

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN121121\  
 Data File : BN017876.D  
 Acq On : 10 Dec 2021 18:15  
 Operator : CG/JU  
 Sample : SSTDICC0.1  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDICC0.1

Quant Time: Dec 10 22:59:53 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN121121.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Dec 10 22:58:36 2021  
 Response via : Initial Calibration

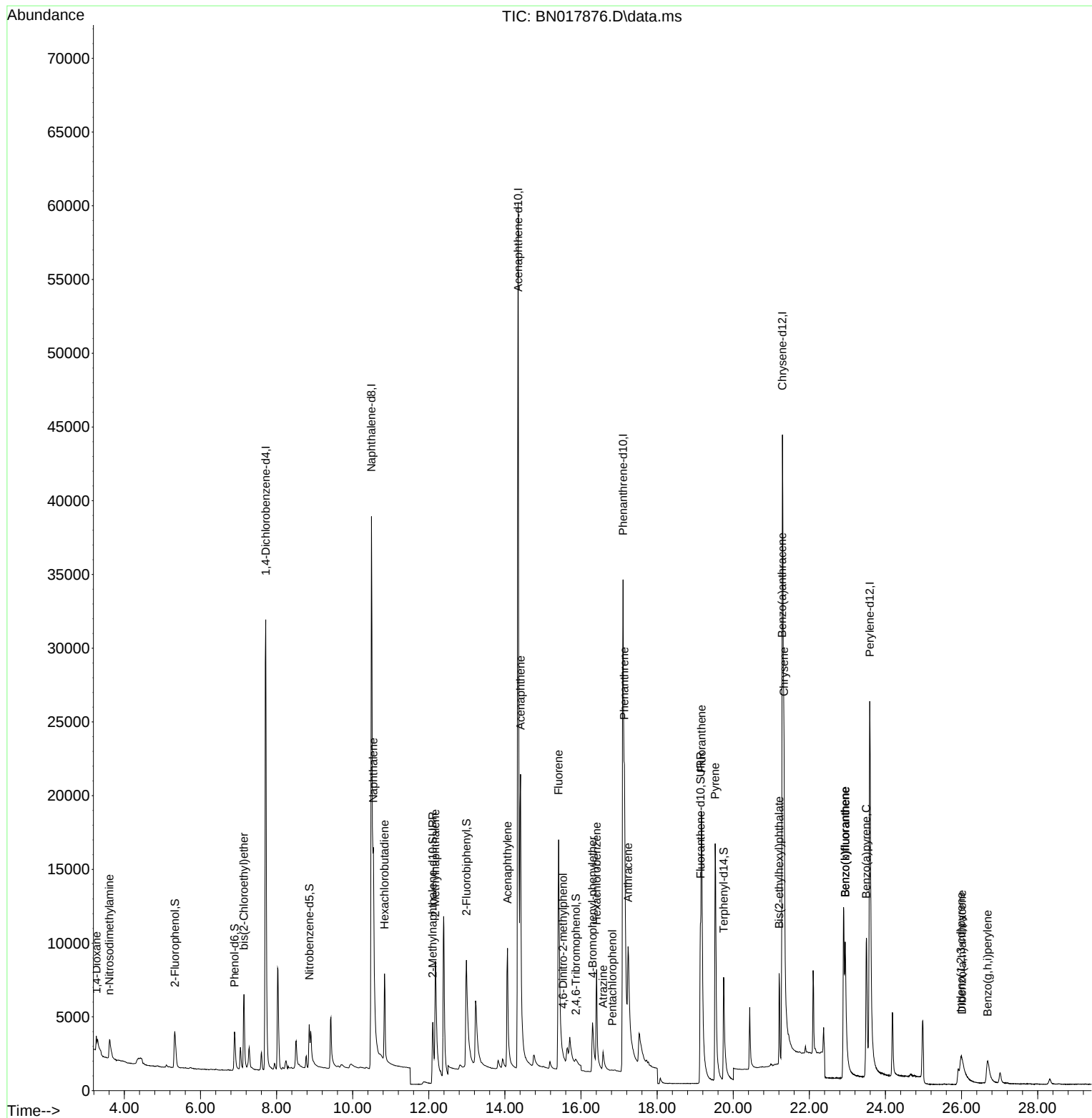
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.715  | 152  | 21020    | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.494 | 136  | 78554    | 0.400 | ng    | # 0.00   |
| 13) Acenaphthene-d10          | 14.347 | 164  | 49603    | 0.400 | ng    | 0.01     |
| 19) Phenanthrene-d10          | 17.104 | 188  | 95431    | 0.400 | ng    | 0.01     |
| 29) Chrysene-d12              | 21.293 | 240  | 67252    | 0.400 | ng    | # 0.00   |
| 35) Perylene-d12              | 23.589 | 264  | 52865    | 0.400 | ng    | 0.00     |
|                               |        |      |          |       |       |          |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.326  | 112  | 3908     | 0.077 | ng    | 0.00     |
| 5) Phenol-d6                  | 6.894  | 99   | 3260     | 0.068 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 8.859  | 82   | 3675     | 0.070 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 12.103 | 152  | 12498    | 0.080 | ng    | 0.01     |
| 14) 2,4,6-Tribromophenol      | 15.870 | 330  | 636      | 0.025 | ng    | 0.03     |
| 15) 2-Fluorobiphenyl          | 12.989 | 172  | 13364    | 0.074 | ng    | 0.03     |
| 27) Fluoranthene-d10          | 19.139 | 212  | 27824    | 0.087 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.750 | 244  | 16714    | 0.116 | ng    | 0.00     |
|                               |        |      |          |       |       |          |
| Target Compounds              |        |      |          |       |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.270  | 88   | 639      | 0.083 | ng    | 98       |
| 3) n-Nitrosodimethylamine     | 3.611  | 42   | 1633     | 0.075 | ng    | 95       |
| 6) bis(2-Chloroethyl)ether    | 7.143  | 93   | 4859     | 0.089 | ng    | 98       |
| 9) Naphthalene                | 10.544 | 128  | 19702    | 0.096 | ng    | 98       |
| 10) Hexachlorobutadiene       | 10.836 | 225  | 5757     | 0.096 | ng    | # 100    |
| 12) 2-Methylnaphthalene       | 12.174 | 142  | 12040    | 0.081 | ng    | 98       |
| 16) Acenaphthylene            | 14.068 | 152  | 15001    | 0.077 | ng    | 100      |
| 17) Acenaphthene              | 14.410 | 154  | 12114    | 0.093 | ng    | 95       |
| 18) Fluorene                  | 15.413 | 166  | 13709    | 0.083 | ng    | 100      |
| 20) 4,6-Dinitro-2-methylph... | 15.527 | 198  | 9        | 0.006 | ng    | 94       |
| 21) 4-Bromophenyl-phenylether | 16.301 | 248  | 3629     | 0.063 | ng    | # 92     |
| 22) Hexachlorobenzene         | 16.411 | 284  | 7179     | 0.105 | ng    | 99       |
| 23) Atrazine                  | 16.581 | 200  | 2679     | 0.064 | ng    | # 92     |
| 24) Pentachlorophenol         | 16.824 | 266  | 71       | 0.004 | ng    | # 60     |
| 25) Phenanthrene              | 17.141 | 178  | 21694    | 0.087 | ng    | 99       |
| 26) Anthracene                | 17.238 | 178  | 15321    | 0.069 | ng    | 99       |
| 28) Fluoranthene              | 19.169 | 202  | 27979    | 0.092 | ng    | 100      |
| 30) Pyrene                    | 19.526 | 202  | 28555    | 0.134 | ng    | 100      |
| 32) Benzo(a)anthracene        | 21.282 | 228  | 12761    | 0.062 | ng    | 98       |
| 33) Chrysene                  | 21.335 | 228  | 23294    | 0.108 | ng    | 98       |
| 34) Bis(2-ethylhexyl)phtha... | 21.208 | 149  | 7087     | 0.076 | ng    | 98       |
| 36) Indeno(1,2,3-cd)pyrene    | 25.981 | 276  | 5518     | 0.038 | ng    | # 66     |
| 37) Benzo(b)fluoranthene      | 22.942 | 252  | 19956    | 0.111 | ng    | 96       |
| 38) Benzo(k)fluoranthene      | 22.942 | 252  | 11075    | 0.065 | ng    | # 95     |
| 39) Benzo(a)pyrene            | 23.496 | 252  | 15169    | 0.094 | ng    | # 7      |
| 40) Dibenzo(a,h)anthracene    | 26.012 | 278  | 1317     | 0.012 | ng    | # 69     |
| 41) Benzo(g,h,i)perylene      | 26.686 | 276  | 6958     | 0.057 | ng    | # 92     |
| -----                         |        |      |          |       |       |          |

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

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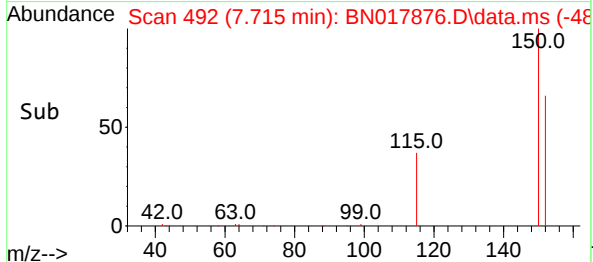
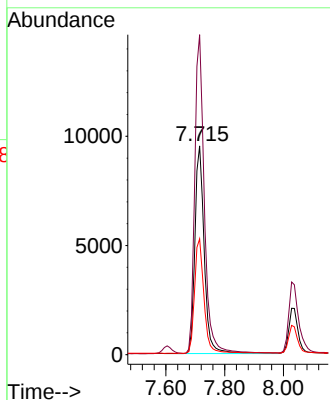
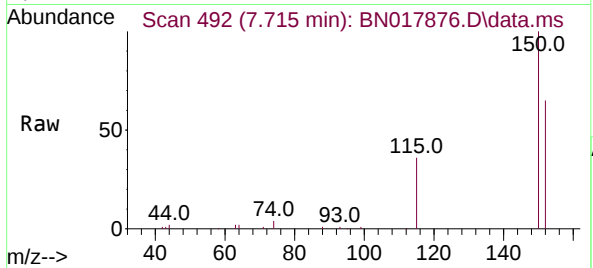




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 7.715 min Scan# 492  
 Delta R.T. -0.000 min  
 Lab File: BN017876.D  
 Acq: 10 Dec 2021 18:15

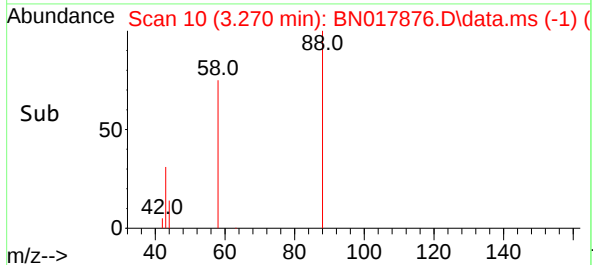
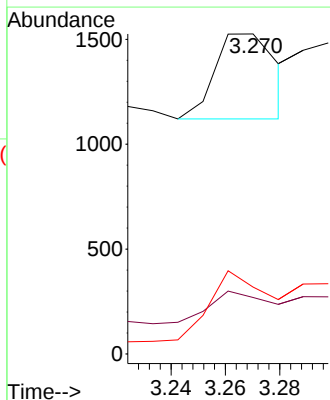
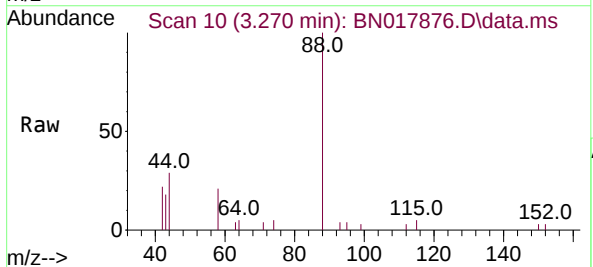
Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDICC0.1

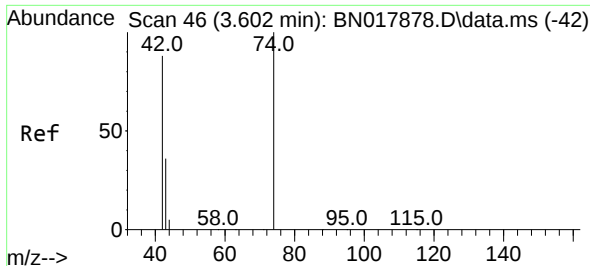
Tgt Ion:152 Resp: 21020  
 Ion Ratio Lower Upper  
 152 100  
 150 153.3 121.9 182.9  
 115 55.5 44.1 66.1



#2  
 1,4-Dioxane  
 Concen: 0.083 ng  
 RT: 3.270 min Scan# 10  
 Delta R.T. -0.000 min  
 Lab File: BN017876.D  
 Acq: 10 Dec 2021 18:15

Tgt Ion: 88 Resp: 639  
 Ion Ratio Lower Upper  
 88 100  
 43 38.0 28.0 42.0  
 58 81.2 65.4 98.0



