

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN021521\  
 Data File : BN013621.D  
 Acq On : 15 Feb 2021 13:22  
 Operator : CG/JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC0.4

Quant Time: Feb 15 14:06:06 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN020821.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Feb 08 15:13:18 2021  
 Response via : Initial Calibration

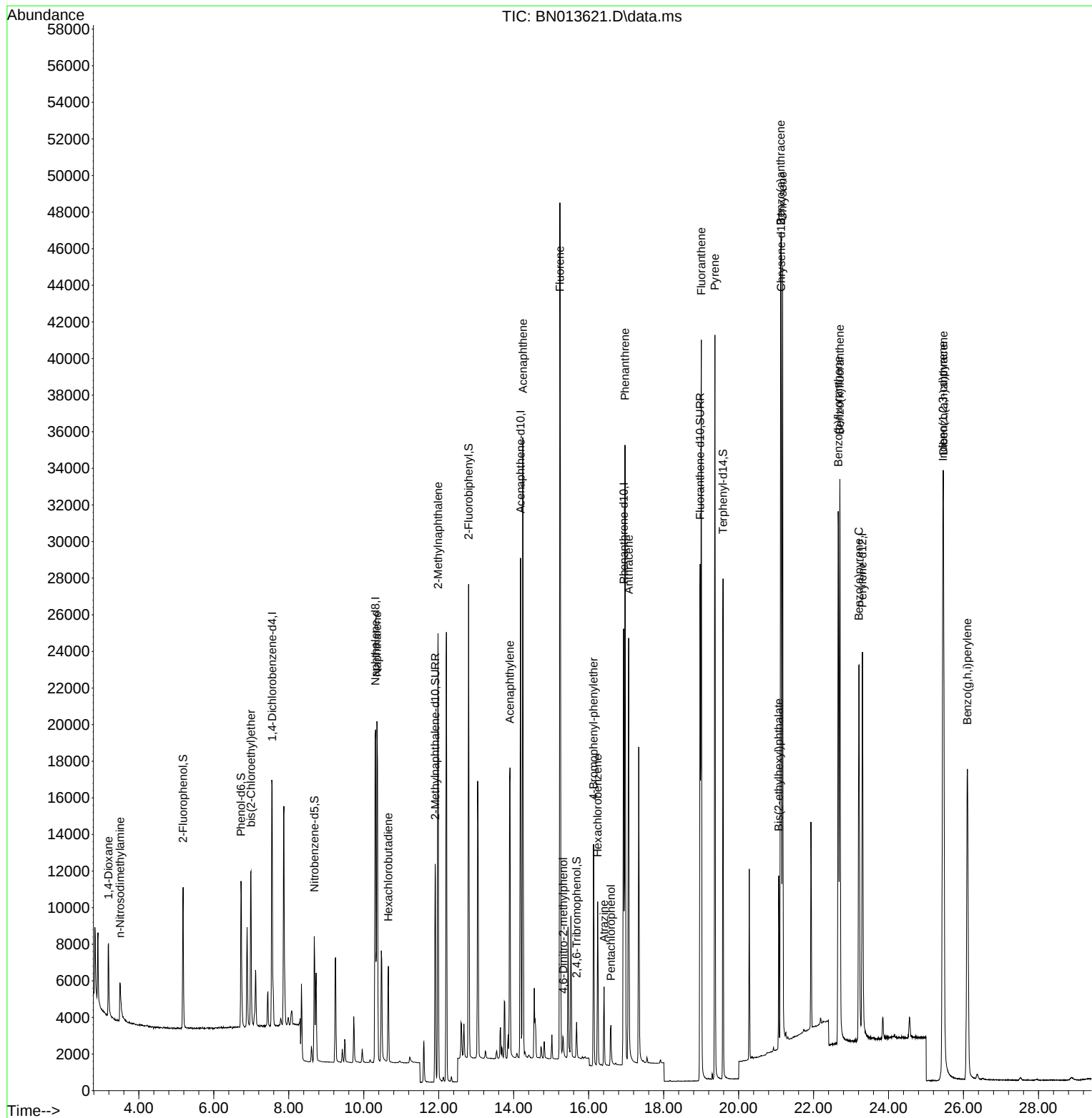
| Compound                      | R.T.   | QIon | Response | Conc | Units | Dev(Min) |
|-------------------------------|--------|------|----------|------|-------|----------|
| -----                         |        |      |          |      |       |          |
| Internal Standards            |        |      |          |      |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.555  | 152  | 6743     | 0.40 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.315 | 136  | 27280    | 0.40 | ng    | # 0.00   |
| 13) Acenaphthene-d10          | 14.181 | 164  | 15162    | 0.40 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 16.934 | 188  | 32292    | 0.40 | ng    | # 0.00   |
| 29) Chrysene-d12              | 21.133 | 240  | 30326    | 0.40 | ng    | 0.00     |
| 36) Perylene-d12              | 23.304 | 264  | 27830    | 0.40 | ng    | # 0.00   |
| System Monitoring Compounds   |        |      |          |      |       |          |
| 4) 2-Fluorophenol             | 5.180  | 112  | 6200     | 0.42 | ng    | 0.00     |
| 5) Phenol-d6                  | 6.726  | 99   | 7768     | 0.43 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 8.680  | 82   | 5676     | 0.37 | ng    | -0.01    |
| 11) 2-Methylnaphthalene-d10   | 11.906 | 152  | 16439    | 0.39 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.678 | 330  | 1510     | 0.35 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 12.798 | 172  | 22046    | 0.39 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 18.975 | 212  | 33105    | 0.38 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.585 | 244  | 27327    | 0.41 | ng    | 0.00     |
| Target Compounds              |        |      |          |      |       |          |
|                               |        |      |          |      |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.190  | 88   | 2864     | 0.38 | ng    | 99       |
| 3) n-Nitrosodimethylamine     | 3.496  | 42   | 2187     | 0.40 | ng    | # 96     |
| 6) bis(2-Chloroethyl)ether    | 6.992  | 93   | 6657     | 0.41 | ng    | 98       |
| 9) Naphthalene                | 10.353 | 128  | 25995    | 0.39 | ng    | 99       |
| 10) Hexachlorobutadiene       | 10.657 | 225  | 4370     | 0.39 | ng    | # 100    |
| 12) 2-Methylnaphthalene       | 11.982 | 142  | 17904    | 0.39 | ng    | 98       |
| 16) Acenaphthylene            | 13.902 | 152  | 21074    | 0.36 | ng    | 100      |
| 17) Acenaphthene              | 14.245 | 154  | 16260    | 0.39 | ng    | 99       |
| 18) Fluorene                  | 15.234 | 166  | 20249    | 0.39 | ng    | 100      |
| 20) 4,6-Dinitro-2-methylph... | 15.323 | 198  | 1103     | 0.39 | ng    | 91       |
| 21) 4-Bromophenyl-phenylether | 16.130 | 248  | 6001     | 0.38 | ng    | # 92     |
| 22) Hexachlorobenzene         | 16.240 | 284  | 6709     | 0.38 | ng    | 99       |
| 23) Atrazine                  | 16.410 | 200  | 3537     | 0.35 | ng    | 97       |
| 24) Pentachlorophenol         | 16.593 | 266  | 1436     | 0.47 | ng    | 94       |
| 25) Phenanthrene              | 16.970 | 178  | 33574    | 0.38 | ng    | 100      |
| 26) Anthracene                | 17.067 | 178  | 26814    | 0.37 | ng    | 99       |
| 28) Fluoranthene              | 19.005 | 202  | 36541    | 0.38 | ng    | 99       |
| 30) Pyrene                    | 19.367 | 202  | 36806    | 0.41 | ng    | 100      |
| 32) Benzo(a)anthracene        | 21.122 | 228  | 30115    | 0.37 | ng    | 99       |
| 33) Chrysene                  | 21.176 | 228  | 37557    | 0.41 | ng    | 98       |
| 34) Bis(2-ethylhexyl)phtha... | 21.069 | 149  | 8616     | 0.36 | ng    | 100      |
| 35) Indeno(1,2,3-cd)pyrene    | 25.450 | 276  | 39397    | 0.41 | ng    | 98       |
| 37) Benzo(b)fluoranthene      | 22.657 | 252  | 36496    | 0.38 | ng    | 96       |
| 38) Benzo(k)fluoranthene      | 22.702 | 252  | 37469    | 0.38 | ng    | # 95     |
| 39) Benzo(a)pyrene            | 23.208 | 252  | 30736    | 0.38 | ng    | # 94     |
| 40) Dibenzo(a,h)anthracene    | 25.464 | 278  | 33085    | 0.38 | ng    | 98       |
| 41) Benzo(g,h,i)perylene      | 26.104 | 276  | 34707    | 0.38 | ng    | 99       |
| -----                         |        |      |          |      |       |          |

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

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Instrument :  
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
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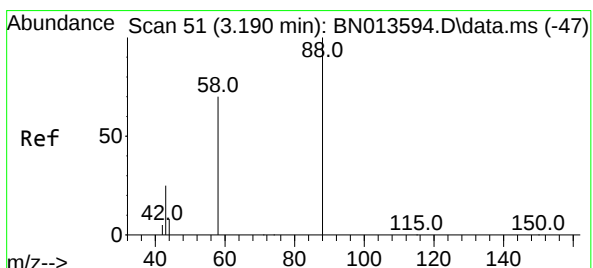
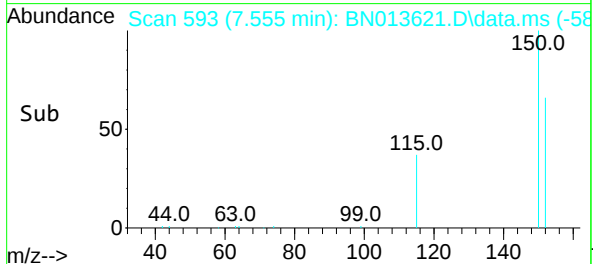
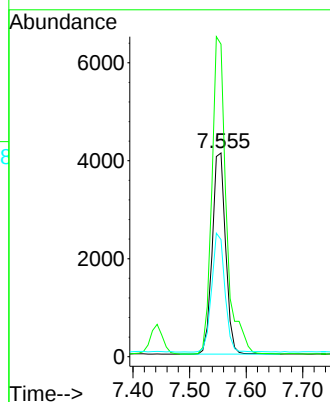
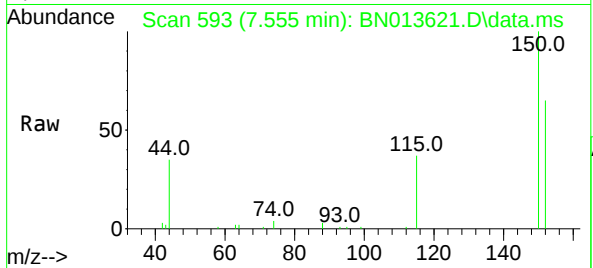




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.40 ng  
 RT: 7.555 min Scan# 593  
 Delta R.T. 0.000 min  
 Lab File: BN013621.D  
 Acq: 15 Feb 2021 13:22

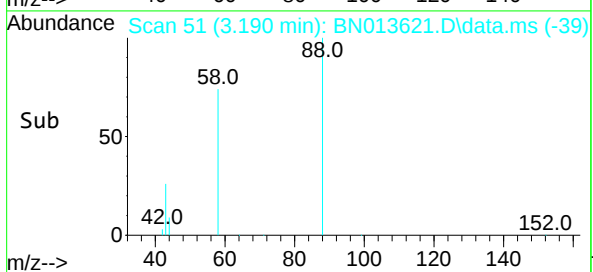
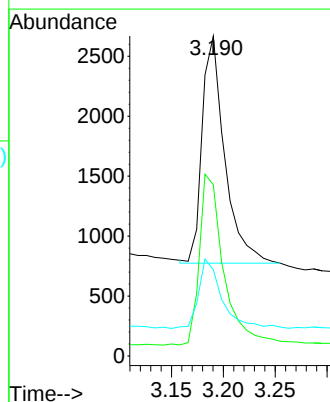
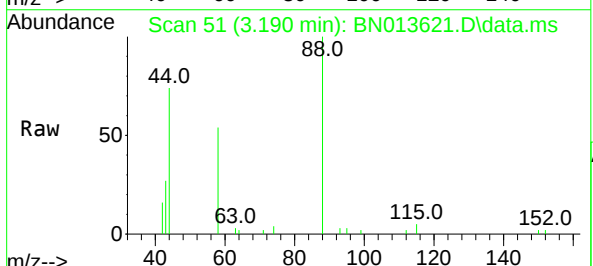
Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC0.4

Tgt Ion:152 Resp: 6743  
 Ion Ratio Lower Upper  
 152 100  
 150 153.4 121.8 182.8  
 115 57.5 46.6 69.8



#2  
 1,4-Dioxane  
 Concen: 0.38 ng  
 RT: 3.190 min Scan# 51  
 Delta R.T. 0.000 min  
 Lab File: BN013621.D  
 Acq: 15 Feb 2021 13:22

Tgt Ion: 88 Resp: 2864  
 Ion Ratio Lower Upper  
 88 100  
 58 81.3 64.6 96.8  
 43 31.6 26.6 40.0

