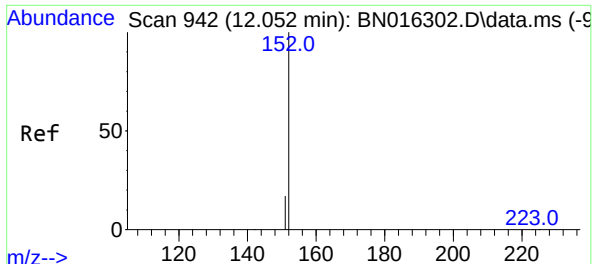
Tgt Ion:128 Resp: 115626  
Ion Ratio Lower Upper  
128 100  
129 11.1 8.9 13.3  
127 12.6 10.1 15.1



#10  
Hexachlorobutadiene  
Concen: 0.360 ng  
RT: 10.800 min Scan# 764  
Delta R.T. 0.000 min  
Lab File: BN016321.D  
Acq: 18 Sep 2021 06:44

Tgt Ion:225 Resp: 21908  
Ion Ratio Lower Upper  
225 100  
223 0.0 0.0 0.0  
227 63.3 51.5 77.3

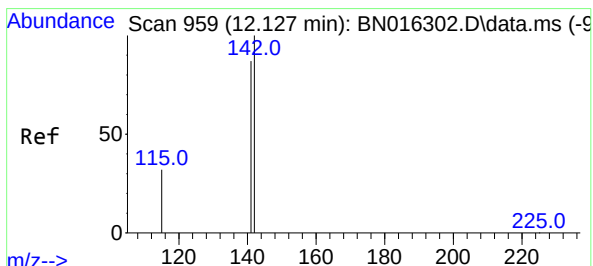
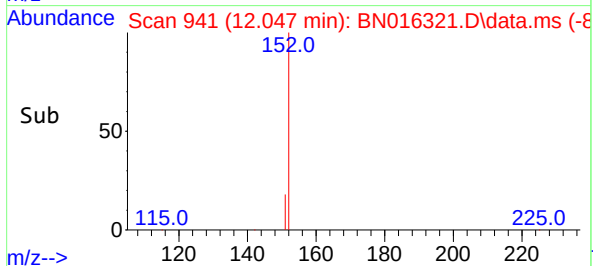
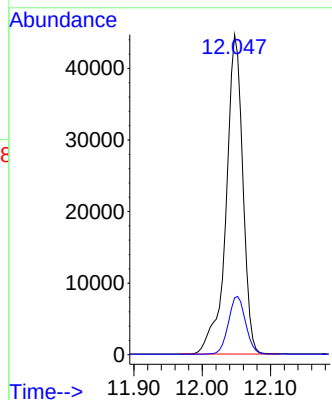
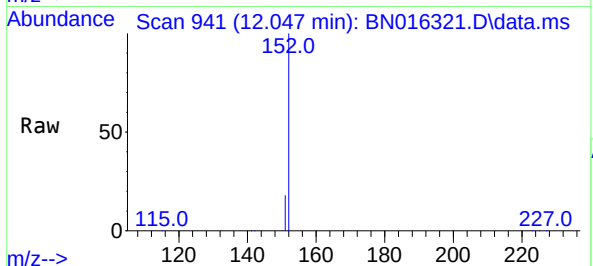




#11  
2-Methylnaphthalene-d10  
Concen: 0.404 ng  
RT: 12.047 min Scan# 941  
Delta R.T. -0.004 min  
Lab File: BN016321.D  
Acq: 18 Sep 2021 06:44

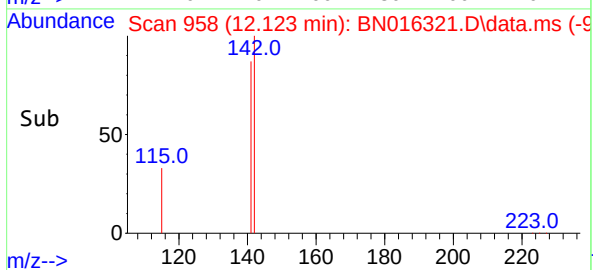
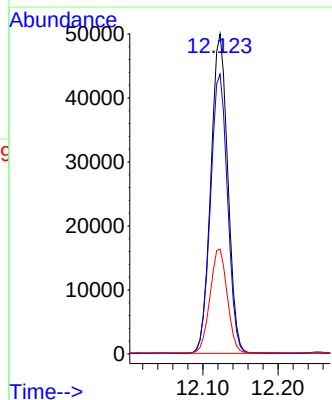
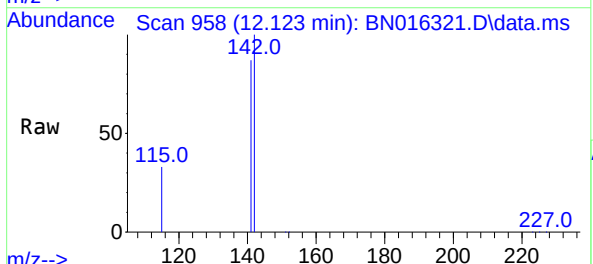
Instrument :  
BNA\_N  
ClientSampleId :  
PB139177BSD

Tgt Ion:152 Resp: 75696  
Ion Ratio Lower Upper  
152 100  
151 18.6 16.1 24.1

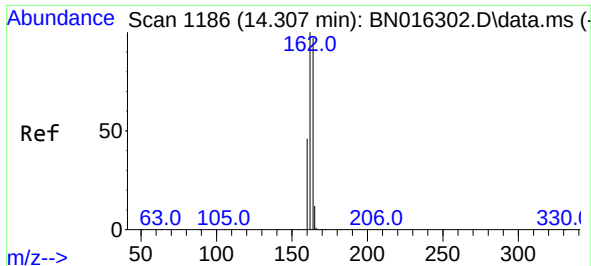


#12  
2-Methylnaphthalene  
Concen: 0.367 ng  
RT: 12.123 min Scan# 958  
Delta R.T. -0.004 min  
Lab File: BN016321.D  
Acq: 18 Sep 2021 06:44

Tgt Ion:142 Resp: 77875  
Ion Ratio Lower Upper  
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115 32.8 24.4 36.6



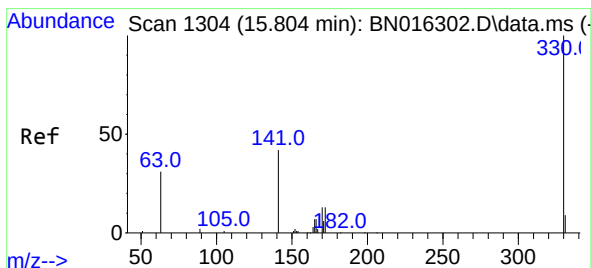
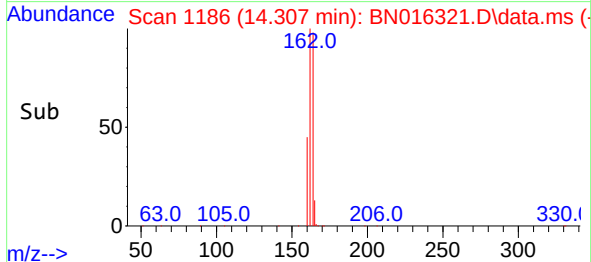
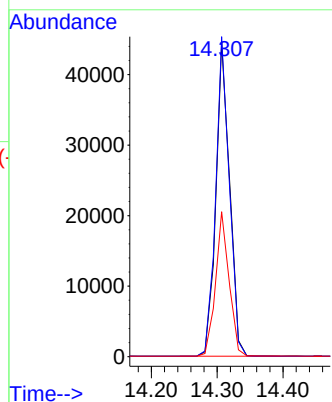
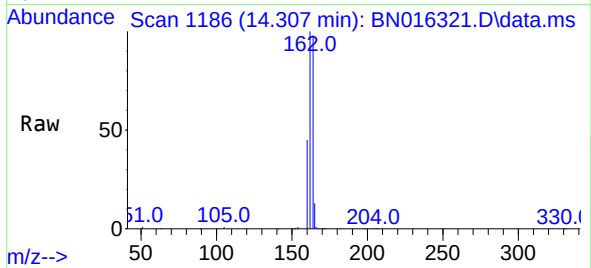




#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.307 min Scan# 1186  
Delta R.T. 0.000 min  
Lab File: BN016321.D  
Acq: 18 Sep 2021 06:44

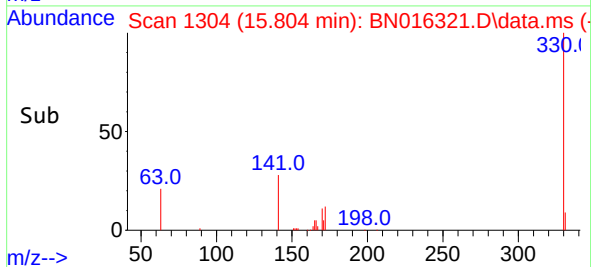
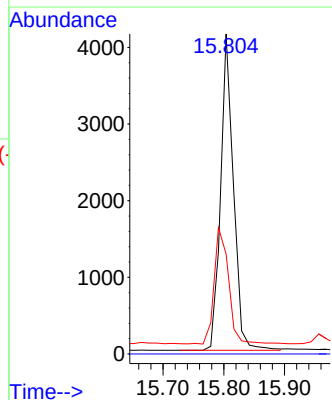
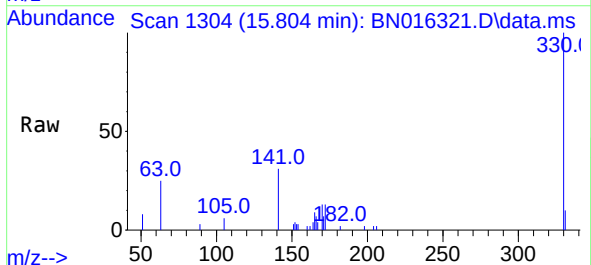
Instrument :  
BNA\_N  
ClientSampleId :  
PB139177BSD

