

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN092421\  
 Data File : BN016426.D  
 Acq On : 23 Sep 2021 17:11  
 Operator : CG/JU  
 Sample : SSTDICC3.2  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDICC3.2

Quant Time: Sep 23 17:47:04 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN092421.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Sep 23 16:03:09 2021  
 Response via : Initial Calibration

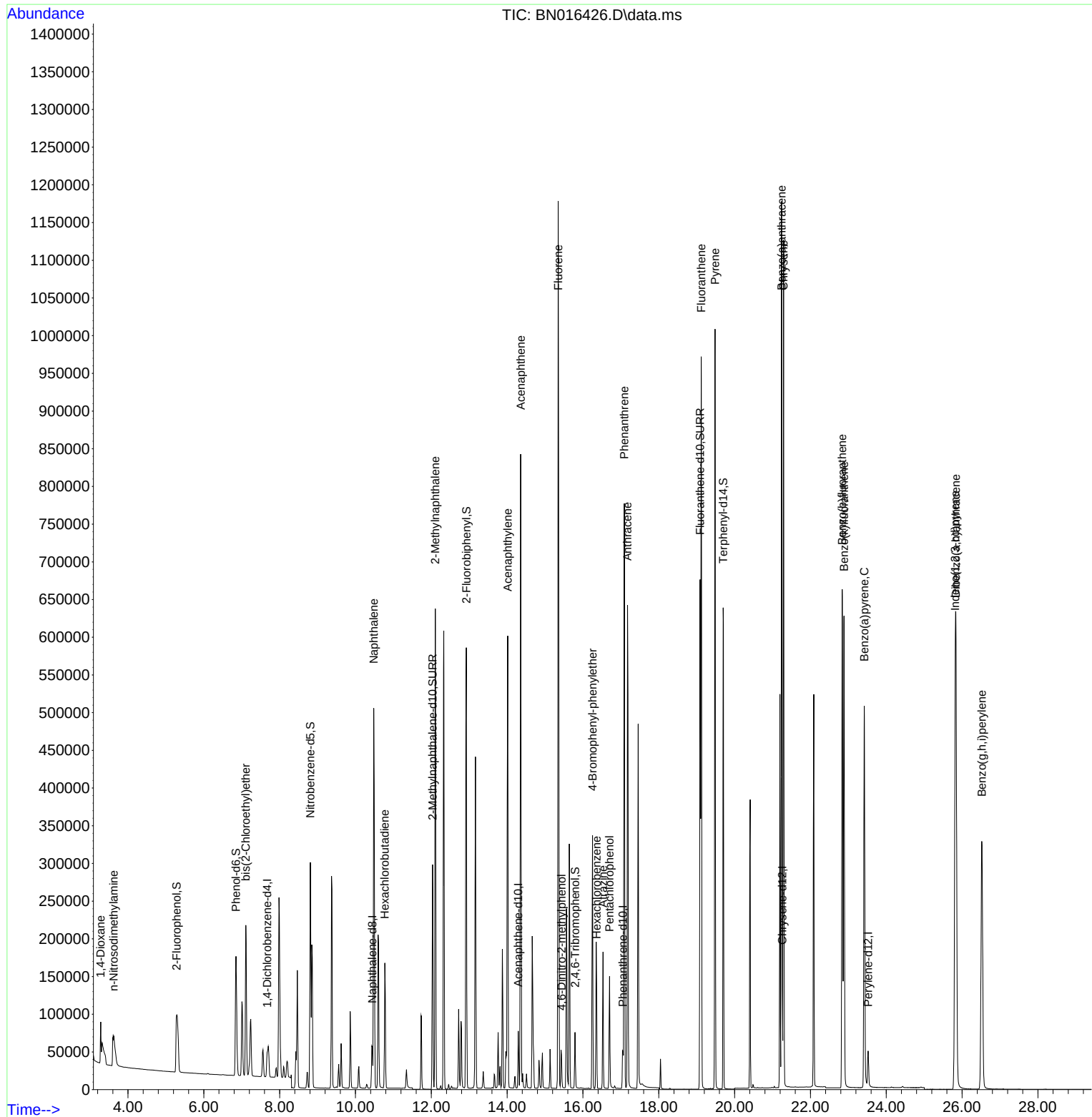
| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.670  | 152  | 20253    | 0.400  | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.445 | 136  | 80573    | 0.400  | ng    | # 0.00   |
| 13) Acenaphthene-d10          | 14.294 | 164  | 41898    | 0.400  | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.054 | 188  | 77658    | 0.400  | ng    | # 0.01   |
| 29) Chrysene-d12              | 21.259 | 240  | 80124    | 0.400  | ng    | # 0.01   |
| 35) Perylene-d12              | 23.522 | 264  | 66149    | 0.400  | ng    | 0.00     |
|                               |        |      |          |        |       |          |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 4) 2-Fluorophenol             | 5.282  | 112  | 149471   | 2.941  | ng    | 0.00     |
| 5) Phenol-d6                  | 6.849  | 99   | 182374   | 2.960  | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 8.810  | 82   | 220111   | 4.598  | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 12.034 | 152  | 396708   | 3.125  | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.791 | 330  | 48189    | 3.917  | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 12.924 | 172  | 546166   | 3.331  | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.088 | 212  | 761225   | 3.386  | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.698 | 244  | 632515   | 3.408  | ng    | 0.00     |
|                               |        |      |          |        |       |          |
| Target Compounds              |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.281  | 88   | 27924    | 3.315  | ng    | # 86     |
| 3) n-Nitrosodimethylamine     | 3.622  | 42   | 72966    | 3.788  | ng    | # 1      |
| 6) bis(2-Chloroethyl)ether    | 7.108  | 93   | 171689   | 3.129  | ng    | 93       |
| 9) Naphthalene                | 10.483 | 128  | 687992   | 3.169  | ng    | 99       |
| 10) Hexachlorobutadiene       | 10.774 | 225  | 140294   | 3.399  | ng    | # 99     |
| 12) 2-Methylnaphthalene       | 12.105 | 142  | 442913   | 3.078  | ng    | 99       |
| 16) Acenaphthylene            | 14.015 | 152  | 638369   | 3.274  | ng    | 100      |
| 17) Acenaphthene              | 14.358 | 154  | 406840   | 3.365  | ng    | 98       |
| 18) Fluorene                  | 15.347 | 166  | 499733   | 3.331  | ng    | 99       |
| 20) 4,6-Dinitro-2-methylph... | 15.436 | 198  | 38658    | 11.903 | ng    | # 53     |
| 21) 4-Bromophenyl-phenylether | 16.251 | 248  | 160854   | 3.540  | ng    | 97       |
| 22) Hexachlorobenzene         | 16.360 | 284  | 151813   | 3.538  | ng    | # 90     |
| 23) Atrazine                  | 16.531 | 200  | 131299   | 3.157  | ng    | 98       |
| 24) Pentachlorophenol         | 16.701 | 266  | 66169    | 4.577  | ng    | 99       |
| 25) Phenanthrene              | 17.091 | 178  | 772324   | 3.520  | ng    | 99       |
| 26) Anthracene                | 17.176 | 178  | 715318   | 3.366  | ng    | 99       |
| 28) Fluoranthene              | 19.118 | 202  | 874025   | 3.458  | ng    | 99       |
| 30) Pyrene                    | 19.485 | 202  | 887359   | 3.502  | ng    | 99       |
| 32) Benzo(a)anthracene        | 21.238 | 228  | 910549   | 3.537  | ng    | 99       |
| 33) Chrysene                  | 21.291 | 228  | 855337   | 3.434  | ng    | 99       |
| 36) Indeno(1,2,3-cd)pyrene    | 25.819 | 276  | 813320   | 3.807  | ng    | 98       |
| 37) Benzo(b)fluoranthene      | 22.837 | 252  | 820157   | 3.904  | ng    | 97       |
| 38) Benzo(k)fluoranthene      | 22.885 | 252  | 782387   | 3.870  | ng    | 98       |
| 39) Benzo(a)pyrene            | 23.419 | 252  | 710495   | 3.740  | ng    | # 95     |
| 40) Dibenzo(a,h)anthracene    | 25.839 | 278  | 683469   | 3.769  | ng    | 93       |
| 41) Benzo(g,h,i)perylene      | 26.521 | 276  | 700152   | 3.879  | ng    | 95       |
| -----                         |        |      |          |        |       |          |

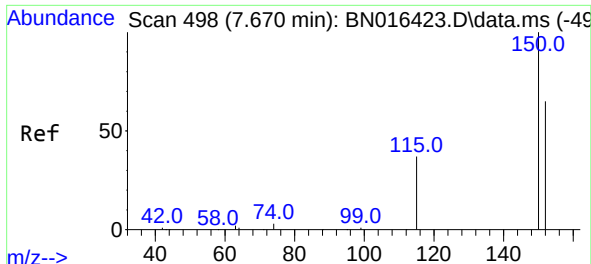
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Sample : SSTDIC3.2  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Sep 23 16:03:09 2021  
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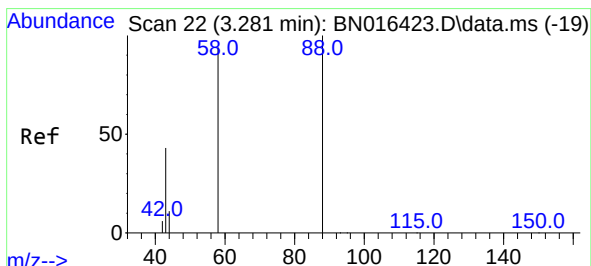
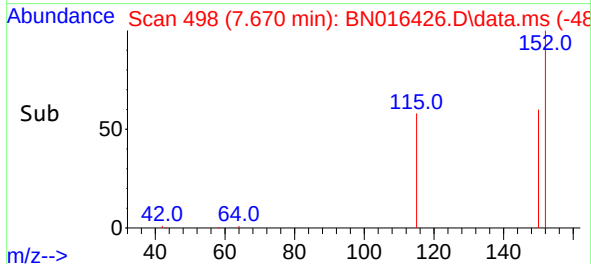
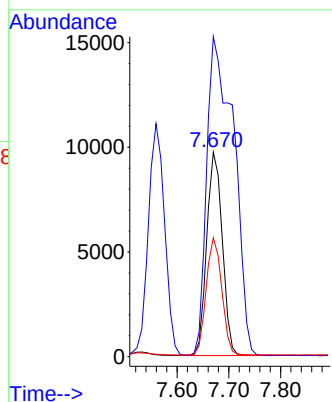
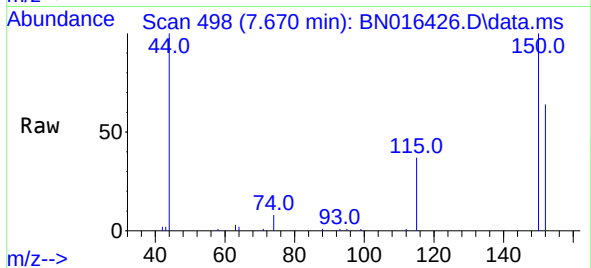




#1  
1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 7.670 min Scan# 498  
Delta R.T. 0.000 min  
Lab File: BN016426.D  
Acq: 23 Sep 2021 17:11

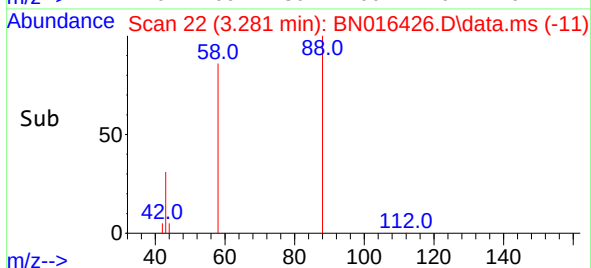
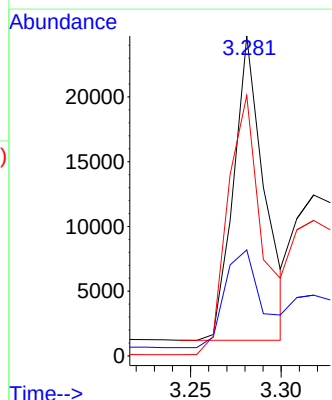
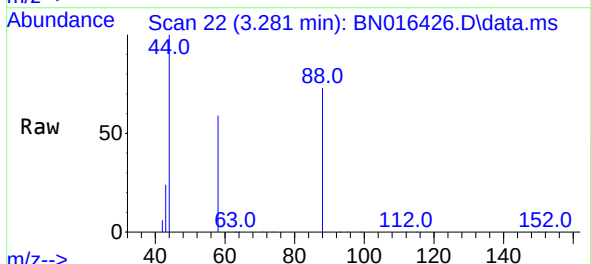
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICC3.2

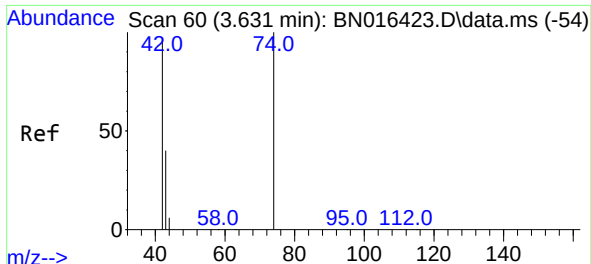
Tgt Ion:152 Resp: 20253  
Ion Ratio Lower Upper  
152 100  
150 156.4 125.6 188.4  
115 58.2 50.2 75.2