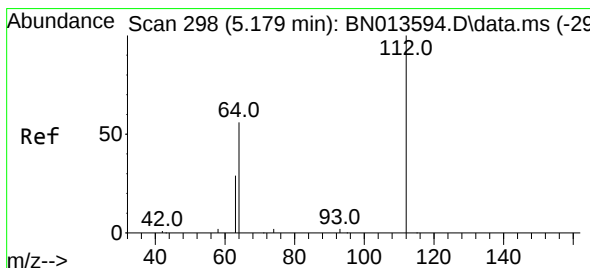
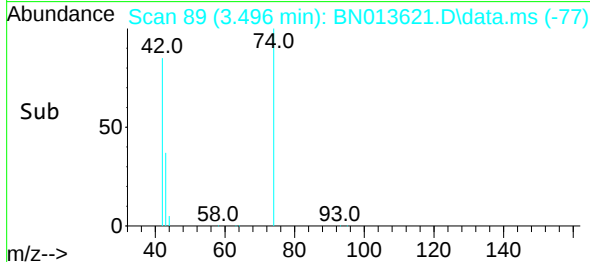
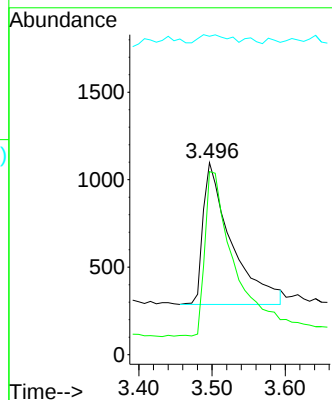
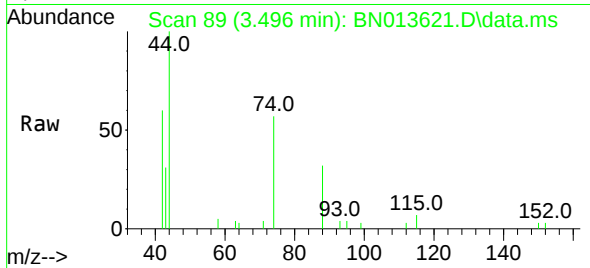




#3  
n-Nitrosodimethylamine  
Concen: 0.40 ng  
RT: 3.496 min Scan# 89  
Delta R.T. 0.000 min  
Lab File: BN013621.D  
Acq: 15 Feb 2021 13:22

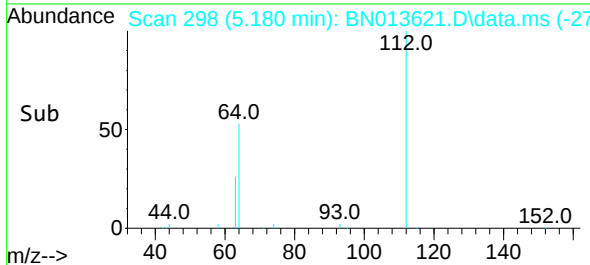
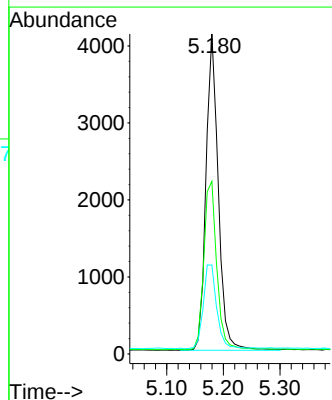
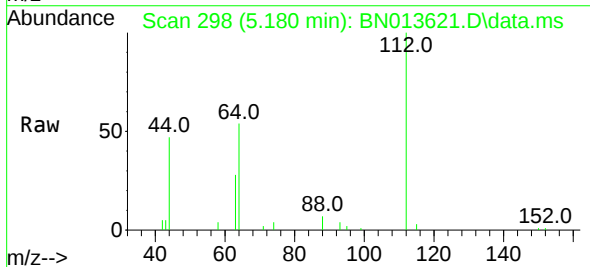
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ClientSampleId :  
SSTDCCC0.4

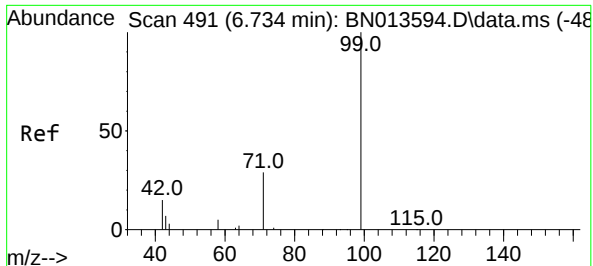
Tgt Ion: 42 Resp: 2187  
Ion Ratio Lower Upper  
42 100  
74 123.0 95.0 142.6  
44 5.4 5.8 8.8#



#4  
2-Fluorophenol  
Concen: 0.42 ng  
RT: 5.180 min Scan# 298  
Delta R.T. 0.000 min  
Lab File: BN013621.D  
Acq: 15 Feb 2021 13:22

Tgt Ion: 112 Resp: 6200  
Ion Ratio Lower Upper  
112 100  
64 56.5 44.3 66.5  
63 28.9 23.0 34.6

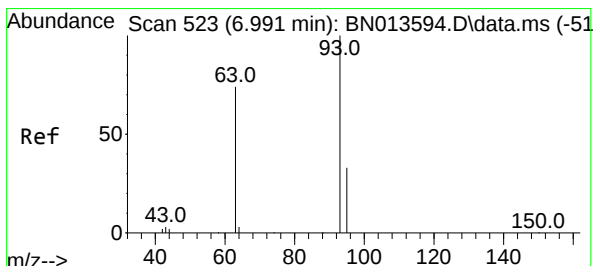
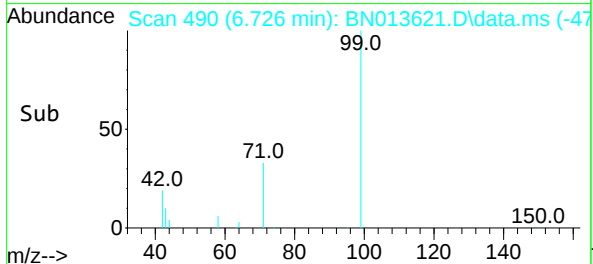
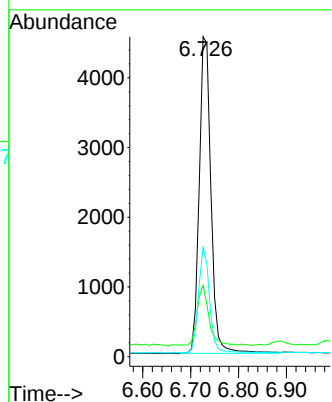
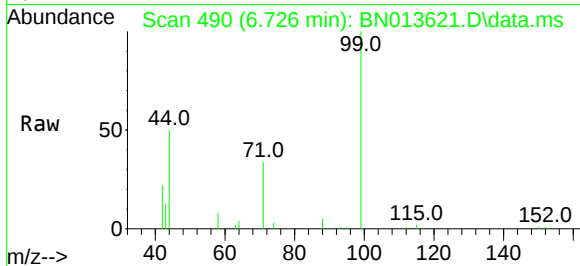




#5  
Phenol-d6  
Concen: 0.43 ng  
RT: 6.726 min Scan# 490  
Delta R.T. -0.008 min  
Lab File: BN013621.D  
Acq: 15 Feb 2021 13:22

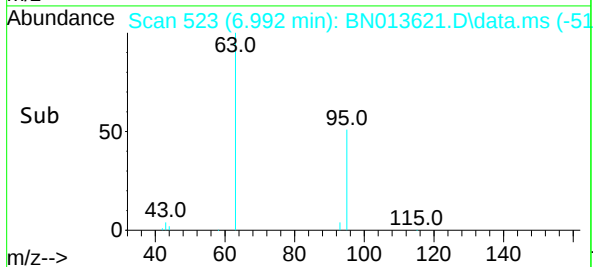
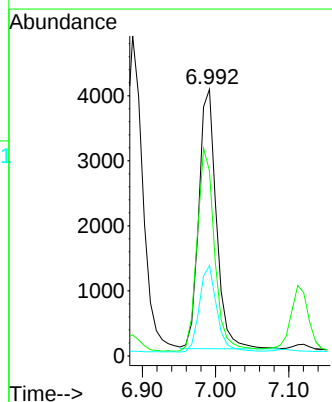
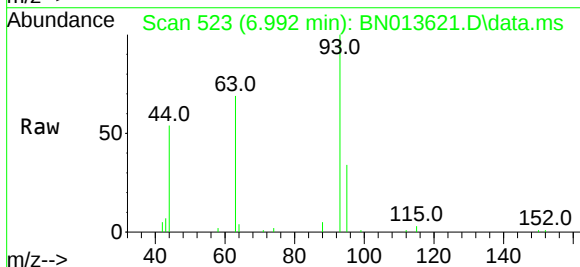
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

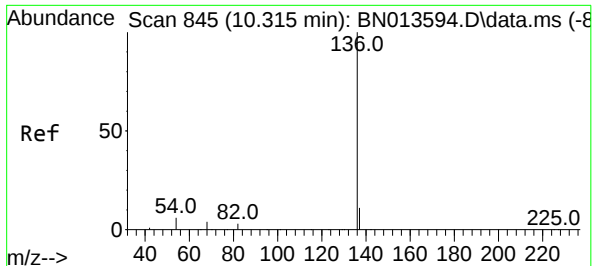
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 99    | Resp: | 7768  |
| Ion      | Ratio | Lower | Upper |
| 99       | 100   |       |       |
| 42       | 18.5  | 15.2  | 22.8  |
| 71       | 31.3  | 26.1  | 39.1  |



#6  
bis(2-Chloroethyl)ether  
Concen: 0.41 ng  
RT: 6.992 min Scan# 523  
Delta R.T. 0.000 min  
Lab File: BN013621.D  
Acq: 15 Feb 2021 13:22

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 93    | Resp: | 6657  |
| Ion      | Ratio | Lower | Upper |
| 93       | 100   |       |       |
| 63       | 77.9  | 60.8  | 91.2  |
| 95       | 33.0  | 26.0  | 39.0  |

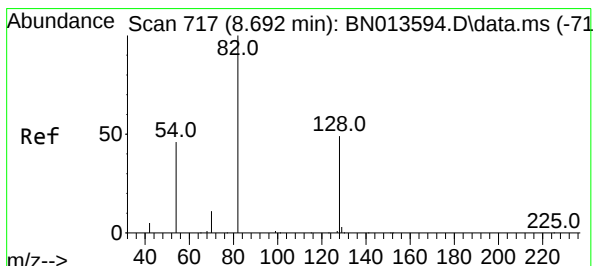
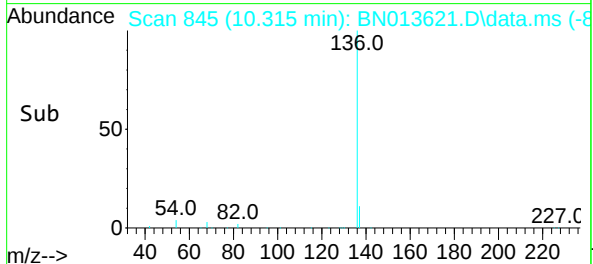
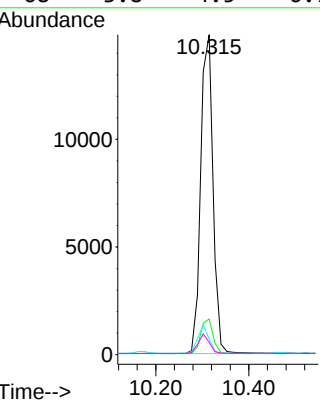
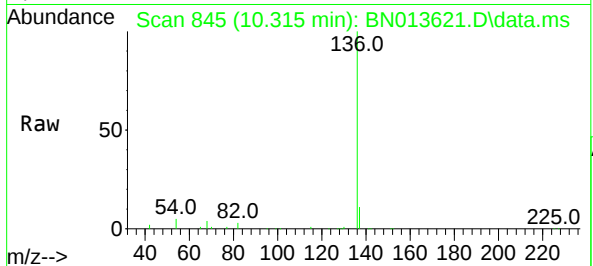




#7  
Naphthalene-d8  
Concen: 0.40 ng  
RT: 10.315 min Scan# 845  
Delta R.T. 0.000 min  
Lab File: BN013621.D  
Acq: 15 Feb 2021 13:22

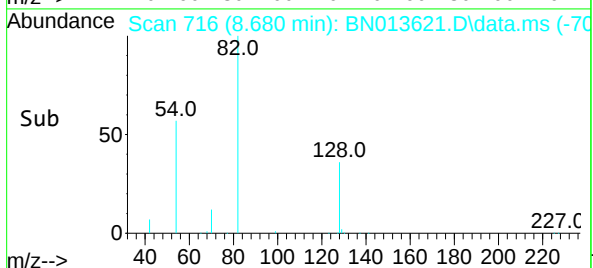
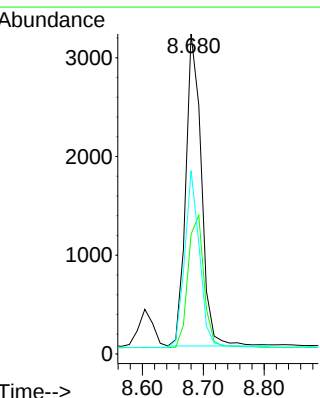
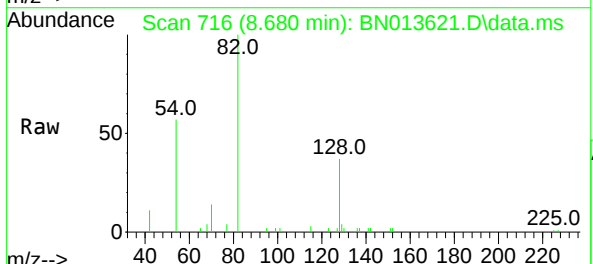
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

