

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN040921\  
 Data File : BN014257.D  
 Acq On : 09 Apr 2021 19:25  
 Operator : CG/JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC0.4EC

Quant Time: Apr 10 00:34:43 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN040921.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Apr 09 15:06:44 2021  
 Response via : Initial Calibration

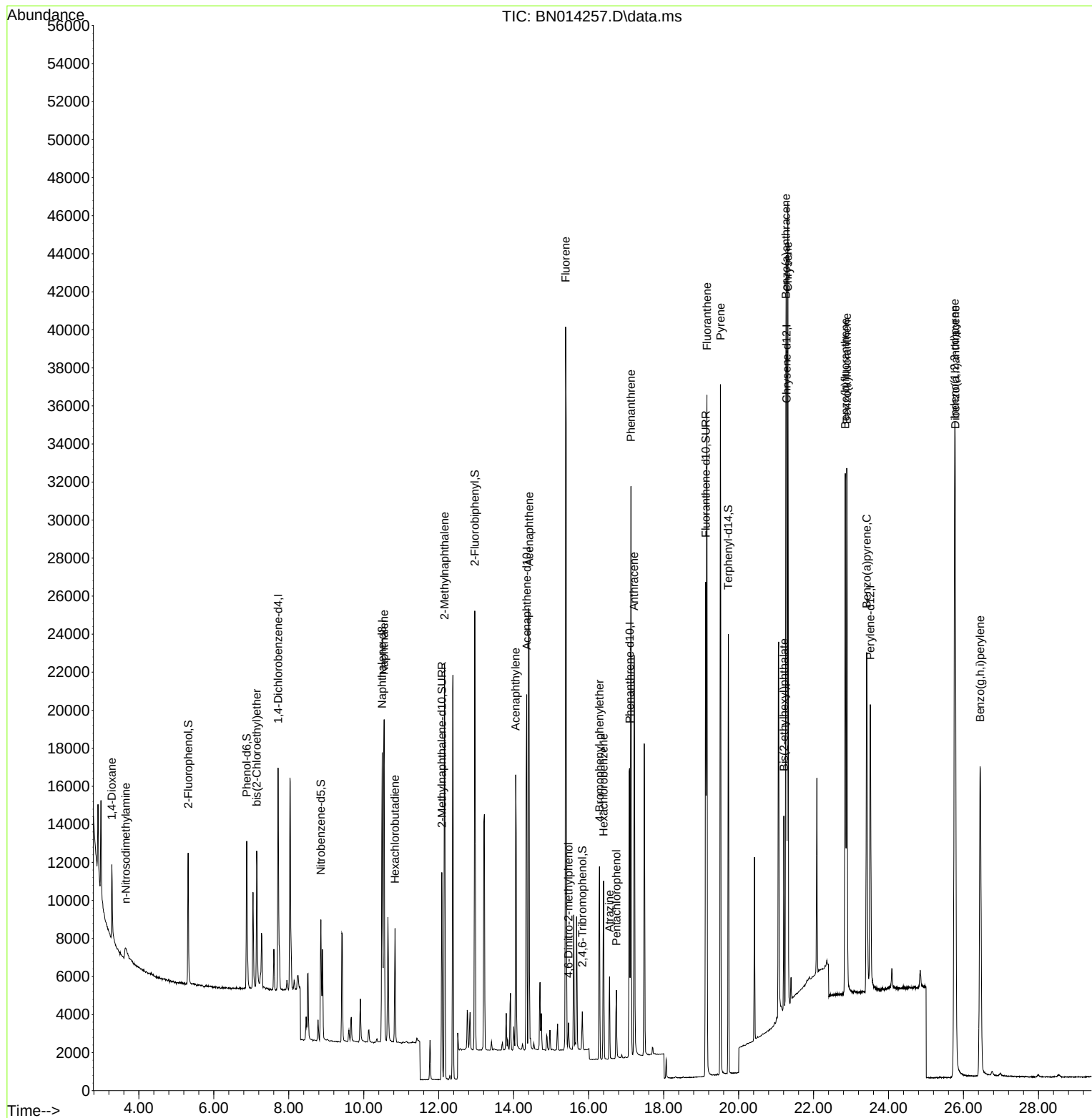
| Compound                      | R.T.   | QIon | Response | Conc | Units | Dev(Min) |
|-------------------------------|--------|------|----------|------|-------|----------|
| -----                         |        |      |          |      |       |          |
| Internal Standards            |        |      |          |      |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.716  | 152  | 5675     | 0.40 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.492 | 136  | 20541    | 0.40 | ng    | 0.00     |
| 13) Acenaphthene-d10          | 14.346 | 164  | 11290    | 0.40 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.092 | 188  | 24182    | 0.40 | ng    | 0.00     |
| 29) Chrysene-d12              | 21.282 | 240  | 23410    | 0.40 | ng    | # 0.00   |
| 36) Perylene-d12              | 23.513 | 264  | 21274    | 0.40 | ng    | # 0.00   |
| System Monitoring Compounds   |        |      |          |      |       |          |
| 4) 2-Fluorophenol             | 5.316  | 112  | 5891     | 0.44 | ng    | 0.00     |
| 5) Phenol-d6                  | 6.879  | 99   | 7385     | 0.44 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 8.857  | 82   | 5394     | 0.41 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 12.084 | 152  | 14422    | 0.45 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.830 | 330  | 1636     | 0.37 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 12.963 | 172  | 19193    | 0.46 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.124 | 212  | 30383    | 0.43 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.724 | 244  | 24398    | 0.47 | ng    | 0.00     |
| Target Compounds              |        |      |          |      |       |          |
|                               |        |      |          |      |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.279  | 88   | 3398     | 0.47 | ng    | 93       |
| 3) n-Nitrosodimethylamine     | 3.649  | 42   | 1067     | 0.32 | ng    | # 92     |
| 6) bis(2-Chloroethyl)ether    | 7.144  | 93   | 6091     | 0.44 | ng    | 98       |
| 9) Naphthalene                | 10.543 | 128  | 23458    | 0.46 | ng    | 100      |
| 10) Hexachlorobutadiene       | 10.834 | 225  | 4696     | 0.46 | ng    | # 99     |
| 12) 2-Methylnaphthalene       | 12.155 | 142  | 15406    | 0.45 | ng    | 97       |
| 16) Acenaphthylene            | 14.054 | 152  | 17815    | 0.41 | ng    | 99       |
| 17) Acenaphthene              | 14.409 | 154  | 13967    | 0.44 | ng    | 98       |
| 18) Fluorene                  | 15.386 | 166  | 17608    | 0.44 | ng    | 100      |
| 20) 4,6-Dinitro-2-methylph... | 15.463 | 198  | 1064     | 0.37 | ng    | 96       |
| 21) 4-Bromophenyl-phenylether | 16.289 | 248  | 5446     | 0.44 | ng    | 90       |
| 22) Hexachlorobenzene         | 16.398 | 284  | 7461     | 0.47 | ng    | 100      |
| 23) Atrazine                  | 16.556 | 200  | 3482     | 0.38 | ng    | 97       |
| 24) Pentachlorophenol         | 16.739 | 266  | 1731     | 0.36 | ng    | 100      |
| 25) Phenanthrene              | 17.128 | 178  | 30188    | 0.45 | ng    | 100      |
| 26) Anthracene                | 17.213 | 178  | 23629    | 0.43 | ng    | 100      |
| 28) Fluoranthene              | 19.153 | 202  | 33094    | 0.43 | ng    | 100      |
| 30) Pyrene                    | 19.516 | 202  | 33148    | 0.45 | ng    | 100      |
| 32) Benzo(a)anthracene        | 21.260 | 228  | 29514    | 0.44 | ng    | 98       |
| 33) Chrysene                  | 21.314 | 228  | 33649    | 0.47 | ng    | 98       |
| 34) Bis(2-ethylhexyl)phtha... | 21.207 | 149  | 8311     | 0.43 | ng    | 99       |
| 35) Indeno(1,2,3-cd)pyrene    | 25.762 | 276  | 41104    | 0.48 | ng    | 99       |
| 37) Benzo(b)fluoranthene      | 22.846 | 252  | 34426    | 0.45 | ng    | 98       |
| 38) Benzo(k)fluoranthene      | 22.887 | 252  | 34771    | 0.46 | ng    | 99       |
| 39) Benzo(a)pyrene            | 23.417 | 252  | 28317    | 0.44 | ng    | 97       |
| 40) Dibenzo(a,h)anthracene    | 25.779 | 278  | 34347    | 0.47 | ng    | 100      |
| 41) Benzo(g,h,i)perylene      | 26.443 | 276  | 34690    | 0.47 | ng    | 99       |
| -----                         |        |      |          |      |       |          |

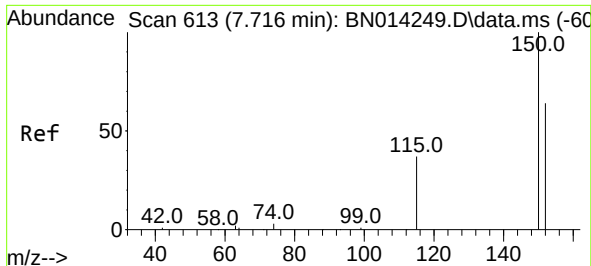
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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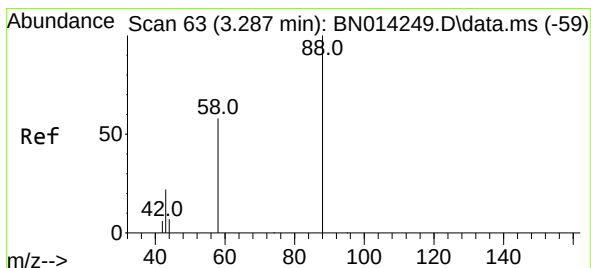
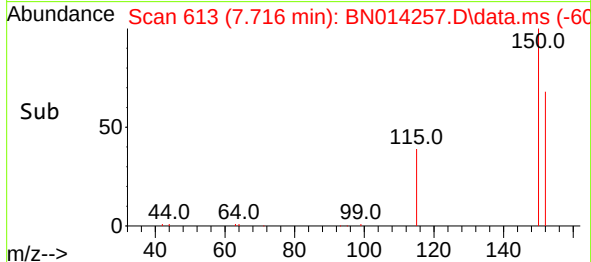
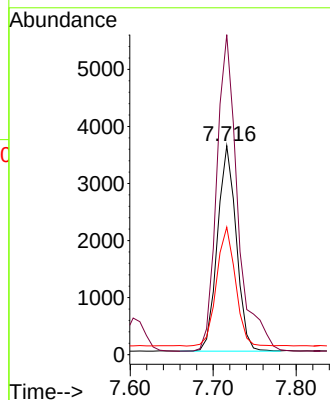
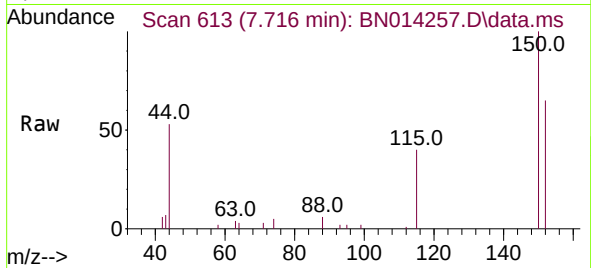




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.40 ng  
 RT: 7.716 min Scan# 613  
 Delta R.T. 0.000 min  
 Lab File: BN014257.D  
 Acq: 09 Apr 2021 19:25

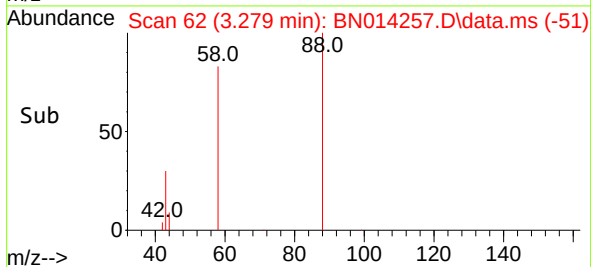
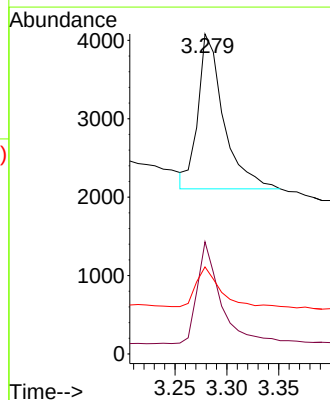
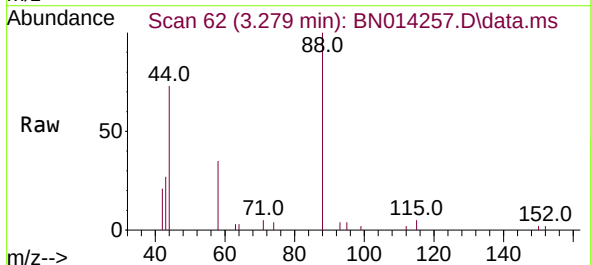
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 ClientSampleId :  
 SSTDCCC0.4EC

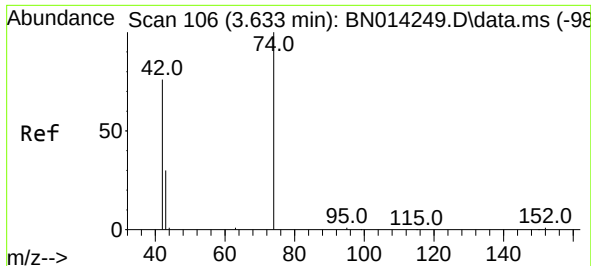
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 Ion Ratio Lower Upper  
 152 100  
 150 153.1 124.8 187.2  
 115 61.0 48.6 73.0