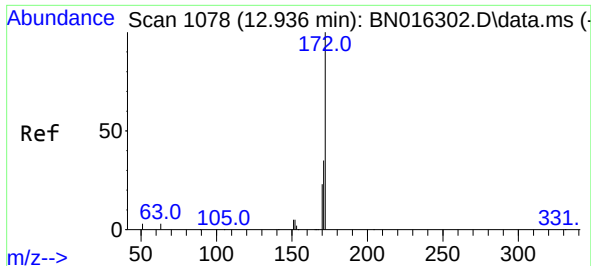
Tgt Ion:164 Resp: 64310  
Ion Ratio Lower Upper  
164 100  
162 101.9 79.0 118.4  
160 46.2 34.1 51.1



#14  
2,4,6-Tribromophenol  
Concen: 0.320 ng  
RT: 15.804 min Scan# 1304  
Delta R.T. 0.000 min  
Lab File: BN016321.D  
Acq: 18 Sep 2021 06:44

Tgt Ion:330 Resp: 6047  
Ion Ratio Lower Upper  
330 100  
332 0.0 0.0 0.0  
141 41.2 25.0 37.4#

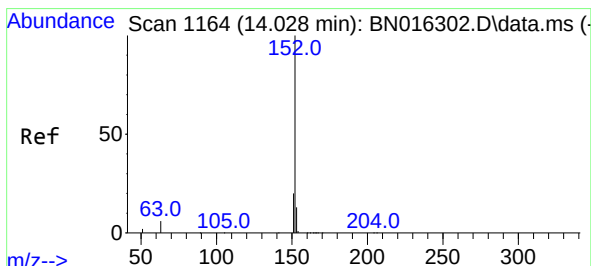
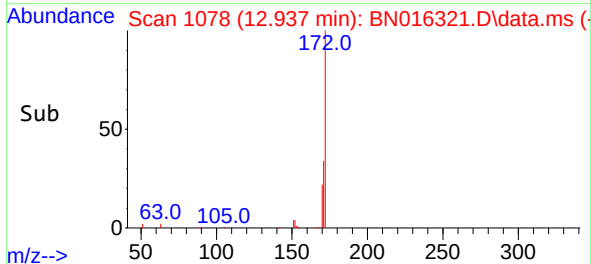
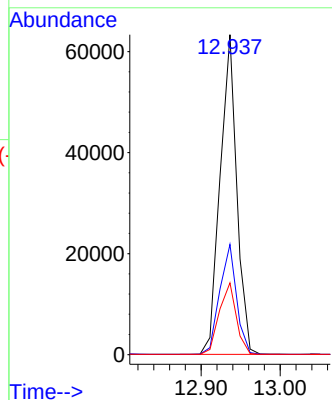
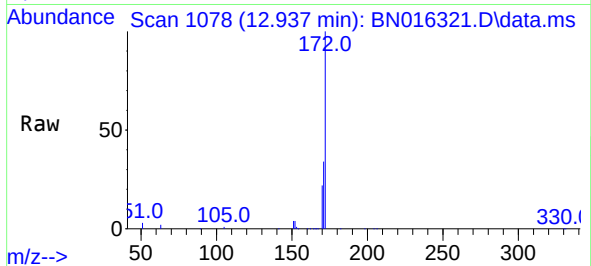




#15  
2-Fluorobiphenyl  
Concen: 0.370 ng  
RT: 12.937 min Scan# 1078  
Delta R.T. 0.000 min  
Lab File: BN016321.D  
Acq: 18 Sep 2021 06:44

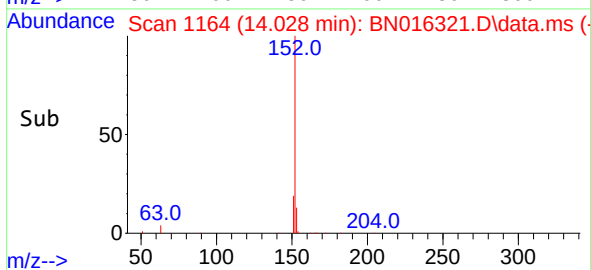
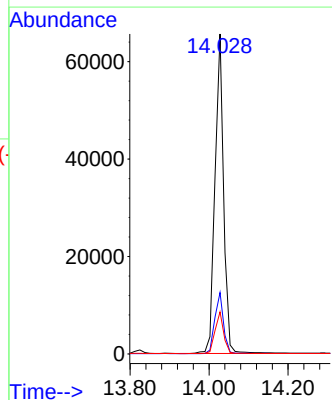
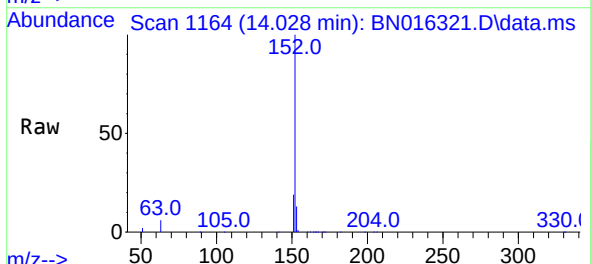
Instrument :  
BNA\_N  
ClientSampleId :  
PB139177BSD

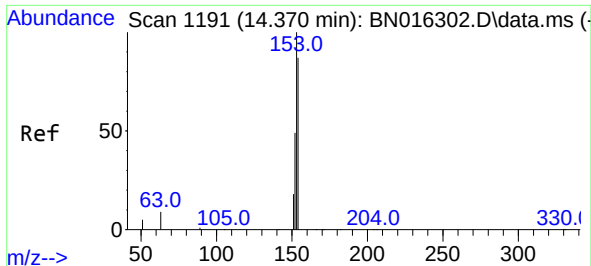
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 172   | Resp: | 92994 |
| Ion      | Ratio | Lower | Upper |
| 172      | 100   |       |       |
| 171      | 34.5  | 27.8  | 41.6  |
| 170      | 22.5  | 18.2  | 27.2  |



#16  
Acenaphthylene  
Concen: 0.333 ng  
RT: 14.028 min Scan# 1164  
Delta R.T. 0.000 min  
Lab File: BN016321.D  
Acq: 18 Sep 2021 06:44

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 152   | Resp: | 99602 |
| Ion      | Ratio | Lower | Upper |
| 152      | 100   |       |       |
| 151      | 19.3  | 15.2  | 22.8  |
| 153      | 13.1  | 10.5  | 15.7  |

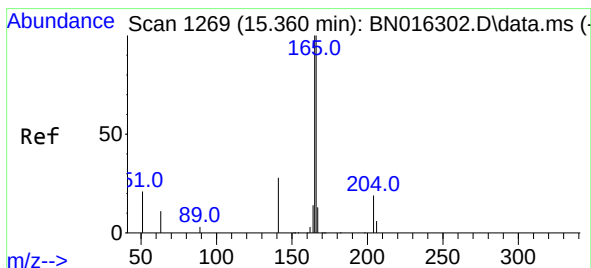
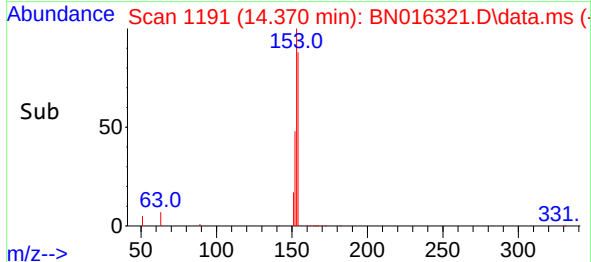
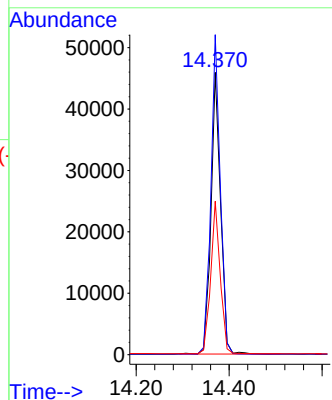
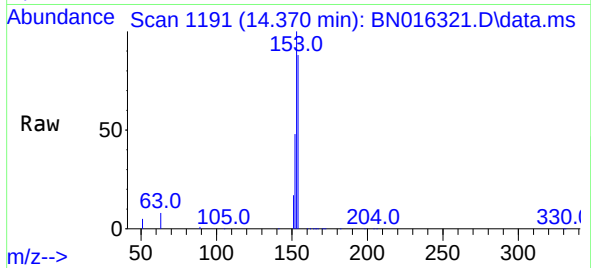




#17  
Acenaphthene  
Concen: 0.355 ng  
RT: 14.370 min Scan# 1191  
Delta R.T. 0.000 min  
Lab File: BN016321.D  
Acq: 18 Sep 2021 06:44