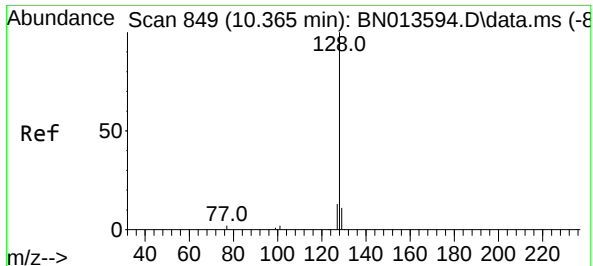
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|-----------|-------|-------|-------|
| Tgt Ion:  | 136   | Resp: | 27280 |
| Ion Ratio | Lower | Upper |       |
| 136       | 100   |       |       |
| 137       | 11.2  | 9.0   | 13.6  |
| 54        | 4.9   | 6.4   | 9.6#  |
| 68        | 3.8   | 4.5   | 6.7#  |



#8  
Nitrobenzene-d5  
Concen: 0.37 ng  
RT: 8.680 min Scan# 716  
Delta R.T. -0.013 min  
Lab File: BN013621.D  
Acq: 15 Feb 2021 13:22

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 82    | Resp: | 5676  |
| Ion Ratio | Lower | Upper |       |
| 82        | 100   |       |       |
| 128       | 37.4  | 39.2  | 58.8# |
| 54        | 57.3  | 40.1  | 60.1  |

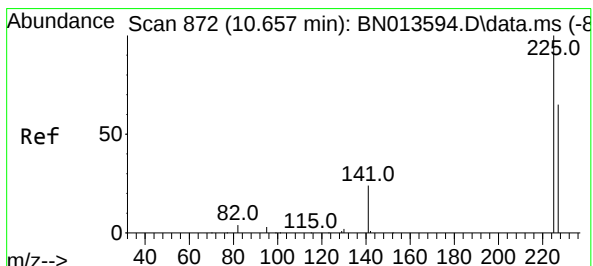
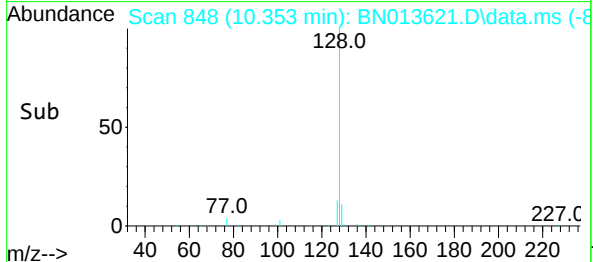
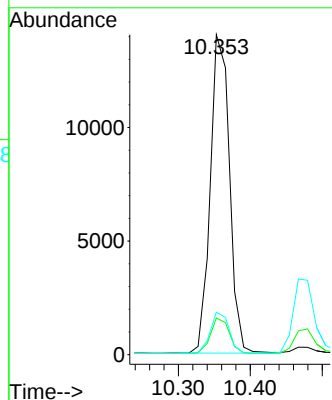
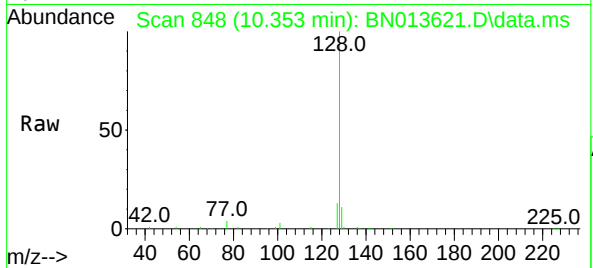




#9  
Naphthalene  
Concen: 0.39 ng  
RT: 10.353 min Scan# 848  
Delta R.T. -0.013 min  
Lab File: BN013621.D  
Acq: 15 Feb 2021 13:22

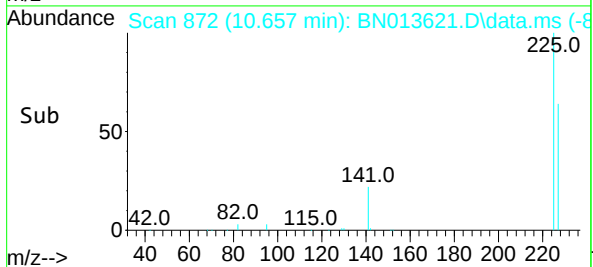
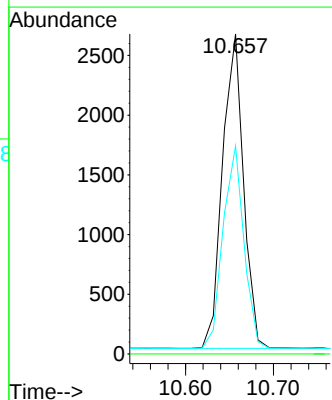
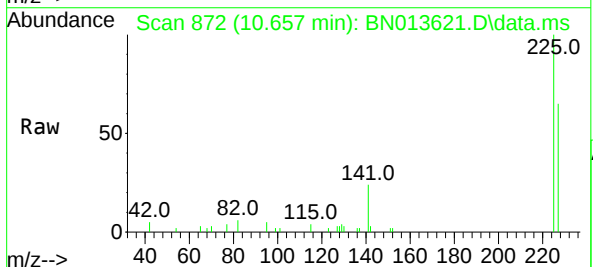
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

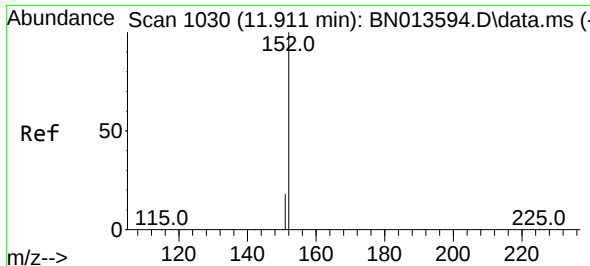
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| Tgt Ion:128 | Resp: | 25995     |
| Ion Ratio   | Lower | Upper     |
| 128         | 100   |           |
| 129         | 11.4  | 9.0 13.4  |
| 127         | 13.3  | 10.4 15.6 |



#10  
Hexachlorobutadiene  
Concen: 0.39 ng  
RT: 10.657 min Scan# 872  
Delta R.T. 0.000 min  
Lab File: BN013621.D  
Acq: 15 Feb 2021 13:22

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:225 | Resp: | 4370      |
| Ion Ratio   | Lower | Upper     |
| 225         | 100   |           |
| 223         | 0.0   | 0.0 0.0   |
| 227         | 64.1  | 51.2 76.8 |

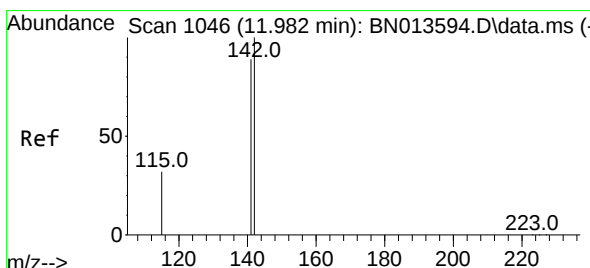
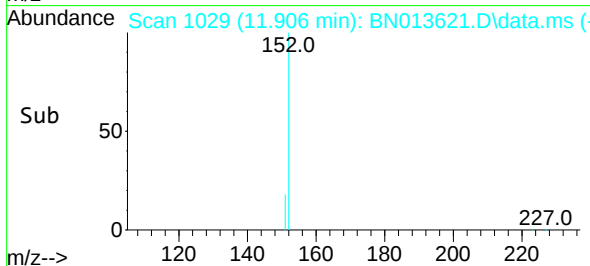
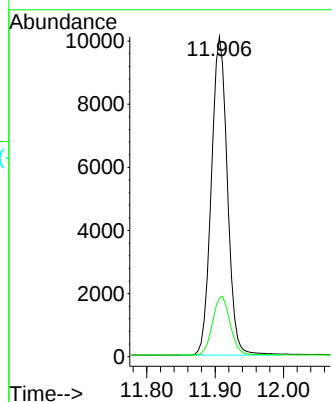
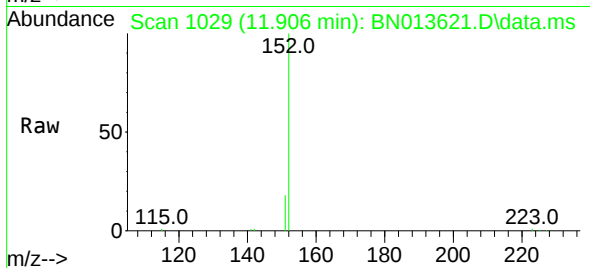




#11  
2-Methylnaphthalene-d10  
Concen: 0.39 ng  
RT: 11.906 min Scan# 1029  
Delta R.T. -0.004 min  
Lab File: BN013621.D  
Acq: 15 Feb 2021 13:22

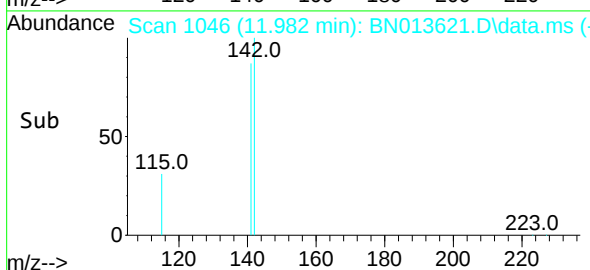
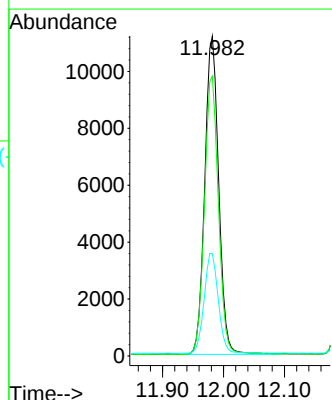
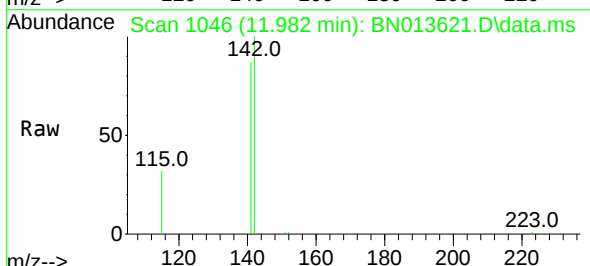
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

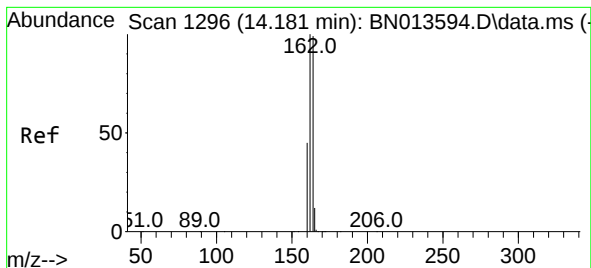
Tgt Ion:152 Resp: 16439  
Ion Ratio Lower Upper  
152 100  
151 20.3 16.2 24.2



#12  
2-Methylnaphthalene  
Concen: 0.39 ng  
RT: 11.982 min Scan# 1046  
Delta R.T. 0.000 min  
Lab File: BN013621.D  
Acq: 15 Feb 2021 13:22

Tgt Ion:142 Resp: 17904  
Ion Ratio Lower Upper  
142 100  
141 87.4 70.5 105.7  
115 31.9 27.4 41.0





#13

Acenaphthene-d10

Concen: 0.40 ng

RT: 14.181 min Scan# 1296

Delta R.T. 0.000 min

Lab File: BN013621.D

Acq: 15 Feb 2021 13:22

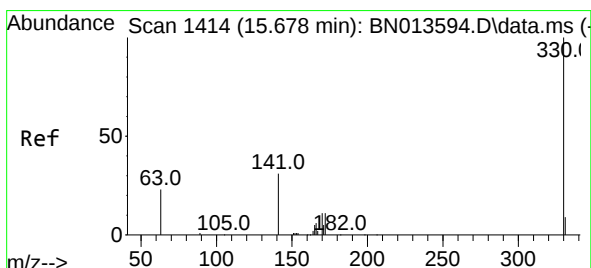
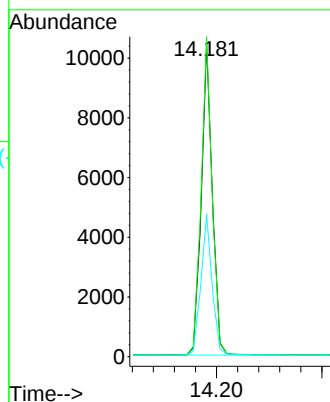
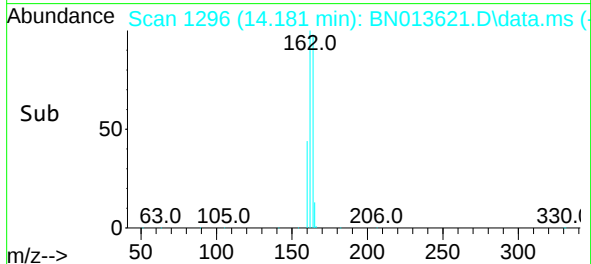
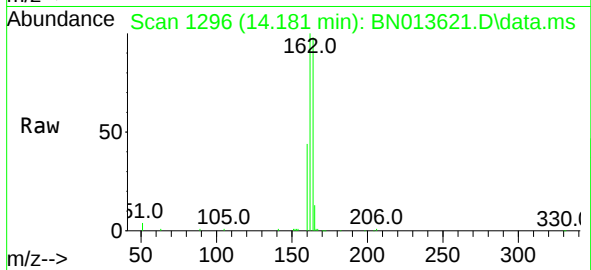
Tgt Ion:164 Resp: 15162