#2  
1,4-Dioxane  
Concen: 3.315 ng  
RT: 3.281 min Scan# 22  
Delta R.T. 0.000 min  
Lab File: BN016426.D  
Acq: 23 Sep 2021 17:11

Tgt Ion: 88 Resp: 27924  
Ion Ratio Lower Upper  
88 100  
43 39.3 20.3 30.5#  
58 96.3 69.9 104.9

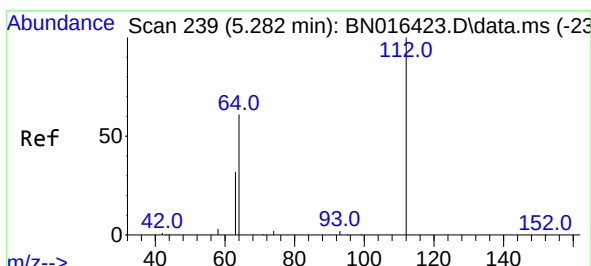
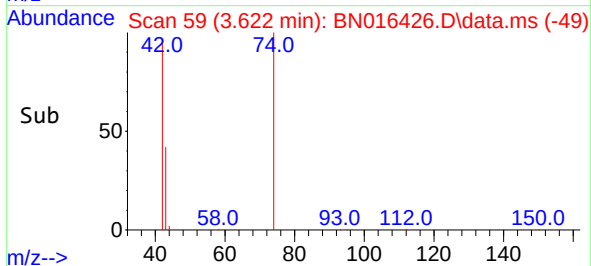
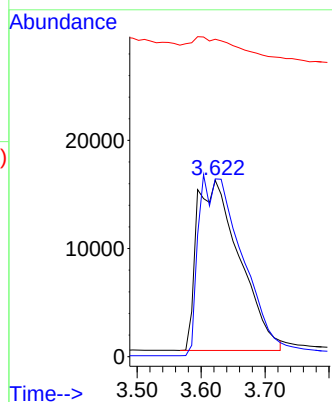
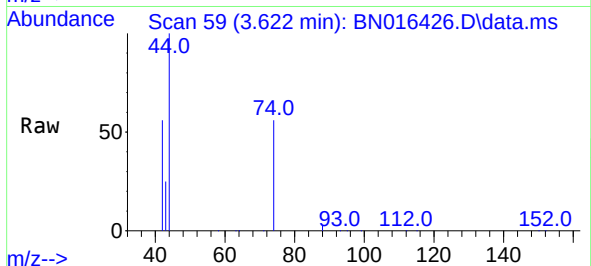




#3  
n-Nitrosodimethylamine  
Concen: 3.788 ng  
RT: 3.622 min Scan# 59  
Delta R.T. -0.009 min  
Lab File: BN016426.D  
Acq: 23 Sep 2021 17:11

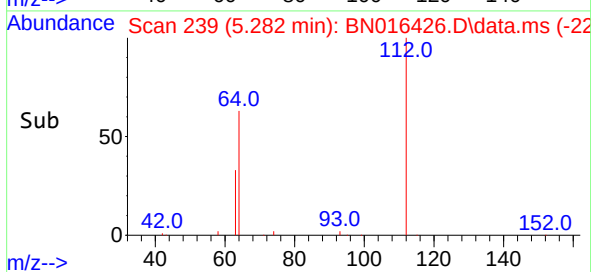
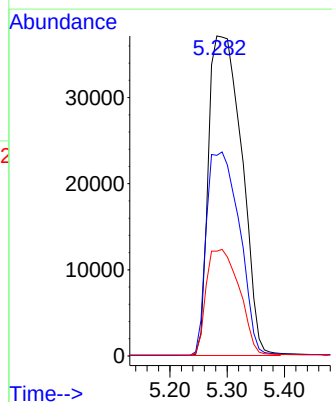
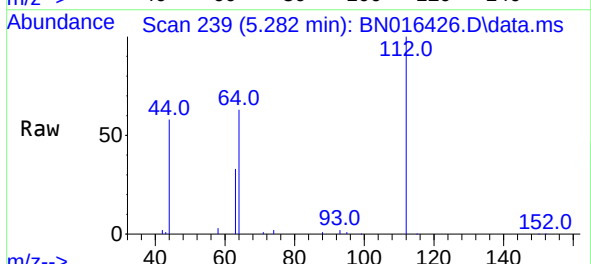
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICC3.2

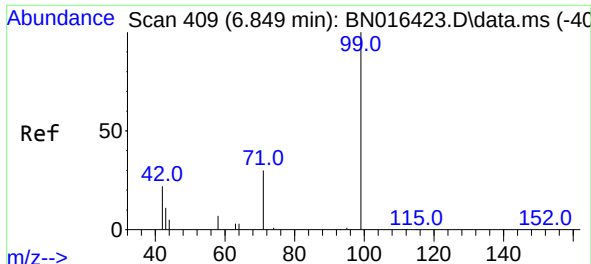
Tgt Ion: 42 Resp: 72966  
Ion Ratio Lower Upper  
42 100  
74 0.0 113.6 170.4#  
44 0.0 0.0 0.0



#4  
2-Fluorophenol  
Concen: 2.941 ng  
RT: 5.282 min Scan# 239  
Delta R.T. 0.000 min  
Lab File: BN016426.D  
Acq: 23 Sep 2021 17:11

Tgt Ion: 112 Resp: 149471  
Ion Ratio Lower Upper  
112 100  
64 63.1 47.3 70.9  
63 32.9 23.4 35.0

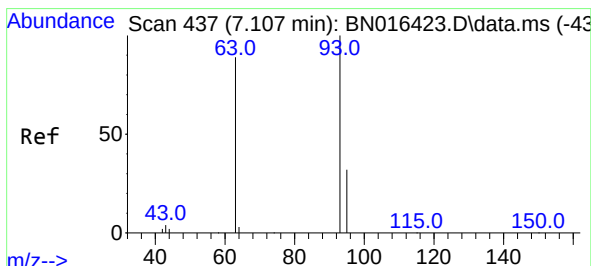
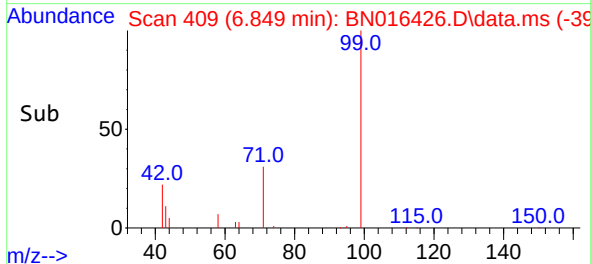
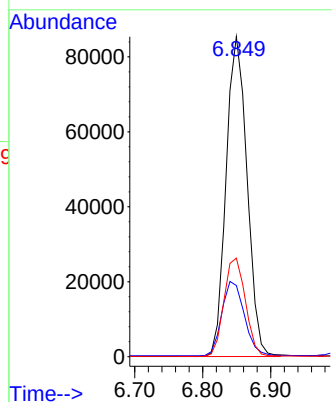
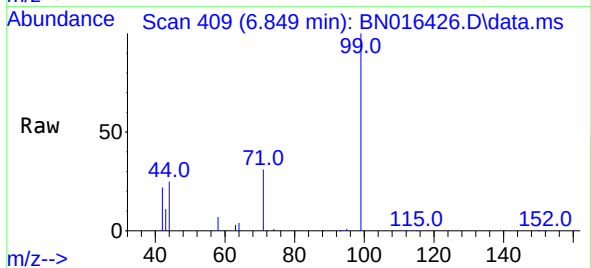




#5  
Phenol-d6  
Concen: 2.960 ng  
RT: 6.849 min Scan# 409  
Delta R.T. 0.000 min  
Lab File: BN016426.D  
Acq: 23 Sep 2021 17:11

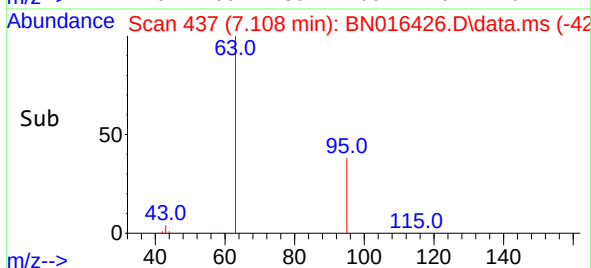
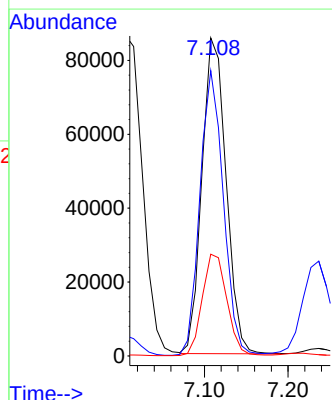
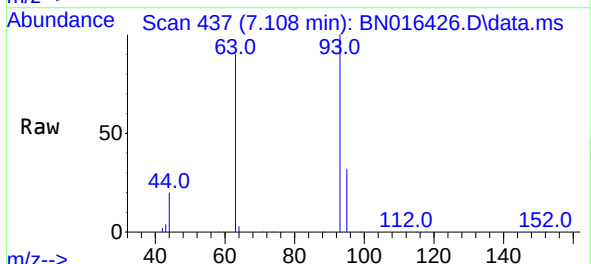
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICC3.2

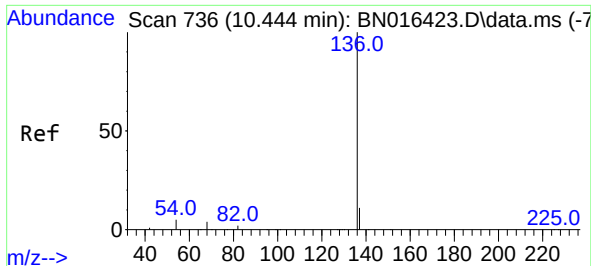
Tgt Ion: 99 Resp: 182374  
Ion Ratio Lower Upper  
99 100  
42 24.9 14.0 21.0#  
71 31.5 23.8 35.6



#6  
bis(2-Chloroethyl)ether  
Concen: 3.129 ng  
RT: 7.108 min Scan# 437  
Delta R.T. 0.000 min  
Lab File: BN016426.D  
Acq: 23 Sep 2021 17:11

Tgt Ion: 93 Resp: 171689  
Ion Ratio Lower Upper  
93 100  
63 87.6 63.4 95.0  
95 32.8 26.8 40.2

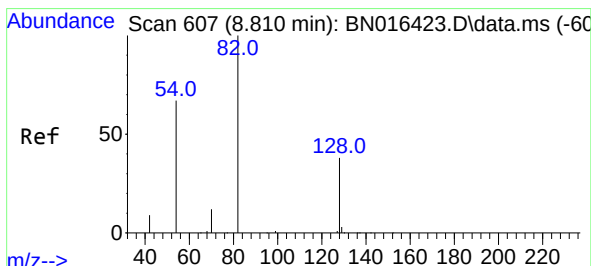
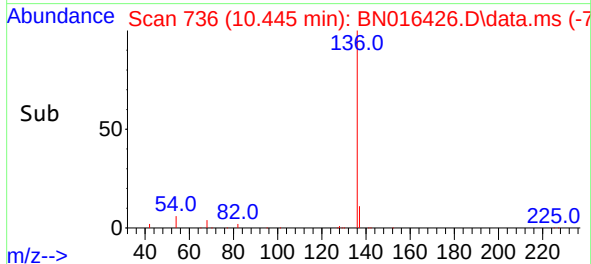
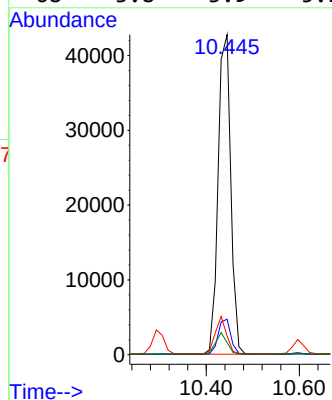
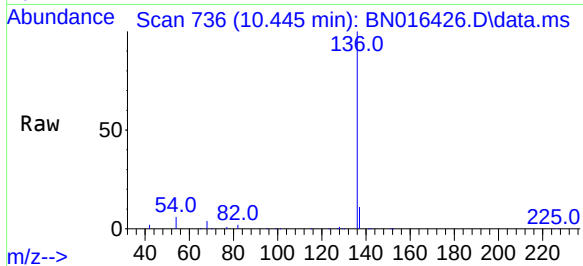




#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.445 min Scan# 736  
Delta R.T. 0.000 min  
Lab File: BN016426.D  
Acq: 23 Sep 2021 17:11