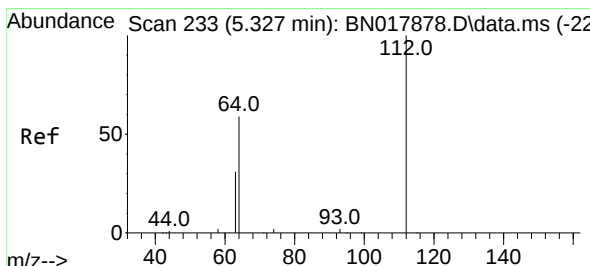
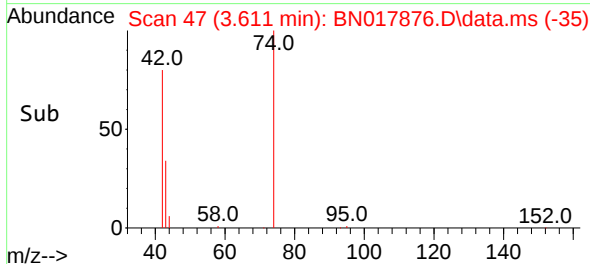
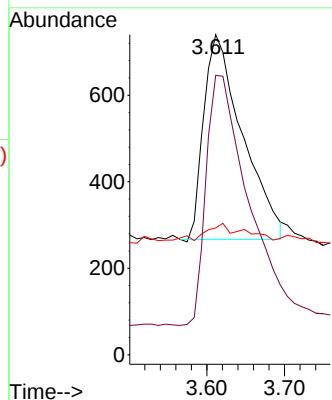
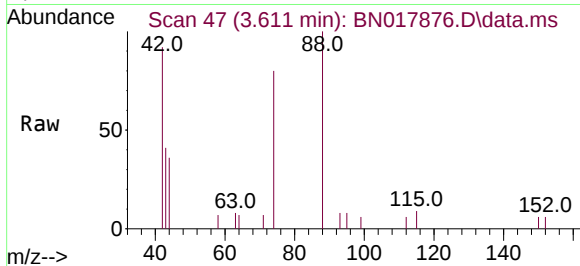


#3  
 n-Nitrosodimethylamine  
 Concen: 0.075 ng  
 RT: 3.611 min Scan# 41  
 Delta R.T. 0.009 min  
 Lab File: BN017876.D  
 Acq: 10 Dec 2021 18:15

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDICC0.1

Tgt Ion: 42 Resp: 1633

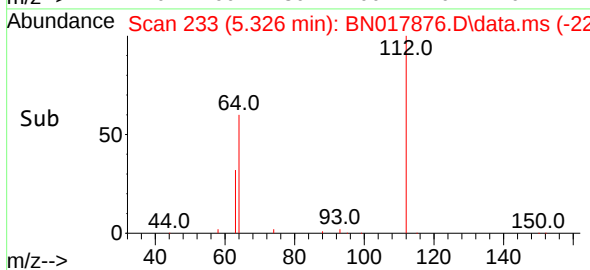
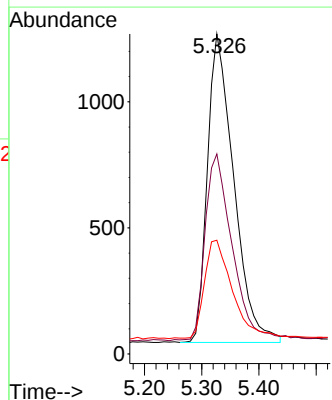
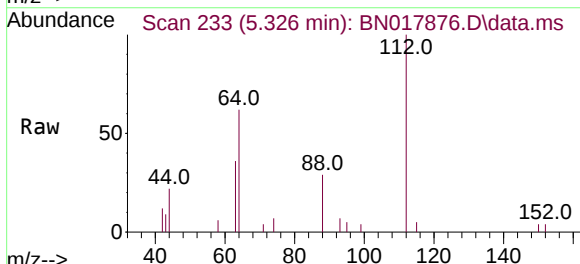
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 42  | 100   |       |       |
| 74  | 131.5 | 100.6 | 150.8 |
| 44  | 5.3   | 5.2   | 7.8   |

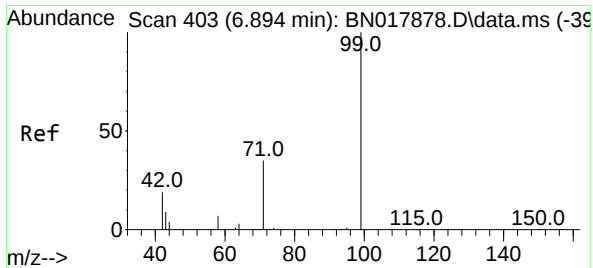


#4  
 2-Fluorophenol  
 Concen: 0.077 ng  
 RT: 5.326 min Scan# 233  
 Delta R.T. -0.000 min  
 Lab File: BN017876.D  
 Acq: 10 Dec 2021 18:15

Tgt Ion: 112 Resp: 3908

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 112 | 100   |       |       |
| 64  | 61.9  | 49.0  | 73.4  |
| 63  | 34.0  | 26.2  | 39.2  |

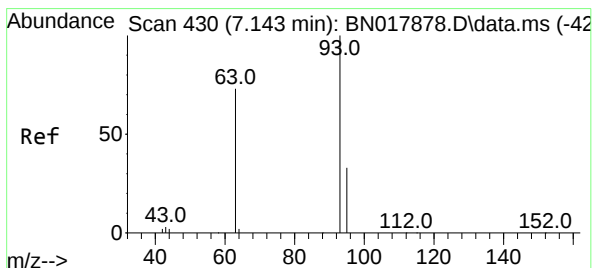
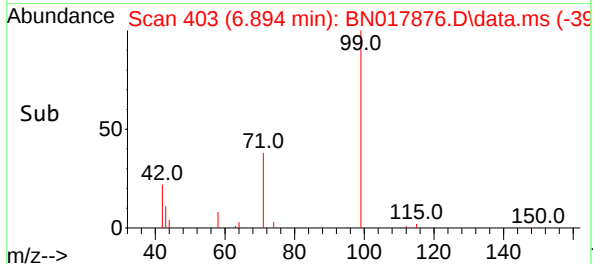
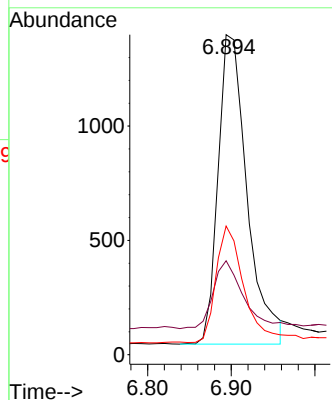
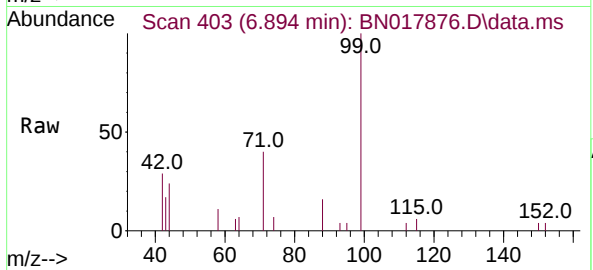




#5  
Phenol-d6  
Concen: 0.068 ng  
RT: 6.894 min Scan# 403  
Delta R.T. -0.000 min  
Lab File: BN017876.D  
Acq: 10 Dec 2021 18:15

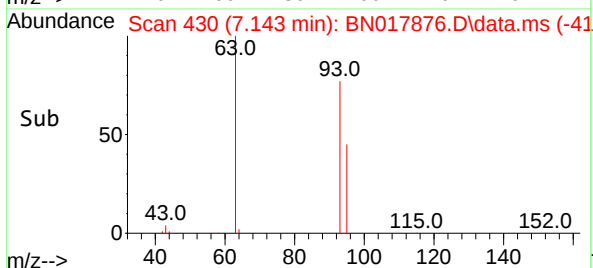
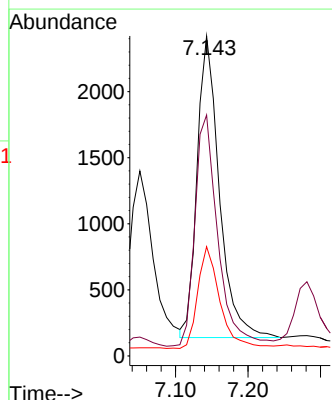
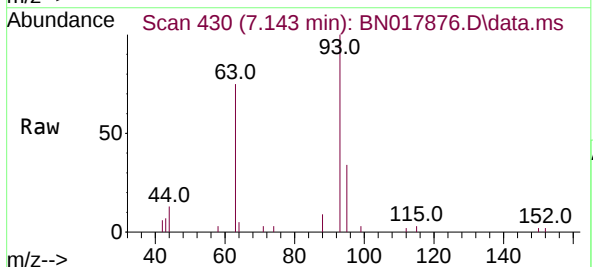
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICC0.1

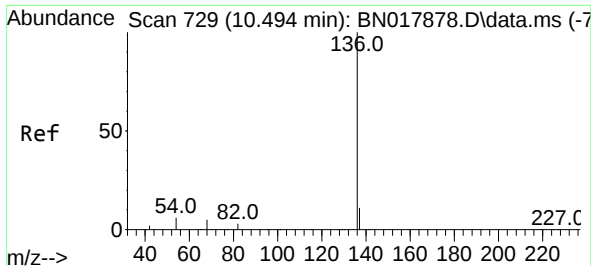
Tgt Ion: 99 Resp: 3260  
Ion Ratio Lower Upper  
99 100  
42 22.2 17.0 25.4  
71 36.0 28.0 42.0



#6  
bis(2-Chloroethyl)ether  
Concen: 0.089 ng  
RT: 7.143 min Scan# 430  
Delta R.T. -0.000 min  
Lab File: BN017876.D  
Acq: 10 Dec 2021 18:15

Tgt Ion: 93 Resp: 4859  
Ion Ratio Lower Upper  
93 100  
63 79.6 62.0 93.0  
95 33.8 26.2 39.4

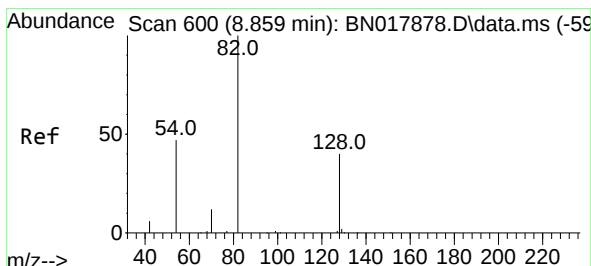
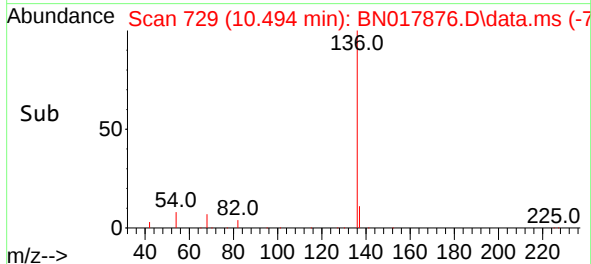
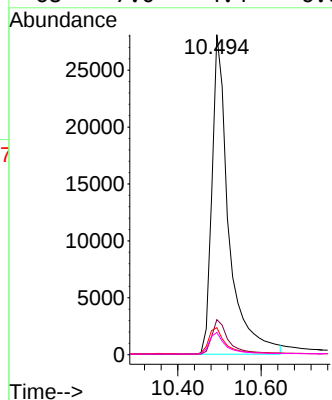
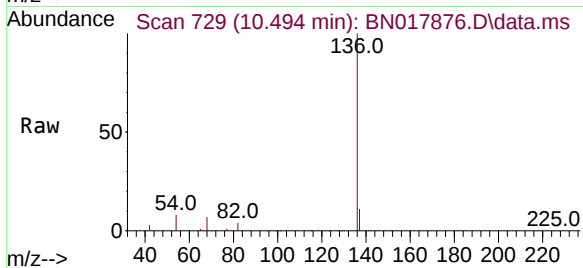




#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.494 min Scan# 729  
Delta R.T. -0.000 min  
Lab File: BN017876.D  
Acq: 10 Dec 2021 18:15

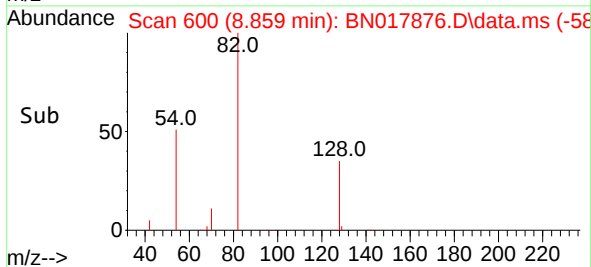
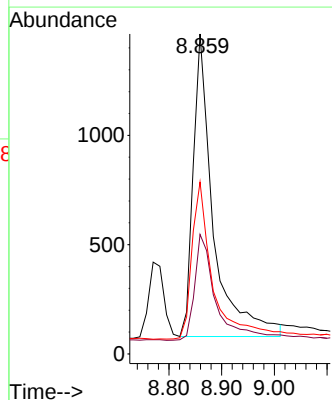
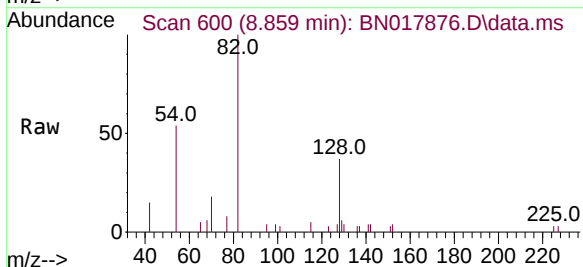
Instrument :  
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ClientSampleId :  
SSTDICC0.1