Ion Ratio Lower Upper

164 100

162 102.0 79.6 119.4

160 45.4 36.0 54.0



#14

2,4,6-Tribromophenol

Concen: 0.35 ng

RT: 15.678 min Scan# 1414

Delta R.T. 0.000 min

Lab File: BN013621.D

Acq: 15 Feb 2021 13:22

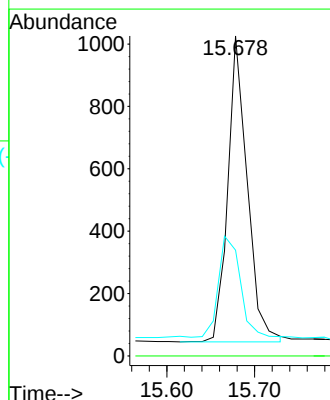
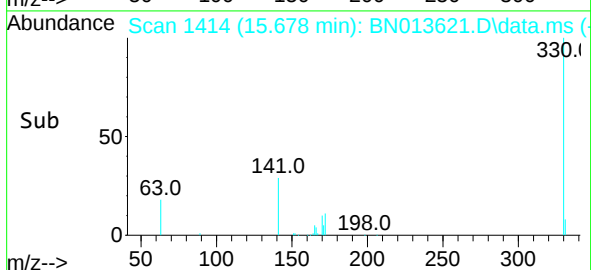
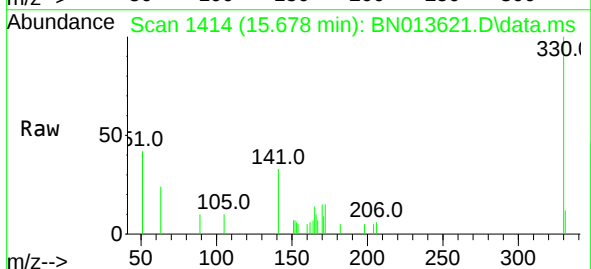
Tgt Ion:330 Resp: 1510

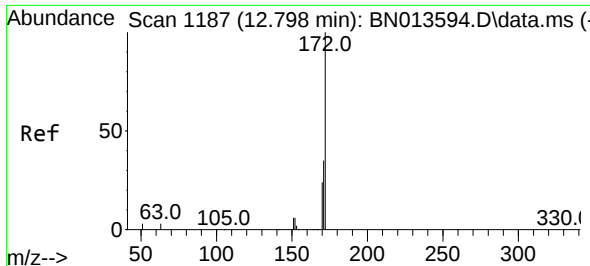
Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

141 36.4 26.8 40.2

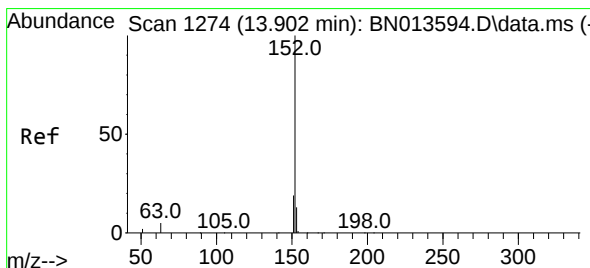
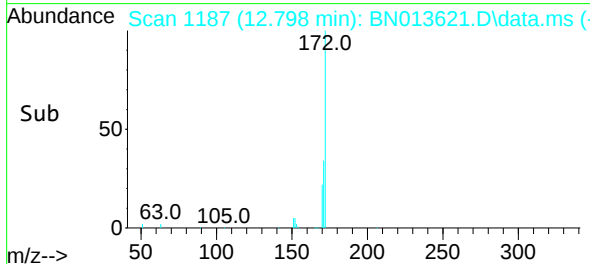
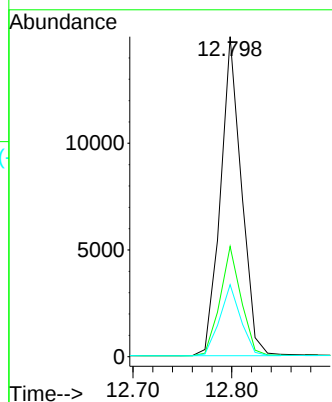
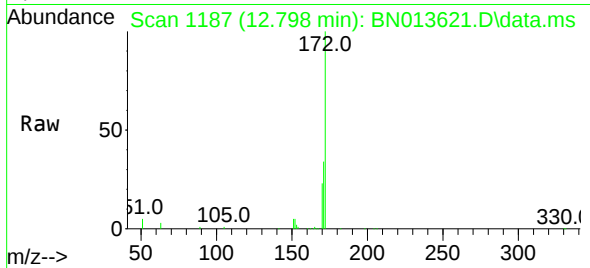




#15  
2-Fluorobiphenyl  
Concen: 0.39 ng  
RT: 12.798 min Scan# 1187  
Delta R.T. 0.000 min  
Lab File: BN013621.D  
Acq: 15 Feb 2021 13:22

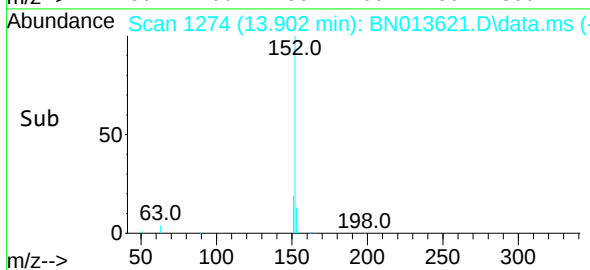
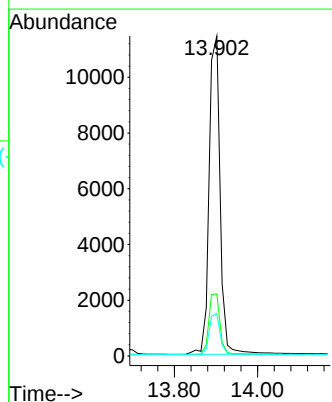
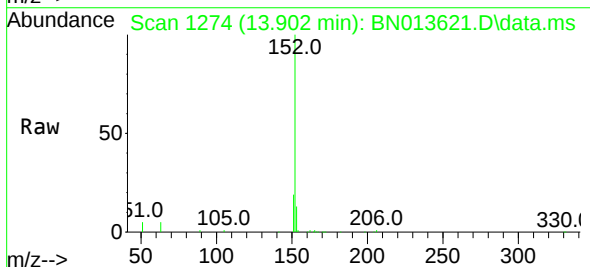
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

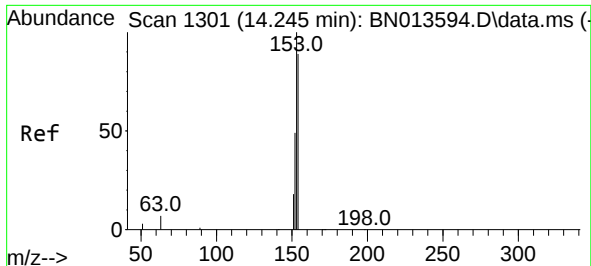
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 172   | Resp: | 22046 |
| Ion Ratio | Lower | Upper |       |
| 172       | 100   |       |       |
| 171       | 34.5  | 28.6  | 42.8  |
| 170       | 22.5  | 18.9  | 28.3  |



#16  
Acenaphthylene  
Concen: 0.36 ng  
RT: 13.902 min Scan# 1274  
Delta R.T. 0.000 min  
Lab File: BN013621.D  
Acq: 15 Feb 2021 13:22

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 152   | Resp: | 21074 |
| Ion Ratio | Lower | Upper |       |
| 152       | 100   |       |       |
| 151       | 19.6  | 15.7  | 23.5  |
| 153       | 13.0  | 10.5  | 15.7  |

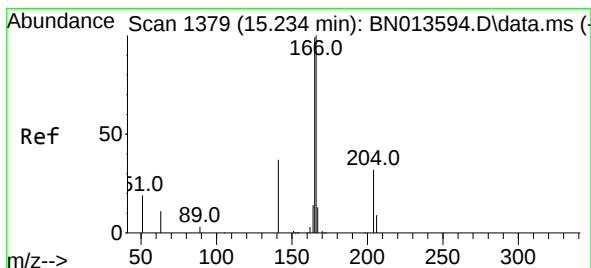
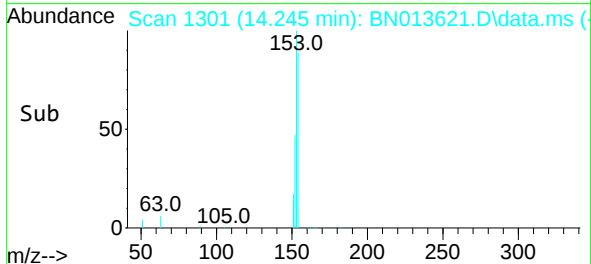
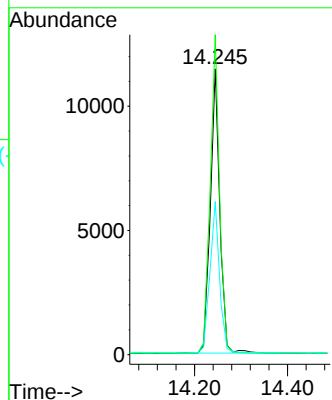
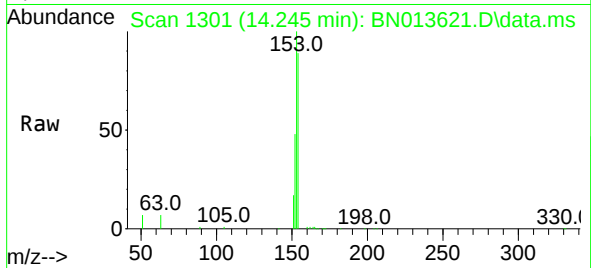




#17  
Acenaphthene  
Concen: 0.39 ng  
RT: 14.245 min Scan# 1301  
Delta R.T. 0.000 min  
Lab File: BN013621.D  
Acq: 15 Feb 2021 13:22

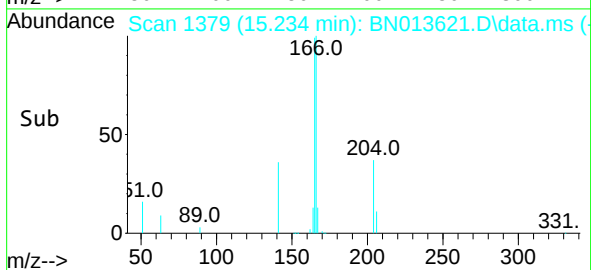
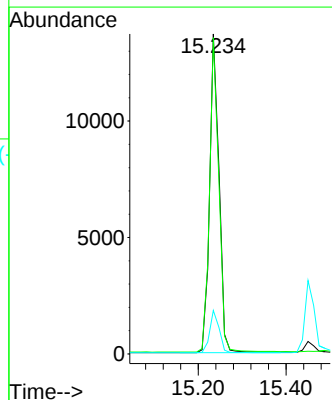
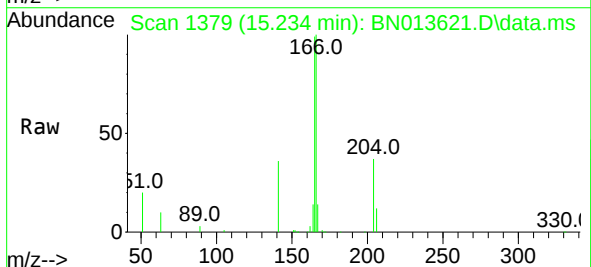
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

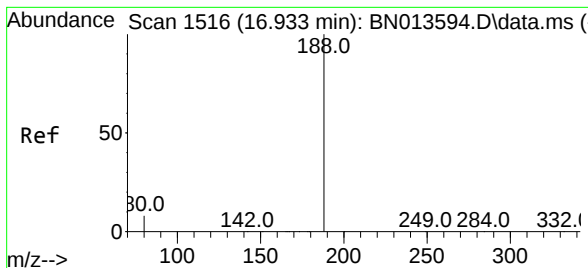
Tgt Ion:154 Resp: 16260  
Ion Ratio Lower Upper  
154 100  
153 112.0 88.4 132.6  
152 54.2 43.0 64.4



#18  
Fluorene  
Concen: 0.39 ng  
RT: 15.234 min Scan# 1379  
Delta R.T. 0.000 min  
Lab File: BN013621.D  
Acq: 15 Feb 2021 13:22

Tgt Ion:166 Resp: 20249  
Ion Ratio Lower Upper  
166 100  
165 97.6 77.8 116.8  
167 13.3 10.6 16.0

