

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN122321\  
 Data File : BN018179.D  
 Acq On : 23 Dec 2021 13:09  
 Operator : CG/JU  
 Sample : SSTDICC5.0  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDICC5.0

Quant Time: Dec 23 13:49:51 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN122321.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Dec 23 13:14:13 2021  
 Response via : Initial Calibration

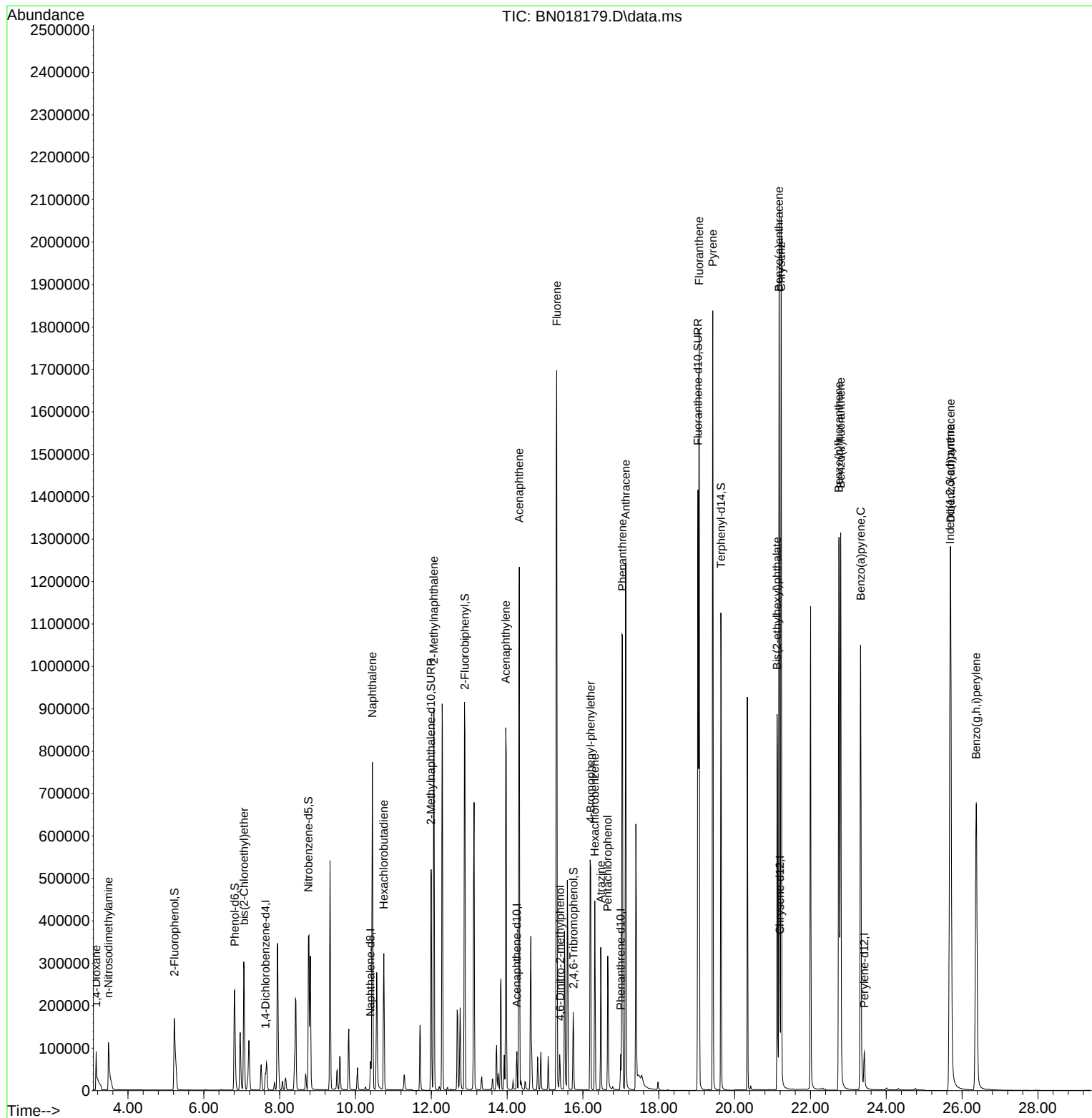
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.624  | 152  | 22897    | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.394 | 136  | 85095    | 0.400 | ng    | # 0.00   |
| 13) Acenaphthene-d10          | 14.256 | 164  | 51119    | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 16.993 | 188  | 105510   | 0.400 | ng    | 0.00     |
| 29) Chrysene-d12              | 21.195 | 240  | 111411   | 0.400 | ng    | # 0.00   |
| 35) Perylene-d12              | 23.419 | 264  | 110888   | 0.400 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.226  | 112  | 251500   | 5.067 | ng    | 0.00     |
| 5) Phenol-d6                  | 6.812  | 99   | 281122   | 5.649 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 8.759  | 82   | 337485   | 5.589 | ng    | -0.01    |
| 11) 2-Methylnaphthalene-d10   | 11.994 | 152  | 710589   | 5.036 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.753 | 330  | 161976   | 6.900 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 12.885 | 172  | 913303   | 5.127 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.033 | 212  | 1697366  | 4.817 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.638 | 244  | 1170329  | 5.040 | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       |          |
|                               |        |      |          |       |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.161  | 88   | 61165    | 4.286 | ng    | # 56     |
| 3) n-Nitrosodimethylamine     | 3.484  | 42   | 104313   | 4.887 | ng    | 98       |
| 6) bis(2-Chloroethyl)ether    | 7.061  | 93   | 268233   | 4.564 | ng    | 99       |
| 9) Naphthalene                | 10.444 | 128  | 994794   | 4.658 | ng    | 100      |
| 10) Hexachlorobutadiene       | 10.749 | 225  | 269565   | 4.587 | ng    | # 100    |
| 12) 2-Methylnaphthalene       | 12.069 | 142  | 654814   | 4.911 | ng    | 98       |
| 16) Acenaphthylene            | 13.964 | 152  | 1051203  | 4.973 | ng    | 100      |
| 17) Acenaphthene              | 14.319 | 154  | 644025   | 4.788 | ng    | 97       |
| 18) Fluorene                  | 15.309 | 166  | 797089   | 4.830 | ng    | 99       |
| 20) 4,6-Dinitro-2-methylph... | 15.398 | 198  | 69329    | 6.982 | ng    | # 68     |
| 21) 4-Bromophenyl-phenylether | 16.202 | 248  | 332901   | 5.210 | ng    | # 75     |
| 22) Hexachlorobenzene         | 16.311 | 284  | 358014   | 4.693 | ng    | 99       |
| 23) Atrazine                  | 16.470 | 200  | 256132   | 5.792 | ng    | 99       |
| 24) Pentachlorophenol         | 16.652 | 266  | 164930   | 9.561 | ng    | 99       |
| 25) Phenanthrene              | 17.042 | 178  | 1306769  | 4.865 | ng    | 99       |
| 26) Anthracene                | 17.127 | 178  | 1235379  | 5.096 | ng    | 99       |
| 28) Fluoranthene              | 19.063 | 202  | 1571434  | 4.693 | ng    | 99       |
| 30) Pyrene                    | 19.425 | 202  | 1675858  | 4.582 | ng    | 100      |
| 32) Benzo(a)anthracene        | 21.174 | 228  | 1754589  | 5.235 | ng    | 100      |
| 33) Chrysene                  | 21.227 | 228  | 1660872  | 4.648 | ng    | 99       |
| 34) Bis(2-ethylhexyl)phtha... | 21.121 | 149  | 870654   | 5.291 | ng    | 99       |
| 36) Indeno(1,2,3-cd)pyrene    | 25.685 | 276  | 1700185  | 4.580 | ng    | 99       |
| 37) Benzo(b)fluoranthene      | 22.752 | 252  | 1712006  | 5.197 | ng    | 99       |
| 38) Benzo(k)fluoranthene      | 22.796 | 252  | 1682085  | 5.233 | ng    | 99       |
| 39) Benzo(a)pyrene            | 23.323 | 252  | 1610054  | 4.799 | ng    | 99       |
| 40) Dibenzo(a,h)anthracene    | 25.699 | 278  | 1332088  | 4.602 | ng    | 99       |
| 41) Benzo(g,h,i)perylene      | 26.373 | 276  | 1534411  | 4.418 | ng    | 100      |
| -----                         |        |      |          |       |       |          |

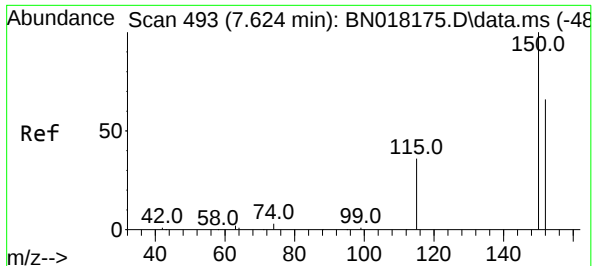
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN122321\  
Data File : BN018179.D  
Acq On : 23 Dec 2021 13:09  
Operator : CG/JU  
Sample : SSTDICC5.0  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICC5.0

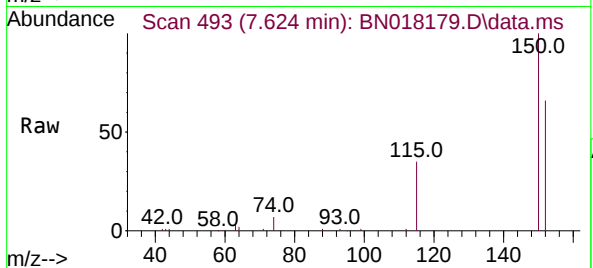
Quant Time: Dec 23 13:49:51 2021  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN122321.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Dec 23 13:14:13 2021  
Response via : Initial Calibration



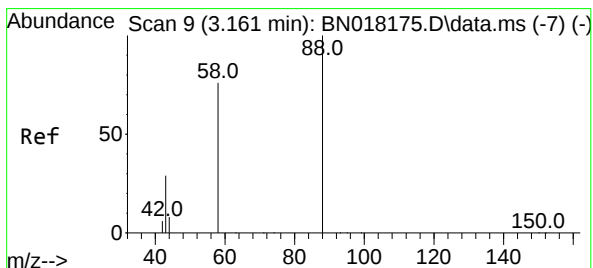
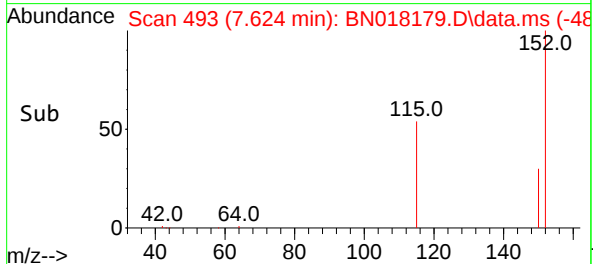
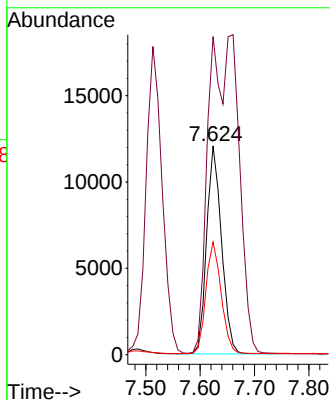


#1  
1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 7.624 min Scan# 493  
Delta R.T. -0.000 min  
Lab File: BN018179.D  
Acq: 23 Dec 2021 13:09

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICC5.0

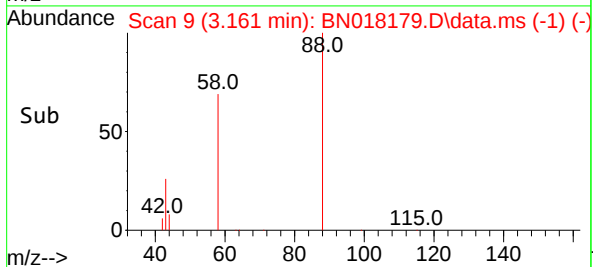
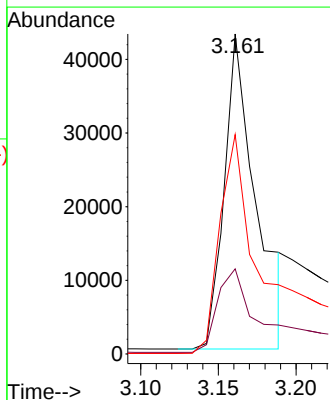
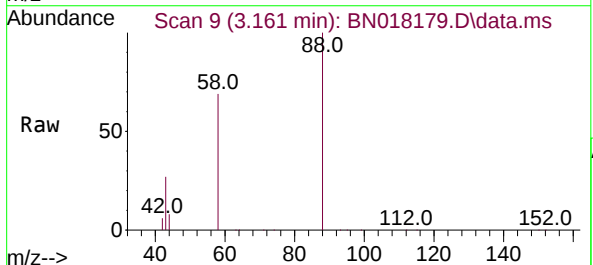


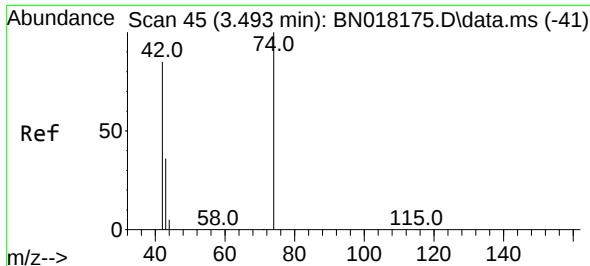
Tgt Ion:152 Resp: 22897  
Ion Ratio Lower Upper  
152 100  
150 152.3 121.7 182.5  
115 54.0 43.8 65.8