#2  
 1,4-Dioxane  
 Concen: 0.47 ng  
 RT: 3.279 min Scan# 62  
 Delta R.T. -0.008 min  
 Lab File: BN014257.D  
 Acq: 09 Apr 2021 19:25

Tgt Ion: 88 Resp: 3398  
 Ion Ratio Lower Upper  
 88 100  
 58 60.5 52.5 78.7  
 43 23.3 21.8 32.8

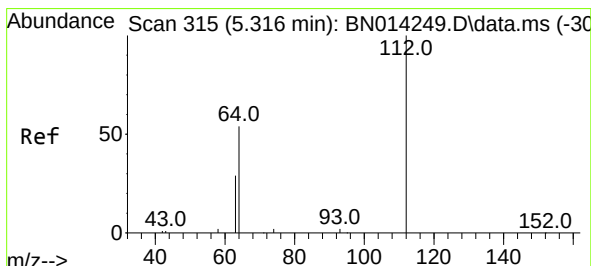
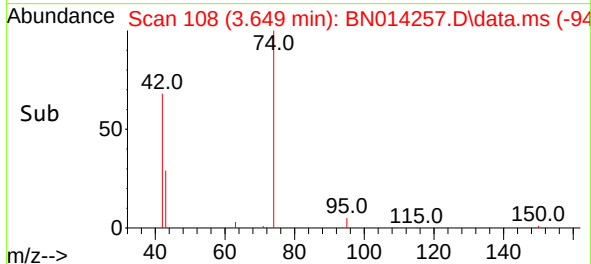
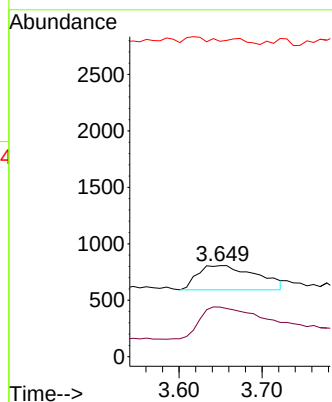
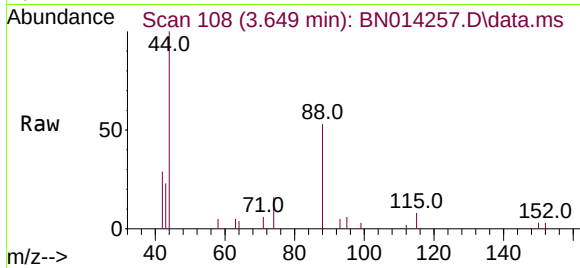




#3  
n-Nitrosodimethylamine  
Concen: 0.32 ng  
RT: 3.649 min Scan# 108  
Delta R.T. 0.016 min  
Lab File: BN014257.D  
Acq: 09 Apr 2021 19:25

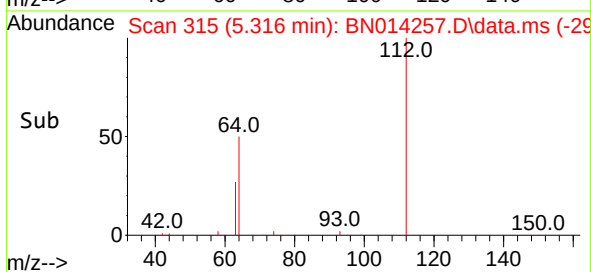
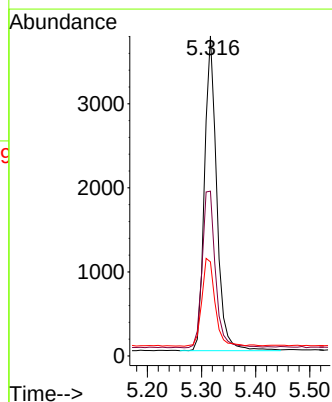
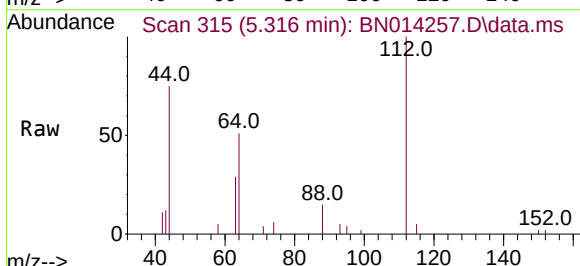
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

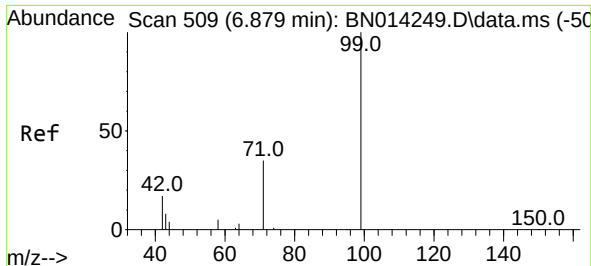
Tgt Ion: 42 Resp: 1067  
Ion Ratio Lower Upper  
42 100  
74 144.7 111.2 166.8  
44 0.0 12.5 18.7#



#4  
2-Fluorophenol  
Concen: 0.44 ng  
RT: 5.316 min Scan# 315  
Delta R.T. -0.000 min  
Lab File: BN014257.D  
Acq: 09 Apr 2021 19:25

Tgt Ion: 112 Resp: 5891  
Ion Ratio Lower Upper  
112 100  
64 54.4 43.4 65.0  
63 30.0 23.5 35.3

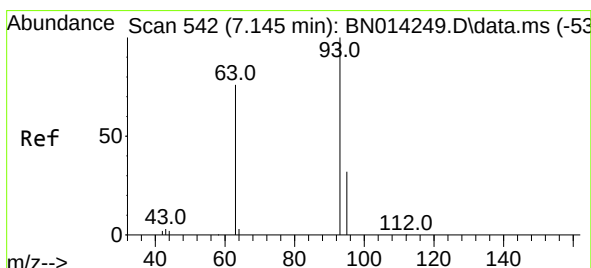
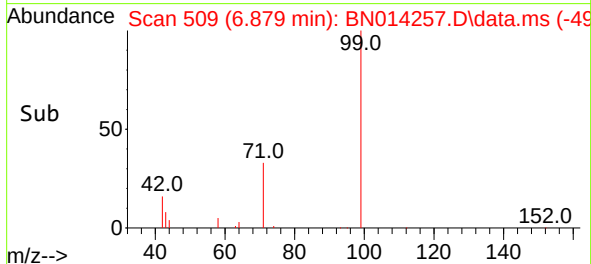
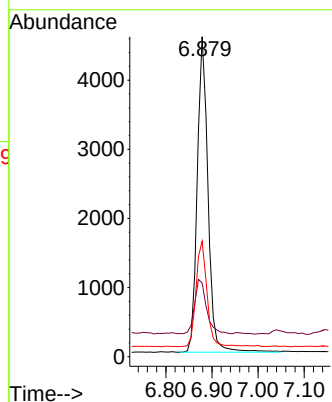
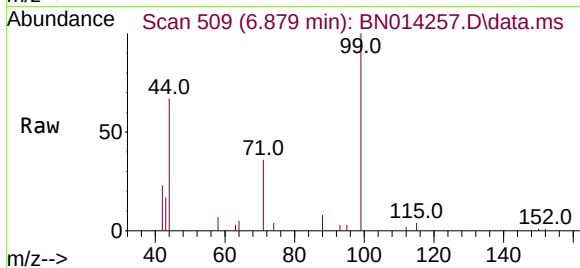




#5  
Phenol-d6  
Concen: 0.44 ng  
RT: 6.879 min Scan# 509  
Delta R.T. -0.000 min  
Lab File: BN014257.D  
Acq: 09 Apr 2021 19:25

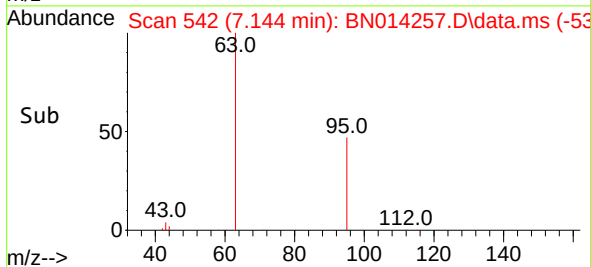
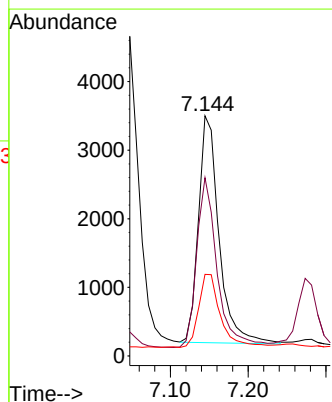
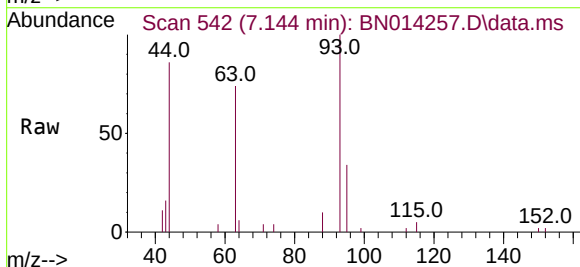
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

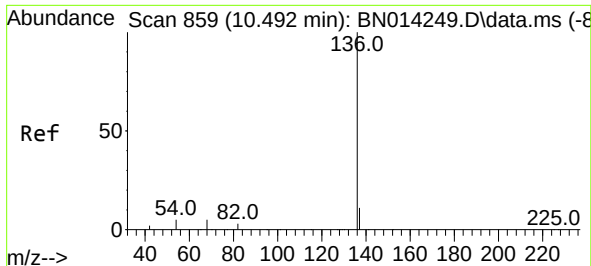
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 99    | Resp: | 7385  |
| Ion      | Ratio | Lower | Upper |
| 99       | 100   |       |       |
| 42       | 18.9  | 15.3  | 22.9  |
| 71       | 34.0  | 27.5  | 41.3  |



#6  
bis(2-Chloroethyl)ether  
Concen: 0.44 ng  
RT: 7.144 min Scan# 542  
Delta R.T. -0.000 min  
Lab File: BN014257.D  
Acq: 09 Apr 2021 19:25

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 93    | Resp: | 6091  |
| Ion      | Ratio | Lower | Upper |
| 93       | 100   |       |       |
| 63       | 74.7  | 58.3  | 87.5  |
| 95       | 34.1  | 27.0  | 40.4  |

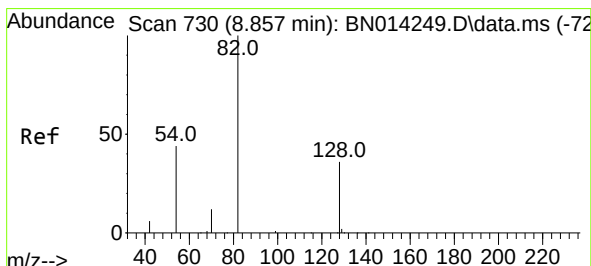
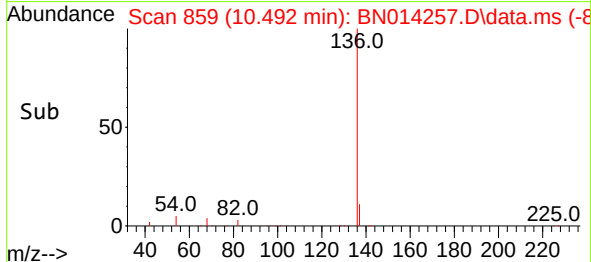
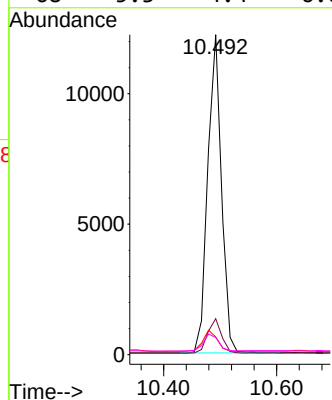
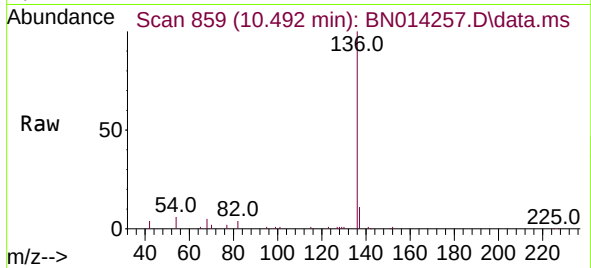




#7  
Naphthalene-d8  
Concen: 0.40 ng  
RT: 10.492 min Scan# 859  
Delta R.T. -0.000 min  
Lab File: BN014257.D  
Acq: 09 Apr 2021 19:25

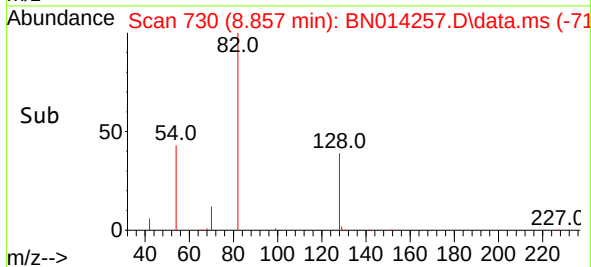
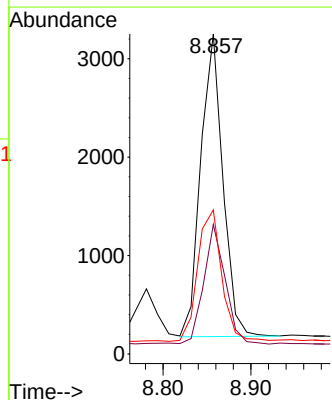
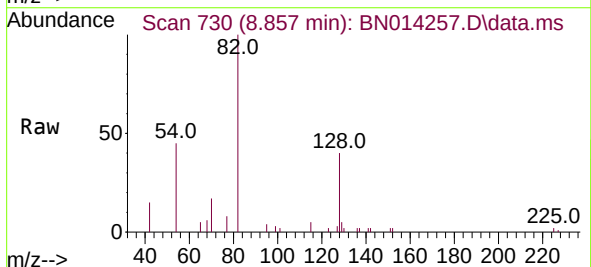
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ClientSampleId :  
SSTDCCC0.4EC

