

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN111621\  
 Data File : BN017471.D  
 Acq On : 16 Nov 2021 11:54  
 Operator : CG/JU  
 Sample : SSTDICC3.2  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDICC3.2

Quant Time: Nov 16 13:03:47 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN111621.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Nov 16 11:40:41 2021  
 Response via : Initial Calibration

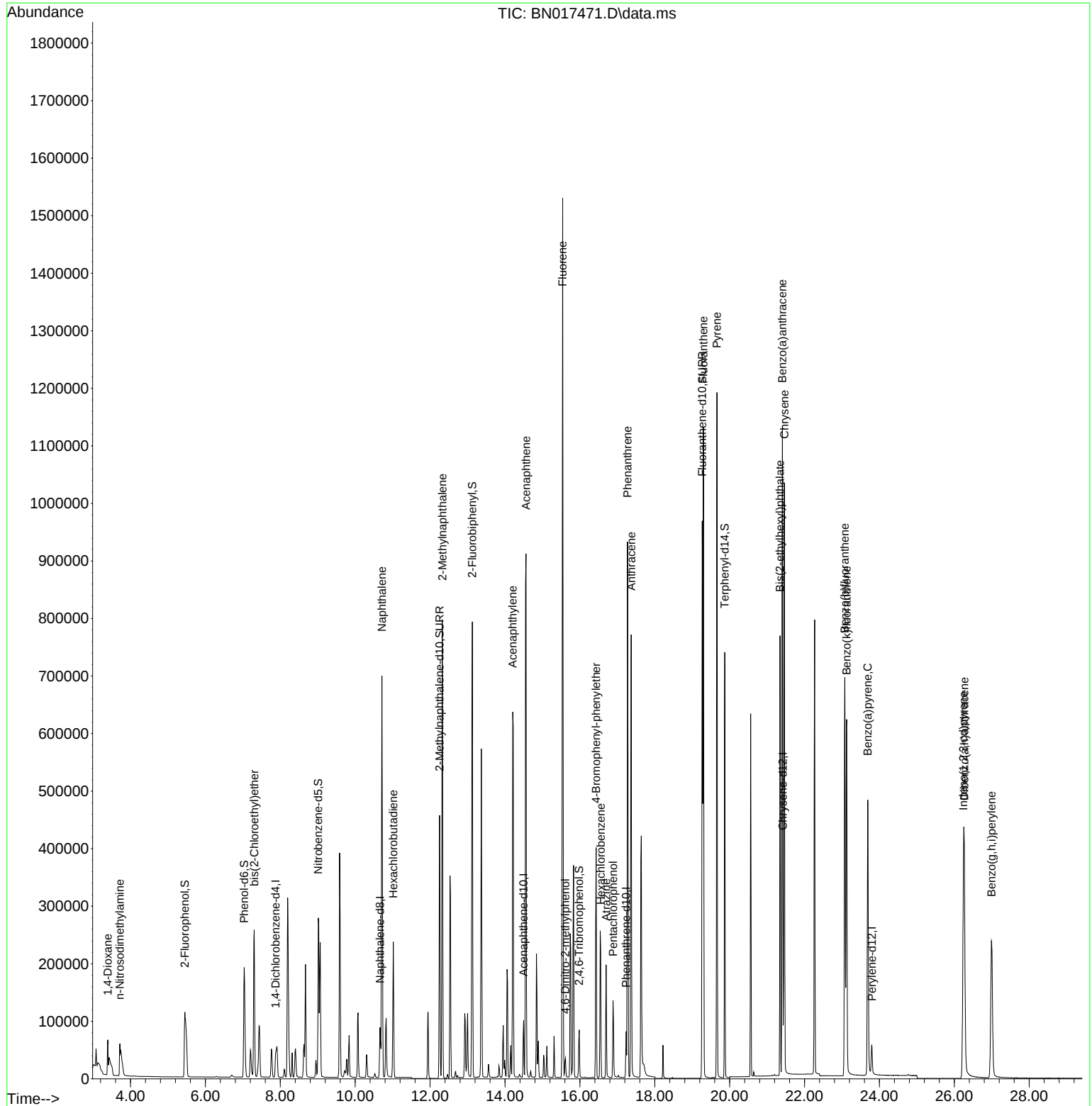
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.874  | 152  | 27405    | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.661 | 136  | 114137   | 0.400 | ng    | # 0.00   |
| 13) Acenaphthene-d10          | 14.498 | 164  | 59573    | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.238 | 188  | 103443   | 0.400 | ng    | 0.00     |
| 29) Chrysene-d12              | 21.420 | 240  | 90895    | 0.400 | ng    | # 0.00   |
| 35) Perylene-d12              | 23.797 | 264  | 71266    | 0.400 | ng    | # 0.00   |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.449  | 112  | 207679   | 3.287 | ng    | 0.00     |
| 5) Phenol-d6                  | 7.035  | 99   | 228198   | 3.279 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 9.014  | 82   | 252217   | 3.682 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 12.253 | 152  | 603736   | 3.593 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.983 | 330  | 63469    | 2.854 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 13.128 | 172  | 712997   | 3.146 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.268 | 212  | 1051877  | 3.988 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.868 | 244  | 698556   | 3.450 | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       |          |
| 2) 1,4-Dioxane                | 3.393  | 88   | 38129    | 2.485 | ng    | 97       |
| 3) n-Nitrosodimethylamine     | 3.716  | 42   | 77681    | 3.300 | ng    | 96       |
| 6) bis(2-Chloroethyl)ether    | 7.302  | 93   | 234460   | 3.197 | ng    | 94       |
| 9) Naphthalene                | 10.712 | 128  | 905884   | 3.012 | ng    | 100      |
| 10) Hexachlorobutadiene       | 11.016 | 225  | 192703   | 3.269 | ng    | # 100    |
| 12) 2-Methylnaphthalene       | 12.329 | 142  | 571881   | 2.890 | ng    | 98       |
| 16) Acenaphthylene            | 14.207 | 152  | 809746   | 3.335 | ng    | 100      |
| 17) Acenaphthene              | 14.562 | 154  | 527619   | 3.155 | ng    | 97       |
| 18) Fluorene                  | 15.539 | 166  | 614940   | 3.079 | ng    | 99       |
| 20) 4,6-Dinitro-2-methylph... | 15.615 | 198  | 26703    | 2.521 | ng    | # 85     |
| 21) 4-Bromophenyl-phenylether | 16.435 | 248  | 199560   | 3.444 | ng    | # 71     |
| 22) Hexachlorobenzene         | 16.556 | 284  | 216079   | 3.327 | ng    | 98       |
| 23) Atrazine                  | 16.702 | 200  | 149582   | 3.820 | ng    | 97       |
| 24) Pentachlorophenol         | 16.885 | 266  | 66643    | 2.908 | ng    | 100      |
| 25) Phenanthrene              | 17.274 | 178  | 935180   | 3.155 | ng    | 100      |
| 26) Anthracene                | 17.372 | 178  | 833728   | 3.376 | ng    | 100      |
| 28) Fluoranthene              | 19.297 | 202  | 1010824  | 3.161 | ng    | 99       |
| 30) Pyrene                    | 19.660 | 202  | 1039410  | 3.539 | ng    | 100      |
| 32) Benzo(a)anthracene        | 21.409 | 228  | 970564   | 3.519 | ng    | 99       |
| 33) Chrysene                  | 21.462 | 228  | 944836   | 3.219 | ng    | 99       |
| 34) Bis(2-ethylhexyl)phtha... | 21.345 | 149  | 622009   | 6.392 | ng    | 98       |
| 36) Indeno(1,2,3-cd)pyrene    | 26.244 | 276  | 609703   | 2.444 | ng    | 99       |
| 37) Benzo(b)fluoranthene      | 23.075 | 252  | 888895   | 3.816 | ng    | 100      |
| 38) Benzo(k)fluoranthene      | 23.123 | 252  | 801431   | 3.439 | ng    | 99       |
| 39) Benzo(a)pyrene            | 23.688 | 252  | 721985   | 3.501 | ng    | 99       |
| 40) Dibenzo(a,h)anthracene    | 26.265 | 278  | 470322   | 2.343 | ng    | 99       |
| 41) Benzo(g,h,i)perylene      | 26.991 | 276  | 551227   | 2.547 | ng    | 99       |

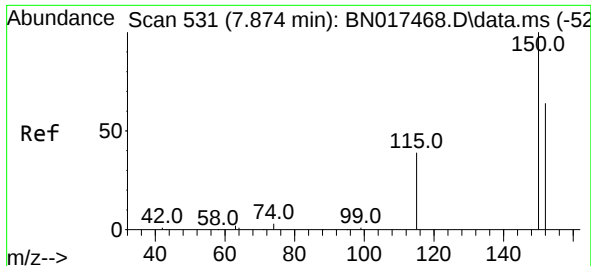
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN111621\  
Data File : BN017471.D  
Acq On : 16 Nov 2021 11:54  
Operator : CG/JU  
Sample : SSTDICC3.2  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
BNA\_N  
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SSTDICC3.2

Quant Time: Nov 16 13:03:47 2021  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN111621.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue Nov 16 11:40:41 2021  
Response via : Initial Calibration

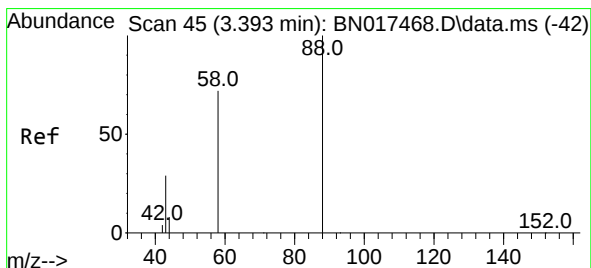
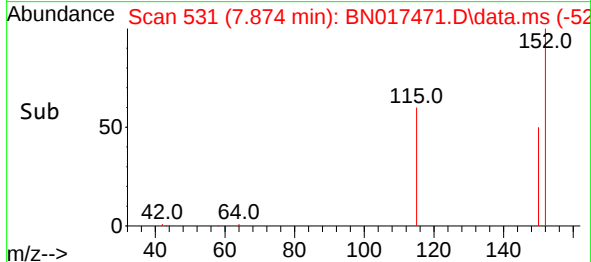
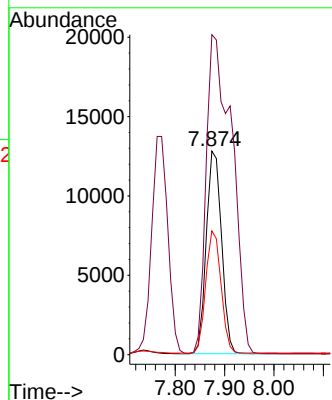
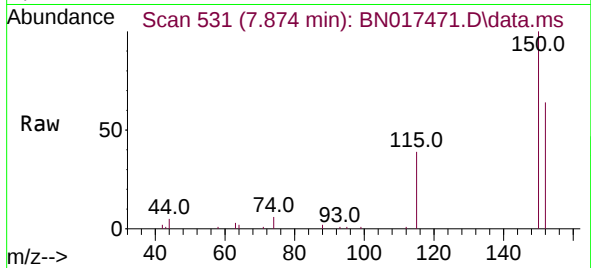




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 7.874 min Scan# 51  
 Delta R.T. 0.000 min  
 Lab File: BN017471.D  
 Acq: 16 Nov 2021 11:54

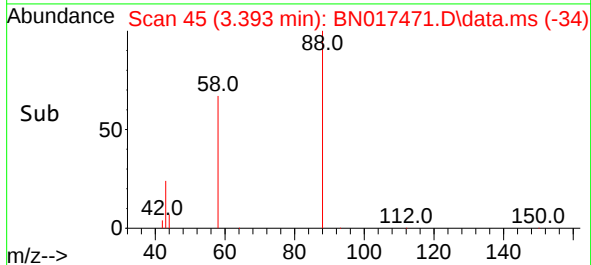
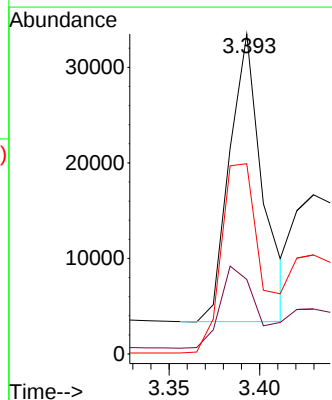
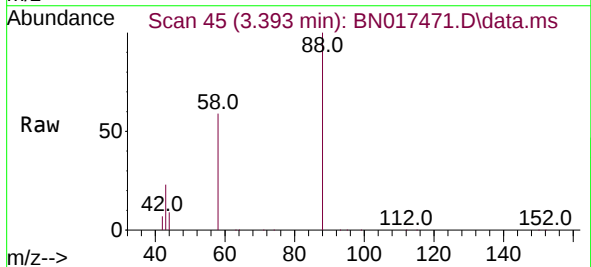
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 ClientSampleId :  
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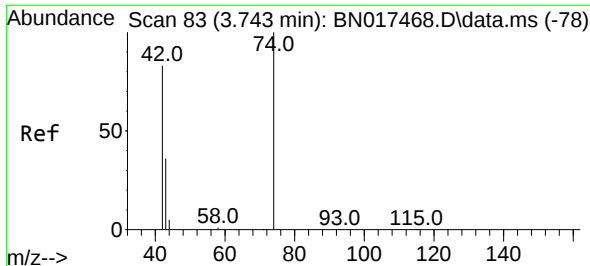
Tgt Ion:152 Resp: 27405  
 Ion Ratio Lower Upper  
 152 100  
 150 157.2 123.0 184.4  
 115 60.9 45.6 68.4