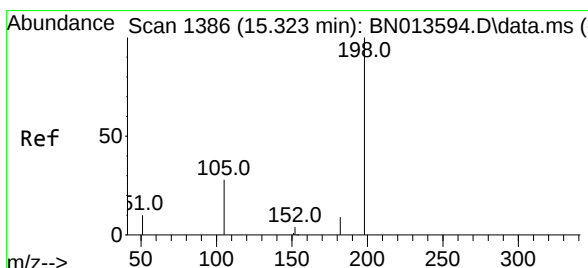
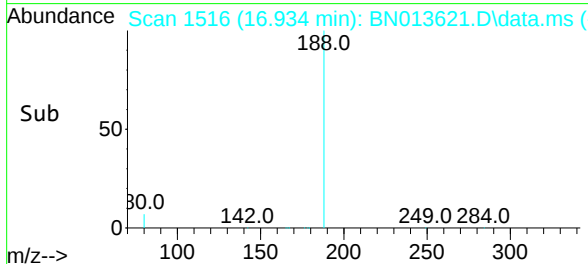
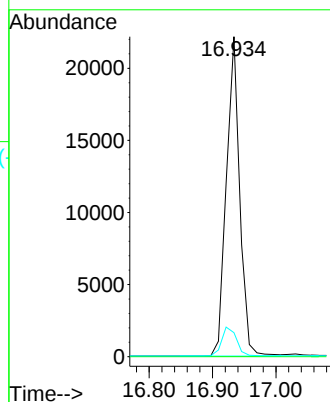
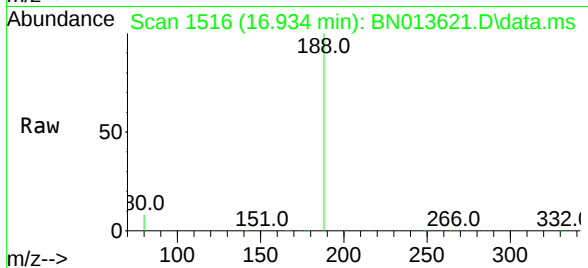




#19  
Phenanthrene-d10  
Concen: 0.40 ng  
RT: 16.934 min Scan# 1516  
Delta R.T. 0.001 min  
Lab File: BN013621.D  
Acq: 15 Feb 2021 13:22

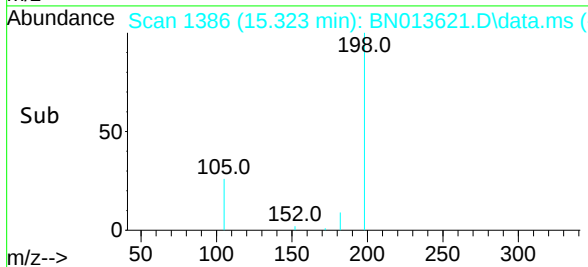
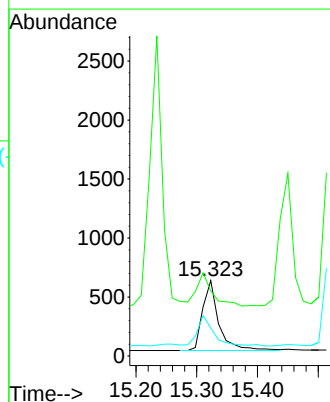
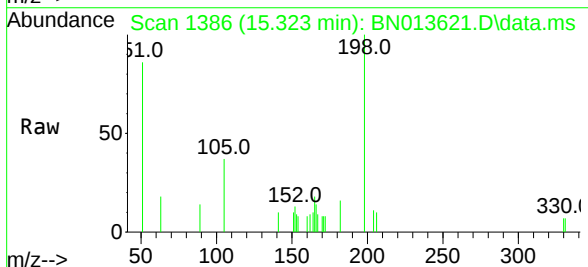
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

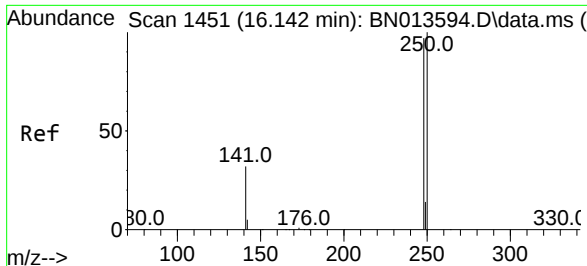
Tgt Ion:188 Resp: 32292  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 7.5 9.0 13.6#



#20  
4,6-Dinitro-2-methylphenol  
Concen: 0.39 ng  
RT: 15.323 min Scan# 1386  
Delta R.T. 0.000 min  
Lab File: BN013621.D  
Acq: 15 Feb 2021 13:22

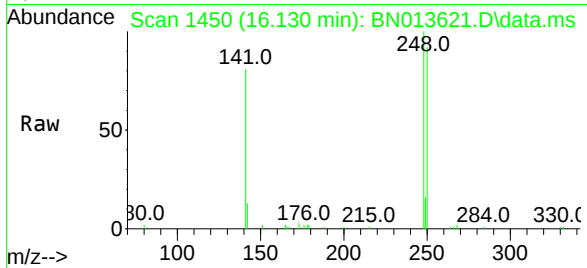
Tgt Ion:198 Resp: 1103  
Ion Ratio Lower Upper  
198 100  
51 86.4 61.7 92.5  
105 37.2 33.0 49.6



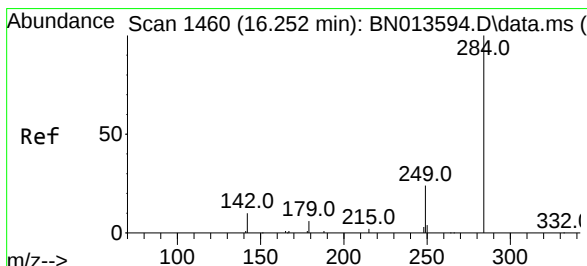
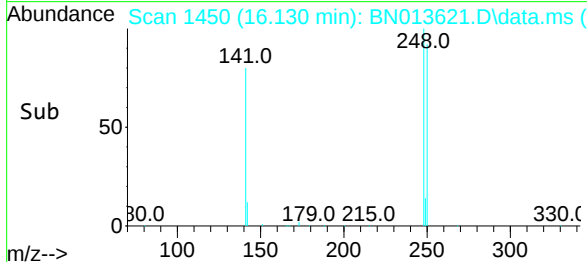
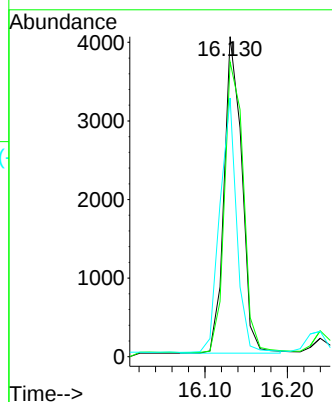


#21  
4-Bromophenyl-phenylether  
Concen: 0.38 ng  
RT: 16.130 min Scan# 1450  
Delta R.T. -0.012 min  
Lab File: BN013621.D  
Acq: 15 Feb 2021 13:22

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

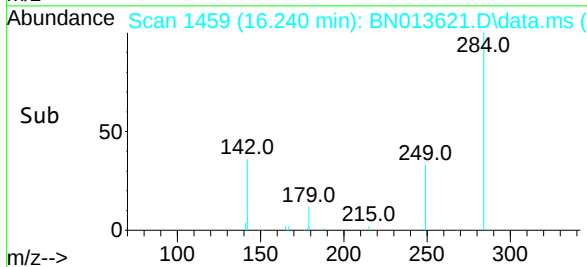
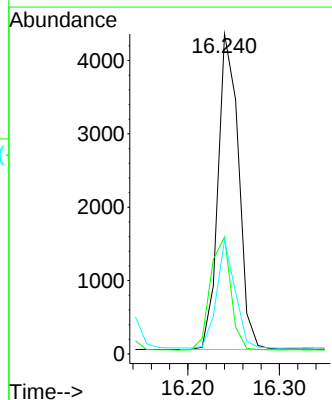
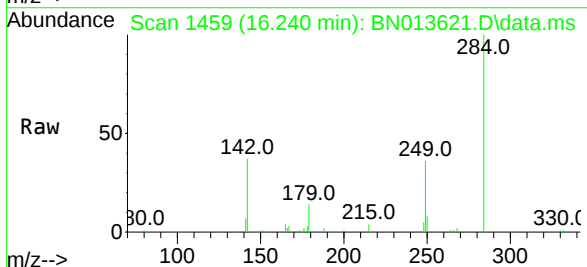


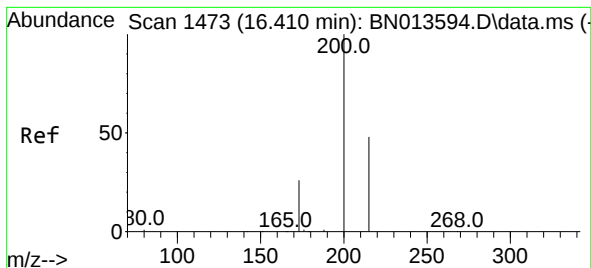
Tgt Ion:248 Resp: 6001  
Ion Ratio Lower Upper  
248 100  
250 92.1 75.5 113.3  
141 80.9 53.8 80.8#



#22  
Hexachlorobenzene  
Concen: 0.38 ng  
RT: 16.240 min Scan# 1459  
Delta R.T. -0.012 min  
Lab File: BN013621.D  
Acq: 15 Feb 2021 13:22

Tgt Ion:284 Resp: 6709  
Ion Ratio Lower Upper  
284 100  
142 35.9 27.9 41.9  
249 30.5 24.2 36.2





#23

Atrazine

Concen: 0.35 ng

RT: 16.410 min Scan# 1473

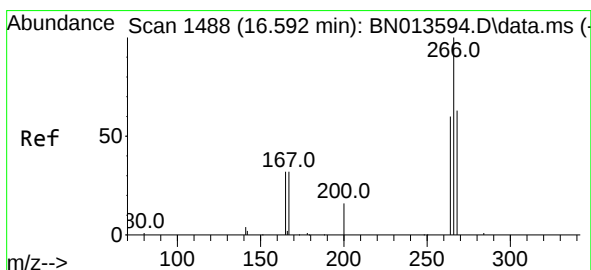
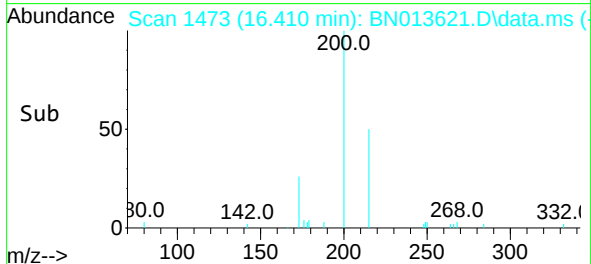
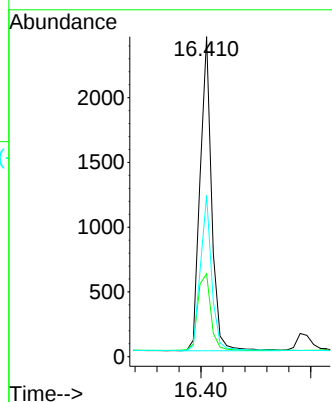
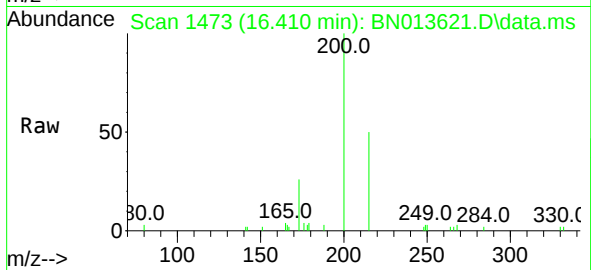
Delta R.T. 0.001 min

Lab File: BN013621.D

Acq: 15 Feb 2021 13:22

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 200   | Resp: | 3537 |
| Ion Ratio | Lower | Upper |      |
| 200       | 100   |       |      |
| 173       | 25.9  | 18.6  | 28.0 |
| 215       | 50.3  | 41.0  | 61.6 |

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4



#24

Pentachlorophenol

Concen: 0.47 ng

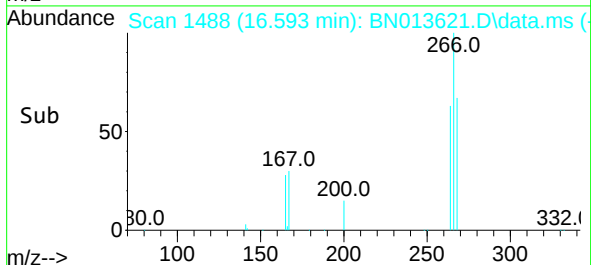
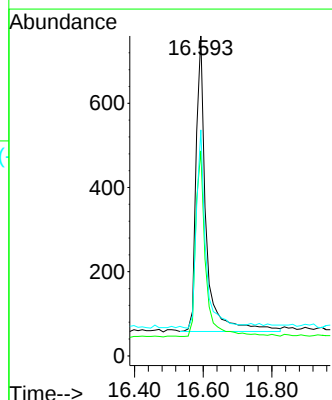
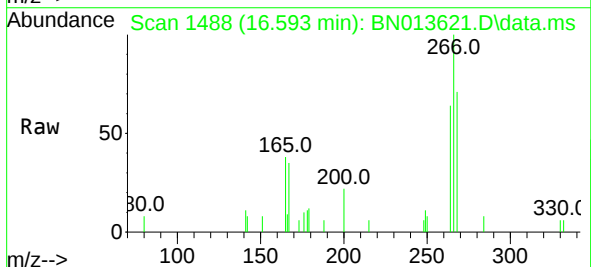
RT: 16.593 min Scan# 1488

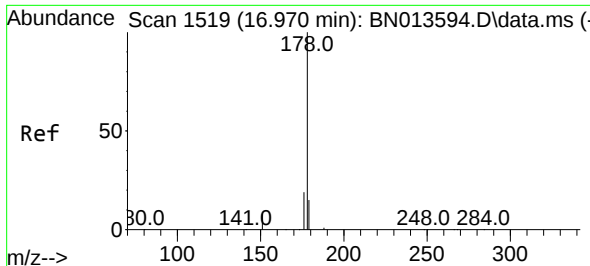
Delta R.T. 0.001 min

Lab File: BN013621.D

Acq: 15 Feb 2021 13:22

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 266   | Resp: | 1436 |
| Ion Ratio | Lower | Upper |      |
| 266       | 100   |       |      |
| 264       | 62.0  | 51.6  | 77.4 |
| 268       | 61.1  | 54.6  | 82.0 |