#2  
1,4-Dioxane  
Concen: 4.286 ng  
RT: 3.161 min Scan# 9  
Delta R.T. -0.000 min  
Lab File: BN018179.D  
Acq: 23 Dec 2021 13:09

Tgt Ion: 88 Resp: 61165  
Ion Ratio Lower Upper  
88 100  
43 30.4 69.7 104.5#  
58 75.0 83.8 125.8#

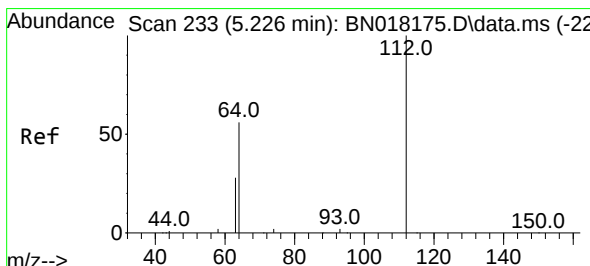
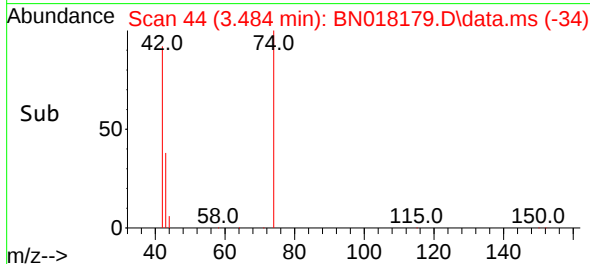
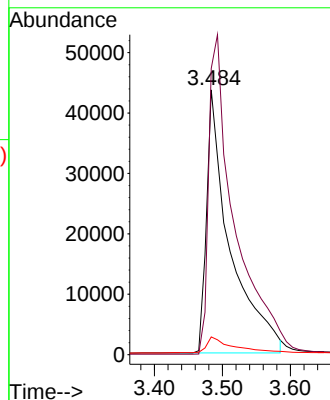
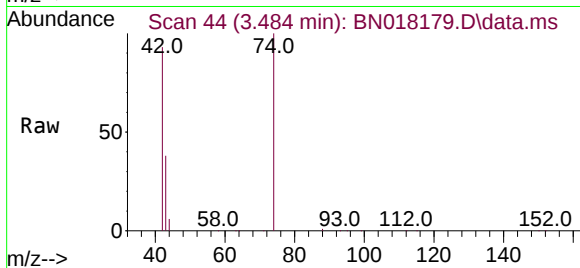




#3  
n-Nitrosodimethylamine  
Concen: 4.887 ng  
RT: 3.484 min Scan# 44  
Delta R.T. -0.009 min  
Lab File: BN018179.D  
Acq: 23 Dec 2021 13:09

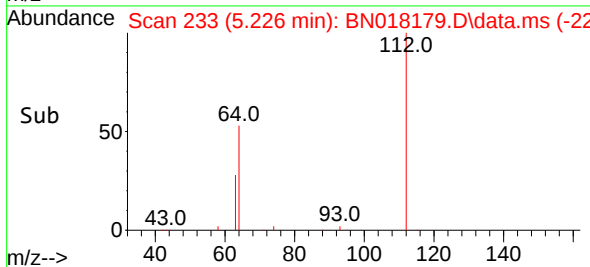
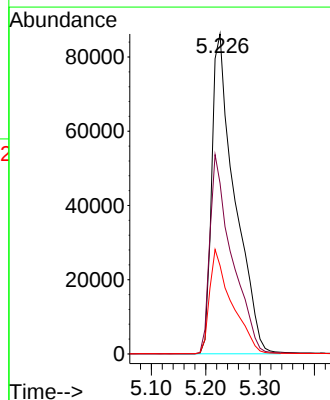
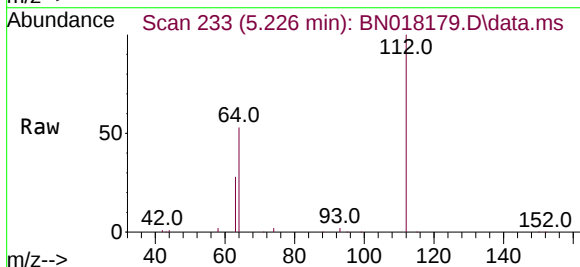
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICC5.0

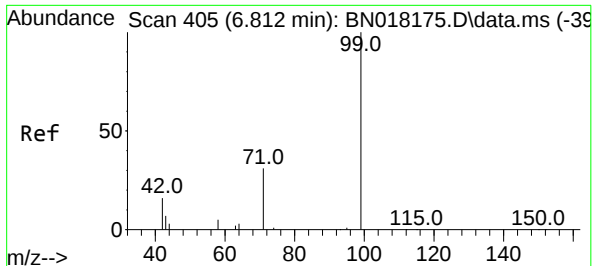
Tgt Ion: 42 Resp: 104313  
Ion Ratio Lower Upper  
42 100  
74 133.2 108.6 163.0  
44 6.8 5.8 8.8



#4  
2-Fluorophenol  
Concen: 5.067 ng  
RT: 5.226 min Scan# 233  
Delta R.T. -0.000 min  
Lab File: BN018179.D  
Acq: 23 Dec 2021 13:09

Tgt Ion: 112 Resp: 251500  
Ion Ratio Lower Upper  
112 100  
64 60.1 48.0 72.0  
63 31.5 25.3 37.9

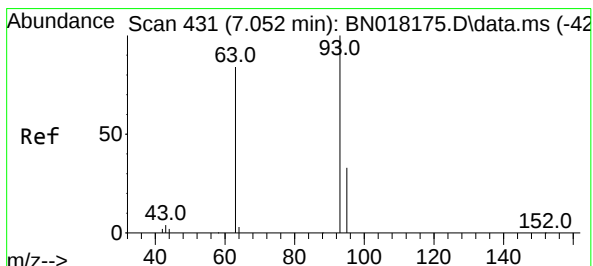
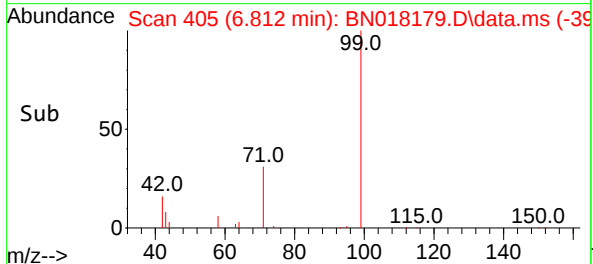
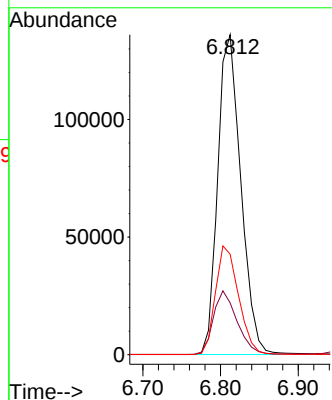
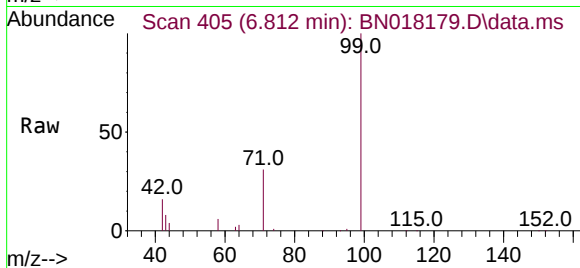




#5  
Phenol-d6  
Concen: 5.649 ng  
RT: 6.812 min Scan# 405  
Delta R.T. -0.000 min  
Lab File: BN018179.D  
Acq: 23 Dec 2021 13:09

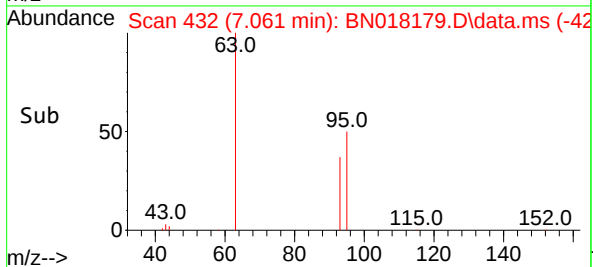
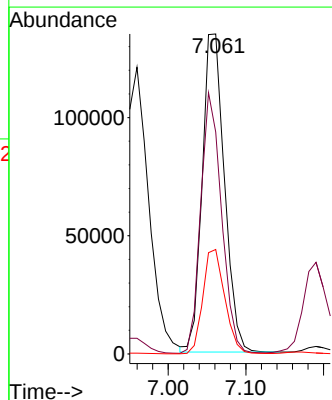
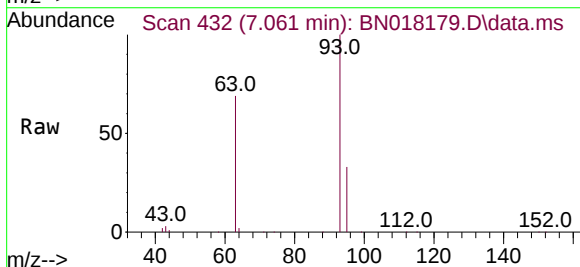
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICC5.0

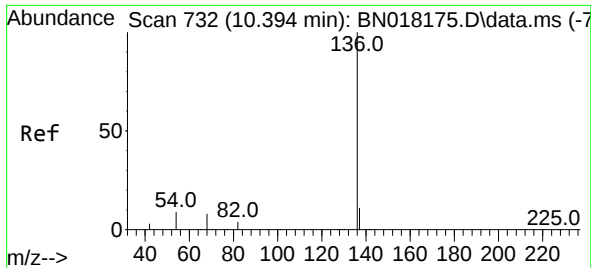
Tgt Ion: 99 Resp: 281122  
Ion Ratio Lower Upper  
99 100  
42 20.3 16.3 24.5  
71 34.0 26.8 40.2



#6  
bis(2-Chloroethyl)ether  
Concen: 4.564 ng  
RT: 7.061 min Scan# 432  
Delta R.T. 0.009 min  
Lab File: BN018179.D  
Acq: 23 Dec 2021 13:09

Tgt Ion: 93 Resp: 268233  
Ion Ratio Lower Upper  
93 100  
63 76.6 61.7 92.5  
95 32.2 26.2 39.4

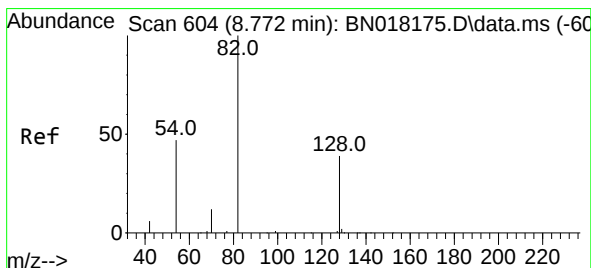
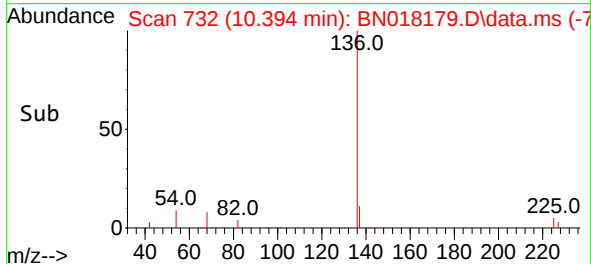
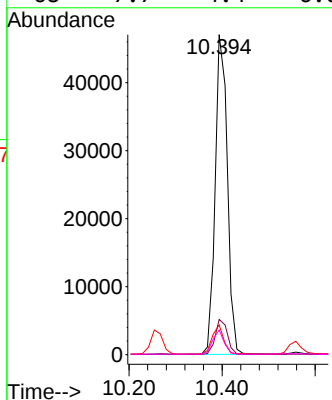
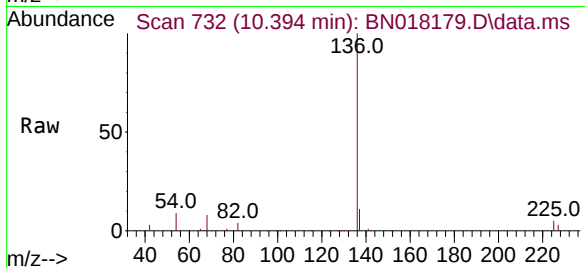




#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.394 min Scan# 732  
Delta R.T. -0.000 min  
Lab File: BN018179.D  
Acq: 23 Dec 2021 13:09

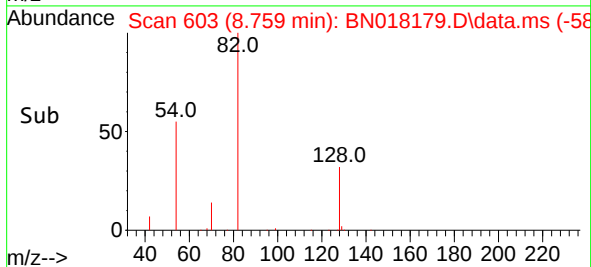
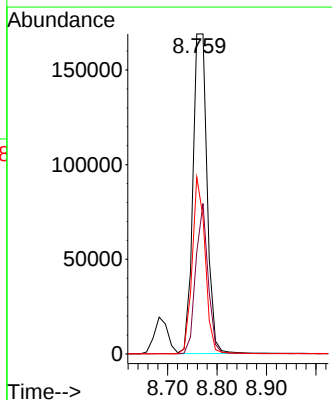
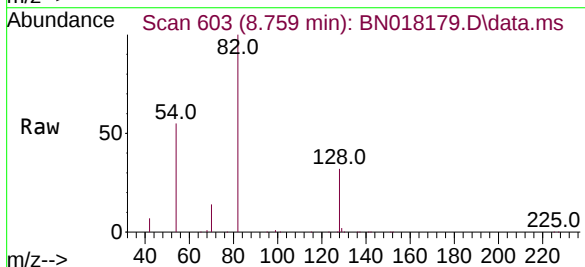
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICC5.0