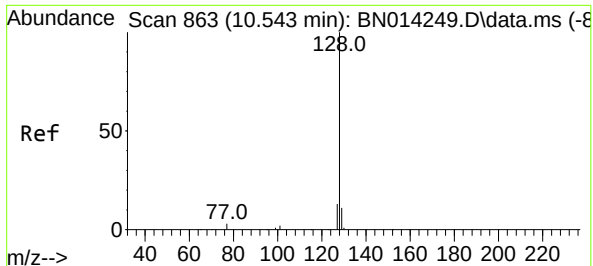
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|-----------|-------|-------|-------|
| Tgt Ion:  | 136   | Resp: | 20541 |
| Ion Ratio | Lower | Upper |       |
| 136       | 100   |       |       |
| 137       | 11.2  | 9.0   | 13.4  |
| 54        | 5.6   | 4.8   | 7.2   |
| 68        | 5.3   | 4.4   | 6.6   |



#8  
Nitrobenzene-d5  
Concen: 0.41 ng  
RT: 8.857 min Scan# 730  
Delta R.T. -0.000 min  
Lab File: BN014257.D  
Acq: 09 Apr 2021 19:25

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 82    | Resp: | 5394 |
| Ion Ratio | Lower | Upper |      |
| 82        | 100   |       |      |
| 128       | 40.5  | 29.7  | 44.5 |
| 54        | 45.0  | 36.5  | 54.7 |

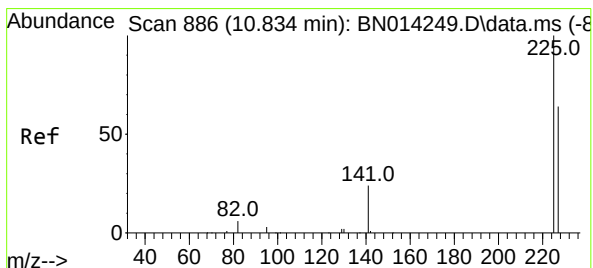
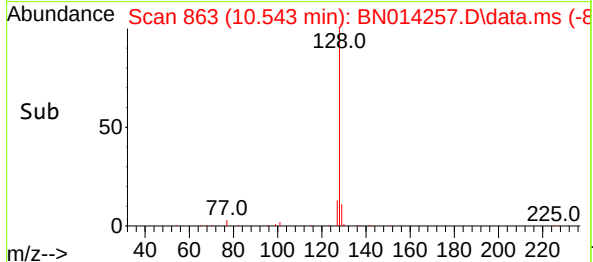
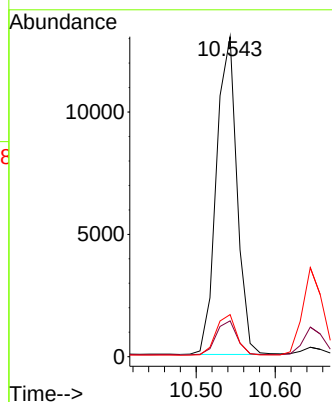
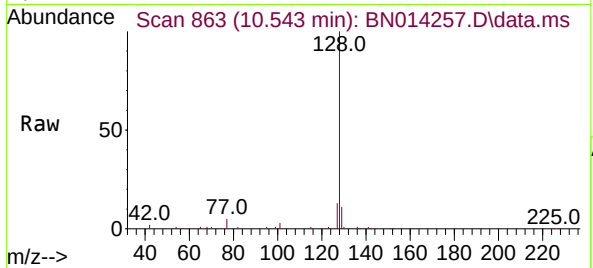




#9  
Naphthalene  
Concen: 0.46 ng  
RT: 10.543 min Scan# 863  
Delta R.T. -0.000 min  
Lab File: BN014257.D  
Acq: 09 Apr 2021 19:25

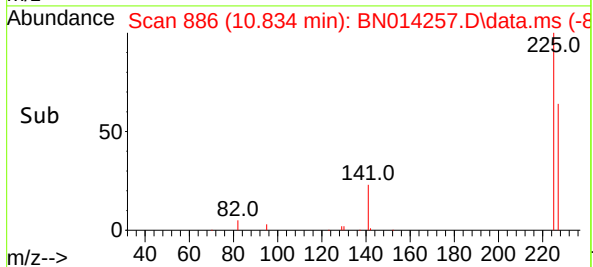
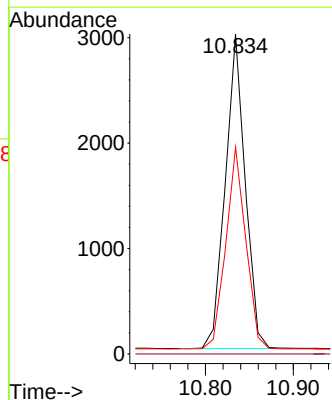
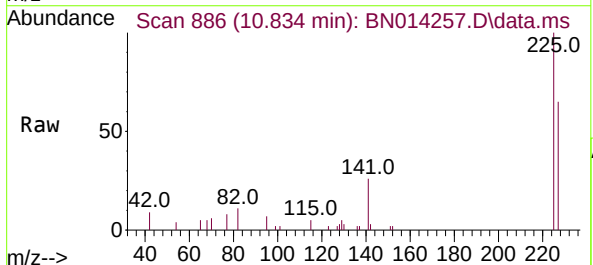
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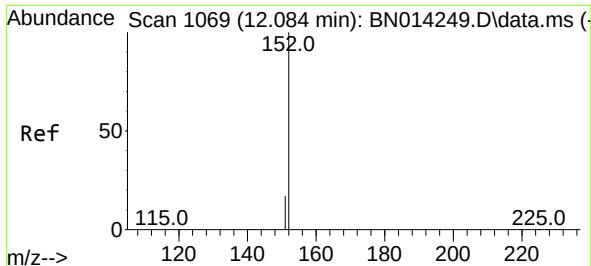
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| Tgt Ion: | 128   | Resp: | 23458 |
| Ion      | Ratio | Lower | Upper |
| 128      | 100   |       |       |
| 129      | 11.2  | 9.0   | 13.6  |
| 127      | 13.2  | 10.5  | 15.7  |



#10  
Hexachlorobutadiene  
Concen: 0.46 ng  
RT: 10.834 min Scan# 886  
Delta R.T. -0.000 min  
Lab File: BN014257.D  
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|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 225   | Resp: | 4696  |
| Ion      | Ratio | Lower | Upper |
| 225      | 100   |       |       |
| 223      | 0.0   | 0.0   | 0.0   |
| 227      | 64.2  | 51.9  | 77.9  |

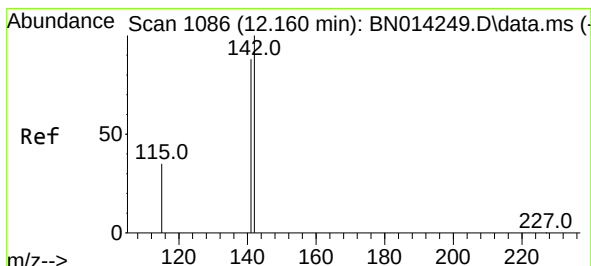
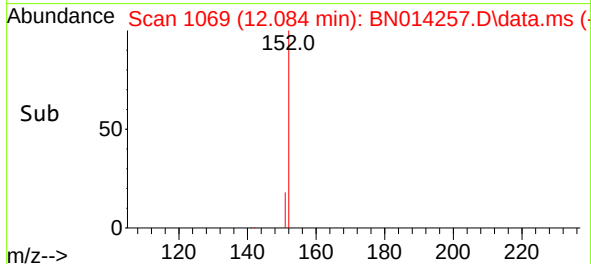
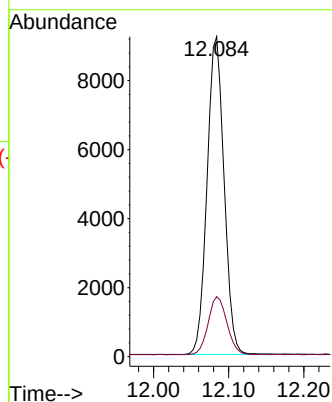
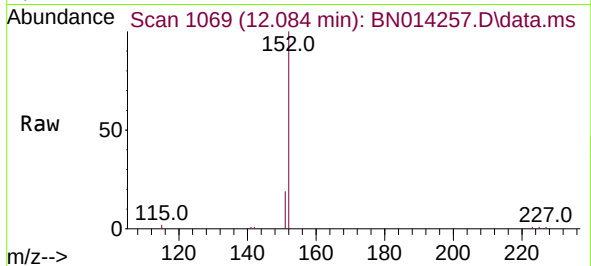




#11  
2-Methylnaphthalene-d10  
Concen: 0.45 ng  
RT: 12.084 min Scan# 1069  
Delta R.T. -0.000 min  
Lab File: BN014257.D  
Acq: 09 Apr 2021 19:25

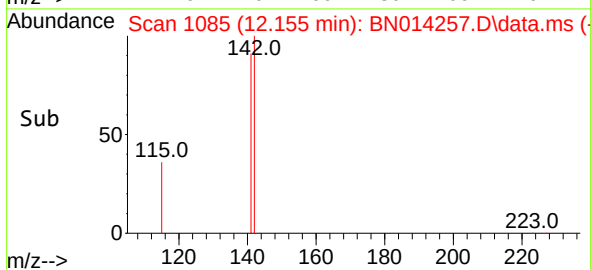
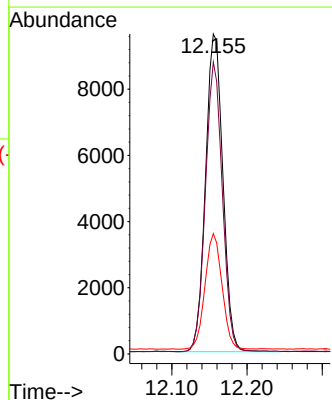
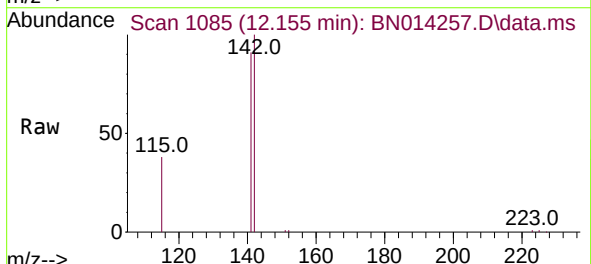
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

Tgt Ion:152 Resp: 14422  
Ion Ratio Lower Upper  
152 100  
151 20.1 16.1 24.1

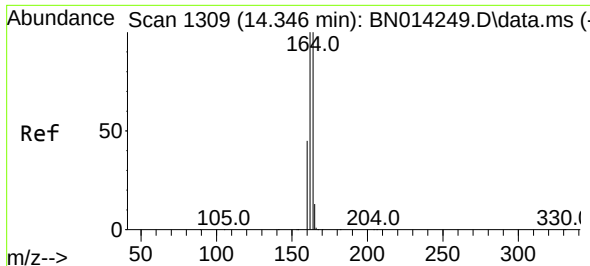


#12  
2-Methylnaphthalene  
Concen: 0.45 ng  
RT: 12.155 min Scan# 1085  
Delta R.T. -0.005 min  
Lab File: BN014257.D  
Acq: 09 Apr 2021 19:25

Tgt Ion:142 Resp: 15406  
Ion Ratio Lower Upper  
142 100  
141 91.2 70.6 106.0  
115 37.6 28.6 42.8



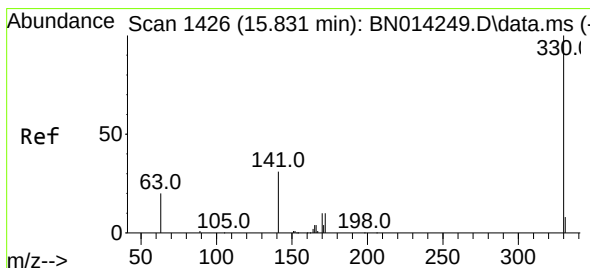
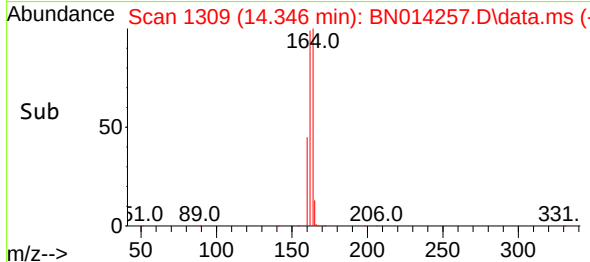
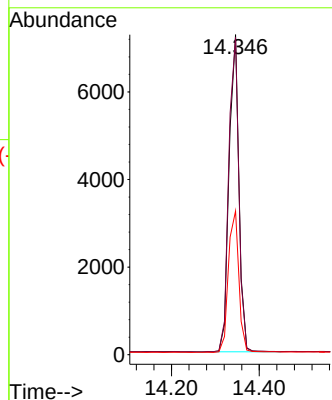
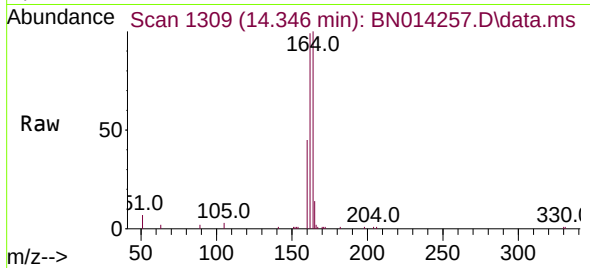




