

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN100121\  
 Data File : BN016614.D  
 Acq On : 30 Sep 2021 23:58  
 Operator : CG/JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC0.4EC

Quant Time: Oct 01 01:37:47 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN100121.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Sep 30 17:56:53 2021  
 Response via : Initial Calibration

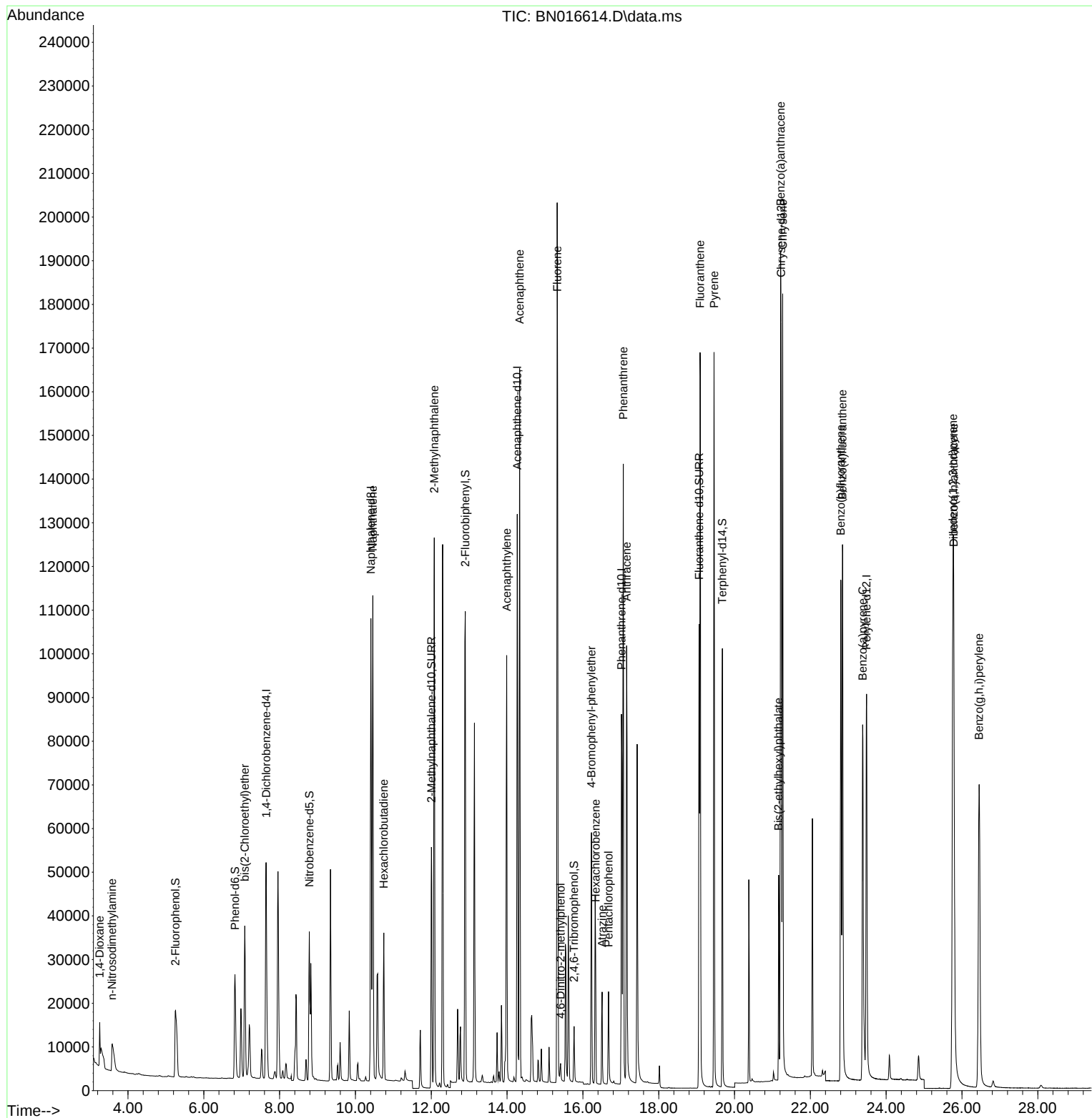
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.642  | 152  | 32237    | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.406 | 136  | 141364   | 0.400 | ng    | 0.00     |
| 13) Acenaphthene-d10          | 14.269 | 164  | 72211    | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.017 | 188  | 127122   | 0.400 | ng    | #-0.01   |
| 29) Chrysene-d12              | 21.227 | 240  | 117704   | 0.400 | ng    | #-0.01   |
| 35) Perylene-d12              | 23.481 | 264  | 121300   | 0.400 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.254  | 112  | 30094    | 0.367 | ng    | 0.00     |
| 5) Phenol-d6                  | 6.822  | 99   | 32110    | 0.357 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 8.784  | 82   | 30049    | 0.326 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 12.003 | 152  | 77266    | 0.370 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.766 | 330  | 10540    | 0.321 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 12.898 | 172  | 108486   | 0.371 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.068 | 212  | 122627   | 0.363 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.678 | 244  | 102508   | 0.401 | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       |          |
|                               |        |      |          |       |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.253  | 88   | 5784     | 0.390 | ng    | # 90     |
| 3) n-Nitrosodimethylamine     | 3.576  | 42   | 8637     | 0.363 | ng    | 99       |
| 6) bis(2-Chloroethyl)ether    | 7.080  | 93   | 33166    | 0.379 | ng    | 100      |
| 9) Naphthalene                | 10.457 | 128  | 142383   | 0.371 | ng    | 100      |
| 10) Hexachlorobutadiene       | 10.749 | 225  | 27117    | 0.376 | ng    | # 99     |
| 12) 2-Methylnaphthalene       | 12.078 | 142  | 92221    | 0.376 | ng    | 99       |
| 16) Acenaphthylene            | 13.989 | 152  | 111035   | 0.352 | ng    | 100      |
| 17) Acenaphthene              | 14.332 | 154  | 77671    | 0.365 | ng    | 99       |
| 18) Fluorene                  | 15.322 | 166  | 92059    | 0.366 | ng    | 100      |
| 20) 4,6-Dinitro-2-methylph... | 15.410 | 198  | 3161     | 0.327 | ng    | 98       |
| 21) 4-Bromophenyl-phenylether | 16.226 | 248  | 28900    | 0.366 | ng    | 98       |
| 22) Hexachlorobenzene         | 16.336 | 284  | 35492    | 0.388 | ng    | 99       |
| 23) Atrazine                  | 16.506 | 200  | 18082    | 0.315 | ng    | 100      |
| 24) Pentachlorophenol         | 16.677 | 266  | 10810    | 0.357 | ng    | 99       |
| 25) Phenanthrene              | 17.066 | 178  | 144057   | 0.377 | ng    | 100      |
| 26) Anthracene                | 17.151 | 178  | 116375   | 0.352 | ng    | 100      |
| 28) Fluoranthene              | 19.093 | 202  | 154707   | 0.375 | ng    | 100      |
| 30) Pyrene                    | 19.460 | 202  | 154219   | 0.405 | ng    | 100      |
| 32) Benzo(a)anthracene        | 21.217 | 228  | 133127   | 0.368 | ng    | 99       |
| 33) Chrysene                  | 21.270 | 228  | 154247   | 0.422 | ng    | 99       |
| 34) Bis(2-ethylhexyl)phtha... | 21.164 | 149  | 46870    | 0.325 | ng    | 99       |
| 36) Indeno(1,2,3-cd)pyrene    | 25.761 | 276  | 175325   | 0.405 | ng    | 99       |
| 37) Benzo(b)fluoranthene      | 22.803 | 252  | 149575   | 0.384 | ng    | 100      |
| 38) Benzo(k)fluoranthene      | 22.848 | 252  | 150583   | 0.391 | ng    | 98       |
| 39) Benzo(a)pyrene            | 23.382 | 252  | 132558   | 0.382 | ng    | 100      |
| 40) Dibenzo(a,h)anthracene    | 25.781 | 278  | 140435   | 0.402 | ng    | 99       |
| 41) Benzo(g,h,i)perylene      | 26.452 | 276  | 153296   | 0.401 | ng    | 100      |
| -----                         |        |      |          |       |       |          |