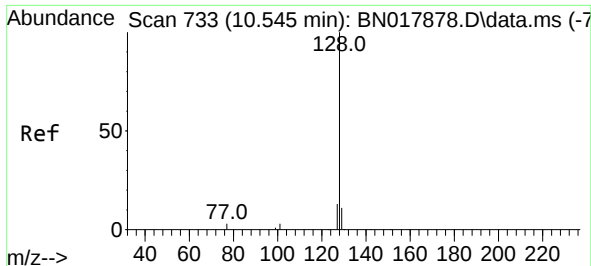
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 136   | Resp: | 78554 |
| Ion Ratio | Lower | Upper |       |
| 136       | 100   |       |       |
| 137       | 11.0  | 8.8   | 13.2  |
| 54        | 8.4   | 5.1   | 7.7#  |
| 68        | 7.0   | 4.4   | 6.6#  |



#8  
Nitrobenzene-d5  
Concen: 0.070 ng  
RT: 8.859 min Scan# 600  
Delta R.T. -0.000 min  
Lab File: BN017876.D  
Acq: 10 Dec 2021 18:15

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 82    | Resp: | 3675 |
| Ion Ratio | Lower | Upper |      |
| 82        | 100   |       |      |
| 128       | 37.4  | 32.2  | 48.4 |
| 54        | 53.8  | 37.6  | 56.4 |

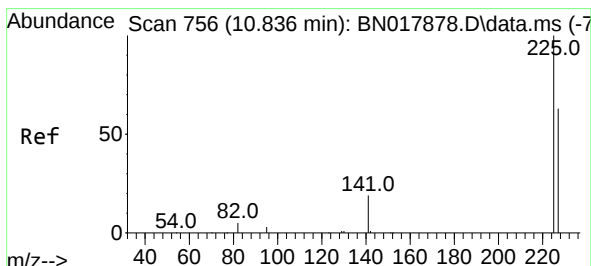
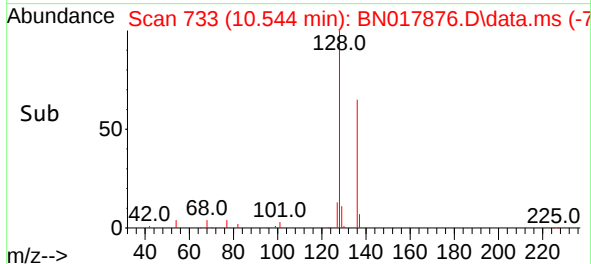
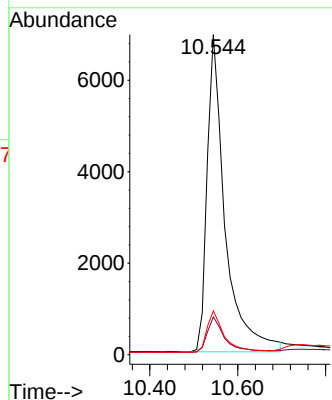
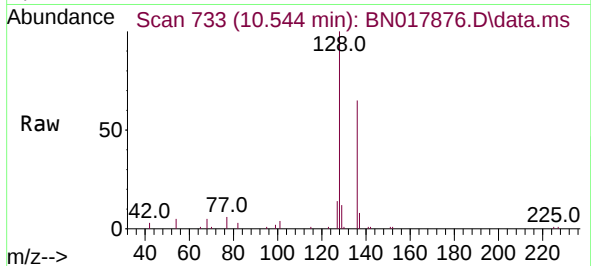




#9  
Naphthalene  
Concen: 0.096 ng  
RT: 10.544 min Scan# 733  
Delta R.T. -0.000 min  
Lab File: BN017876.D  
Acq: 10 Dec 2021 18:15

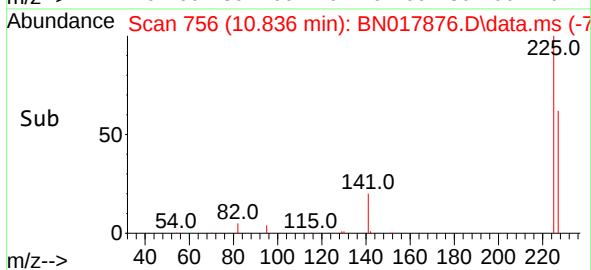
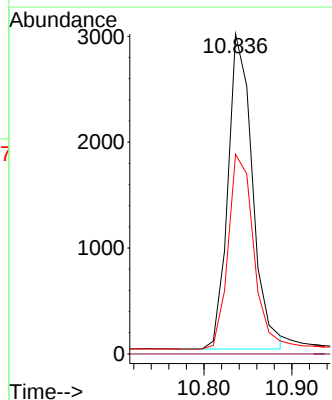
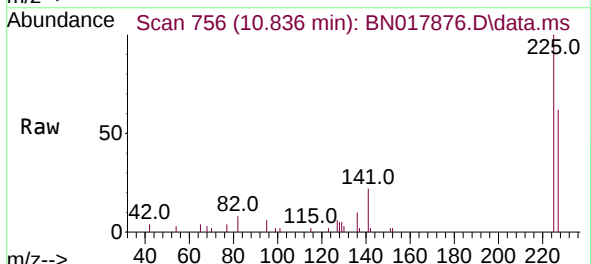
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BNA\_N  
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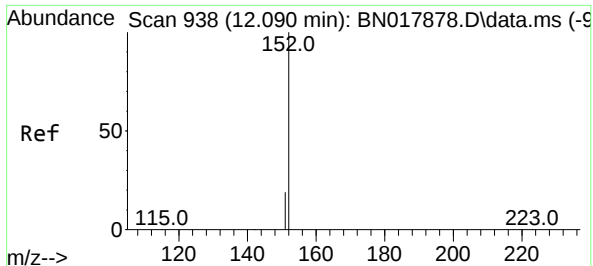
Tgt Ion:128 Resp: 19702  
Ion Ratio Lower Upper  
128 100  
129 11.8 8.8 13.2  
127 13.7 10.5 15.7



#10  
Hexachlorobutadiene  
Concen: 0.096 ng  
RT: 10.836 min Scan# 756  
Delta R.T. -0.000 min  
Lab File: BN017876.D  
Acq: 10 Dec 2021 18:15

Tgt Ion:225 Resp: 5757  
Ion Ratio Lower Upper  
225 100  
223 0.0 0.0 0.0  
227 64.1 51.1 76.7





#11

2-Methylnaphthalene-d10

Concen: 0.080 ng

RT: 12.103 min Scan# 941

Delta R.T. 0.013 min

Lab File: BN017876.D

Acq: 10 Dec 2021 18:15

Instrument :

BNA\_N

ClientSampleId :

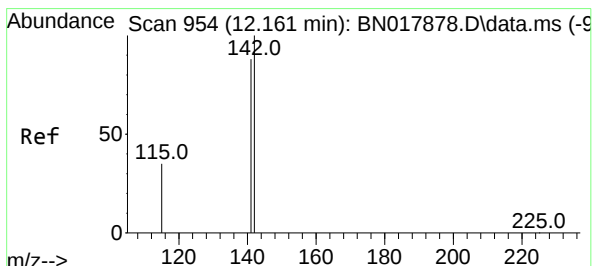
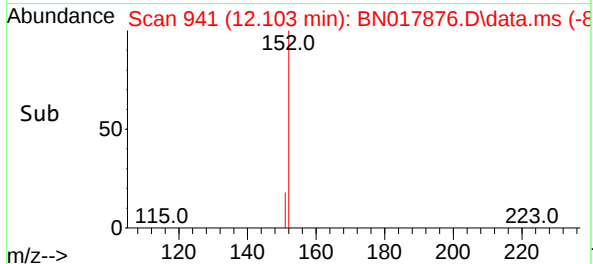
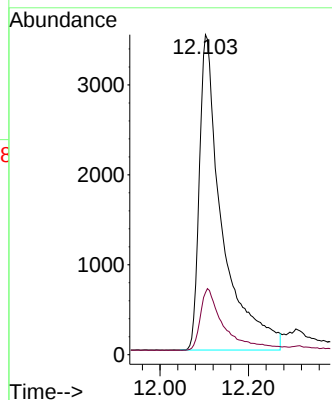
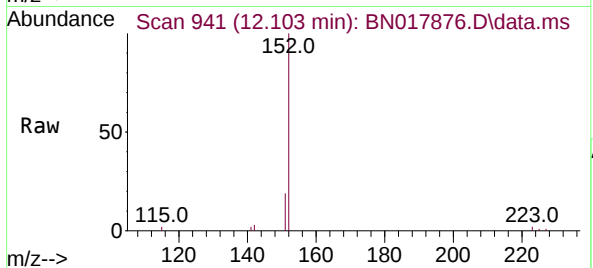
SSTDICC0.1

Tgt Ion:152 Resp: 12498

Ion Ratio Lower Upper

152 100

151 20.5 16.4 24.6



#12

2-Methylnaphthalene

Concen: 0.081 ng

RT: 12.174 min Scan# 957

Delta R.T. 0.013 min

Lab File: BN017876.D

Acq: 10 Dec 2021 18:15

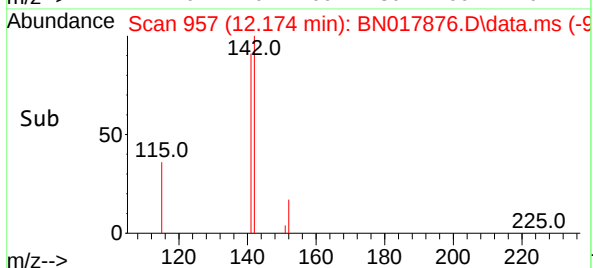
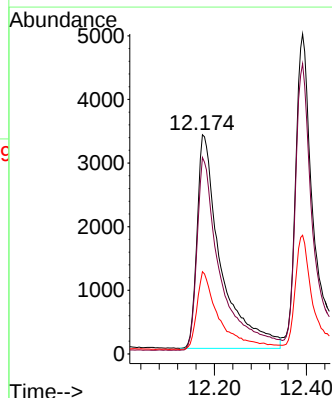
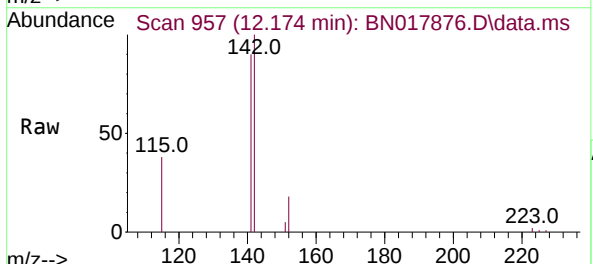
Tgt Ion:142 Resp: 12040

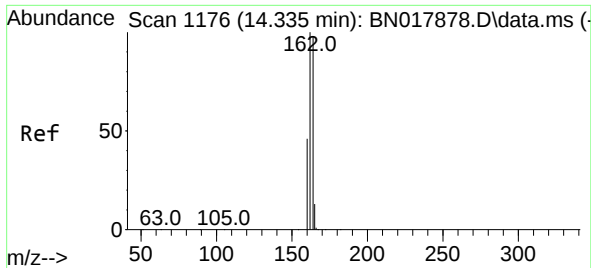
Ion Ratio Lower Upper

142 100

141 89.7 70.6 105.8

115 37.5 27.8 41.6

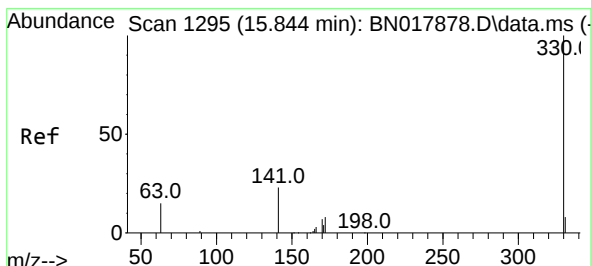
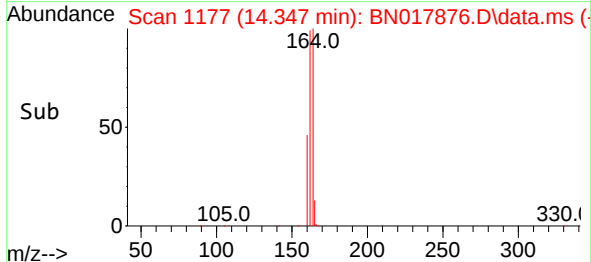
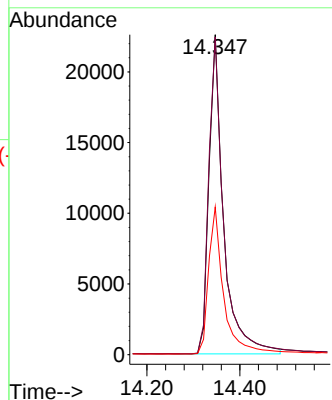
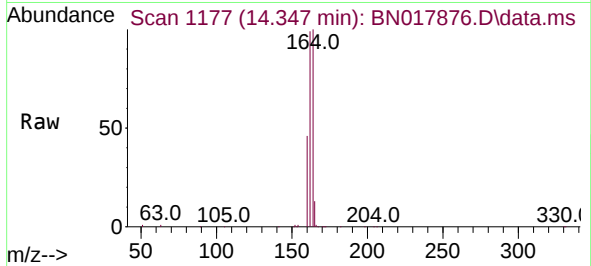




#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.347 min Scan# 1176  
Delta R.T. 0.012 min  
Lab File: BN017876.D  
Acq: 10 Dec 2021 18:15

