

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN090921\  
 Data File : BN016270.D  
 Acq On : 09 Sep 2021 23:40  
 Operator : CG/JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC0.4

Quant Time: Sep 10 02:44:17 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN090921.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Sep 09 15:19:08 2021  
 Response via : Initial Calibration

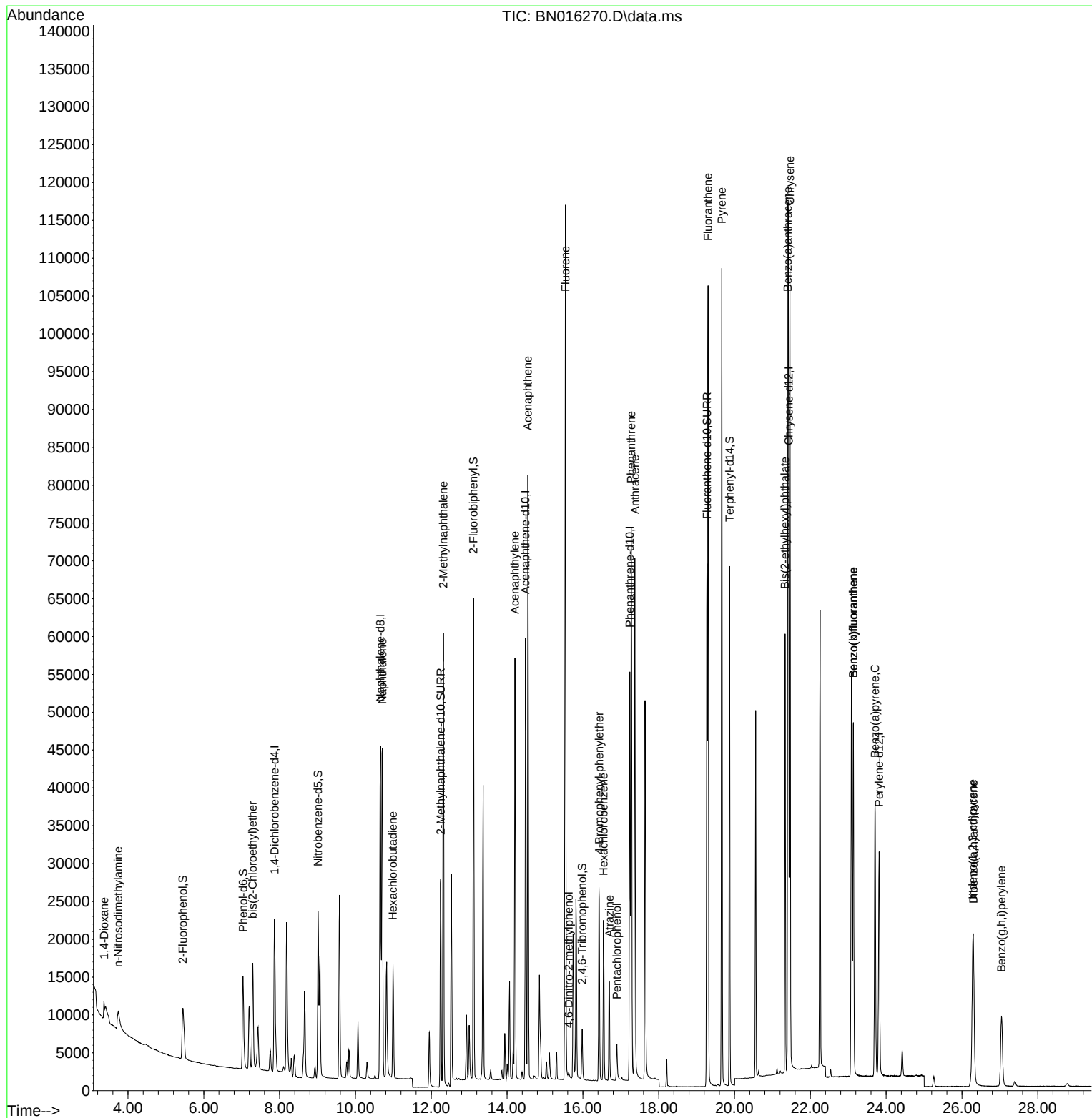
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.864  | 152  | 13322    | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.660 | 136  | 66492    | 0.400 | ng    | 0.00     |
| 13) Acenaphthene-d10          | 14.484 | 164  | 37536    | 0.400 | ng    | -0.01    |
| 19) Phenanthrene-d10          | 17.237 | 188  | 73854    | 0.400 | ng    | 0.00     |
| 29) Chrysene-d12              | 21.429 | 240  | 71235    | 0.400 | ng    | 0.00     |
| 35) Perylene-d12              | 23.813 | 264  | 43889    | 0.400 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.448  | 112  | 13103    | 0.386 | ng    | 0.00     |
| 5) Phenol-d6                  | 7.034  | 99   | 16290    | 0.383 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 9.013  | 82   | 19979    | 0.374 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 12.247 | 152  | 39646    | 0.382 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.982 | 330  | 5599     | 0.364 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 13.114 | 172  | 56705    | 0.386 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.271 | 212  | 82744    | 0.381 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.867 | 244  | 72046    | 0.403 | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       |          |
|                               |        |      |          |       |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.373  | 88   | 1814     | 0.384 | ng    | 87       |
| 3) n-Nitrosodimethylamine     | 3.742  | 42   | 3601     | 0.367 | ng    | # 100    |
| 6) bis(2-Chloroethyl)ether    | 7.292  | 93   | 13887    | 0.396 | ng    | 100      |
| 9) Naphthalene                | 10.711 | 128  | 68860    | 0.388 | ng    | 100      |
| 10) Hexachlorobutadiene       | 10.990 | 225  | 14006    | 0.387 | ng    | # 100    |
| 12) 2-Methylnaphthalene       | 12.318 | 142  | 46841    | 0.392 | ng    | 99       |
| 16) Acenaphthylene            | 14.205 | 152  | 64135    | 0.382 | ng    | 100      |
| 17) Acenaphthene              | 14.548 | 154  | 41819    | 0.384 | ng    | 99       |
| 18) Fluorene                  | 15.538 | 166  | 51666    | 0.383 | ng    | 100      |
| 20) 4,6-Dinitro-2-methylph... | 15.626 | 198  | 600      | 0.397 | ng    | 89       |
| 21) 4-Bromophenyl-phenylether | 16.433 | 248  | 15437    | 0.391 | ng    | 96       |
| 22) Hexachlorobenzene         | 16.543 | 284  | 18891    | 0.399 | ng    | 99       |
| 23) Atrazine                  | 16.701 | 200  | 13264    | 0.365 | ng    | 99       |
| 24) Pentachlorophenol         | 16.896 | 266  | 3140     | 0.534 | ng    | 97       |
| 25) Phenanthrene              | 17.273 | 178  | 84027    | 0.392 | ng    | 100      |
| 26) Anthracene                | 17.370 | 178  | 75601    | 0.383 | ng    | 100      |
| 28) Fluoranthene              | 19.301 | 202  | 99651    | 0.396 | ng    | 100      |
| 30) Pyrene                    | 19.664 | 202  | 99948    | 0.414 | ng    | 100      |
| 32) Benzo(a)anthracene        | 21.408 | 228  | 90180    | 0.406 | ng    | 99       |
| 33) Chrysene                  | 21.461 | 228  | 89216    | 0.405 | ng    | 100      |
| 34) Bis(2-ethylhexyl)phtha... | 21.334 | 149  | 51344    | 0.376 | ng    | 100      |
| 36) Indeno(1,2,3-cd)pyrene    | 26.284 | 276  | 28877    | 0.395 | ng    | 99       |
| 37) Benzo(b)fluoranthene      | 23.135 | 252  | 65156    | 0.385 | ng    | 99       |
| 38) Benzo(k)fluoranthene      | 23.135 | 252  | 62932    | 0.417 | ng    | 100      |
| 39) Benzo(a)pyrene            | 23.707 | 252  | 53193    | 0.422 | ng    | # 92     |
| 40) Dibenzo(a,h)anthracene    | 26.305 | 278  | 23132    | 0.414 | ng    | 97       |
| 41) Benzo(g,h,i)perylene      | 27.041 | 276  | 22493    | 0.371 | ng    | 98       |
| -----                         |        |      |          |       |       |          |

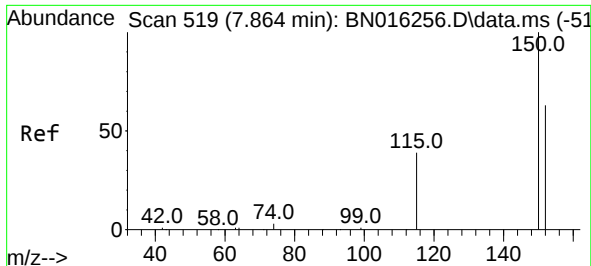
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN090921\  
Data File : BN016270.D  
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Operator : CG/JU  
Sample : SSTDCCC0.4  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
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Quant Time: Sep 10 02:44:17 2021  
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
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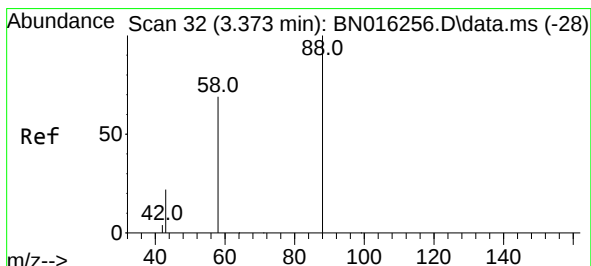
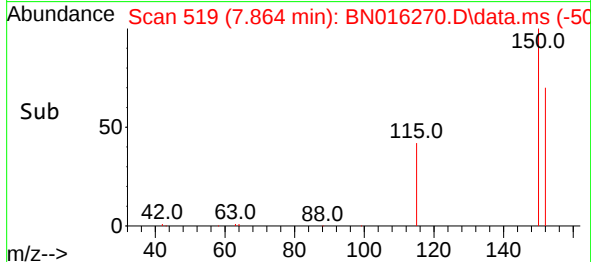
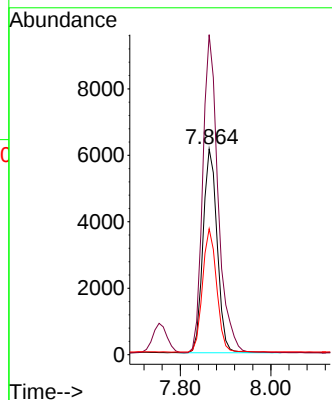
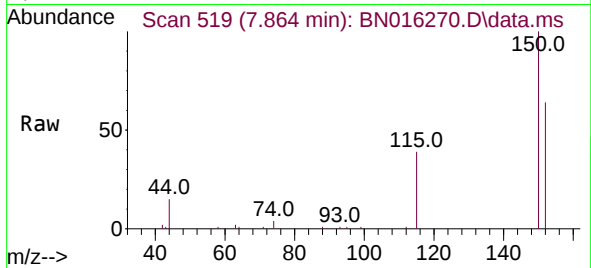




#1  
1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 7.864 min Scan# 519  
Delta R.T. -0.000 min  
Lab File: BN016270.D  
Acq: 09 Sep 2021 23:40

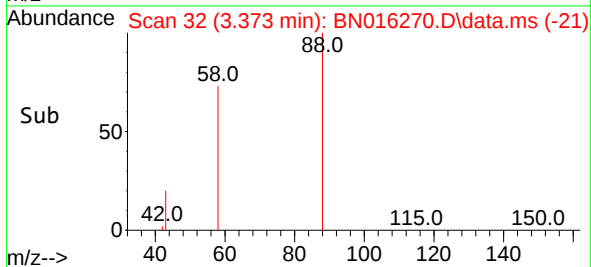
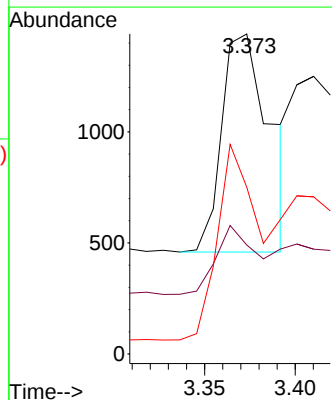
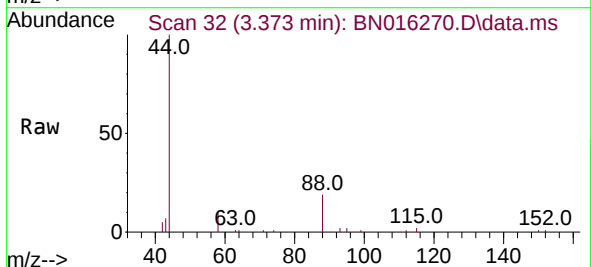
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

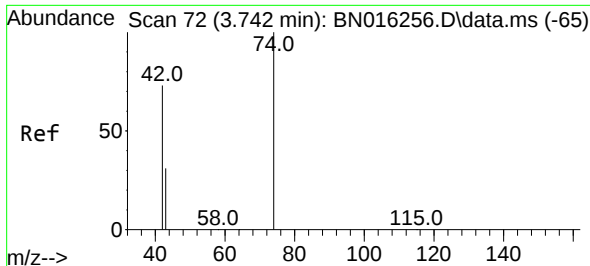
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Ion Ratio Lower Upper  
152 100  
150 155.5 125.6 188.4  
115 61.2 50.2 75.2



#2  
1,4-Dioxane  
Concen: 0.384 ng  
RT: 3.373 min Scan# 32  
Delta R.T. -0.000 min  
Lab File: BN016270.D  
Acq: 09 Sep 2021 23:40