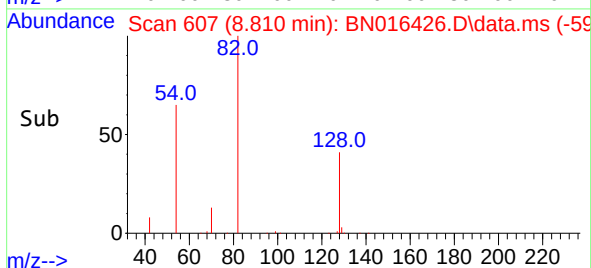
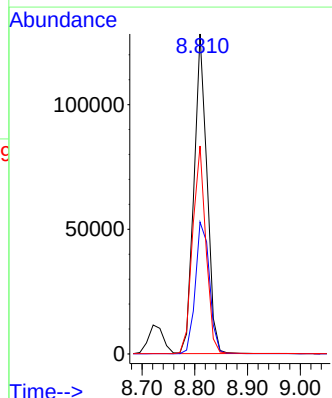
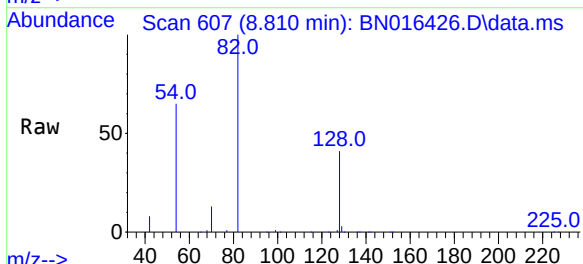
Instrument :  
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ClientSampleId :  
SSTDICC3.2

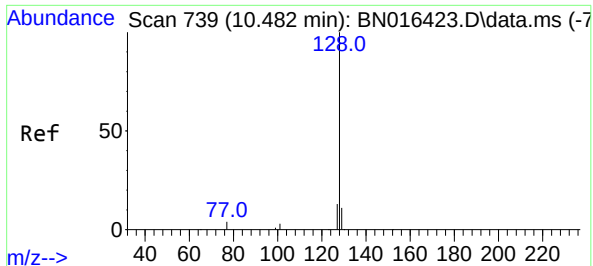
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 136   | Resp: | 80573 |
| Ion      | Ratio | Lower | Upper |
| 136      | 100   |       |       |
| 137      | 11.1  | 8.8   | 13.2  |
| 54       | 5.9   | 5.3   | 7.9   |
| 68       | 3.8   | 3.9   | 5.9   |



#8  
Nitrobenzene-d5  
Concen: 4.598 ng  
RT: 8.810 min Scan# 607  
Delta R.T. 0.000 min  
Lab File: BN016426.D  
Acq: 23 Sep 2021 17:11

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 82    | Resp: | 220111 |
| Ion      | Ratio | Lower | Upper  |
| 82       | 100   |       |        |
| 128      | 41.2  | 31.7  | 47.5   |
| 54       | 65.0  | 46.4  | 69.6   |

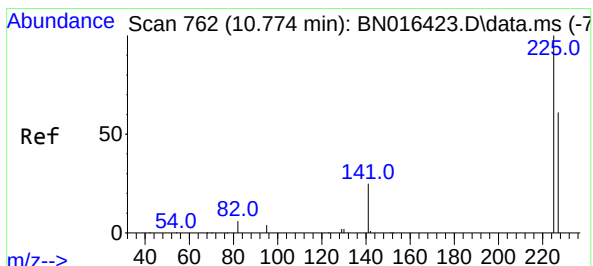
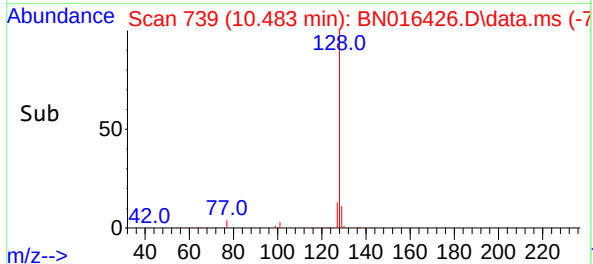
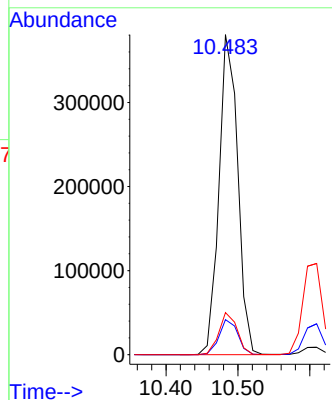
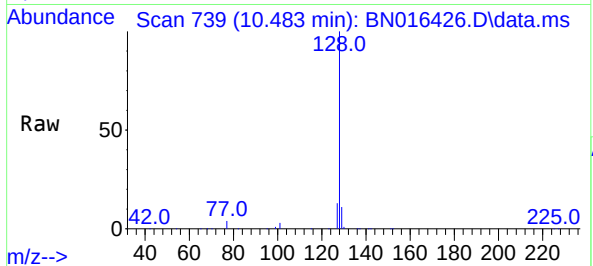




#9  
Naphthalene  
Concen: 3.169 ng  
RT: 10.483 min Scan# 739  
Delta R.T. 0.000 min  
Lab File: BN016426.D  
Acq: 23 Sep 2021 17:11

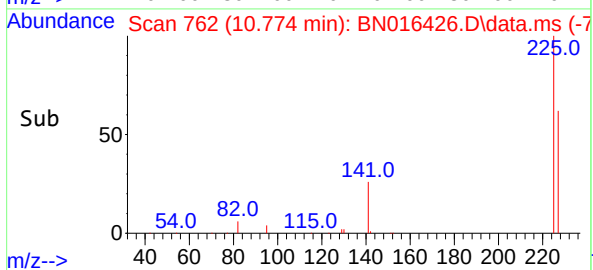
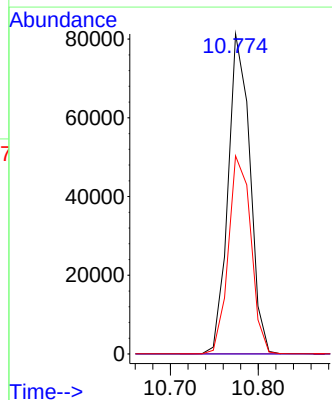
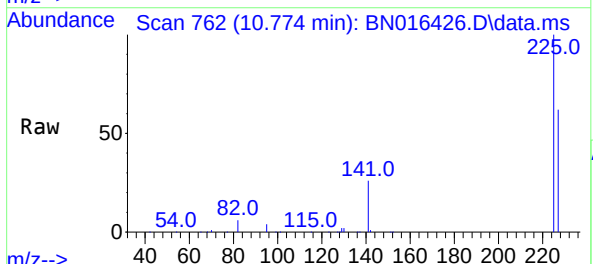
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICC3.2

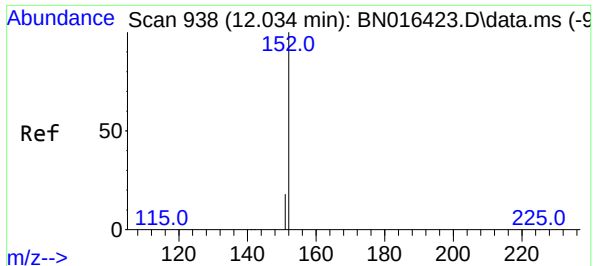
Tgt Ion:128 Resp: 687992  
Ion Ratio Lower Upper  
128 100  
129 10.9 8.9 13.3  
127 13.1 10.1 15.1



#10  
Hexachlorobutadiene  
Concen: 3.399 ng  
RT: 10.774 min Scan# 762  
Delta R.T. 0.000 min  
Lab File: BN016426.D  
Acq: 23 Sep 2021 17:11

Tgt Ion:225 Resp: 140294  
Ion Ratio Lower Upper  
225 100  
223 0.0 0.0 0.0  
227 63.7 51.5 77.3

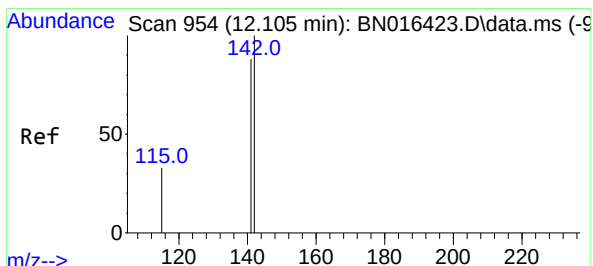
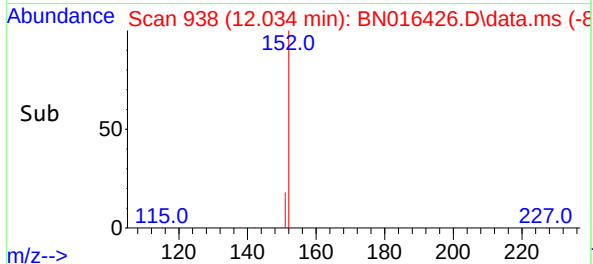
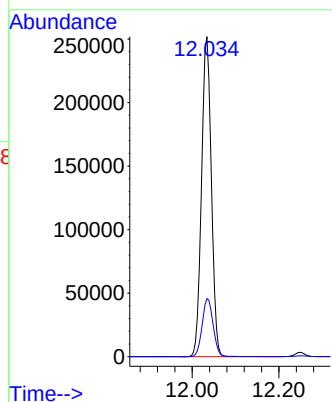
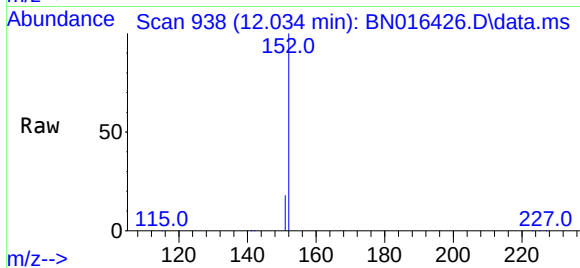




#11  
2-Methylnaphthalene-d10  
Concen: 3.125 ng  
RT: 12.034 min Scan# 938  
Delta R.T. 0.000 min  
Lab File: BN016426.D  
Acq: 23 Sep 2021 17:11

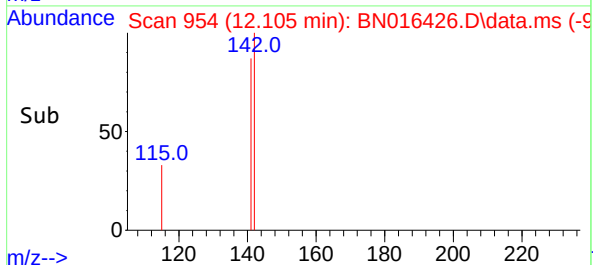
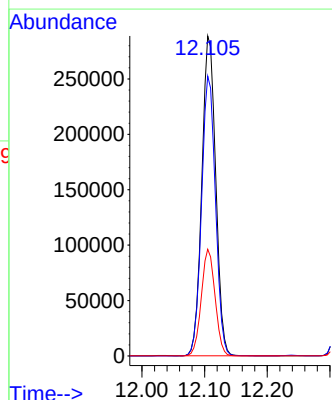
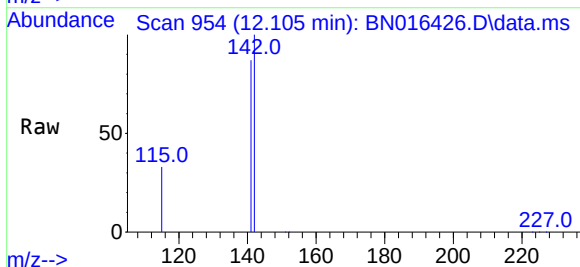
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICC3.2

Tgt Ion:152 Resp: 396708  
Ion Ratio Lower Upper  
152 100  
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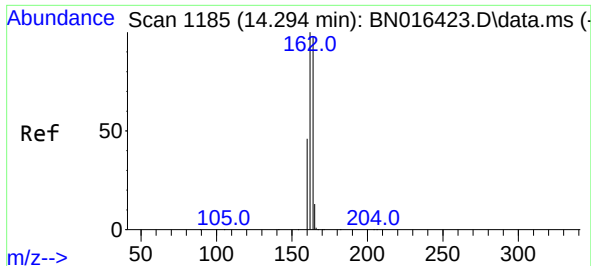


#12  
2-Methylnaphthalene  
Concen: 3.078 ng  
RT: 12.105 min Scan# 954  
Delta R.T. 0.000 min  
Lab File: BN016426.D  
Acq: 23 Sep 2021 17:11

Tgt Ion:142 Resp: 442913  
Ion Ratio Lower Upper  
142 100  
141 87.4 69.8 104.8  
115 33.3 24.4 36.6