#13  
Acenaphthene-d10  
Concen: 0.40 ng  
RT: 14.346 min Scan# 1309  
Delta R.T. -0.000 min  
Lab File: BN014257.D  
Acq: 09 Apr 2021 19:25

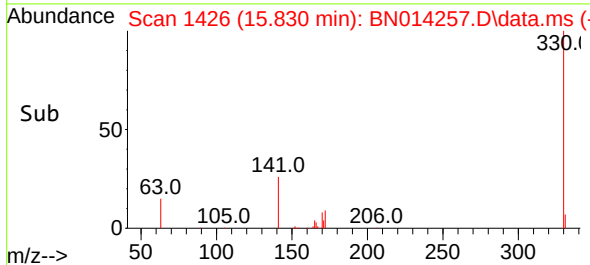
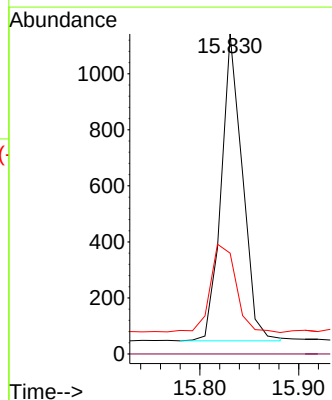
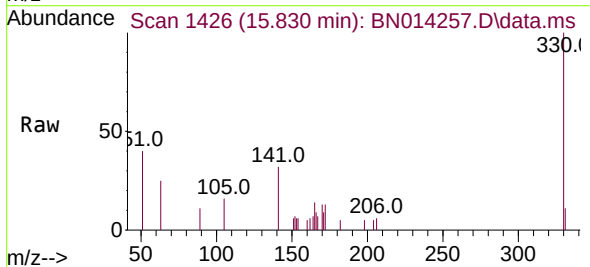
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

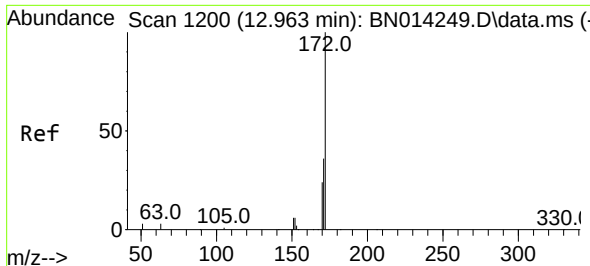
Tgt Ion:164 Resp: 11290  
Ion Ratio Lower Upper  
164 100  
162 99.1 79.8 119.8  
160 44.9 36.6 54.8



#14  
2,4,6-Tribromophenol  
Concen: 0.37 ng  
RT: 15.830 min Scan# 1426  
Delta R.T. -0.000 min  
Lab File: BN014257.D  
Acq: 09 Apr 2021 19:25

Tgt Ion:330 Resp: 1636  
Ion Ratio Lower Upper  
330 100  
332 0.0 0.0 0.0  
141 34.8 25.4 38.0

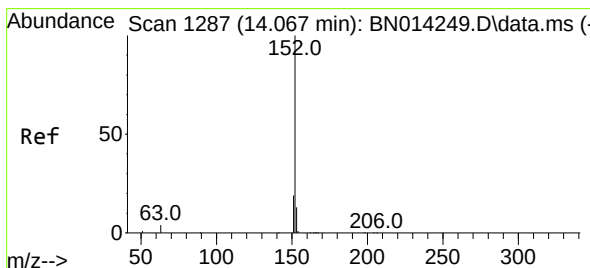
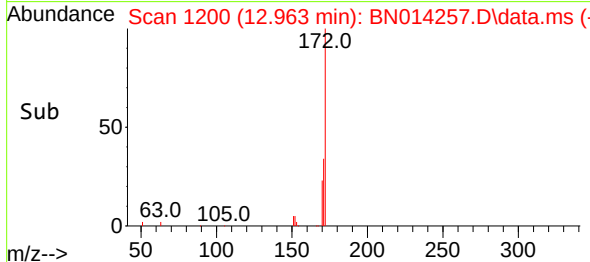
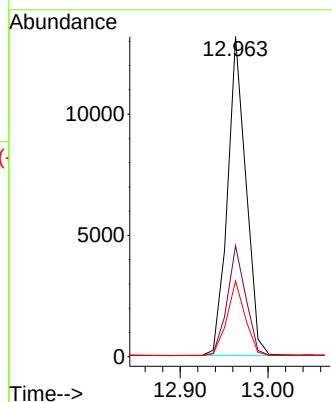
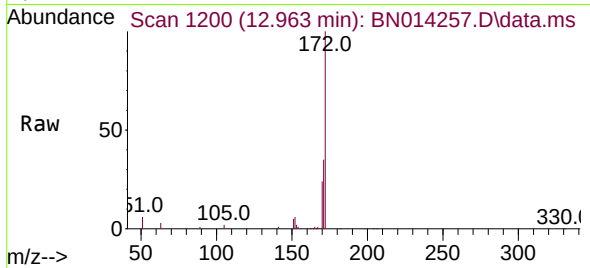




#15  
2-Fluorobiphenyl  
Concen: 0.46 ng  
RT: 12.963 min Scan# 1200  
Delta R.T. -0.000 min  
Lab File: BN014257.D  
Acq: 09 Apr 2021 19:25

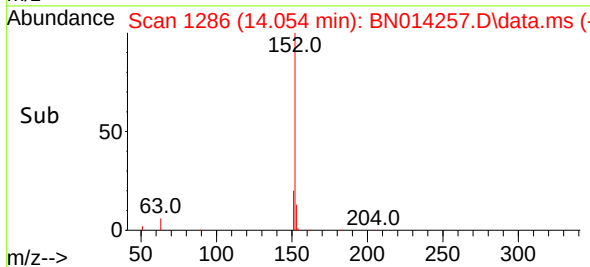
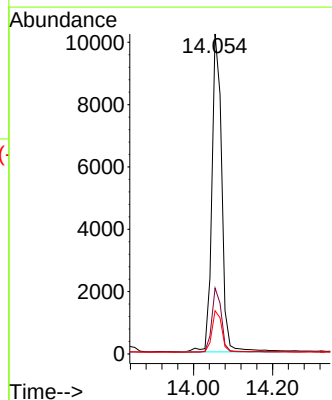
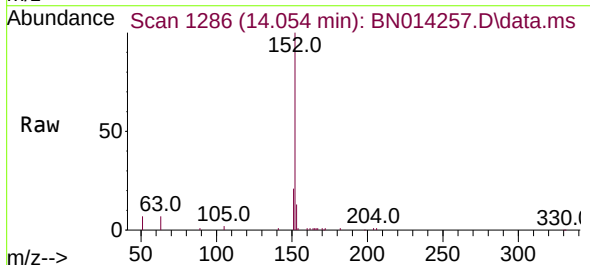
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

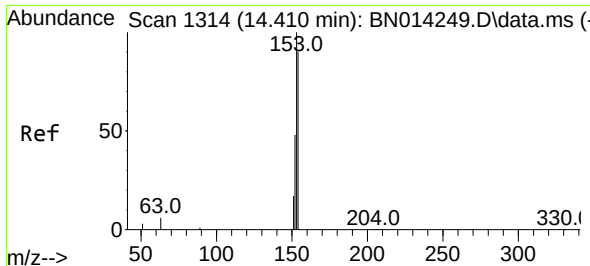
|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:172 | Resp: | 19193     |
| Ion Ratio   | Lower | Upper     |
| 172         | 100   |           |
| 171         | 34.7  | 28.6 42.8 |
| 170         | 23.7  | 19.7 29.5 |



#16  
Acenaphthylene  
Concen: 0.41 ng  
RT: 14.054 min Scan# 1286  
Delta R.T. -0.013 min  
Lab File: BN014257.D  
Acq: 09 Apr 2021 19:25

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:152 | Resp: | 17815     |
| Ion Ratio   | Lower | Upper     |
| 152         | 100   |           |
| 151         | 19.3  | 15.7 23.5 |
| 153         | 12.9  | 10.6 16.0 |

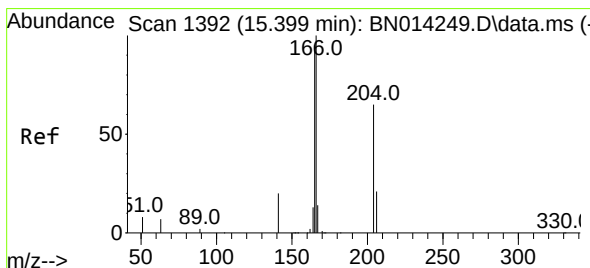
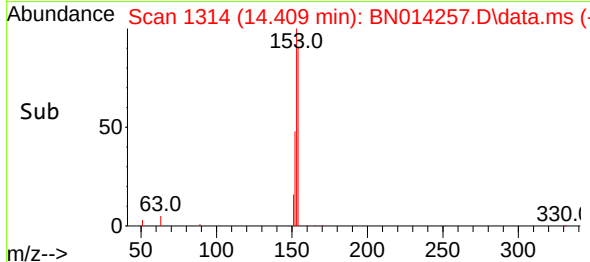
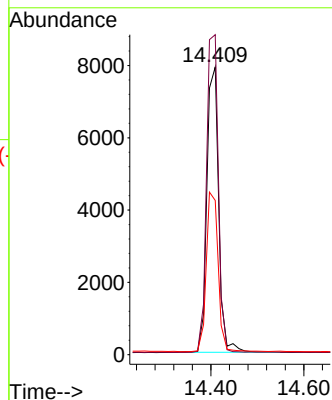
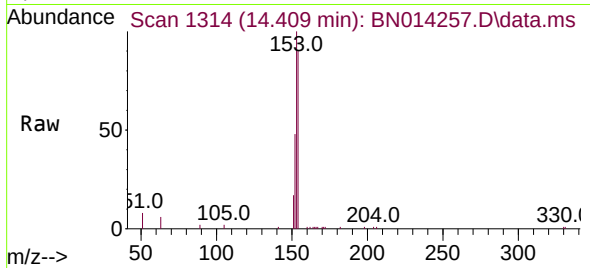




#17  
Acenaphthene  
Concen: 0.44 ng  
RT: 14.409 min Scan# 1314  
Delta R.T. -0.000 min  
Lab File: BN014257.D  
Acq: 09 Apr 2021 19:25

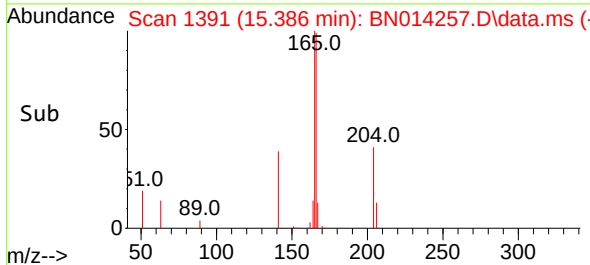
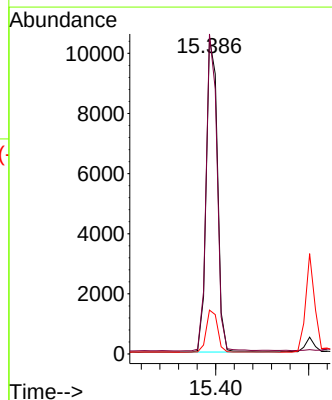
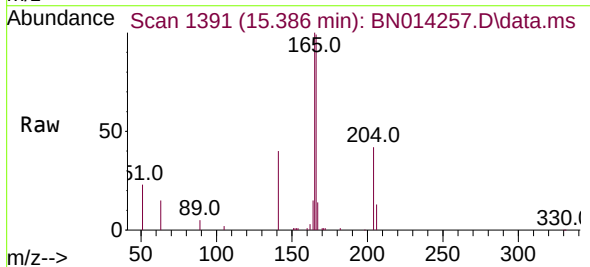
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

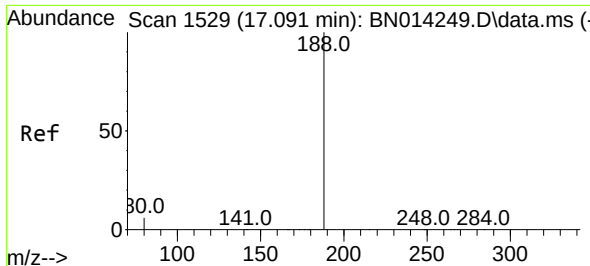
Tgt Ion:154 Resp: 13967  
Ion Ratio Lower Upper  
154 100  
153 111.9 88.1 132.1  
152 56.1 43.8 65.6



#18  
Fluorene  
Concen: 0.44 ng  
RT: 15.386 min Scan# 1391  
Delta R.T. -0.013 min  
Lab File: BN014257.D  
Acq: 09 Apr 2021 19:25

Tgt Ion:166 Resp: 17608  
Ion Ratio Lower Upper  
166 100  
165 97.7 78.0 117.0  
167 13.6 10.6 16.0