Tgt Ion: 88 Resp: 1814  
Ion Ratio Lower Upper  
88 100  
43 25.9 20.3 30.5  
58 72.2 69.9 104.9

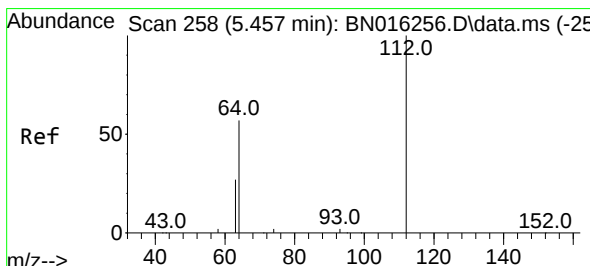
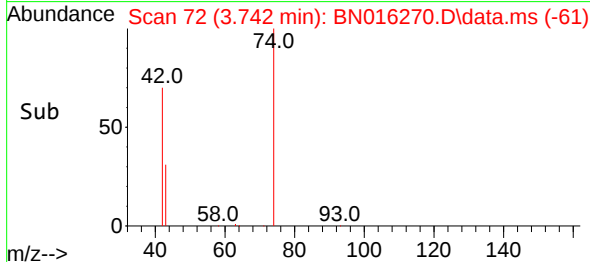
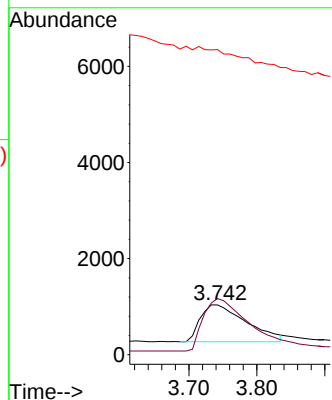
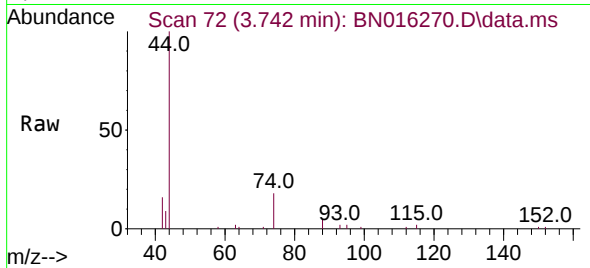




#3  
n-Nitrosodimethylamine  
Concen: 0.367 ng  
RT: 3.742 min Scan# 72  
Delta R.T. -0.000 min  
Lab File: BN016270.D  
Acq: 09 Sep 2021 23:40

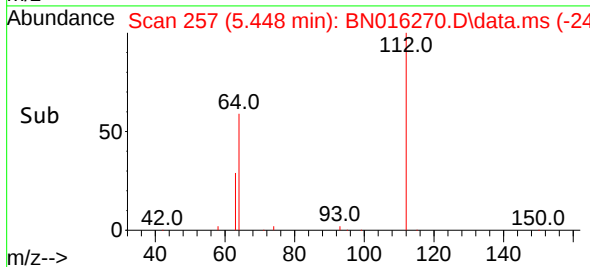
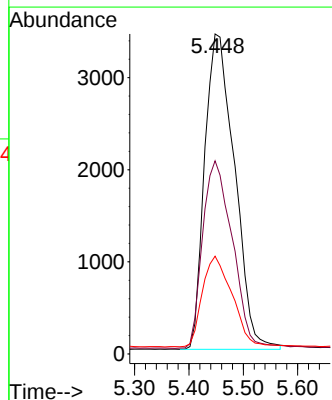
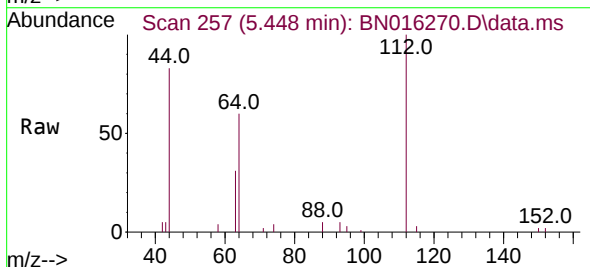
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

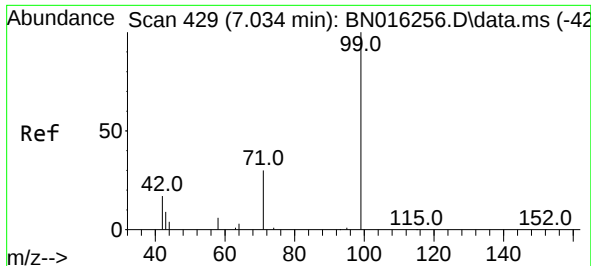
Tgt Ion: 42 Resp: 3601  
Ion Ratio Lower Upper  
42 100  
74 141.6 113.6 170.4  
44 0.0 0.0 0.0



#4  
2-Fluorophenol  
Concen: 0.386 ng  
RT: 5.448 min Scan# 257  
Delta R.T. -0.009 min  
Lab File: BN016270.D  
Acq: 09 Sep 2021 23:40

Tgt Ion: 112 Resp: 13103  
Ion Ratio Lower Upper  
112 100  
64 59.1 47.3 70.9  
63 28.5 23.4 35.0

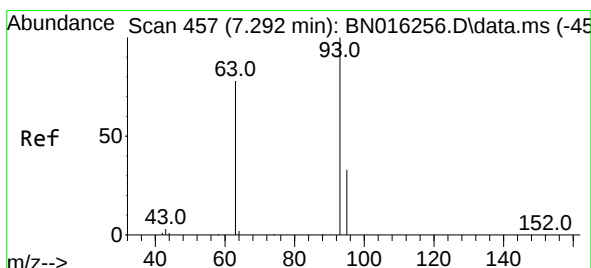
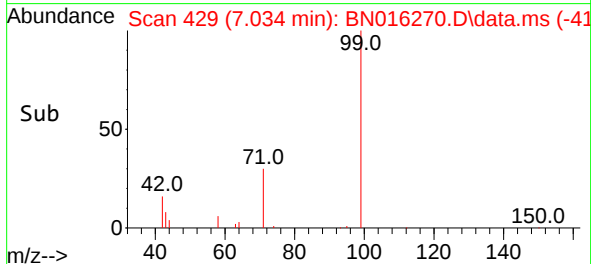
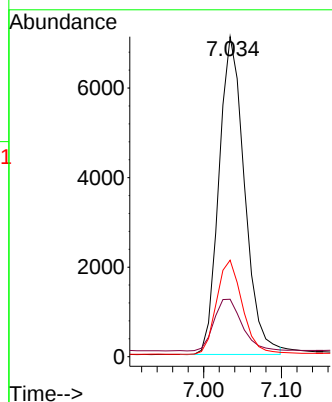
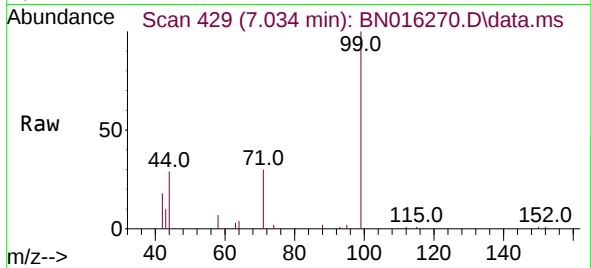




#5  
Phenol-d6  
Concen: 0.383 ng  
RT: 7.034 min Scan# 429  
Delta R.T. -0.000 min  
Lab File: BN016270.D  
Acq: 09 Sep 2021 23:40

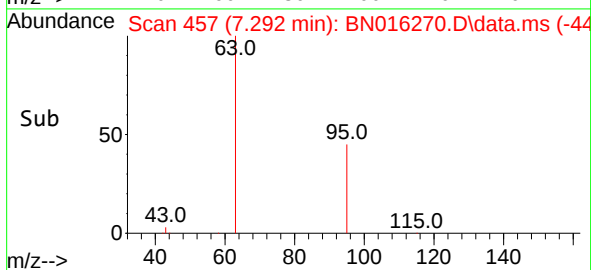
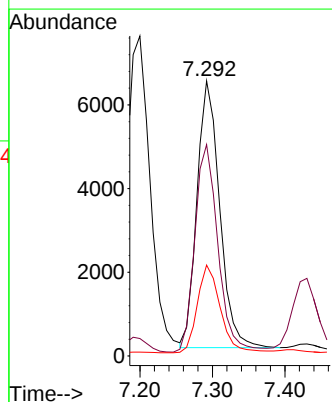
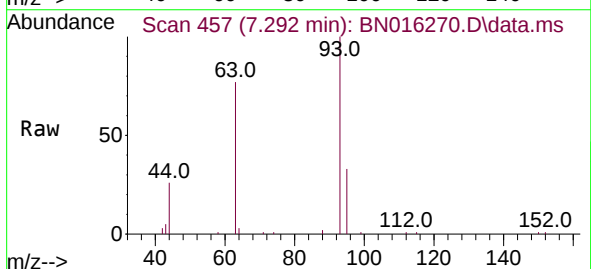
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

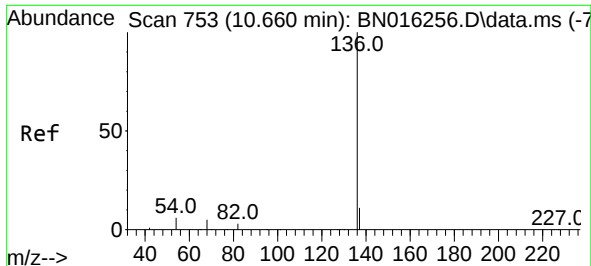
Tgt Ion: 99 Resp: 16290  
Ion Ratio Lower Upper  
99 100  
42 17.8 14.0 21.0  
71 29.8 23.8 35.6



#6  
bis(2-Chloroethyl)ether  
Concen: 0.396 ng  
RT: 7.292 min Scan# 457  
Delta R.T. -0.000 min  
Lab File: BN016270.D  
Acq: 09 Sep 2021 23:40

Tgt Ion: 93 Resp: 13887  
Ion Ratio Lower Upper  
93 100  
63 79.6 63.4 95.0  
95 33.2 26.8 40.2

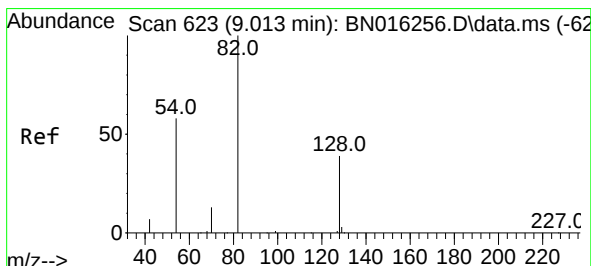
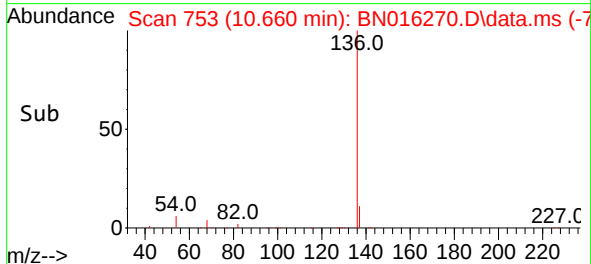
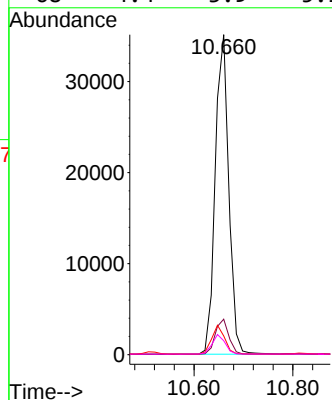
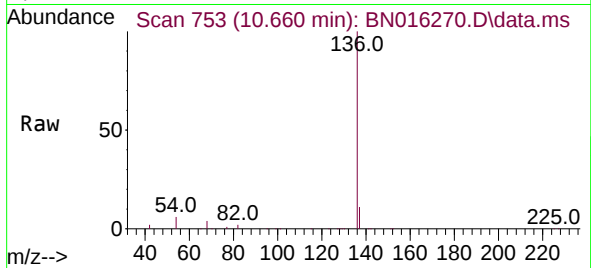




#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.660 min Scan# 753  
Delta R.T. -0.000 min  
Lab File: BN016270.D  
Acq: 09 Sep 2021 23:40

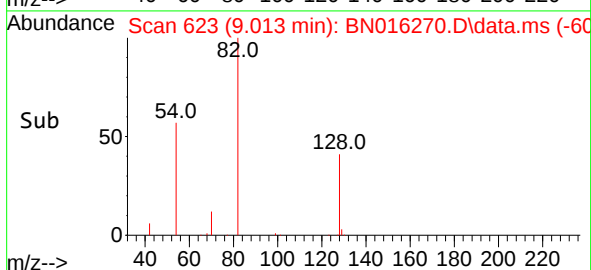
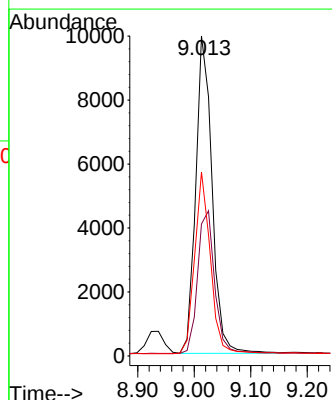
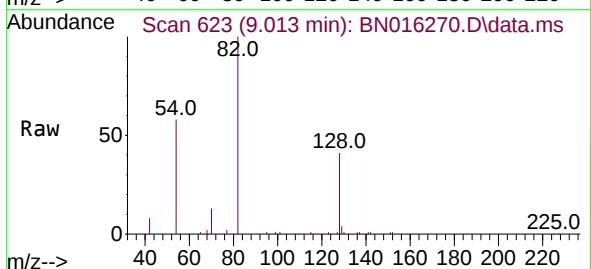
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