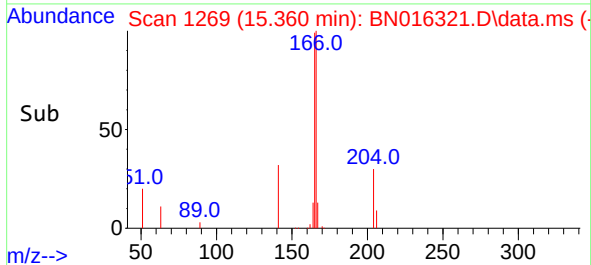
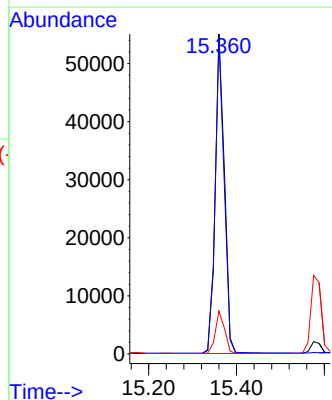
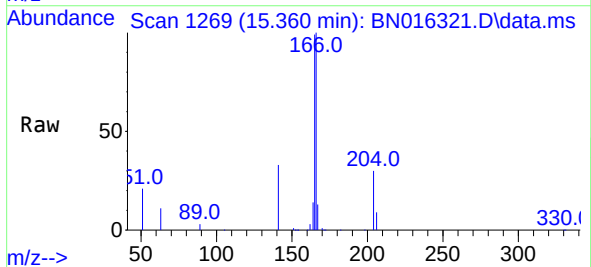
Instrument :  
BNA\_N  
ClientSampleId :  
PB139177BSD

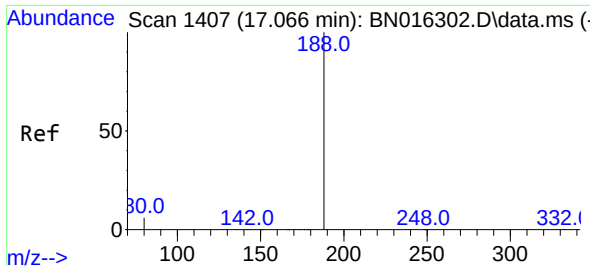
Tgt Ion:154 Resp: 65915  
Ion Ratio Lower Upper  
154 100  
153 112.0 89.3 133.9  
152 53.9 42.2 63.4



#18  
Fluorene  
Concen: 0.344 ng  
RT: 15.360 min Scan# 1269  
Delta R.T. 0.000 min  
Lab File: BN016321.D  
Acq: 18 Sep 2021 06:44

Tgt Ion:166 Resp: 79120  
Ion Ratio Lower Upper  
166 100  
165 97.4 76.7 115.1  
167 13.5 10.9 16.3

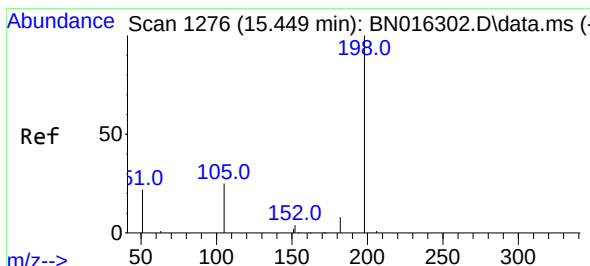
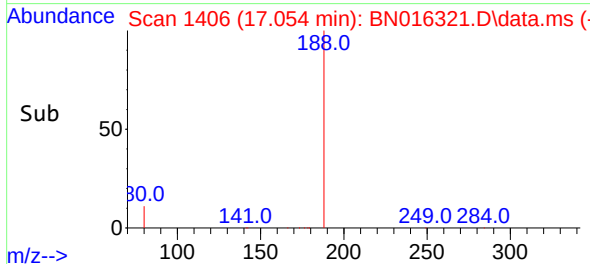
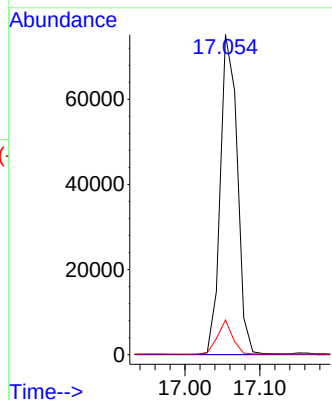
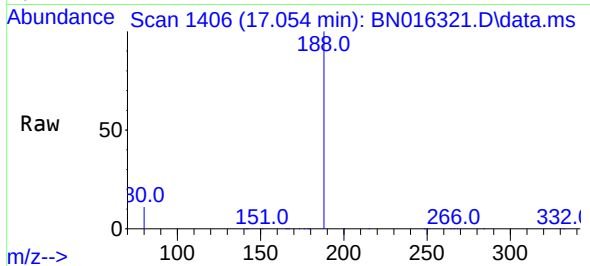




#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.054 min Scan# 1406  
Delta R.T. -0.012 min  
Lab File: BN016321.D  
Acq: 18 Sep 2021 06:44

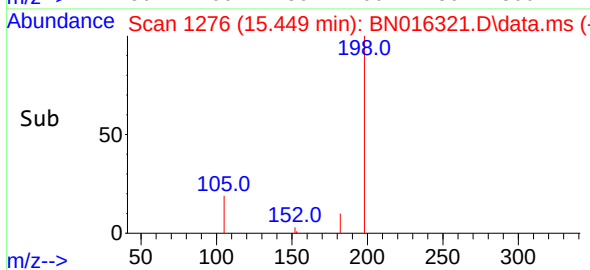
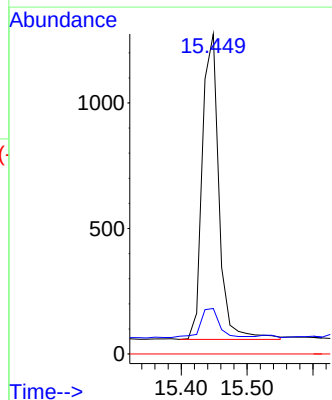
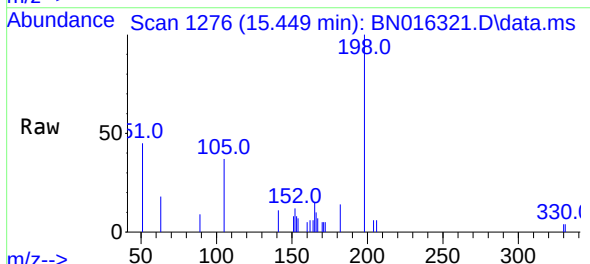
Instrument :  
BNA\_N  
ClientSampleId :  
PB139177BSD

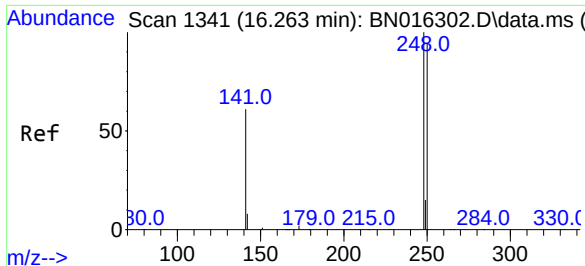
Tgt Ion:188 Resp: 118384  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 10.9 7.0 10.6#



#20  
4,6-Dinitro-2-methylphenol  
Concen: 0.491 ng  
RT: 15.449 min Scan# 1276  
Delta R.T. -0.000 min  
Lab File: BN016321.D  
Acq: 18 Sep 2021 06:44

Tgt Ion:198 Resp: 2148  
Ion Ratio Lower Upper  
198 100  
182 14.2 26.6 39.8#  
77 0.0 0.0 0.0

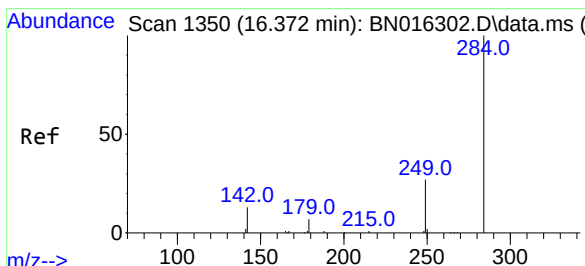
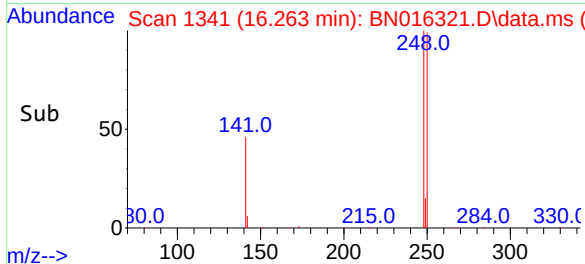
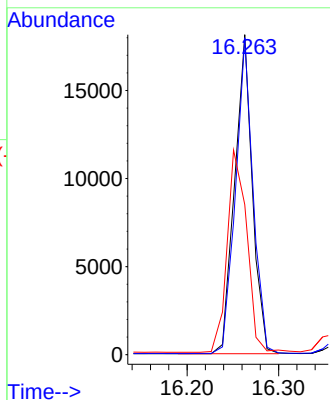
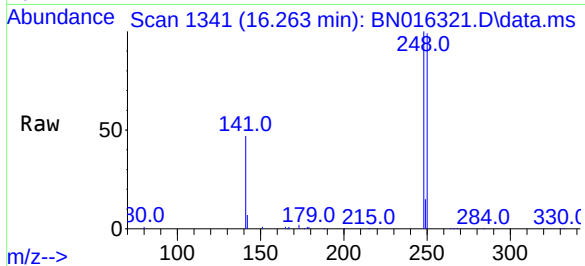




#21  
4-Bromophenyl-phenylether  
Concen: 0.350 ng  
RT: 16.263 min Scan# 1341  
Delta R.T. 0.000 min  
Lab File: BN016321.D  
Acq: 18 Sep 2021 06:44