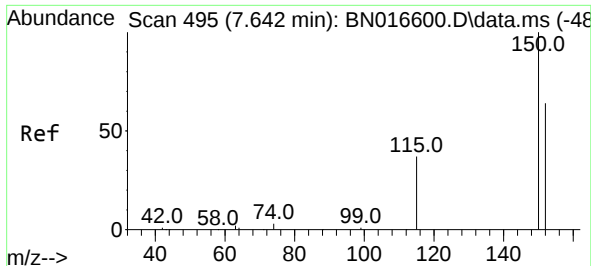
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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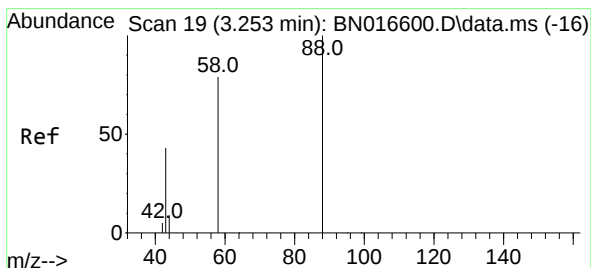
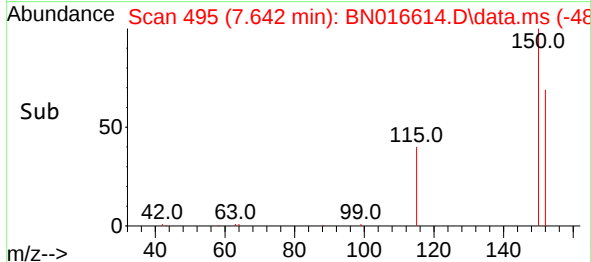
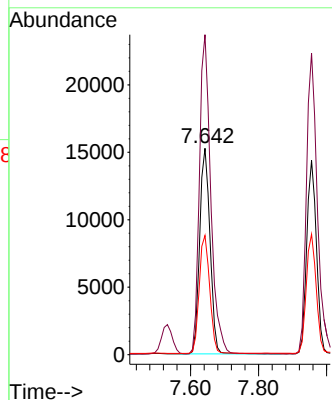
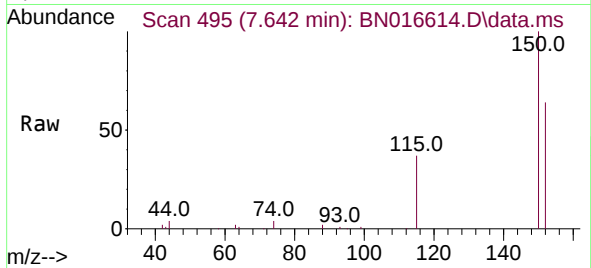




#1  
1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 7.642 min Scan# 495  
Delta R.T. 0.000 min  
Lab File: BN016614.D  
Acq: 30 Sep 2021 23:58

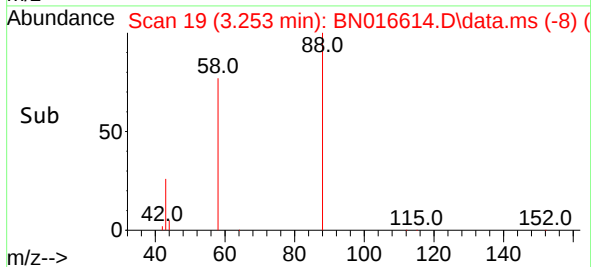
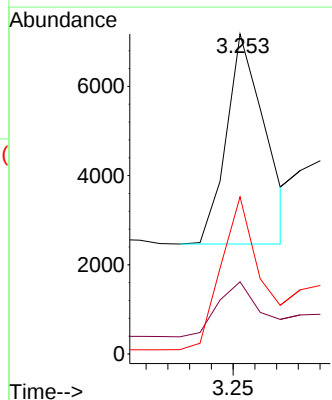
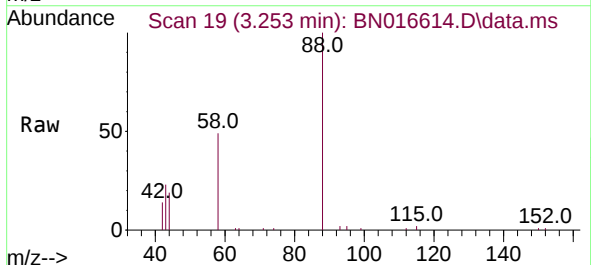
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

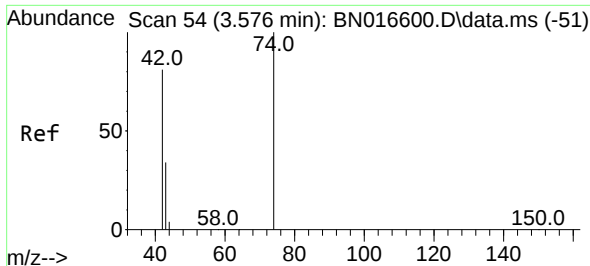
Tgt Ion:152 Resp: 32237  
Ion Ratio Lower Upper  
152 100  
150 155.1 124.6 186.8  
115 57.8 46.5 69.7



#2  
1,4-Dioxane  
Concen: 0.390 ng  
RT: 3.253 min Scan# 19  
Delta R.T. 0.000 min  
Lab File: BN016614.D  
Acq: 30 Sep 2021 23:58

Tgt Ion: 88 Resp: 5784  
Ion Ratio Lower Upper  
88 100  
43 29.1 37.8 56.8#  
58 76.5 61.3 91.9

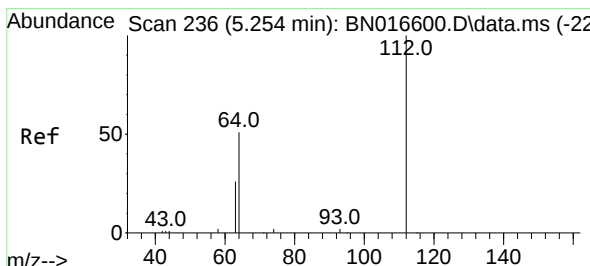
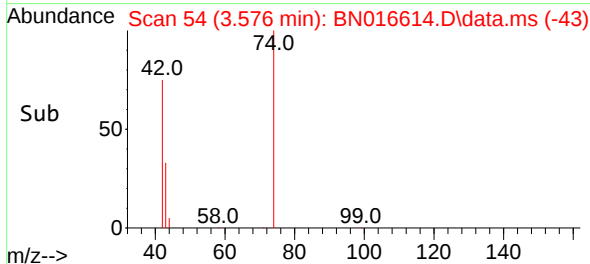
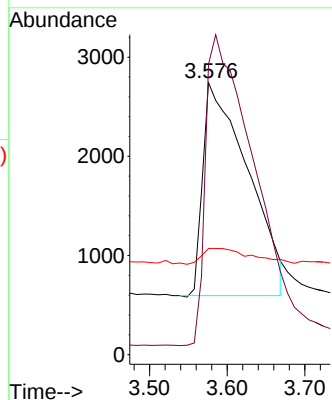
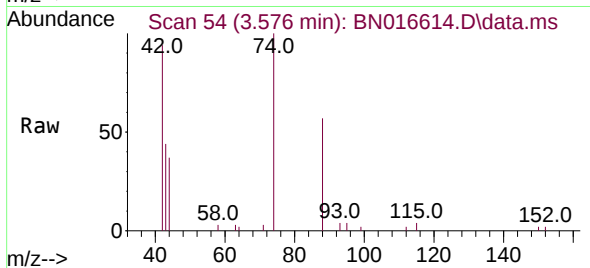




#3  
n-Nitrosodimethylamine  
Concen: 0.363 ng  
RT: 3.576 min Scan# 54  
Delta R.T. 0.000 min  
Lab File: BN016614.D  
Acq: 30 Sep 2021 23:58