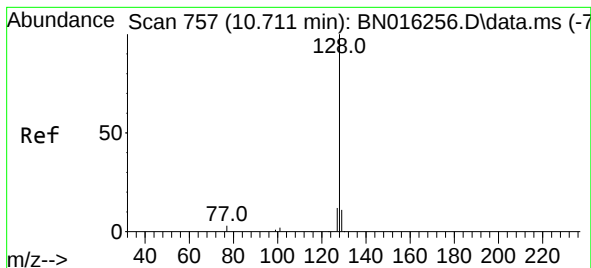
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 136   | Resp: | 66492 |
| Ion Ratio | Lower | Upper |       |
| 136       | 100   |       |       |
| 137       | 11.1  | 8.8   | 13.2  |
| 54        | 5.9   | 5.3   | 7.9   |
| 68        | 4.4   | 3.9   | 5.9   |



#8  
Nitrobenzene-d5  
Concen: 0.374 ng  
RT: 9.013 min Scan# 623  
Delta R.T. -0.000 min  
Lab File: BN016270.D  
Acq: 09 Sep 2021 23:40

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 82    | Resp: | 19979 |
| Ion Ratio | Lower | Upper |       |
| 82        | 100   |       |       |
| 128       | 41.2  | 31.7  | 47.5  |
| 54        | 57.5  | 46.4  | 69.6  |





#9

Naphthalene

Concen: 0.388 ng

RT: 10.711 min Scan# 757

Delta R.T. -0.000 min

Lab File: BN016270.D

Acq: 09 Sep 2021 23:40

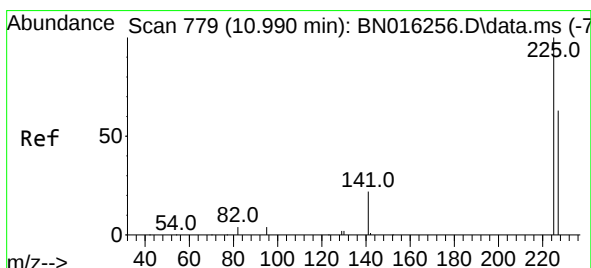
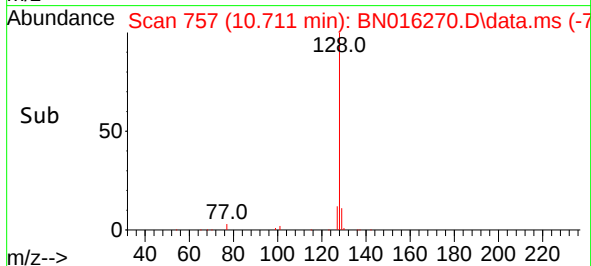
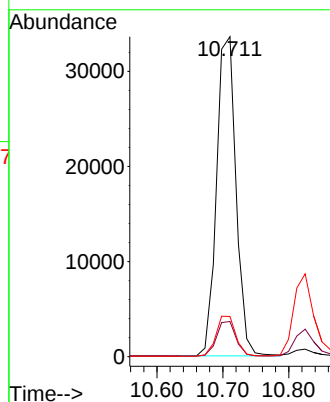
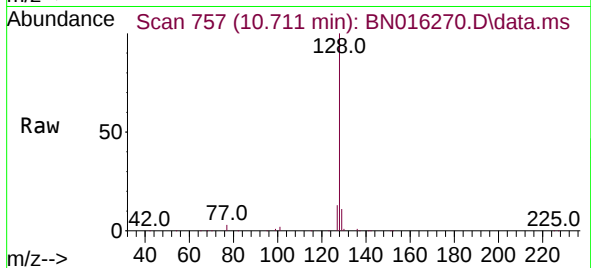
Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 128   | Resp: | 68860 |
| Ion      | Ratio | Lower | Upper |
| 128      | 100   |       |       |
| 129      | 11.0  | 8.9   | 13.3  |
| 127      | 12.6  | 10.1  | 15.1  |



#10

Hexachlorobutadiene

Concen: 0.387 ng

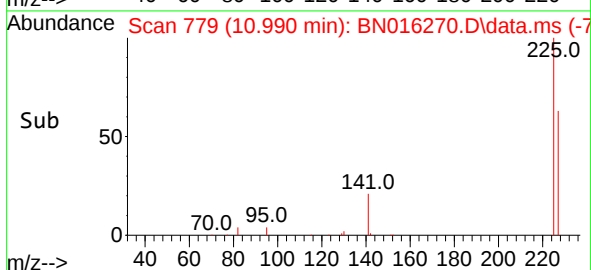
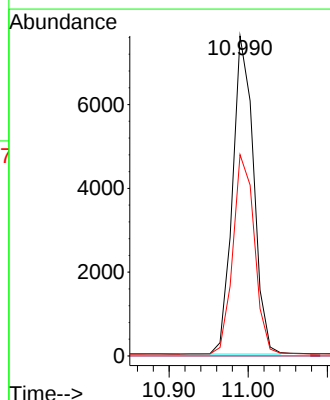
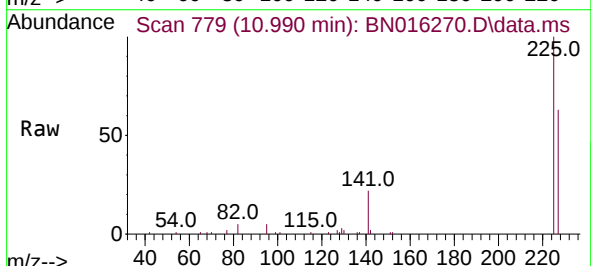
RT: 10.990 min Scan# 779

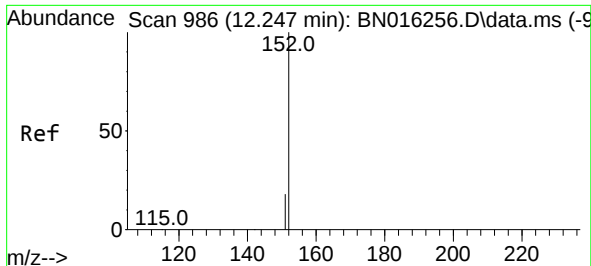
Delta R.T. -0.000 min

Lab File: BN016270.D

Acq: 09 Sep 2021 23:40

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 225   | Resp: | 14006 |
| Ion      | Ratio | Lower | Upper |
| 225      | 100   |       |       |
| 223      | 0.0   | 0.0   | 0.0   |
| 227      | 64.0  | 51.5  | 77.3  |

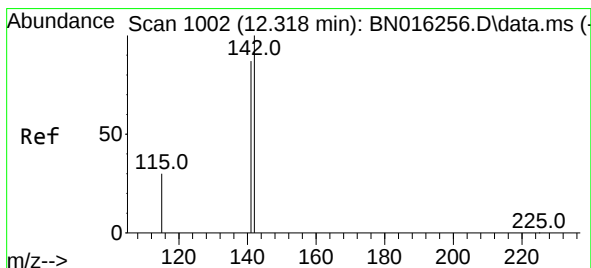
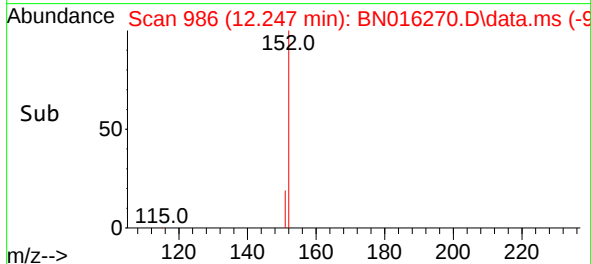
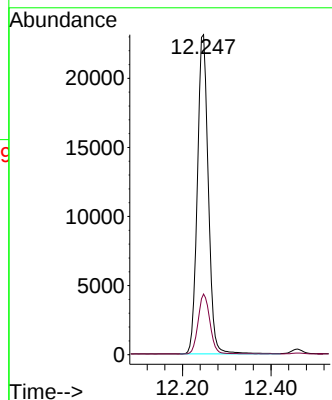
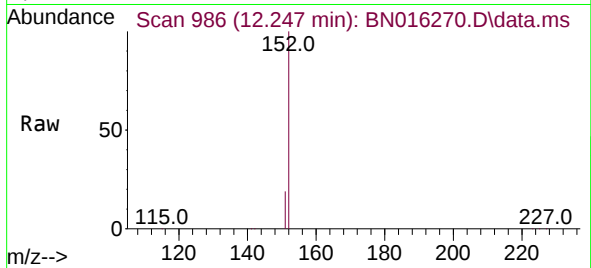




#11  
2-Methylnaphthalene-d10  
Concen: 0.382 ng  
RT: 12.247 min Scan# 986  
Delta R.T. -0.000 min  
Lab File: BN016270.D  
Acq: 09 Sep 2021 23:40

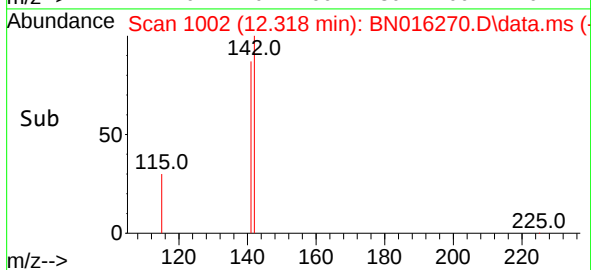
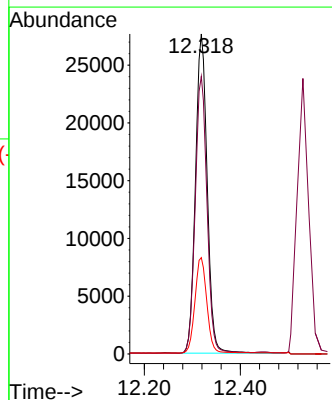
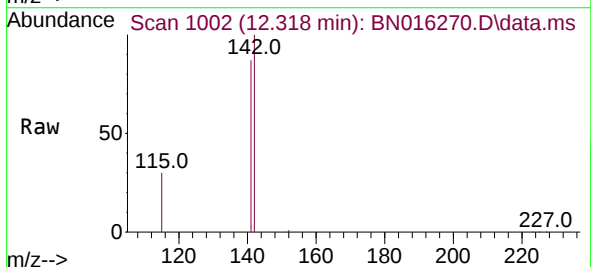
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

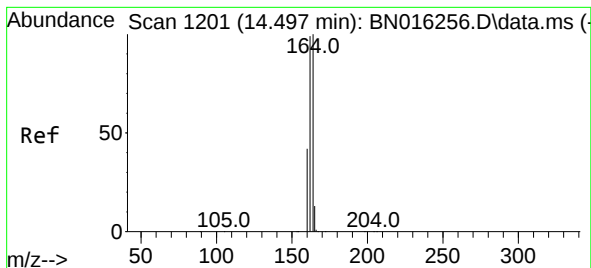
Tgt Ion:152 Resp: 39646  
Ion Ratio Lower Upper  
152 100  
151 20.2 16.1 24.1



#12  
2-Methylnaphthalene  
Concen: 0.392 ng  
RT: 12.318 min Scan# 1002  
Delta R.T. -0.000 min  
Lab File: BN016270.D  
Acq: 09 Sep 2021 23:40

Tgt Ion:142 Resp: 46841  
Ion Ratio Lower Upper  
142 100  
141 86.8 69.8 104.8  
115 30.1 24.4 36.6





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.484 min Scan# 1200

Delta R.T. -0.013 min

Lab File: BN016270.D

Acq: 09 Sep 2021 23:40

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4

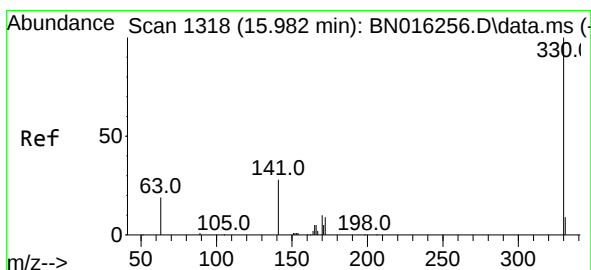
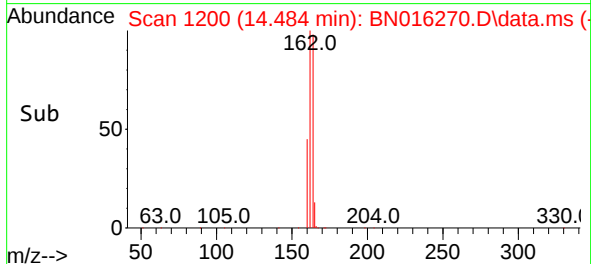
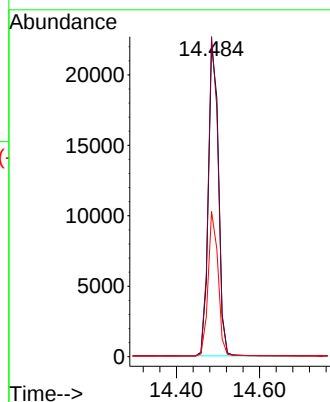
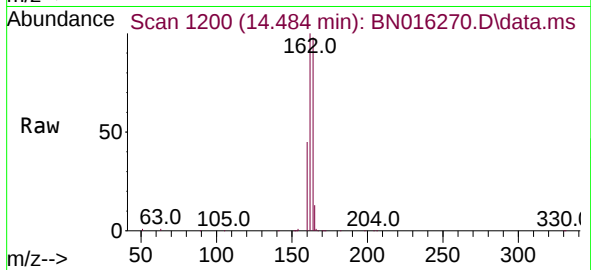
Tgt Ion:164 Resp: 37536