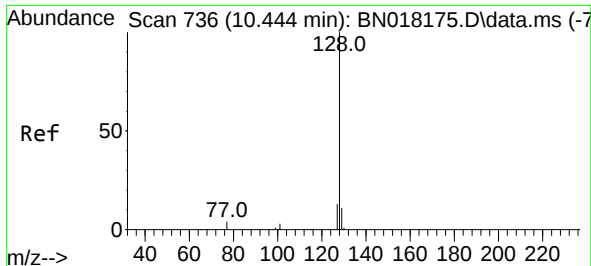
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|-----------|-------|-------|-------|
| Tgt Ion:  | 136   | Resp: | 85095 |
| Ion Ratio | Lower | Upper |       |
| 136       | 100   |       |       |
| 137       | 11.0  | 8.8   | 13.2  |
| 54        | 9.3   | 5.0   | 7.6#  |
| 68        | 7.7   | 4.4   | 6.6#  |



#8  
Nitrobenzene-d5  
Concen: 5.589 ng  
RT: 8.759 min Scan# 603  
Delta R.T. -0.013 min  
Lab File: BN018179.D  
Acq: 23 Dec 2021 13:09

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 82    | Resp: | 337485 |
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 128       | 31.8  | 33.7  | 50.5#  |
| 54        | 55.3  | 36.6  | 55.0#  |

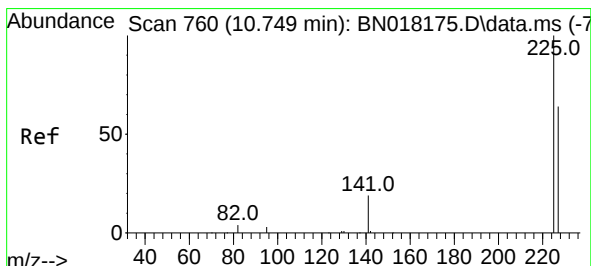
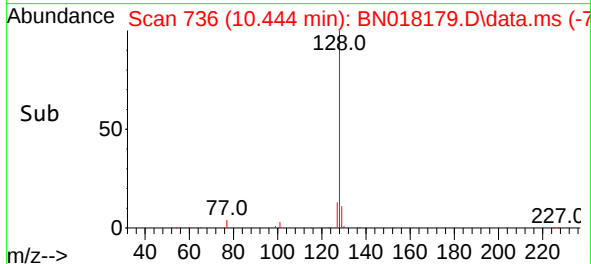
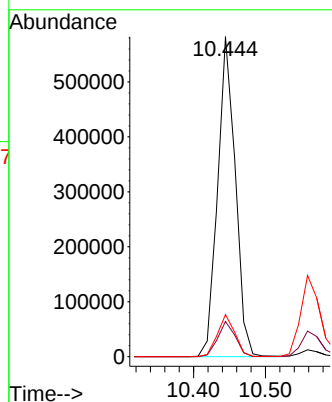
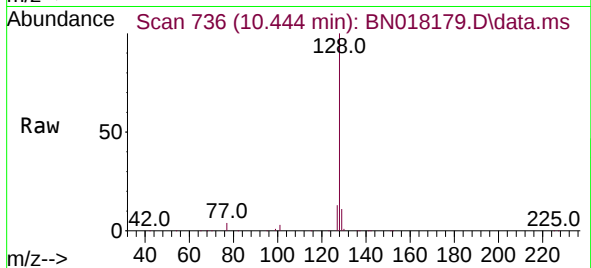




#9  
Naphthalene  
Concen: 4.658 ng  
RT: 10.444 min Scan# 736  
Delta R.T. -0.000 min  
Lab File: BN018179.D  
Acq: 23 Dec 2021 13:09

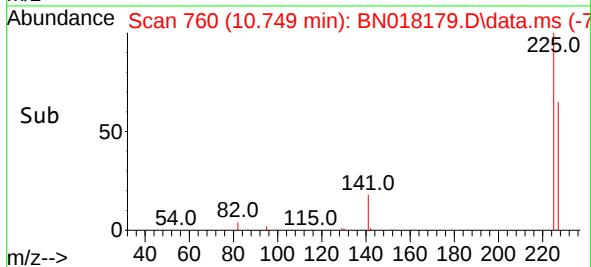
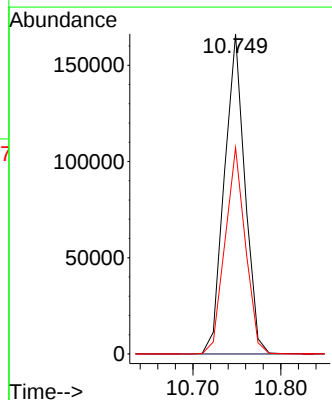
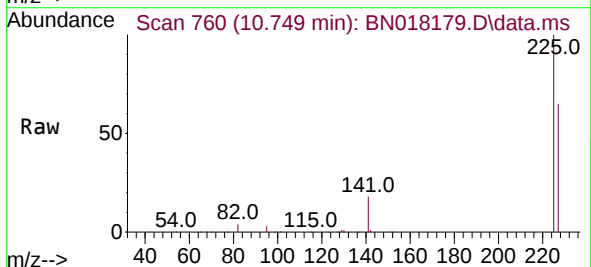
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICC5.0

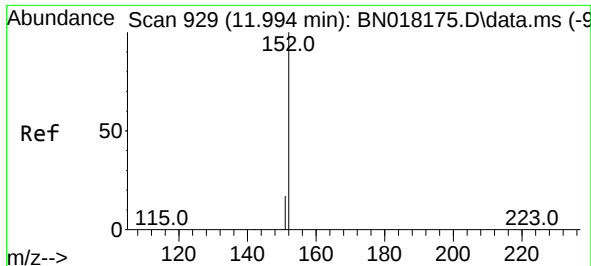
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Ion Ratio Lower Upper  
128 100  
129 11.0 8.7 13.1  
127 13.1 10.4 15.6



#10  
Hexachlorobutadiene  
Concen: 4.587 ng  
RT: 10.749 min Scan# 760  
Delta R.T. -0.000 min  
Lab File: BN018179.D  
Acq: 23 Dec 2021 13:09

Tgt Ion:225 Resp: 269565  
Ion Ratio Lower Upper  
225 100  
223 0.0 0.0 0.0  
227 64.1 51.0 76.6

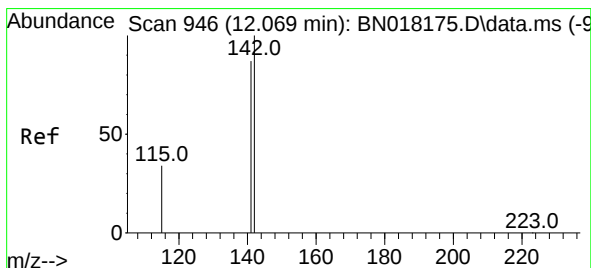
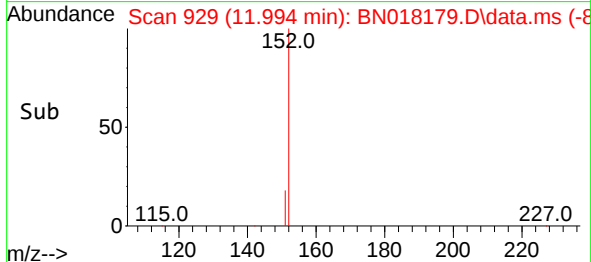
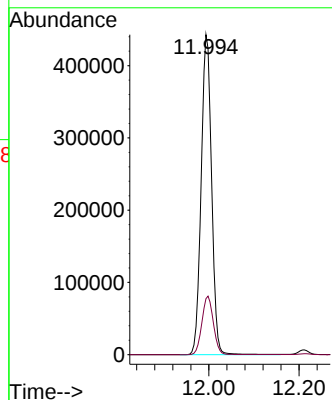
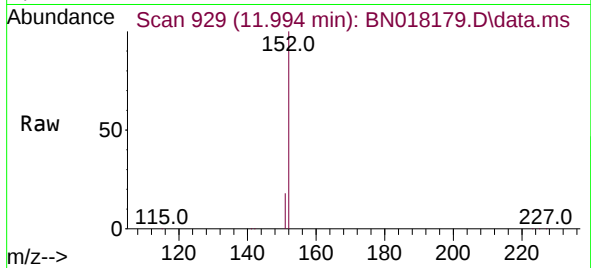




#11  
2-Methylnaphthalene-d10  
Concen: 5.036 ng  
RT: 11.994 min Scan# 911  
Delta R.T. -0.000 min  
Lab File: BN018179.D  
Acq: 23 Dec 2021 13:09

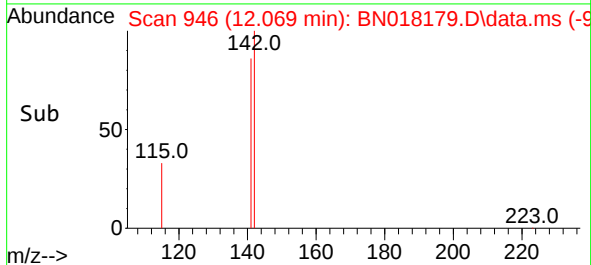
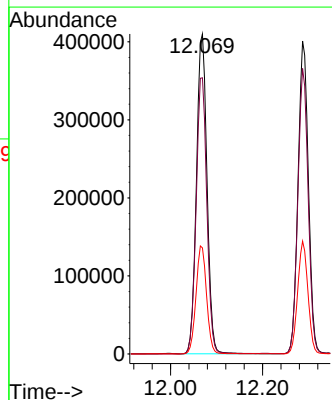
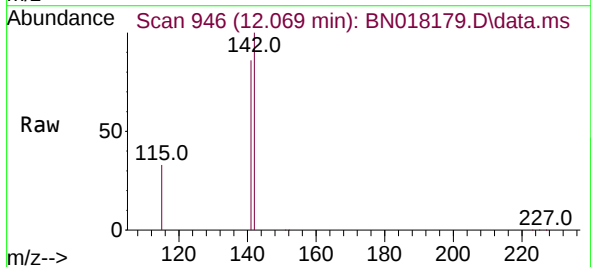
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICC5.0

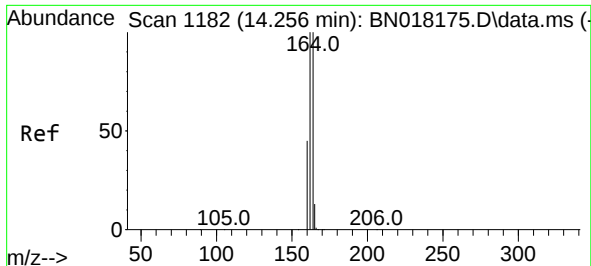
Tgt Ion:152 Resp: 710589  
Ion Ratio Lower Upper  
152 100  
151 20.1 16.2 24.2



#12  
2-Methylnaphthalene  
Concen: 4.911 ng  
RT: 12.069 min Scan# 946  
Delta R.T. -0.000 min  
Lab File: BN018179.D  
Acq: 23 Dec 2021 13:09

Tgt Ion:142 Resp: 654814  
Ion Ratio Lower Upper  
142 100  
141 86.3 70.0 105.0  
115 33.2 27.8 41.8

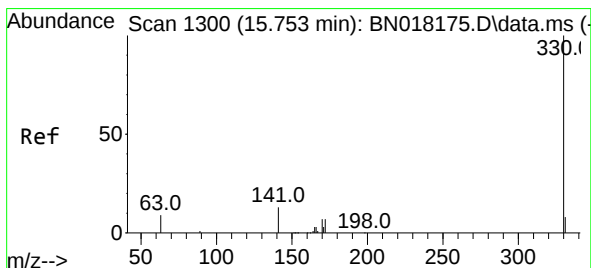
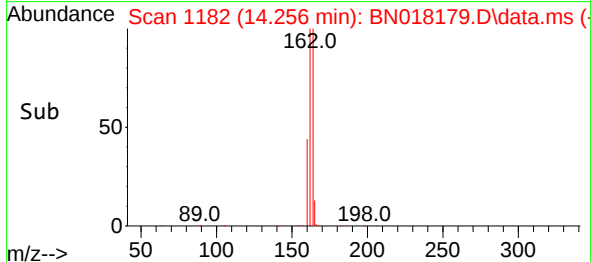
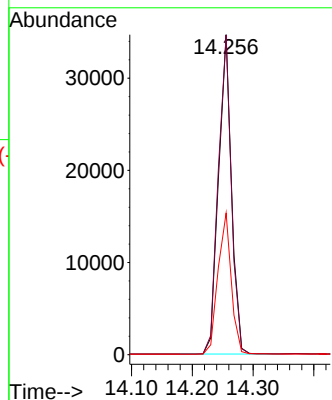
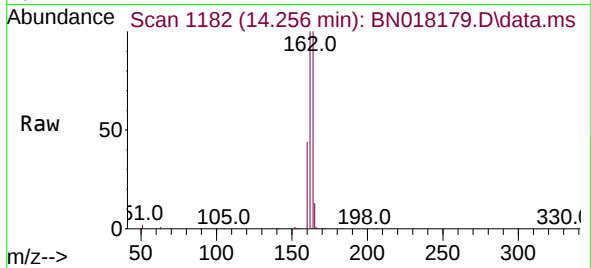