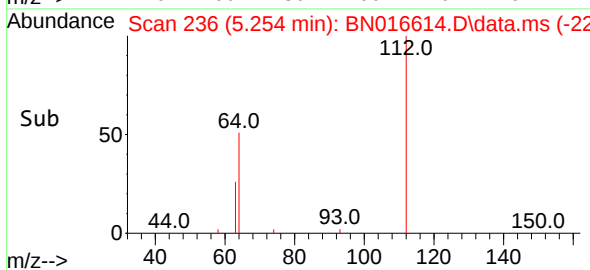
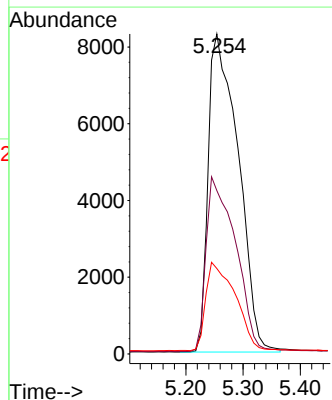
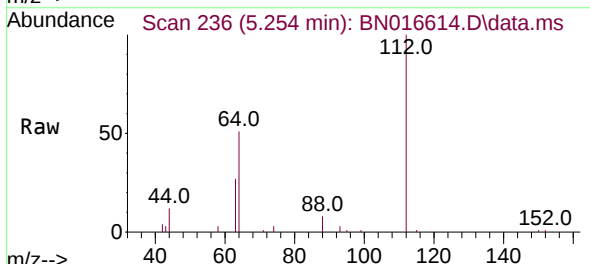
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

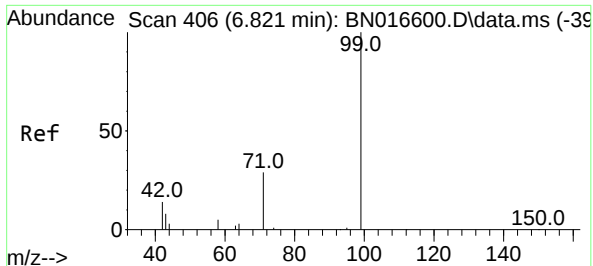
Tgt Ion: 42 Resp: 8637  
Ion Ratio Lower Upper  
42 100  
74 152.7 121.6 182.4  
44 7.7 6.3 9.5



#4  
2-Fluorophenol  
Concen: 0.367 ng  
RT: 5.254 min Scan# 236  
Delta R.T. 0.000 min  
Lab File: BN016614.D  
Acq: 30 Sep 2021 23:58

Tgt Ion: 112 Resp: 30094  
Ion Ratio Lower Upper  
112 100  
64 53.9 43.1 64.7  
63 27.4 21.6 32.4

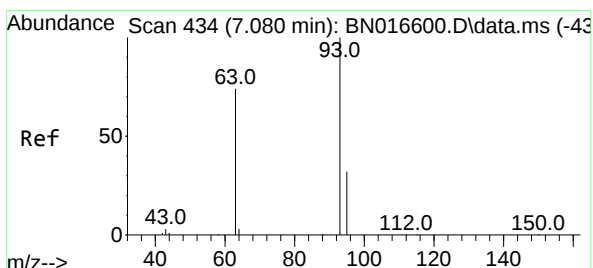
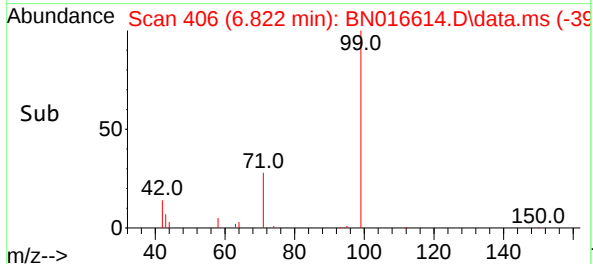
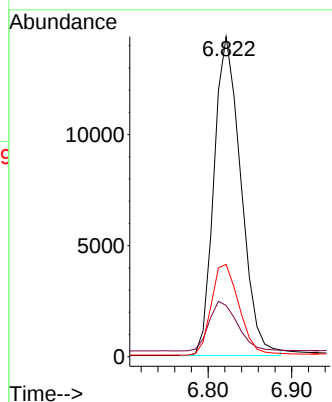
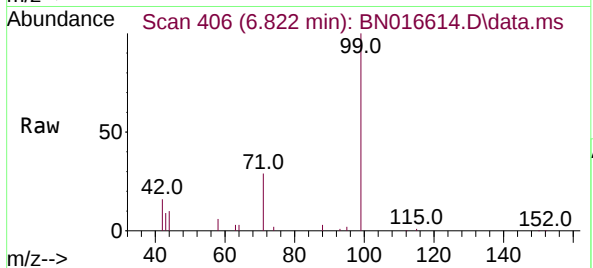




#5  
Phenol-d6  
Concen: 0.357 ng  
RT: 6.822 min Scan# 406  
Delta R.T. 0.000 min  
Lab File: BN016614.D  
Acq: 30 Sep 2021 23:58

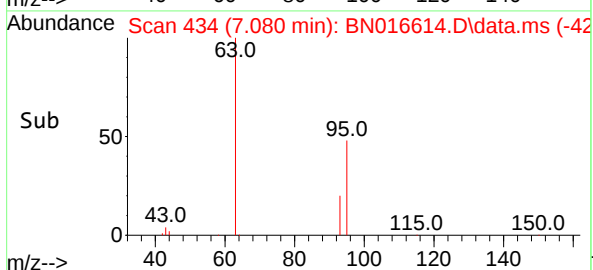
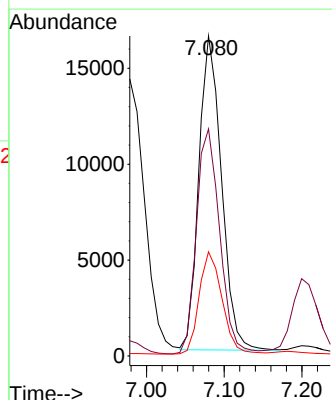
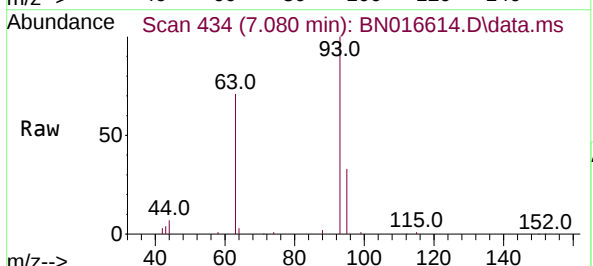
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

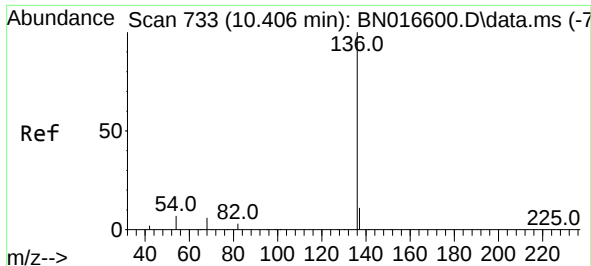
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 99    | Resp: | 32110 |
| Ion      | Ratio | Lower | Upper |
| 99       | 100   |       |       |
| 42       | 16.4  | 13.0  | 19.6  |
| 71       | 29.4  | 23.5  | 35.3  |



#6  
bis(2-Chloroethyl)ether  
Concen: 0.379 ng  
RT: 7.080 min Scan# 434  
Delta R.T. 0.000 min  
Lab File: BN016614.D  
Acq: 30 Sep 2021 23:58

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 93    | Resp: | 33166 |
| Ion      | Ratio | Lower | Upper |
| 93       | 100   |       |       |
| 63       | 73.9  | 59.1  | 88.7  |
| 95       | 32.9  | 26.2  | 39.4  |