#2  
 1,4-Dioxane  
 Concen: 2.485 ng  
 RT: 3.393 min Scan# 45  
 Delta R.T. 0.000 min  
 Lab File: BN017471.D  
 Acq: 16 Nov 2021 11:54

Tgt Ion: 88 Resp: 38129  
 Ion Ratio Lower Upper  
 88 100  
 43 33.1 24.7 37.1  
 58 81.0 63.0 94.6

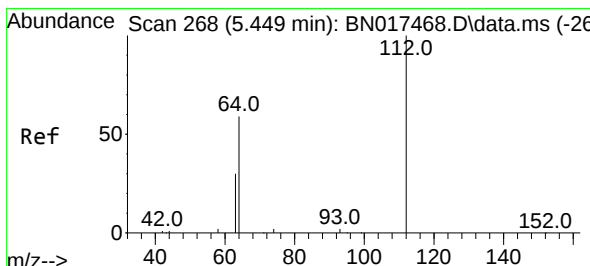
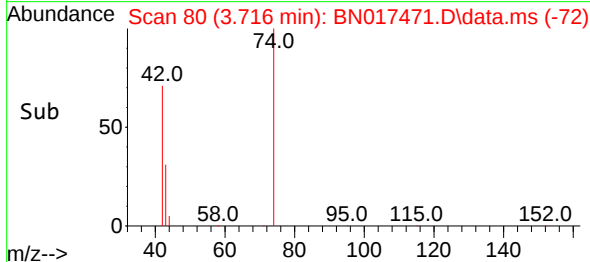
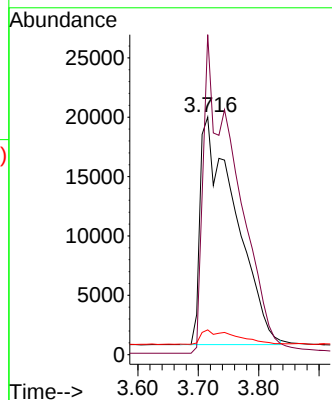
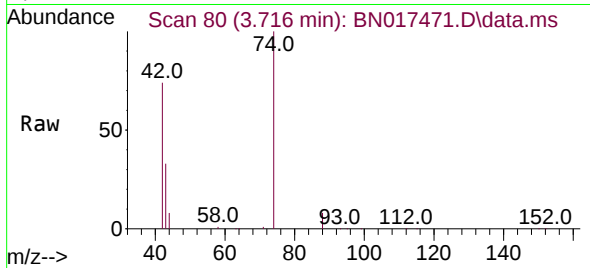




#3  
n-Nitrosodimethylamine  
Concen: 3.300 ng  
RT: 3.716 min Scan# 80  
Delta R.T. -0.028 min  
Lab File: BN017471.D  
Acq: 16 Nov 2021 11:54

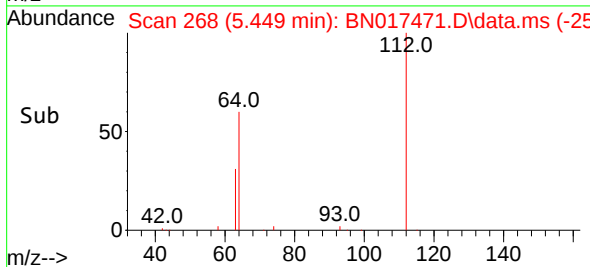
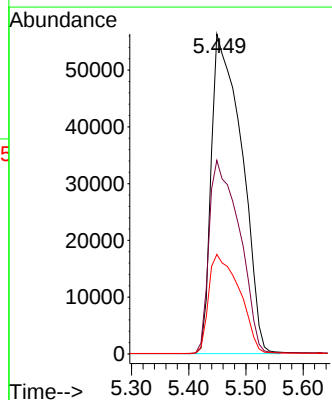
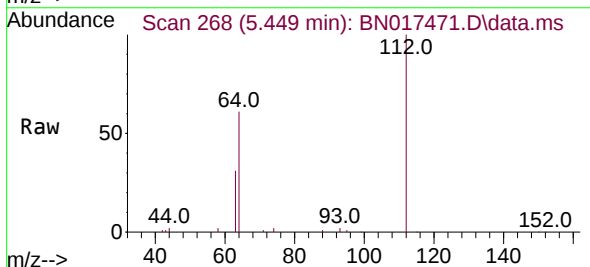
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BNA\_N  
ClientSampleId :  
SSTDICC3.2

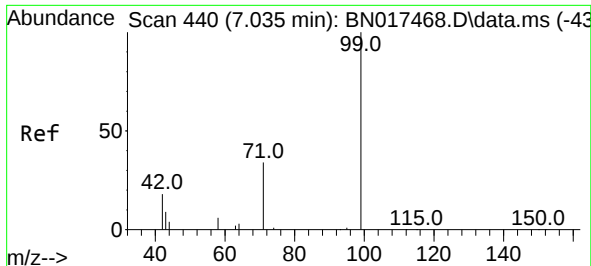
Tgt Ion: 42 Resp: 77681  
Ion Ratio Lower Upper  
42 100  
74 127.3 97.8 146.6  
44 6.3 5.5 8.3



#4  
2-Fluorophenol  
Concen: 3.287 ng  
RT: 5.449 min Scan# 268  
Delta R.T. 0.000 min  
Lab File: BN017471.D  
Acq: 16 Nov 2021 11:54

Tgt Ion: 112 Resp: 207679  
Ion Ratio Lower Upper  
112 100  
64 60.4 47.6 71.4  
63 31.3 24.6 37.0

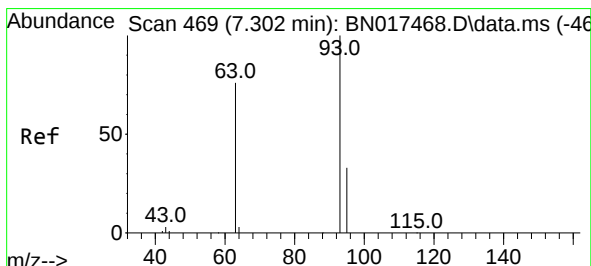
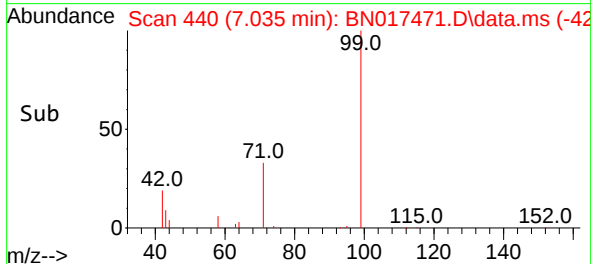
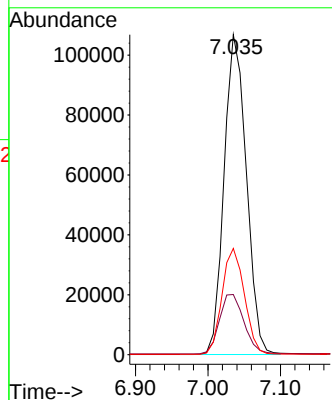
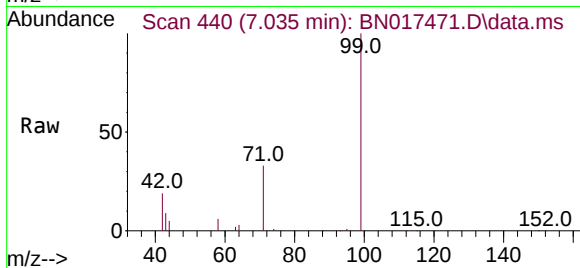




#5  
Phenol-d6  
Concen: 3.279 ng  
RT: 7.035 min Scan# 440  
Delta R.T. 0.000 min  
Lab File: BN017471.D  
Acq: 16 Nov 2021 11:54

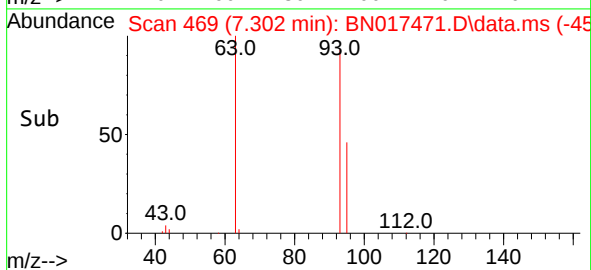
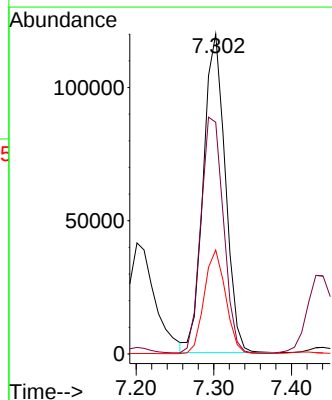
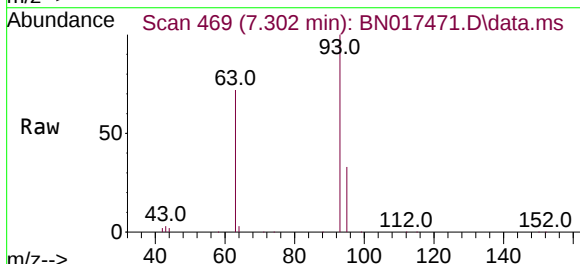
Instrument :  
BNA\_N  
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SSTDICC3.2

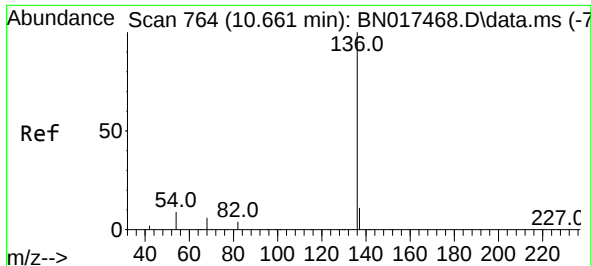
Tgt Ion: 99 Resp: 228198  
Ion Ratio Lower Upper  
99 100  
42 20.4 17.0 25.6  
71 33.3 24.8 37.2



#6  
bis(2-Chloroethyl)ether  
Concen: 3.197 ng  
RT: 7.302 min Scan# 469  
Delta R.T. 0.000 min  
Lab File: BN017471.D  
Acq: 16 Nov 2021 11:54

Tgt Ion: 93 Resp: 234460  
Ion Ratio Lower Upper  
93 100  
63 76.1 65.8 98.6  
95 31.8 26.6 39.8

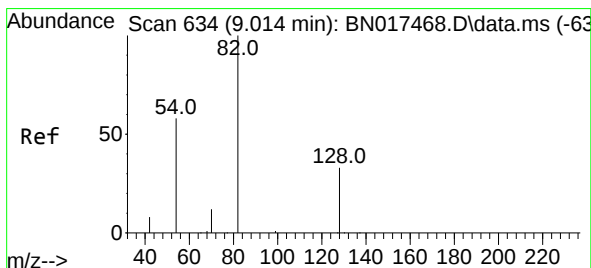
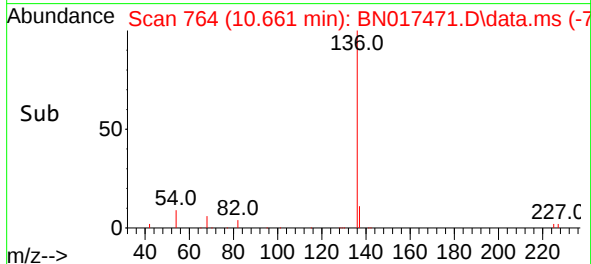
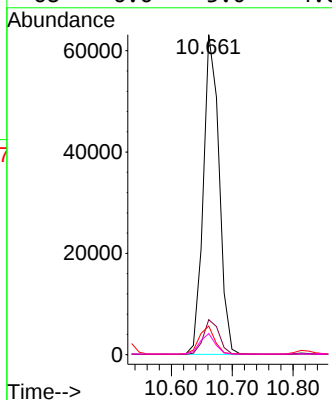
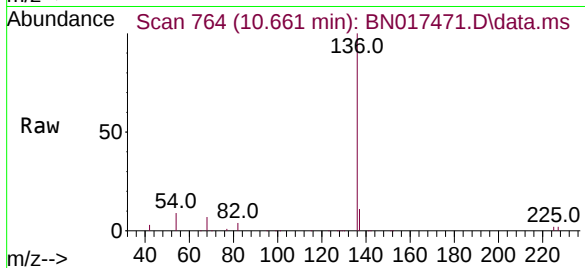




#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.661 min Scan# 764  
Delta R.T. 0.000 min  
Lab File: BN017471.D  
Acq: 16 Nov 2021 11:54

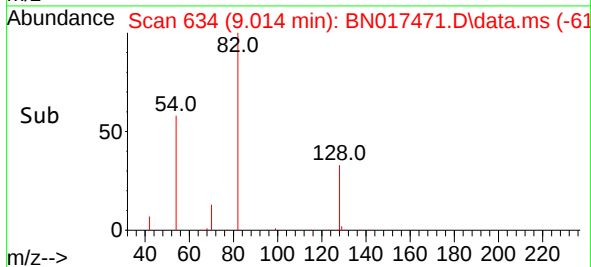
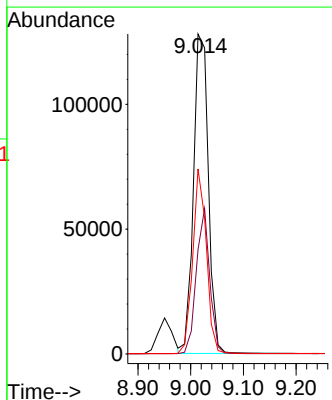
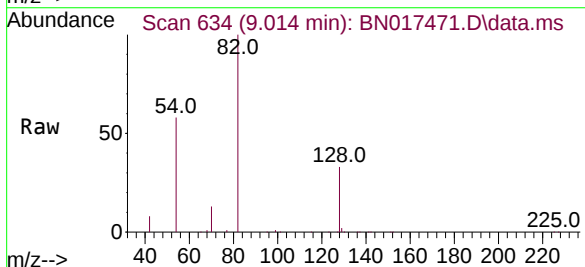
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICC3.2