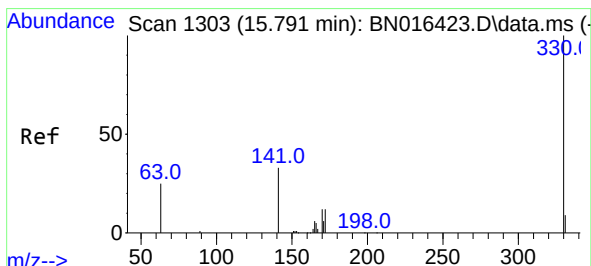
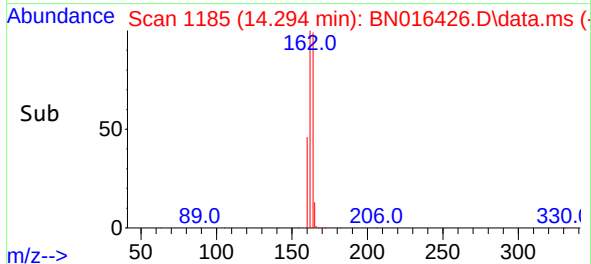
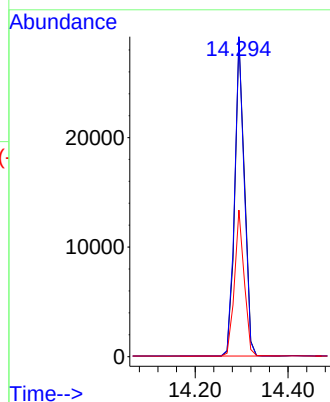
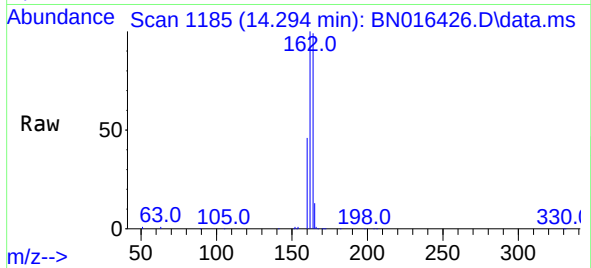


#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.294 min Scan# 1185  
Delta R.T. 0.000 min  
Lab File: BN016426.D  
Acq: 23 Sep 2021 17:11

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICC3.2

Tgt Ion:164 Resp: 41898  

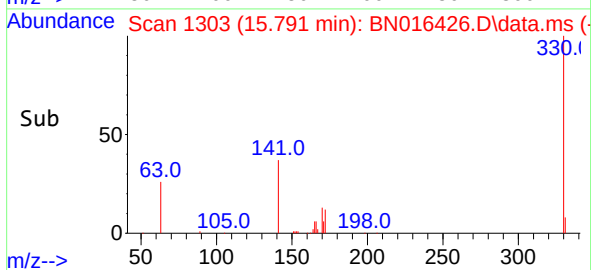
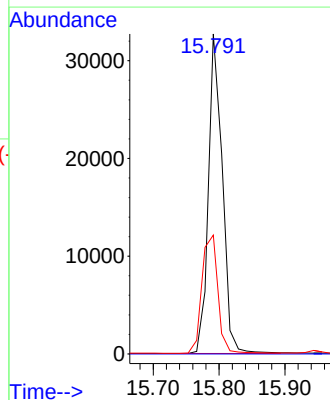
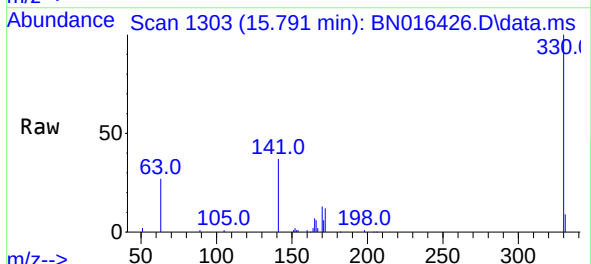
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 162 | 100.6 | 79.0  | 118.4 |
| 160 | 46.1  | 34.1  | 51.1  |

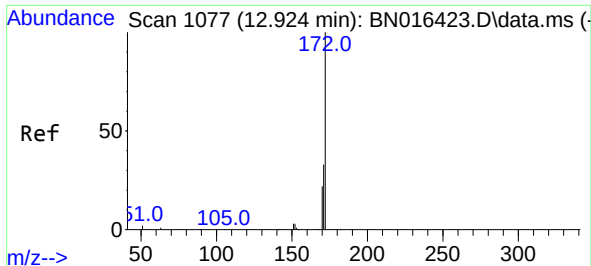


#14  
2,4,6-Tribromophenol  
Concen: 3.917 ng  
RT: 15.791 min Scan# 1303  
Delta R.T. 0.000 min  
Lab File: BN016426.D  
Acq: 23 Sep 2021 17:11

Tgt Ion:330 Resp: 48189  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 330 | 100   |       |       |
| 332 | 0.0   | 0.0   | 0.0   |
| 141 | 42.5  | 25.0  | 37.4  |

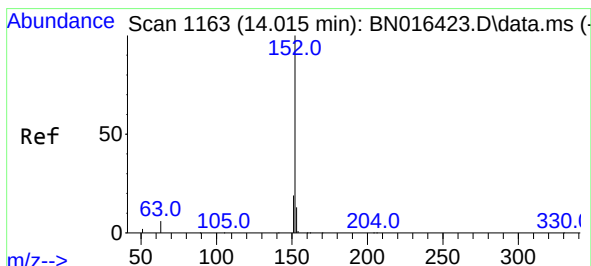
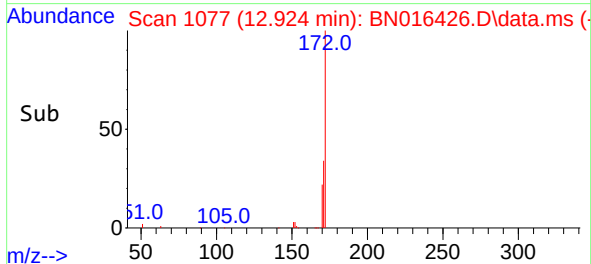
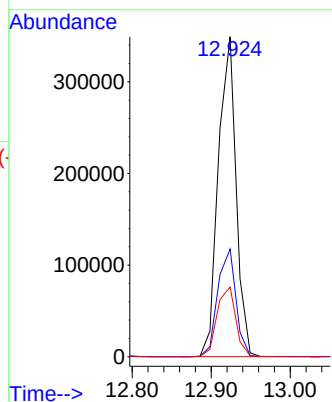
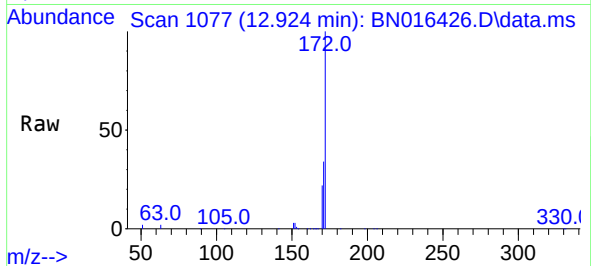




#15  
2-Fluorobiphenyl  
Concen: 3.331 ng  
RT: 12.924 min Scan# 1077  
Delta R.T. 0.000 min  
Lab File: BN016426.D  
Acq: 23 Sep 2021 17:11

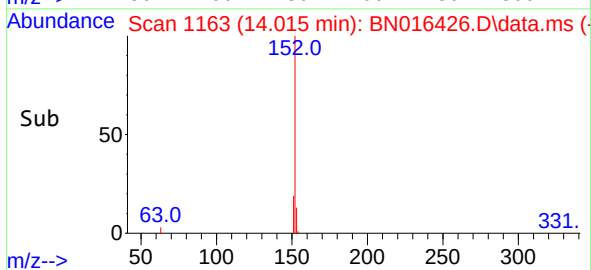
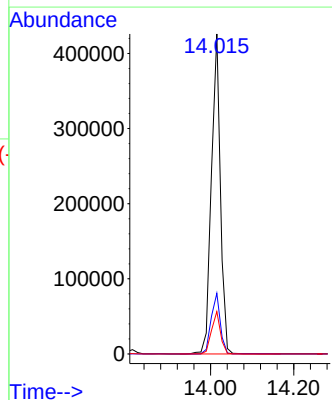
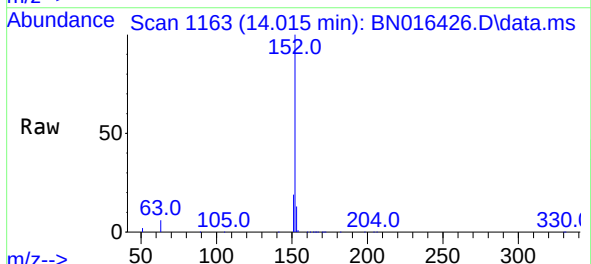
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICC3.2

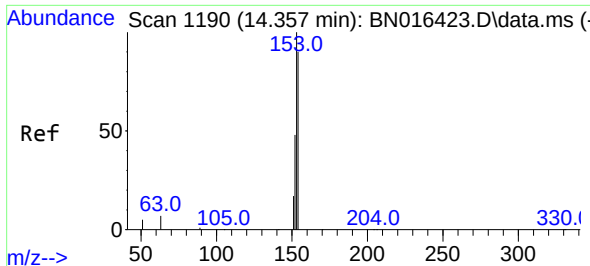
Tgt Ion:172 Resp: 546166  
Ion Ratio Lower Upper  
172 100  
171 33.6 27.8 41.6  
170 21.7 18.2 27.2



#16  
Acenaphthylene  
Concen: 3.274 ng  
RT: 14.015 min Scan# 1163  
Delta R.T. 0.000 min  
Lab File: BN016426.D  
Acq: 23 Sep 2021 17:11

Tgt Ion:152 Resp: 638369  
Ion Ratio Lower Upper  
152 100  
151 19.2 15.2 22.8  
153 13.1 10.5 15.7

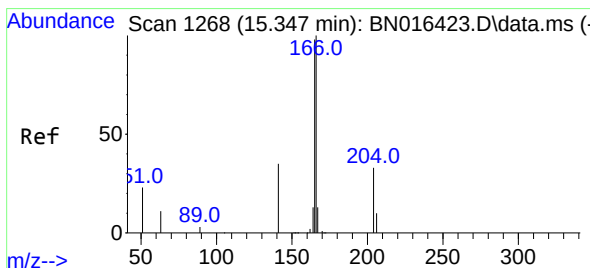
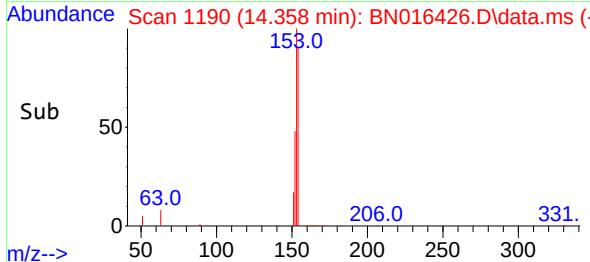
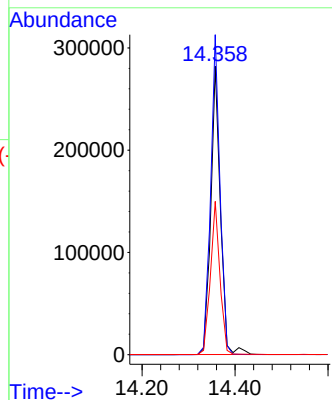
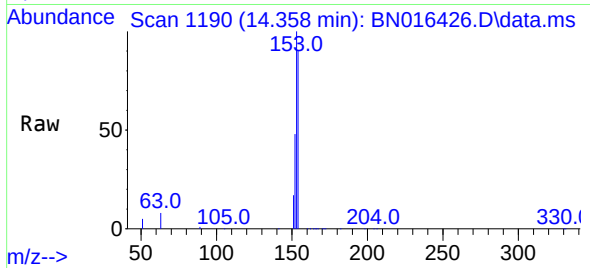




#17  
Acenaphthene  
Concen: 3.365 ng  
RT: 14.358 min Scan# 1190  
Delta R.T. 0.000 min  
Lab File: BN016426.D  
Acq: 23 Sep 2021 17:11

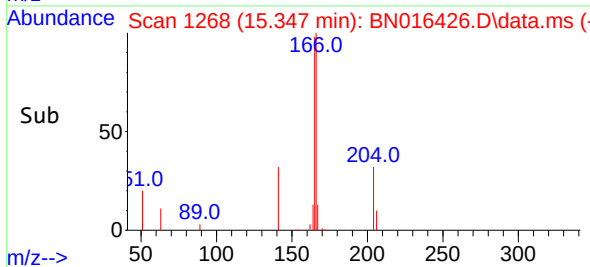
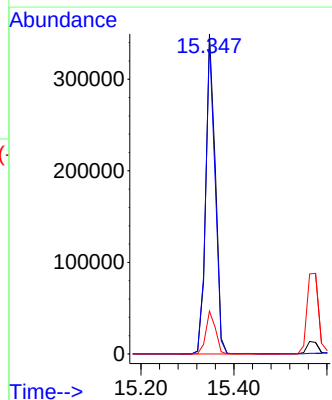
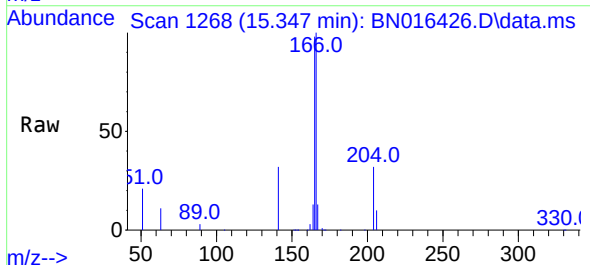
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICC3.2

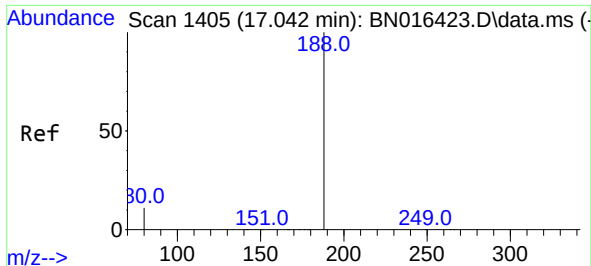
Tgt Ion:154 Resp: 406840  
Ion Ratio Lower Upper  
154 100  
153 108.8 89.3 133.9  
152 52.7 42.2 63.4