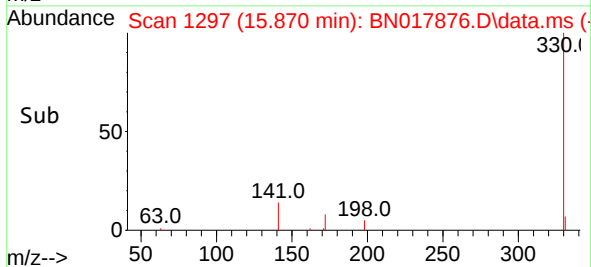
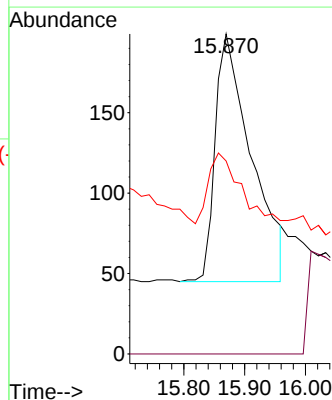
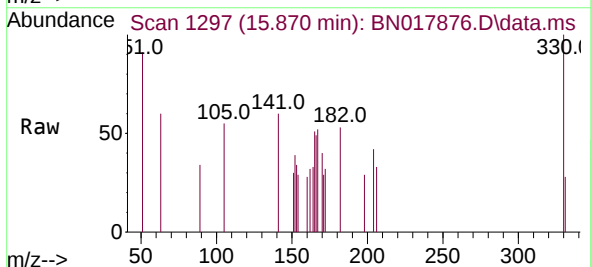
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDIC0.1

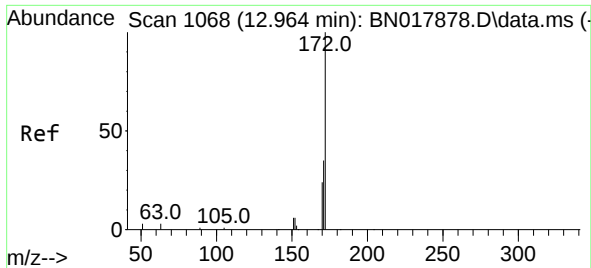
Tgt Ion:164 Resp: 49603  
Ion Ratio Lower Upper  
164 100  
162 99.3 82.1 123.1  
160 46.2 38.2 57.2



#14  
2,4,6-Tribromophenol  
Concen: 0.025 ng  
RT: 15.870 min Scan# 1297  
Delta R.T. 0.025 min  
Lab File: BN017876.D  
Acq: 10 Dec 2021 18:15

Tgt Ion:330 Resp: 636  
Ion Ratio Lower Upper  
330 100  
332 0.0 0.0 0.0  
141 25.3 19.7 29.5

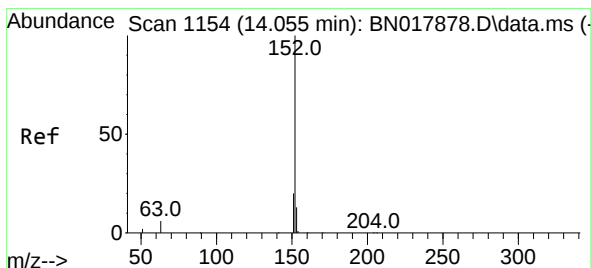
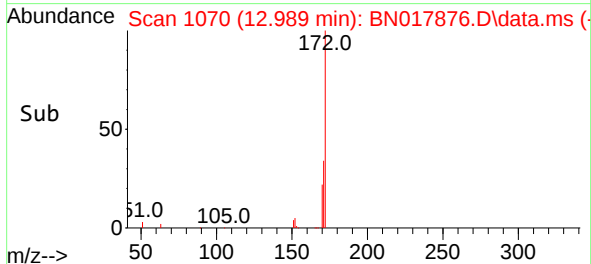
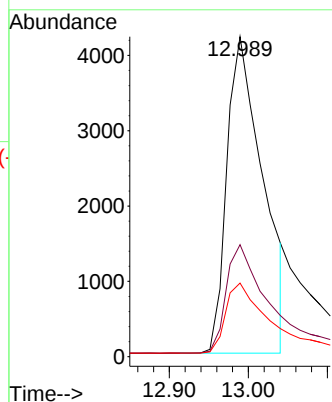
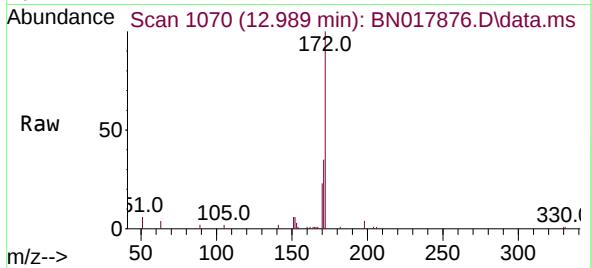




#15  
2-Fluorobiphenyl  
Concen: 0.074 ng  
RT: 12.989 min Scan# 1068  
Delta R.T. 0.025 min  
Lab File: BN017876.D  
Acq: 10 Dec 2021 18:15

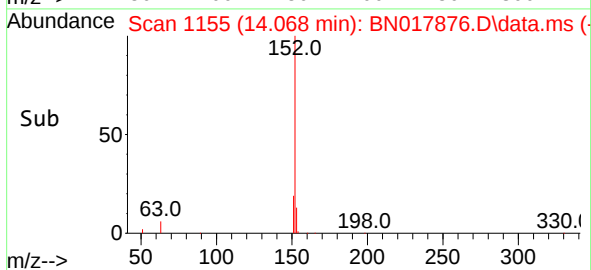
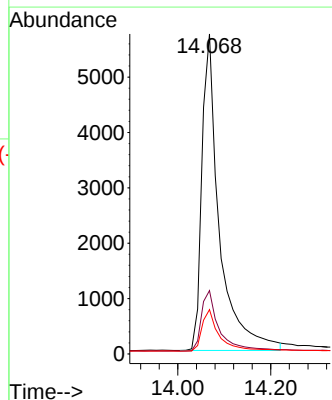
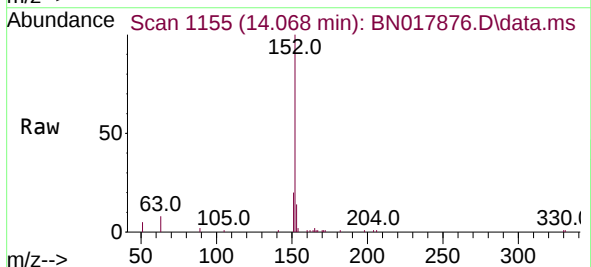
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICC0.1

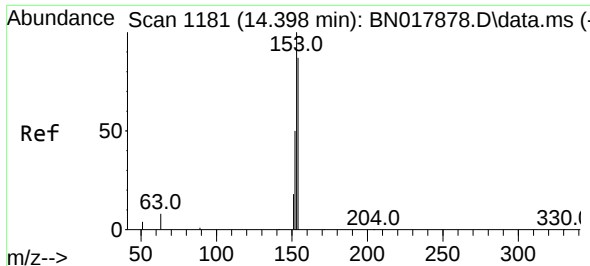
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 172   | Resp: | 13364 |
| Ion Ratio | Lower | Upper |       |
| 172       | 100   |       |       |
| 171       | 35.0  | 28.3  | 42.5  |
| 170       | 23.0  | 19.1  | 28.7  |



#16  
Acenaphthylene  
Concen: 0.077 ng  
RT: 14.068 min Scan# 1155  
Delta R.T. 0.012 min  
Lab File: BN017876.D  
Acq: 10 Dec 2021 18:15

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 152   | Resp: | 15001 |
| Ion Ratio | Lower | Upper |       |
| 152       | 100   |       |       |
| 151       | 19.3  | 15.6  | 23.4  |
| 153       | 13.1  | 10.5  | 15.7  |

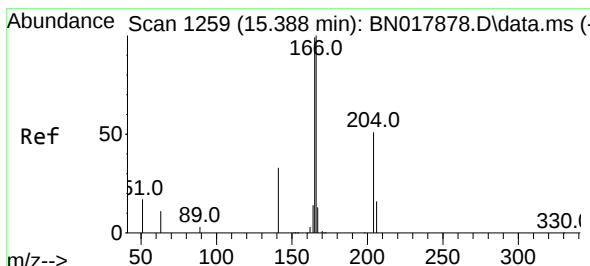
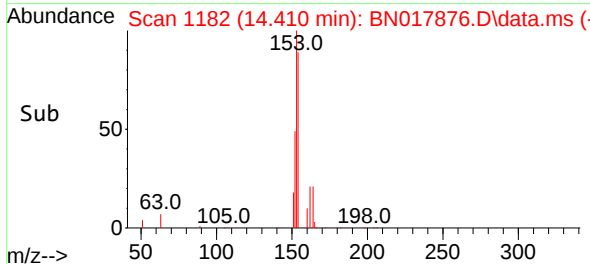
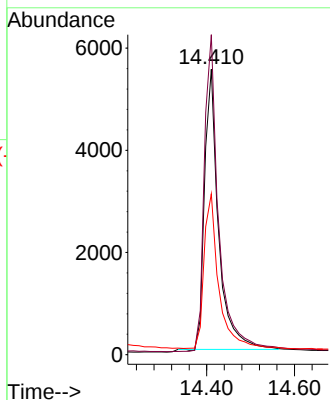
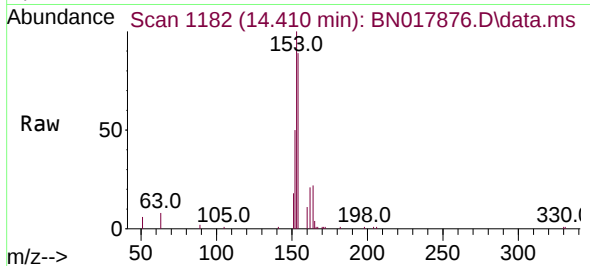




#17  
Acenaphthene  
Concen: 0.093 ng  
RT: 14.410 min Scan# 1181  
Delta R.T. 0.012 min  
Lab File: BN017876.D  
Acq: 10 Dec 2021 18:15

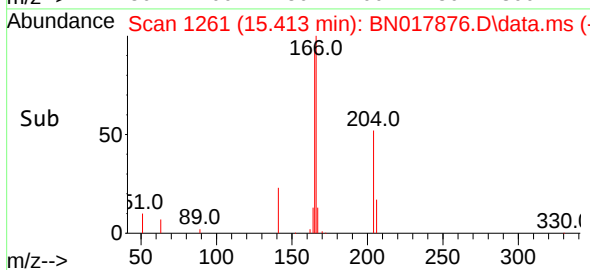
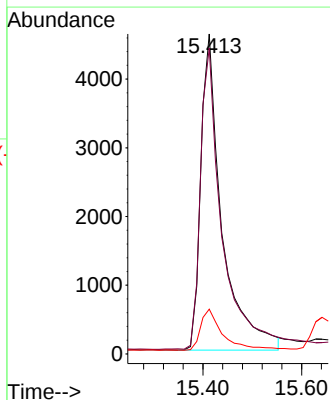
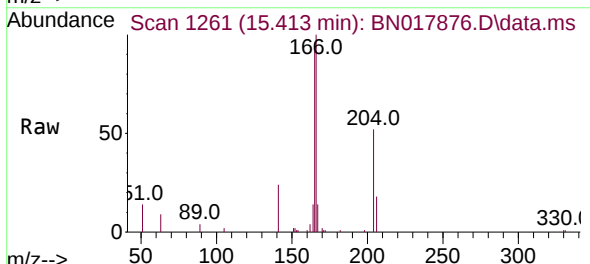
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICC0.1

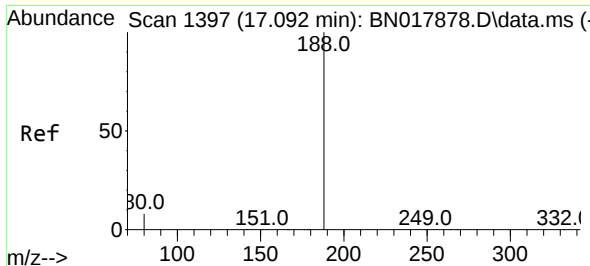
Tgt Ion:154 Resp: 12114  
Ion Ratio Lower Upper  
154 100  
153 117.8 89.8 134.8  
152 57.6 44.2 66.2



#18  
Fluorene  
Concen: 0.083 ng  
RT: 15.413 min Scan# 1261  
Delta R.T. 0.025 min  
Lab File: BN017876.D  
Acq: 10 Dec 2021 18:15

Tgt Ion:166 Resp: 13709  
Ion Ratio Lower Upper  
166 100  
165 96.6 77.5 116.3  
167 13.5 10.8 16.2

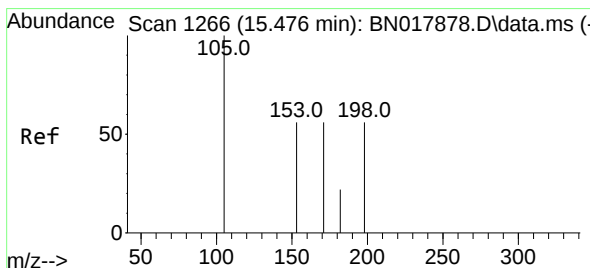
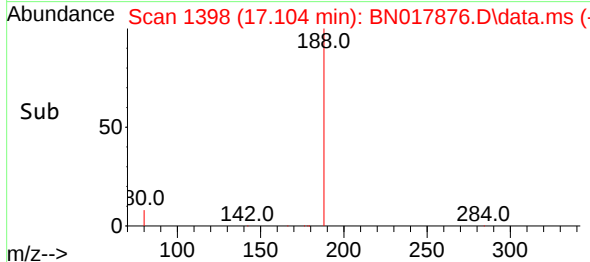
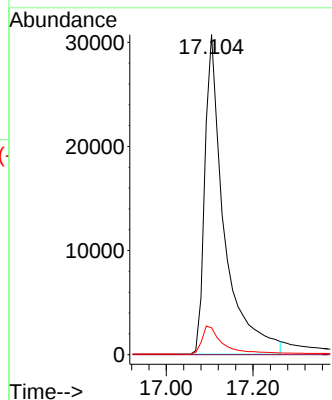
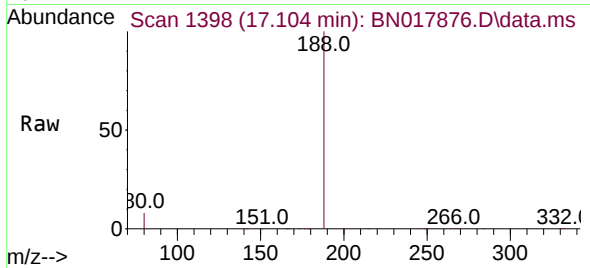