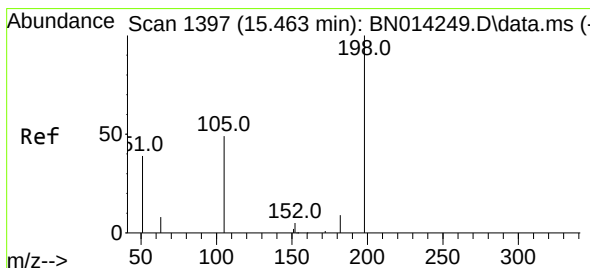
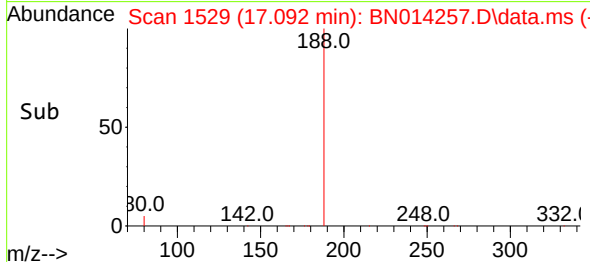
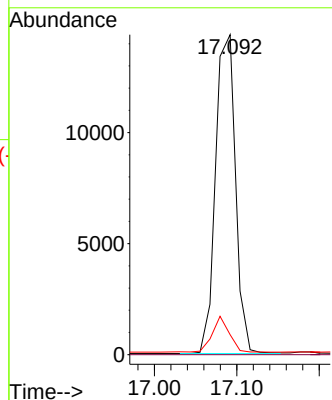
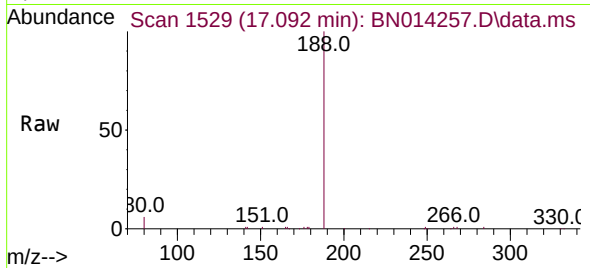




#19  
Phenanthrene-d10  
Concen: 0.40 ng  
RT: 17.092 min Scan# 1529  
Delta R.T. 0.000 min  
Lab File: BN014257.D  
Acq: 09 Apr 2021 19:25

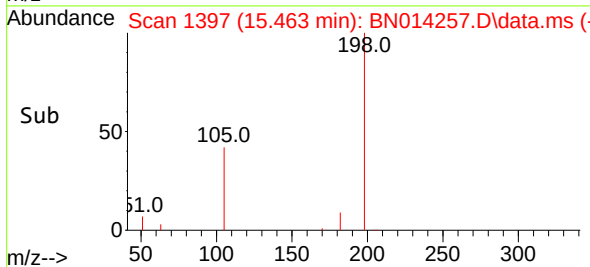
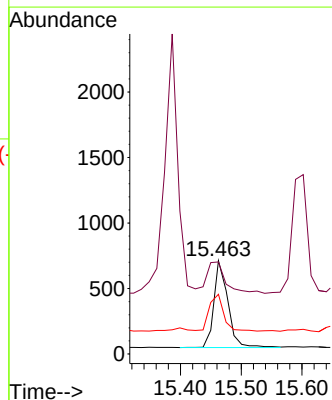
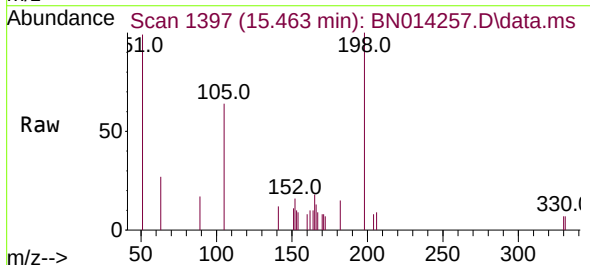
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

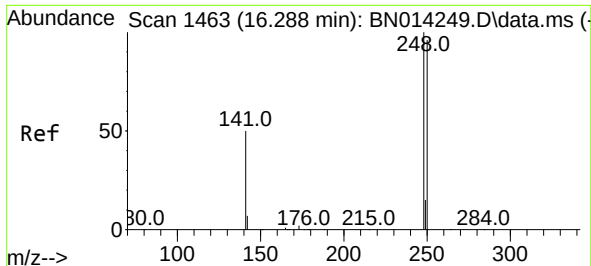
Tgt Ion:188 Resp: 24182  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 6.3 5.5 8.3



#20  
4,6-Dinitro-2-methylphenol  
Concen: 0.37 ng  
RT: 15.463 min Scan# 1397  
Delta R.T. -0.000 min  
Lab File: BN014257.D  
Acq: 09 Apr 2021 19:25

Tgt Ion:198 Resp: 1064  
Ion Ratio Lower Upper  
198 100  
51 98.6 76.0 114.0  
105 64.0 53.5 80.3

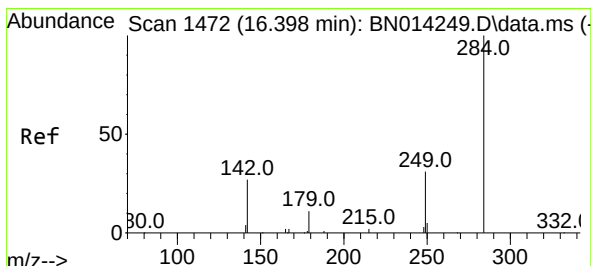
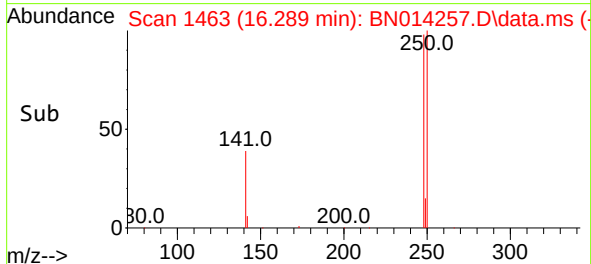
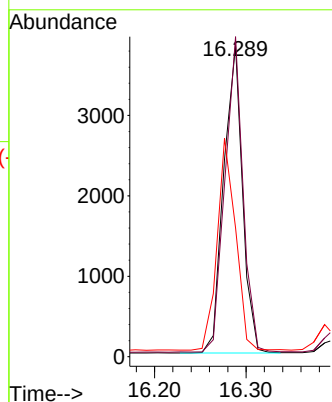
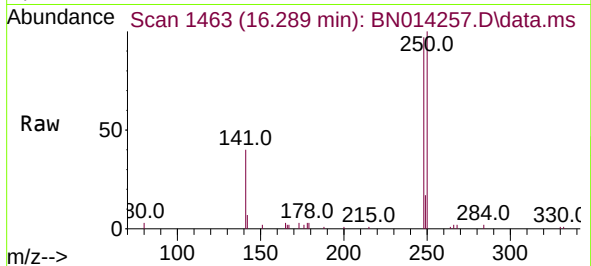




#21  
4-Bromophenyl-phenylether  
Concen: 0.44 ng  
RT: 16.289 min Scan# 1463  
Delta R.T. 0.000 min  
Lab File: BN014257.D  
Acq: 09 Apr 2021 19:25

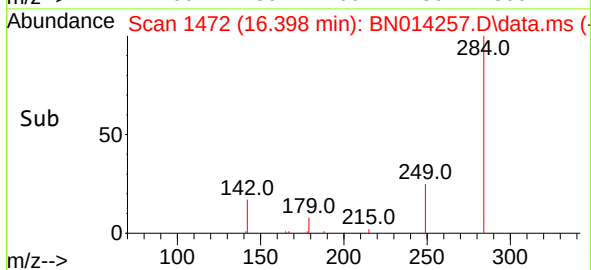
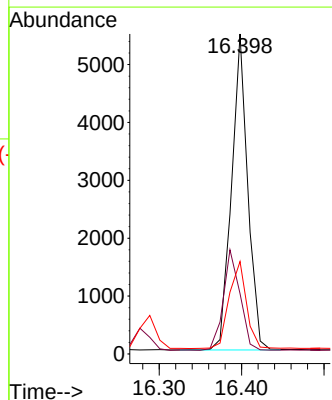
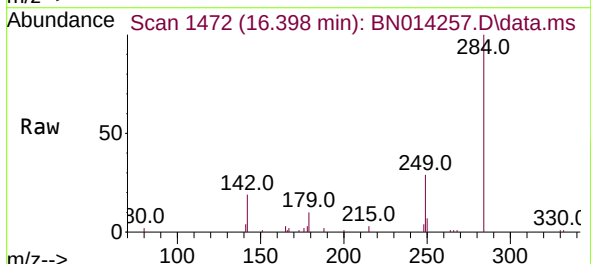
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

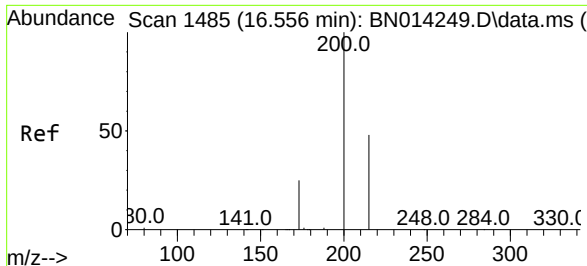
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 248   | Resp: | 5446  |
| Ion Ratio | Lower | Upper |       |
| 248       | 100   |       |       |
| 250       | 102.8 | 76.9  | 115.3 |
| 141       | 41.4  | 41.4  | 62.0  |



#22  
Hexachlorobenzene  
Concen: 0.47 ng  
RT: 16.398 min Scan# 1472  
Delta R.T. 0.000 min  
Lab File: BN014257.D  
Acq: 09 Apr 2021 19:25

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 284   | Resp: | 7461 |
| Ion Ratio | Lower | Upper |      |
| 284       | 100   |       |      |
| 142       | 32.7  | 26.2  | 39.4 |
| 249       | 29.5  | 23.8  | 35.8 |

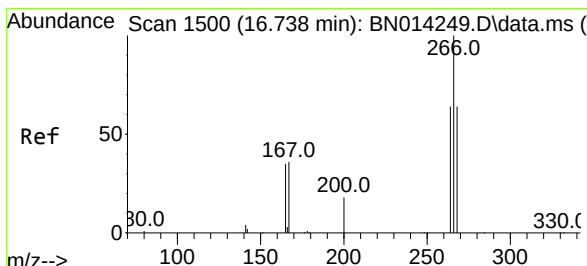
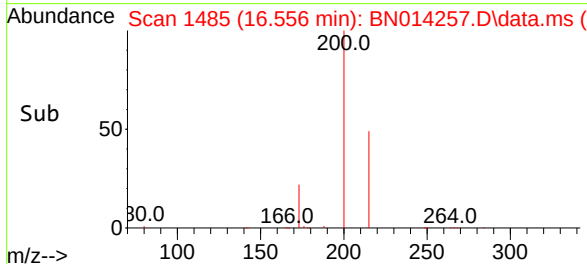
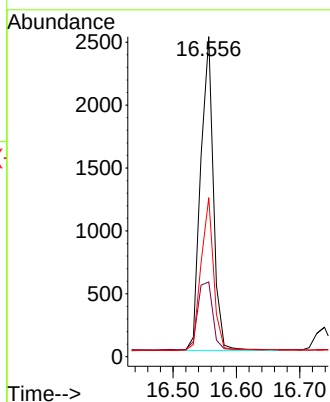
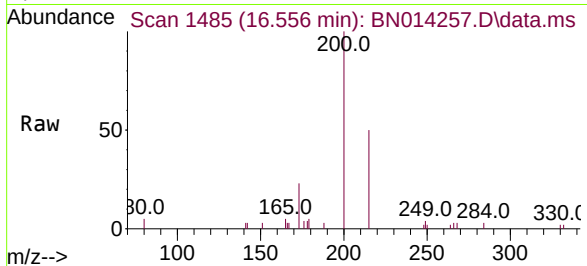




#23  
Atrazine  
Concen: 0.38 ng  
RT: 16.556 min Scan# 1485  
Delta R.T. 0.000 min  
Lab File: BN014257.D  
Acq: 09 Apr 2021 19:25

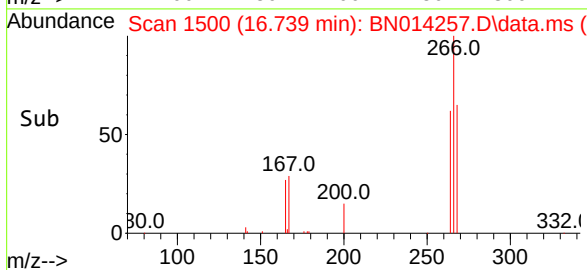
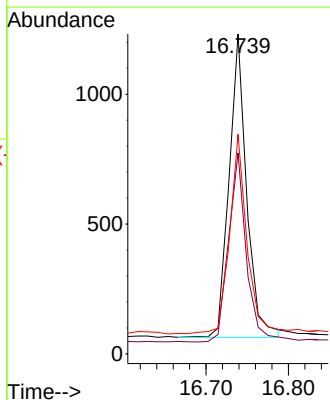
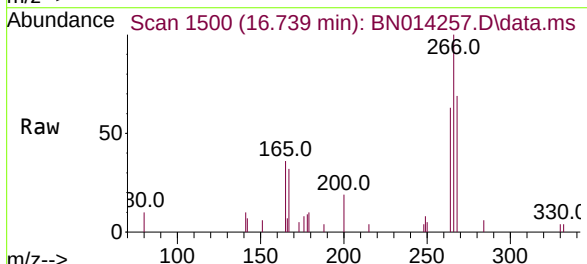
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