#18  
Fluorene  
Concen: 3.331 ng  
RT: 15.347 min Scan# 1268  
Delta R.T. 0.000 min  
Lab File: BN016426.D  
Acq: 23 Sep 2021 17:11

Tgt Ion:166 Resp: 499733  
Ion Ratio Lower Upper  
166 100  
165 96.8 76.7 115.1  
167 13.5 10.9 16.3

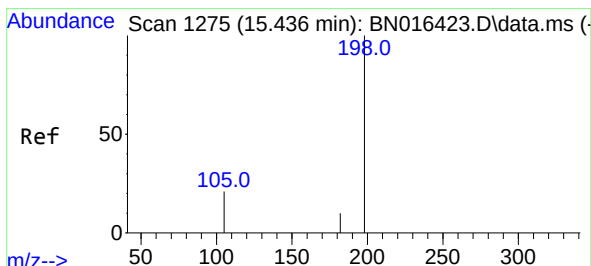
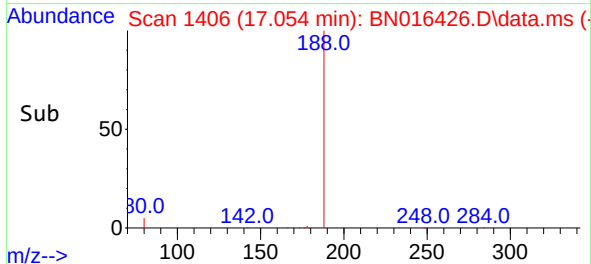
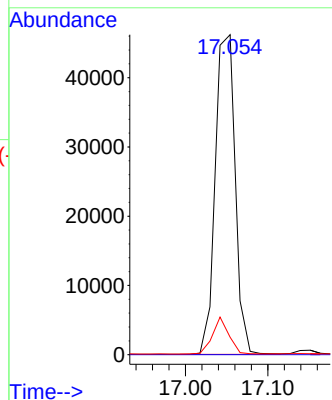
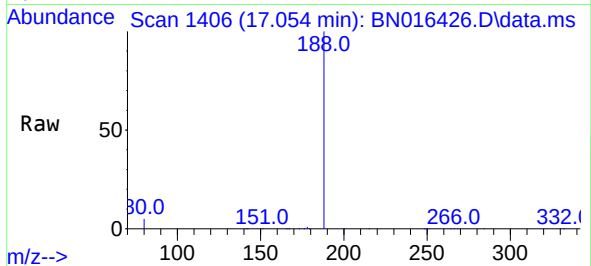




#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.054 min Scan# 1406  
Delta R.T. 0.012 min  
Lab File: BN016426.D  
Acq: 23 Sep 2021 17:11

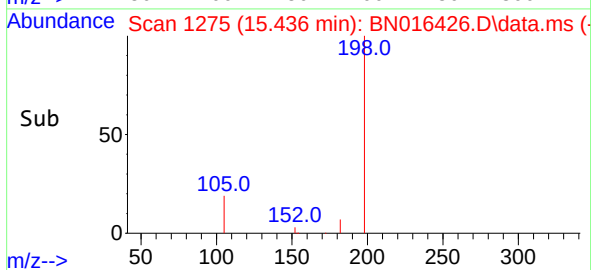
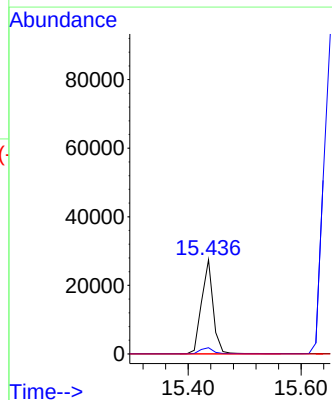
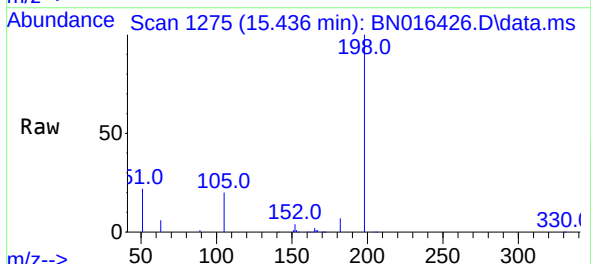
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICC3.2

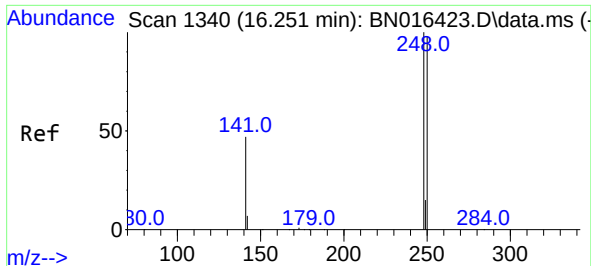
Tgt Ion:188 Resp: 77658  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 5.4 7.0 10.6#



#20  
4,6-Dinitro-2-methylphenol  
Concen: 11.903 ng  
RT: 15.436 min Scan# 1275  
Delta R.T. 0.000 min  
Lab File: BN016426.D  
Acq: 23 Sep 2021 17:11

Tgt Ion:198 Resp: 38658  
Ion Ratio Lower Upper  
198 100  
182 6.7 26.6 39.8#  
77 0.0 0.0 0.0

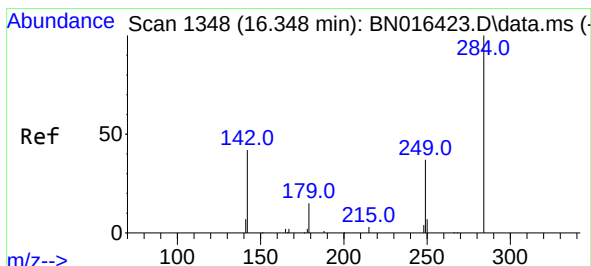
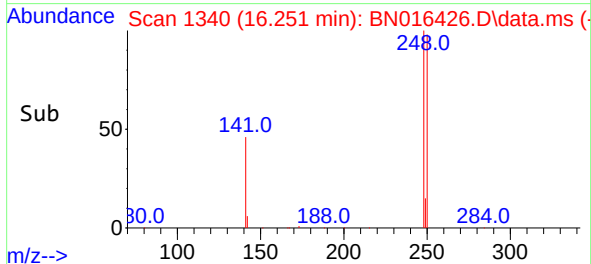
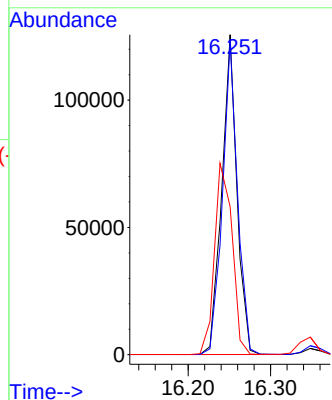
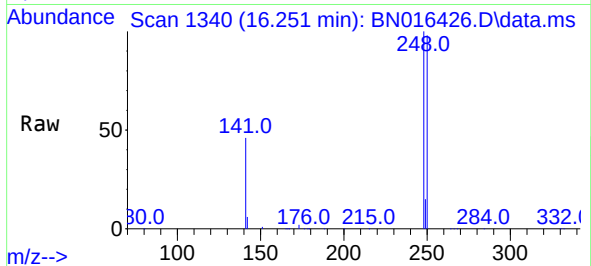




#21  
4-Bromophenyl-phenylether  
Concen: 3.540 ng  
RT: 16.251 min Scan# 1340  
Delta R.T. 0.000 min  
Lab File: BN016426.D  
Acq: 23 Sep 2021 17:11

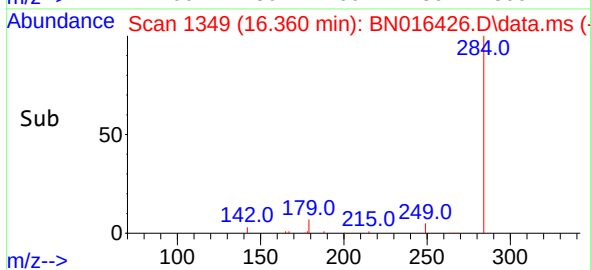
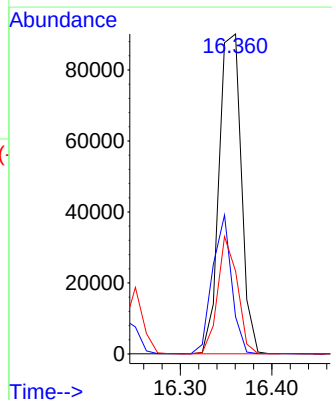
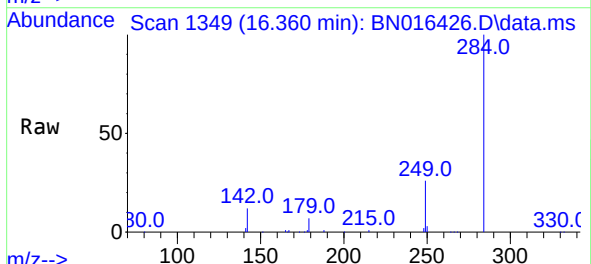
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICC3.2

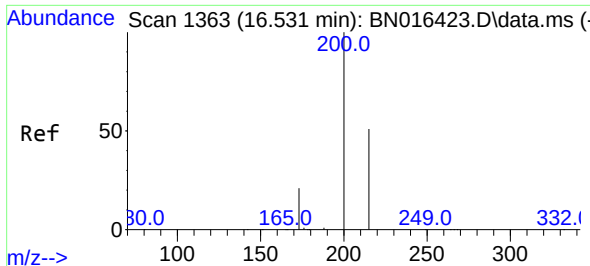
Tgt Ion:248 Resp: 160854  
Ion Ratio Lower Upper  
248 100  
250 97.9 80.5 120.7  
141 46.3 34.8 52.2



#22  
Hexachlorobenzene  
Concen: 3.538 ng  
RT: 16.360 min Scan# 1349  
Delta R.T. 0.012 min  
Lab File: BN016426.D  
Acq: 23 Sep 2021 17:11

Tgt Ion:284 Resp: 151813  
Ion Ratio Lower Upper  
284 100  
142 37.3 22.6 34.0#  
249 32.4 24.4 36.6

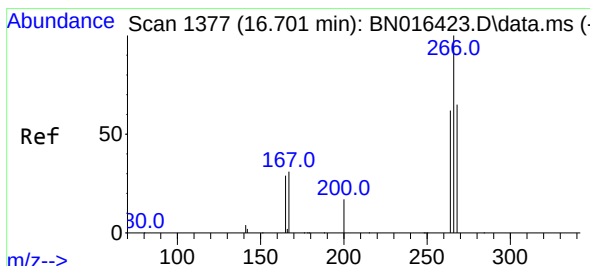
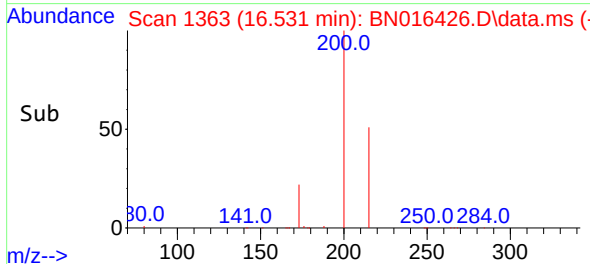
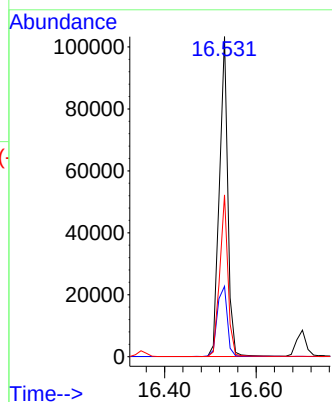
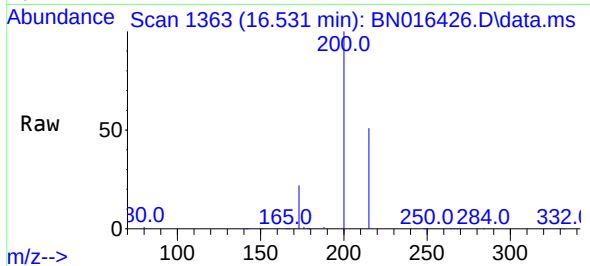




#23  
Atrazine  
Concen: 3.157 ng  
RT: 16.531 min Scan# 1363  
Delta R.T. 0.000 min  
Lab File: BN016426.D  
Acq: 23 Sep 2021 17:11