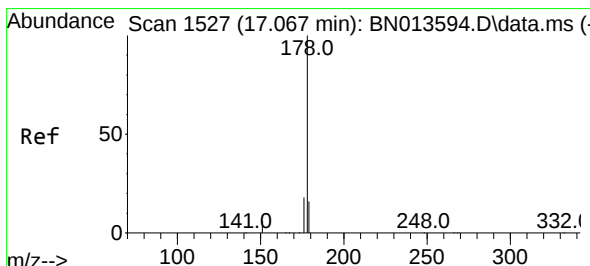
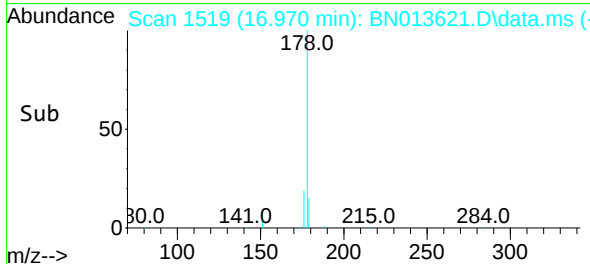
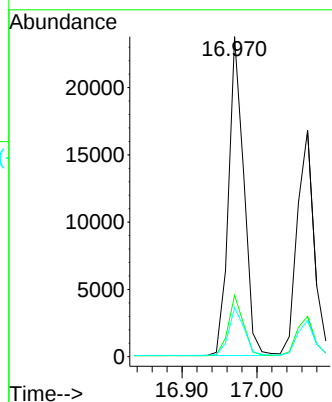
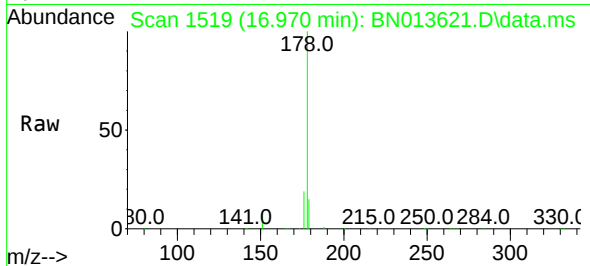




#25  
Phenanthrene  
Concen: 0.38 ng  
RT: 16.970 min Scan# 1519  
Delta R.T. 0.001 min  
Lab File: BN013621.D  
Acq: 15 Feb 2021 13:22

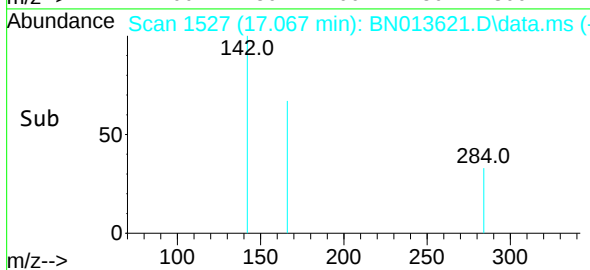
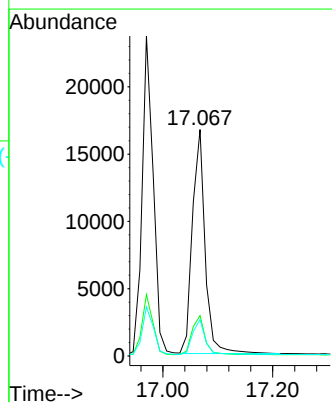
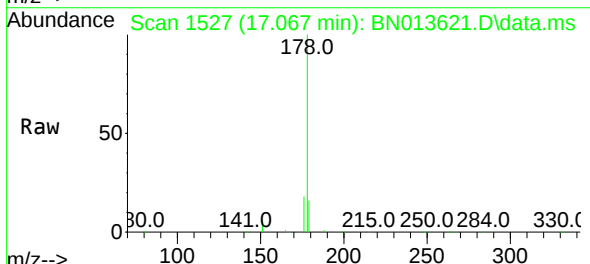
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

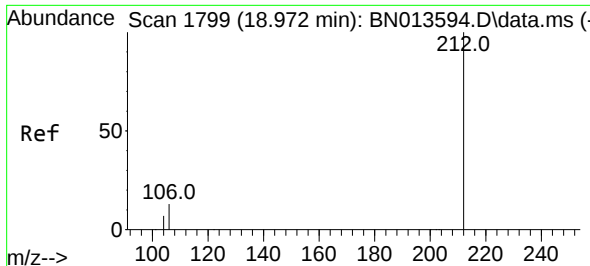
Tgt Ion:178 Resp: 33574  
Ion Ratio Lower Upper  
178 100  
176 18.6 15.0 22.4  
179 15.3 12.3 18.5



#26  
Anthracene  
Concen: 0.37 ng  
RT: 17.067 min Scan# 1527  
Delta R.T. 0.001 min  
Lab File: BN013621.D  
Acq: 15 Feb 2021 13:22

Tgt Ion:178 Resp: 26814  
Ion Ratio Lower Upper  
178 100  
176 17.8 14.6 21.8  
179 15.4 12.2 18.2

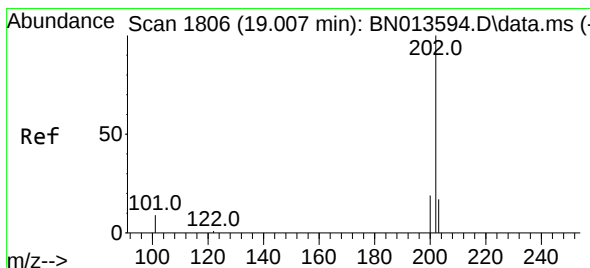
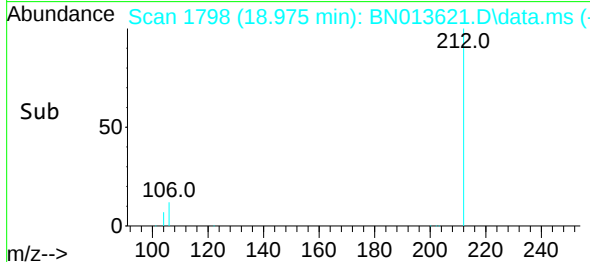
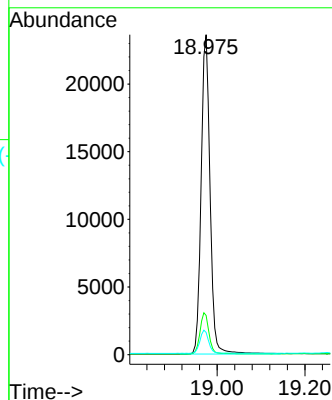
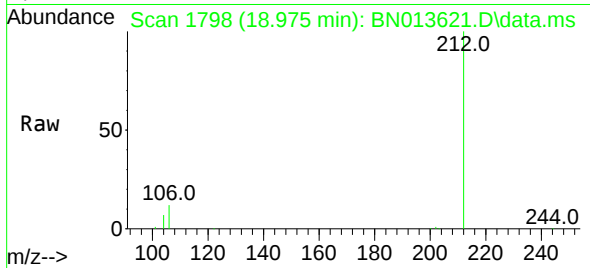




#27  
Fluoranthene-d10  
Concen: 0.38 ng  
RT: 18.975 min Scan# 1798  
Delta R.T. 0.003 min  
Lab File: BN013621.D  
Acq: 15 Feb 2021 13:22

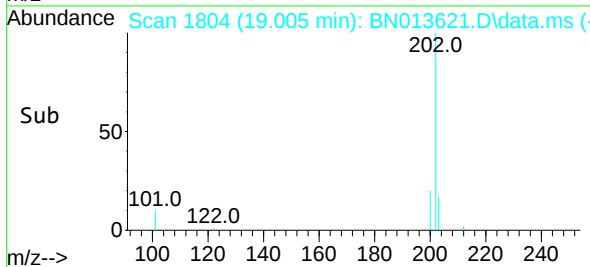
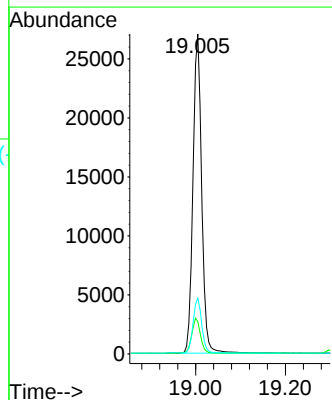
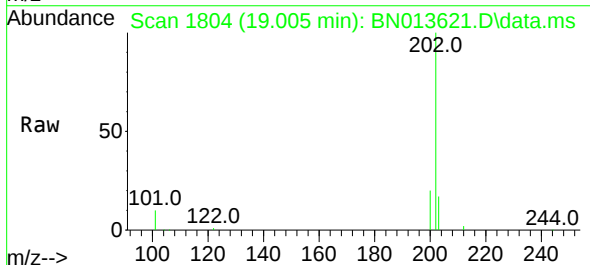
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

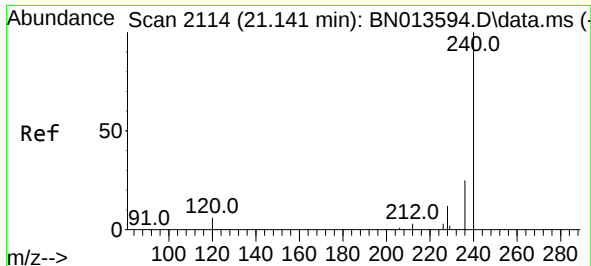
Tgt Ion:212 Resp: 33105  
Ion Ratio Lower Upper  
212 100  
106 12.9 9.7 14.5  
104 7.1 5.5 8.3



#28  
Fluoranthene  
Concen: 0.38 ng  
RT: 19.005 min Scan# 1804  
Delta R.T. -0.002 min  
Lab File: BN013621.D  
Acq: 15 Feb 2021 13:22

Tgt Ion:202 Resp: 36541  
Ion Ratio Lower Upper  
202 100  
101 11.0 8.1 12.1  
203 17.0 13.9 20.9

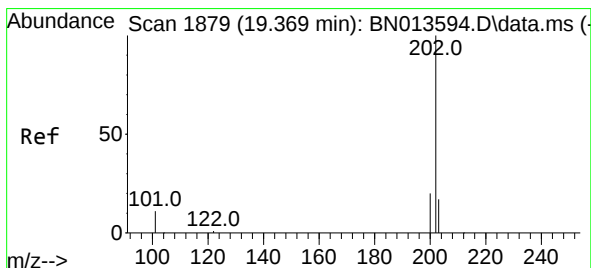
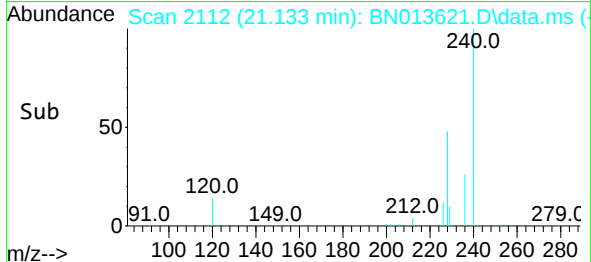
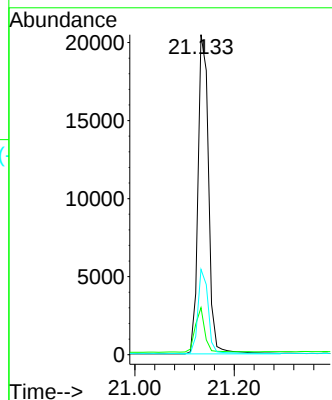
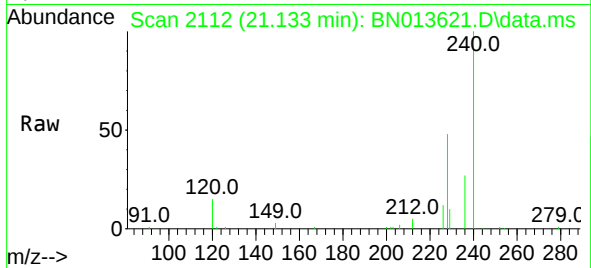




#29  
Chrysene-d12  
Concen: 0.40 ng  
RT: 21.133 min Scan# 2112  
Delta R.T. -0.008 min  
Lab File: BN013621.D  
Acq: 15 Feb 2021 13:22

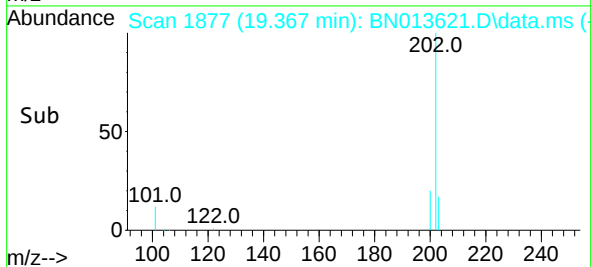
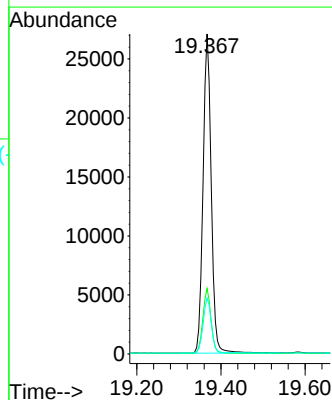
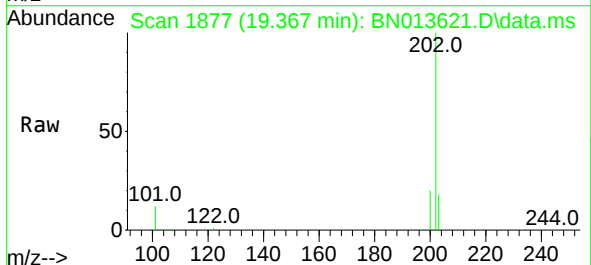
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