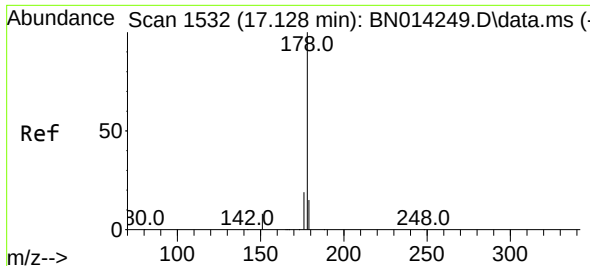
|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 200   | Resp: | 3482 |
| Ion Ratio | Lower | Upper |      |
| 200       | 100   |       |      |
| 173       | 23.3  | 20.9  | 31.3 |
| 215       | 49.7  | 39.2  | 58.8 |



#24  
Pentachlorophenol  
Concen: 0.36 ng  
RT: 16.739 min Scan# 1500  
Delta R.T. 0.000 min  
Lab File: BN014257.D  
Acq: 09 Apr 2021 19:25

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 266   | Resp: | 1731 |
| Ion Ratio | Lower | Upper |      |
| 266       | 100   |       |      |
| 264       | 62.8  | 50.3  | 75.5 |
| 268       | 64.2  | 51.8  | 77.8 |

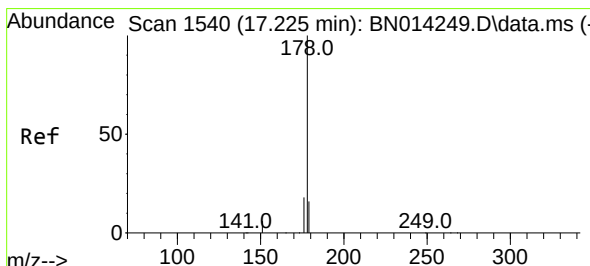
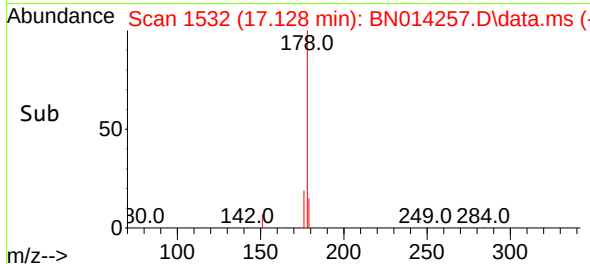
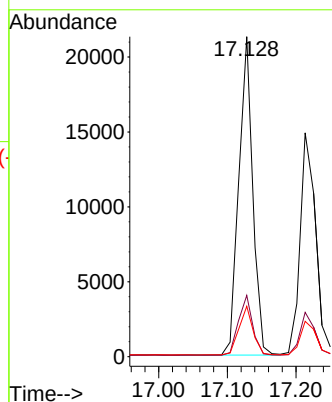
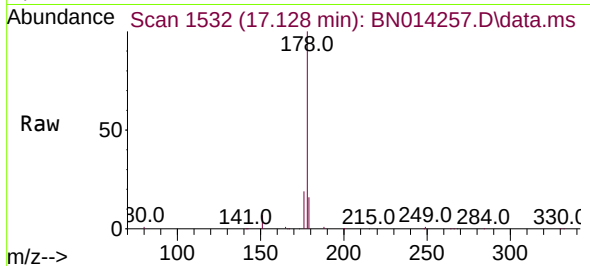




#25  
Phenanthrene  
Concen: 0.45 ng  
RT: 17.128 min Scan# 1532  
Delta R.T. 0.000 min  
Lab File: BN014257.D  
Acq: 09 Apr 2021 19:25

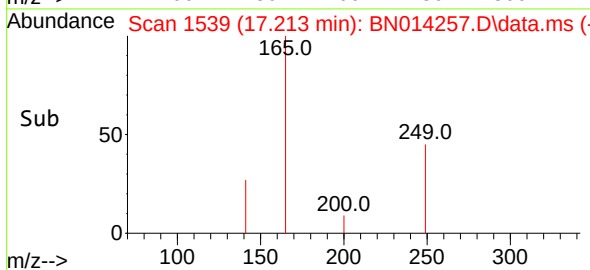
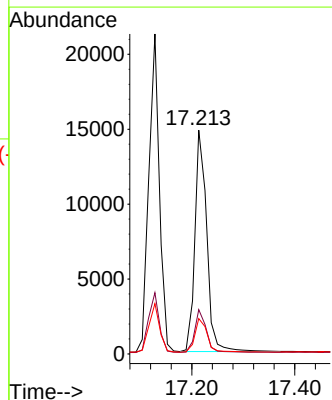
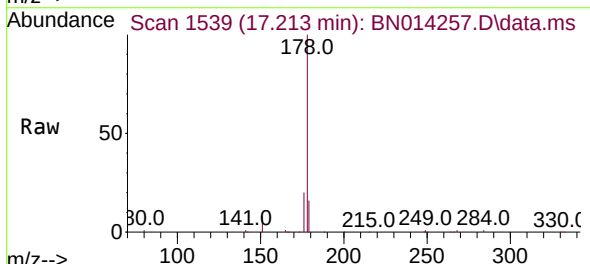
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

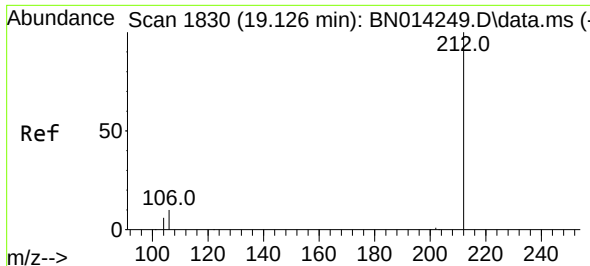
Tgt Ion:178 Resp: 30188  
Ion Ratio Lower Upper  
178 100  
176 19.0 15.3 22.9  
179 15.4 12.3 18.5



#26  
Anthracene  
Concen: 0.43 ng  
RT: 17.213 min Scan# 1539  
Delta R.T. -0.012 min  
Lab File: BN014257.D  
Acq: 09 Apr 2021 19:25

Tgt Ion:178 Resp: 23629  
Ion Ratio Lower Upper  
178 100  
176 18.9 15.0 22.4  
179 15.6 12.3 18.5

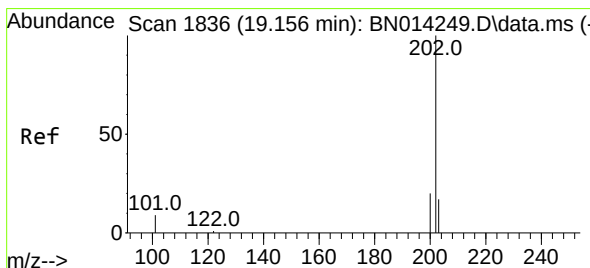
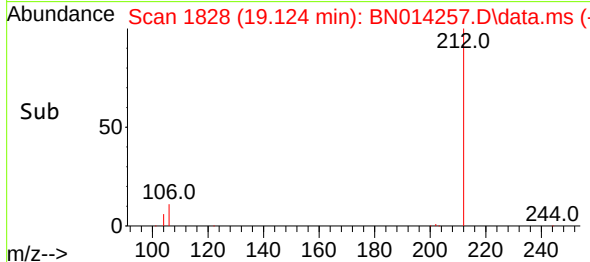
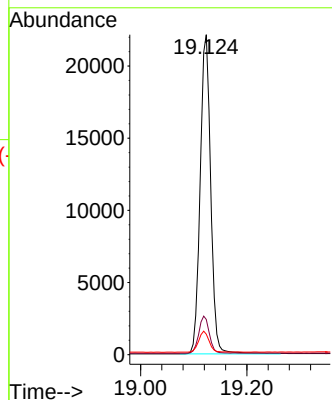
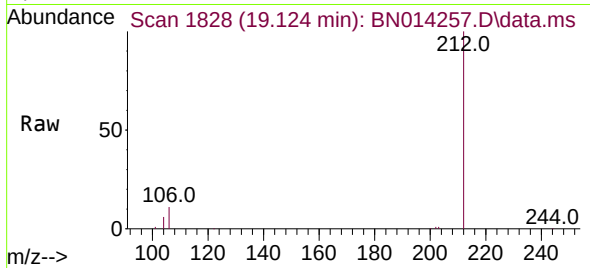




#27  
Fluoranthene-d10  
Concen: 0.43 ng  
RT: 19.124 min Scan# 1828  
Delta R.T. -0.002 min  
Lab File: BN014257.D  
Acq: 09 Apr 2021 19:25

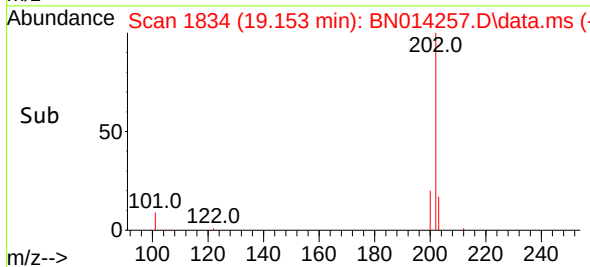
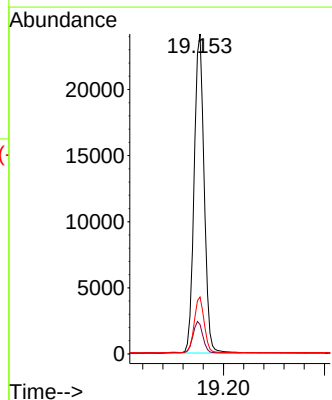
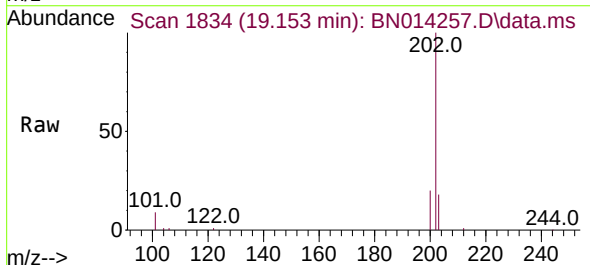
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

Tgt Ion:212 Resp: 30383  
Ion Ratio Lower Upper  
212 100  
106 11.7 9.1 13.7  
104 6.5 5.1 7.7

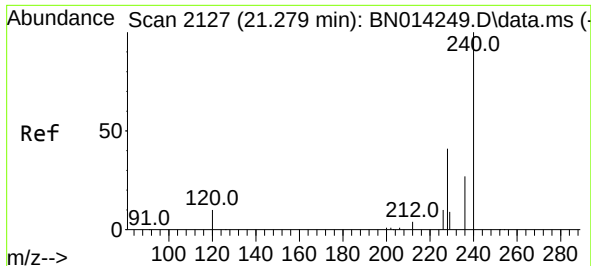


#28  
Fluoranthene  
Concen: 0.43 ng  
RT: 19.153 min Scan# 1834  
Delta R.T. -0.002 min  
Lab File: BN014257.D  
Acq: 09 Apr 2021 19:25

Tgt Ion:202 Resp: 33094  
Ion Ratio Lower Upper  
202 100  
101 9.9 7.8 11.8  
203 17.2 13.8 20.6



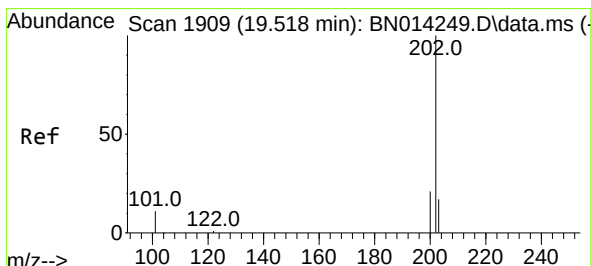
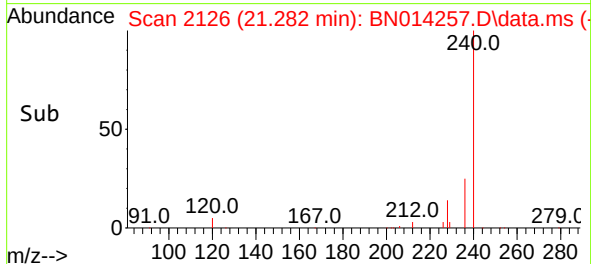
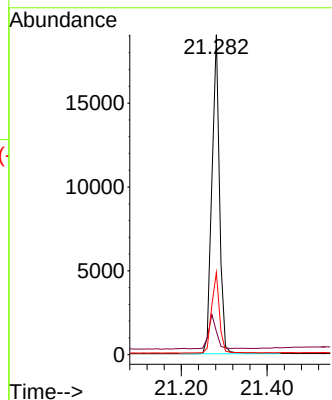
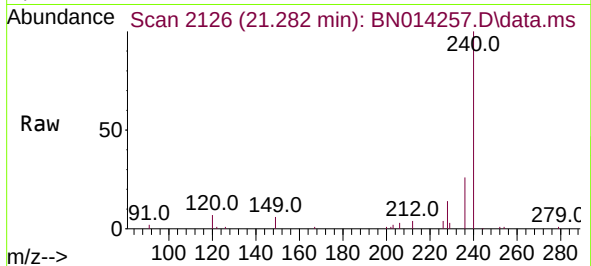




#29  
Chrysene-d12  
Concen: 0.40 ng  
RT: 21.282 min Scan# 2126  
Delta R.T. 0.003 min  
Lab File: BN014257.D  
Acq: 09 Apr 2021 19:25