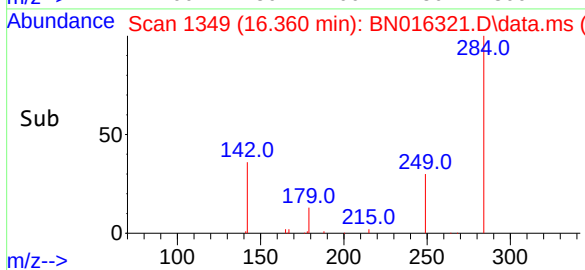
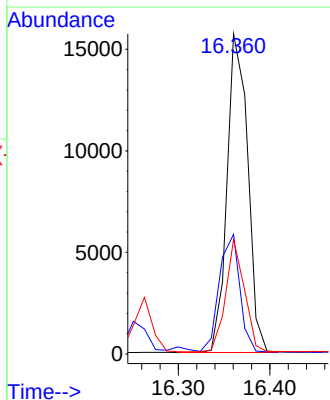
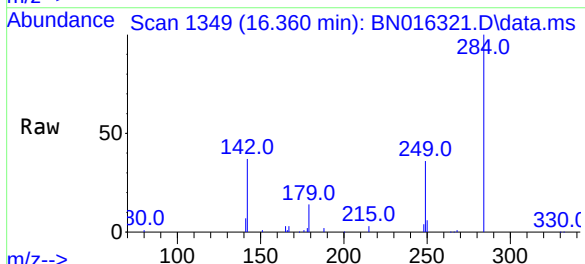
Instrument :  
BNA\_N  
ClientSampleId :  
PB139177BSD

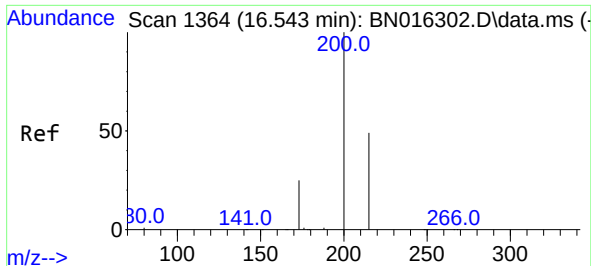
Tgt Ion:248 Resp: 24248  
Ion Ratio Lower Upper  
248 100  
250 99.0 80.5 120.7  
141 46.9 34.8 52.2



#22  
Hexachlorobenzene  
Concen: 0.376 ng  
RT: 16.360 min Scan# 1349  
Delta R.T. -0.012 min  
Lab File: BN016321.D  
Acq: 18 Sep 2021 06:44

Tgt Ion:284 Resp: 24629  
Ion Ratio Lower Upper  
284 100  
142 37.7 22.6 34.0#  
249 31.9 24.4 36.6

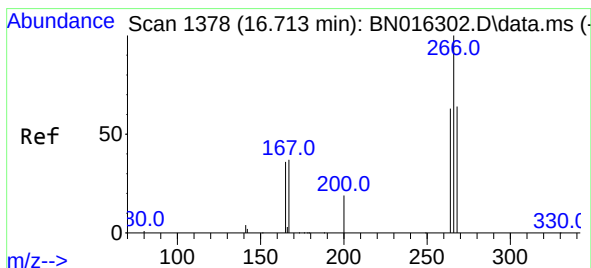
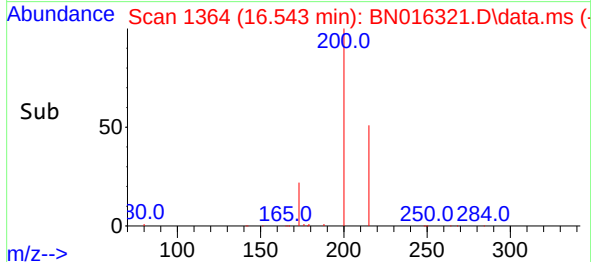
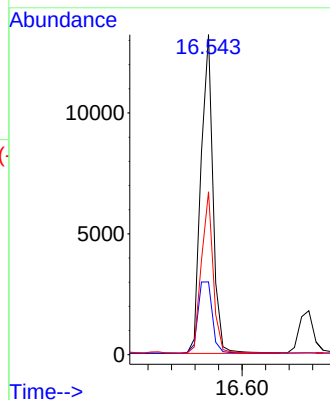
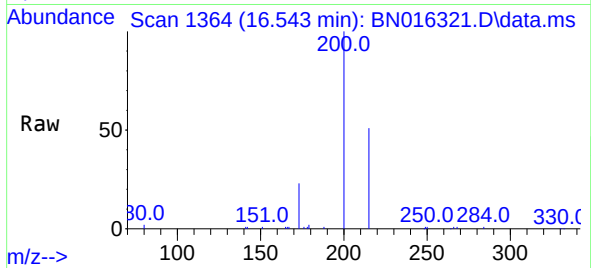




#23  
Atrazine  
Concen: 0.296 ng  
RT: 16.543 min Scan# 1364  
Delta R.T. 0.000 min  
Lab File: BN016321.D  
Acq: 18 Sep 2021 06:44

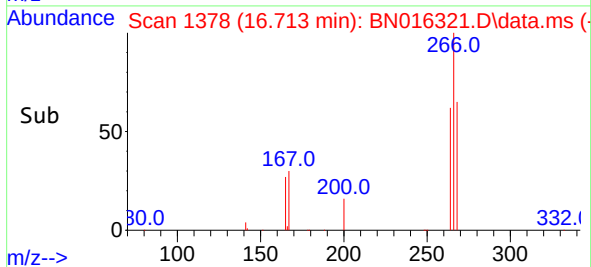
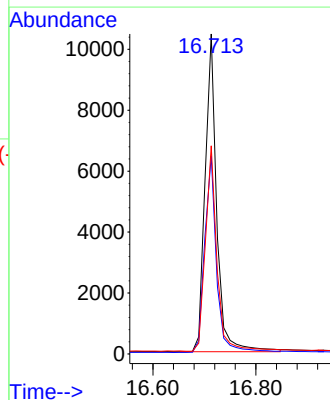
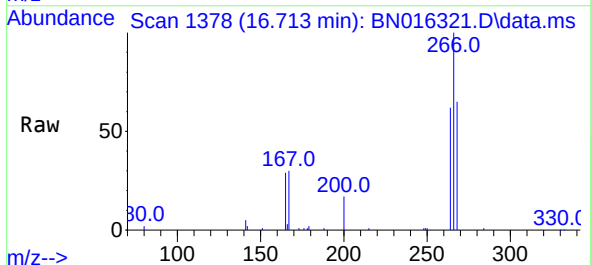
Instrument :  
BNA\_N  
ClientSampleId :  
PB139177BSD

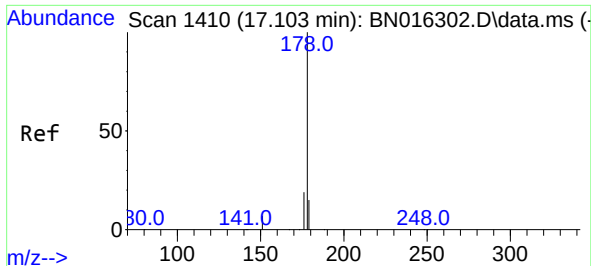
Tgt Ion:200 Resp: 18782  
Ion Ratio Lower Upper  
200 100  
173 22.7 18.7 28.1  
215 50.9 41.6 62.4



#24  
Pentachlorophenol  
Concen: 0.744 ng  
RT: 16.713 min Scan# 1378  
Delta R.T. 0.000 min  
Lab File: BN016321.D  
Acq: 18 Sep 2021 06:44

Tgt Ion:266 Resp: 16404  
Ion Ratio Lower Upper  
266 100  
264 63.1 50.6 75.8  
268 64.2 52.6 79.0

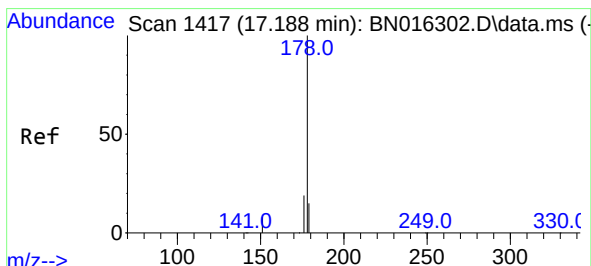
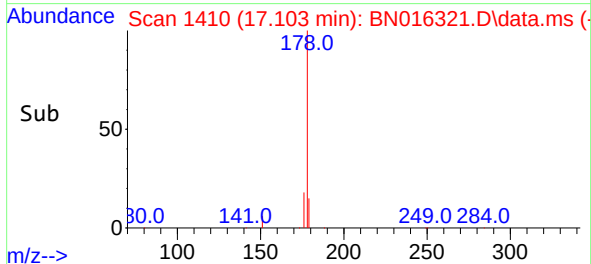
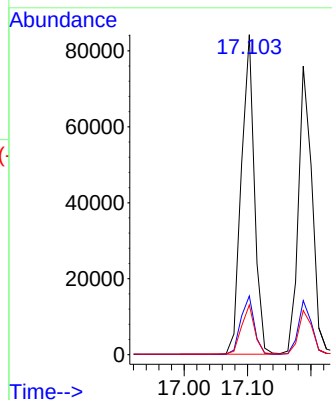
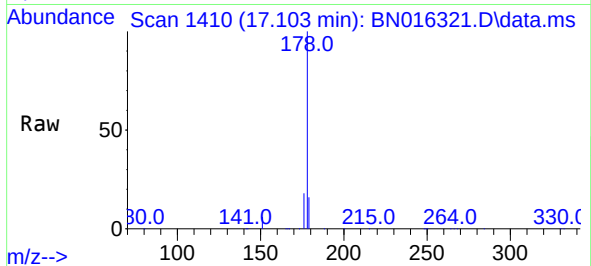




#25  
Phenanthrene  
Concen: 0.362 ng  
RT: 17.103 min Scan# 1410  
Delta R.T. 0.000 min  
Lab File: BN016321.D  
Acq: 18 Sep 2021 06:44