Ion Ratio Lower Upper

164 100

162 102.5 79.0 118.4

160 46.5 34.1 51.1



#14

2,4,6-Tribromophenol

Concen: 0.364 ng

RT: 15.982 min Scan# 1318

Delta R.T. -0.000 min

Lab File: BN016270.D

Acq: 09 Sep 2021 23:40

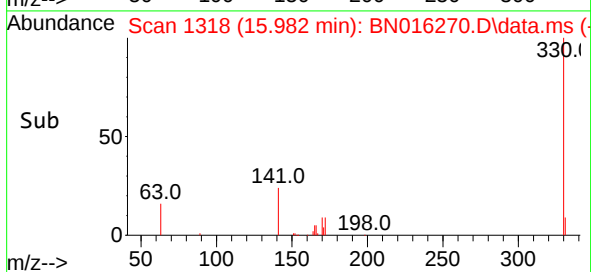
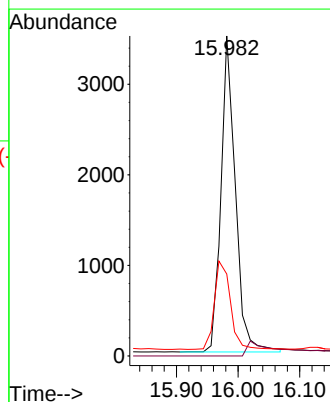
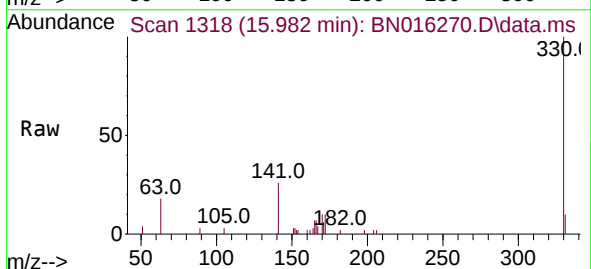
Tgt Ion:330 Resp: 5599

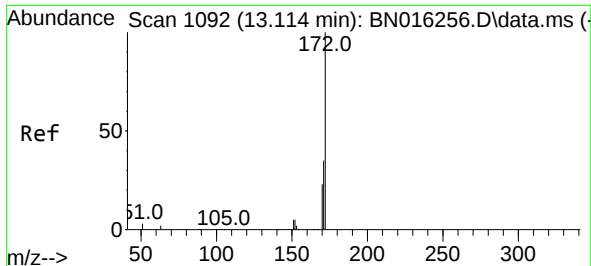
Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

141 31.2 25.0 37.4

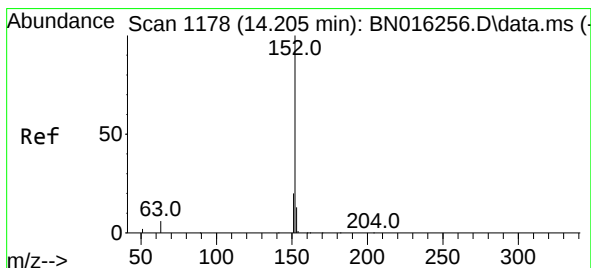
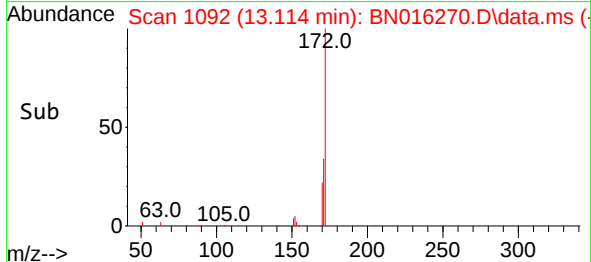
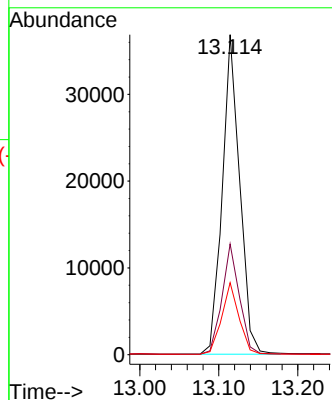
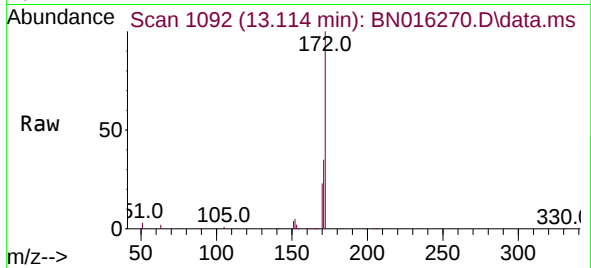




#15  
2-Fluorobiphenyl  
Concen: 0.386 ng  
RT: 13.114 min Scan# 1092  
Delta R.T. -0.000 min  
Lab File: BN016270.D  
Acq: 09 Sep 2021 23:40

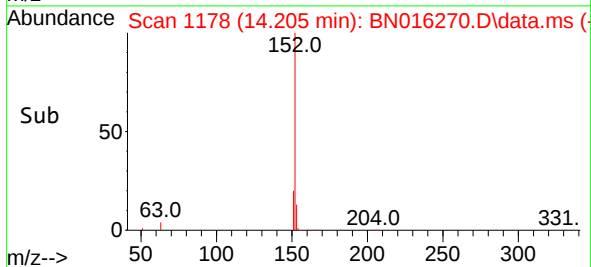
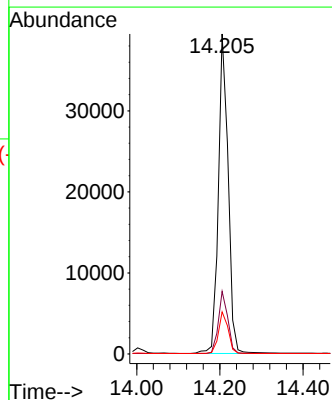
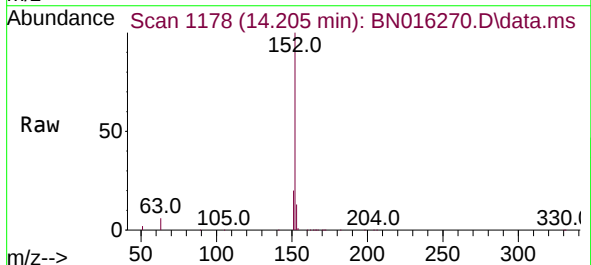
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

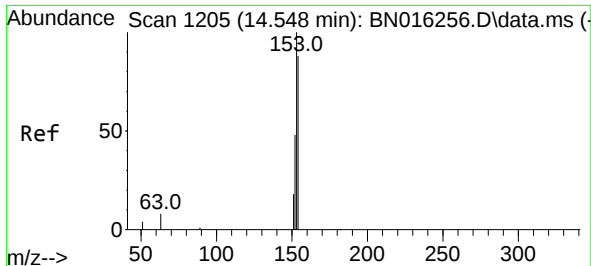
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 172   | Resp: | 56705 |
| Ion Ratio | Lower | Upper |       |
| 172       | 100   |       |       |
| 171       | 34.6  | 27.8  | 41.6  |
| 170       | 22.5  | 18.2  | 27.2  |



#16  
Acenaphthylene  
Concen: 0.382 ng  
RT: 14.205 min Scan# 1178  
Delta R.T. -0.000 min  
Lab File: BN016270.D  
Acq: 09 Sep 2021 23:40

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 152   | Resp: | 64135 |
| Ion Ratio | Lower | Upper |       |
| 152       | 100   |       |       |
| 151       | 19.0  | 15.2  | 22.8  |
| 153       | 13.0  | 10.5  | 15.7  |

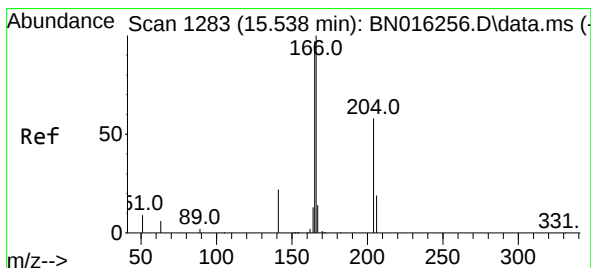
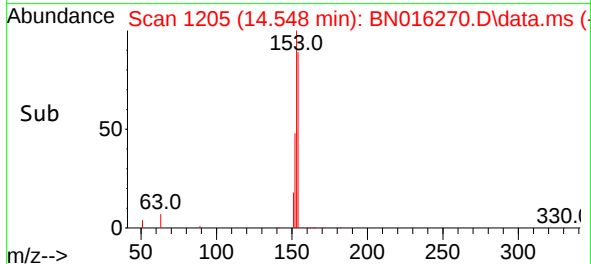
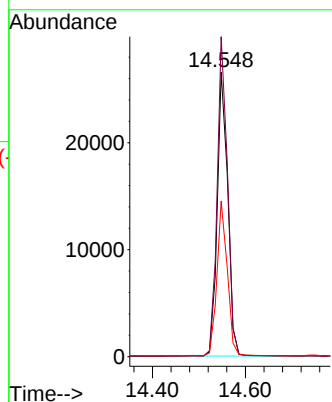
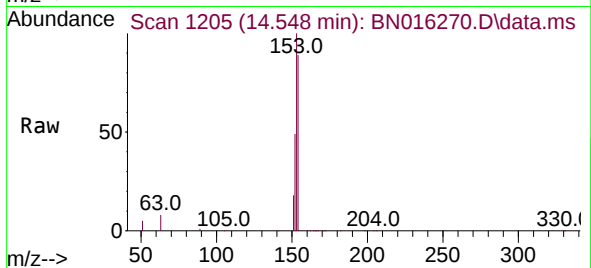




#17  
Acenaphthene  
Concen: 0.384 ng  
RT: 14.548 min Scan# 1205  
Delta R.T. -0.000 min  
Lab File: BN016270.D  
Acq: 09 Sep 2021 23:40

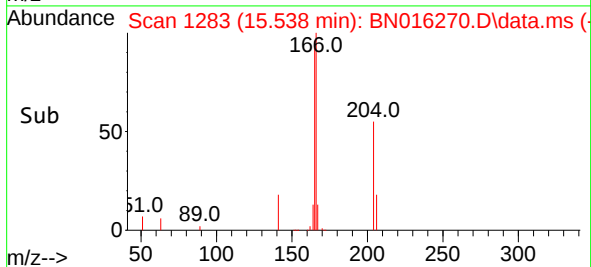
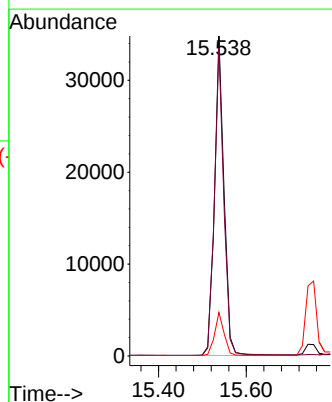
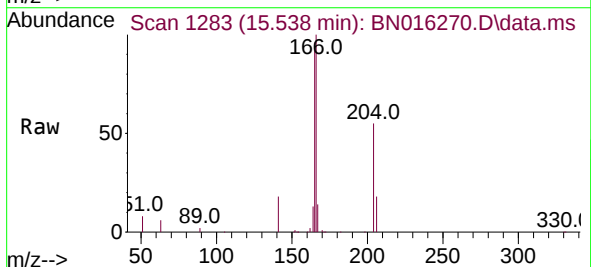
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

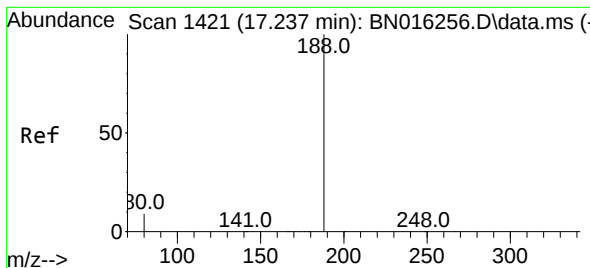
Tgt Ion:154 Resp: 41819  
Ion Ratio Lower Upper  
154 100  
153 110.6 89.3 133.9  
152 53.5 42.2 63.4



#18  
Fluorene  
Concen: 0.383 ng  
RT: 15.538 min Scan# 1283  
Delta R.T. -0.000 min  
Lab File: BN016270.D  
Acq: 09 Sep 2021 23:40

Tgt Ion:166 Resp: 51666  
Ion Ratio Lower Upper  
166 100  
165 95.8 76.7 115.1  
167 13.5 10.9 16.3