#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.104 min Scan# 11  
Delta R.T. 0.012 min  
Lab File: BN017876.D  
Acq: 10 Dec 2021 18:15

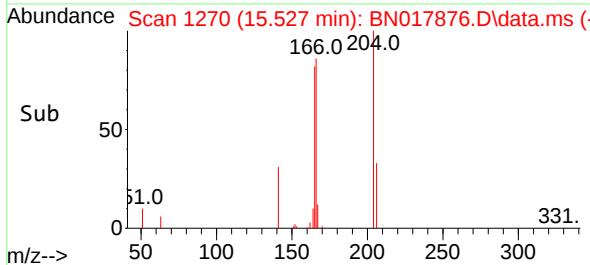
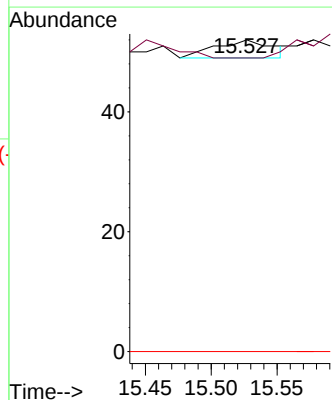
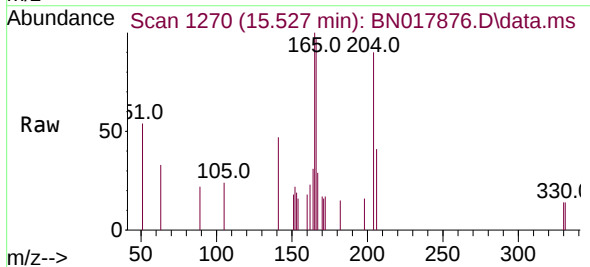
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICC0.1

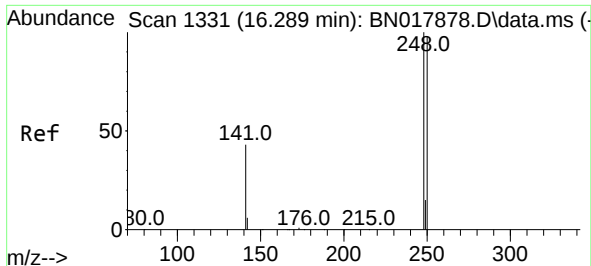
Tgt Ion:188 Resp: 95431  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 8.4 6.2 9.2



#20  
4,6-Dinitro-2-methylphenol  
Concen: 0.006 ng  
RT: 15.527 min Scan# 1270  
Delta R.T. 0.051 min  
Lab File: BN017876.D  
Acq: 10 Dec 2021 18:15

Tgt Ion:198 Resp: 9  
Ion Ratio Lower Upper  
198 100  
182 94.2 70.8 106.2  
77 0.0 0.0 0.0

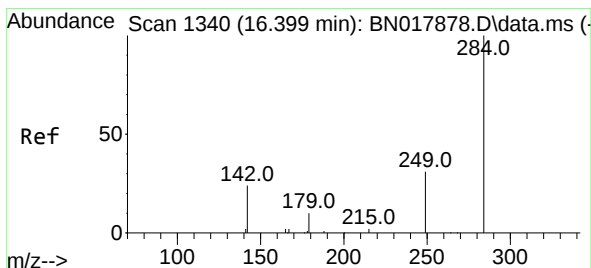
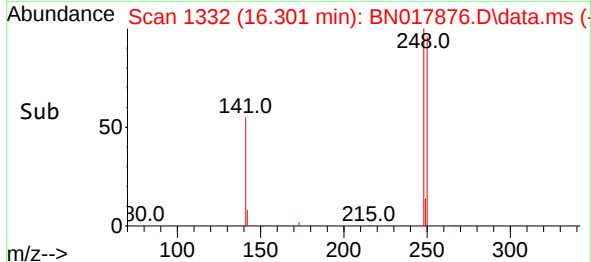
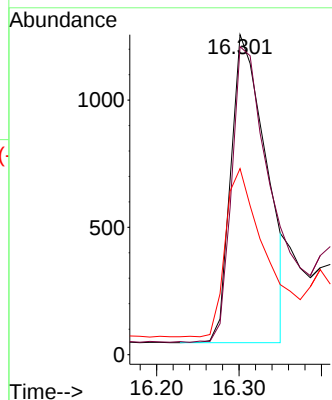
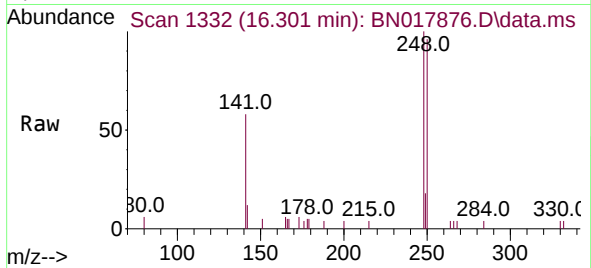




#21  
4-Bromophenyl-phenylether  
Concen: 0.063 ng  
RT: 16.301 min Scan# 1332  
Delta R.T. 0.012 min  
Lab File: BN017876.D  
Acq: 10 Dec 2021 18:15

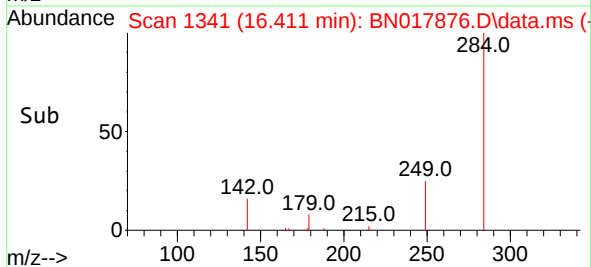
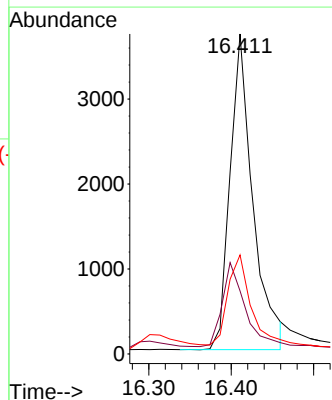
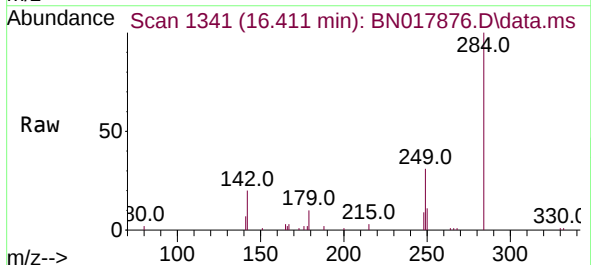
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICC0.1

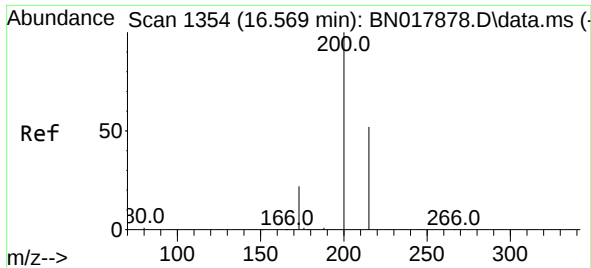
Tgt Ion:248 Resp: 3629  
Ion Ratio Lower Upper  
248 100  
250 96.3 78.6 117.8  
141 58.2 34.6 51.8#



#22  
Hexachlorobenzene  
Concen: 0.105 ng  
RT: 16.411 min Scan# 1341  
Delta R.T. 0.012 min  
Lab File: BN017876.D  
Acq: 10 Dec 2021 18:15

Tgt Ion:284 Resp: 7179  
Ion Ratio Lower Upper  
284 100  
142 26.3 21.2 31.8  
249 28.3 23.2 34.8

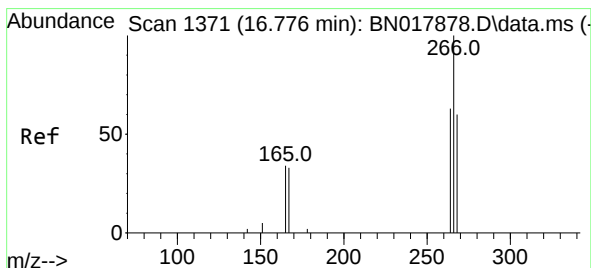
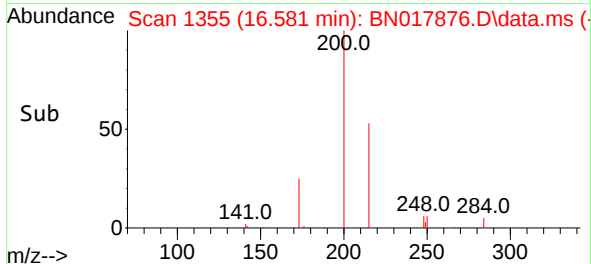
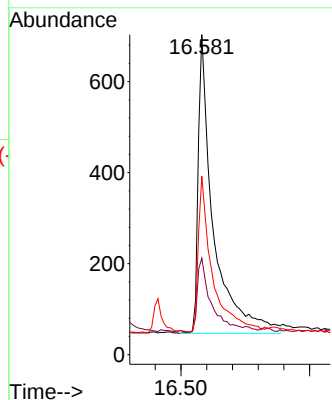
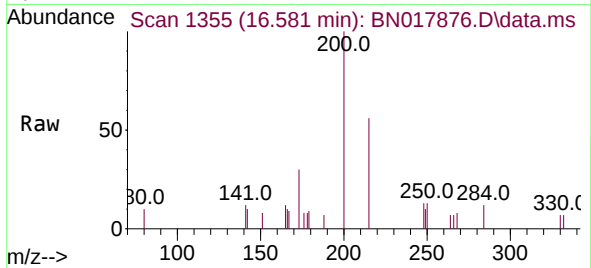




#23  
 Atrazine  
 Concen: 0.064 ng  
 RT: 16.581 min Scan# 1355  
 Delta R.T. 0.012 min  
 Lab File: BN017876.D  
 Acq: 10 Dec 2021 18:15

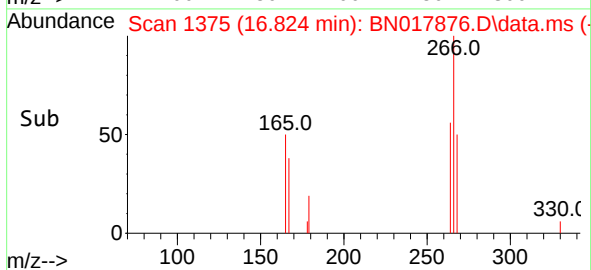
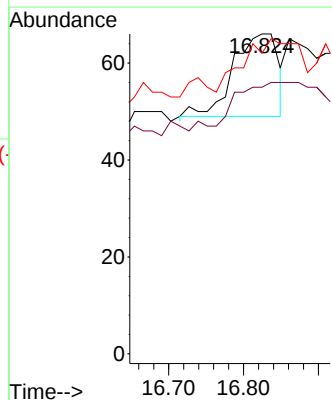
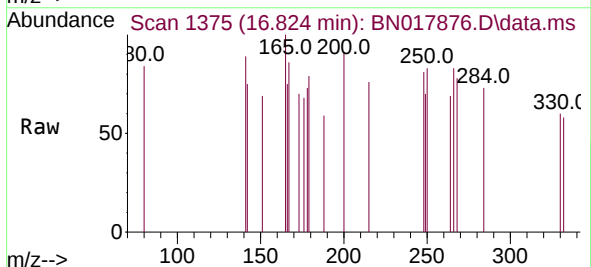
Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDICC0.1

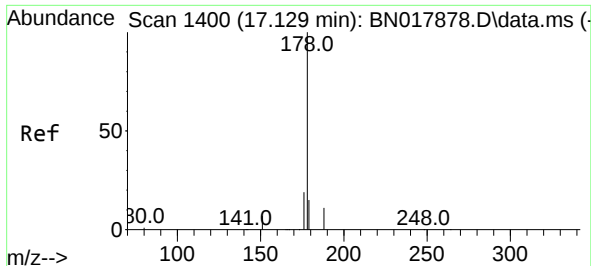
Tgt Ion:200 Resp: 2679  
 Ion Ratio Lower Upper  
 200 100  
 173 30.2 18.2 27.2#  
 215 55.8 41.8 62.8



#24  
 Pentachlorophenol  
 Concen: 0.004 ng  
 RT: 16.824 min Scan# 1375  
 Delta R.T. 0.048 min  
 Lab File: BN017876.D  
 Acq: 10 Dec 2021 18:15

Tgt Ion:266 Resp: 71  
 Ion Ratio Lower Upper  
 266 100  
 264 115.5 50.6 76.0#  
 268 78.9 53.7 80.5