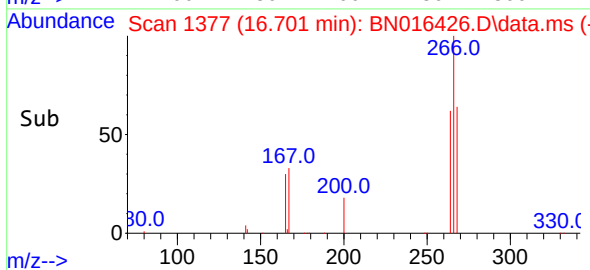
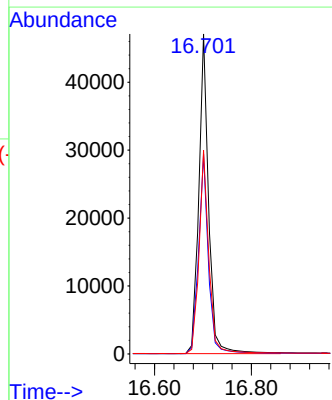
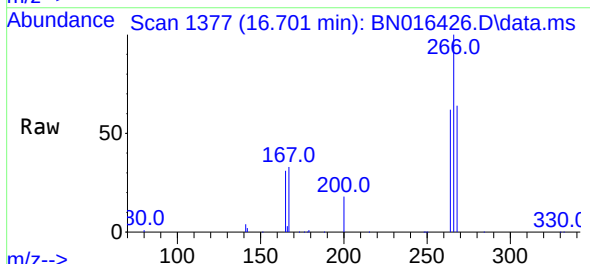
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICC3.2

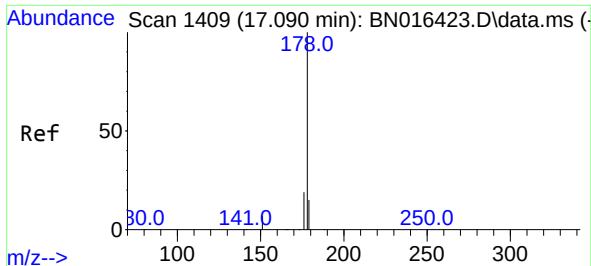
Tgt Ion:200 Resp: 131299  
Ion Ratio Lower Upper  
200 100  
173 22.0 18.7 28.1  
215 50.6 41.6 62.4



#24  
Pentachlorophenol  
Concen: 4.577 ng  
RT: 16.701 min Scan# 1377  
Delta R.T. 0.000 min  
Lab File: BN016426.D  
Acq: 23 Sep 2021 17:11

Tgt Ion:266 Resp: 66169  
Ion Ratio Lower Upper  
266 100  
264 62.9 50.6 75.8  
268 63.9 52.6 79.0

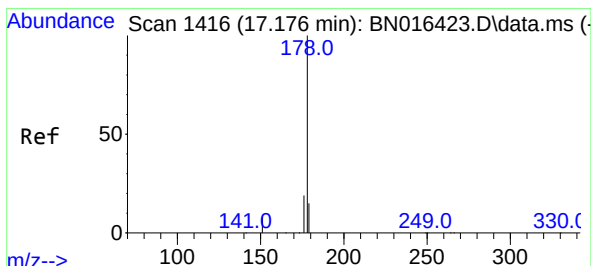
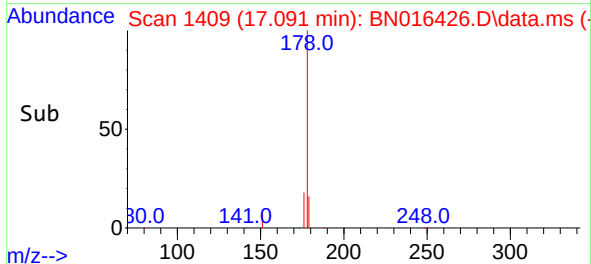
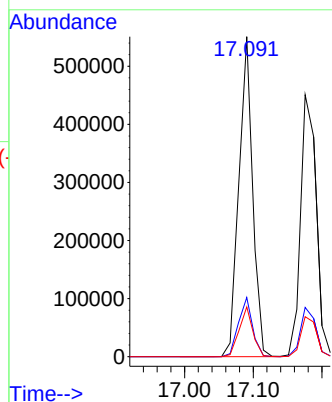
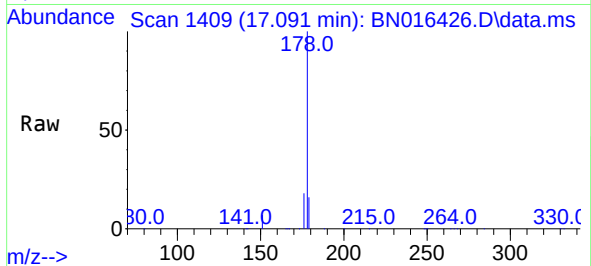




#25  
Phenanthrene  
Concen: 3.520 ng  
RT: 17.091 min Scan# 1409  
Delta R.T. 0.000 min  
Lab File: BN016426.D  
Acq: 23 Sep 2021 17:11

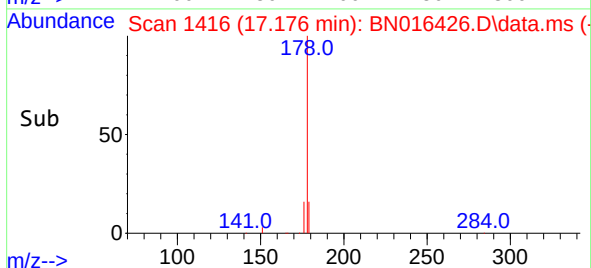
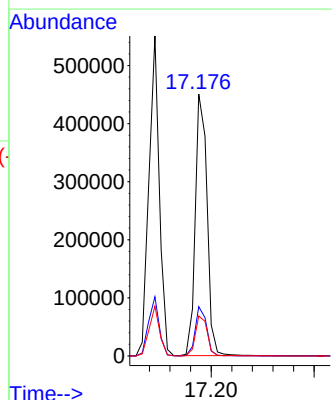
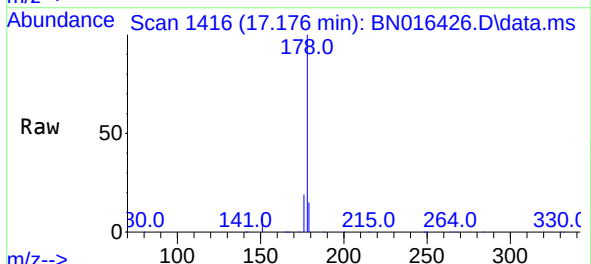
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICC3.2

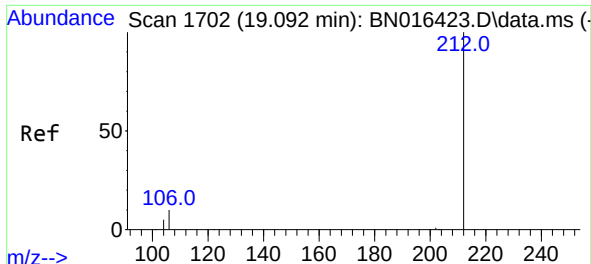
Tgt Ion:178 Resp: 772324  
Ion Ratio Lower Upper  
178 100  
176 18.8 14.4 21.6  
179 15.4 12.2 18.4



#26  
Anthracene  
Concen: 3.366 ng  
RT: 17.176 min Scan# 1416  
Delta R.T. 0.000 min  
Lab File: BN016426.D  
Acq: 23 Sep 2021 17:11

Tgt Ion:178 Resp: 715318  
Ion Ratio Lower Upper  
178 100  
176 18.2 13.9 20.9  
179 15.5 12.2 18.4

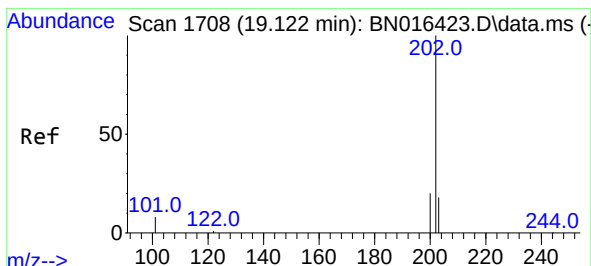
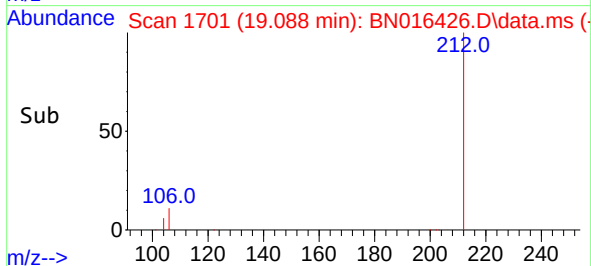
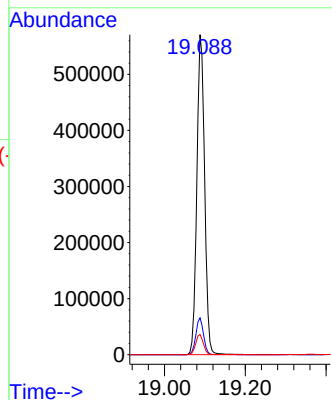
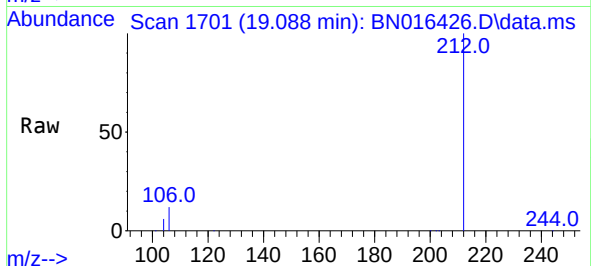




#27  
Fluoranthene-d10  
Concen: 3.386 ng  
RT: 19.088 min Scan# 1701  
Delta R.T. -0.005 min  
Lab File: BN016426.D  
Acq: 23 Sep 2021 17:11

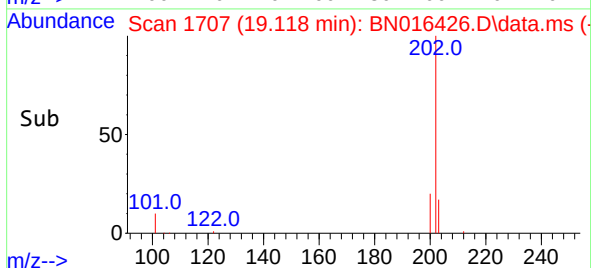
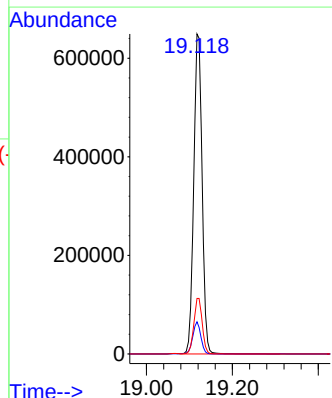
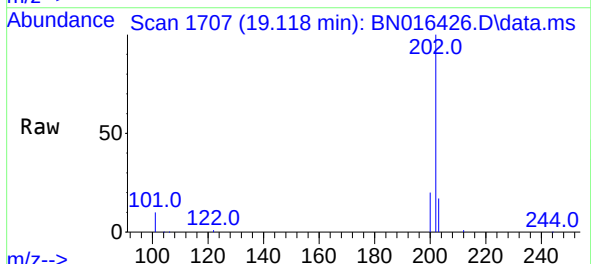
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICC3.2

Tgt Ion:212 Resp: 761225  
Ion Ratio Lower Upper  
212 100  
106 11.3 9.8 14.6  
104 6.2 5.4 8.2

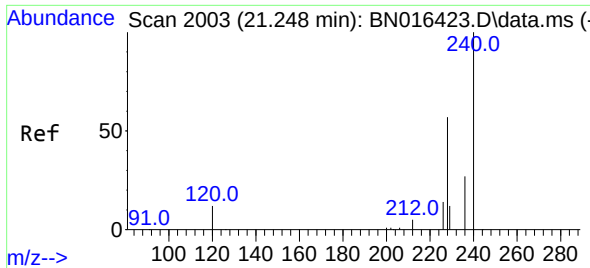


#28  
Fluoranthene  
Concen: 3.458 ng  
RT: 19.118 min Scan# 1707  
Delta R.T. -0.005 min  
Lab File: BN016426.D  
Acq: 23 Sep 2021 17:11

Tgt Ion:202 Resp: 874025  
Ion Ratio Lower Upper  
202 100  
101 9.8 8.5 12.7  
203 17.4 13.8 20.8



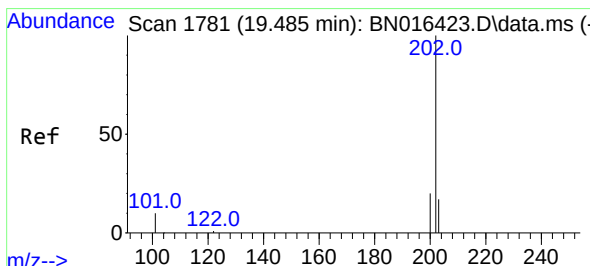
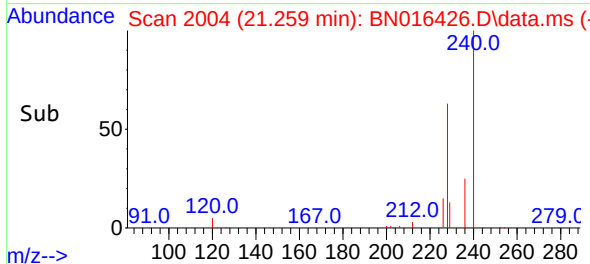
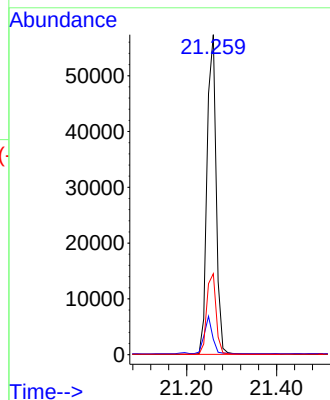
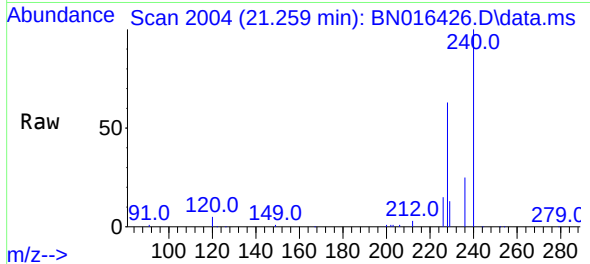