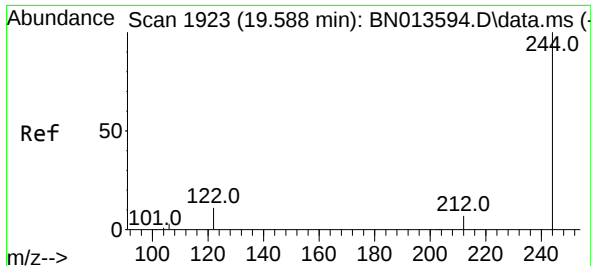
Tgt Ion:240 Resp: 30326  
Ion Ratio Lower Upper  
240 100  
120 14.7 10.2 15.4  
236 26.7 21.3 31.9



#30  
Pyrene  
Concen: 0.41 ng  
RT: 19.367 min Scan# 1877  
Delta R.T. -0.002 min  
Lab File: BN013621.D  
Acq: 15 Feb 2021 13:22

Tgt Ion:202 Resp: 36806  
Ion Ratio Lower Upper  
202 100  
200 20.1 16.3 24.5  
203 17.5 14.0 21.0

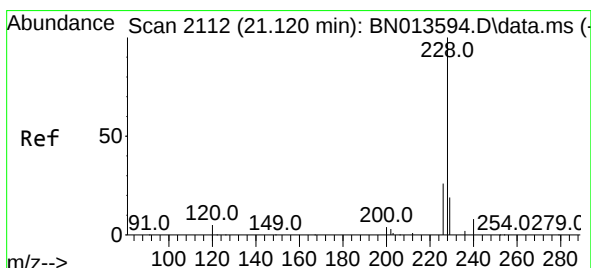
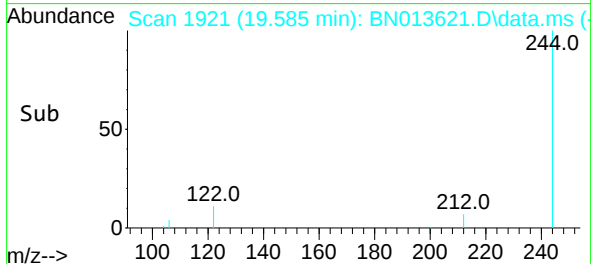
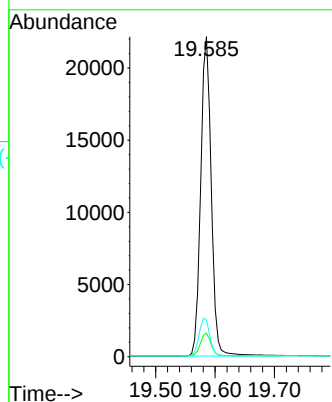
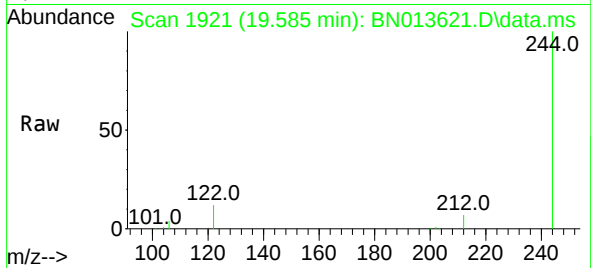




#31  
Terphenyl-d14  
Concen: 0.41 ng  
RT: 19.585 min Scan# 1921  
Delta R.T. -0.002 min  
Lab File: BN013621.D  
Acq: 15 Feb 2021 13:22

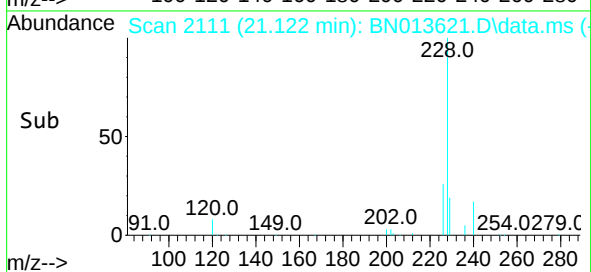
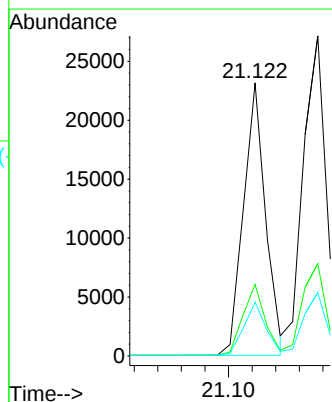
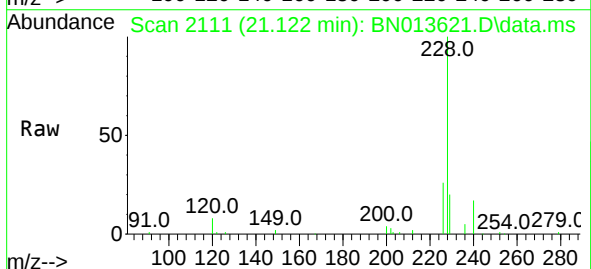
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

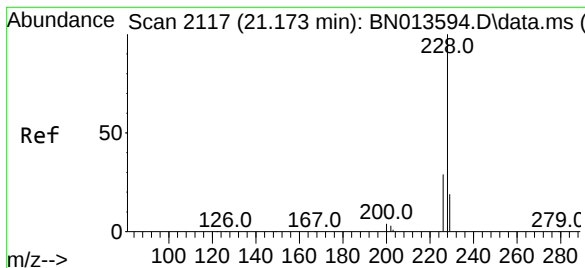
Tgt Ion:244 Resp: 27327  
Ion Ratio Lower Upper  
244 100  
212 7.3 6.1 9.1  
122 11.5 9.8 14.8



#32  
Benzo(a)anthracene  
Concen: 0.37 ng  
RT: 21.122 min Scan# 2111  
Delta R.T. 0.003 min  
Lab File: BN013621.D  
Acq: 15 Feb 2021 13:22

Tgt Ion:228 Resp: 30115  
Ion Ratio Lower Upper  
228 100  
226 26.2 20.5 30.7  
229 19.7 16.2 24.4





#33

Chrysene

Concen: 0.41 ng

RT: 21.176 min Scan# 2116

Delta R.T. 0.003 min

Lab File: BN013621.D

Acq: 15 Feb 2021 13:22

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4

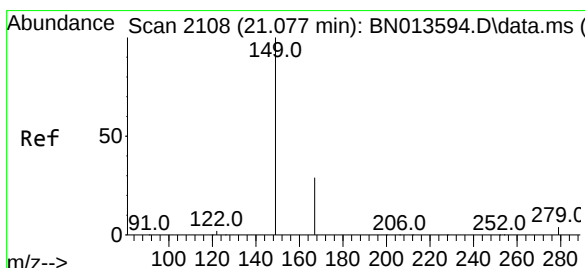
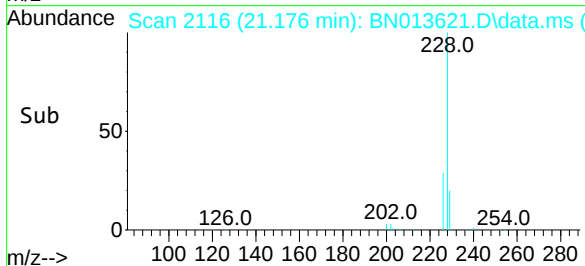
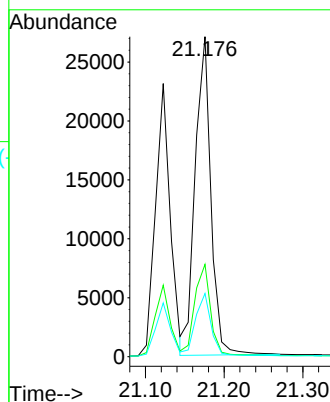
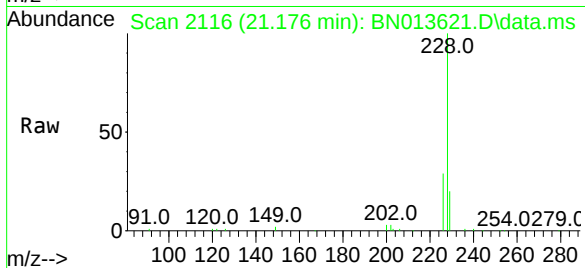
Tgt Ion:228 Resp: 37557

Ion Ratio Lower Upper

228 100

226 28.9 24.3 36.5

229 19.8 15.1 22.7



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.36 ng

RT: 21.069 min Scan# 2106

Delta R.T. -0.008 min

Lab File: BN013621.D

Acq: 15 Feb 2021 13:22

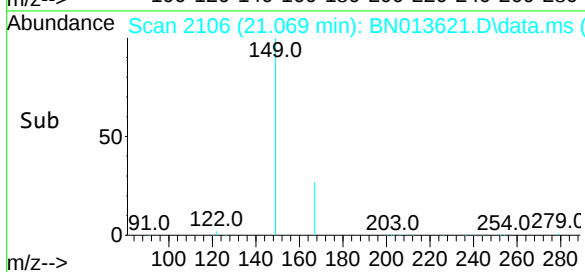
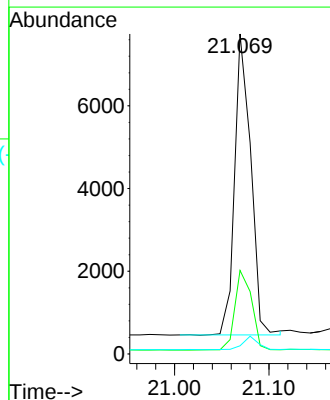
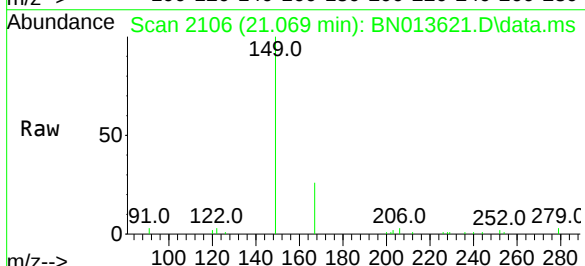
Tgt Ion:149 Resp: 8616

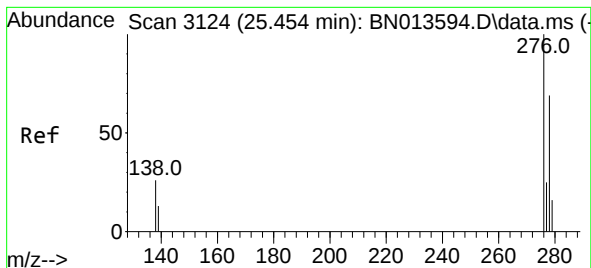
Ion Ratio Lower Upper

149 100

167 27.6 22.1 33.1

279 4.2 3.5 5.3

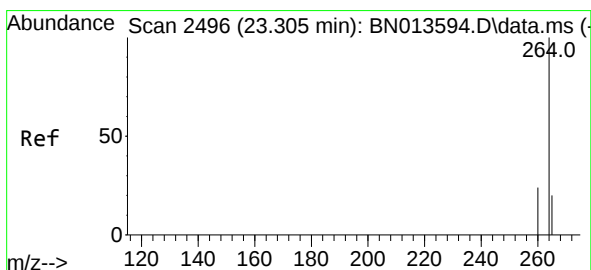
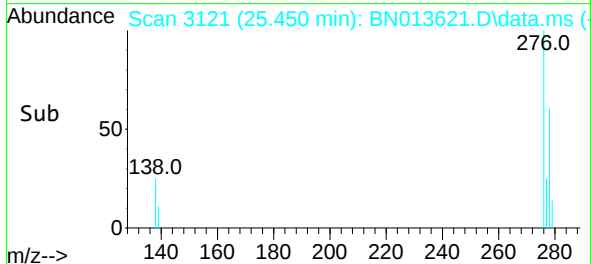
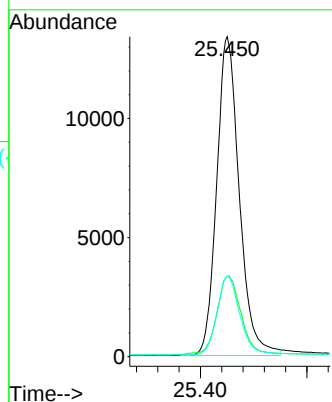
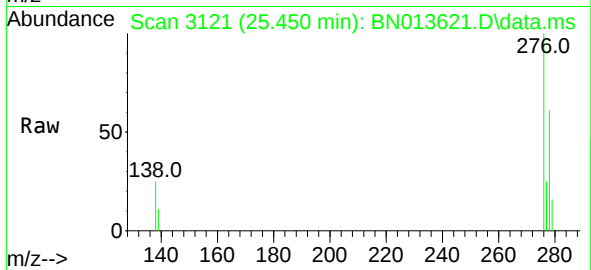




#35  
Indeno(1,2,3-cd)pyrene  
Concen: 0.41 ng  
RT: 25.450 min Scan# 3121  
Delta R.T. -0.004 min  
Lab File: BN013621.D  
Acq: 15 Feb 2021 13:22