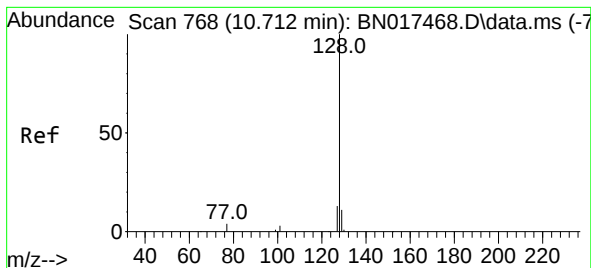
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|----------|-------|-------|--------|
| Tgt Ion: | 136   | Resp: | 114137 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 10.9  | 8.8   | 13.2   |
| 54       | 8.9   | 4.0   | 6.0#   |
| 68       | 6.6   | 3.0   | 4.6#   |



#8  
Nitrobenzene-d5  
Concen: 3.682 ng  
RT: 9.014 min Scan# 634  
Delta R.T. 0.000 min  
Lab File: BN017471.D  
Acq: 16 Nov 2021 11:54

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 82    | Resp: | 252217 |
| Ion      | Ratio | Lower | Upper  |
| 82       | 100   |       |        |
| 128      | 32.6  | 27.7  | 41.5   |
| 54       | 57.8  | 49.2  | 73.8   |





#9

Naphthalene

Concen: 3.012 ng

RT: 10.712 min Scan# 768

Delta R.T. 0.000 min

Lab File: BN017471.D

Acq: 16 Nov 2021 11:54

Instrument :

BNA\_N

ClientSampleId :

SSTDICC3.2

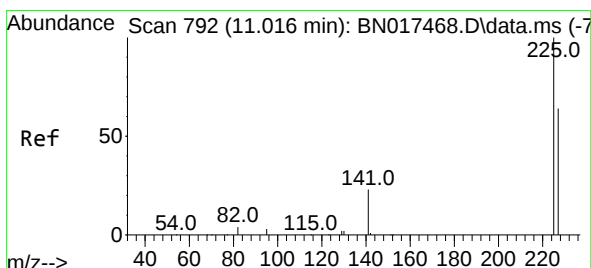
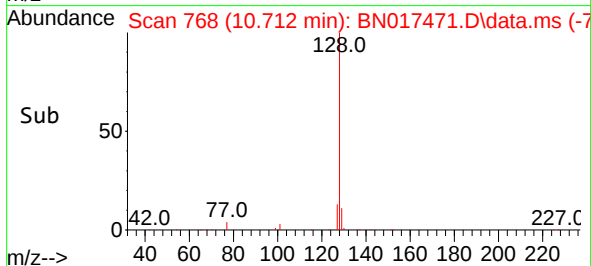
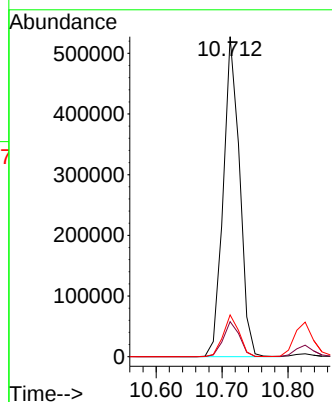
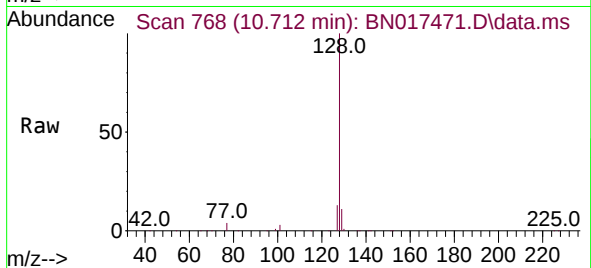
Tgt Ion:128 Resp: 905884

Ion Ratio Lower Upper

128 100

129 11.0 8.8 13.2

127 13.1 10.6 15.8



#10

Hexachlorobutadiene

Concen: 3.269 ng

RT: 11.016 min Scan# 792

Delta R.T. 0.000 min

Lab File: BN017471.D

Acq: 16 Nov 2021 11:54

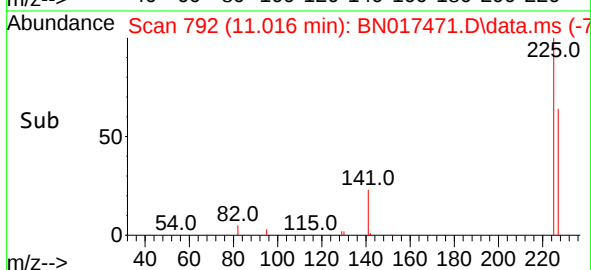
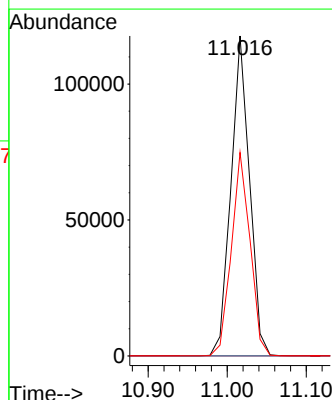
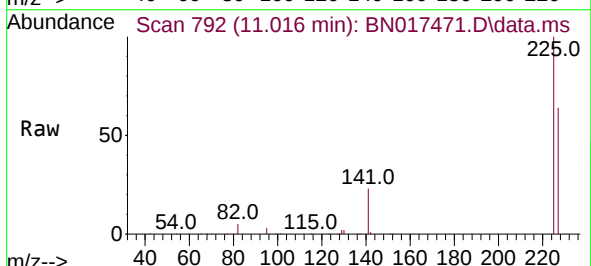
Tgt Ion:225 Resp: 192703

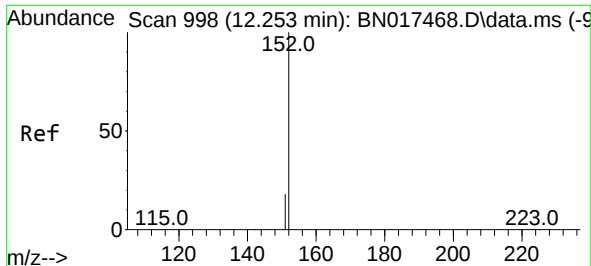
Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

227 63.9 51.1 76.7

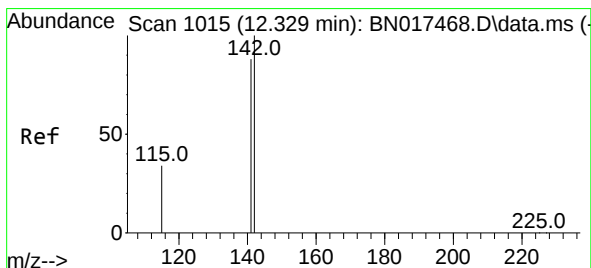
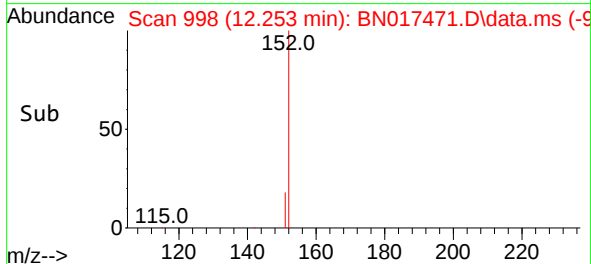
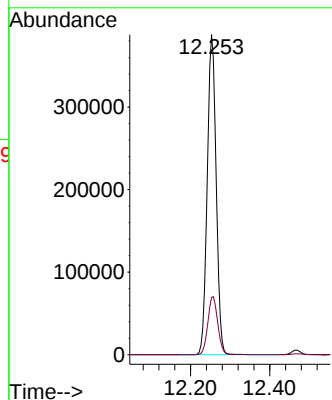
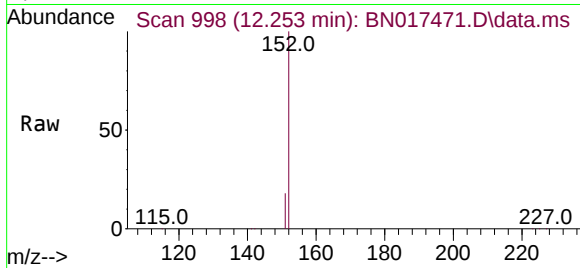




#11  
2-Methylnaphthalene-d10  
Concen: 3.593 ng  
RT: 12.253 min Scan# 998  
Delta R.T. 0.000 min  
Lab File: BN017471.D  
Acq: 16 Nov 2021 11:54

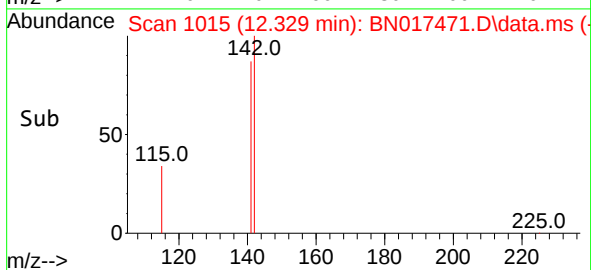
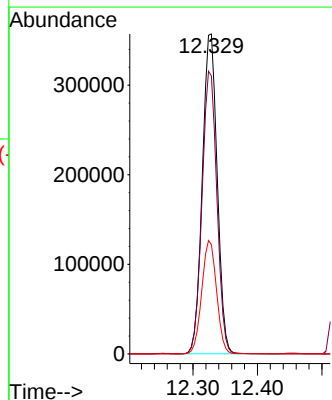
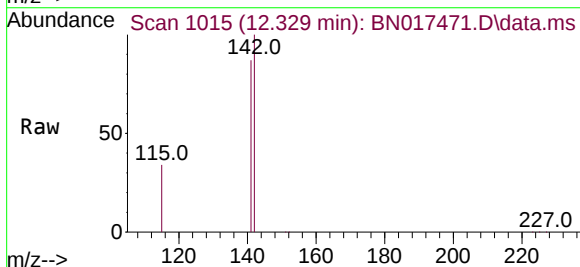
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICC3.2

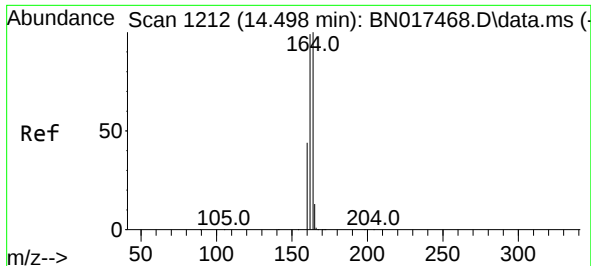
Tgt Ion:152 Resp: 603736  
Ion Ratio Lower Upper  
152 100  
151 20.2 16.2 24.4



#12  
2-Methylnaphthalene  
Concen: 2.890 ng  
RT: 12.329 min Scan# 1015  
Delta R.T. 0.000 min  
Lab File: BN017471.D  
Acq: 16 Nov 2021 11:54

Tgt Ion:142 Resp: 571881  
Ion Ratio Lower Upper  
142 100  
141 86.9 70.6 106.0  
115 34.1 25.8 38.6

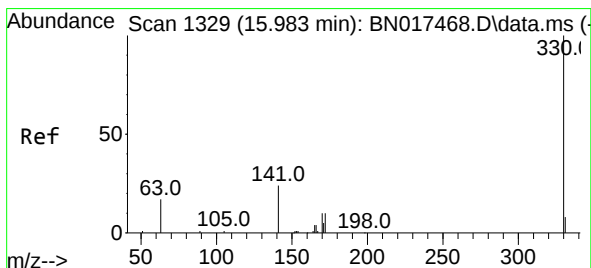
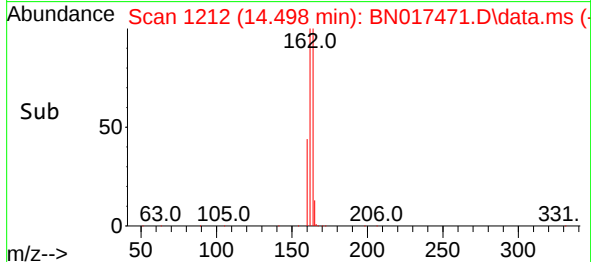
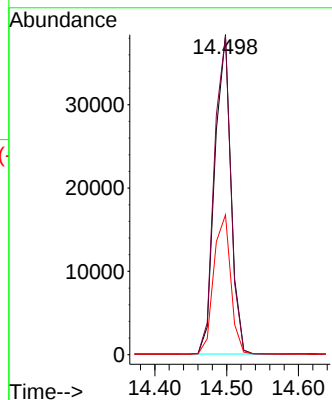
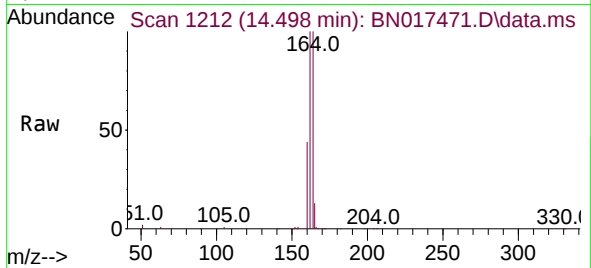