#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.259 min Scan# 2004  
Delta R.T. 0.011 min  
Lab File: BN016426.D  
Acq: 23 Sep 2021 17:11

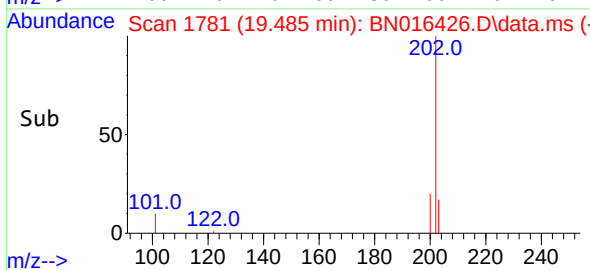
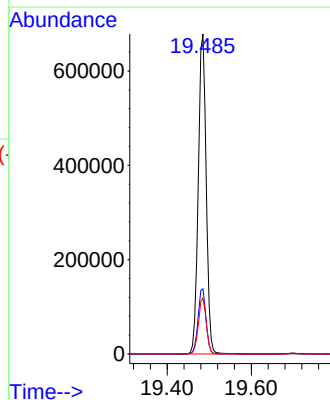
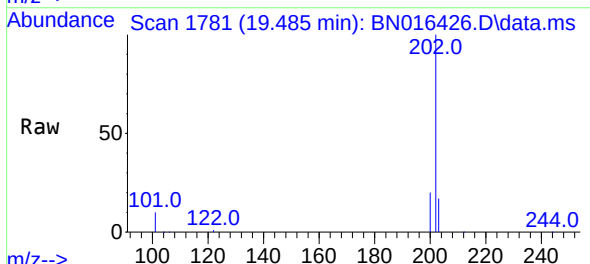
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICC3.2

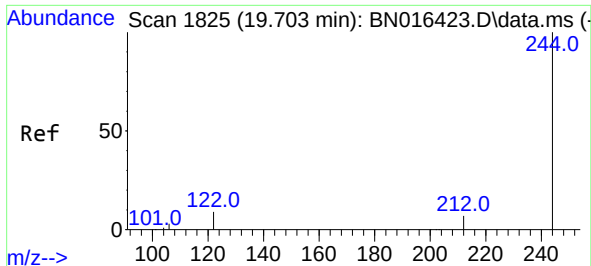
Tgt Ion:240 Resp: 80124  
Ion Ratio Lower Upper  
240 100  
120 4.8 5.3 7.9#  
236 25.3 19.8 29.8



#30  
Pyrene  
Concen: 3.502 ng  
RT: 19.485 min Scan# 1781  
Delta R.T. 0.000 min  
Lab File: BN016426.D  
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Tgt Ion:202 Resp: 887359  
Ion Ratio Lower Upper  
202 100  
200 20.5 15.8 23.6  
203 17.6 13.9 20.9

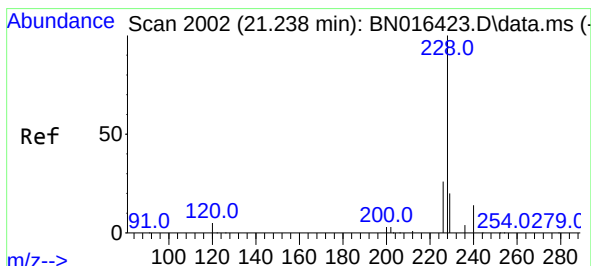
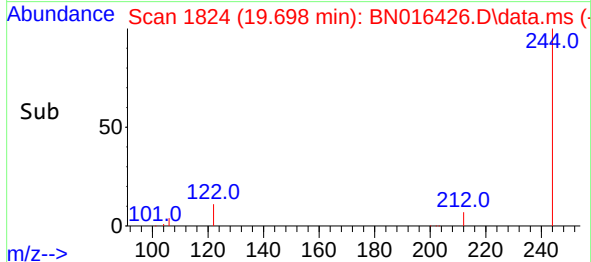
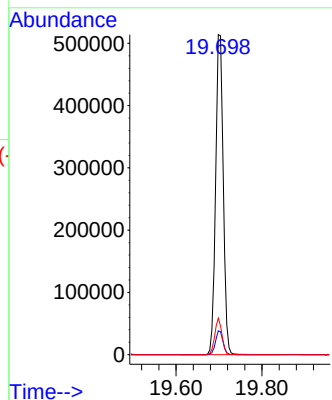
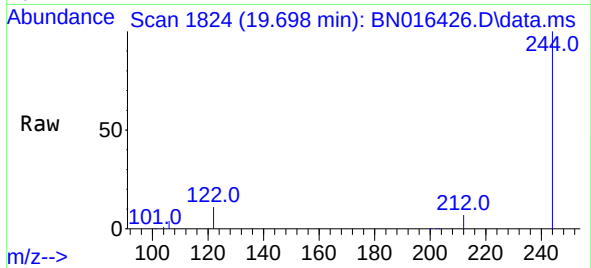




#31  
 Terphenyl-d14  
 Concen: 3.408 ng  
 RT: 19.698 min Scan# 1824  
 Delta R.T. -0.005 min  
 Lab File: BN016426.D  
 Acq: 23 Sep 2021 17:11

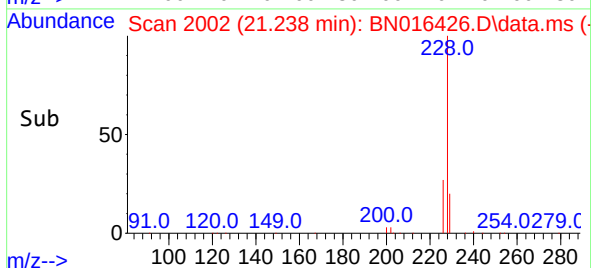
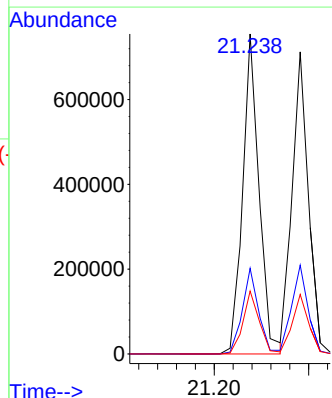
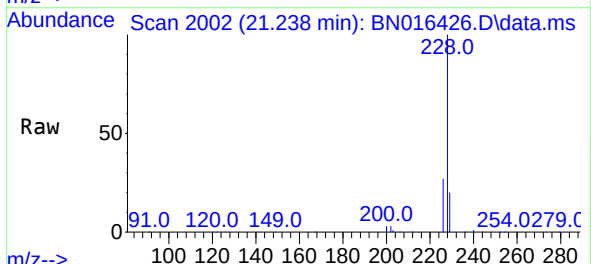
Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDICC3.2

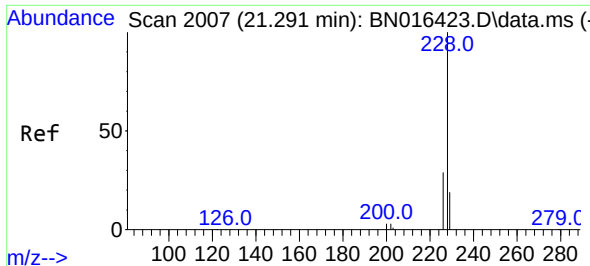
Tgt Ion:244 Resp: 632515  
 Ion Ratio Lower Upper  
 244 100  
 212 7.4 5.5 8.3  
 122 11.4 9.0 13.4



#32  
 Benzo(a)anthracene  
 Concen: 3.537 ng  
 RT: 21.238 min Scan# 2002  
 Delta R.T. 0.000 min  
 Lab File: BN016426.D  
 Acq: 23 Sep 2021 17:11

Tgt Ion:228 Resp: 910549  
 Ion Ratio Lower Upper  
 228 100  
 226 26.8 20.8 31.2  
 229 19.6 15.8 23.6

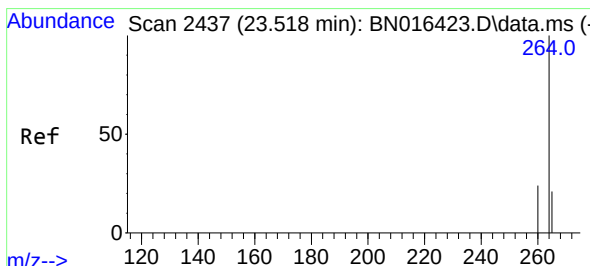
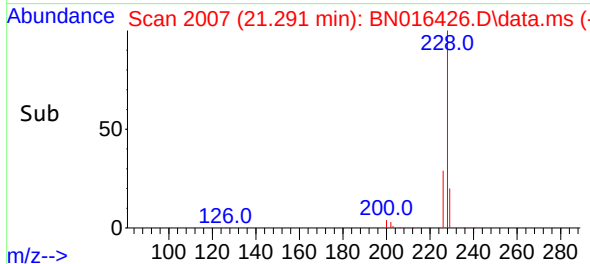
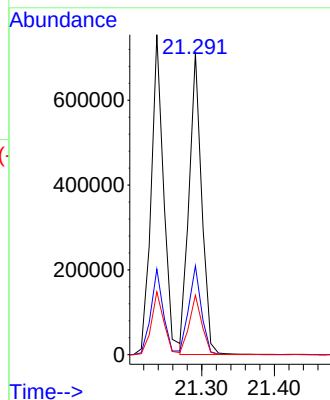
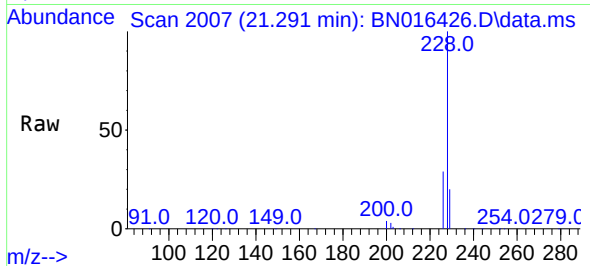




#33  
Chrysene  
Concen: 3.434 ng  
RT: 21.291 min Scan# 2007  
Delta R.T. 0.000 min  
Lab File: BN016426.D  
Acq: 23 Sep 2021 17:11

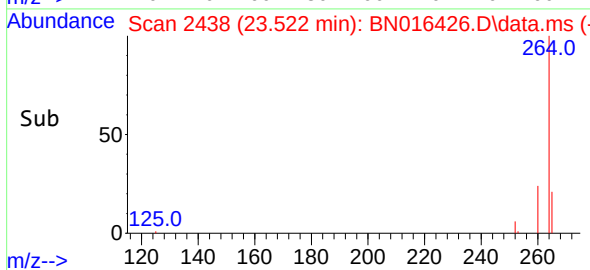
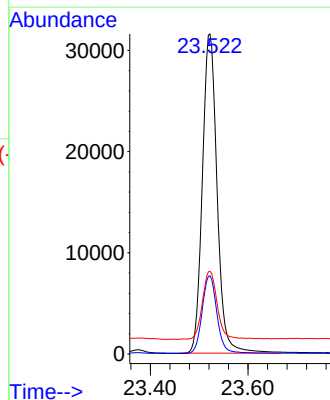
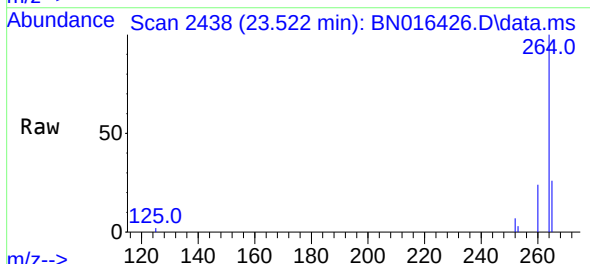
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICC3.2

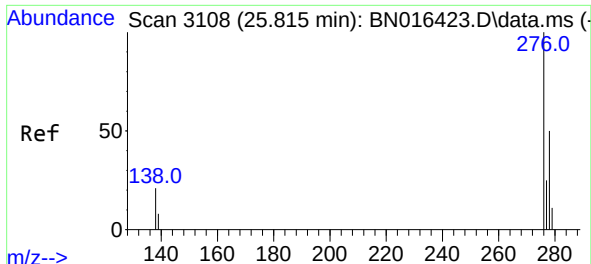
Tgt Ion:228 Resp: 855337  
Ion Ratio Lower Upper  
228 100  
226 29.4 23.0 34.4  
229 19.7 15.6 23.4