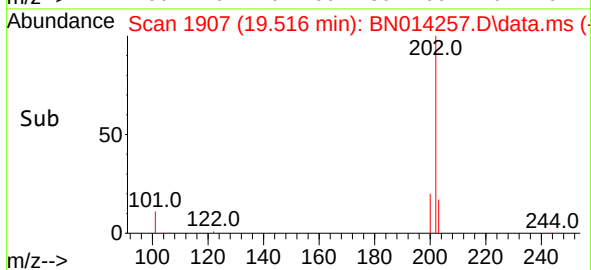
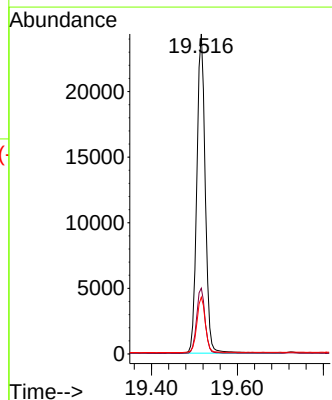
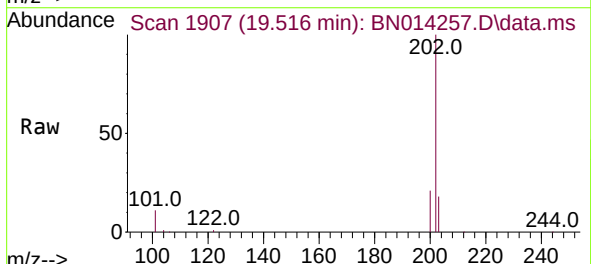
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

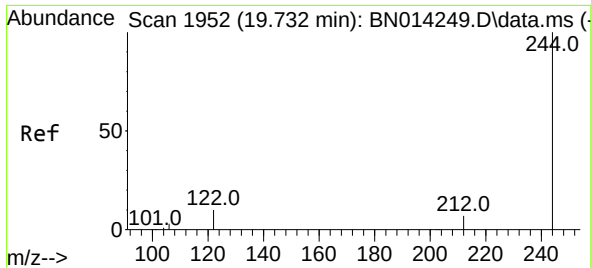
Tgt Ion:240 Resp: 23410  
Ion Ratio Lower Upper  
240 100  
120 7.3 9.4 14.2#  
236 25.7 21.7 32.5



#30  
Pyrene  
Concen: 0.45 ng  
RT: 19.516 min Scan# 1907  
Delta R.T. -0.002 min  
Lab File: BN014257.D  
Acq: 09 Apr 2021 19:25

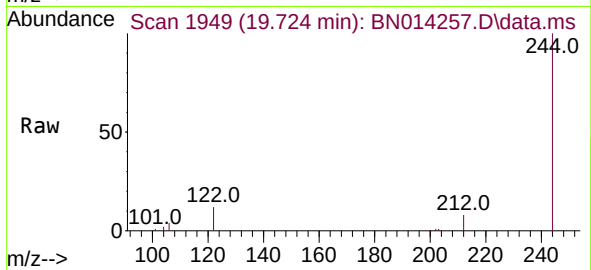
Tgt Ion:202 Resp: 33148  
Ion Ratio Lower Upper  
202 100  
200 20.4 16.5 24.7  
203 17.5 13.9 20.9



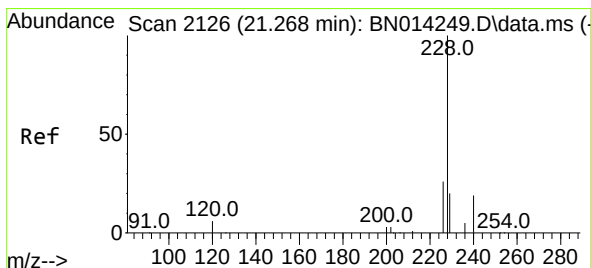
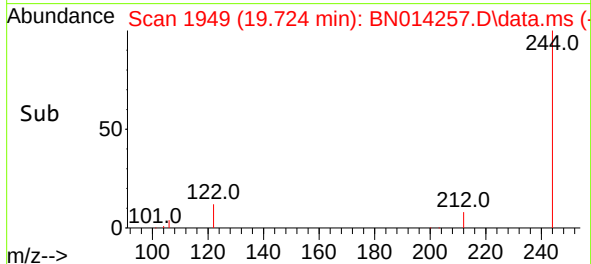
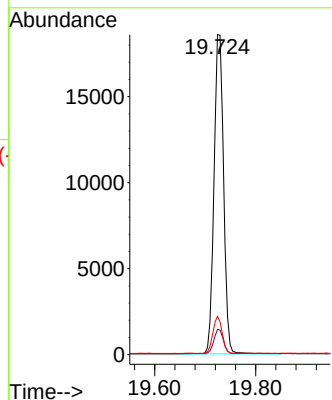


#31  
Terphenyl-d14  
Concen: 0.47 ng  
RT: 19.724 min Scan# 1949  
Delta R.T. -0.007 min  
Lab File: BN014257.D  
Acq: 09 Apr 2021 19:25

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

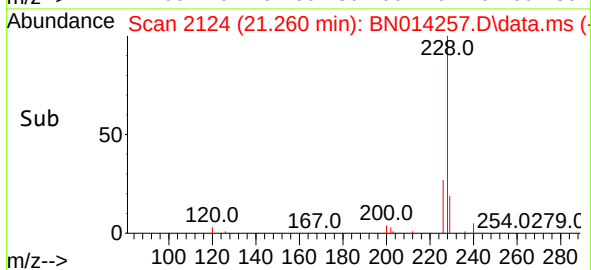
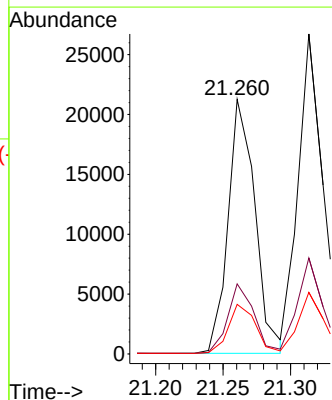
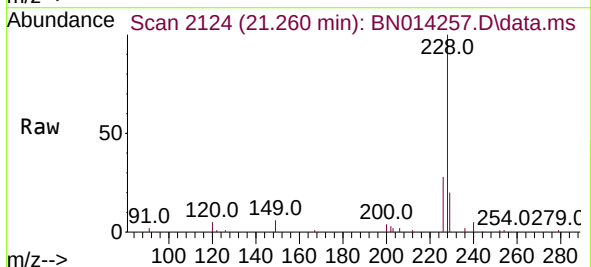


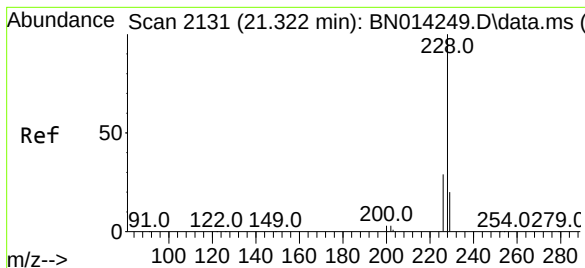
Tgt Ion:244 Resp: 24398  
Ion Ratio Lower Upper  
244 100  
212 7.9 6.1 9.1  
122 12.0 8.2 12.4



#32  
Benzo(a)anthracene  
Concen: 0.44 ng  
RT: 21.260 min Scan# 2124  
Delta R.T. -0.008 min  
Lab File: BN014257.D  
Acq: 09 Apr 2021 19:25

Tgt Ion:228 Resp: 29514  
Ion Ratio Lower Upper  
228 100  
226 27.5 21.0 31.6  
229 19.5 16.0 24.0





#33

Chrysene

Concen: 0.47 ng

RT: 21.314 min Scan# 2129

Delta R.T. -0.008 min

Lab File: BN014257.D

Acq: 09 Apr 2021 19:25

Tgt Ion:228 Resp: 33649

Ion Ratio Lower Upper

228 100

226 30.0 23.0 34.4

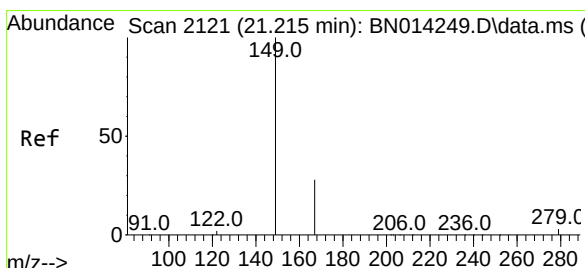
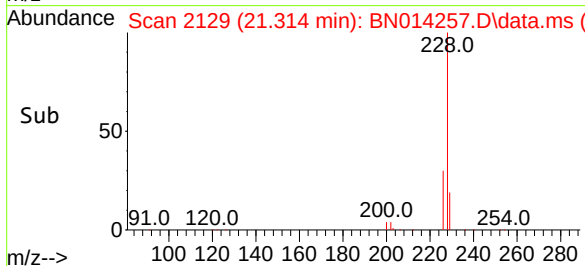
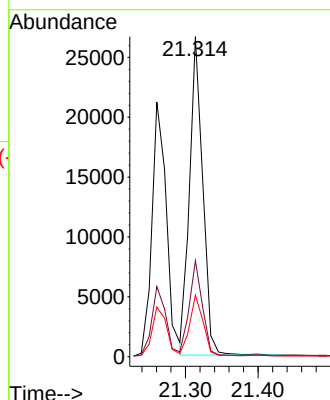
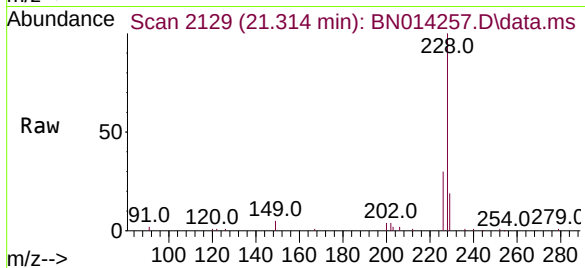
229 19.2 16.0 24.0

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4EC



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.43 ng

RT: 21.207 min Scan# 2119

Delta R.T. -0.008 min

Lab File: BN014257.D

Acq: 09 Apr 2021 19:25

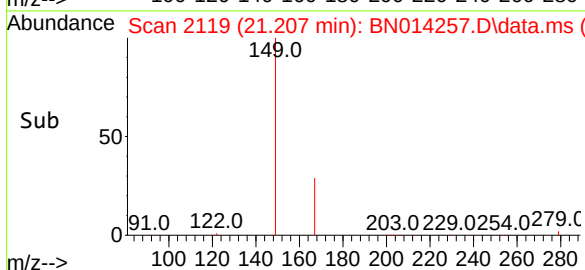
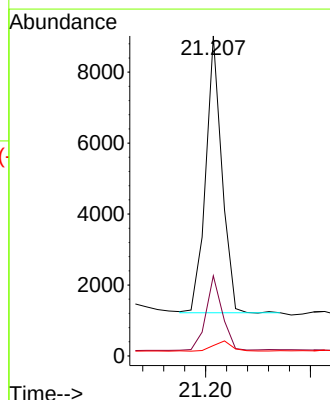
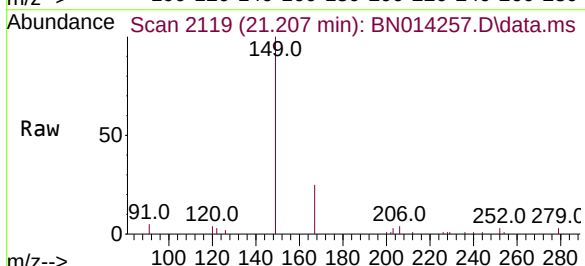
Tgt Ion:149 Resp: 8311

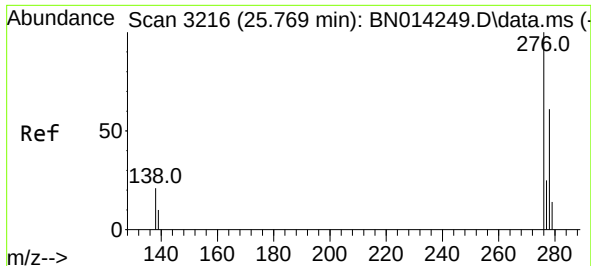
Ion Ratio Lower Upper

149 100

167 27.2 22.3 33.5

279 4.4 4.0 6.0

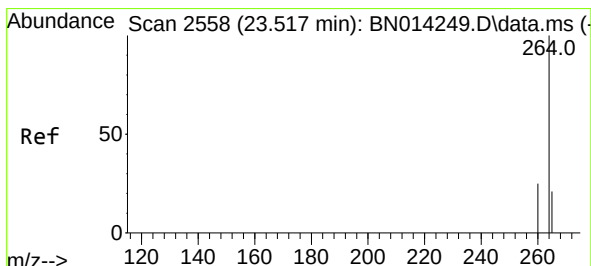
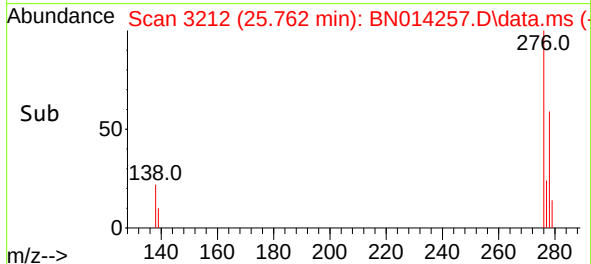
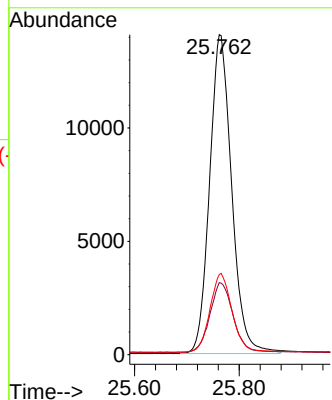
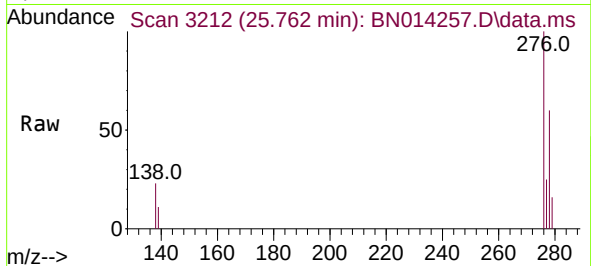