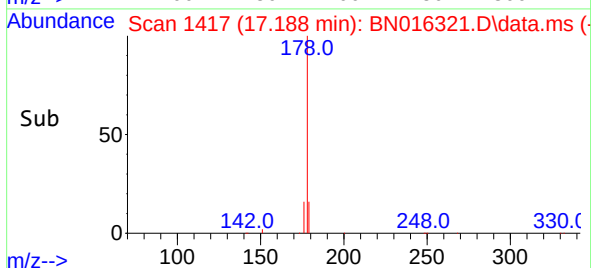
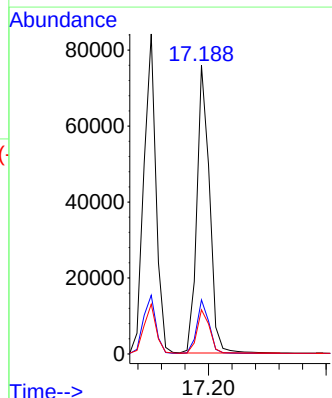
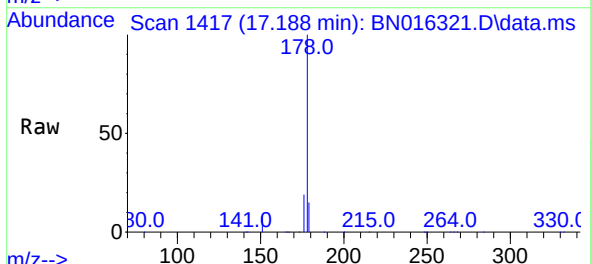
Instrument :  
BNA\_N  
ClientSampleId :  
PB139177BSD

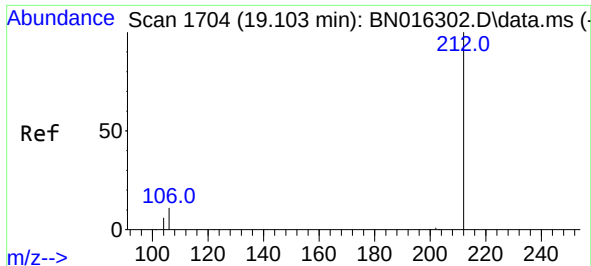
Tgt Ion:178 Resp: 121076  
Ion Ratio Lower Upper  
178 100  
176 18.8 14.4 21.6  
179 15.4 12.2 18.4



#26  
Anthracene  
Concen: 0.348 ng  
RT: 17.188 min Scan# 1417  
Delta R.T. 0.000 min  
Lab File: BN016321.D  
Acq: 18 Sep 2021 06:44

Tgt Ion:178 Resp: 112768  
Ion Ratio Lower Upper  
178 100  
176 18.3 13.9 20.9  
179 15.3 12.2 18.4

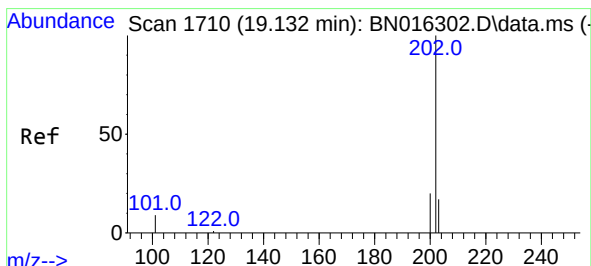
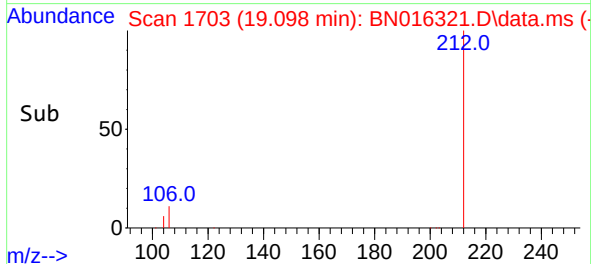
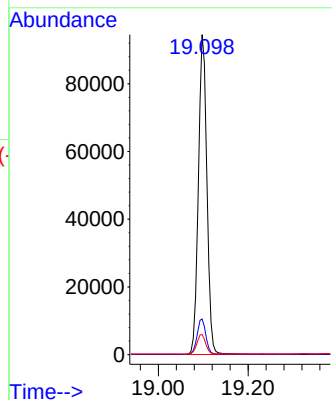
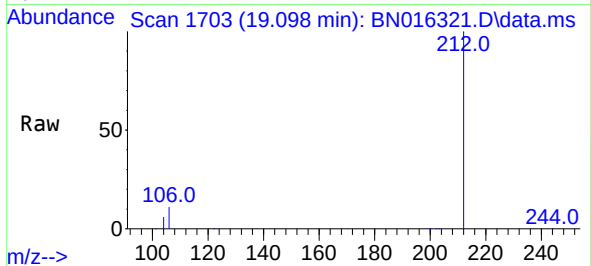




#27  
Fluoranthene-d10  
Concen: 0.365 ng  
RT: 19.098 min Scan# 1703  
Delta R.T. -0.005 min  
Lab File: BN016321.D  
Acq: 18 Sep 2021 06:44

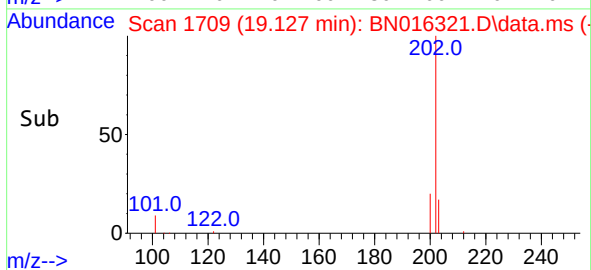
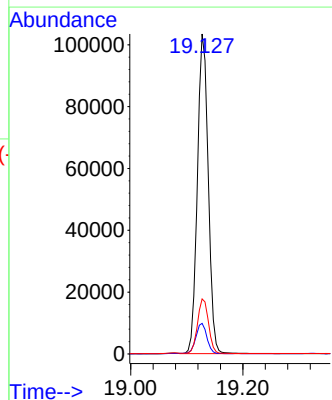
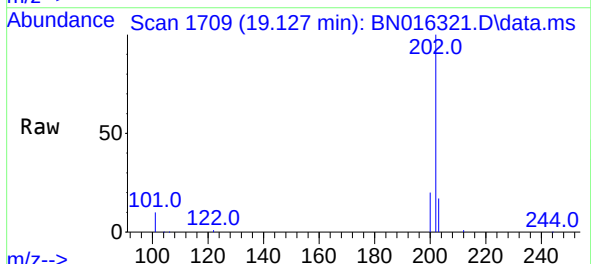
Instrument :  
BNA\_N  
ClientSampleId :  
PB139177BSD

Tgt Ion:212 Resp: 125150  
Ion Ratio Lower Upper  
212 100  
106 11.2 9.8 14.6  
104 6.3 5.4 8.2

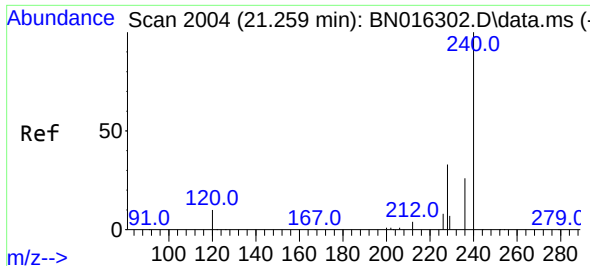


#28  
Fluoranthene  
Concen: 0.360 ng  
RT: 19.127 min Scan# 1709  
Delta R.T. -0.005 min  
Lab File: BN016321.D  
Acq: 18 Sep 2021 06:44

Tgt Ion:202 Resp: 138599  
Ion Ratio Lower Upper  
202 100  
101 9.7 8.5 12.7  
203 17.3 13.8 20.8



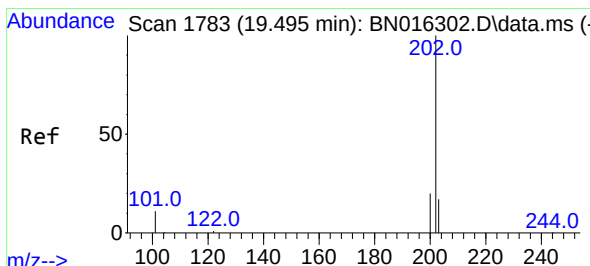
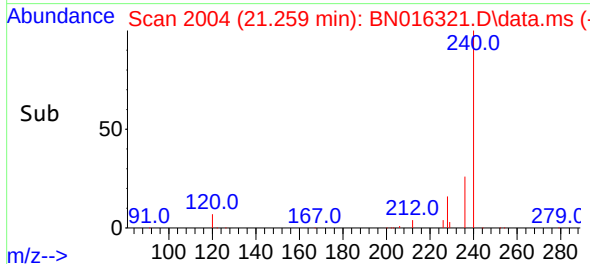
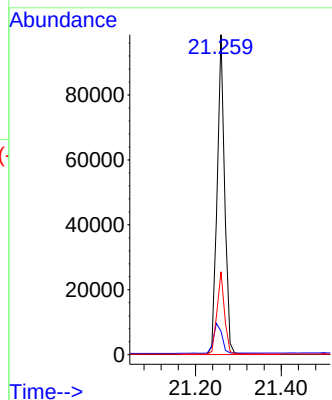
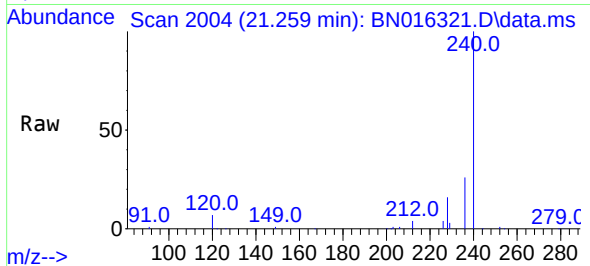