#35  
Perylene-d12  
Concen: 0.400 ng  
RT: 23.522 min Scan# 2438  
Delta R.T. 0.004 min  
Lab File: BN016426.D  
Acq: 23 Sep 2021 17:11

Tgt Ion:264 Resp: 66149  
Ion Ratio Lower Upper  
264 100  
260 24.4 18.9 28.3  
265 25.9 23.7 35.5

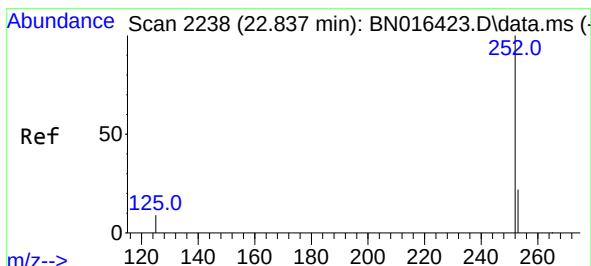
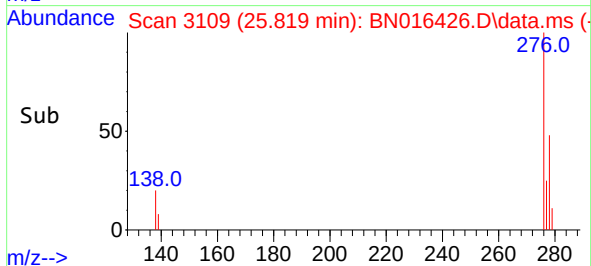
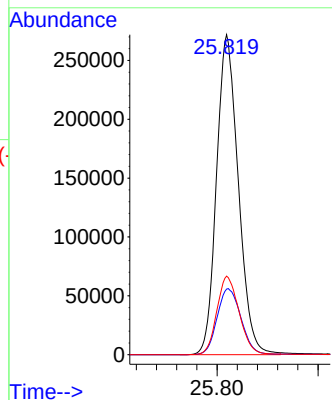
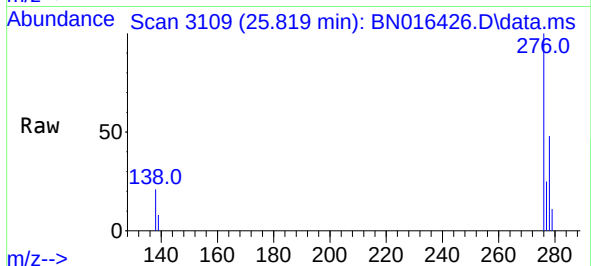




#36  
Indeno(1,2,3-cd)pyrene  
Concen: 3.807 ng  
RT: 25.819 min Scan# 3109  
Delta R.T. 0.004 min  
Lab File: BN016426.D  
Acq: 23 Sep 2021 17:11

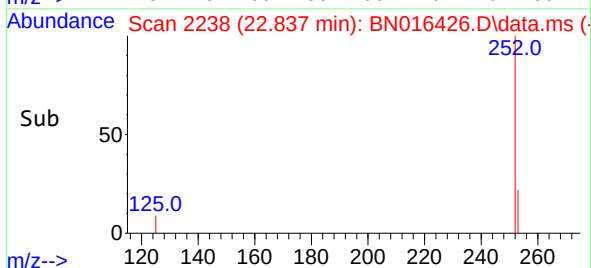
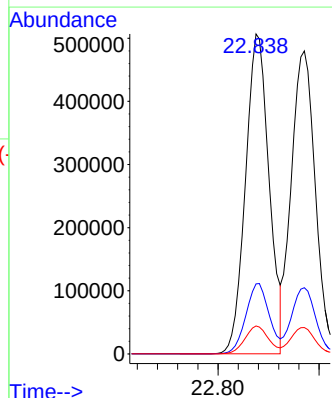
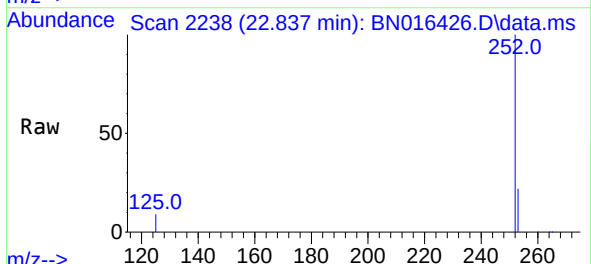
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICC3.2

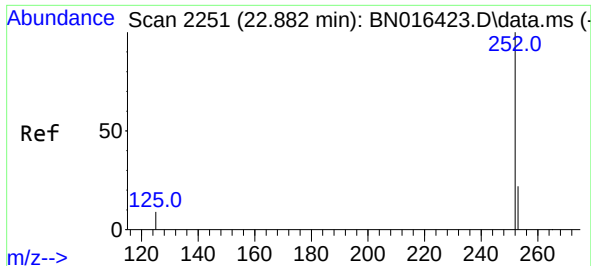
Tgt Ion:276 Resp: 813320  
Ion Ratio Lower Upper  
276 100  
138 22.6 19.3 28.9  
277 25.1 20.2 30.2



#37  
Benzo(b)fluoranthene  
Concen: 3.904 ng  
RT: 22.837 min Scan# 2238  
Delta R.T. 0.000 min  
Lab File: BN016426.D  
Acq: 23 Sep 2021 17:11

Tgt Ion:252 Resp: 820157  
Ion Ratio Lower Upper  
252 100  
253 21.9 18.2 27.2  
125 8.7 8.4 12.6

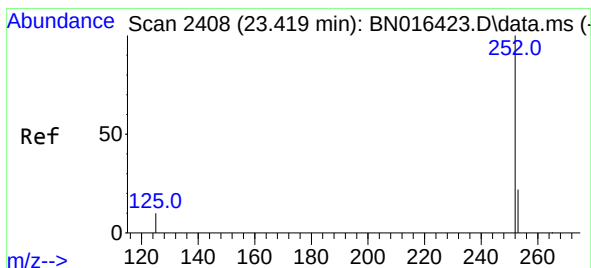
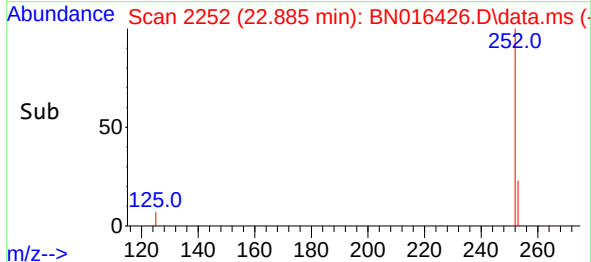
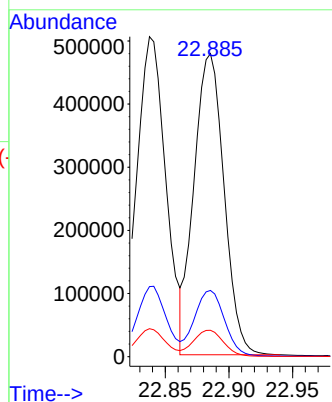
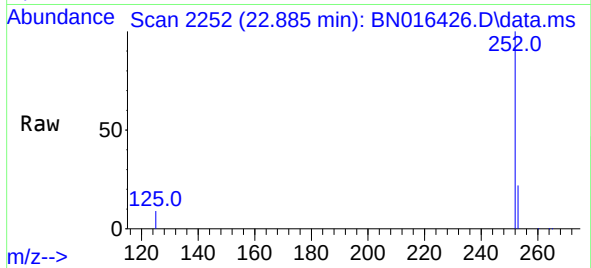




#38  
Benzo(k)fluoranthene  
Concen: 3.870 ng  
RT: 22.885 min Scan# 2252  
Delta R.T. 0.004 min  
Lab File: BN016426.D  
Acq: 23 Sep 2021 17:11

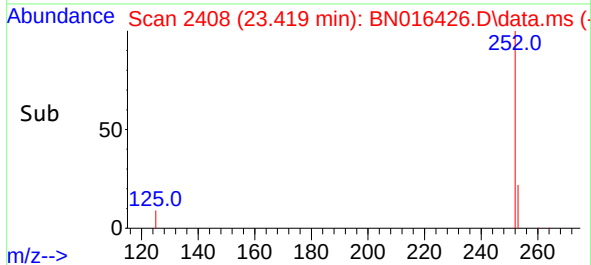
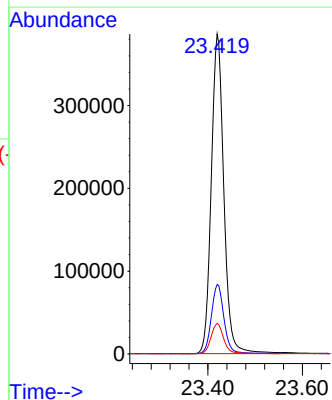
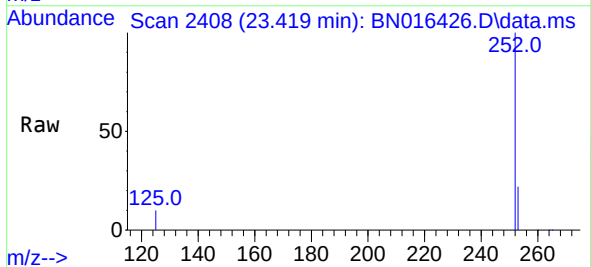
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICC3.2

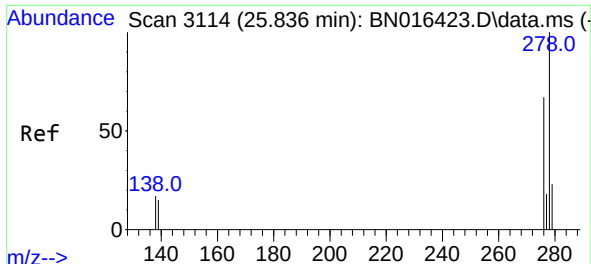
Tgt Ion:252 Resp: 782387  
Ion Ratio Lower Upper  
252 100  
253 21.9 18.2 27.2  
125 8.7 8.2 12.4



#39  
Benzo(a)pyrene  
Concen: 3.740 ng  
RT: 23.419 min Scan# 2408  
Delta R.T. 0.000 min  
Lab File: BN016426.D  
Acq: 23 Sep 2021 17:11

Tgt Ion:252 Resp: 710495  
Ion Ratio Lower Upper  
252 100  
253 21.7 18.7 28.1  
125 9.6 9.9 14.9#

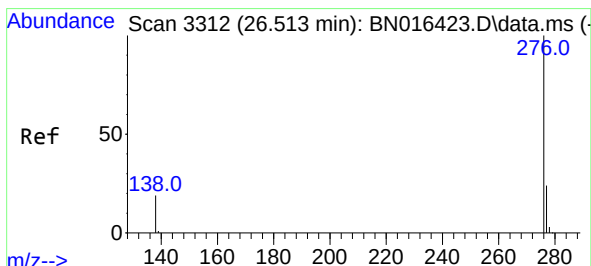
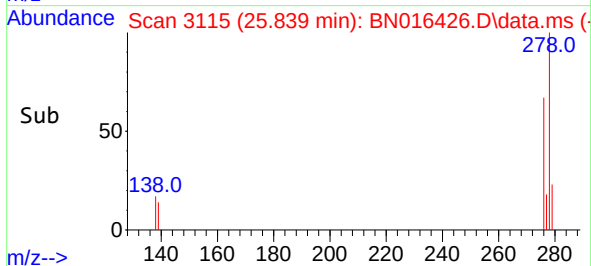
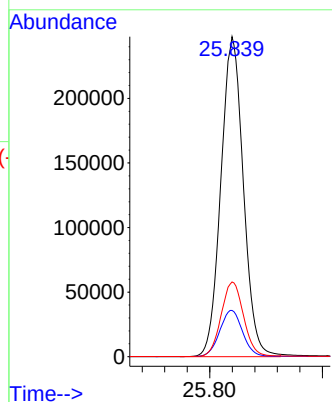
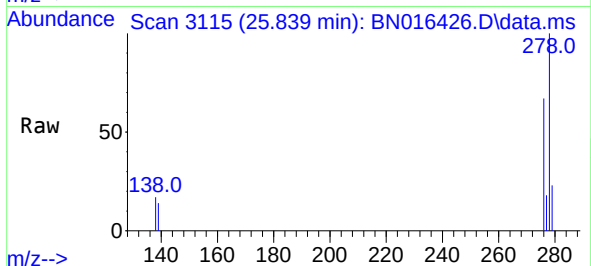




#40  
Dibenzo(a,h)anthracene  
Concen: 3.769 ng  
RT: 25.839 min Scan# 3115  
Delta R.T. 0.004 min  
Lab File: BN016426.D  
Acq: 23 Sep 2021 17:11

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICC3.2

Tgt Ion:278 Resp: 683469  
Ion Ratio Lower Upper  
278 100  
139 14.5 14.2 21.2  
279 23.3 21.3 31.9



#41  
Benzo(g,h,i)perylene  
Concen: 3.879 ng  
RT: 26.521 min Scan# 3314  
Delta R.T. 0.007 min  
Lab File: BN016426.D  
Acq: 23 Sep 2021 17:11

Tgt Ion:276 Resp: 700152  
Ion Ratio Lower Upper  
276 100  
277 23.8 20.5 30.7  
138 19.4 18.2 27.4