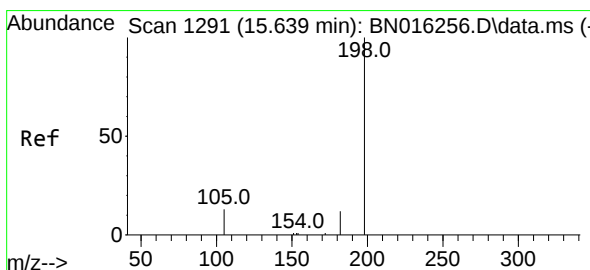
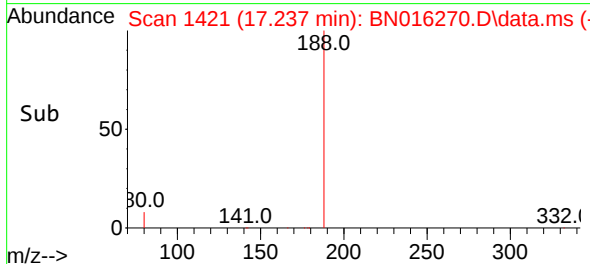
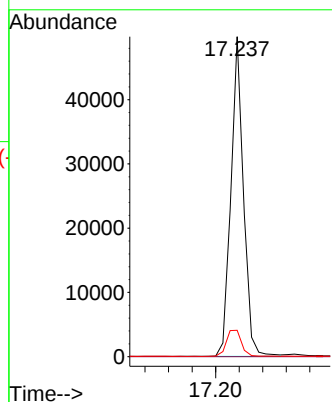
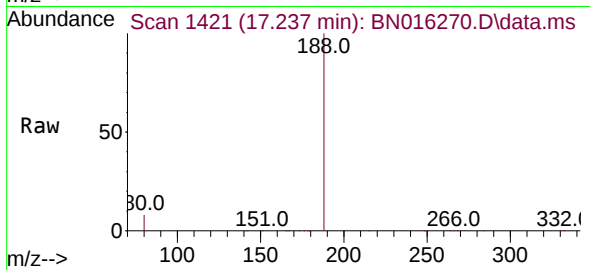




#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.237 min Scan# 1421  
Delta R.T. -0.000 min  
Lab File: BN016270.D  
Acq: 09 Sep 2021 23:40

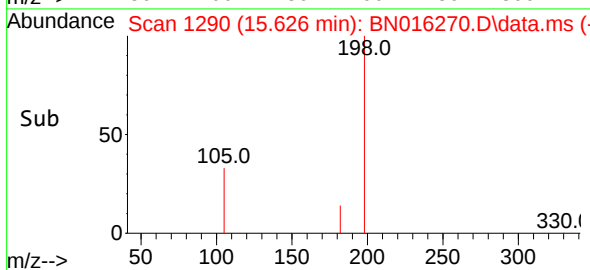
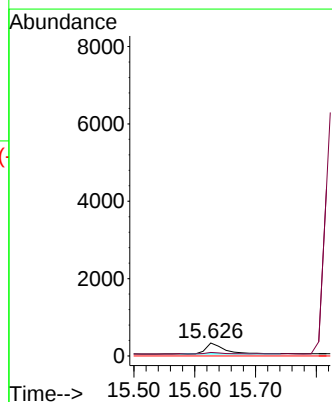
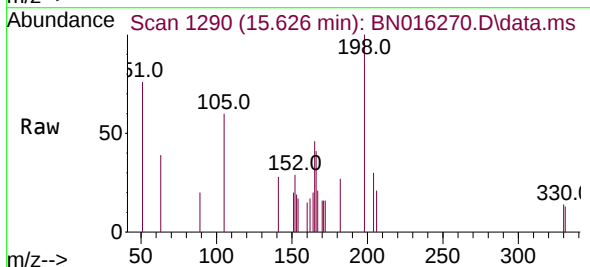
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

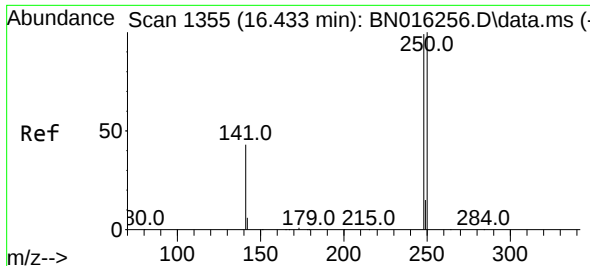
|             |       |       |
|-------------|-------|-------|
| Tgt Ion:188 | Resp: | 73854 |
| Ion Ratio   | Lower | Upper |
| 188         | 100   |       |
| 94          | 0.0   | 0.0   |
| 80          | 8.3   | 10.6  |



#20  
4,6-Dinitro-2-methylphenol  
Concen: 0.397 ng  
RT: 15.626 min Scan# 1290  
Delta R.T. -0.013 min  
Lab File: BN016270.D  
Acq: 09 Sep 2021 23:40

|             |       |       |
|-------------|-------|-------|
| Tgt Ion:198 | Resp: | 600   |
| Ion Ratio   | Lower | Upper |
| 198         | 100   |       |
| 182         | 26.8  | 39.8  |
| 77          | 0.0   | 0.0   |

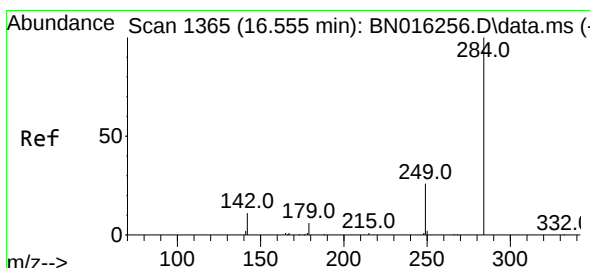
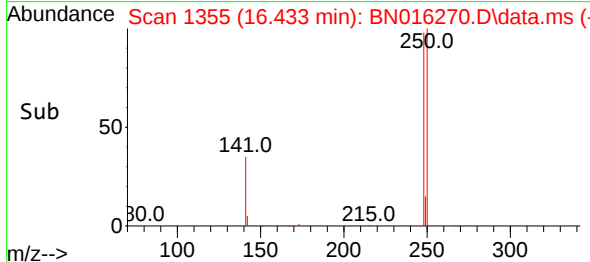
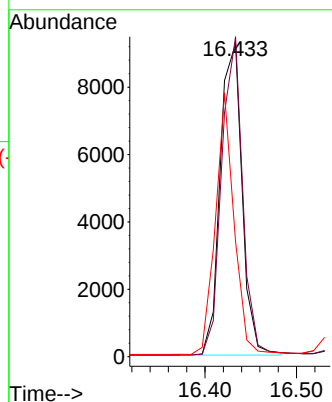
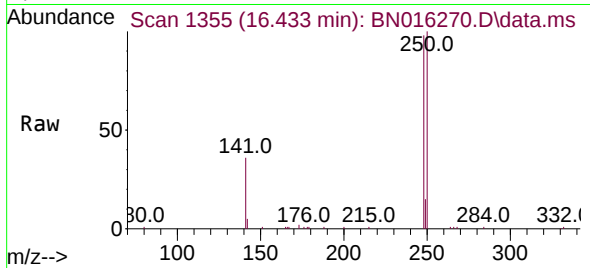




#21  
4-Bromophenyl-phenylether  
Concen: 0.391 ng  
RT: 16.433 min Scan# 1355  
Delta R.T. -0.000 min  
Lab File: BN016270.D  
Acq: 09 Sep 2021 23:40

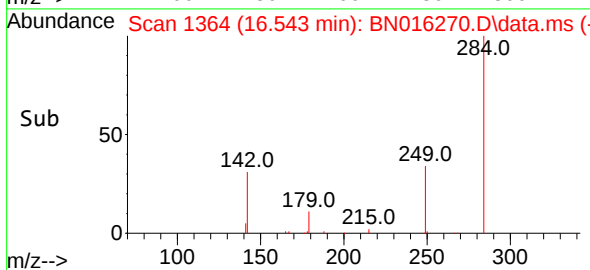
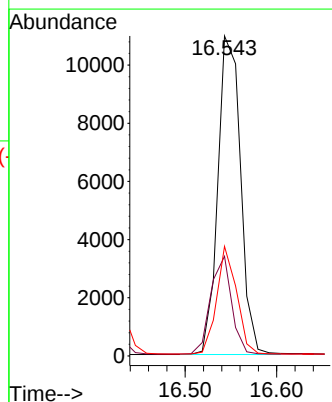
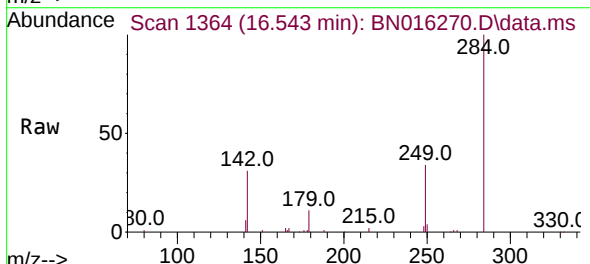
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

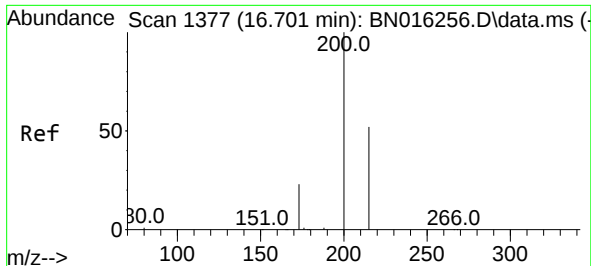
Tgt Ion:248 Resp: 15437  
Ion Ratio Lower Upper  
248 100  
250 102.3 80.5 120.7  
141 36.8 34.8 52.2



#22  
Hexachlorobenzene  
Concen: 0.399 ng  
RT: 16.543 min Scan# 1364  
Delta R.T. -0.012 min  
Lab File: BN016270.D  
Acq: 09 Sep 2021 23:40

Tgt Ion:284 Resp: 18891  
Ion Ratio Lower Upper  
284 100  
142 28.4 22.6 34.0  
249 29.6 24.4 36.6

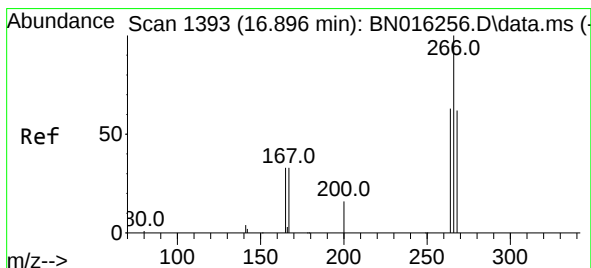
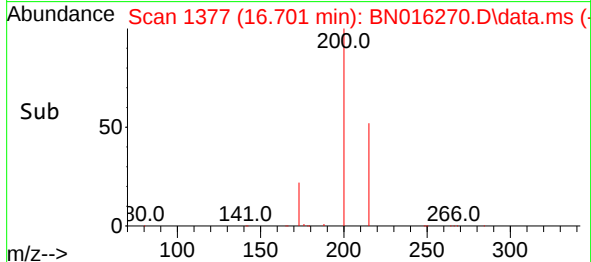
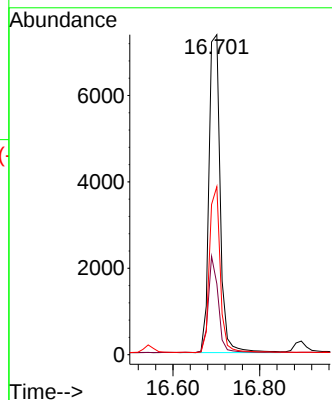
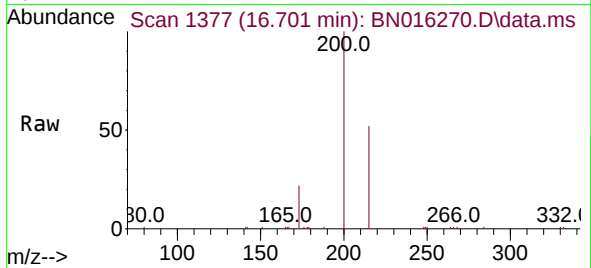




#23  
Atrazine  
Concen: 0.365 ng  
RT: 16.701 min Scan# 1377  
Delta R.T. -0.000 min  
Lab File: BN016270.D  
Acq: 09 Sep 2021 23:40

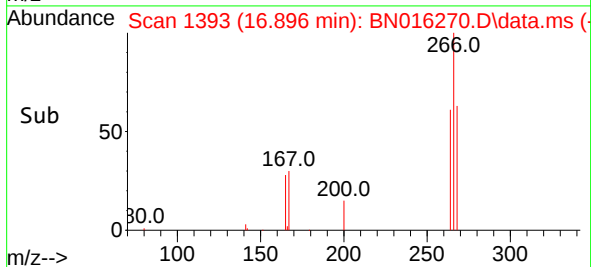
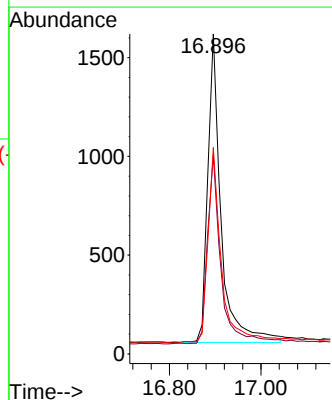
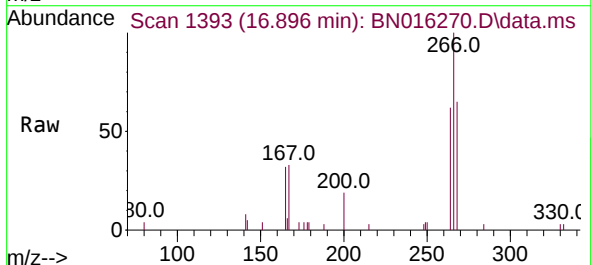
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ClientSampleId :  
SSTDCCC0.4

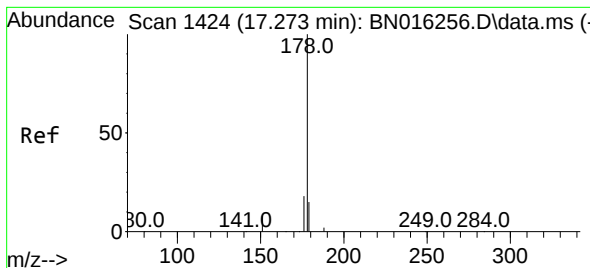
Tgt Ion:200 Resp: 13264  
Ion Ratio Lower Upper  
200 100  
173 22.2 18.7 28.1  
215 52.5 41.6 62.4