#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.498 min Scan# 1212  
Delta R.T. 0.000 min  
Lab File: BN017471.D  
Acq: 16 Nov 2021 11:54

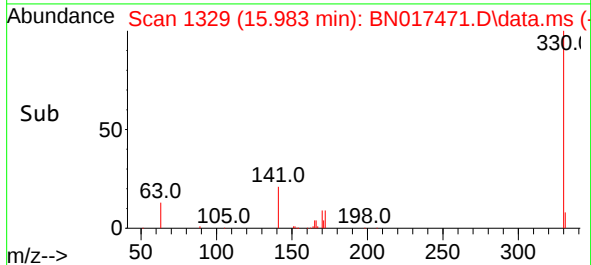
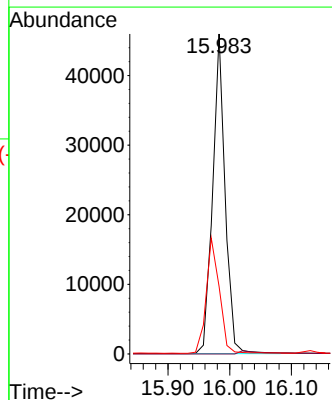
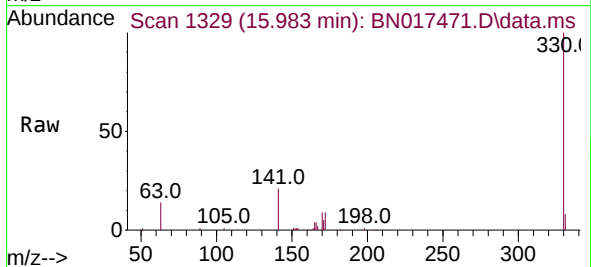
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BNA\_N  
ClientSampleId :  
SSTDICC3.2

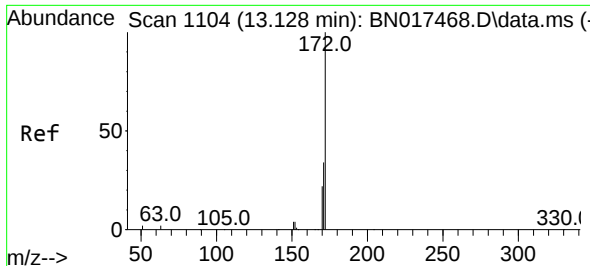
Tgt Ion:164 Resp: 59573  
Ion Ratio Lower Upper  
164 100  
162 99.6 81.4 122.2  
160 43.7 36.8 55.2



#14  
2,4,6-Tribromophenol  
Concen: 2.854 ng  
RT: 15.983 min Scan# 1329  
Delta R.T. 0.000 min  
Lab File: BN017471.D  
Acq: 16 Nov 2021 11:54

Tgt Ion:330 Resp: 63469  
Ion Ratio Lower Upper  
330 100  
332 0.0 0.0 0.0  
141 37.8 28.9 43.3

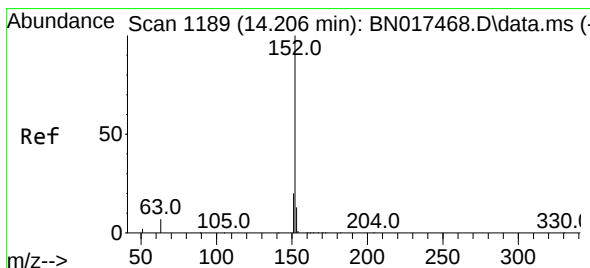
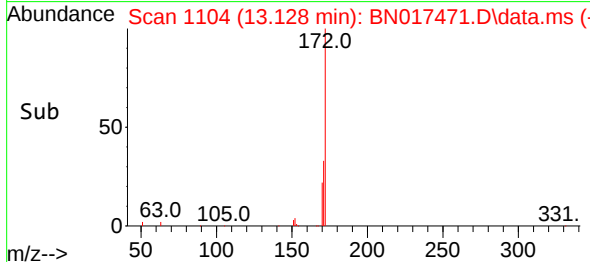
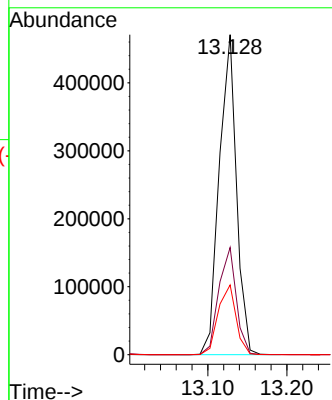
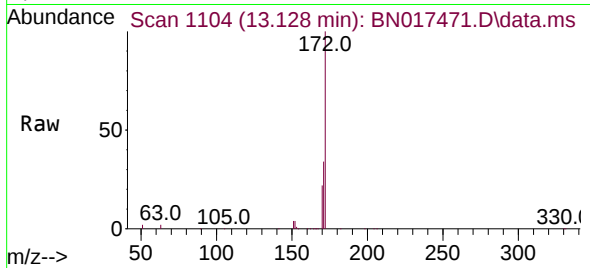




#15  
2-Fluorobiphenyl  
Concen: 3.146 ng  
RT: 13.128 min Scan# 1104  
Delta R.T. 0.000 min  
Lab File: BN017471.D  
Acq: 16 Nov 2021 11:54

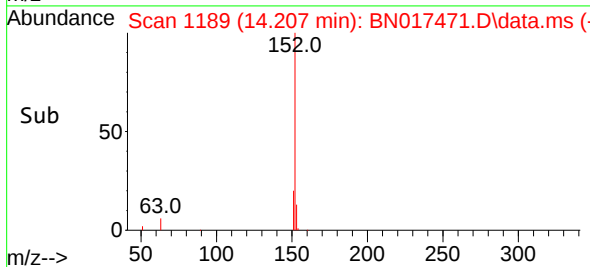
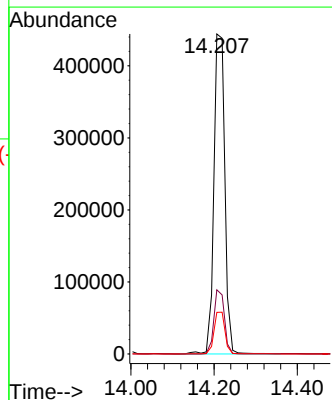
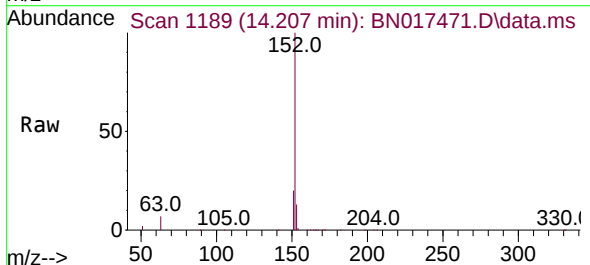
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICC3.2

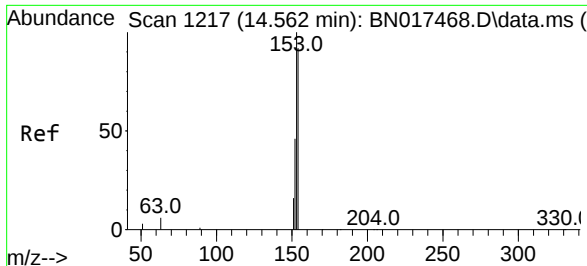
Tgt Ion:172 Resp: 712997  
Ion Ratio Lower Upper  
172 100  
171 33.5 28.7 43.1  
170 21.8 19.4 29.2



#16  
Acenaphthylene  
Concen: 3.335 ng  
RT: 14.207 min Scan# 1189  
Delta R.T. 0.000 min  
Lab File: BN017471.D  
Acq: 16 Nov 2021 11:54

Tgt Ion:152 Resp: 809746  
Ion Ratio Lower Upper  
152 100  
151 19.3 15.5 23.3  
153 13.1 10.4 15.6

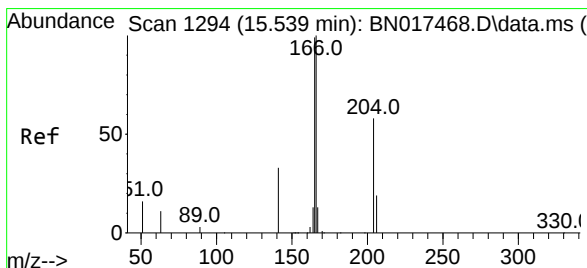
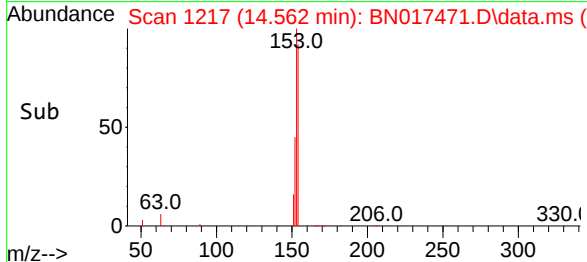
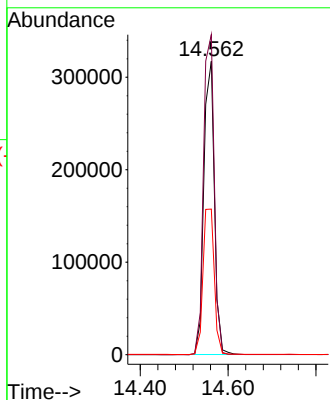
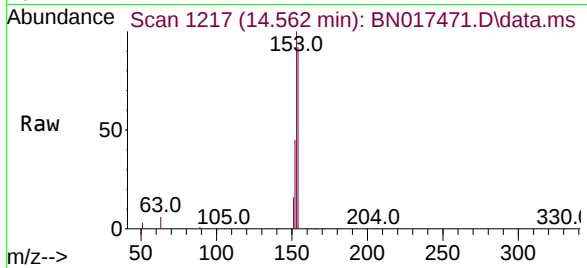




#17  
Acenaphthene  
Concen: 3.155 ng  
RT: 14.562 min Scan# 1217  
Delta R.T. 0.000 min  
Lab File: BN017471.D  
Acq: 16 Nov 2021 11:54

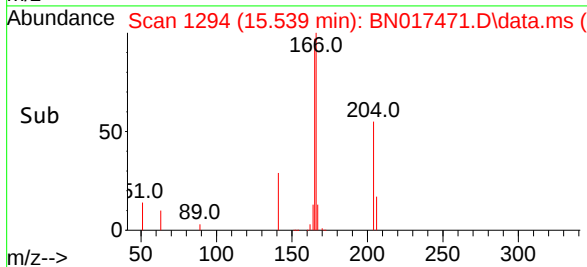
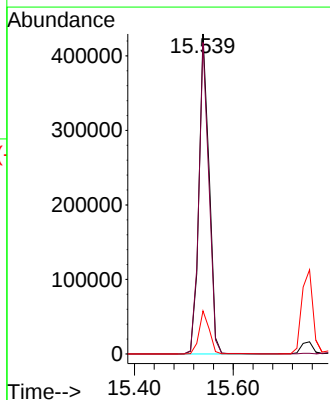
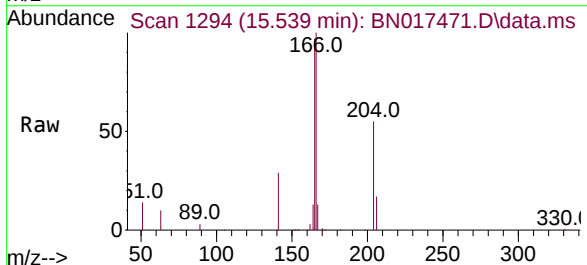
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICC3.2

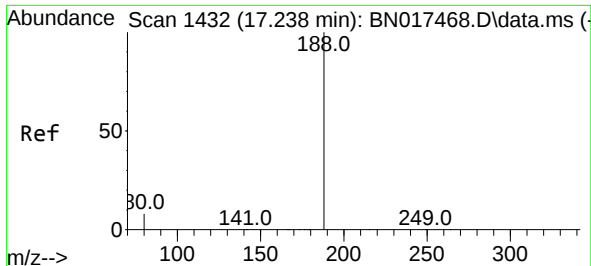
Tgt Ion:154 Resp: 527619  
Ion Ratio Lower Upper  
154 100  
153 111.6 91.2 136.8  
152 53.1 44.3 66.5



#18  
Fluorene  
Concen: 3.079 ng  
RT: 15.539 min Scan# 1294  
Delta R.T. 0.000 min  
Lab File: BN017471.D  
Acq: 16 Nov 2021 11:54

Tgt Ion:166 Resp: 614940  
Ion Ratio Lower Upper  
166 100  
165 96.6 77.9 116.9  
167 13.5 10.9 16.3