#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.259 min Scan# 2004  
Delta R.T. 0.000 min  
Lab File: BN016321.D  
Acq: 18 Sep 2021 06:44

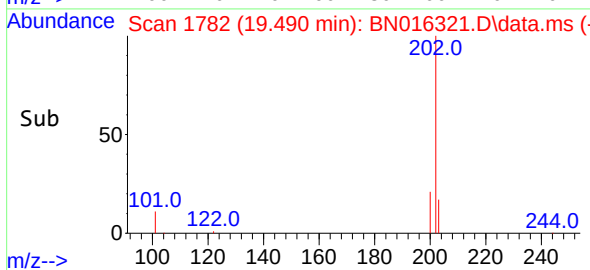
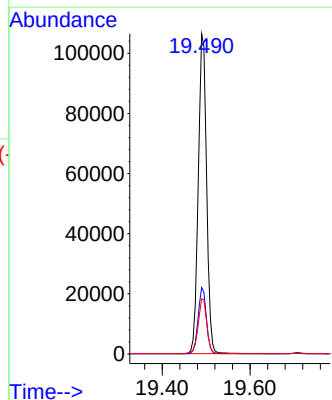
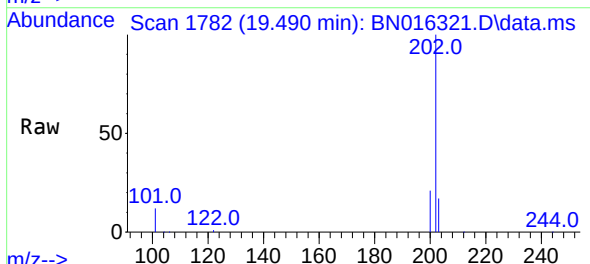
Instrument :  
BNA\_N  
ClientSampleId :  
PB139177BSD

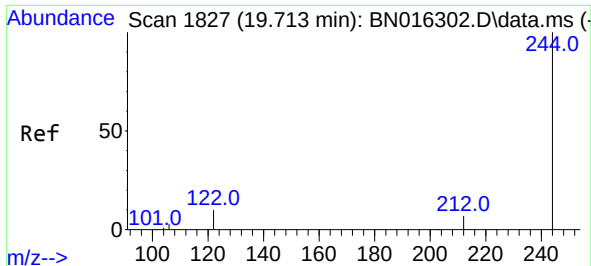
Tgt Ion:240 Resp: 119529  
Ion Ratio Lower Upper  
240 100  
120 7.4 5.3 7.9  
236 25.9 19.8 29.8



#30  
Pyrene  
Concen: 0.370 ng  
RT: 19.490 min Scan# 1782  
Delta R.T. -0.005 min  
Lab File: BN016321.D  
Acq: 18 Sep 2021 06:44

Tgt Ion:202 Resp: 139677  
Ion Ratio Lower Upper  
202 100  
200 20.5 15.8 23.6  
203 17.6 13.9 20.9

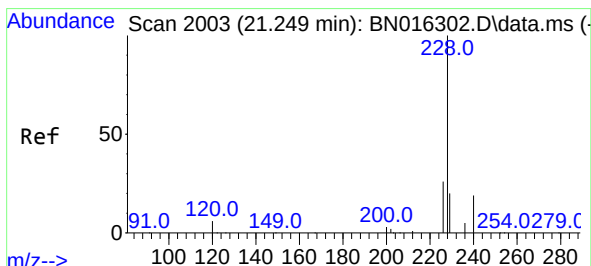
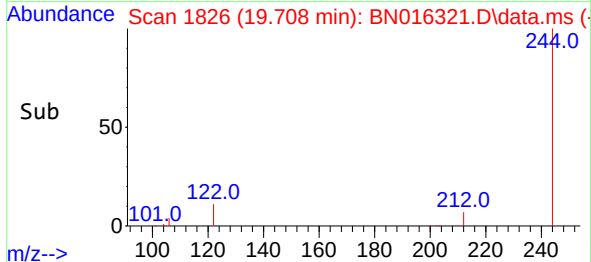
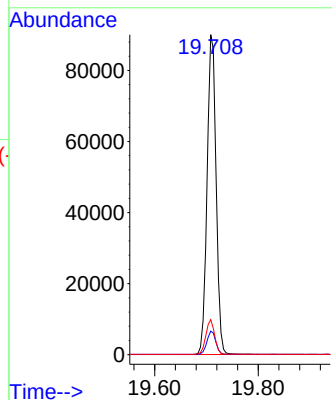
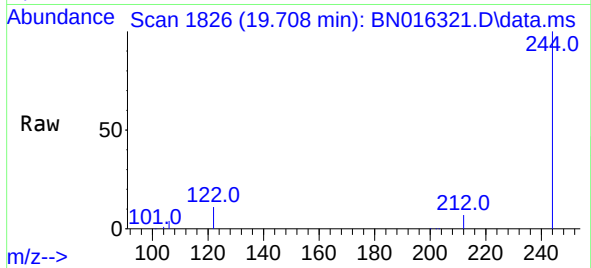




#31  
Terphenyl-d14  
Concen: 0.393 ng  
RT: 19.708 min Scan# 1826  
Delta R.T. -0.005 min  
Lab File: BN016321.D  
Acq: 18 Sep 2021 06:44

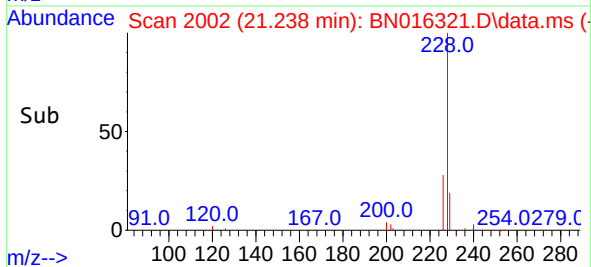
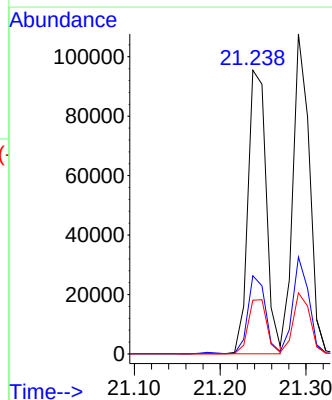
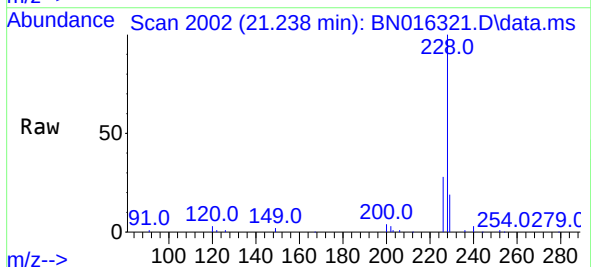
Instrument :  
BNA\_N  
ClientSampleId :  
PB139177BSD

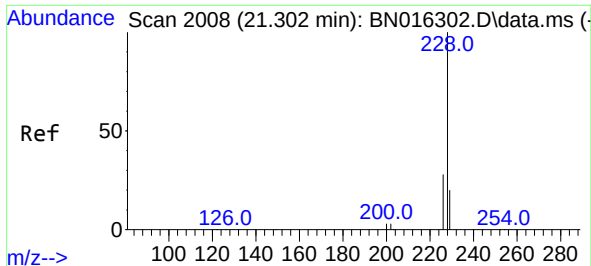
Tgt Ion:244 Resp: 108880  
Ion Ratio Lower Upper  
244 100  
212 7.3 5.5 8.3  
122 11.0 9.0 13.4



#32  
Benzo(a)anthracene  
Concen: 0.366 ng  
RT: 21.238 min Scan# 2002  
Delta R.T. -0.011 min  
Lab File: BN016321.D  
Acq: 18 Sep 2021 06:44

Tgt Ion:228 Resp: 140682  
Ion Ratio Lower Upper  
228 100  
226 27.6 20.8 31.2  
229 18.9 15.8 23.6

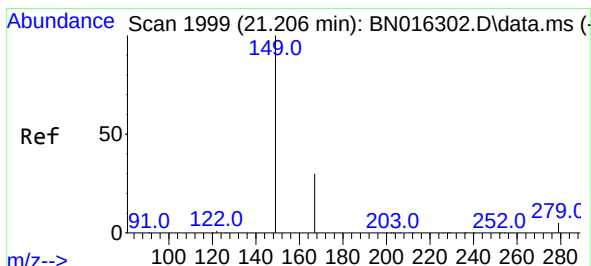
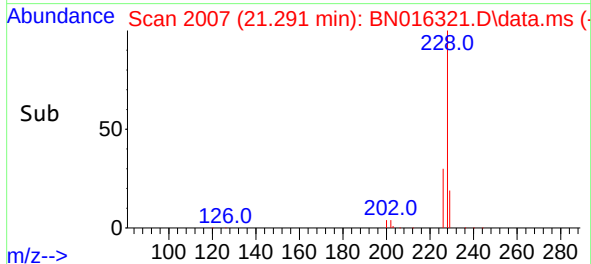
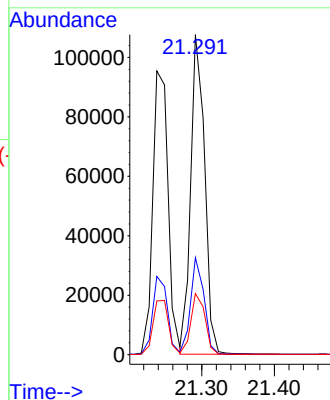
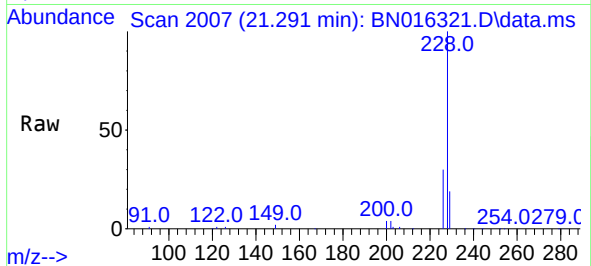