#24  
Pentachlorophenol  
Concen: 0.534 ng  
RT: 16.896 min Scan# 1393  
Delta R.T. -0.000 min  
Lab File: BN016270.D  
Acq: 09 Sep 2021 23:40

Tgt Ion:266 Resp: 3140  
Ion Ratio Lower Upper  
266 100  
264 60.9 50.6 75.8  
268 63.6 52.6 79.0

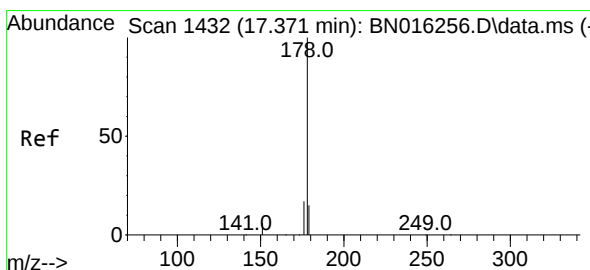
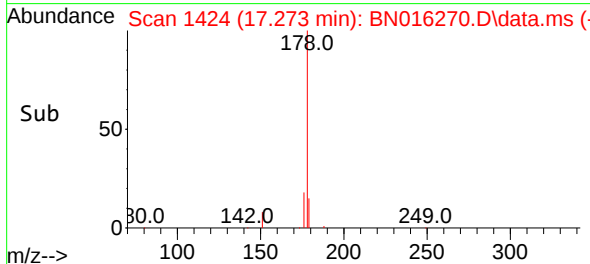
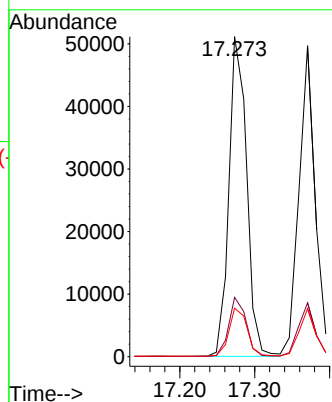
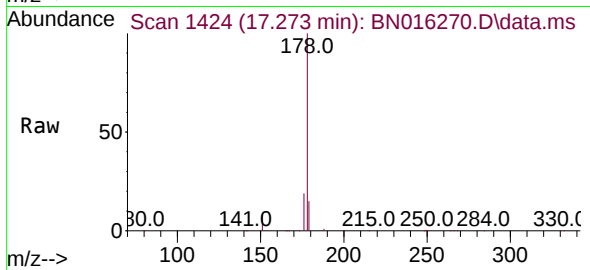




#25  
Phenanthrene  
Concen: 0.392 ng  
RT: 17.273 min Scan# 1424  
Delta R.T. 0.000 min  
Lab File: BN016270.D  
Acq: 09 Sep 2021 23:40

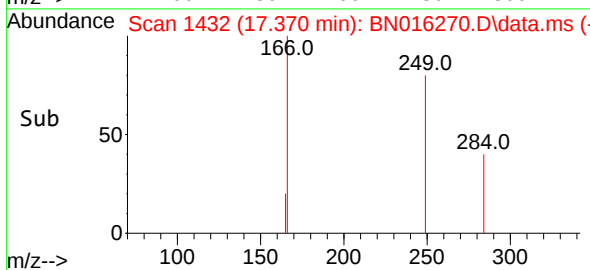
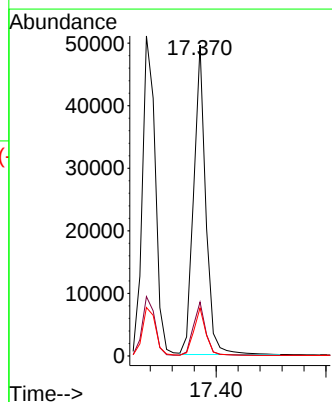
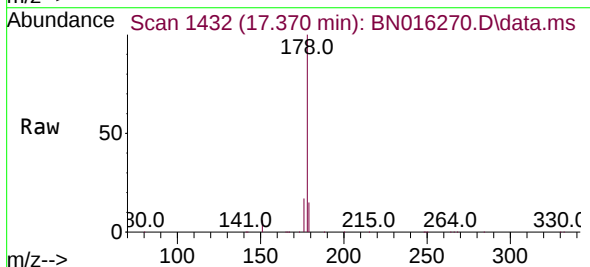
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ClientSampleId :  
SSTDCCC0.4

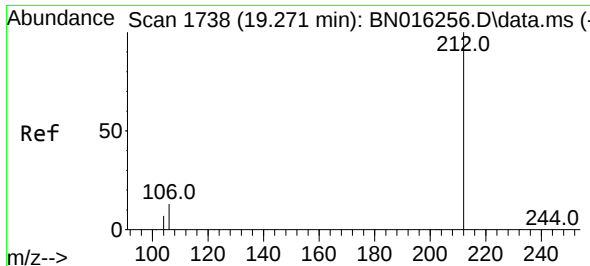
Tgt Ion:178 Resp: 84027  
Ion Ratio Lower Upper  
178 100  
176 18.1 14.4 21.6  
179 15.5 12.2 18.4



#26  
Anthracene  
Concen: 0.383 ng  
RT: 17.370 min Scan# 1432  
Delta R.T. -0.000 min  
Lab File: BN016270.D  
Acq: 09 Sep 2021 23:40

Tgt Ion:178 Resp: 75601  
Ion Ratio Lower Upper  
178 100  
176 17.5 13.9 20.9  
179 15.4 12.2 18.4

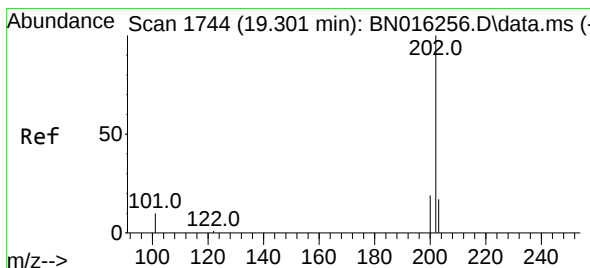
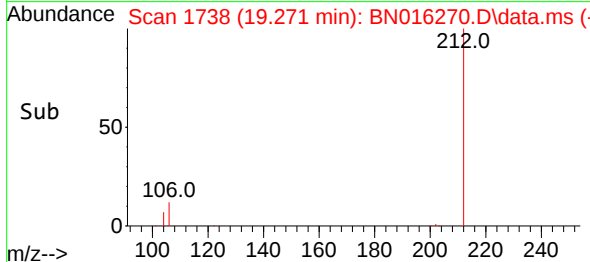
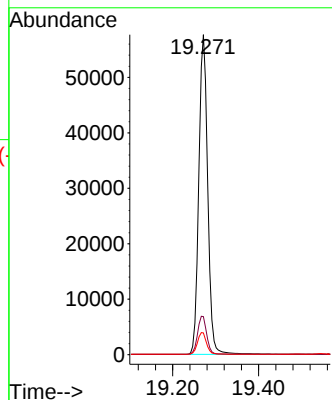
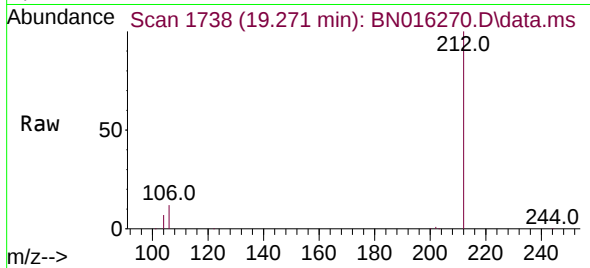




#27  
Fluoranthene-d10  
Concen: 0.381 ng  
RT: 19.271 min Scan# 1738  
Delta R.T. -0.000 min  
Lab File: BN016270.D  
Acq: 09 Sep 2021 23:40

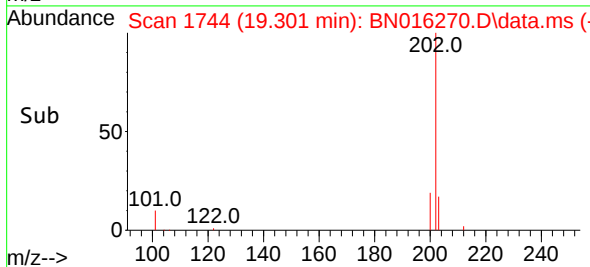
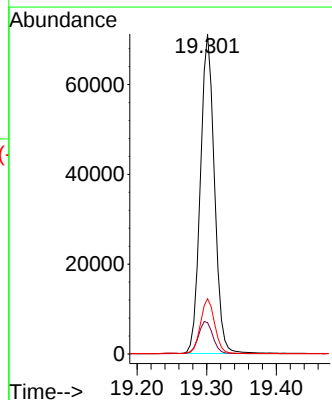
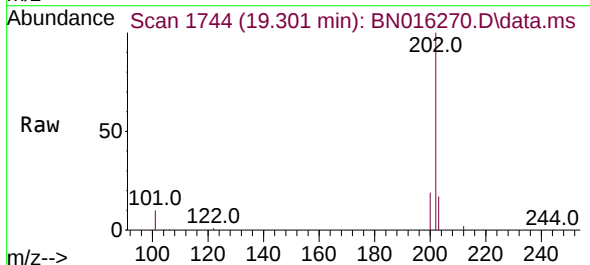
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BNA\_N  
ClientSampleId :  
SSTDCCC0.4

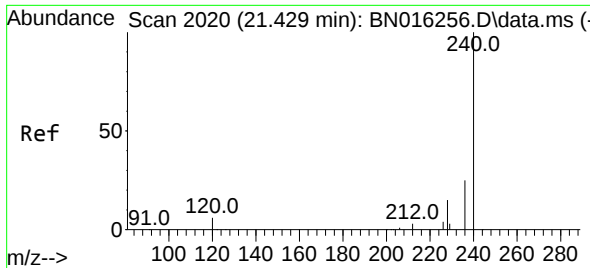
Tgt Ion:212 Resp: 82744  
Ion Ratio Lower Upper  
212 100  
106 12.3 9.8 14.6  
104 6.9 5.4 8.2



#28  
Fluoranthene  
Concen: 0.396 ng  
RT: 19.301 min Scan# 1744  
Delta R.T. 0.000 min  
Lab File: BN016270.D  
Acq: 09 Sep 2021 23:40

Tgt Ion:202 Resp: 99651  
Ion Ratio Lower Upper  
202 100  
101 10.6 8.5 12.7  
203 17.3 13.8 20.8

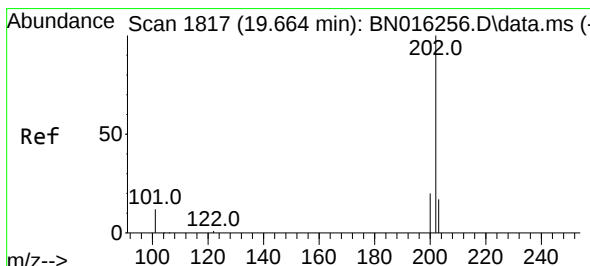
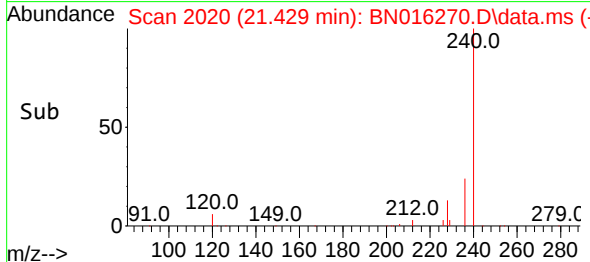
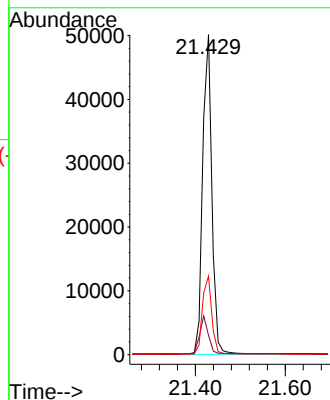
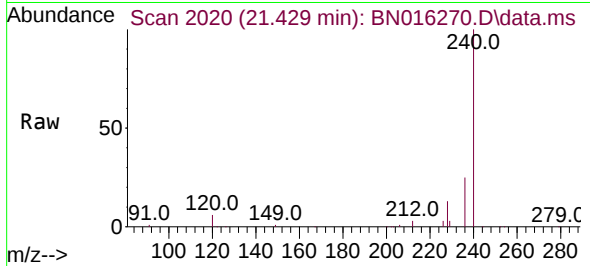




#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.429 min Scan# 2020  
Delta R.T. -0.000 min  
Lab File: BN016270.D  
Acq: 09 Sep 2021 23:40

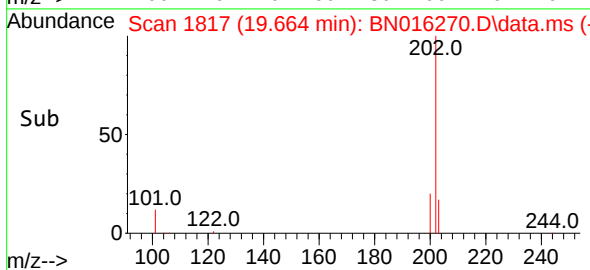
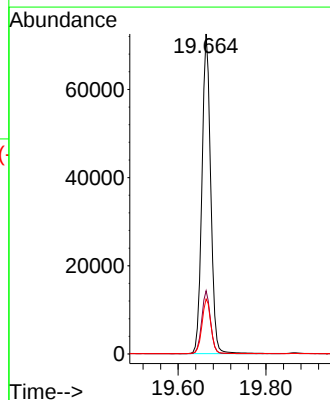
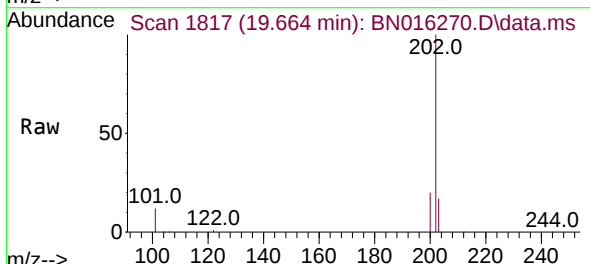
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