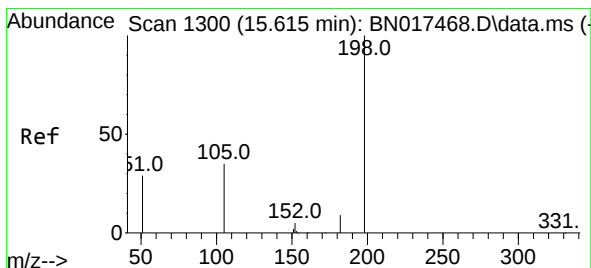
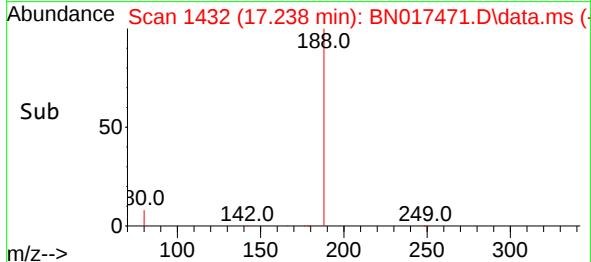
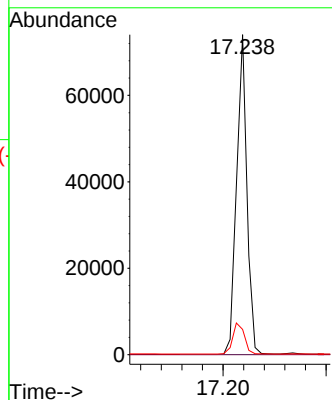
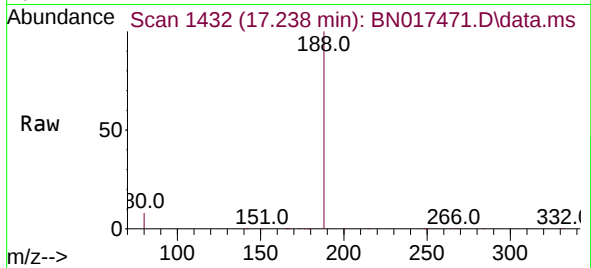




#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.238 min Scan# 1432  
Delta R.T. 0.000 min  
Lab File: BN017471.D  
Acq: 16 Nov 2021 11:54

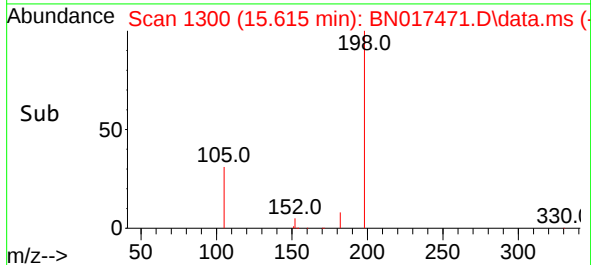
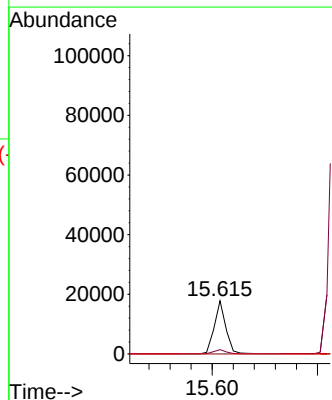
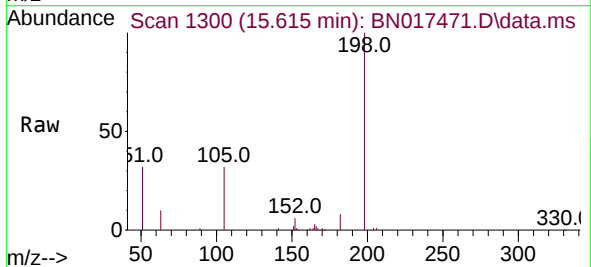
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICC3.2

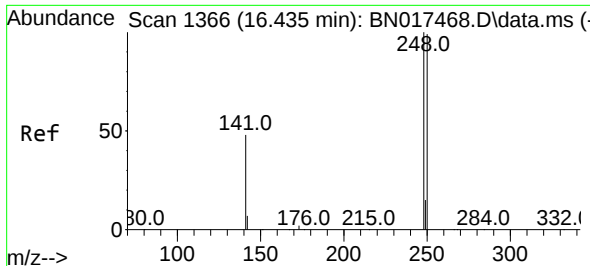
Tgt Ion:188 Resp: 103443  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 7.9 6.1 9.1



#20  
4,6-Dinitro-2-methylphenol  
Concen: 2.521 ng  
RT: 15.615 min Scan# 1300  
Delta R.T. 0.000 min  
Lab File: BN017471.D  
Acq: 16 Nov 2021 11:54

Tgt Ion:198 Resp: 26703  
Ion Ratio Lower Upper  
198 100  
182 8.2 11.4 17.2#  
77 0.0 0.0 0.0

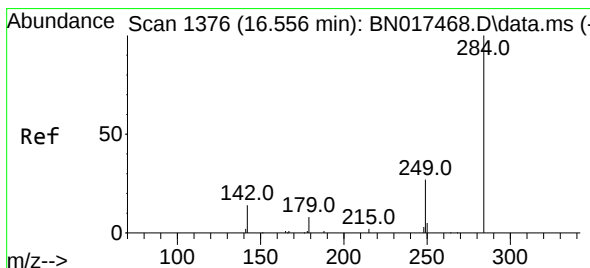
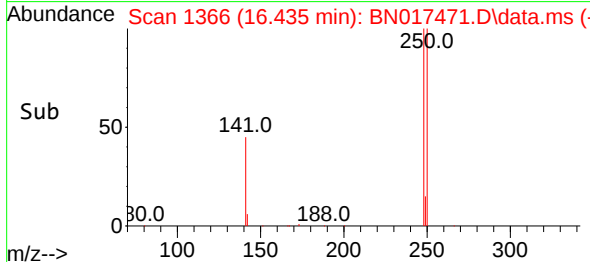
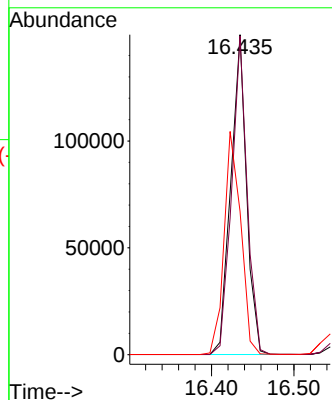
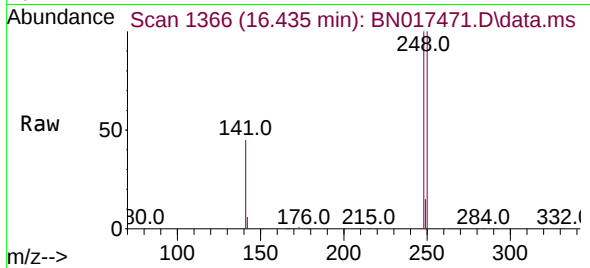




#21  
4-Bromophenyl-phenylether  
Concen: 3.444 ng  
RT: 16.435 min Scan# 1366  
Delta R.T. 0.000 min  
Lab File: BN017471.D  
Acq: 16 Nov 2021 11:54

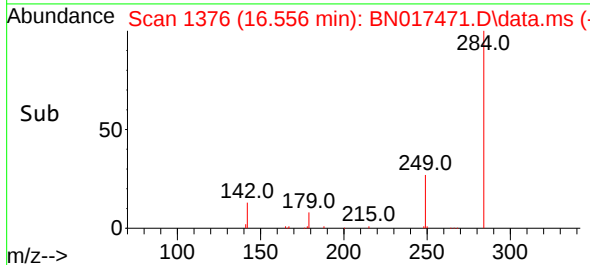
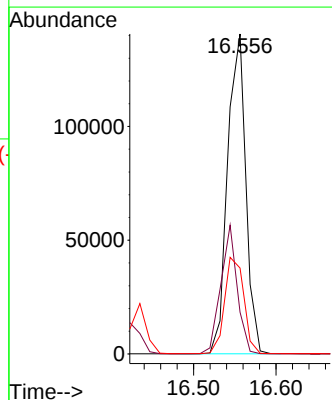
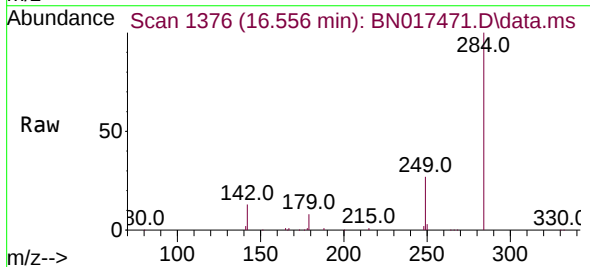
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICC3.2

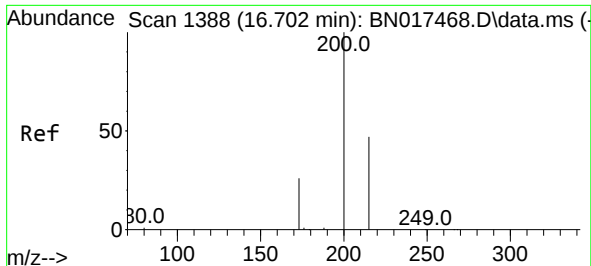
Tgt Ion:248 Resp: 199560  
Ion Ratio Lower Upper  
248 100  
250 99.6 71.8 107.8  
141 44.8 70.9 106.3#



#22  
Hexachlorobenzene  
Concen: 3.327 ng  
RT: 16.556 min Scan# 1376  
Delta R.T. 0.000 min  
Lab File: BN017471.D  
Acq: 16 Nov 2021 11:54

Tgt Ion:284 Resp: 216079  
Ion Ratio Lower Upper  
284 100  
142 36.1 28.2 42.2  
249 31.8 24.4 36.6

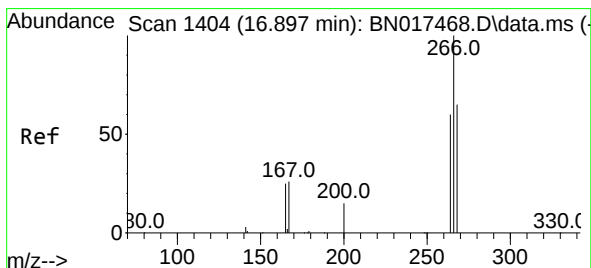
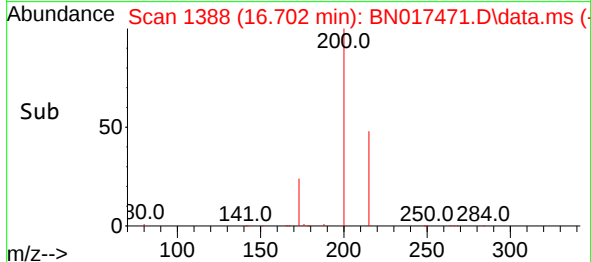
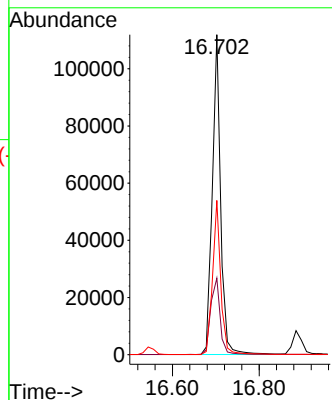
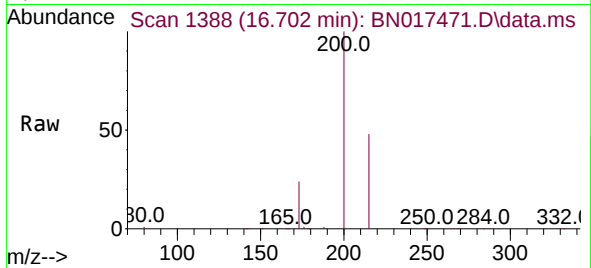




#23  
Atrazine  
Concen: 3.820 ng  
RT: 16.702 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BN017471.D  
Acq: 16 Nov 2021 11:54

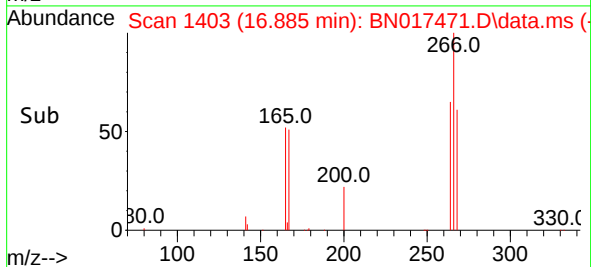
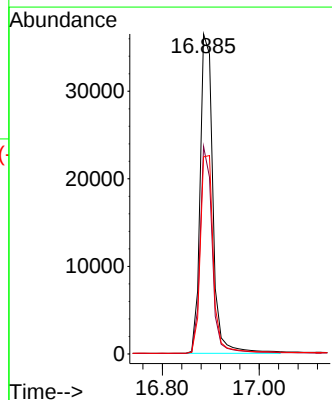
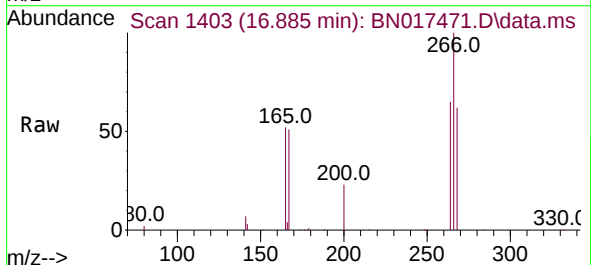
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BNA\_N  
ClientSampleId :  
SSTDICC3.2

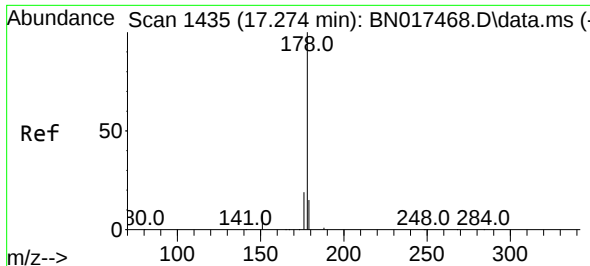
Tgt Ion:200 Resp: 149582  
Ion Ratio Lower Upper  
200 100  
173 23.9 17.6 26.4  
215 48.2 40.2 60.4