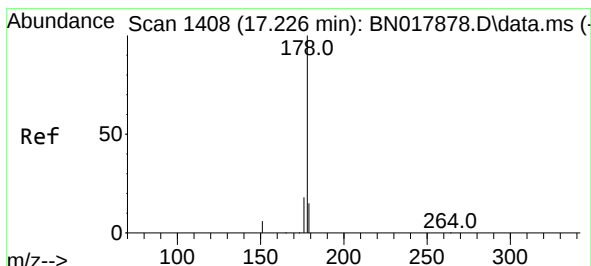
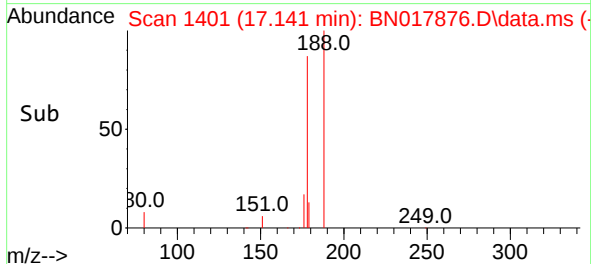
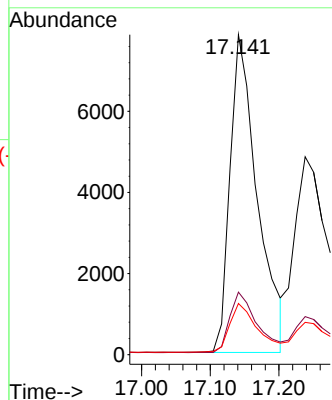
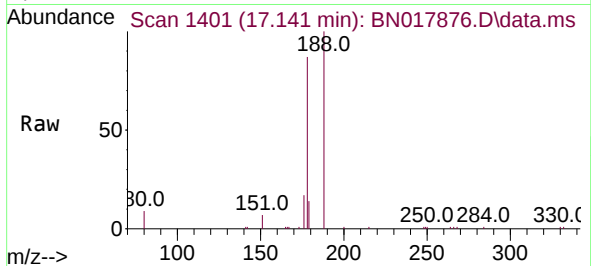




#25  
Phenanthrene  
Concen: 0.087 ng  
RT: 17.141 min Scan# 1401  
Delta R.T. 0.012 min  
Lab File: BN017876.D  
Acq: 10 Dec 2021 18:15

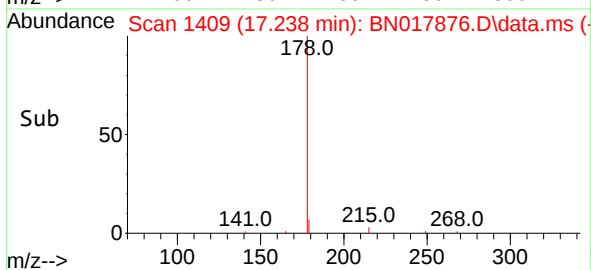
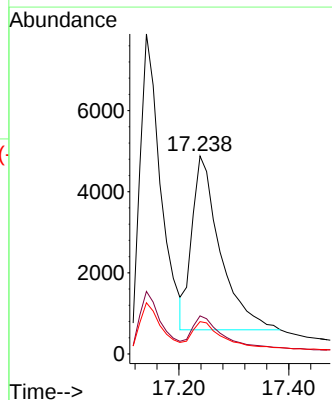
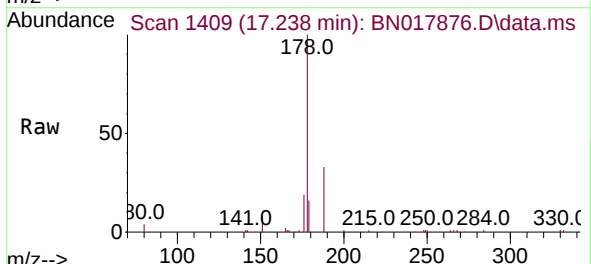
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDIC0.1

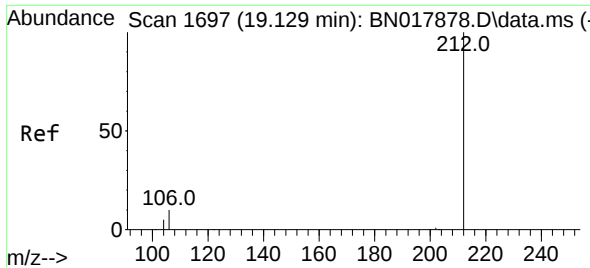
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 178   | Resp: | 21694 |
| Ion      | Ratio | Lower | Upper |
| 178      | 100   |       |       |
| 176      | 19.0  | 15.0  | 22.6  |
| 179      | 15.8  | 12.4  | 18.6  |



#26  
Anthracene  
Concen: 0.069 ng  
RT: 17.238 min Scan# 1409  
Delta R.T. 0.012 min  
Lab File: BN017876.D  
Acq: 10 Dec 2021 18:15

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 178   | Resp: | 15321 |
| Ion      | Ratio | Lower | Upper |
| 178      | 100   |       |       |
| 176      | 18.3  | 14.3  | 21.5  |
| 179      | 15.2  | 12.2  | 18.4  |

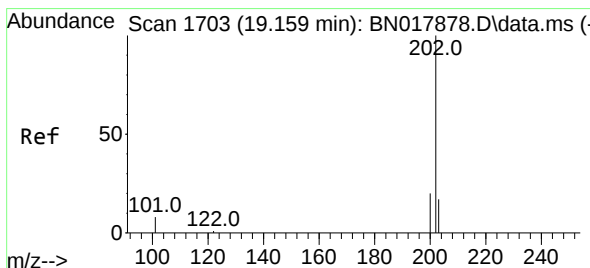
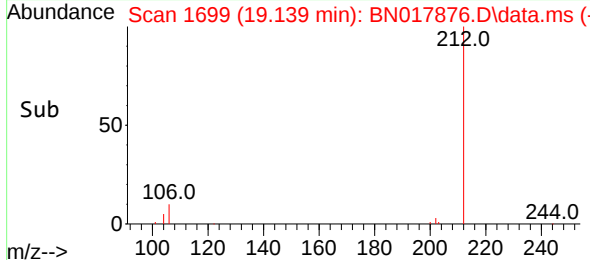
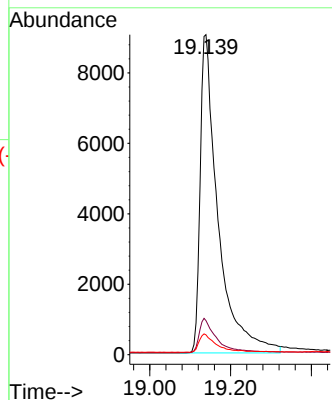
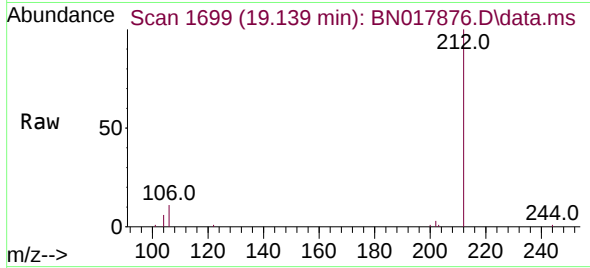




#27  
Fluoranthene-d10  
Concen: 0.087 ng  
RT: 19.139 min Scan# 1705  
Delta R.T. 0.010 min  
Lab File: BN017876.D  
Acq: 10 Dec 2021 18:15

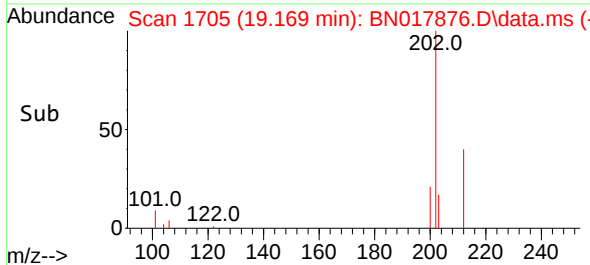
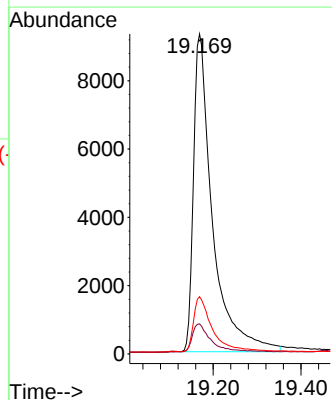
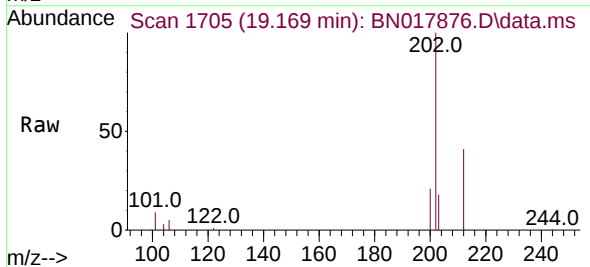
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICC0.1

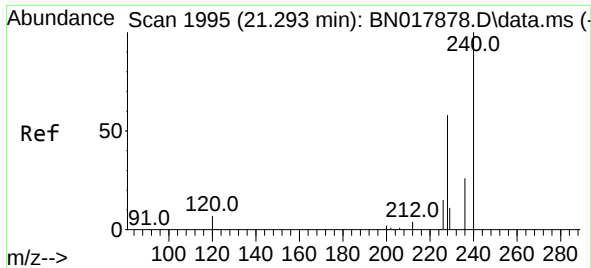
Tgt Ion:212 Resp: 27824  
Ion Ratio Lower Upper  
212 100  
106 10.6 8.3 12.5  
104 5.5 4.6 6.8



#28  
Fluoranthene  
Concen: 0.092 ng  
RT: 19.169 min Scan# 1705  
Delta R.T. 0.010 min  
Lab File: BN017876.D  
Acq: 10 Dec 2021 18:15

Tgt Ion:202 Resp: 27979  
Ion Ratio Lower Upper  
202 100  
101 8.9 7.3 10.9  
203 17.1 13.7 20.5

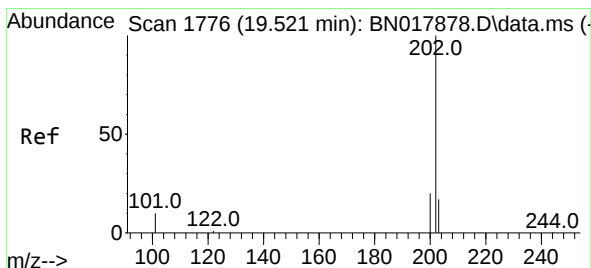
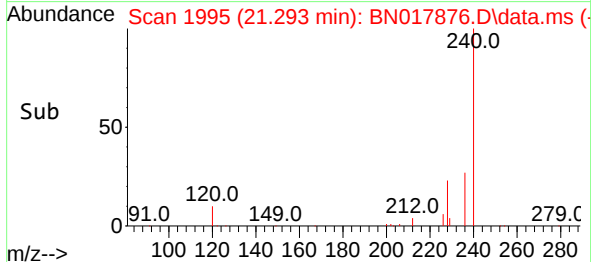
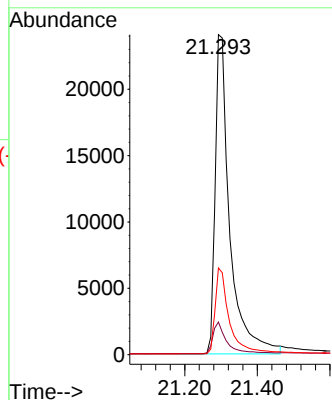
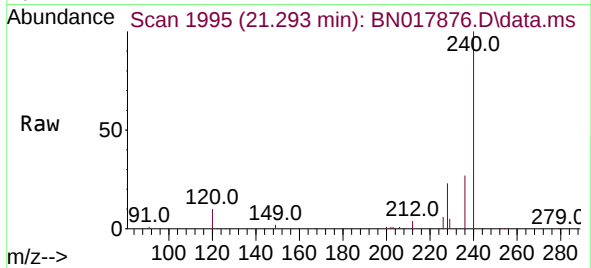




#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.293 min Scan# 1995  
Delta R.T. -0.000 min  
Lab File: BN017876.D  
Acq: 10 Dec 2021 18:15

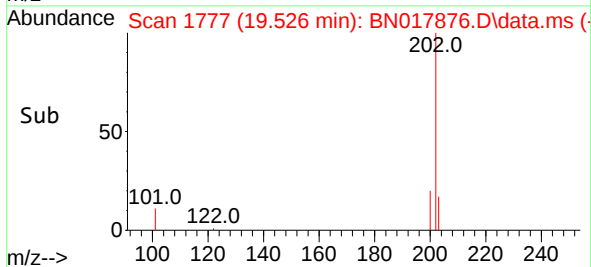
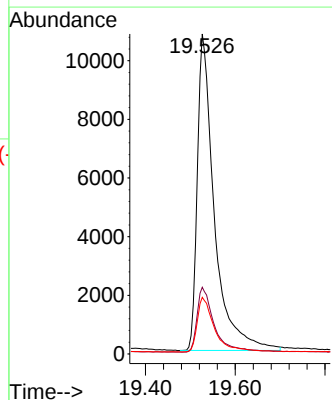
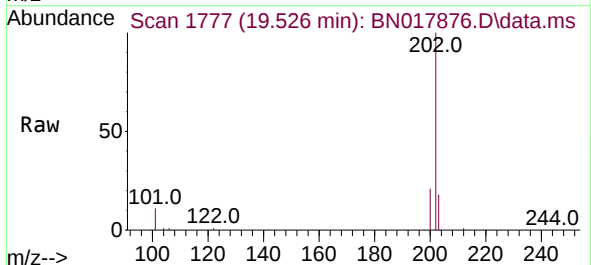
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICC0.1