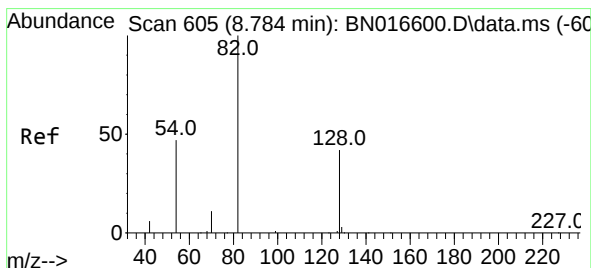
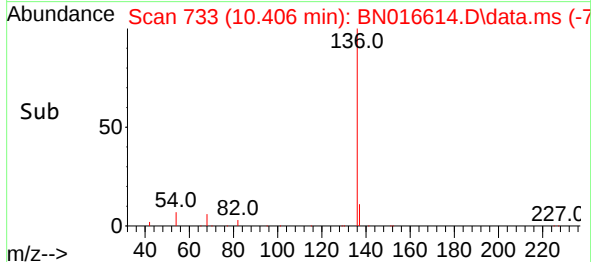
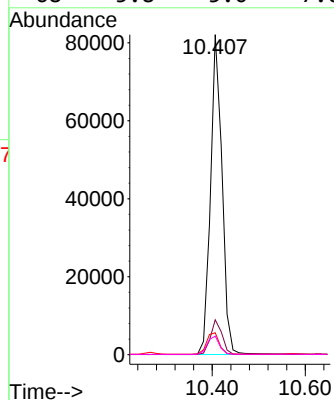
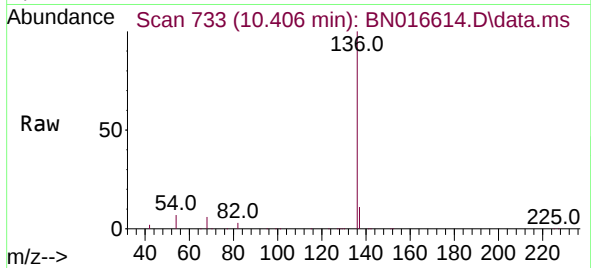




#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.406 min Scan# 733  
Delta R.T. 0.000 min  
Lab File: BN016614.D  
Acq: 30 Sep 2021 23:58

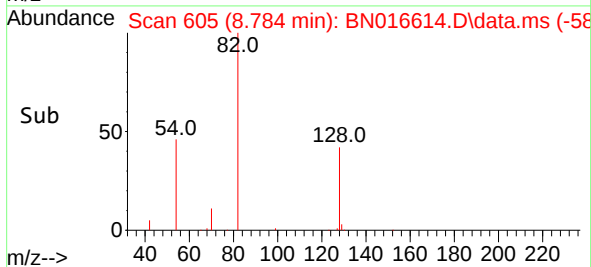
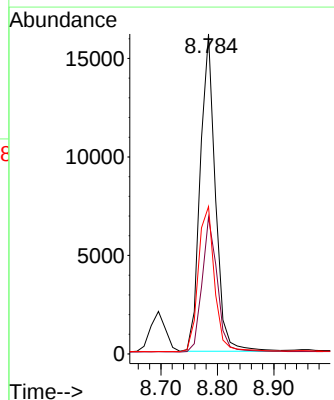
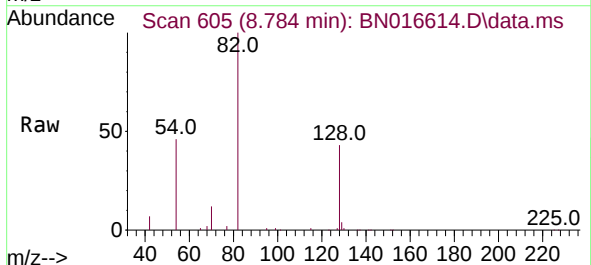
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

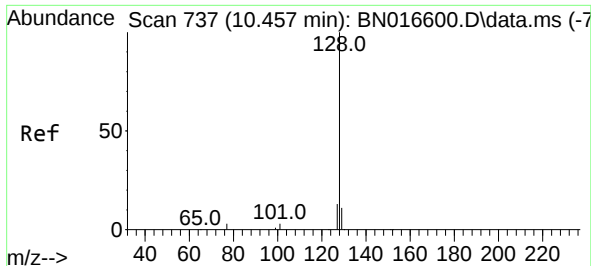
|             |       |          |
|-------------|-------|----------|
| Tgt Ion:136 | Resp: | 141364   |
| Ion Ratio   | Lower | Upper    |
| 136         | 100   |          |
| 137         | 10.9  | 8.7 13.1 |
| 54          | 6.9   | 5.9 8.9  |
| 68          | 5.8   | 5.0 7.6  |



#8  
Nitrobenzene-d5  
Concen: 0.326 ng  
RT: 8.784 min Scan# 605  
Delta R.T. 0.000 min  
Lab File: BN016614.D  
Acq: 30 Sep 2021 23:58

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion: 82 | Resp: | 30049     |
| Ion Ratio   | Lower | Upper     |
| 82          | 100   |           |
| 128         | 42.7  | 33.6 50.4 |
| 54          | 46.1  | 37.6 56.4 |

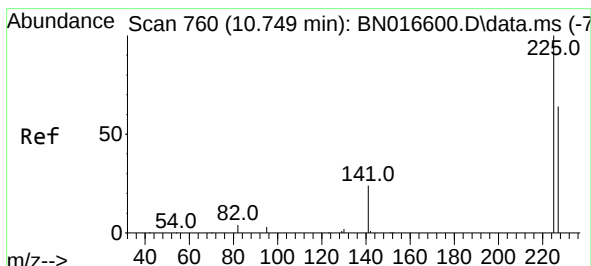
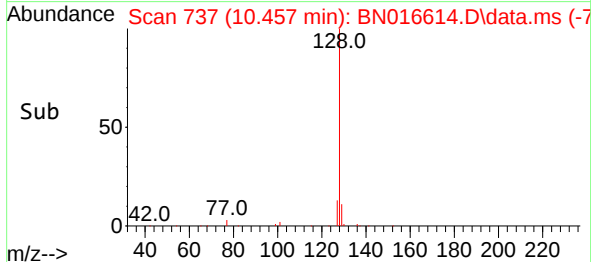
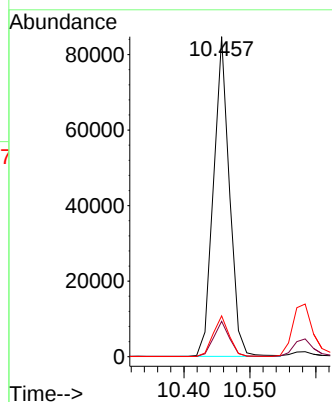
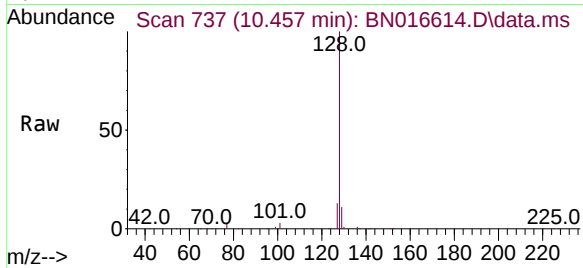




#9  
Naphthalene  
Concen: 0.371 ng  
RT: 10.457 min Scan# 737  
Delta R.T. 0.000 min  
Lab File: BN016614.D  
Acq: 30 Sep 2021 23:58

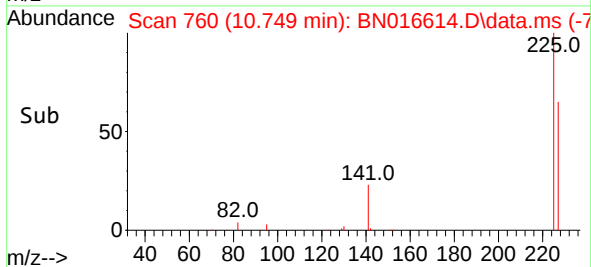
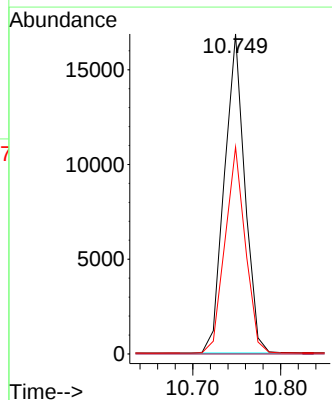
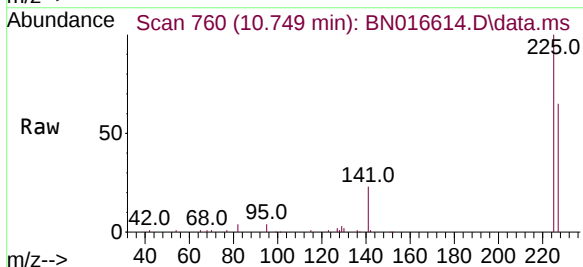
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