#24  
Pentachlorophenol  
Concen: 2.908 ng  
RT: 16.885 min Scan# 1403  
Delta R.T. -0.012 min  
Lab File: BN017471.D  
Acq: 16 Nov 2021 11:54

Tgt Ion:266 Resp: 66643  
Ion Ratio Lower Upper  
266 100  
264 62.3 49.8 74.8  
268 63.7 51.3 76.9

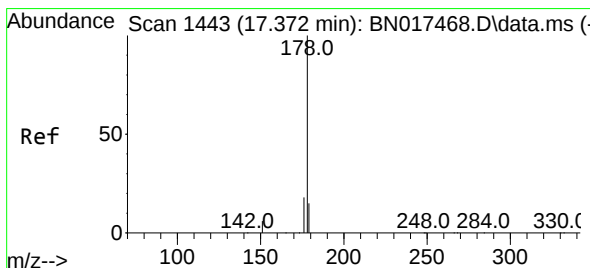
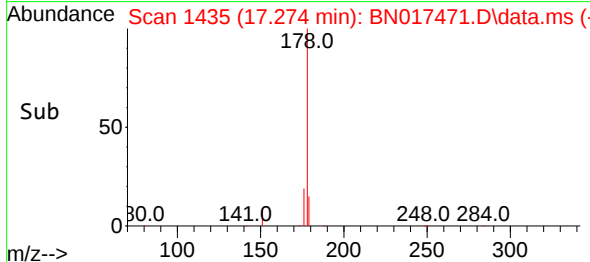
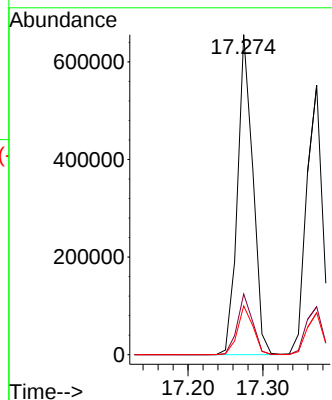
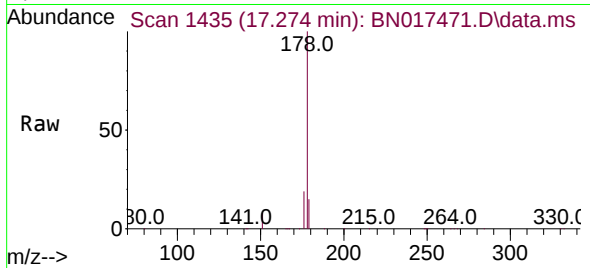




#25  
Phenanthrene  
Concen: 3.155 ng  
RT: 17.274 min Scan# 1435  
Delta R.T. 0.000 min  
Lab File: BN017471.D  
Acq: 16 Nov 2021 11:54

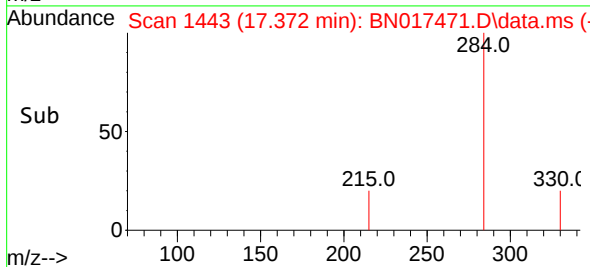
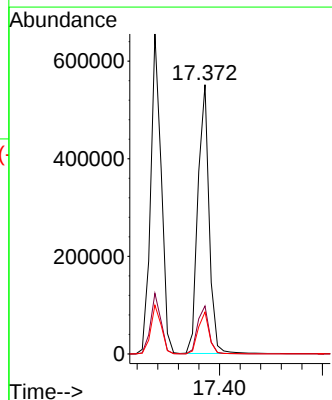
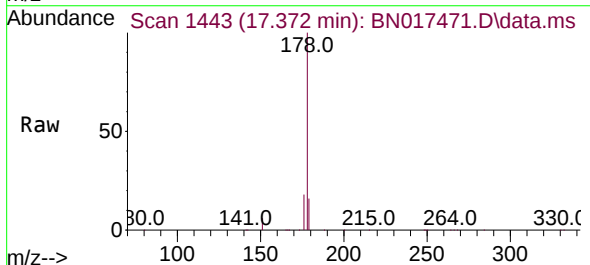
Instrument :  
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ClientSampleId :  
SSTDICC3.2

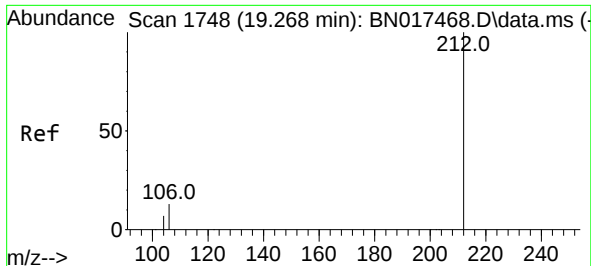
Tgt Ion:178 Resp: 935180  
Ion Ratio Lower Upper  
178 100  
176 18.7 15.0 22.6  
179 15.3 12.3 18.5



#26  
Anthracene  
Concen: 3.376 ng  
RT: 17.372 min Scan# 1443  
Delta R.T. 0.000 min  
Lab File: BN017471.D  
Acq: 16 Nov 2021 11:54

Tgt Ion:178 Resp: 833728  
Ion Ratio Lower Upper  
178 100  
176 18.2 14.6 22.0  
179 15.4 12.2 18.4

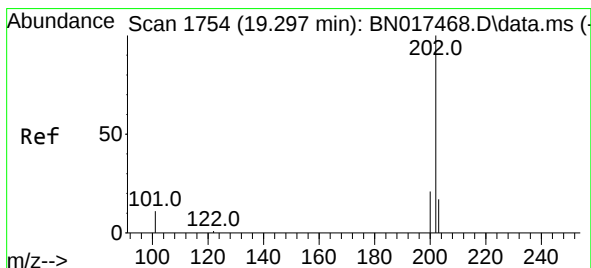
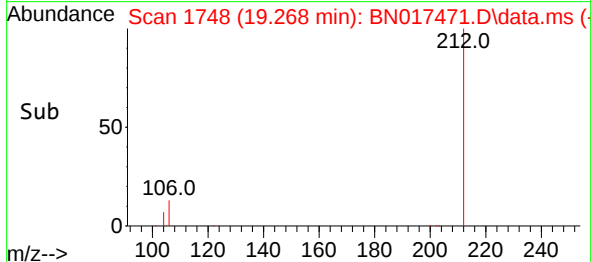
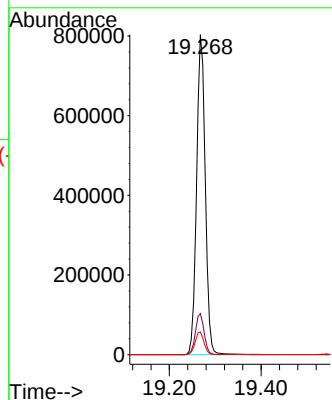
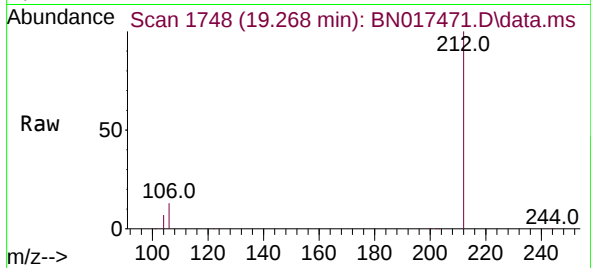




#27  
Fluoranthene-d10  
Concen: 3.988 ng  
RT: 19.268 min Scan# 1748  
Delta R.T. 0.000 min  
Lab File: BN017471.D  
Acq: 16 Nov 2021 11:54

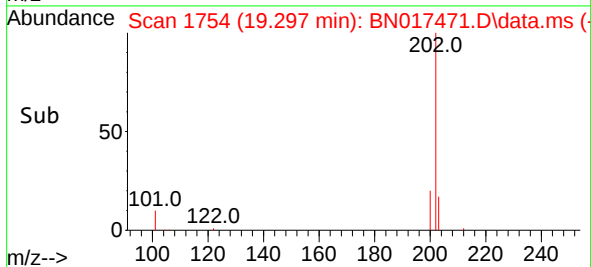
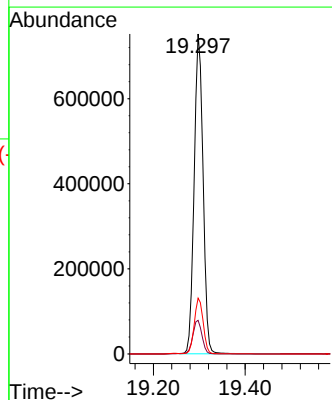
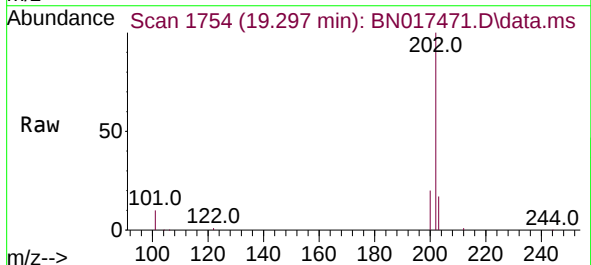
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICC3.2

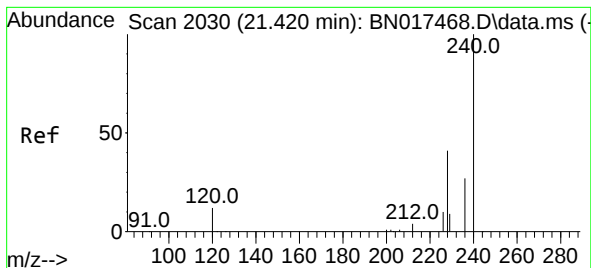
Tgt Ion:212 Resp: 1051877  
Ion Ratio Lower Upper  
212 100  
106 13.0 10.5 15.7  
104 7.2 5.8 8.6



#28  
Fluoranthene  
Concen: 3.161 ng  
RT: 19.297 min Scan# 1754  
Delta R.T. 0.000 min  
Lab File: BN017471.D  
Acq: 16 Nov 2021 11:54

Tgt Ion:202 Resp: 1010824  
Ion Ratio Lower Upper  
202 100  
101 10.9 8.9 13.3  
203 17.5 13.8 20.6





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.420 min Scan# 2030

Delta R.T. 0.000 min

Lab File: BN017471.D

Acq: 16 Nov 2021 11:54

Instrument :

BNA\_N

ClientSampleId :

SSTDICC3.2

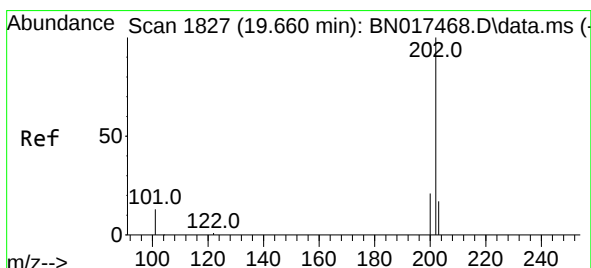
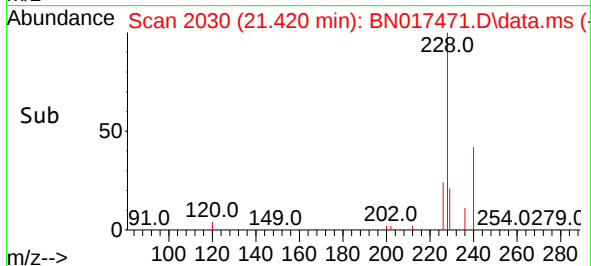
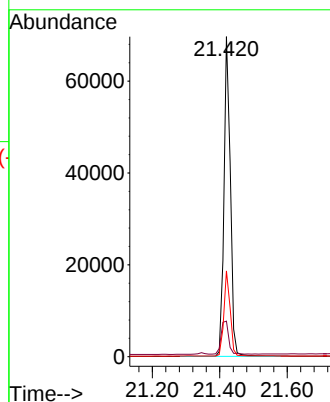
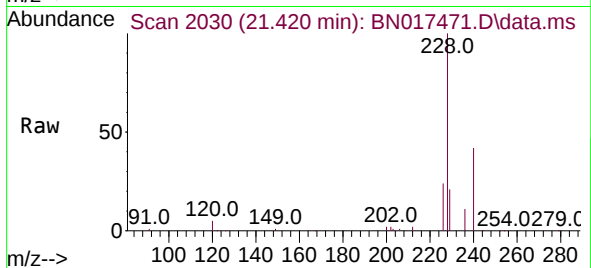
Tgt Ion:240 Resp: 90895