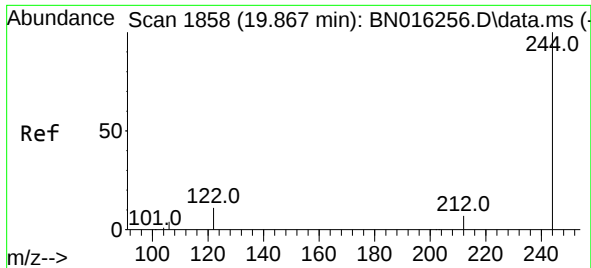
Tgt Ion:240 Resp: 71235  
Ion Ratio Lower Upper  
240 100  
120 6.0 5.3 7.9  
236 24.5 19.8 29.8



#30  
Pyrene  
Concen: 0.414 ng  
RT: 19.664 min Scan# 1817  
Delta R.T. -0.000 min  
Lab File: BN016270.D  
Acq: 09 Sep 2021 23:40

Tgt Ion:202 Resp: 99948  
Ion Ratio Lower Upper  
202 100  
200 19.7 15.8 23.6  
203 17.5 13.9 20.9

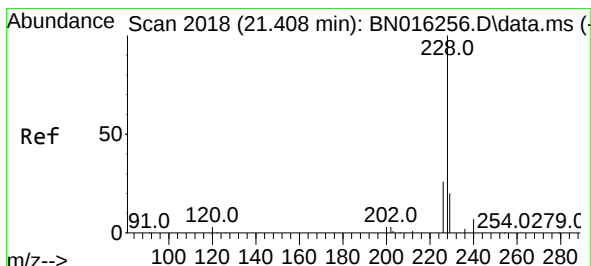
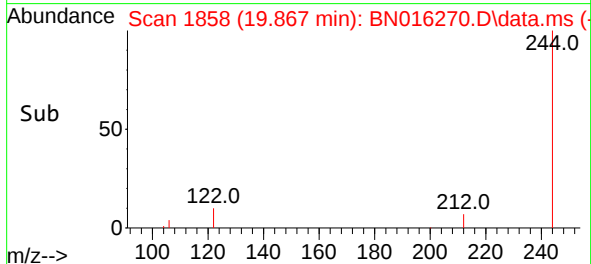
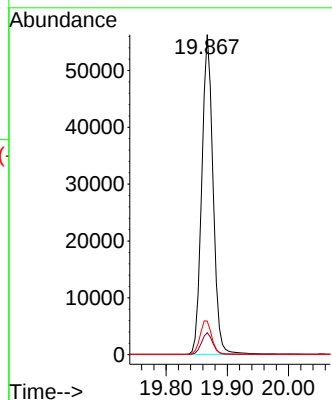
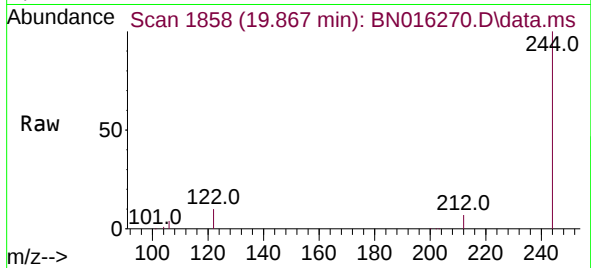




#31  
 Terphenyl-d14  
 Concen: 0.403 ng  
 RT: 19.867 min Scan# 1858  
 Delta R.T. -0.000 min  
 Lab File: BN016270.D  
 Acq: 09 Sep 2021 23:40

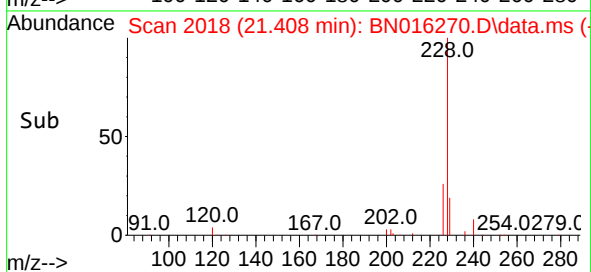
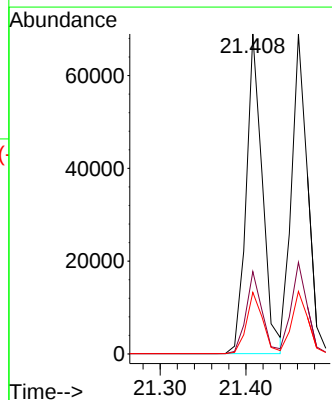
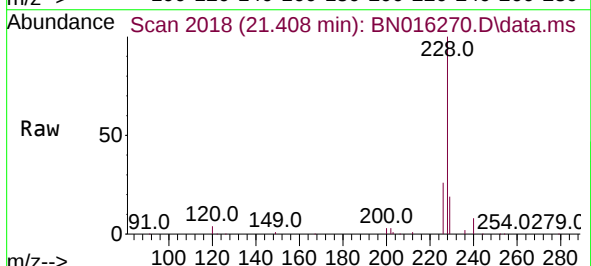
Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC0.4

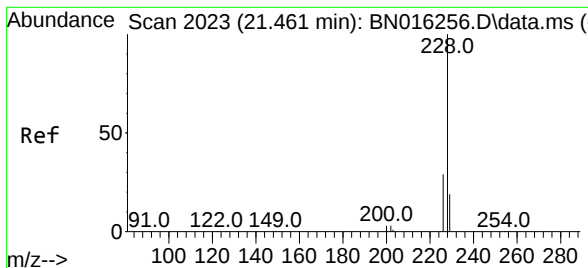
Tgt Ion:244 Resp: 72046  
 Ion Ratio Lower Upper  
 244 100  
 212 6.8 5.5 8.3  
 122 10.5 9.0 13.4



#32  
 Benzo(a)anthracene  
 Concen: 0.406 ng  
 RT: 21.408 min Scan# 2018  
 Delta R.T. -0.000 min  
 Lab File: BN016270.D  
 Acq: 09 Sep 2021 23:40

Tgt Ion:228 Resp: 90180  
 Ion Ratio Lower Upper  
 228 100  
 226 25.7 20.8 31.2  
 229 19.3 15.8 23.6





#33

Chrysene

Concen: 0.405 ng

RT: 21.461 min Scan# 2023

Delta R.T. -0.000 min

Lab File: BN016270.D

Acq: 09 Sep 2021 23:40

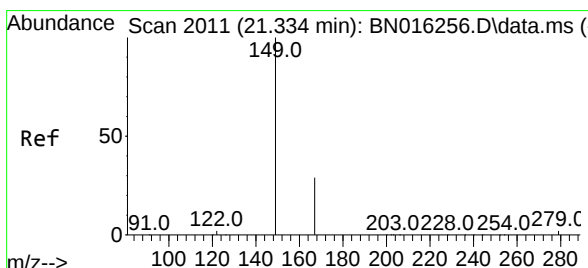
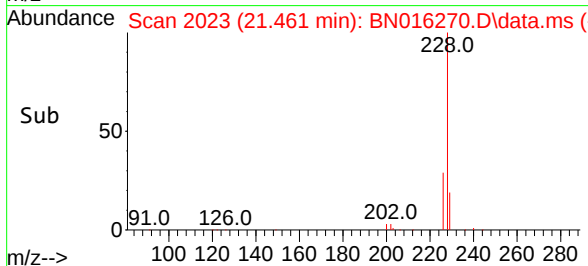
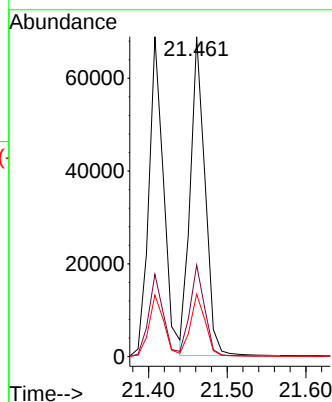
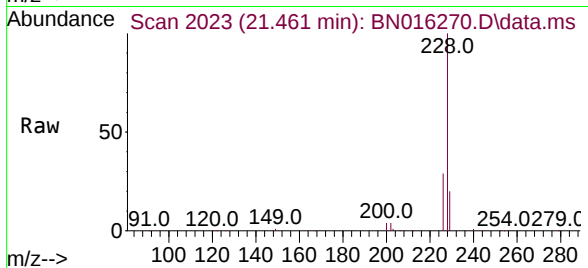
Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:228 | Resp: | 89216     |
| Ion Ratio   | Lower | Upper     |
| 228         | 100   |           |
| 226         | 28.7  | 23.0 34.4 |
| 229         | 19.6  | 15.6 23.4 |



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.376 ng

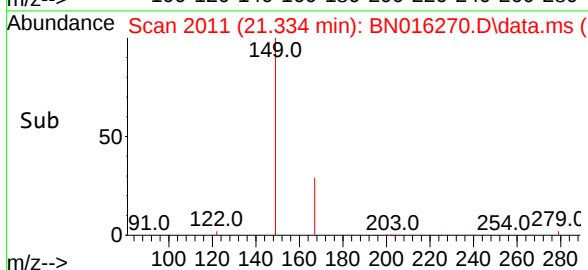
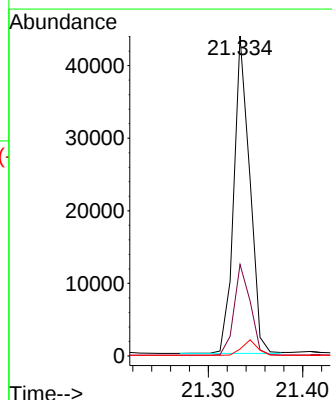
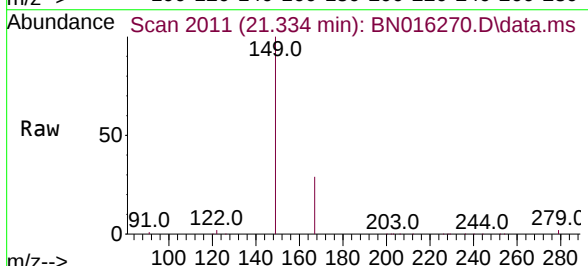
RT: 21.334 min Scan# 2011

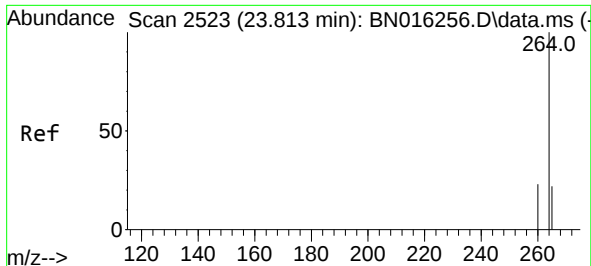
Delta R.T. -0.000 min

Lab File: BN016270.D

Acq: 09 Sep 2021 23:40

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:149 | Resp: | 51344     |
| Ion Ratio   | Lower | Upper     |
| 149         | 100   |           |
| 167         | 29.1  | 23.4 35.0 |
| 279         | 4.8   | 3.9 5.9   |



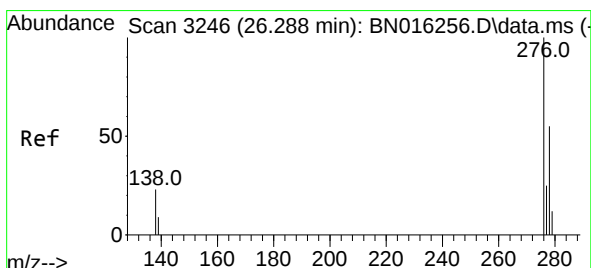
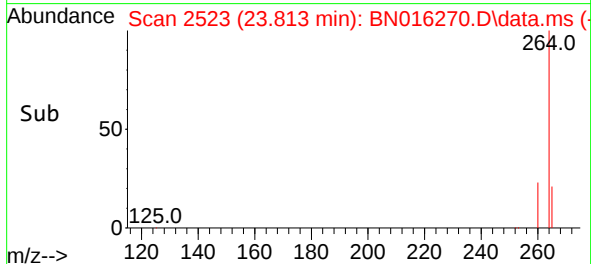
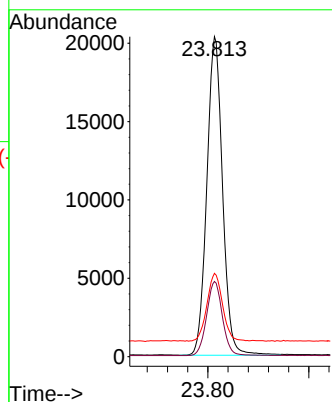
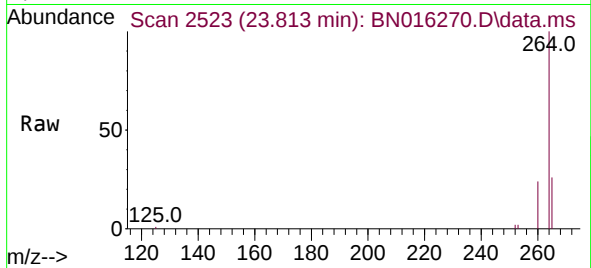