#35  
Indeno(1,2,3-cd)pyrene  
Concen: 0.48 ng  
RT: 25.762 min Scan# 3212  
Delta R.T. -0.008 min  
Lab File: BN014257.D  
Acq: 09 Apr 2021 19:25

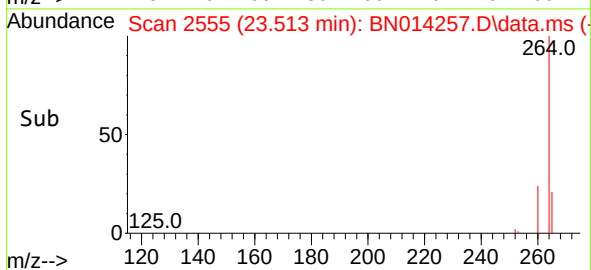
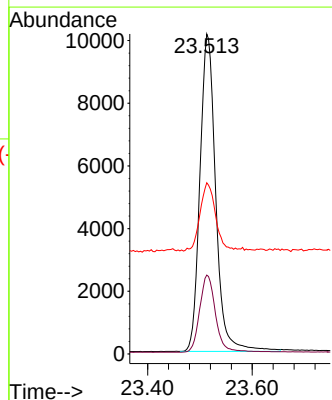
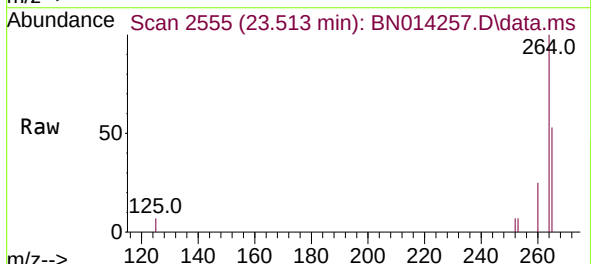
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

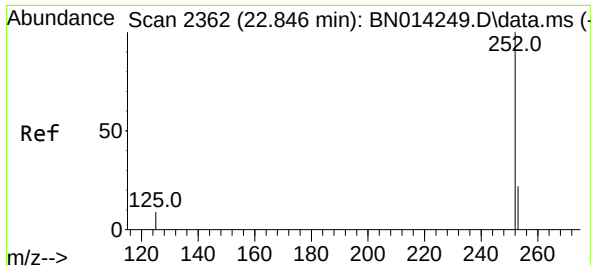
Tgt Ion:276 Resp: 41104  
Ion Ratio Lower Upper  
276 100  
138 23.0 17.9 26.9  
277 24.7 19.9 29.9



#36  
Perylene-d12  
Concen: 0.40 ng  
RT: 23.513 min Scan# 2555  
Delta R.T. -0.004 min  
Lab File: BN014257.D  
Acq: 09 Apr 2021 19:25

Tgt Ion:264 Resp: 21274  
Ion Ratio Lower Upper  
264 100  
260 24.7 19.8 29.8  
265 53.5 35.3 52.9#

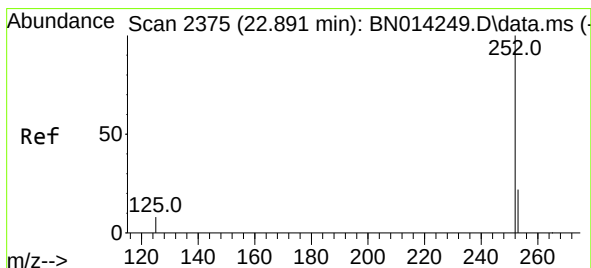
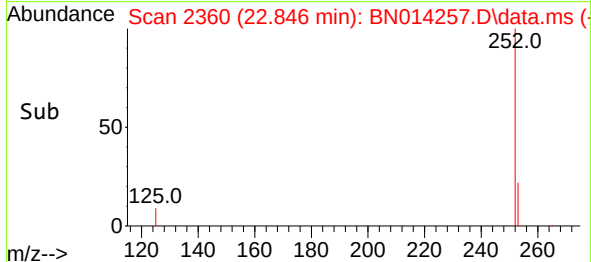
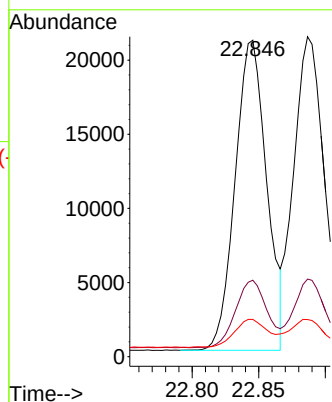
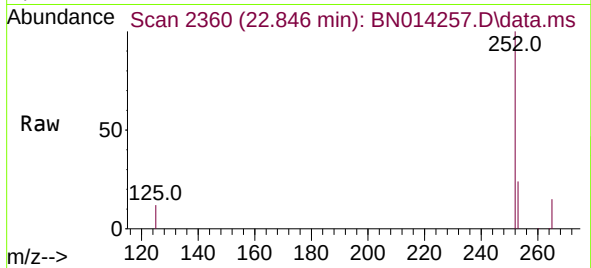




#37  
Benzo(b)fluoranthene  
Concen: 0.45 ng  
RT: 22.846 min Scan# 2360  
Delta R.T. -0.001 min  
Lab File: BN014257.D  
Acq: 09 Apr 2021 19:25

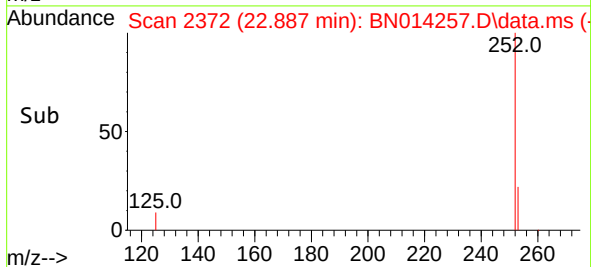
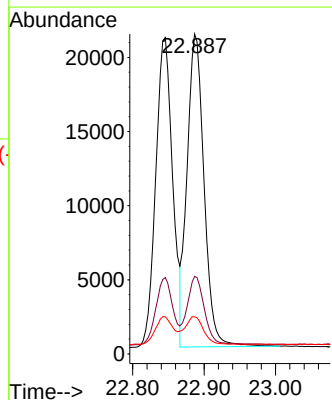
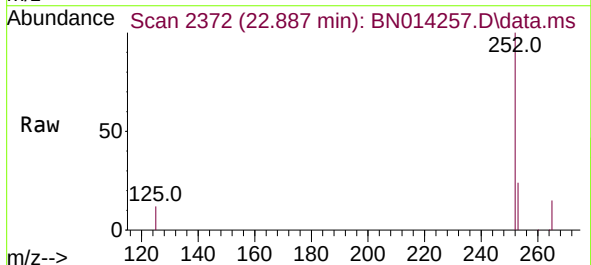
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

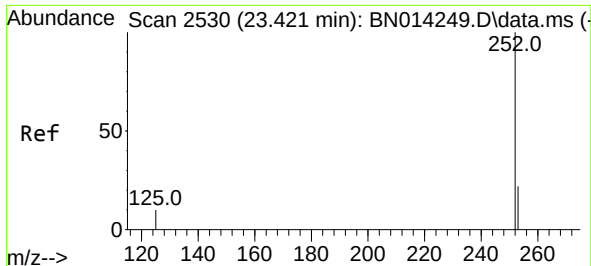
Tgt Ion:252 Resp: 34426  
Ion Ratio Lower Upper  
252 100  
253 24.2 18.8 28.2  
125 11.8 8.6 13.0



#38  
Benzo(k)fluoranthene  
Concen: 0.46 ng  
RT: 22.887 min Scan# 2372  
Delta R.T. -0.004 min  
Lab File: BN014257.D  
Acq: 09 Apr 2021 19:25

Tgt Ion:252 Resp: 34771  
Ion Ratio Lower Upper  
252 100  
253 24.3 19.0 28.4  
125 11.6 8.8 13.2





#39

Benzo(a)pyrene

Concen: 0.44 ng

RT: 23.417 min Scan# 2527

Delta R.T. -0.004 min

Lab File: BN014257.D

Acq: 09 Apr 2021 19:25

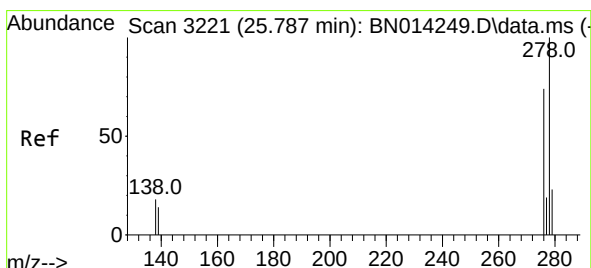
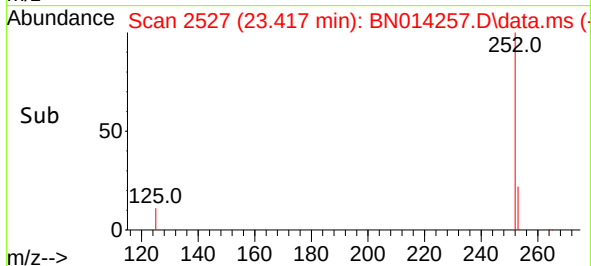
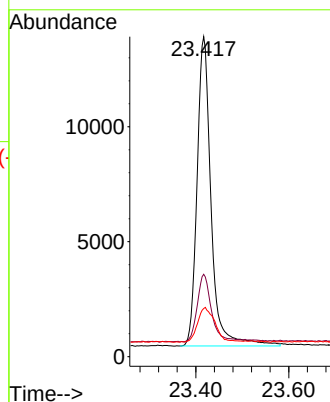
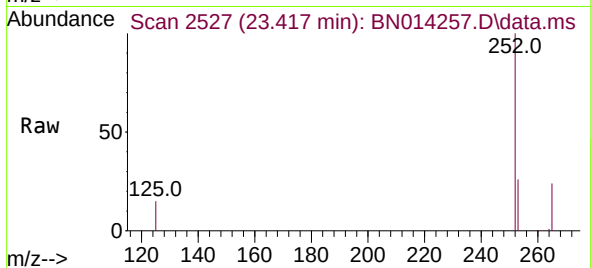
|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:252 | Resp: | 28317     |
| Ion Ratio   | Lower | Upper     |
| 252         | 100   |           |
| 253         | 25.7  | 19.9 29.9 |
| 125         | 15.1  | 10.4 15.6 |

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4EC



#40

Dibenzo(a,h)anthracene

Concen: 0.47 ng

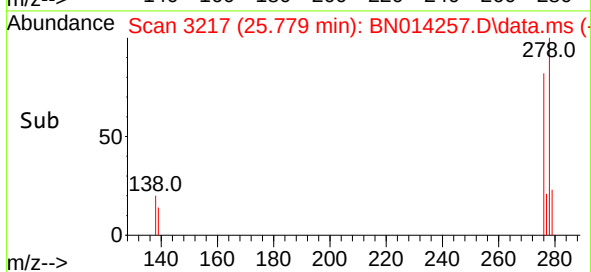
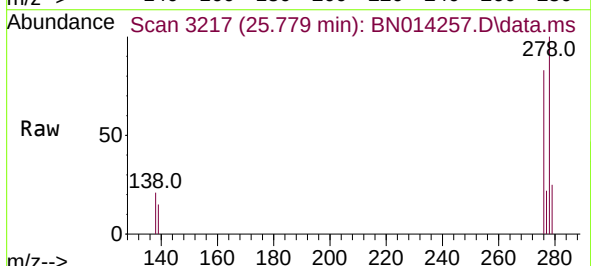
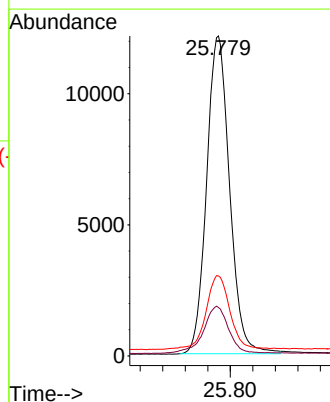
RT: 25.779 min Scan# 3217

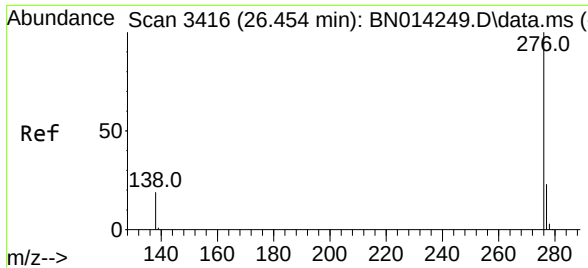
Delta R.T. -0.008 min

Lab File: BN014257.D

Acq: 09 Apr 2021 19:25

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:278 | Resp: | 34347     |
| Ion Ratio   | Lower | Upper     |
| 278         | 100   |           |
| 139         | 15.2  | 11.9 17.9 |
| 279         | 25.0  | 19.9 29.9 |





#41  
 Benzo(g,h,i)perylene  
 Concen: 0.47 ng  
 RT: 26.443 min Scan# 3411  
 Delta R.T. -0.011 min  
 Lab File: BN014257.D  
 Acq: 09 Apr 2021 19:25

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC0.4EC

Tgt Ion:276 Resp: 34690  
 Ion Ratio Lower Upper  
 276 100  
 277 24.6 19.3 28.9  
 138 20.1 15.7 23.5