#33  
Chrysene  
Concen: 0.386 ng  
RT: 21.291 min Scan# 2007  
Delta R.T. -0.011 min  
Lab File: BN016321.D  
Acq: 18 Sep 2021 06:44

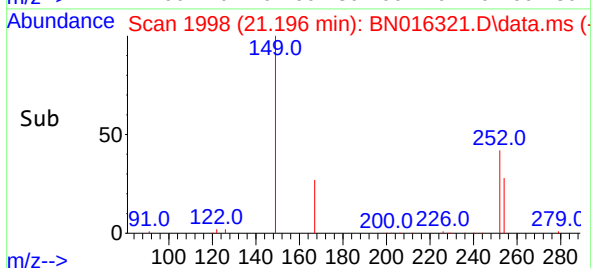
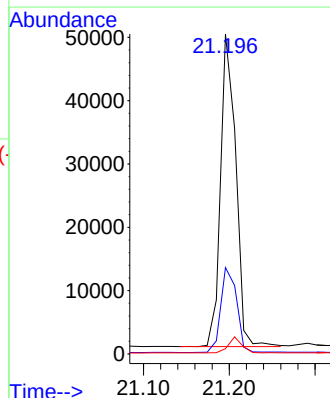
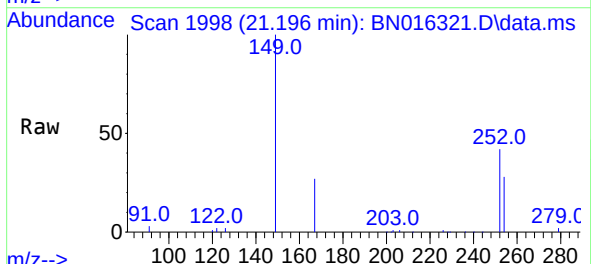
Instrument :  
BNA\_N  
ClientSampleId :  
PB139177BSD

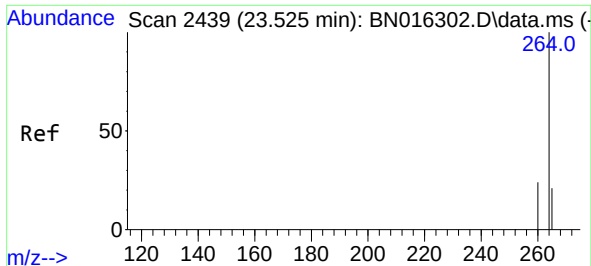
Tgt Ion:228 Resp: 143317  
Ion Ratio Lower Upper  
228 100  
226 30.3 23.0 34.4  
229 19.1 15.6 23.4



#34  
Bis(2-ethylhexyl)phthalate  
Concen: 0.294 ng  
RT: 21.196 min Scan# 1998  
Delta R.T. -0.011 min  
Lab File: BN016321.D  
Acq: 18 Sep 2021 06:44

Tgt Ion:149 Resp: 60830  
Ion Ratio Lower Upper  
149 100  
167 28.3 23.4 35.0  
279 4.5 3.9 5.9



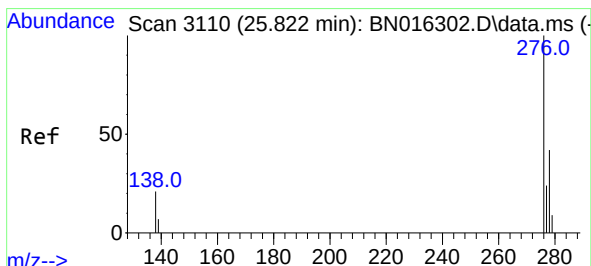
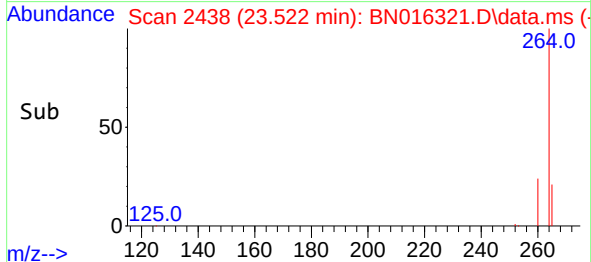
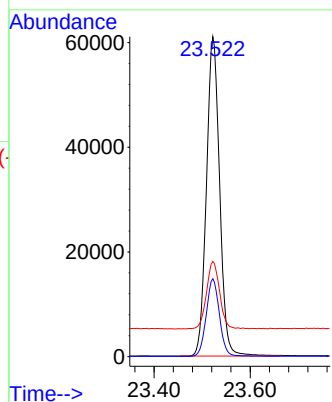
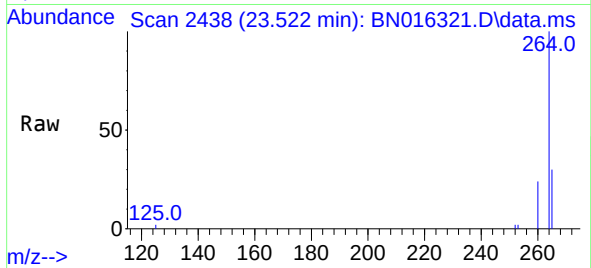


#35  
Perylene-d12  
Concen: 0.400 ng  
RT: 23.522 min Scan# 2438  
Delta R.T. -0.003 min  
Lab File: BN016321.D  
Acq: 18 Sep 2021 06:44

Instrument :  
BNA\_N  
ClientSampleId :  
PB139177BSD

Tgt Ion:264 Resp: 116322

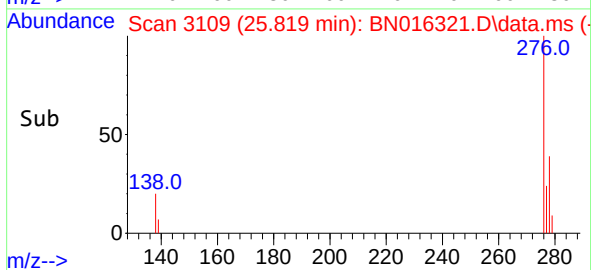
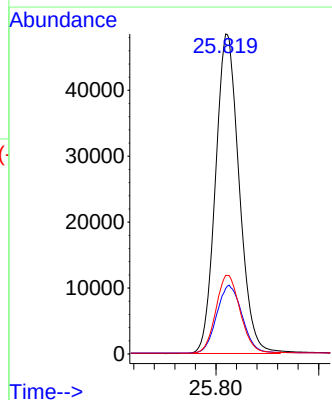
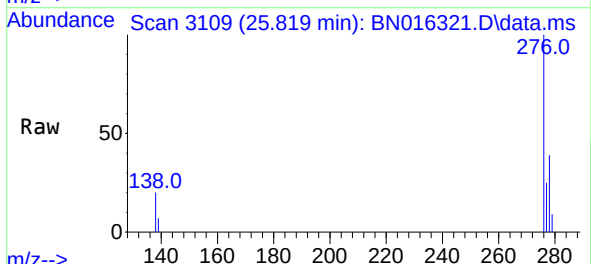
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 24.4  | 18.9  | 28.3  |
| 265 | 29.8  | 23.7  | 35.5  |

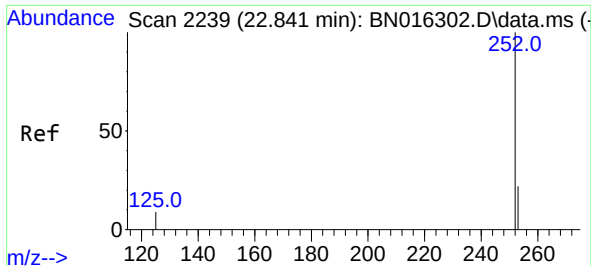


#36  
Indeno(1,2,3-cd)pyrene  
Concen: 0.412 ng  
RT: 25.819 min Scan# 3109  
Delta R.T. -0.003 min  
Lab File: BN016321.D  
Acq: 18 Sep 2021 06:44

Tgt Ion:276 Resp: 154772

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 276 | 100   |       |       |
| 138 | 22.8  | 19.3  | 28.9  |
| 277 | 25.1  | 20.2  | 30.2  |