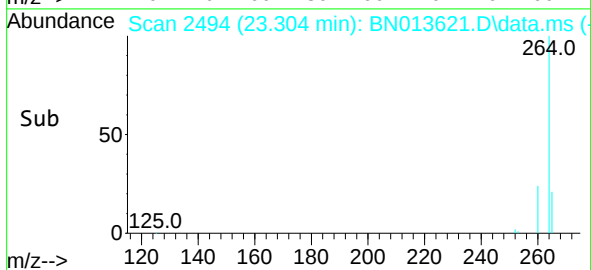
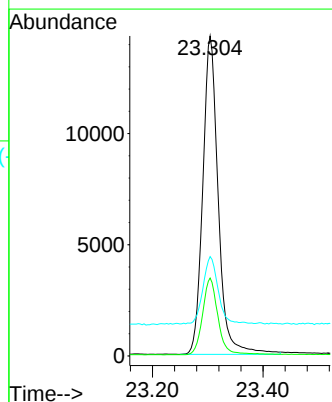
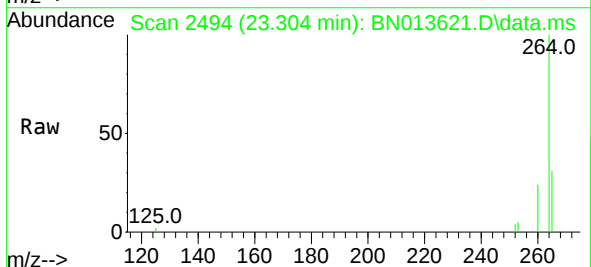
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

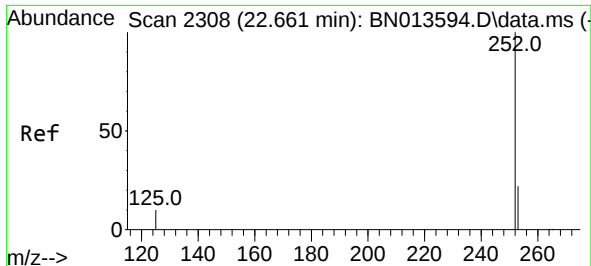
Tgt Ion:276 Resp: 39397  
Ion Ratio Lower Upper  
276 100  
138 26.5 19.8 29.6  
277 25.1 19.9 29.9



#36  
Perylene-d12  
Concen: 0.40 ng  
RT: 23.304 min Scan# 2494  
Delta R.T. -0.001 min  
Lab File: BN013621.D  
Acq: 15 Feb 2021 13:22

Tgt Ion:264 Resp: 27830  
Ion Ratio Lower Upper  
264 100  
260 24.4 19.3 28.9  
265 31.1 66.2 99.4#

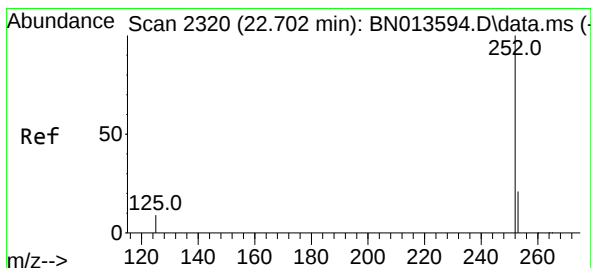
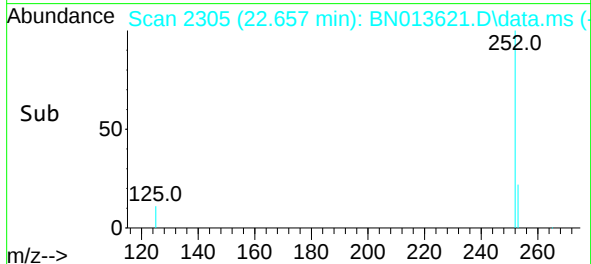
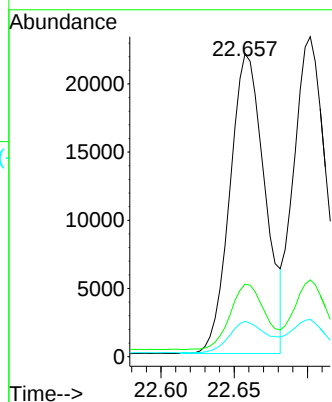
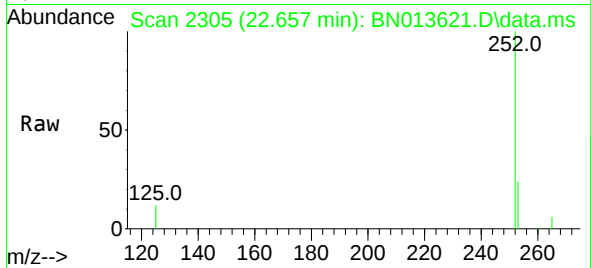




#37  
Benzo(b)fluoranthene  
Concen: 0.38 ng  
RT: 22.657 min Scan# 2305  
Delta R.T. -0.004 min  
Lab File: BN013621.D  
Acq: 15 Feb 2021 13:22

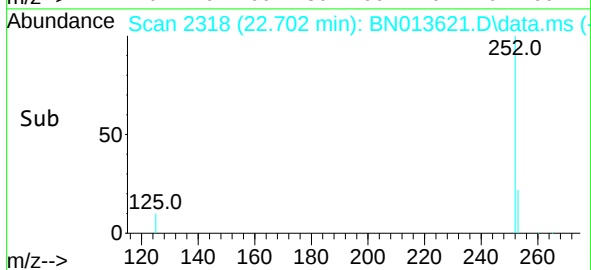
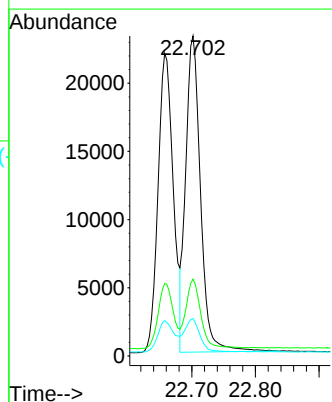
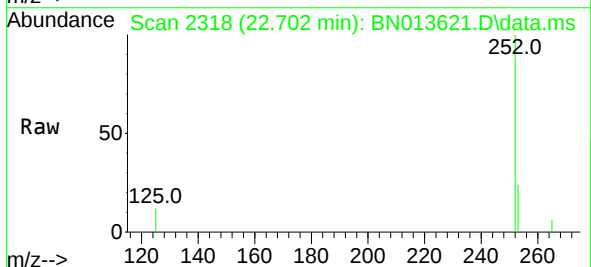
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

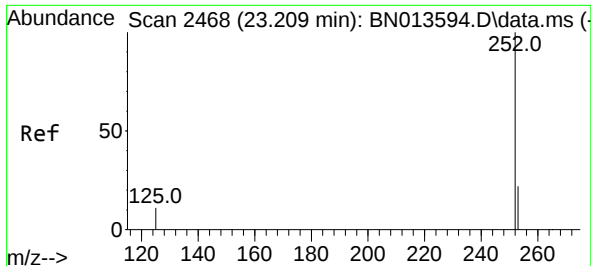
Tgt Ion:252 Resp: 36496  
Ion Ratio Lower Upper  
252 100  
253 23.9 20.4 30.6  
125 11.7 11.6 17.4



#38  
Benzo(k)fluoranthene  
Concen: 0.38 ng  
RT: 22.702 min Scan# 2318  
Delta R.T. -0.001 min  
Lab File: BN013621.D  
Acq: 15 Feb 2021 13:22

Tgt Ion:252 Resp: 37469  
Ion Ratio Lower Upper  
252 100  
253 24.0 20.5 30.7  
125 11.7 12.3 18.5#





#39

Benzo(a)pyrene

Concen: 0.38 ng

RT: 23.208 min Scan# 2466

Delta R.T. -0.001 min

Lab File: BN013621.D

Acq: 15 Feb 2021 13:22

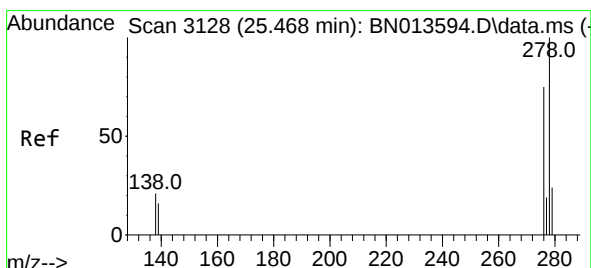
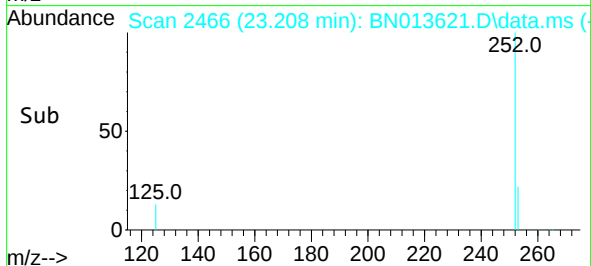
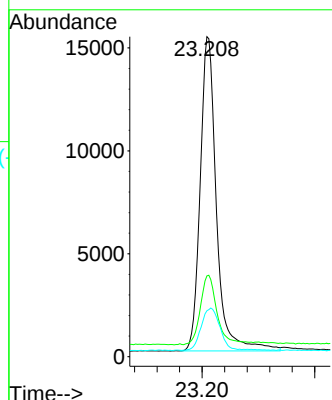
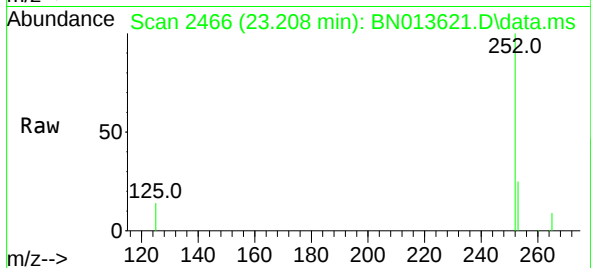
|             |       |            |
|-------------|-------|------------|
| Tgt Ion:252 | Resp: | 30736      |
| Ion Ratio   | Lower | Upper      |
| 252         | 100   |            |
| 253         | 25.2  | 21.8 32.6  |
| 125         | 14.4  | 14.6 21.8# |

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4



#40

Dibenzo(a,h)anthracene

Concen: 0.38 ng

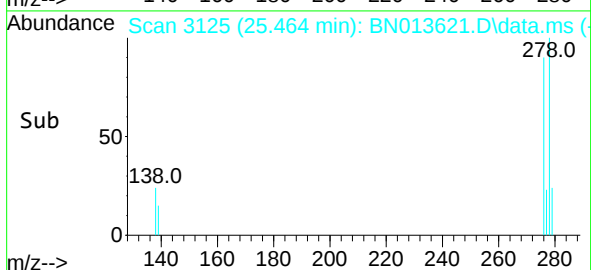
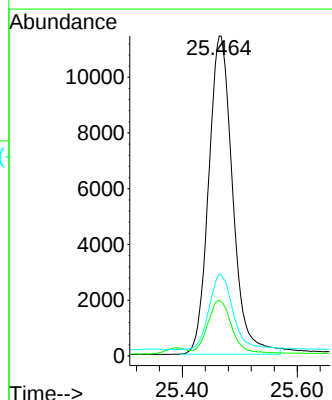
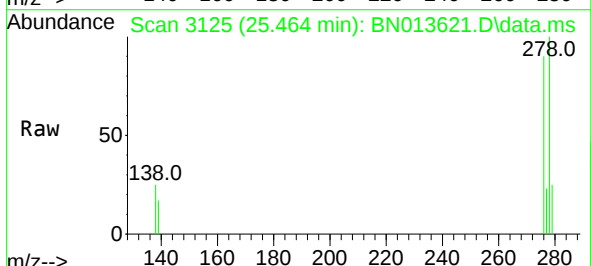
RT: 25.464 min Scan# 3125

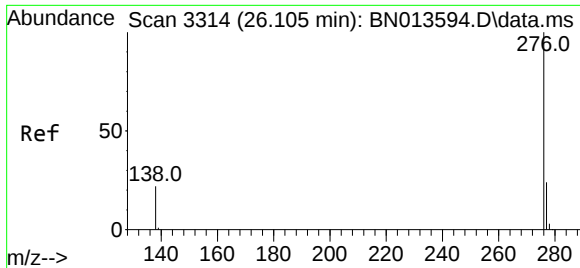
Delta R.T. -0.004 min

Lab File: BN013621.D

Acq: 15 Feb 2021 13:22

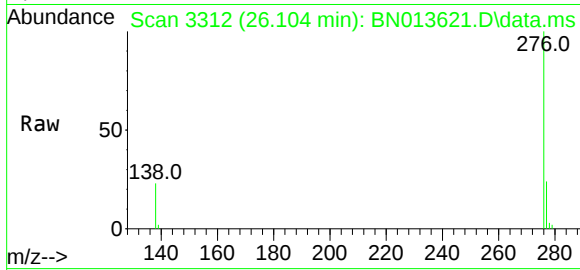
|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:278 | Resp: | 33085     |
| Ion Ratio   | Lower | Upper     |
| 278         | 100   |           |
| 139         | 17.4  | 13.1 19.7 |
| 279         | 25.5  | 21.4 32.0 |





#41  
Benzo(g,h,i)perylene  
Concen: 0.38 ng  
RT: 26.104 min Scan# 3312  
Delta R.T. -0.001 min  
Lab File: BN013621.D  
Acq: 15 Feb 2021 13:22

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4



|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 276   | Resp: | 34707 |
| Ion Ratio | Lower | Upper |       |
| 276       | 100   |       |       |
| 277       | 24.0  | 20.0  | 30.0  |
| 138       | 22.6  | 17.8  | 26.8  |