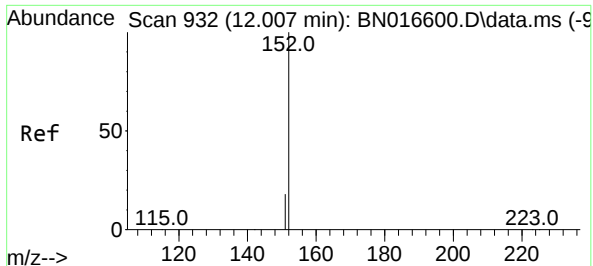
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Ion Ratio Lower Upper  
128 100  
129 11.0 8.8 13.2  
127 12.8 10.3 15.5



#10  
Hexachlorobutadiene  
Concen: 0.376 ng  
RT: 10.749 min Scan# 760  
Delta R.T. 0.000 min  
Lab File: BN016614.D  
Acq: 30 Sep 2021 23:58

Tgt Ion:225 Resp: 27117  
Ion Ratio Lower Upper  
225 100  
223 0.0 0.0 0.0  
227 64.3 51.0 76.6

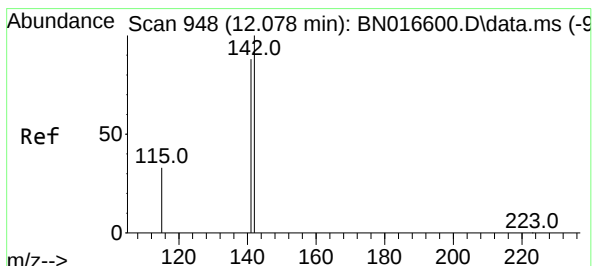
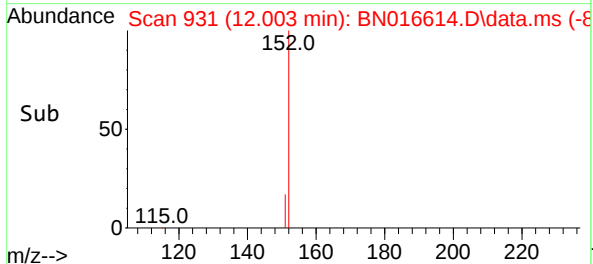
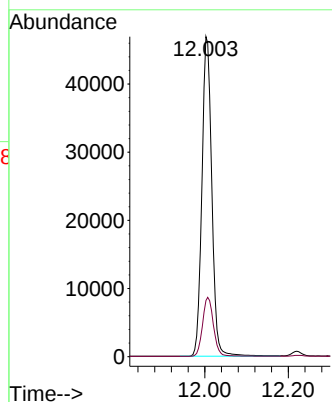
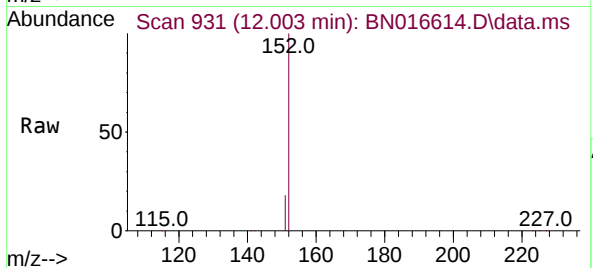




#11  
2-Methylnaphthalene-d10  
Concen: 0.370 ng  
RT: 12.003 min Scan# 931  
Delta R.T. -0.004 min  
Lab File: BN016614.D  
Acq: 30 Sep 2021 23:58

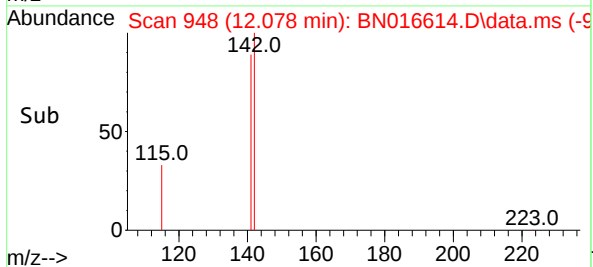
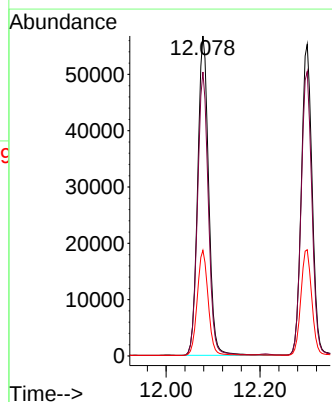
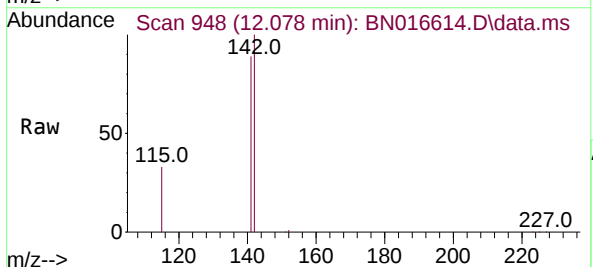
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

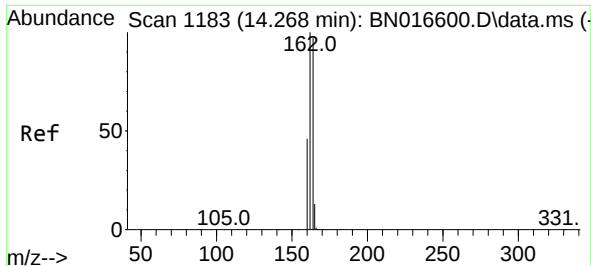
Tgt Ion:152 Resp: 77266  
Ion Ratio Lower Upper  
152 100  
151 20.3 16.2 24.4



#12  
2-Methylnaphthalene  
Concen: 0.376 ng  
RT: 12.078 min Scan# 948  
Delta R.T. 0.000 min  
Lab File: BN016614.D  
Acq: 30 Sep 2021 23:58

Tgt Ion:142 Resp: 92221  
Ion Ratio Lower Upper  
142 100  
141 88.8 70.6 105.8  
115 33.0 26.6 39.8

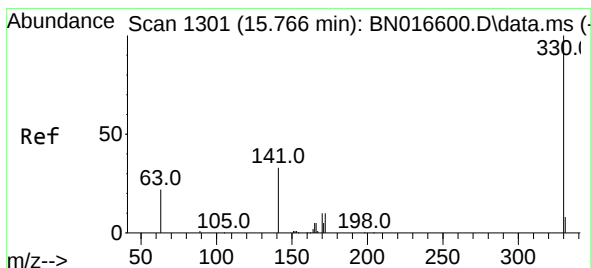
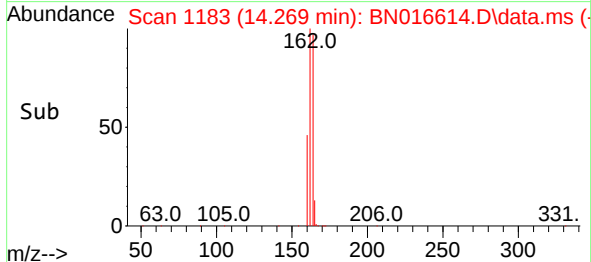
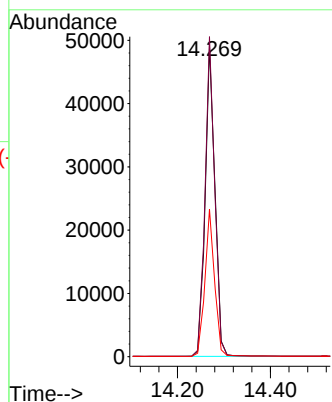
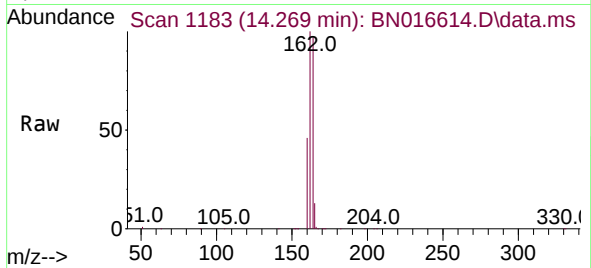