Ion Ratio Lower Upper

240 100

120 11.1 4.2 6.2#

236 26.8 20.0 30.0



#30

Pyrene

Concen: 3.539 ng

RT: 19.660 min Scan# 1827

Delta R.T. 0.000 min

Lab File: BN017471.D

Acq: 16 Nov 2021 11:54

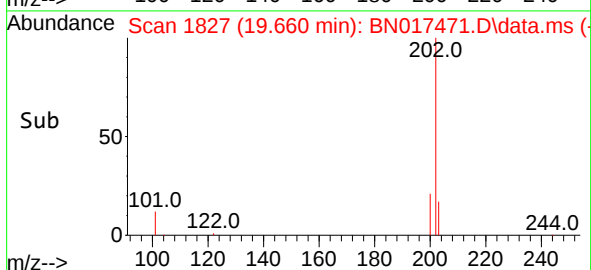
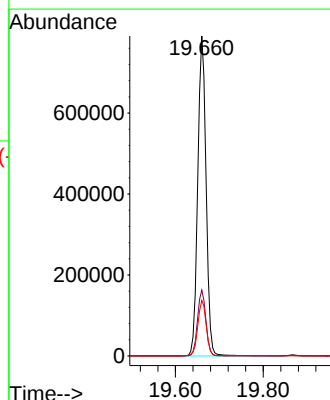
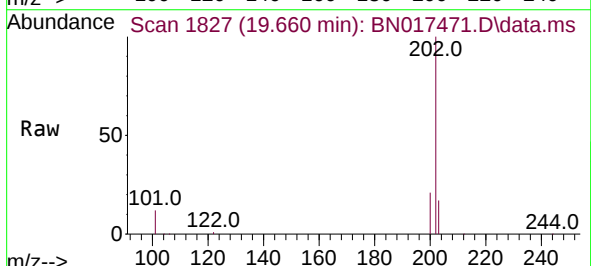
Tgt Ion:202 Resp: 1039410

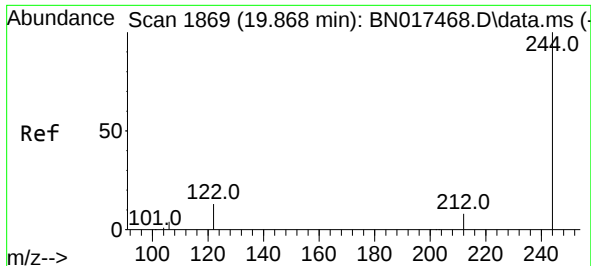
Ion Ratio Lower Upper

202 100

200 20.6 16.5 24.7

203 17.6 14.0 21.0

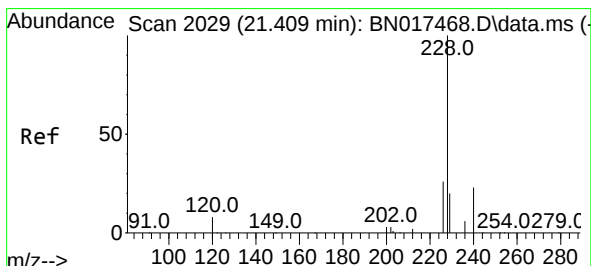
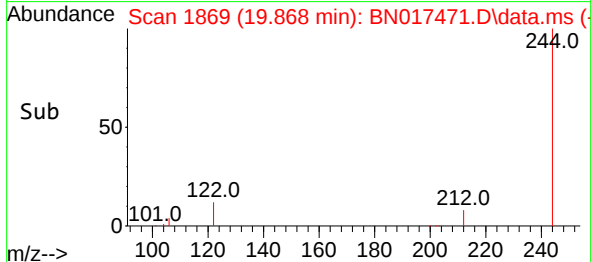
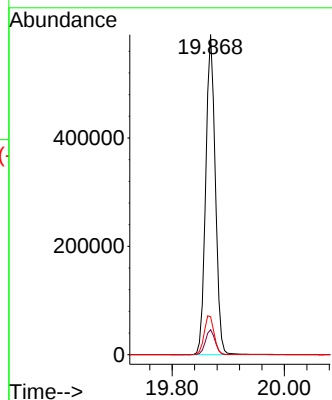
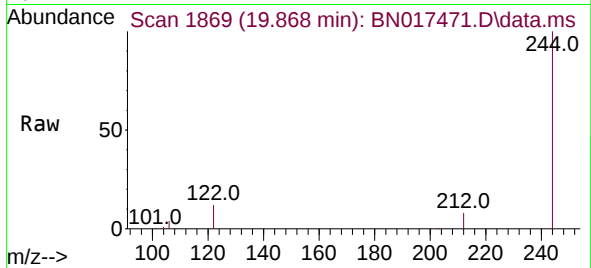




#31  
 Terphenyl-d14  
 Concen: 3.450 ng  
 RT: 19.868 min Scan# 1869  
 Delta R.T. 0.000 min  
 Lab File: BN017471.D  
 Acq: 16 Nov 2021 11:54

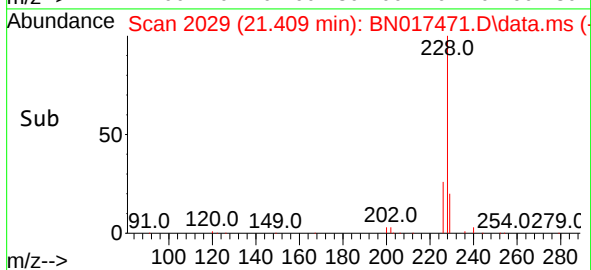
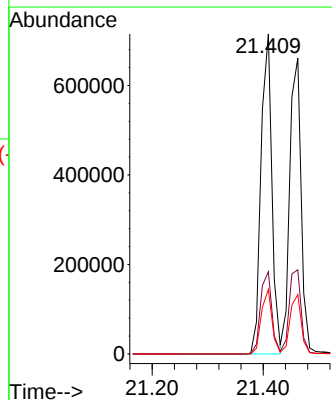
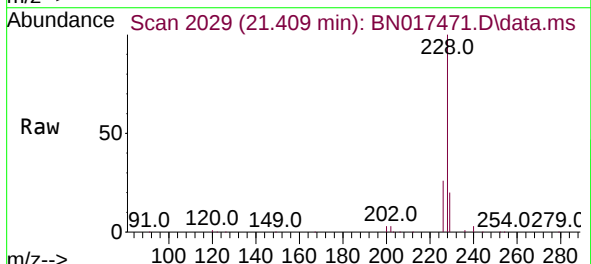
Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDICC3.2

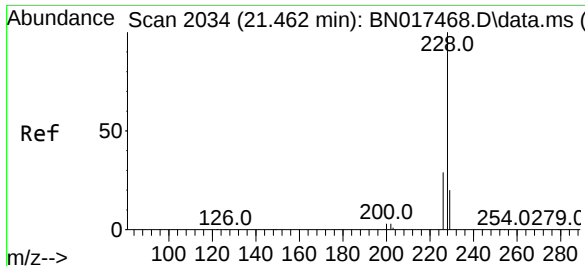
Tgt Ion:244 Resp: 698556  
 Ion Ratio Lower Upper  
 244 100  
 212 7.8 5.7 8.5  
 122 11.9 8.6 13.0



#32  
 Benzo(a)anthracene  
 Concen: 3.519 ng  
 RT: 21.409 min Scan# 2029  
 Delta R.T. 0.000 min  
 Lab File: BN017471.D  
 Acq: 16 Nov 2021 11:54

Tgt Ion:228 Resp: 970564  
 Ion Ratio Lower Upper  
 228 100  
 226 25.7 21.3 31.9  
 229 20.1 15.7 23.5

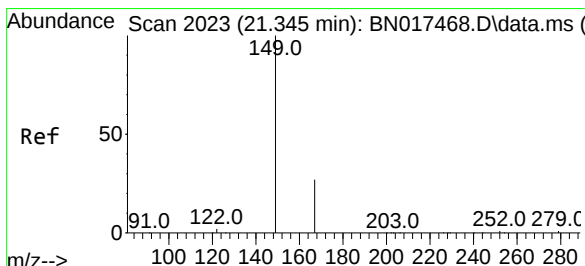
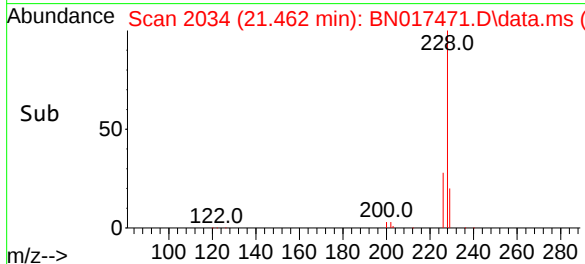
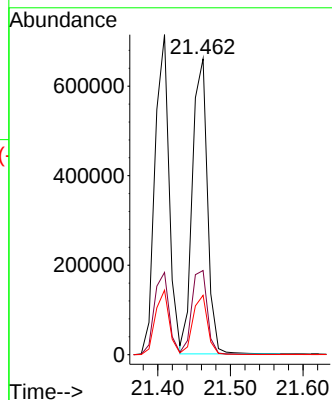
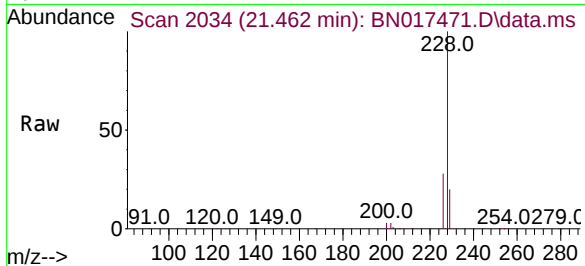




#33  
Chrysene  
Concen: 3.219 ng  
RT: 21.462 min Scan# 2034  
Delta R.T. 0.000 min  
Lab File: BN017471.D  
Acq: 16 Nov 2021 11:54

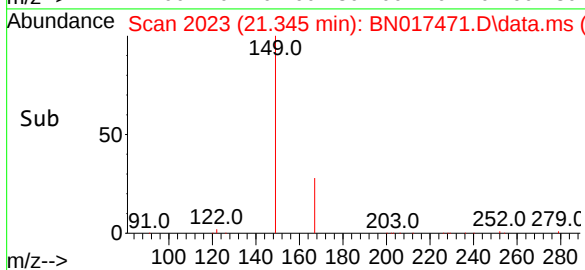
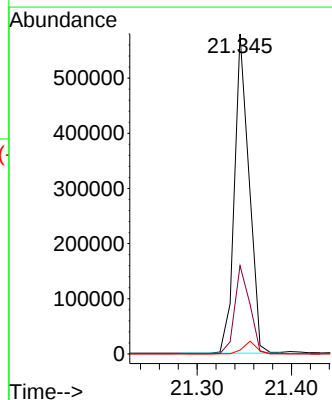
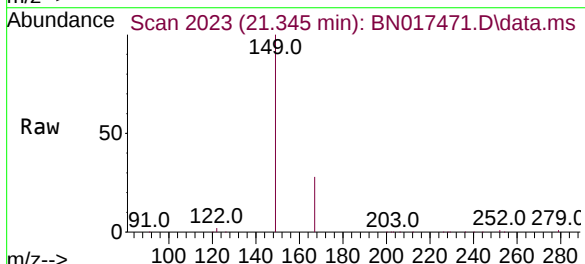
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICC3.2

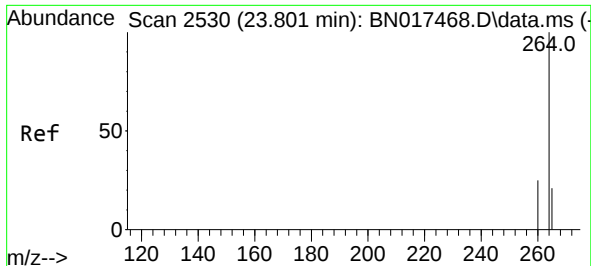
Tgt Ion:228 Resp: 944836  
Ion Ratio Lower Upper  
228 100  
226 28.4 23.3 34.9  
229 20.1 15.6 23.4



#34  
Bis(2-ethylhexyl)phthalate  
Concen: 6.392 ng  
RT: 21.345 min Scan# 2023  
Delta R.T. 0.000 min  
Lab File: BN017471.D  
Acq: 16 Nov 2021 11:54

Tgt Ion:149 Resp: 622009  
Ion Ratio Lower Upper  
149 100  
167 28.3 21.8 32.6  
279 3.7 3.4 5.0

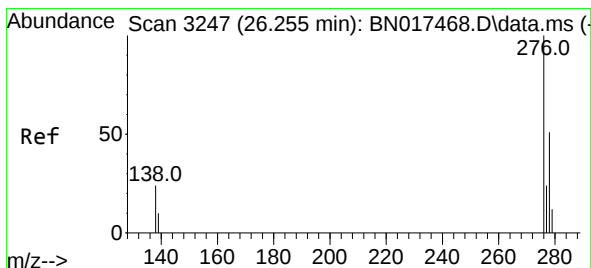
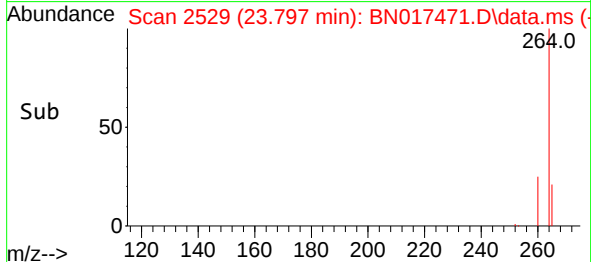
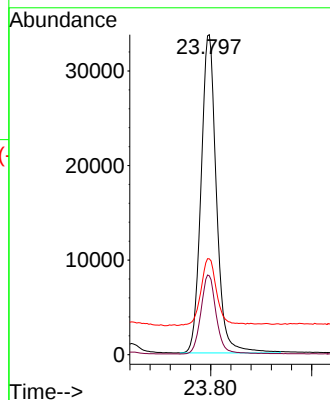
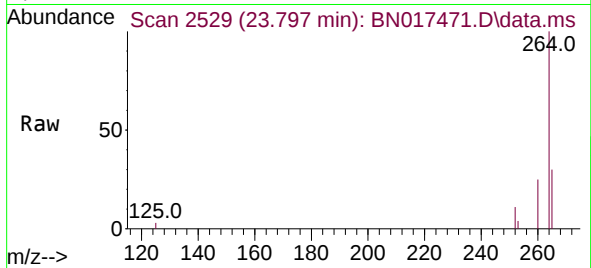