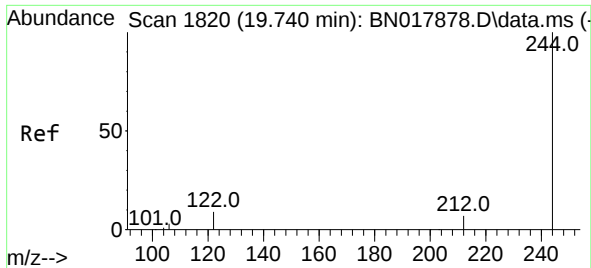
Tgt Ion:240 Resp: 67252  
Ion Ratio Lower Upper  
240 100  
120 10.2 5.8 8.8#  
236 27.1 21.0 31.6



#30  
Pyrene  
Concen: 0.134 ng  
RT: 19.526 min Scan# 1777  
Delta R.T. 0.005 min  
Lab File: BN017876.D  
Acq: 10 Dec 2021 18:15

Tgt Ion:202 Resp: 28555  
Ion Ratio Lower Upper  
202 100  
200 20.7 16.5 24.7  
203 17.6 14.0 21.0

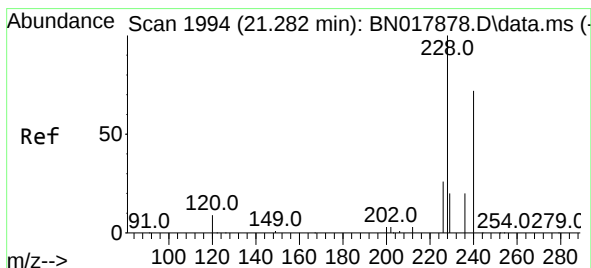
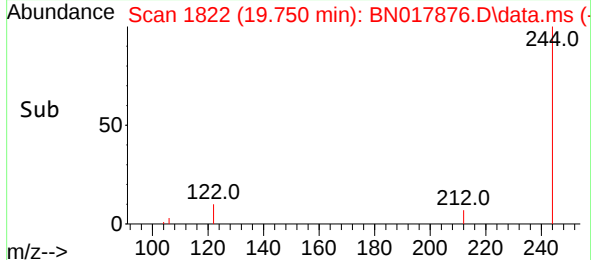
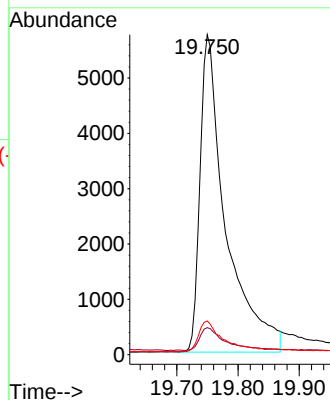
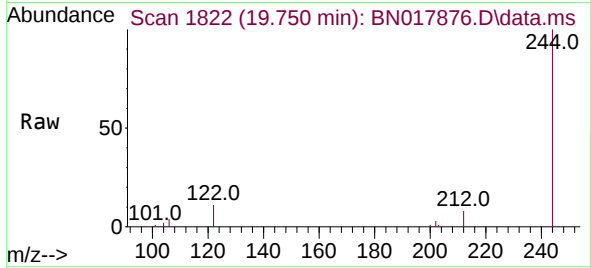




#31  
Terphenyl-d14  
Concen: 0.116 ng  
RT: 19.750 min Scan# 1820  
Delta R.T. 0.010 min  
Lab File: BN017876.D  
Acq: 10 Dec 2021 18:15

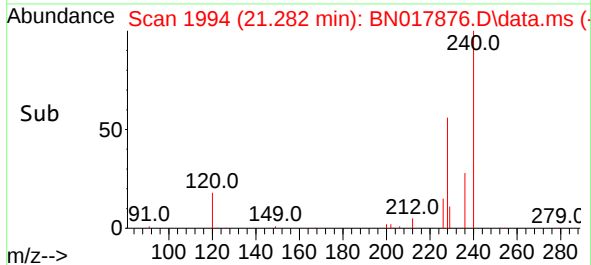
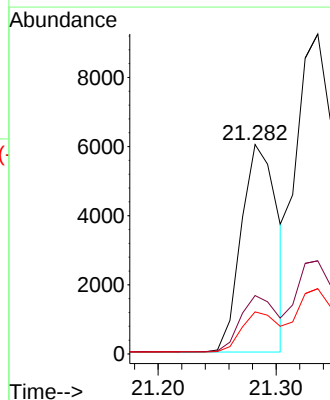
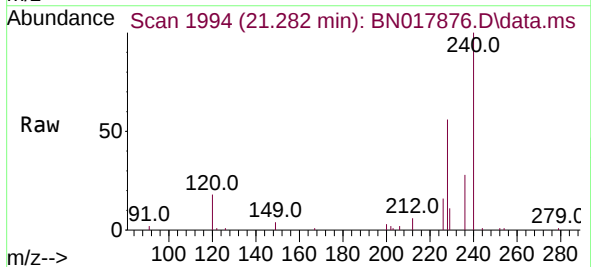
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICC0.1

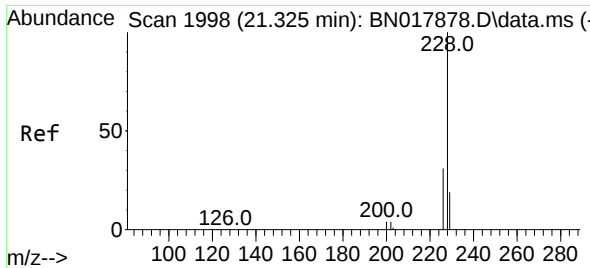
Tgt Ion:244 Resp: 16714  
Ion Ratio Lower Upper  
244 100  
212 8.5 6.2 9.2  
122 10.6 7.5 11.3



#32  
Benzo(a)anthracene  
Concen: 0.062 ng  
RT: 21.282 min Scan# 1994  
Delta R.T. -0.000 min  
Lab File: BN017876.D  
Acq: 10 Dec 2021 18:15

Tgt Ion:228 Resp: 12761  
Ion Ratio Lower Upper  
228 100  
226 27.9 21.0 31.4  
229 20.1 15.8 23.8

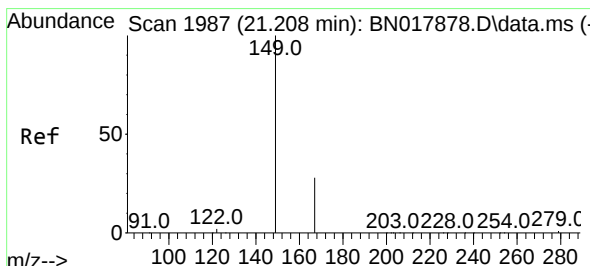
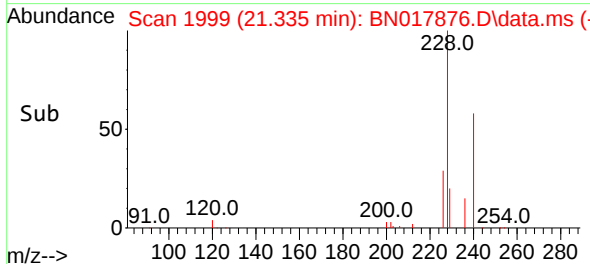
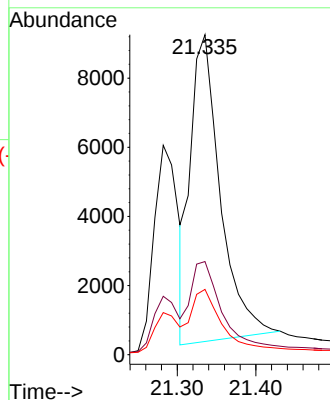
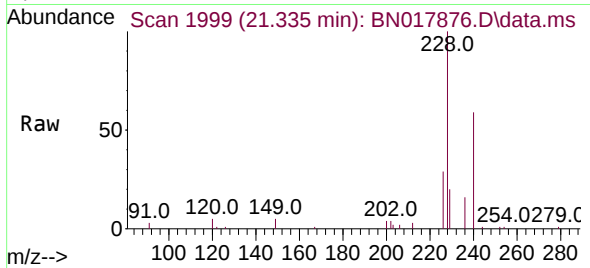




#33  
Chrysene  
Concen: 0.108 ng  
RT: 21.335 min Scan# 1999  
Delta R.T. 0.010 min  
Lab File: BN017876.D  
Acq: 10 Dec 2021 18:15

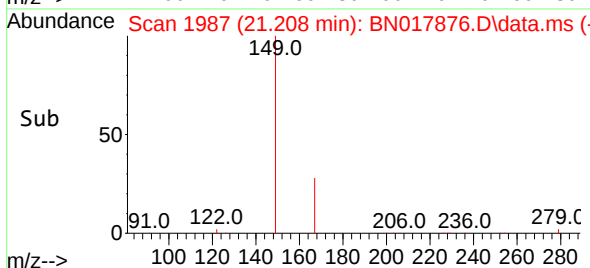
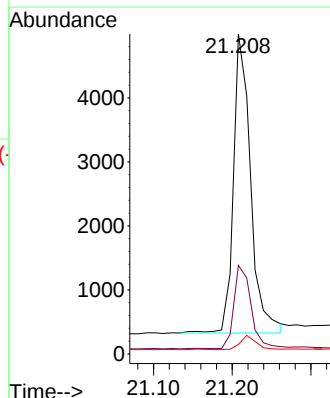
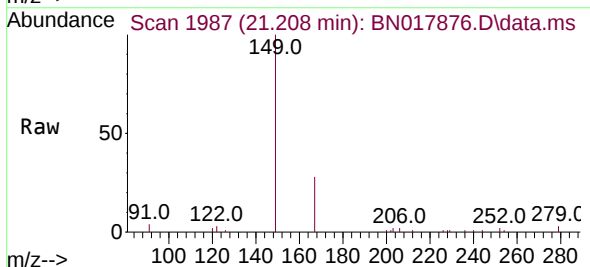
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICC0.1

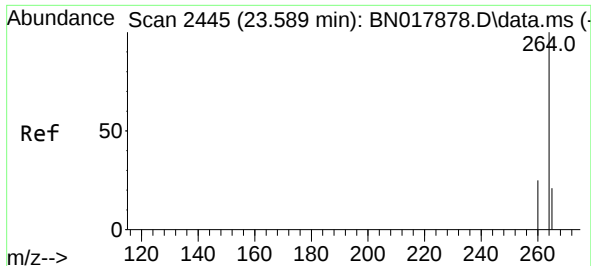
Tgt Ion:228 Resp: 23294  
Ion Ratio Lower Upper  
228 100  
226 29.1 23.8 35.8  
229 20.4 15.6 23.4



#34  
Bis(2-ethylhexyl)phthalate  
Concen: 0.076 ng  
RT: 21.208 min Scan# 1987  
Delta R.T. -0.000 min  
Lab File: BN017876.D  
Acq: 10 Dec 2021 18:15

Tgt Ion:149 Resp: 7087  
Ion Ratio Lower Upper  
149 100  
167 28.2 23.4 35.0  
279 4.4 3.6 5.4

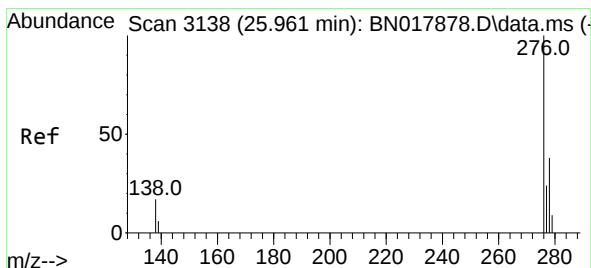
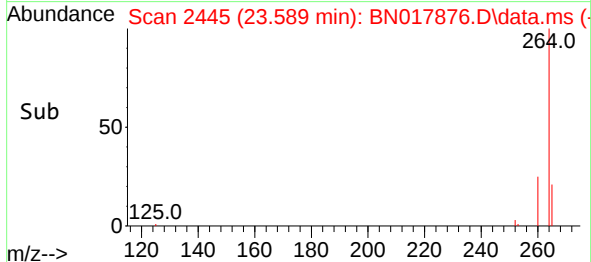
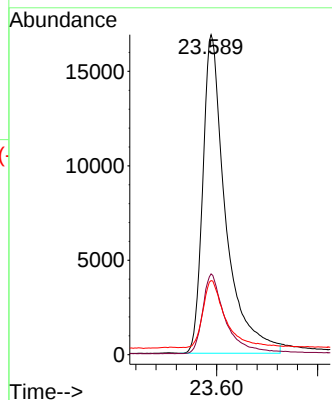
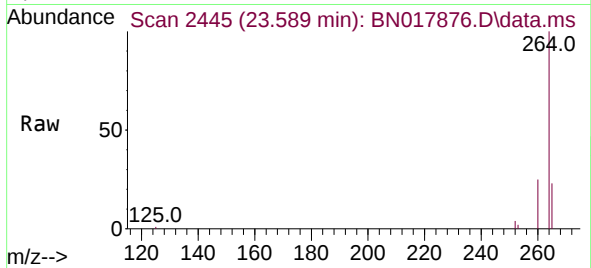




#35  
Perylene-d12  
Concen: 0.400 ng  
RT: 23.589 min Scan# 2445  
Delta R.T. -0.000 min  
Lab File: BN017876.D  
Acq: 10 Dec 2021 18:15