#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.269 min Scan# 1183  
Delta R.T. 0.000 min  
Lab File: BN016614.D  
Acq: 30 Sep 2021 23:58

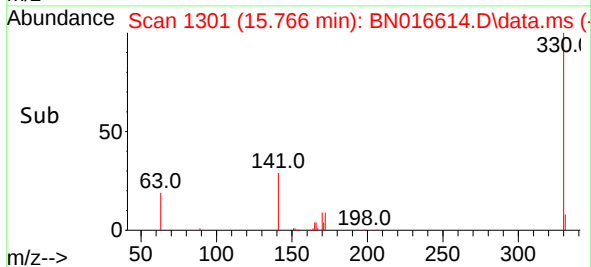
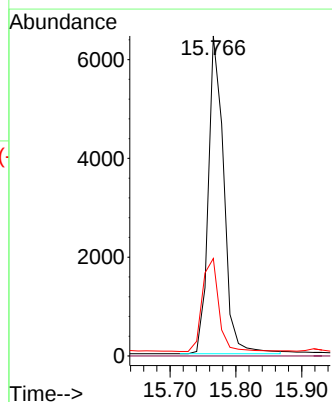
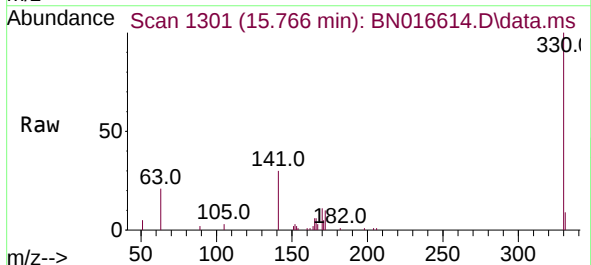
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

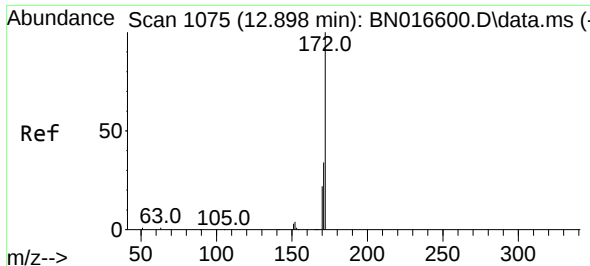
Tgt Ion:164 Resp: 72211  
Ion Ratio Lower Upper  
164 100  
162 103.0 82.2 123.2  
160 47.5 37.7 56.5



#14  
2,4,6-Tribromophenol  
Concen: 0.321 ng  
RT: 15.766 min Scan# 1301  
Delta R.T. 0.000 min  
Lab File: BN016614.D  
Acq: 30 Sep 2021 23:58

Tgt Ion:330 Resp: 10540  
Ion Ratio Lower Upper  
330 100  
332 0.0 0.0 0.0  
141 31.2 25.2 37.8

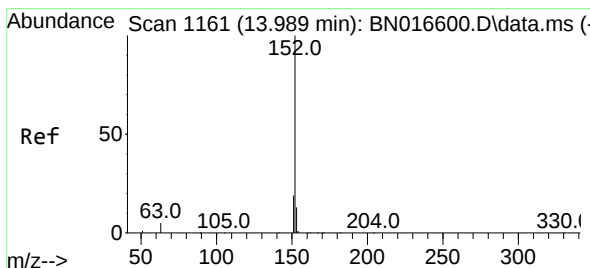
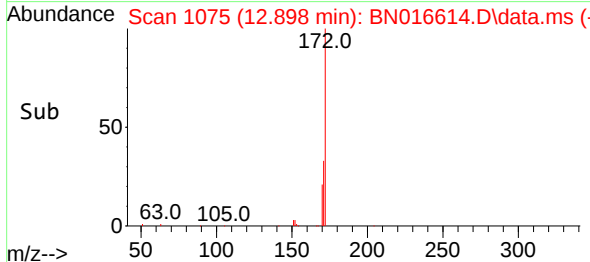
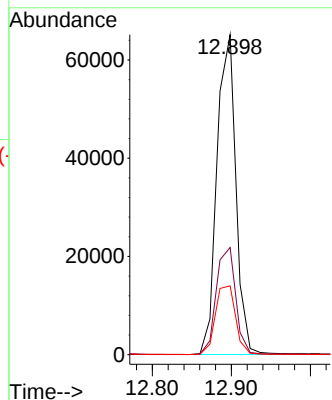
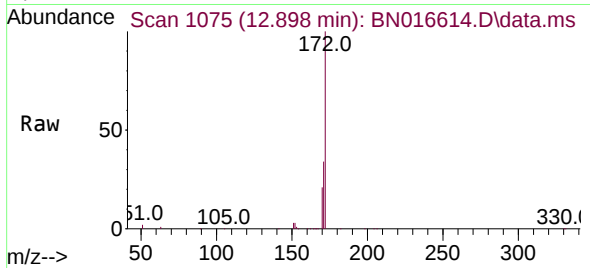




#15  
2-Fluorobiphenyl  
Concen: 0.371 ng  
RT: 12.898 min Scan# 1075  
Delta R.T. 0.000 min  
Lab File: BN016614.D  
Acq: 30 Sep 2021 23:58

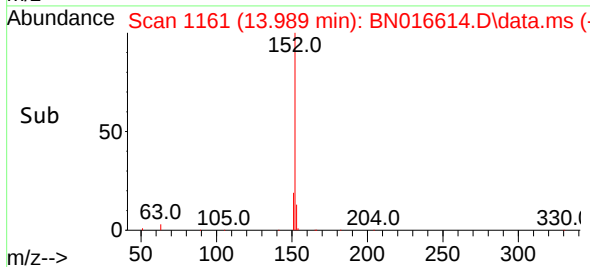
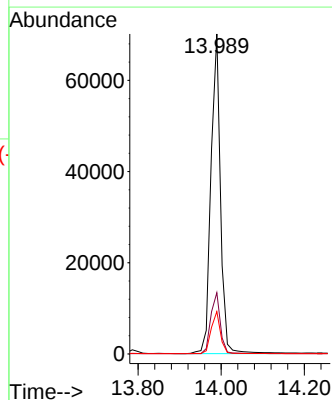
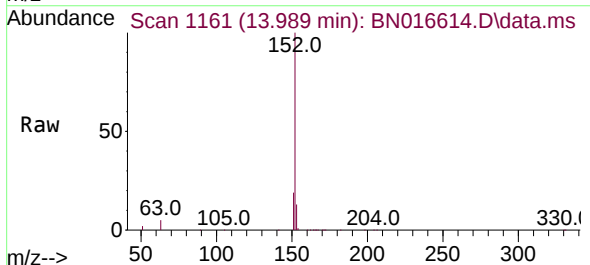
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

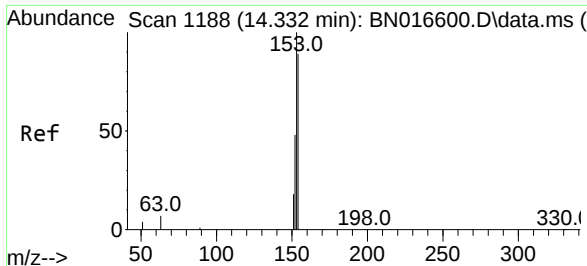
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 172   | Resp: | 108486 |
| Ion Ratio | Lower | Upper |        |
| 172       | 100   |       |        |
| 171       | 33.5  | 27.0  | 40.4   |
| 170       | 21.5  | 17.4  | 26.2   |