#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.256 min Scan# 1182  
Delta R.T. -0.000 min  
Lab File: BN018179.D  
Acq: 23 Dec 2021 13:09

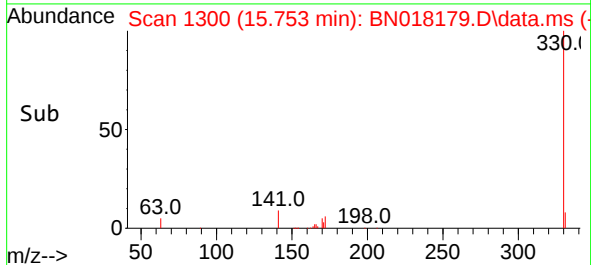
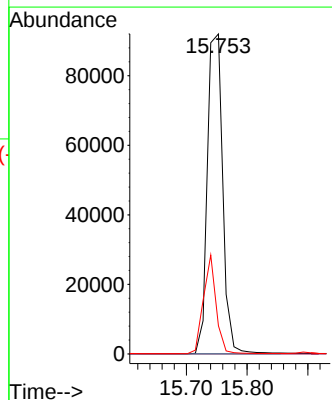
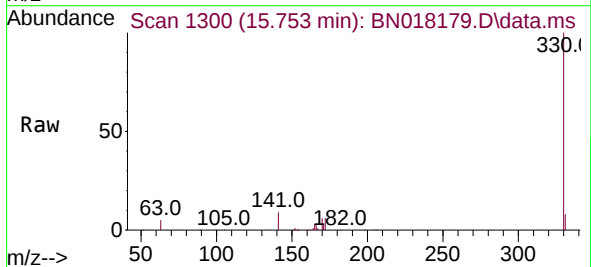
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICC5.0

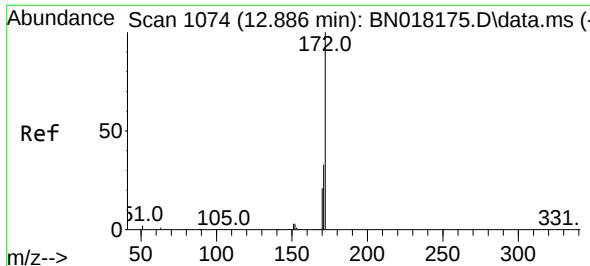
Tgt Ion:164 Resp: 51119  
Ion Ratio Lower Upper  
164 100  
162 99.9 80.2 120.2  
160 44.3 36.9 55.3



#14  
2,4,6-Tribromophenol  
Concen: 6.900 ng  
RT: 15.753 min Scan# 1300  
Delta R.T. -0.000 min  
Lab File: BN018179.D  
Acq: 23 Dec 2021 13:09

Tgt Ion:330 Resp: 161976  
Ion Ratio Lower Upper  
330 100  
332 0.0 0.0 0.0  
141 25.5 21.3 31.9

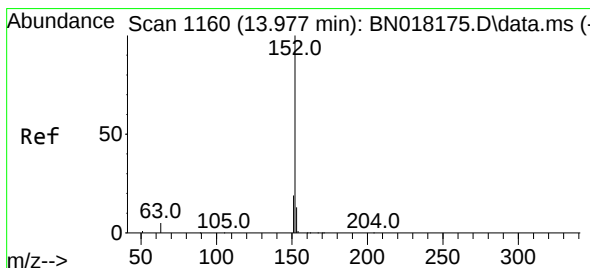
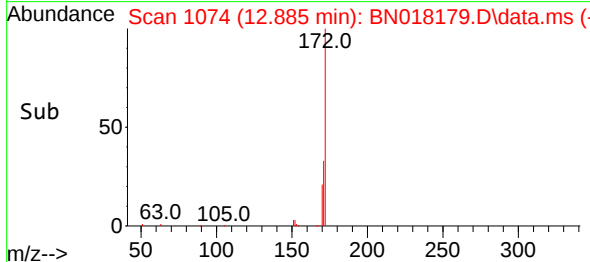
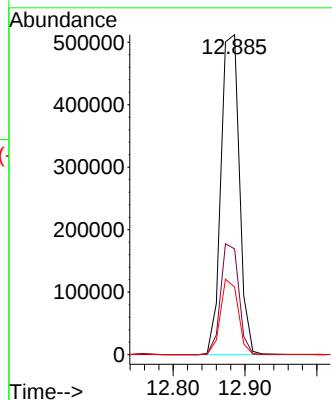
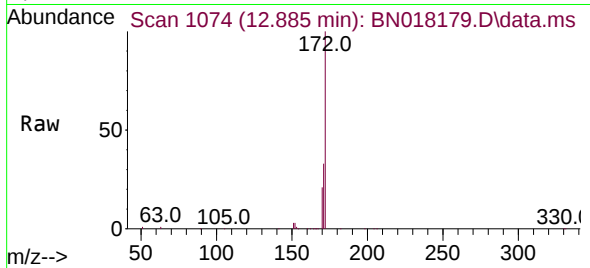




#15  
2-Fluorobiphenyl  
Concen: 5.127 ng  
RT: 12.885 min Scan# 1159  
Delta R.T. -0.000 min  
Lab File: BN018179.D  
Acq: 23 Dec 2021 13:09

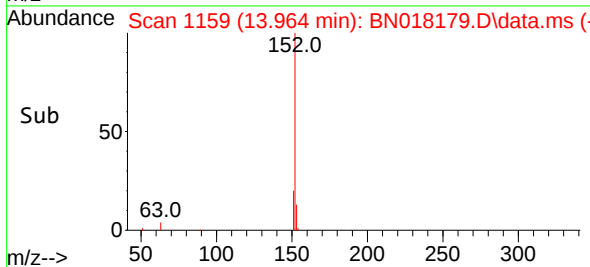
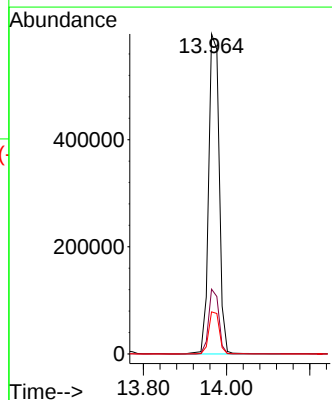
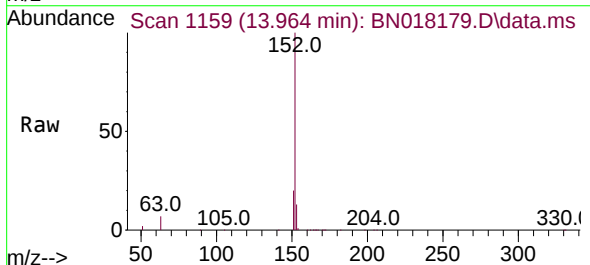
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICC5.0

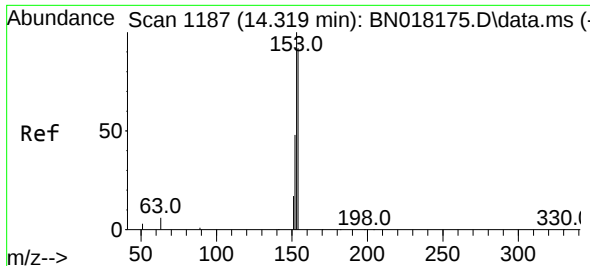
Tgt Ion:172 Resp: 913303  
Ion Ratio Lower Upper  
172 100  
171 33.0 27.4 41.0  
170 21.1 18.4 27.6



#16  
Acenaphthylene  
Concen: 4.973 ng  
RT: 13.964 min Scan# 1159  
Delta R.T. -0.013 min  
Lab File: BN018179.D  
Acq: 23 Dec 2021 13:09

Tgt Ion:152 Resp: 1051203  
Ion Ratio Lower Upper  
152 100  
151 19.5 15.8 23.6  
153 13.2 10.5 15.7

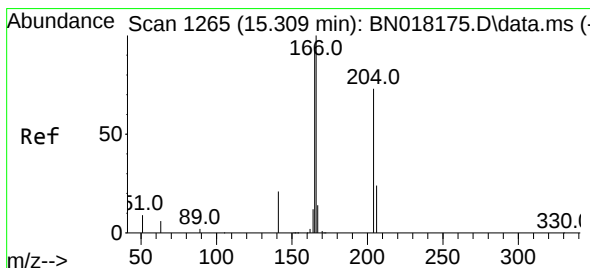
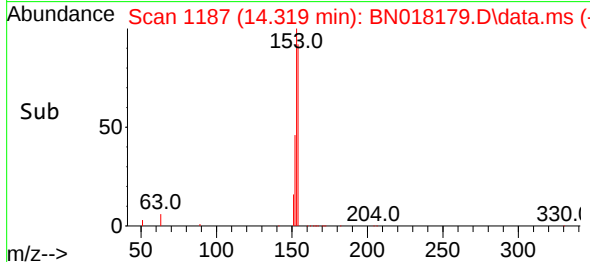
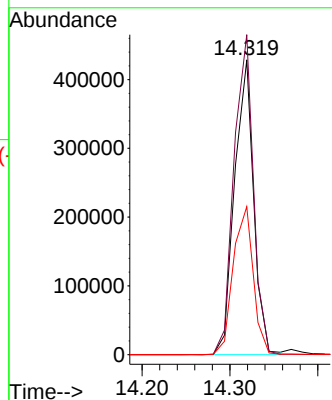
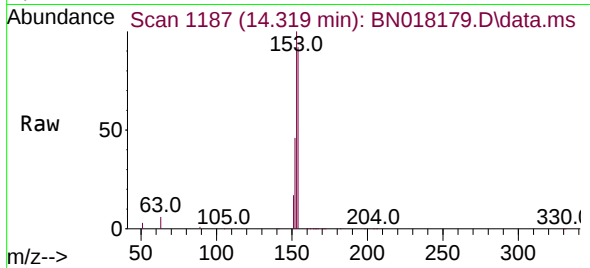




#17  
Acenaphthene  
Concen: 4.788 ng  
RT: 14.319 min Scan# 1187  
Delta R.T. -0.000 min  
Lab File: BN018179.D  
Acq: 23 Dec 2021 13:09

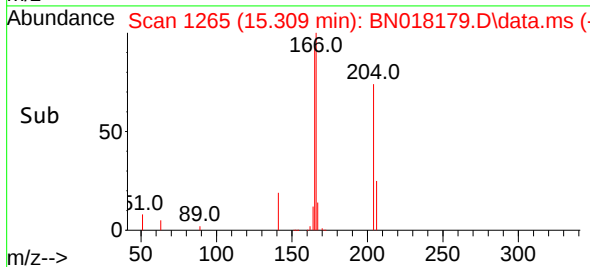
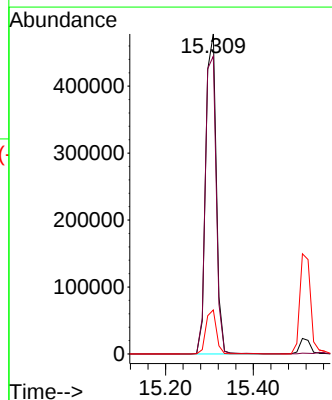
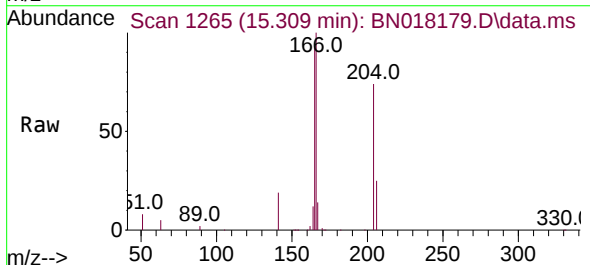
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICC5.0

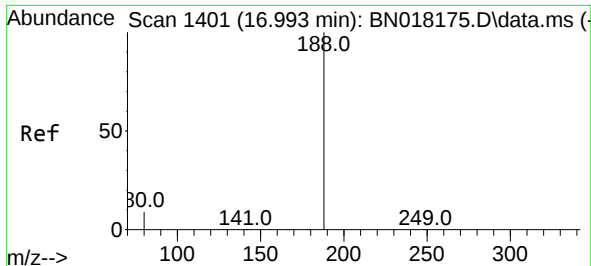
Tgt Ion:154 Resp: 644025  
Ion Ratio Lower Upper  
154 100  
153 110.9 90.9 136.3  
152 52.9 45.0 67.4



#18  
Fluorene  
Concen: 4.830 ng  
RT: 15.309 min Scan# 1265  
Delta R.T. -0.000 min  
Lab File: BN018179.D  
Acq: 23 Dec 2021 13:09

Tgt Ion:166 Resp: 797089  
Ion Ratio Lower Upper  
166 100  
165 96.4 77.8 116.6  
167 13.6 10.9 16.3