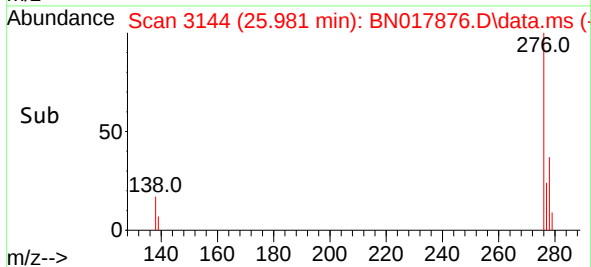
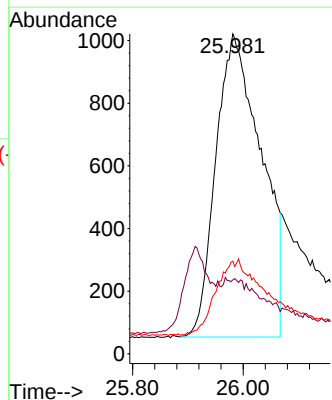
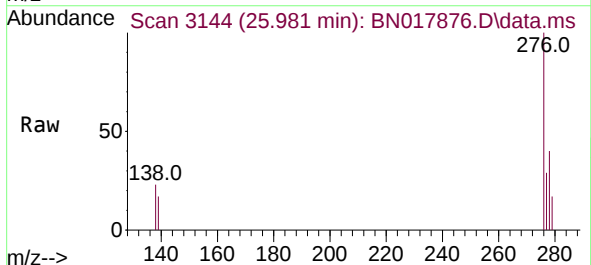
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICC0.1

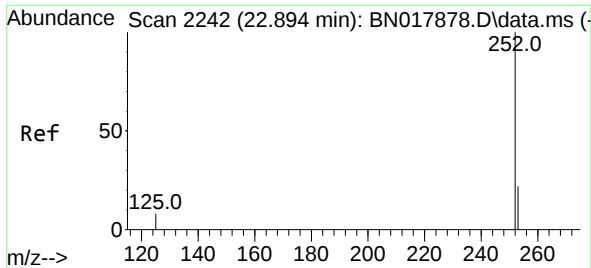
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 264   | Resp: | 52865 |
| Ion Ratio | Lower | Upper |       |
| 264       | 100   |       |       |
| 260       | 25.3  | 20.2  | 30.4  |
| 265       | 23.1  | 18.2  | 27.4  |



#36  
Indeno(1,2,3-cd)pyrene  
Concen: 0.038 ng  
RT: 25.981 min Scan# 3144  
Delta R.T. 0.020 min  
Lab File: BN017876.D  
Acq: 10 Dec 2021 18:15

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 276   | Resp: | 5518  |
| Ion Ratio | Lower | Upper |       |
| 276       | 100   |       |       |
| 138       | 0.0   | 15.2  | 22.8# |
| 277       | 10.4  | 19.8  | 29.6# |

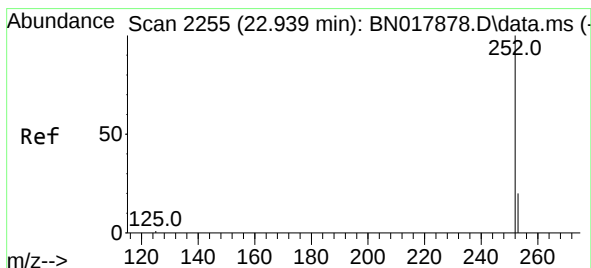
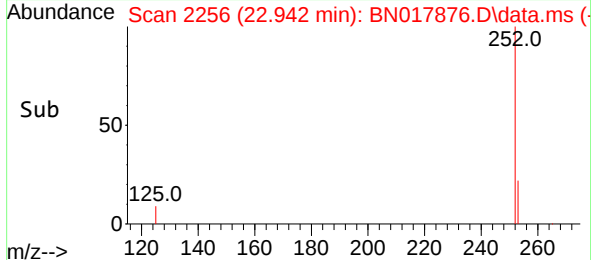
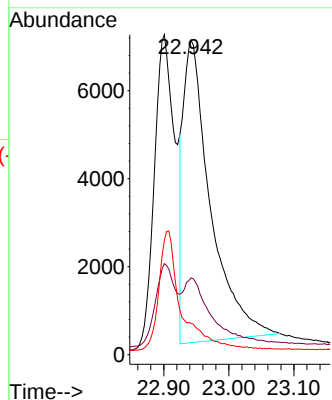
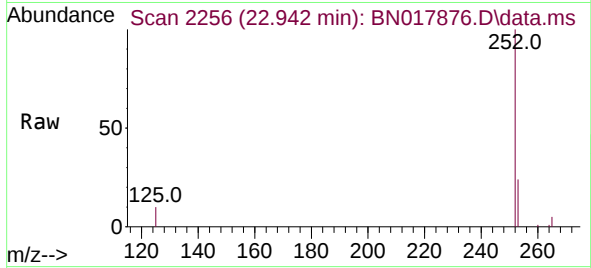




#37  
Benzo(b)fluoranthene  
Concen: 0.111 ng  
RT: 22.942 min Scan# 21  
Delta R.T. 0.048 min  
Lab File: BN017876.D  
Acq: 10 Dec 2021 18:15

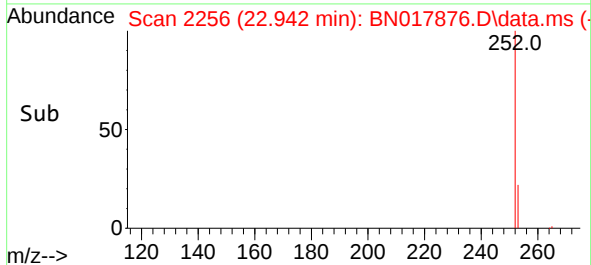
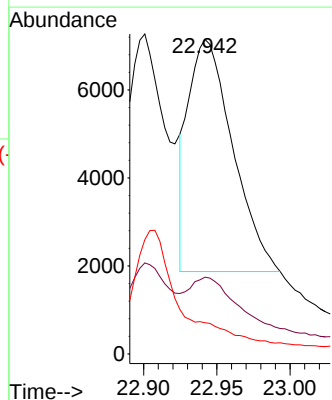
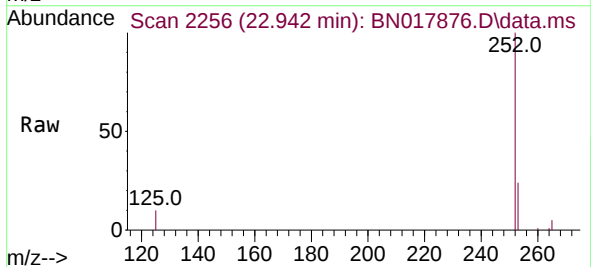
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICC0.1

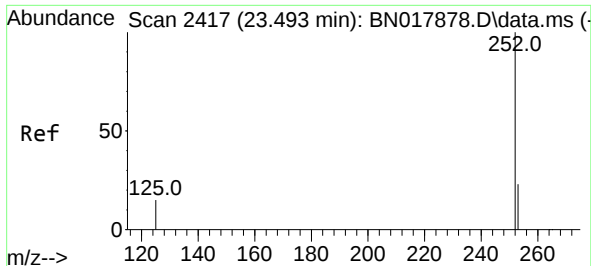
Tgt Ion:252 Resp: 19956  
Ion Ratio Lower Upper  
252 100  
253 24.4 17.9 26.9  
125 9.9 6.8 10.2



#38  
Benzo(k)fluoranthene  
Concen: 0.065 ng  
RT: 22.942 min Scan# 2256  
Delta R.T. 0.003 min  
Lab File: BN017876.D  
Acq: 10 Dec 2021 18:15

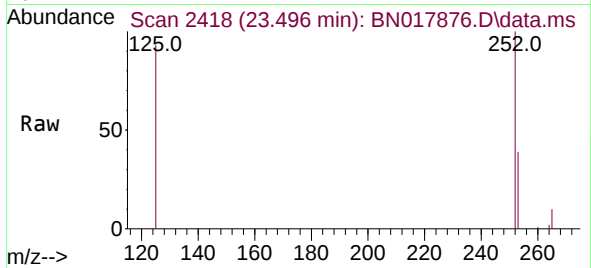
Tgt Ion:252 Resp: 11075  
Ion Ratio Lower Upper  
252 100  
253 24.4 17.8 26.6  
125 9.9 6.1 9.1#



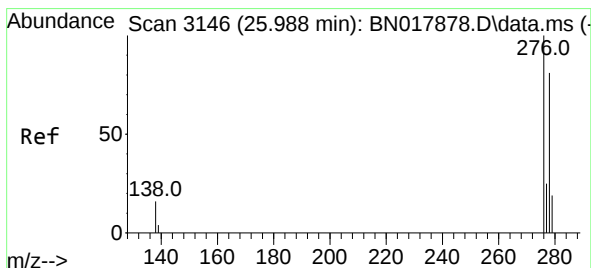
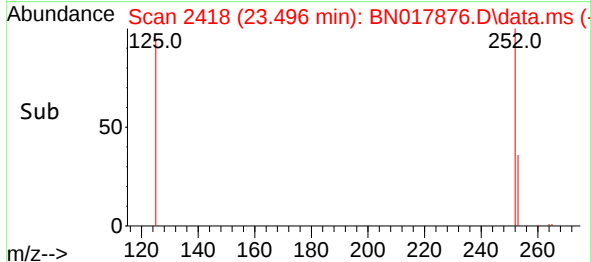
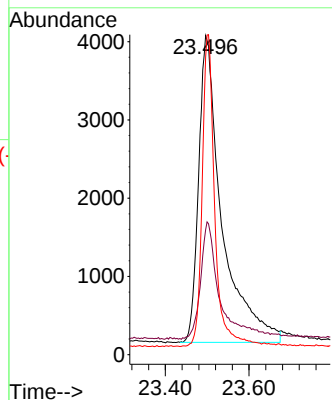


#39  
Benzo(a)pyrene  
Concen: 0.094 ng  
RT: 23.496 min Scan# 2417  
Delta R.T. 0.003 min  
Lab File: BN017876.D  
Acq: 10 Dec 2021 18:15

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICC0.1

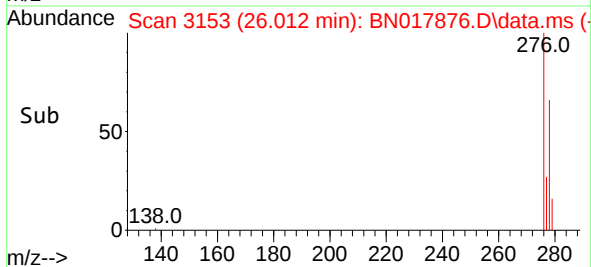
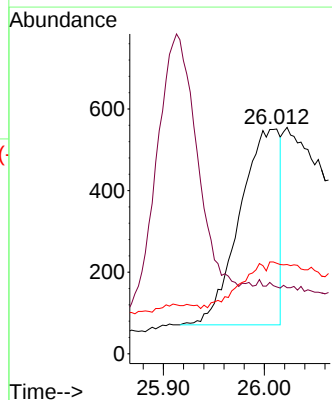
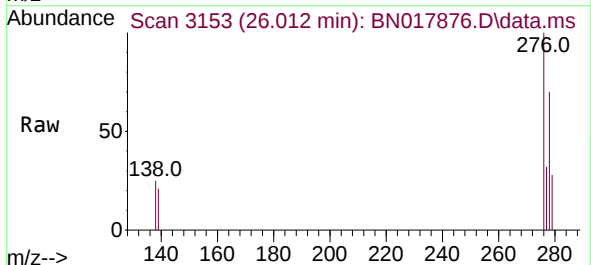


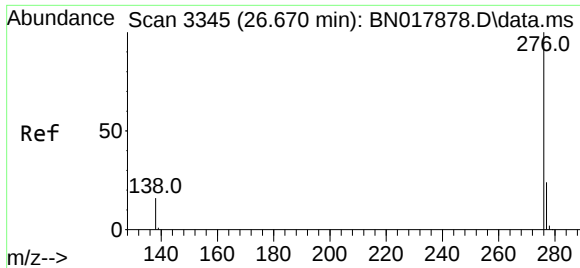
Tgt Ion:252 Resp: 15169  
Ion Ratio Lower Upper  
252 100  
253 39.1 18.8 28.2#  
125 93.2 12.2 18.2#



#40  
Dibenzo(a,h)anthracene  
Concen: 0.012 ng  
RT: 26.012 min Scan# 3153  
Delta R.T. 0.024 min  
Lab File: BN017876.D  
Acq: 10 Dec 2021 18:15

Tgt Ion:278 Resp: 1317  
Ion Ratio Lower Upper  
278 100  
139 29.8 12.0 18.0#  
279 40.3 20.8 31.2#





#41

Benzo(g,h,i)perylene

Concen: 0.057 ng

RT: 26.686 min Scan# 31

Delta R.T. 0.017 min

Lab File: BN017876.D

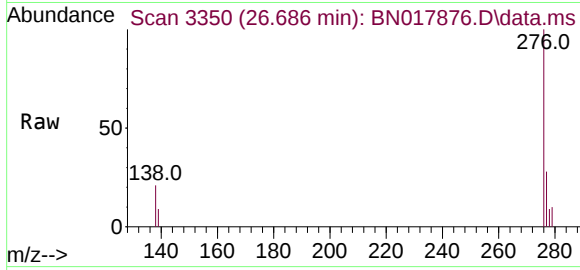
Acq: 10 Dec 2021 18:15

Instrument :

BNA\_N

ClientSampleId :

SSTDICC0.1



Tgt Ion:276 Resp: 6958

Ion Ratio Lower Upper

276 100

277 27.8 19.6 29.4

138 21.2 13.8 20.8#