#16  
Acenaphthylene  
Concen: 0.352 ng  
RT: 13.989 min Scan# 1161  
Delta R.T. 0.000 min  
Lab File: BN016614.D  
Acq: 30 Sep 2021 23:58

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 152   | Resp: | 111035 |
| Ion Ratio | Lower | Upper |        |
| 152       | 100   |       |        |
| 151       | 19.3  | 15.5  | 23.3   |
| 153       | 13.0  | 10.4  | 15.6   |

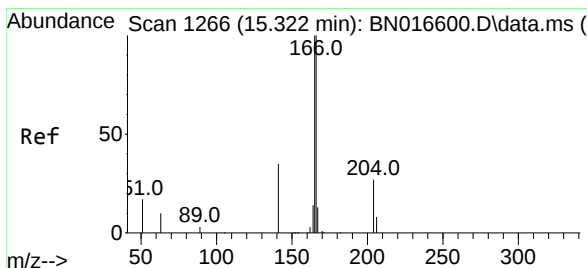
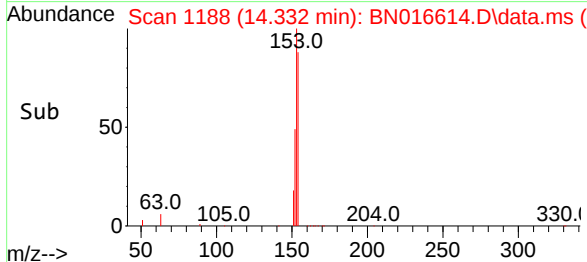
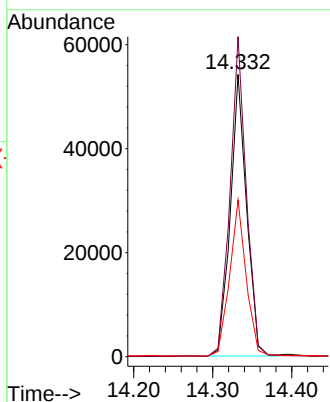
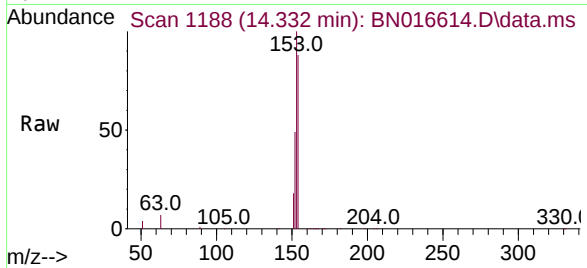




#17  
Acenaphthene  
Concen: 0.365 ng  
RT: 14.332 min Scan# 1188  
Delta R.T. 0.000 min  
Lab File: BN016614.D  
Acq: 30 Sep 2021 23:58

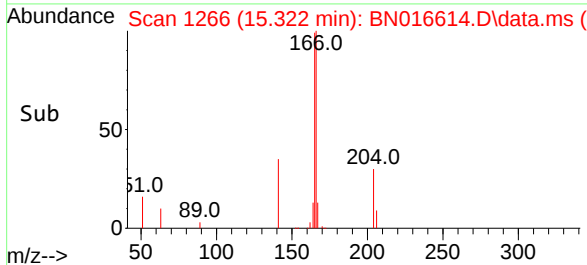
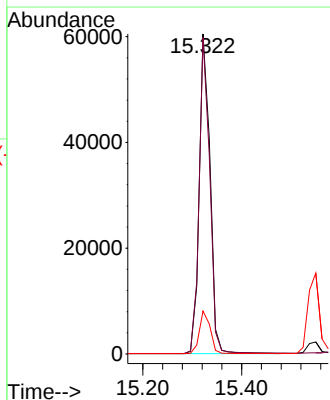
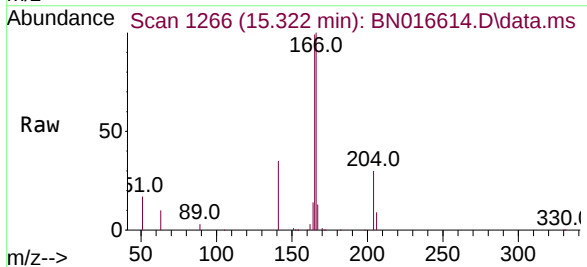
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

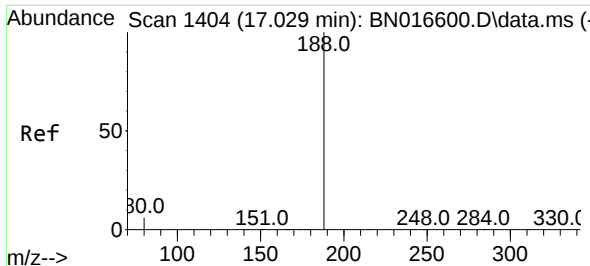
Tgt Ion:154 Resp: 77671  
Ion Ratio Lower Upper  
154 100  
153 113.9 90.2 135.2  
152 56.0 44.0 66.0



#18  
Fluorene  
Concen: 0.366 ng  
RT: 15.322 min Scan# 1266  
Delta R.T. 0.000 min  
Lab File: BN016614.D  
Acq: 30 Sep 2021 23:58

Tgt Ion:166 Resp: 92059  
Ion Ratio Lower Upper  
166 100  
165 97.2 77.9 116.9  
167 13.4 10.7 16.1

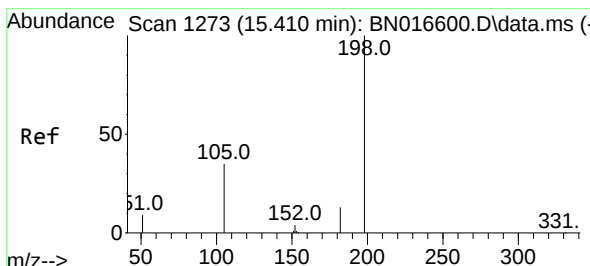
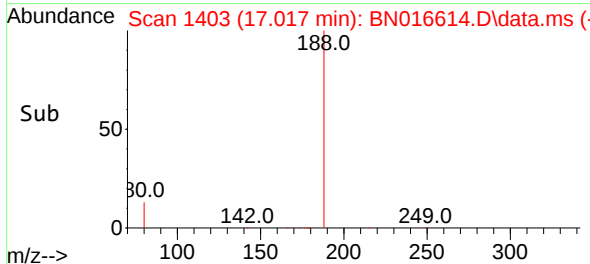
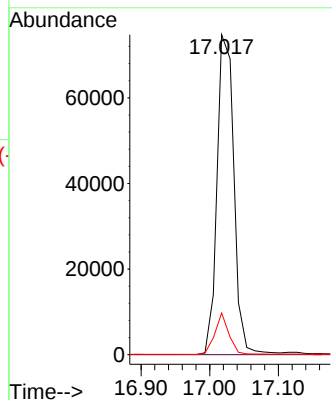
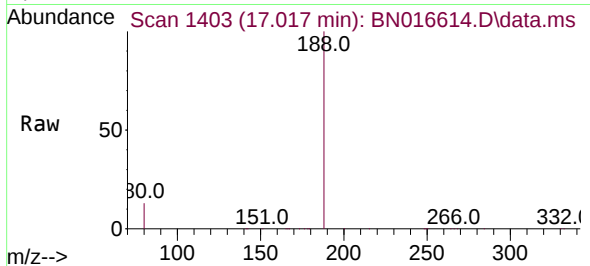




#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.017 min Scan# 1403  
Delta R.T. -0.012 min  
Lab File: BN016614.D  
Acq: 30 Sep 2021 23:58