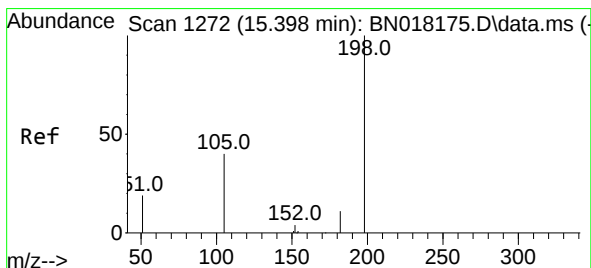
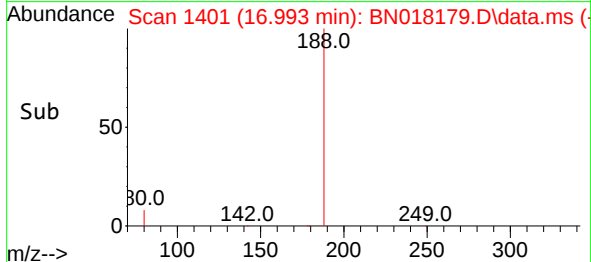
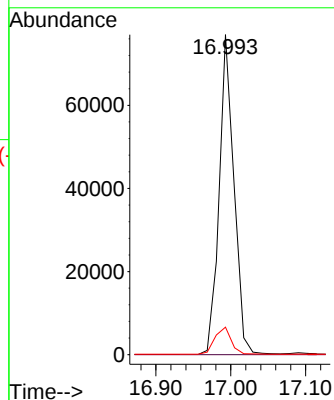
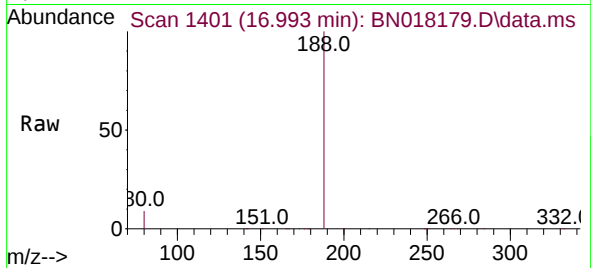




#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 16.993 min Scan# 1401  
Delta R.T. -0.000 min  
Lab File: BN018179.D  
Acq: 23 Dec 2021 13:09

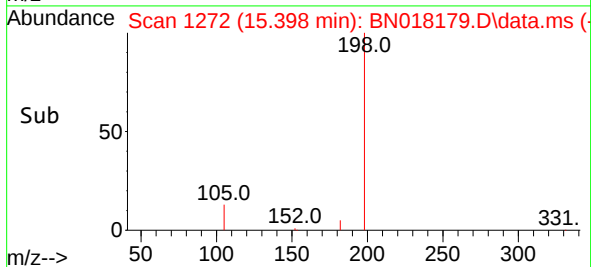
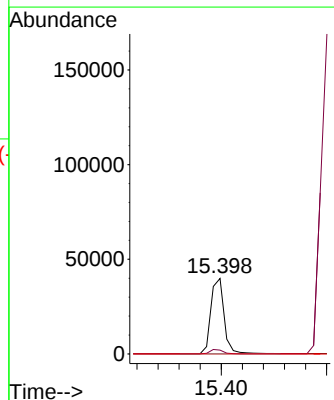
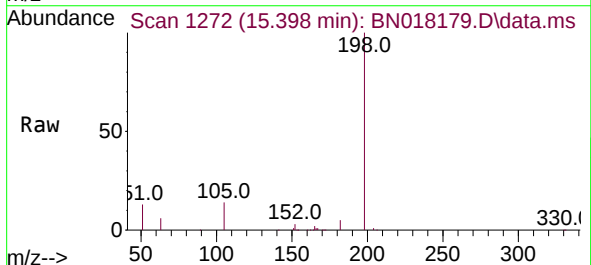
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICC5.0

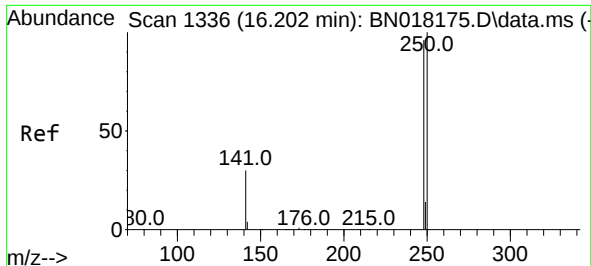
Tgt Ion:188 Resp: 105510  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 8.6 7.0 10.4



#20  
4,6-Dinitro-2-methylphenol  
Concen: 6.982 ng  
RT: 15.398 min Scan# 1272  
Delta R.T. -0.000 min  
Lab File: BN018179.D  
Acq: 23 Dec 2021 13:09

Tgt Ion:198 Resp: 69329  
Ion Ratio Lower Upper  
198 100  
182 5.1 15.5 23.3#  
77 0.0 0.0 0.0

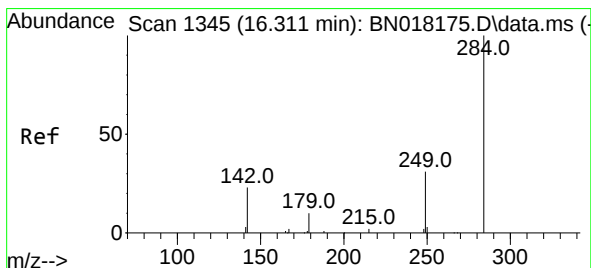
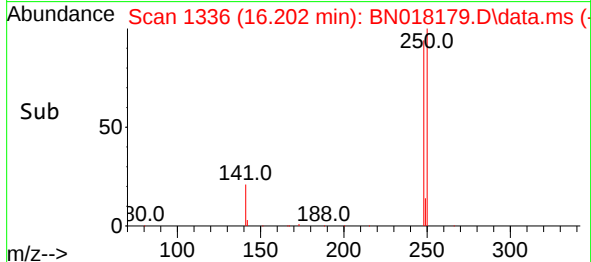
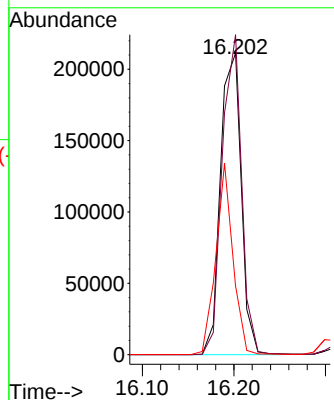
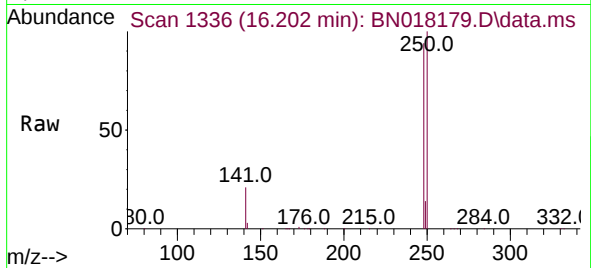




#21  
4-Bromophenyl-phenylether  
Concen: 5.210 ng  
RT: 16.202 min Scan# 1336  
Delta R.T. -0.000 min  
Lab File: BN018179.D  
Acq: 23 Dec 2021 13:09

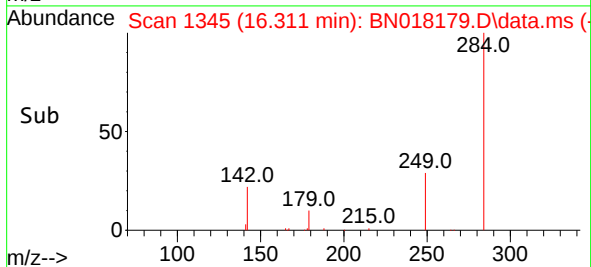
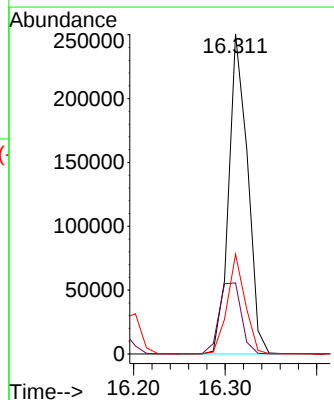
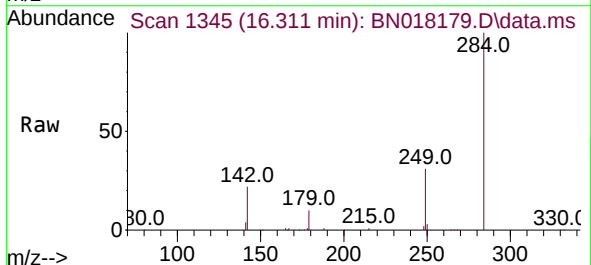
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICC5.0

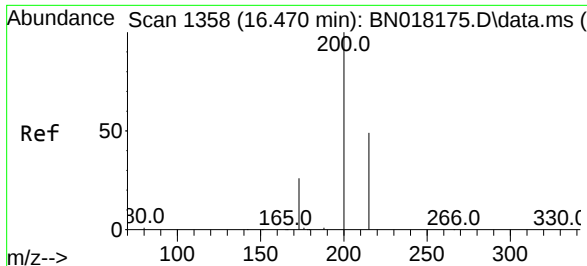
Tgt Ion:248 Resp: 332901  
Ion Ratio Lower Upper  
248 100  
250 106.1 74.4 111.6  
141 22.7 43.7 65.5#



#22  
Hexachlorobenzene  
Concen: 4.693 ng  
RT: 16.311 min Scan# 1345  
Delta R.T. -0.000 min  
Lab File: BN018179.D  
Acq: 23 Dec 2021 13:09

Tgt Ion:284 Resp: 358014  
Ion Ratio Lower Upper  
284 100  
142 26.2 21.6 32.4  
249 29.5 23.5 35.3

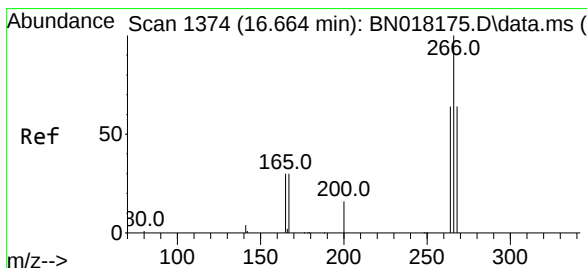
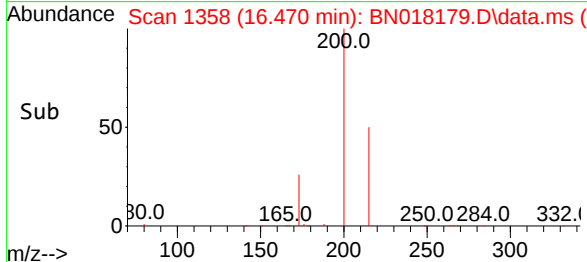
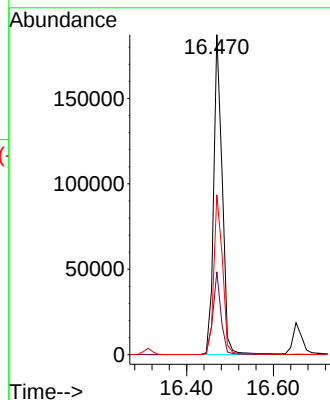
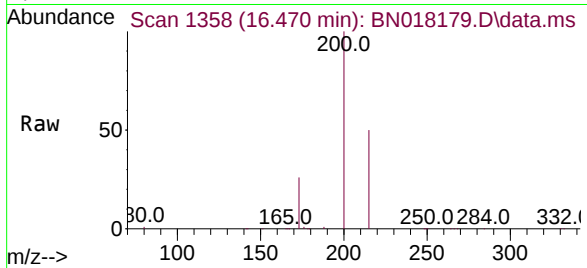




#23  
 Atrazine  
 Concen: 5.792 ng  
 RT: 16.470 min Scan# 11  
 Delta R.T. -0.000 min  
 Lab File: BN018179.D  
 Acq: 23 Dec 2021 13:09

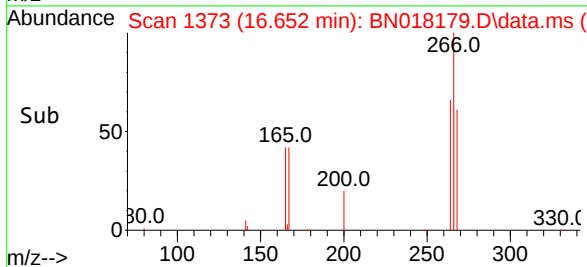
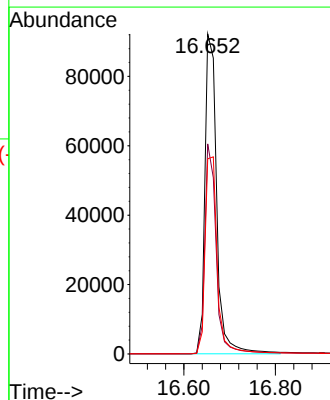
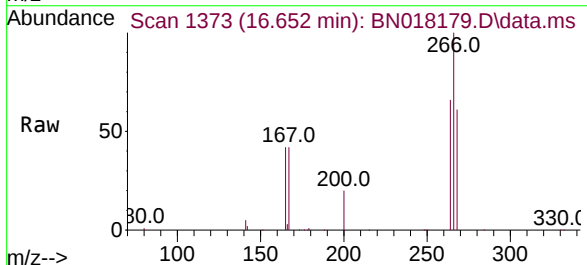
Instrument :  
 BNA\_N  
 ClientSampleId :  
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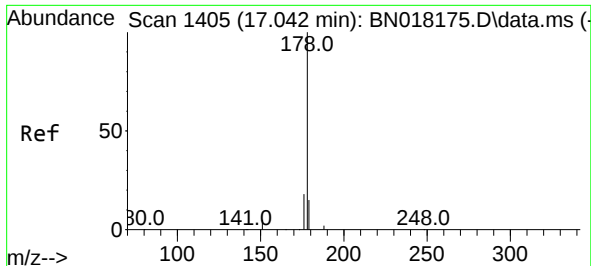
Tgt Ion:200 Resp: 256132  
 Ion Ratio Lower Upper  
 200 100  
 173 25.9 20.3 30.5  
 215 50.0 40.4 60.6