#37

Benzo(b)fluoranthene

Concen: 0.396 ng

RT: 22.841 min Scan# 2239

Delta R.T. 0.000 min

Lab File: BN016321.D

Acq: 18 Sep 2021 06:44

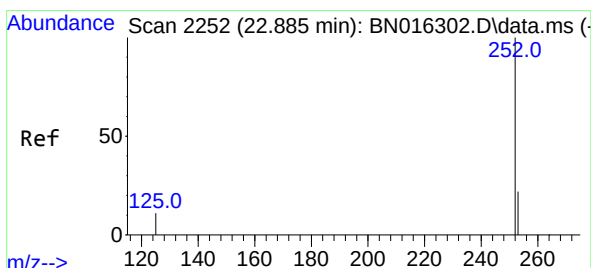
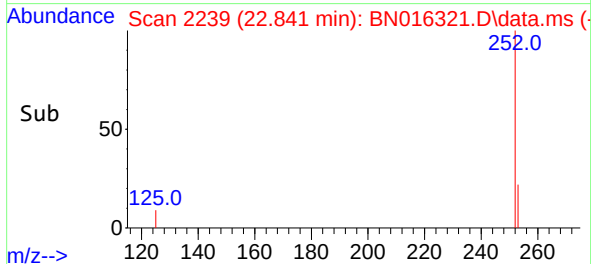
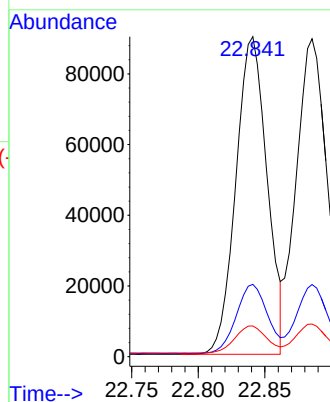
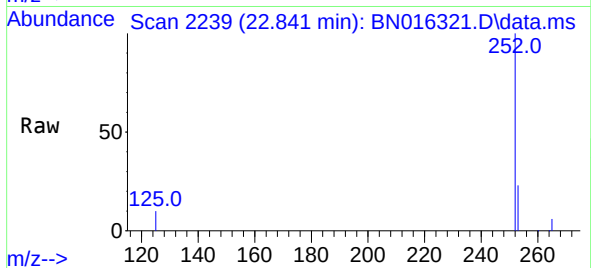
Tgt Ion:252 Resp: 146153

Ion Ratio Lower Upper

252 100

253 22.6 18.2 27.2

125 9.6 8.4 12.6



#38

Benzo(k)fluoranthene

Concen: 0.403 ng

RT: 22.885 min Scan# 2252

Delta R.T. 0.000 min

Lab File: BN016321.D

Acq: 18 Sep 2021 06:44

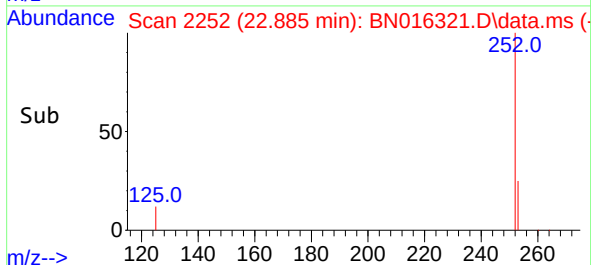
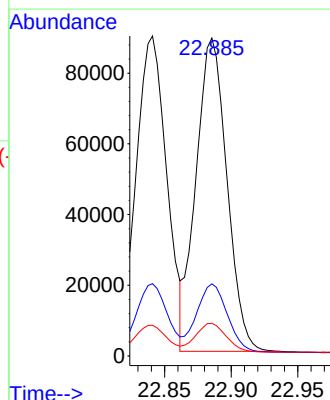
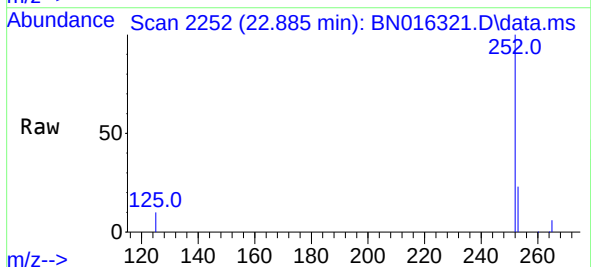
Tgt Ion:252 Resp: 143115

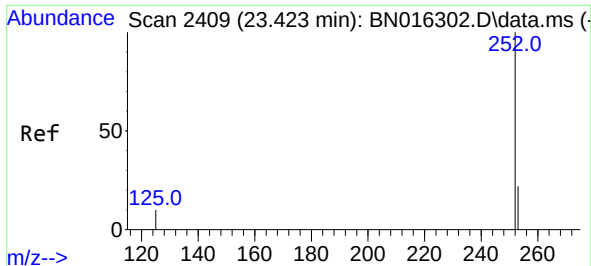
Ion Ratio Lower Upper

252 100

253 22.7 18.2 27.2

125 10.3 8.2 12.4





#39

Benzo(a)pyrene

Concen: 0.404 ng

RT: 23.423 min Scan# 2409

Delta R.T. 0.000 min

Lab File: BN016321.D

Acq: 18 Sep 2021 06:44

Instrument :

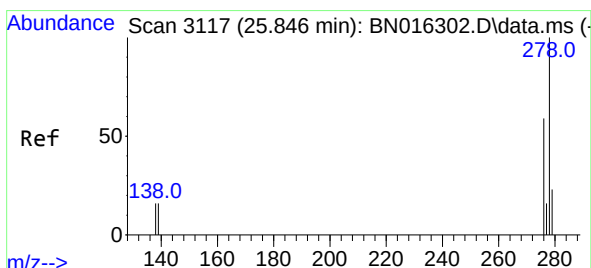
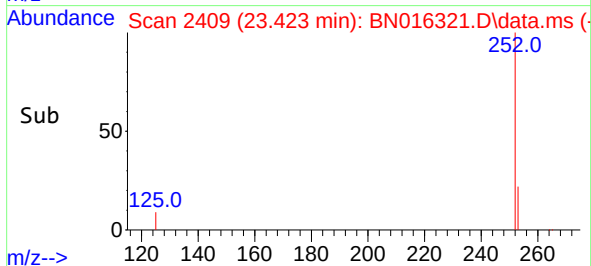
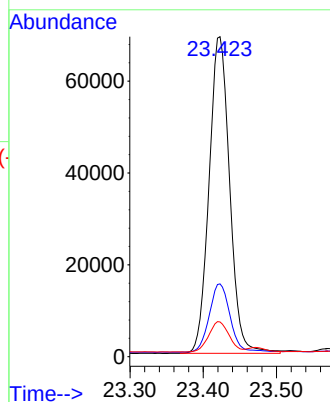
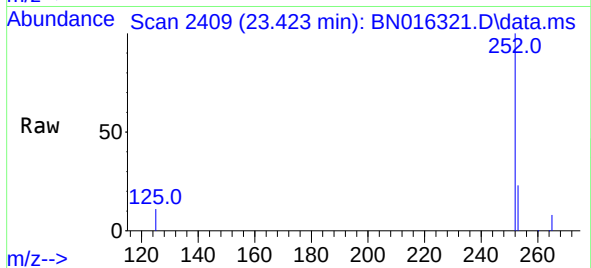
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ClientSampleId :

PB139177BSD

Tgt Ion:252 Resp: 135041

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 22.8  | 18.7  | 28.1  |
| 125 | 10.9  | 9.9   | 14.9  |



#40

Dibenzo(a,h)anthracene

Concen: 0.413 ng

RT: 25.843 min Scan# 3116

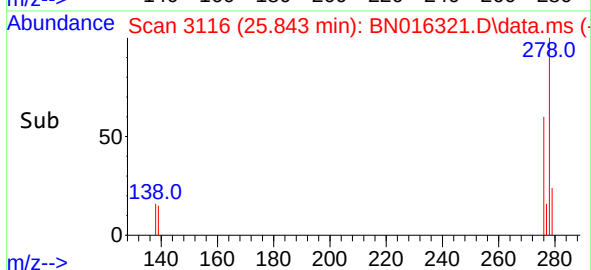
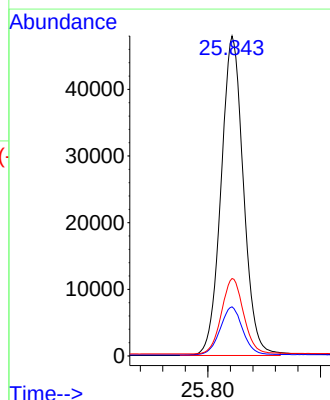
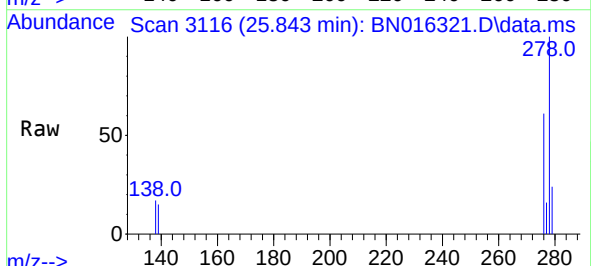
Delta R.T. -0.003 min

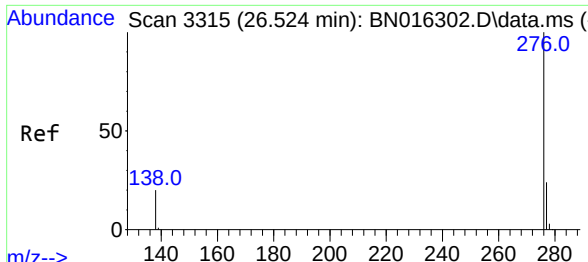
Lab File: BN016321.D

Acq: 18 Sep 2021 06:44

Tgt Ion:278 Resp: 131809

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 278 | 100   |       |       |
| 139 | 15.3  | 14.2  | 21.2  |
| 279 | 24.2  | 21.3  | 31.9  |





#41  
Benzo(g,h,i)perylene  
Concen: 0.411 ng  
RT: 26.521 min Scan# 3314  
Delta R.T. -0.003 min  
Lab File: BN016321.D  
Acq: 18 Sep 2021 06:44

Instrument :  
BNA\_N  
ClientSampleId :  
PB139177BSD

Tgt Ion:276 Resp: 130327  
Ion Ratio Lower Upper  
276 100  
277 23.9 20.5 30.7  
138 19.4 18.2 27.4