#35  
Perylene-d12  
Concen: 0.400 ng  
RT: 23.813 min Scan# 2523  
Delta R.T. -0.000 min  
Lab File: BN016270.D  
Acq: 09 Sep 2021 23:40

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

Tgt Ion:264 Resp: 43889  

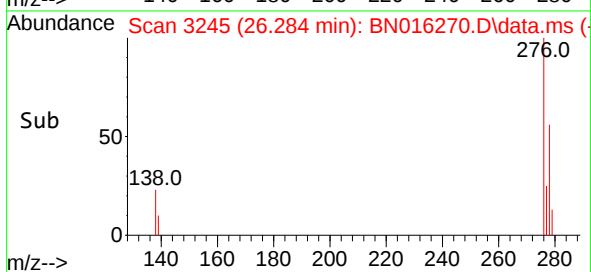
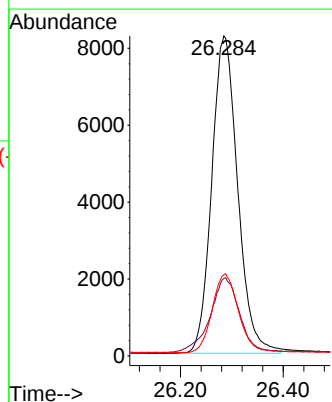
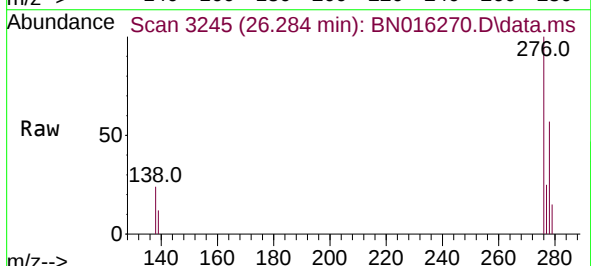
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 23.5  | 18.9  | 28.3  |
| 265 | 26.1  | 23.7  | 35.5  |

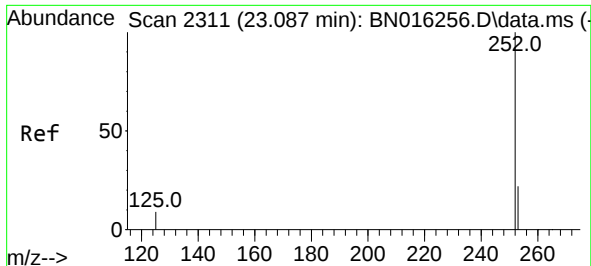


#36  
Indeno(1,2,3-cd)pyrene  
Concen: 0.395 ng  
RT: 26.284 min Scan# 3245  
Delta R.T. -0.003 min  
Lab File: BN016270.D  
Acq: 09 Sep 2021 23:40

Tgt Ion:276 Resp: 28877  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 276 | 100   |       |       |
| 138 | 25.1  | 19.3  | 28.9  |
| 277 | 25.1  | 20.2  | 30.2  |





#37

Benzo(b)fluoranthene

Concen: 0.385 ng

RT: 23.135 min Scan# 2325

Delta R.T. 0.048 min

Lab File: BN016270.D

Acq: 09 Sep 2021 23:40

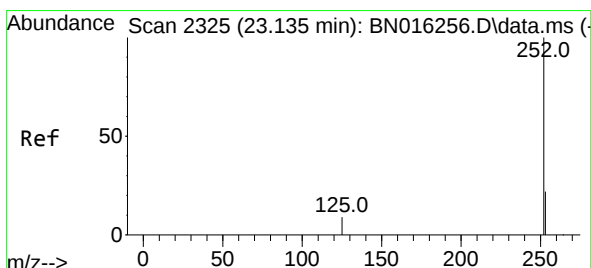
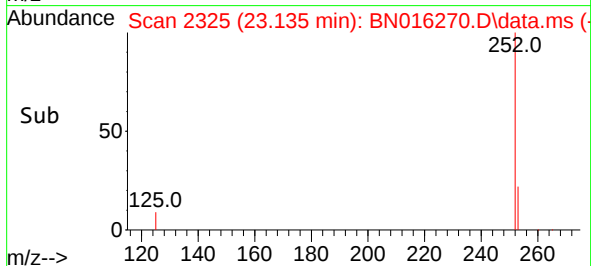
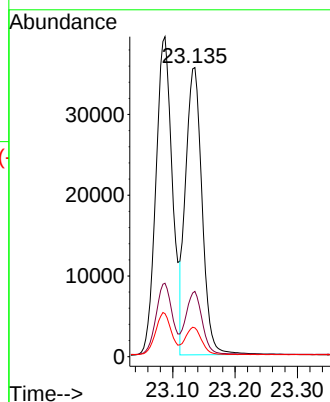
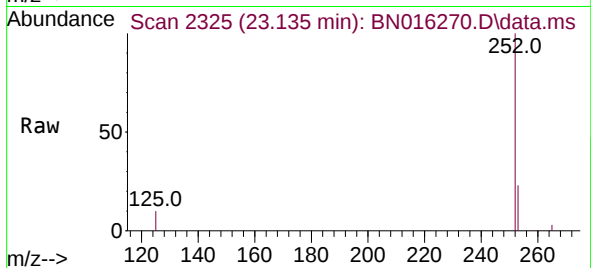
|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:252 | Resp: | 65156     |
| Ion Ratio   | Lower | Upper     |
| 252         | 100   |           |
| 253         | 22.6  | 18.2 27.2 |
| 125         | 10.0  | 8.4 12.6  |

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4



#38

Benzo(k)fluoranthene

Concen: 0.417 ng

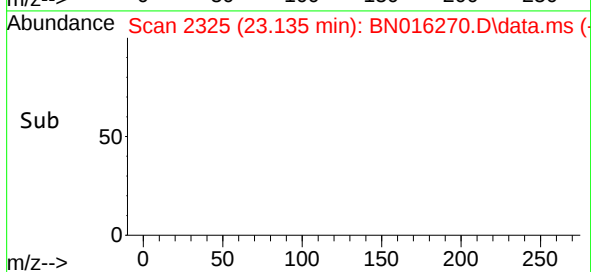
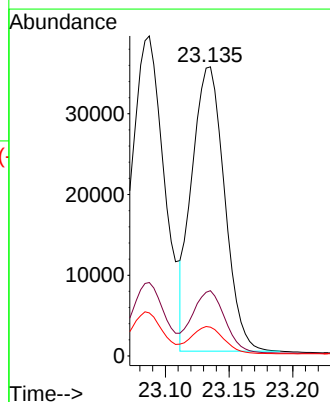
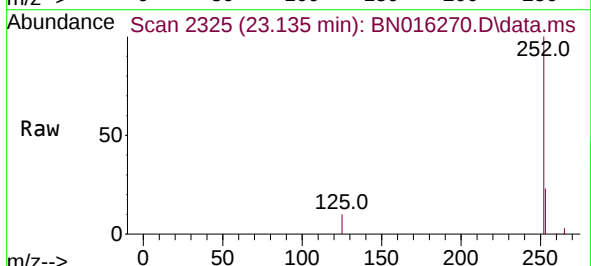
RT: 23.135 min Scan# 2325

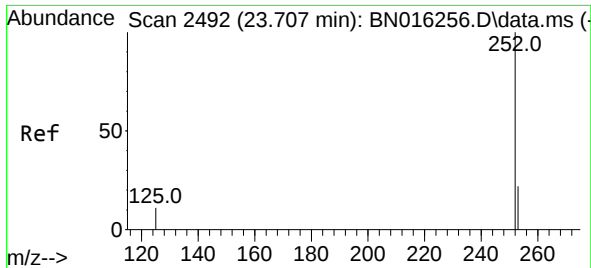
Delta R.T. -0.000 min

Lab File: BN016270.D

Acq: 09 Sep 2021 23:40

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:252 | Resp: | 62932     |
| Ion Ratio   | Lower | Upper     |
| 252         | 100   |           |
| 253         | 22.6  | 18.2 27.2 |
| 125         | 10.0  | 8.2 12.4  |

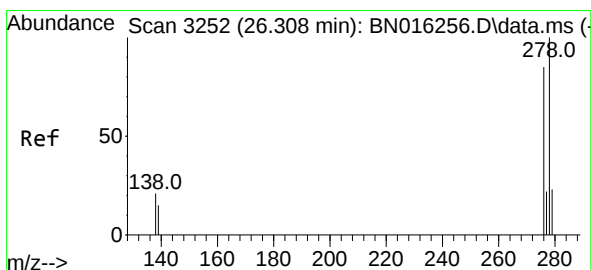
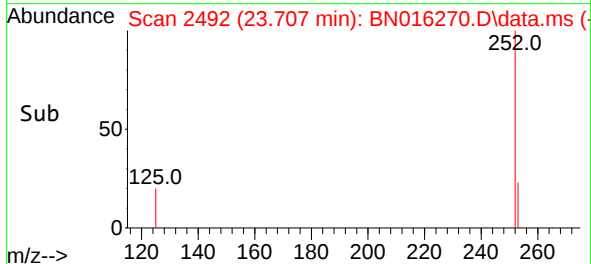
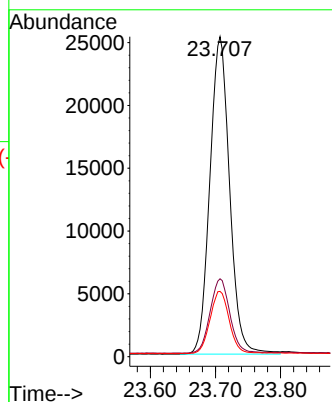
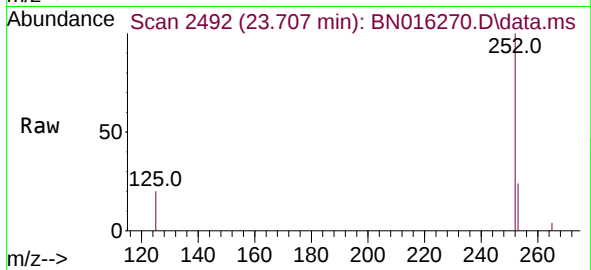




#39  
Benzo(a)pyrene  
Concen: 0.422 ng  
RT: 23.707 min Scan# 2492  
Delta R.T. -0.000 min  
Lab File: BN016270.D  
Acq: 09 Sep 2021 23:40

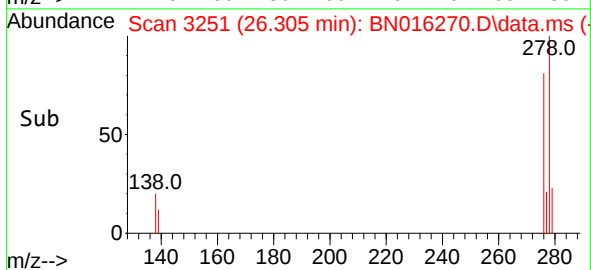
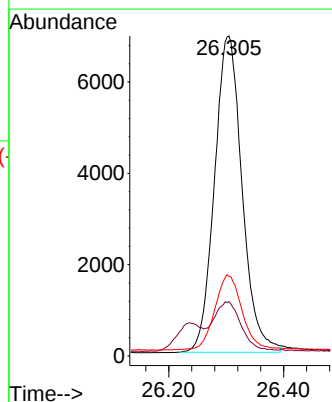
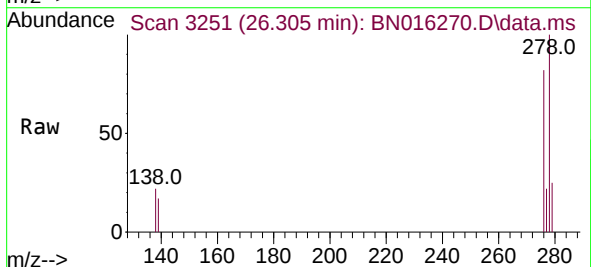
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

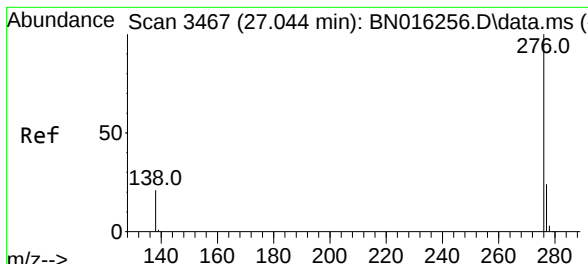
Tgt Ion:252 Resp: 53193  
Ion Ratio Lower Upper  
252 100  
253 24.3 18.7 28.1  
125 20.4 9.9 14.9#



#40  
Dibenzo(a,h)anthracene  
Concen: 0.414 ng  
RT: 26.305 min Scan# 3251  
Delta R.T. -0.003 min  
Lab File: BN016270.D  
Acq: 09 Sep 2021 23:40

Tgt Ion:278 Resp: 23132  
Ion Ratio Lower Upper  
278 100  
139 17.0 14.2 21.2  
279 24.9 21.3 31.9





#41  
 Benzo(g,h,i)perylene  
 Concen: 0.371 ng  
 RT: 27.041 min Scan# 3466  
 Delta R.T. -0.003 min  
 Lab File: BN016270.D  
 Acq: 09 Sep 2021 23:40

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC0.4

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 276   | Resp: | 22493 |
| Ion Ratio | Lower | Upper |       |
| 276       | 100   |       |       |
| 277       | 24.7  | 20.5  | 30.7  |
| 138       | 21.8  | 18.2  | 27.4  |