#24  
 Pentachlorophenol  
 Concen: 9.561 ng  
 RT: 16.652 min Scan# 1373  
 Delta R.T. -0.012 min  
 Lab File: BN018179.D  
 Acq: 23 Dec 2021 13:09

Tgt Ion:266 Resp: 164930  
 Ion Ratio Lower Upper  
 266 100  
 264 62.7 49.5 74.3  
 268 63.9 50.6 76.0

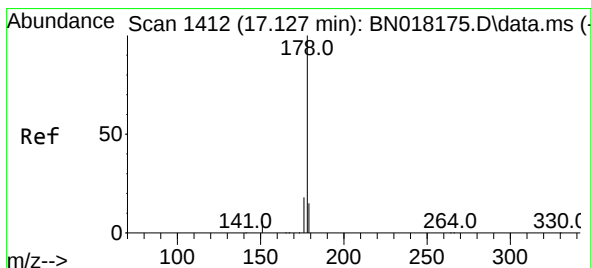
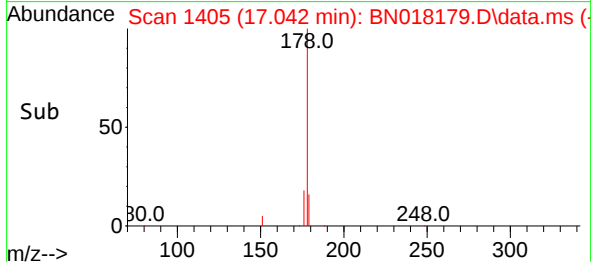
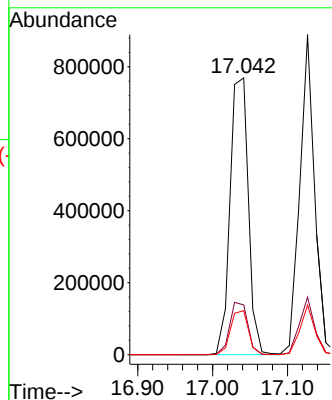
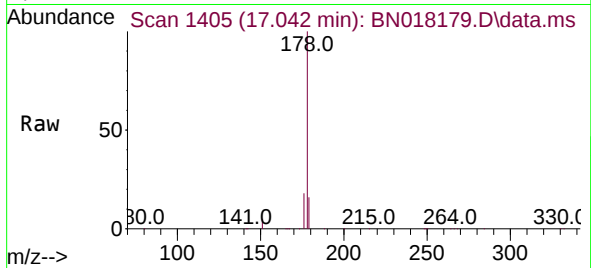




#25  
Phenanthrene  
Concen: 4.865 ng  
RT: 17.042 min Scan# 1405  
Delta R.T. -0.000 min  
Lab File: BN018179.D  
Acq: 23 Dec 2021 13:09

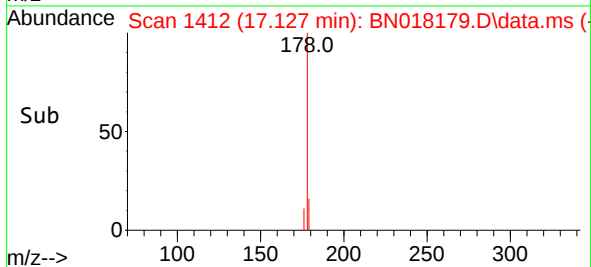
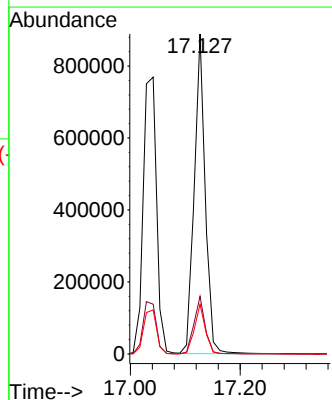
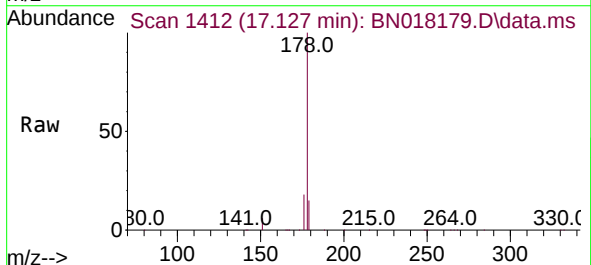
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICC5.0

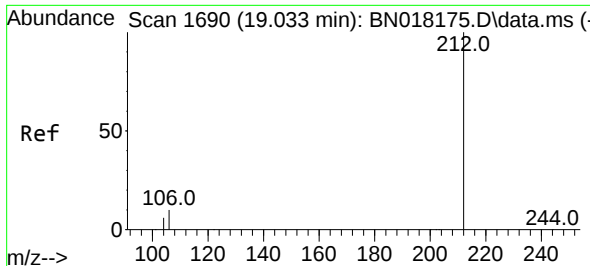
Tgt Ion:178 Resp: 1306769  
Ion Ratio Lower Upper  
178 100  
176 18.7 15.3 22.9  
179 15.6 12.3 18.5



#26  
Anthracene  
Concen: 5.096 ng  
RT: 17.127 min Scan# 1412  
Delta R.T. -0.000 min  
Lab File: BN018179.D  
Acq: 23 Dec 2021 13:09

Tgt Ion:178 Resp: 1235379  
Ion Ratio Lower Upper  
178 100  
176 18.2 14.8 22.2  
179 15.5 12.2 18.4

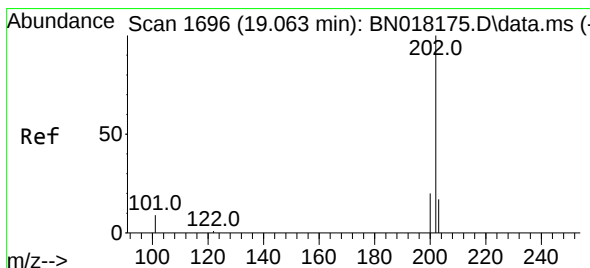
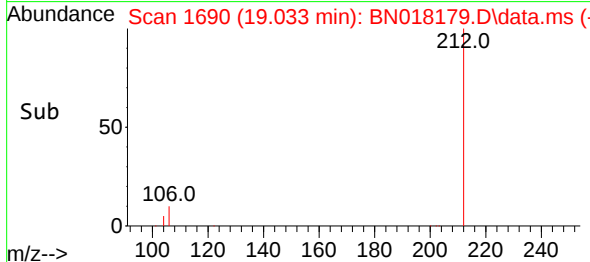
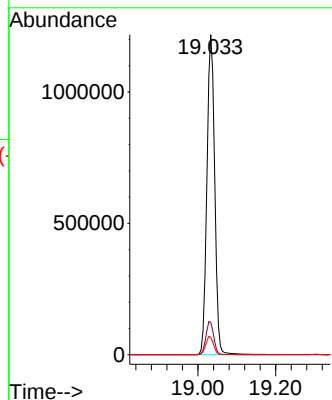
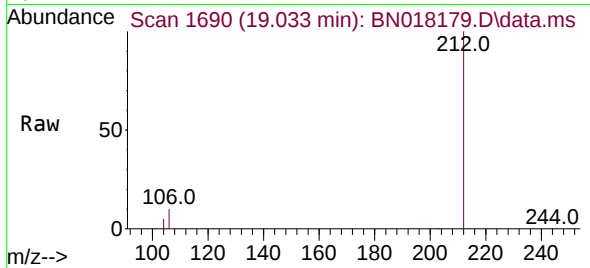




#27  
Fluoranthene-d10  
Concen: 4.817 ng  
RT: 19.033 min Scan# 1690  
Delta R.T. -0.000 min  
Lab File: BN018179.D  
Acq: 23 Dec 2021 13:09

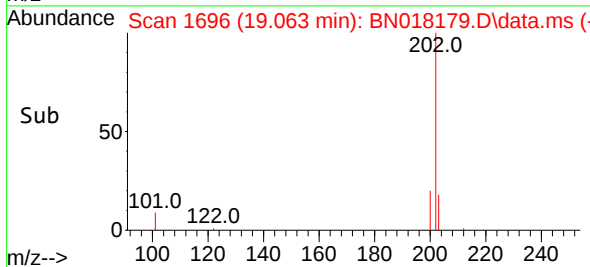
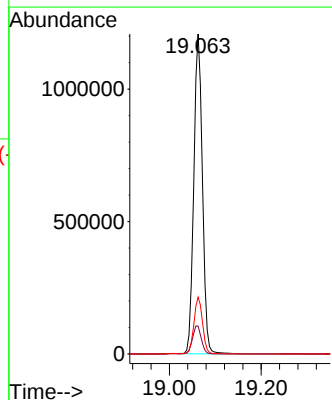
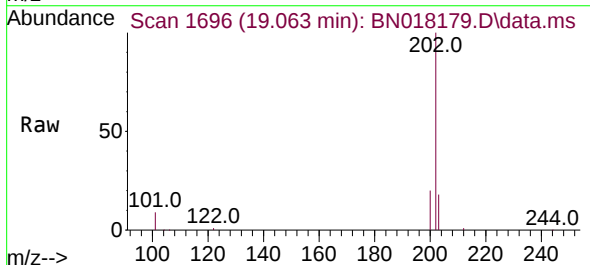
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICC5.0

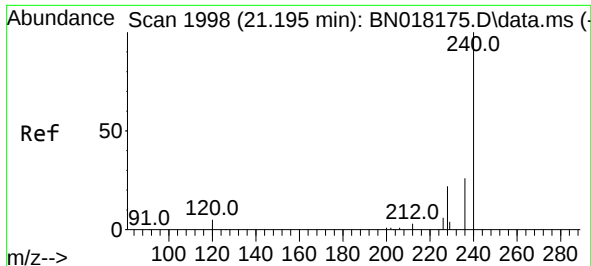
Tgt Ion:212 Resp: 1697366  
Ion Ratio Lower Upper  
212 100  
106 10.4 8.4 12.6  
104 5.7 4.5 6.7



#28  
Fluoranthene  
Concen: 4.693 ng  
RT: 19.063 min Scan# 1696  
Delta R.T. -0.000 min  
Lab File: BN018179.D  
Acq: 23 Dec 2021 13:09

Tgt Ion:202 Resp: 1571434  
Ion Ratio Lower Upper  
202 100  
101 9.2 7.2 10.8  
203 17.7 13.7 20.5

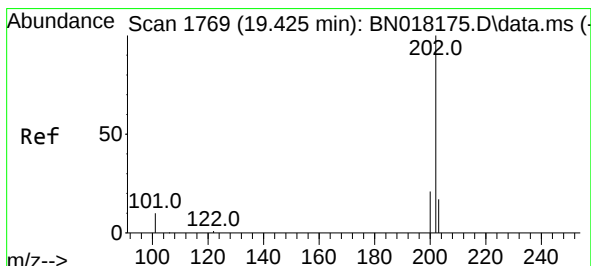
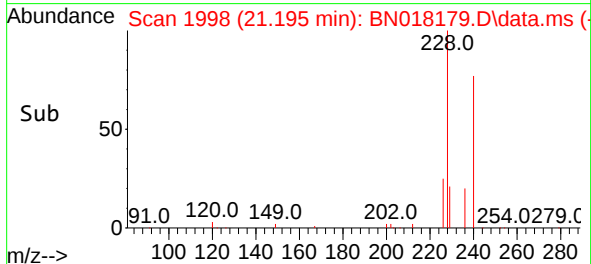
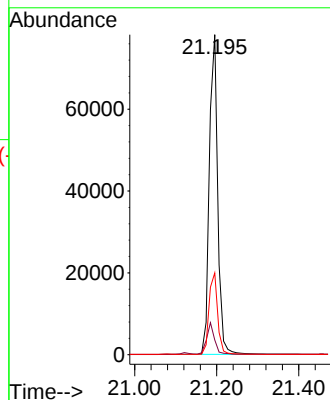
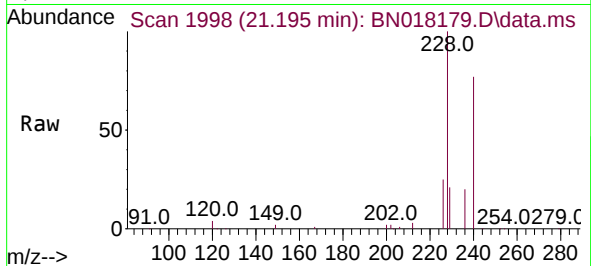




#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.195 min Scan# 1998  
Delta R.T. -0.000 min  
Lab File: BN018179.D  
Acq: 23 Dec 2021 13:09