#35  
 Perylene-d12  
 Concen: 0.400 ng  
 RT: 23.797 min Scan# 21  
 Delta R.T. -0.003 min  
 Lab File: BN017471.D  
 Acq: 16 Nov 2021 11:54

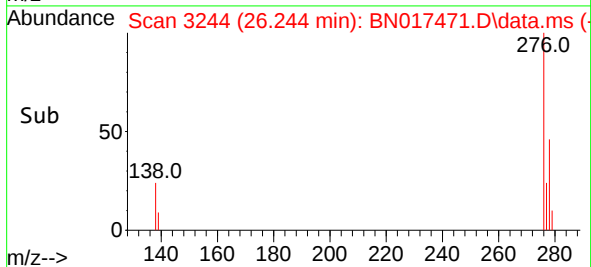
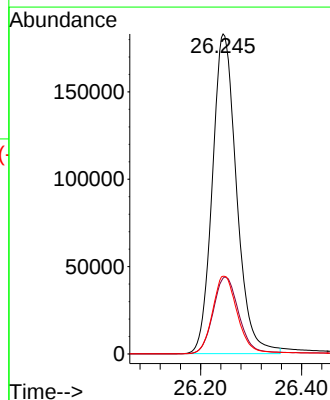
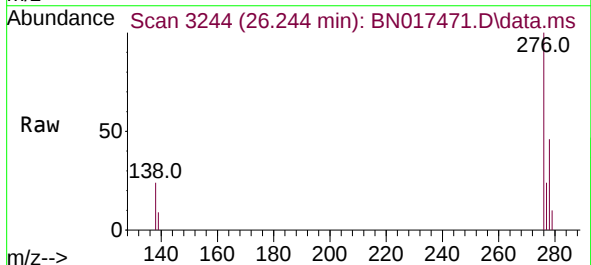
Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDICC3.2

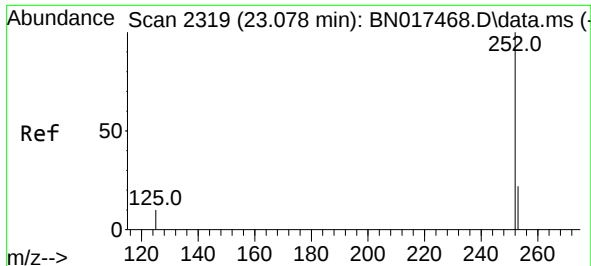
Tgt Ion:264 Resp: 71266  
 Ion Ratio Lower Upper  
 264 100  
 260 24.6 19.4 29.2  
 265 30.0 18.6 28.0#



#36  
 Indeno(1,2,3-cd)pyrene  
 Concen: 2.444 ng  
 RT: 26.244 min Scan# 3244  
 Delta R.T. -0.010 min  
 Lab File: BN017471.D  
 Acq: 16 Nov 2021 11:54

Tgt Ion:276 Resp: 609703  
 Ion Ratio Lower Upper  
 276 100  
 138 25.4 19.7 29.5  
 277 24.9 20.0 30.0





#37

Benzo(b)fluoranthene

Concen: 3.816 ng

RT: 23.075 min Scan# 2318

Delta R.T. -0.003 min

Lab File: BN017471.D

Acq: 16 Nov 2021 11:54

Instrument :

BN017471.D

ClientSampleId :

SSTDICC3.2

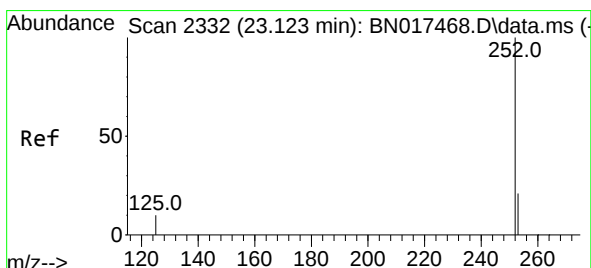
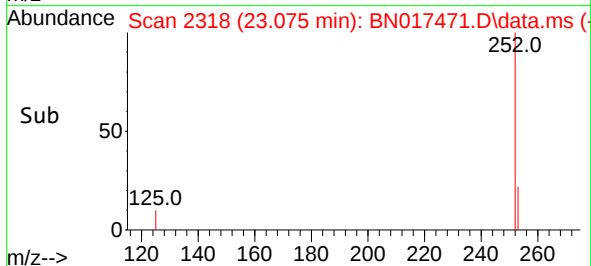
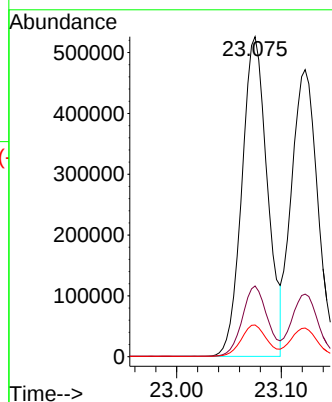
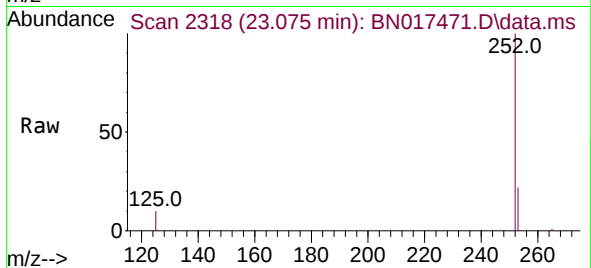
Tgt Ion:252 Resp: 888895

Ion Ratio Lower Upper

252 100

253 22.1 17.7 26.5

125 9.9 7.8 11.8



#38

Benzo(k)fluoranthene

Concen: 3.439 ng

RT: 23.123 min Scan# 2332

Delta R.T. 0.000 min

Lab File: BN017471.D

Acq: 16 Nov 2021 11:54

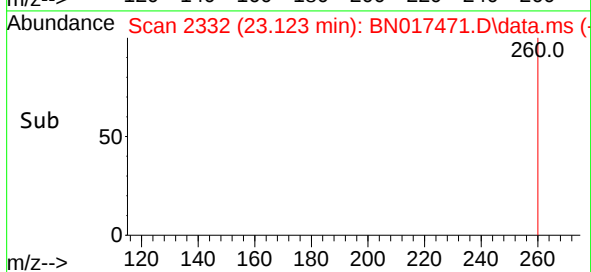
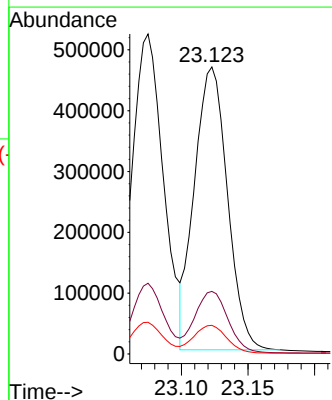
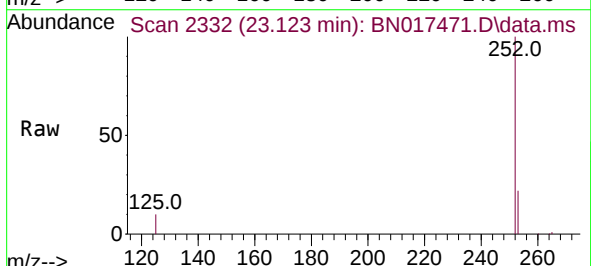
Tgt Ion:252 Resp: 801431

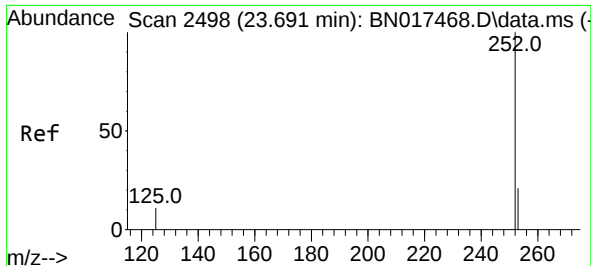
Ion Ratio Lower Upper

252 100

253 21.8 17.7 26.5

125 10.0 8.2 12.2

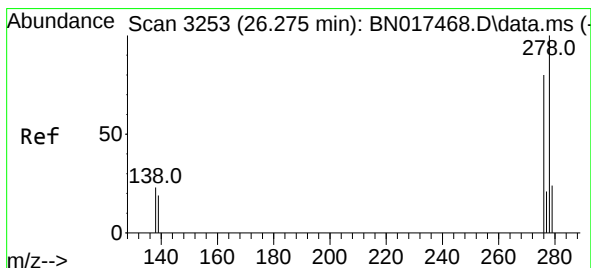
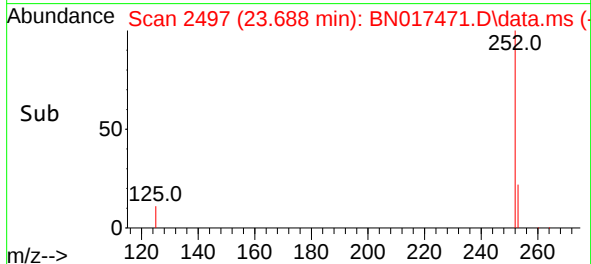
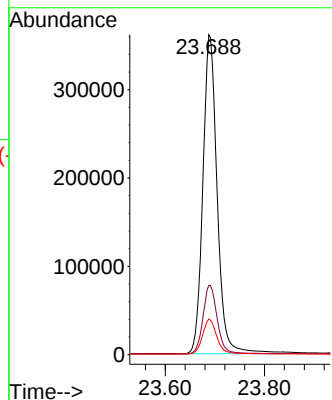
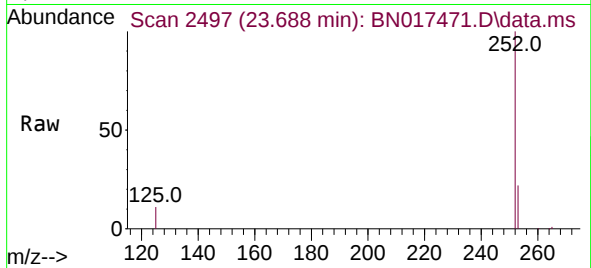




#39  
Benzo(a)pyrene  
Concen: 3.501 ng  
RT: 23.688 min Scan# 2497  
Delta R.T. -0.003 min  
Lab File: BN017471.D  
Acq: 16 Nov 2021 11:54

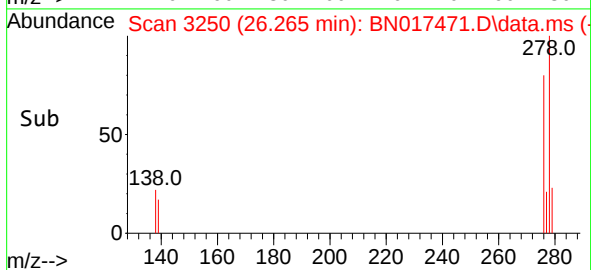
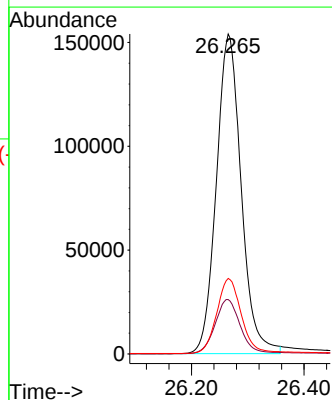
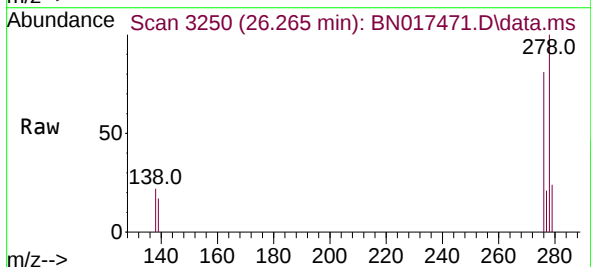
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICC3.2

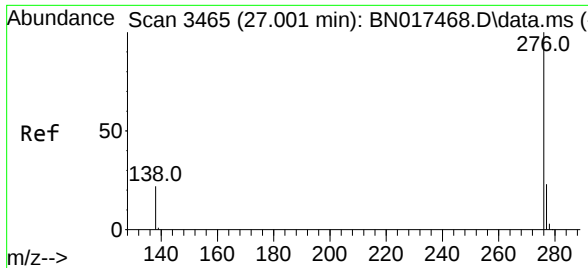
Tgt Ion:252 Resp: 721985  
Ion Ratio Lower Upper  
252 100  
253 21.7 17.9 26.9  
125 11.1 9.2 13.8



#40  
Dibenzo(a,h)anthracene  
Concen: 2.343 ng  
RT: 26.265 min Scan# 3250  
Delta R.T. -0.010 min  
Lab File: BN017471.D  
Acq: 16 Nov 2021 11:54

Tgt Ion:278 Resp: 470322  
Ion Ratio Lower Upper  
278 100  
139 17.0 13.0 19.6  
279 23.6 19.2 28.8





#41  
 Benzo(g,h,i)perylene  
 Concen: 2.547 ng  
 RT: 26.991 min Scan# 34  
 Delta R.T. -0.010 min  
 Lab File: BN017471.D  
 Acq: 16 Nov 2021 11:54

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDICC3.2

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 276   | Resp: | 551227 |
| Ion      | Ratio | Lower | Upper  |
| 276      | 100   |       |        |
| 277      | 23.7  | 19.0  | 28.4   |
| 138      | 22.1  | 17.1  | 25.7   |