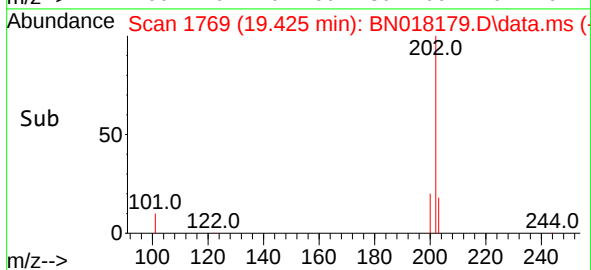
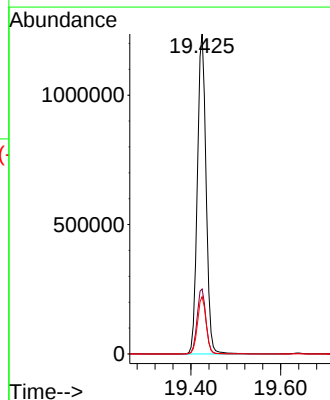
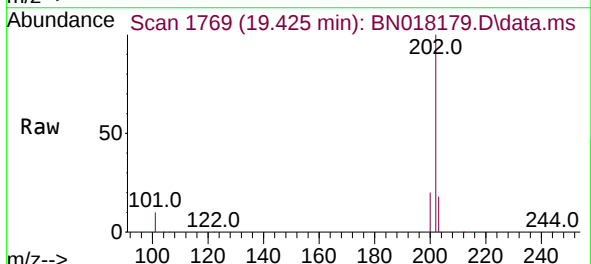
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICC5.0

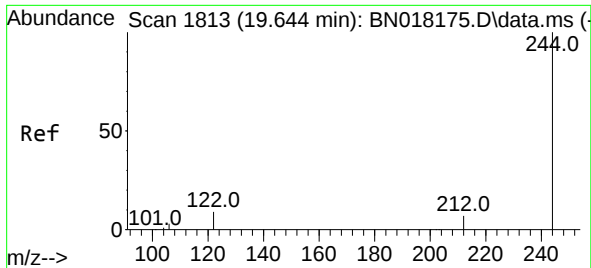
Tgt Ion:240 Resp: 111411  
Ion Ratio Lower Upper  
240 100  
120 4.6 6.0 9.0#  
236 25.6 21.4 32.2



#30  
Pyrene  
Concen: 4.582 ng  
RT: 19.425 min Scan# 1769  
Delta R.T. -0.000 min  
Lab File: BN018179.D  
Acq: 23 Dec 2021 13:09

Tgt Ion:202 Resp: 1675858  
Ion Ratio Lower Upper  
202 100  
200 20.6 16.6 25.0  
203 17.8 14.1 21.1

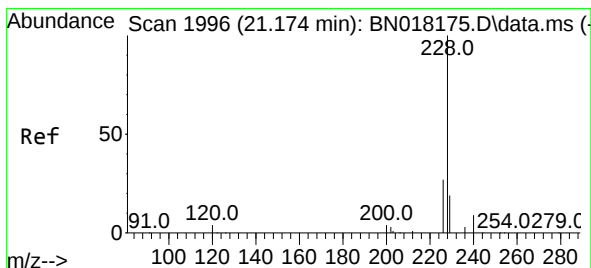
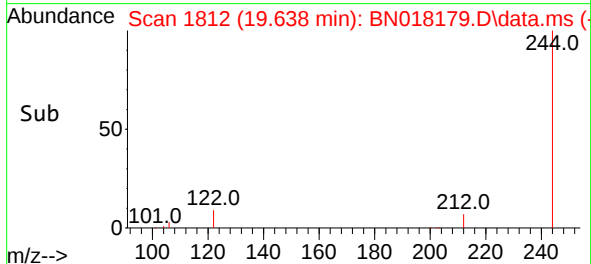
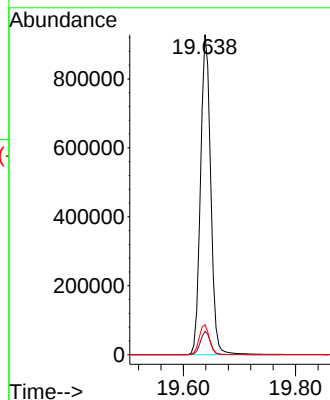
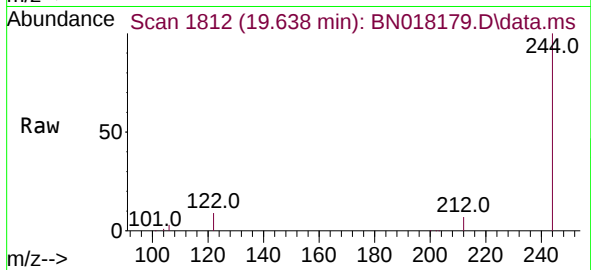




#31  
 Terphenyl-d14  
 Concen: 5.040 ng  
 RT: 19.638 min Scan# 1812  
 Delta R.T. -0.005 min  
 Lab File: BN018179.D  
 Acq: 23 Dec 2021 13:09

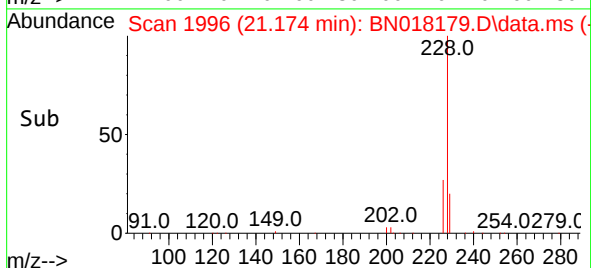
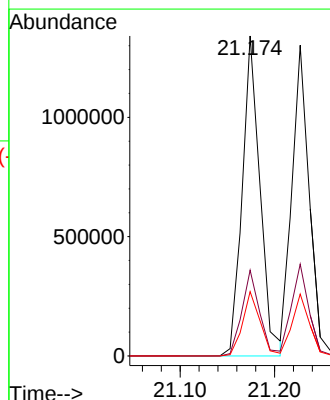
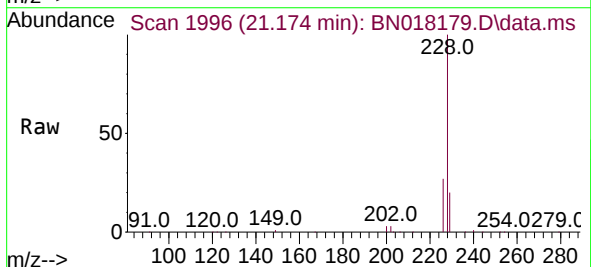
Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDICC5.0

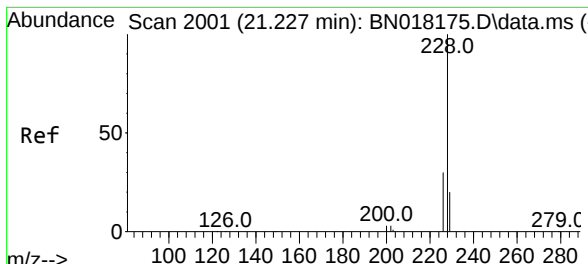
Tgt Ion:244 Resp: 1170329  
 Ion Ratio Lower Upper  
 244 100  
 212 7.3 6.2 9.2  
 122 9.4 7.9 11.9



#32  
 Benzo(a)anthracene  
 Concen: 5.235 ng  
 RT: 21.174 min Scan# 1996  
 Delta R.T. -0.000 min  
 Lab File: BN018179.D  
 Acq: 23 Dec 2021 13:09

Tgt Ion:228 Resp: 1754589  
 Ion Ratio Lower Upper  
 228 100  
 226 26.8 21.3 31.9  
 229 20.1 15.9 23.9



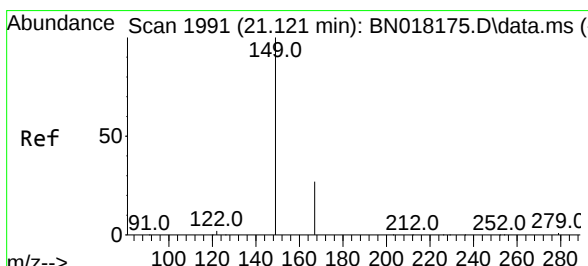
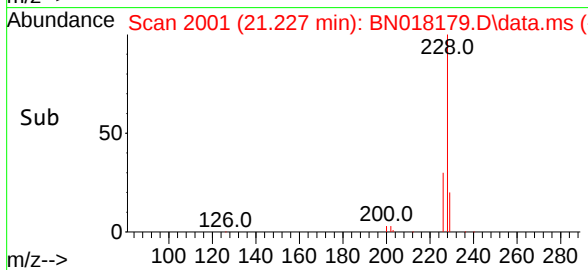
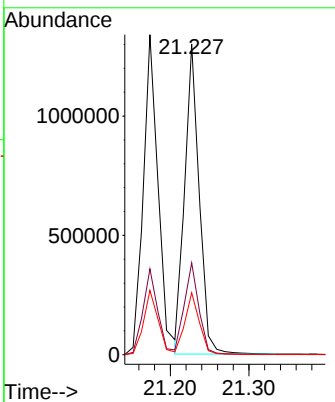
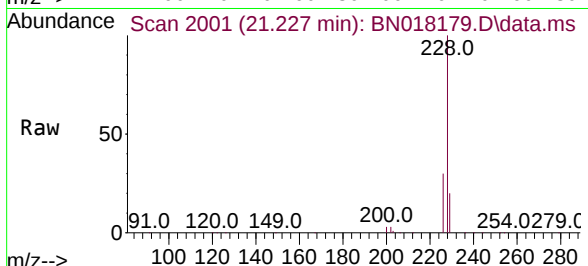


#33  
 Chrysene  
 Concen: 4.648 ng  
 RT: 21.227 min Scan# 2001  
 Delta R.T. -0.000 min  
 Lab File: BN018179.D  
 Acq: 23 Dec 2021 13:09

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDICC5.0

Tgt Ion:228 Resp: 1660872

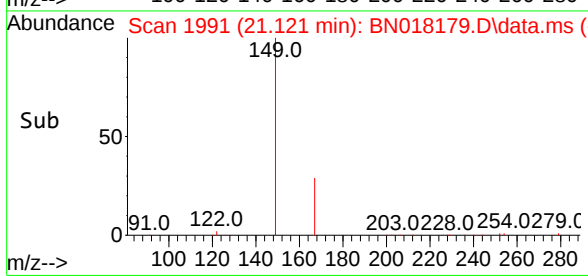
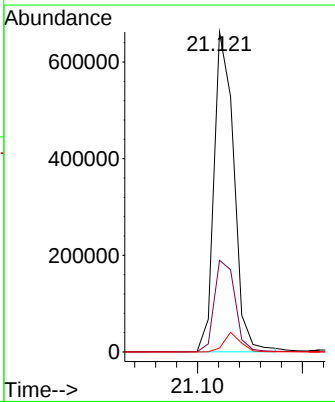
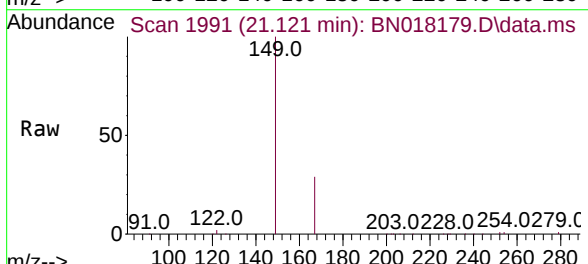
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 29.6  | 24.2  | 36.4  |
| 229 | 20.0  | 15.5  | 23.3  |

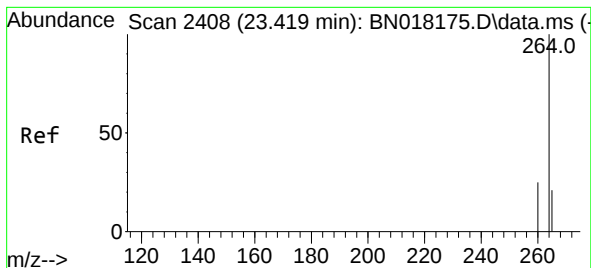


#34  
 Bis(2-ethylhexyl)phthalate  
 Concen: 5.291 ng  
 RT: 21.121 min Scan# 1991  
 Delta R.T. -0.000 min  
 Lab File: BN018179.D  
 Acq: 23 Dec 2021 13:09

Tgt Ion:149 Resp: 870654

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 167 | 30.0  | 23.7  | 35.5  |
| 279 | 5.1   | 3.6   | 5.4   |





#35

Perylene-d12

Concen: 0.400 ng

RT: 23.419 min Scan# 2408

Delta R.T. -0.000 min

Lab File: BN018179.D

Acq: 23 Dec 2021 13:09

Instrument :

BNA\_N

ClientSampleId :

SSTDICC5.0

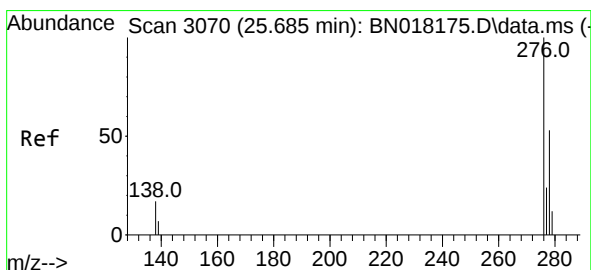
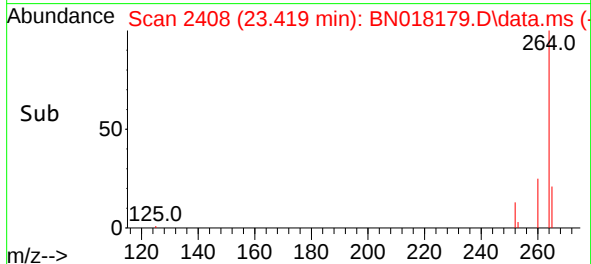
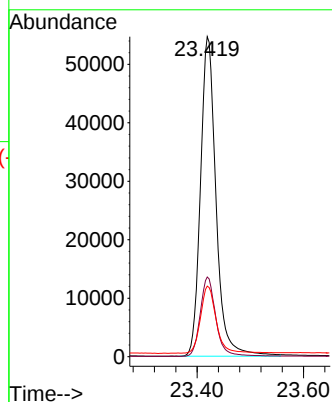
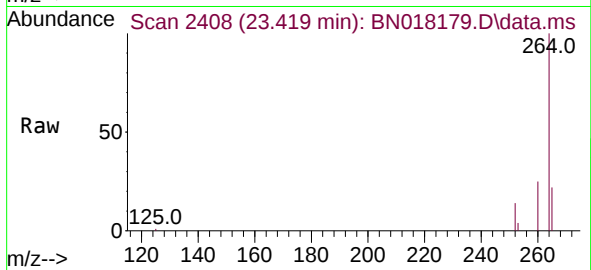
Tgt Ion:264 Resp: 110888

Ion Ratio Lower Upper

264 100

260 24.9 20.2 30.4

265 22.0 18.2 27.2



#36

Indeno(1,2,3-cd)pyrene

Concen: 4.580 ng

RT: 25.685 min Scan# 3070

Delta R.T. -0.000 min

Lab File: BN018179.D

Acq: 23 Dec 2021 13:09

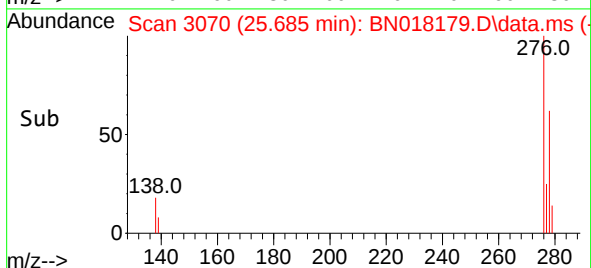
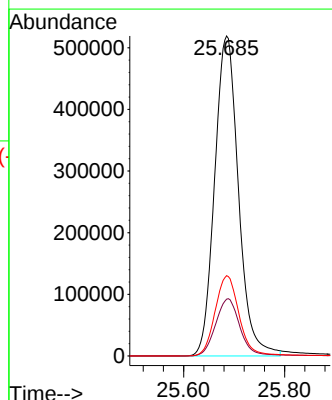
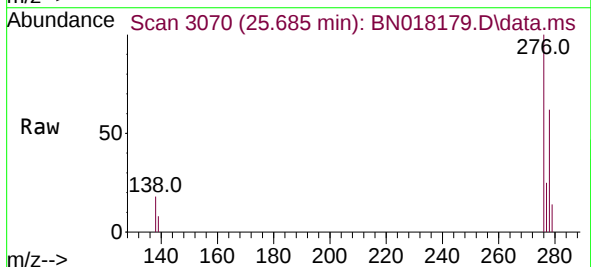
Tgt Ion:276 Resp: 1700185

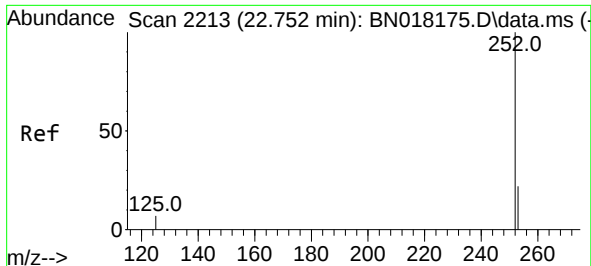
Ion Ratio Lower Upper

276 100

138 18.1 14.9 22.3

277 25.1 19.9 29.9





#37

Benzo(b)fluoranthene

Concen: 5.197 ng

RT: 22.752 min Scan# 2213

Delta R.T. -0.000 min

Lab File: BN018179.D

Acq: 23 Dec 2021 13:09

Instrument :

BN018179.D

ClientSampleId :

SSTDICC5.0

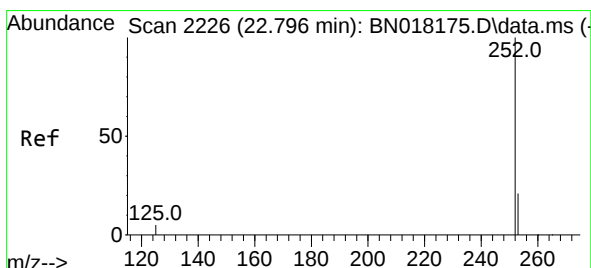
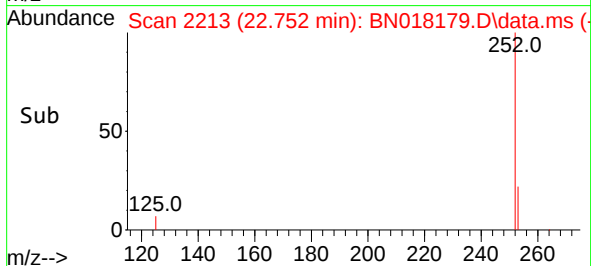
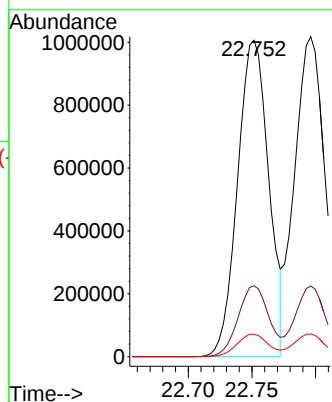
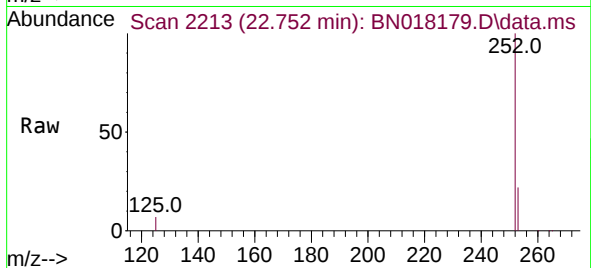
Tgt Ion:252 Resp: 1712006

Ion Ratio Lower Upper

252 100

253 22.4 17.8 26.6

125 7.1 6.0 9.0



#38

Benzo(k)fluoranthene

Concen: 5.233 ng

RT: 22.796 min Scan# 2226

Delta R.T. -0.000 min

Lab File: BN018179.D

Acq: 23 Dec 2021 13:09

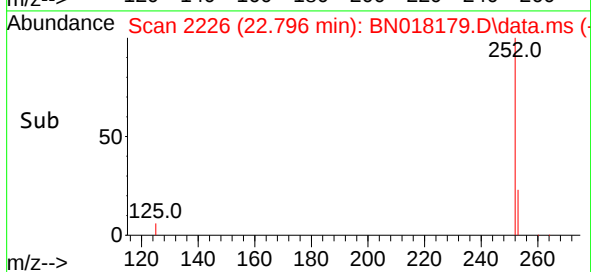
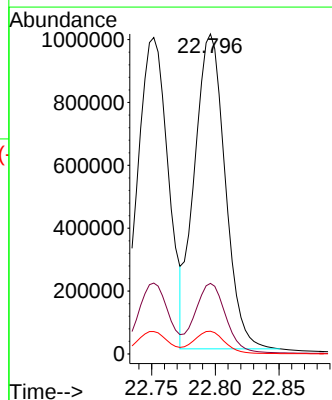
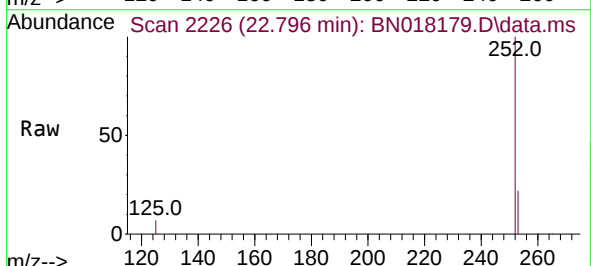
Tgt Ion:252 Resp: 1682085

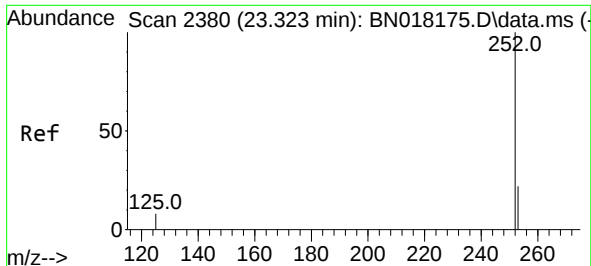
Ion Ratio Lower Upper

252 100

253 22.1 17.7 26.5

125 7.1 6.2 9.2

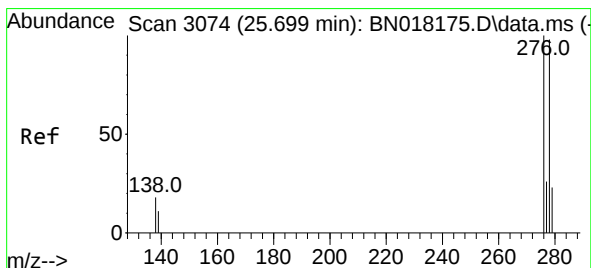
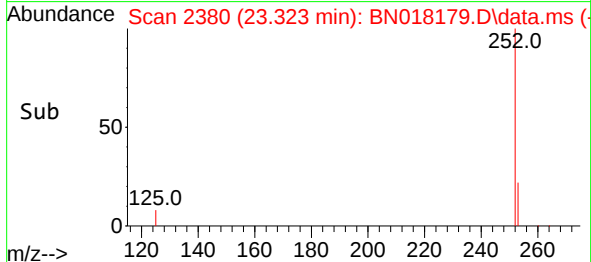
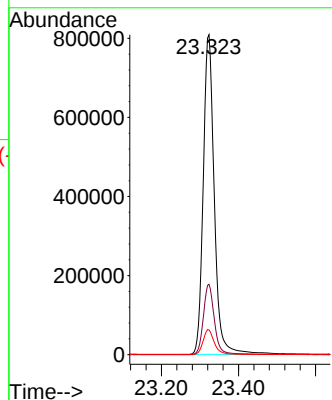
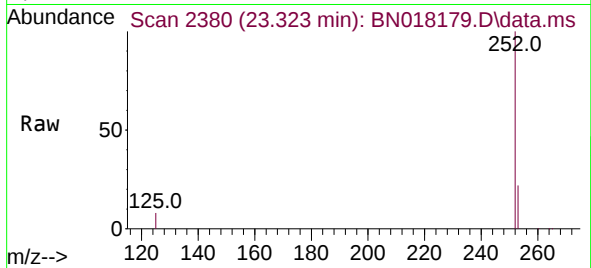




#39  
Benzo(a)pyrene  
Concen: 4.799 ng  
RT: 23.323 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: BN018179.D  
Acq: 23 Dec 2021 13:09

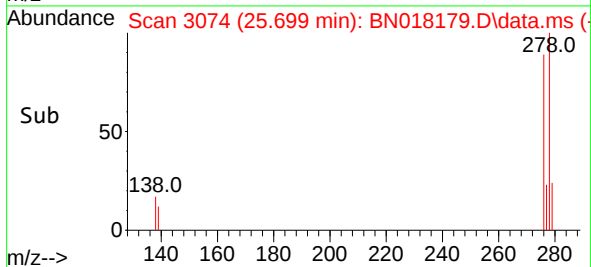
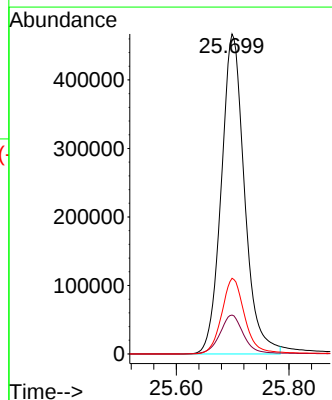
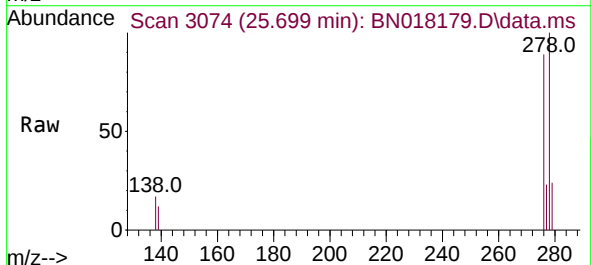
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICC5.0

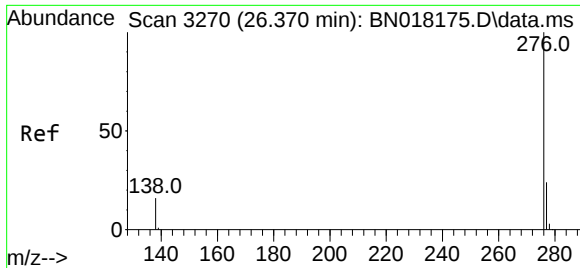
Tgt Ion:252 Resp: 1610054  
Ion Ratio Lower Upper  
252 100  
253 22.0 17.8 26.6  
125 7.7 7.0 10.4



#40  
Dibenzo(a,h)anthracene  
Concen: 4.602 ng  
RT: 25.699 min Scan# 3074  
Delta R.T. -0.000 min  
Lab File: BN018179.D  
Acq: 23 Dec 2021 13:09

Tgt Ion:278 Resp: 1332088  
Ion Ratio Lower Upper  
278 100  
139 12.2 10.8 16.2  
279 23.6 19.0 28.4





#41  
Benzo(g,h,i)perylene  
Concen: 4.418 ng  
RT: 26.373 min Scan# 31  
Delta R.T. 0.003 min  
Lab File: BN018179.D  
Acq: 23 Dec 2021 13:09

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICC5.0

Tgt Ion:276 Resp: 1534411  
Ion Ratio Lower Upper  
276 100  
277 24.0 19.0 28.6  
138 15.7 12.6 19.0