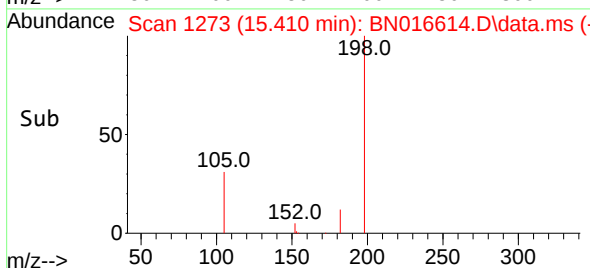
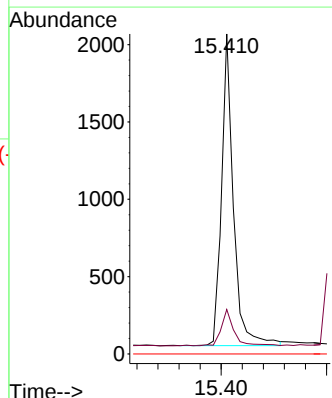
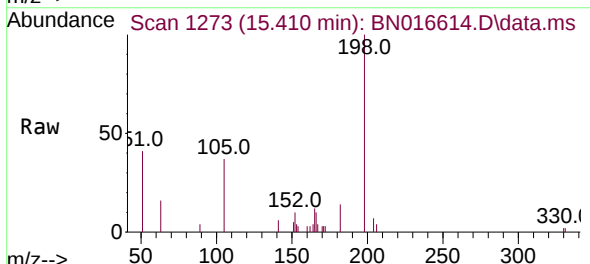
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

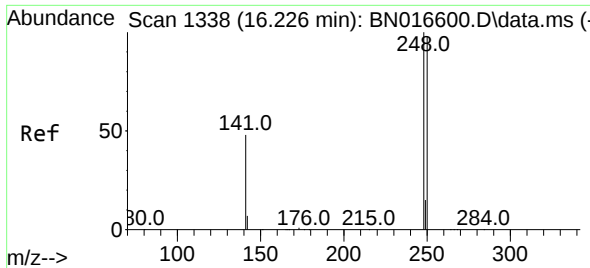
Tgt Ion:188 Resp: 127122  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 13.0 5.0 7.6#



#20  
4,6-Dinitro-2-methylphenol  
Concen: 0.327 ng  
RT: 15.410 min Scan# 1273  
Delta R.T. 0.000 min  
Lab File: BN016614.D  
Acq: 30 Sep 2021 23:58

Tgt Ion:198 Resp: 3161  
Ion Ratio Lower Upper  
198 100  
182 13.9 11.8 17.8  
77 0.0 0.0 0.0

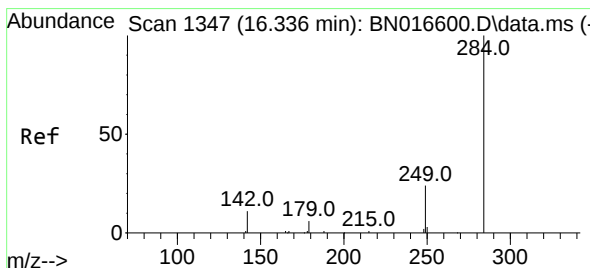
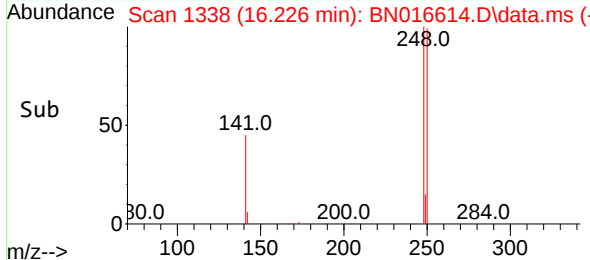
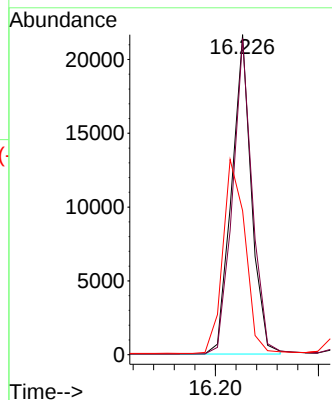
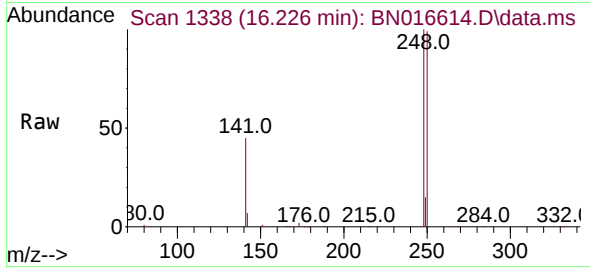




#21  
4-Bromophenyl-phenylether  
Concen: 0.366 ng  
RT: 16.226 min Scan# 1338  
Delta R.T. 0.000 min  
Lab File: BN016614.D  
Acq: 30 Sep 2021 23:58

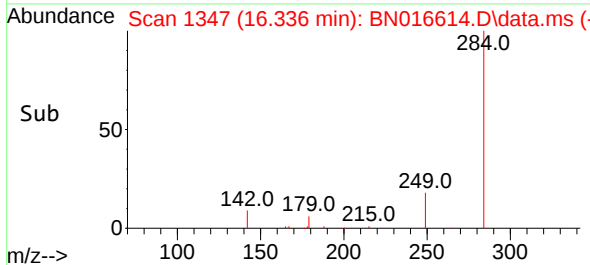
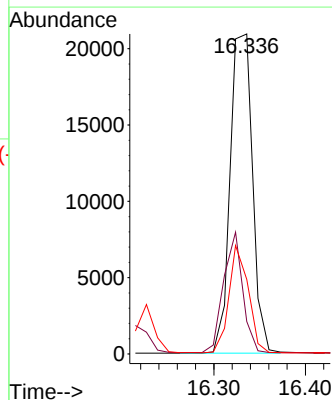
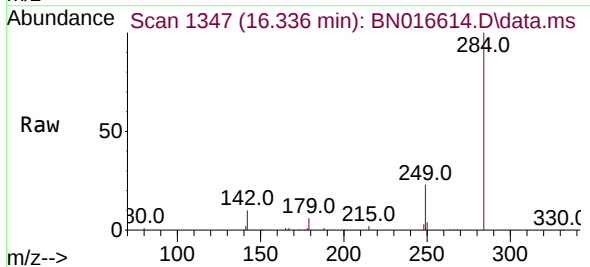
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

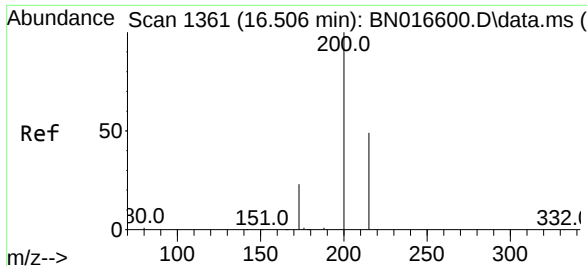
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 248   | Resp: | 28900 |
| Ion Ratio | Lower | Upper |       |
| 248       | 100   |       |       |
| 250       | 98.7  | 78.6  | 117.8 |
| 141       | 45.0  | 38.6  | 57.8  |



#22  
Hexachlorobenzene  
Concen: 0.388 ng  
RT: 16.336 min Scan# 1347  
Delta R.T. 0.000 min  
Lab File: BN016614.D  
Acq: 30 Sep 2021 23:58

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 284   | Resp: | 35492 |
| Ion Ratio | Lower | Upper |       |
| 284       | 100   |       |       |
| 142       | 32.2  | 26.4  | 39.6  |
| 249       | 29.2  | 23.4  | 35.2  |

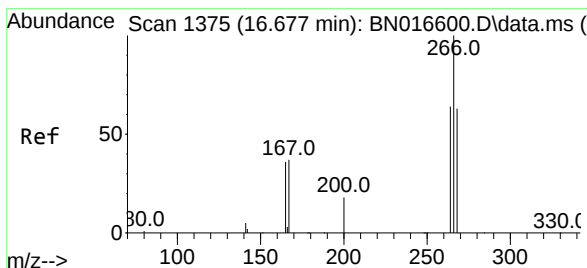
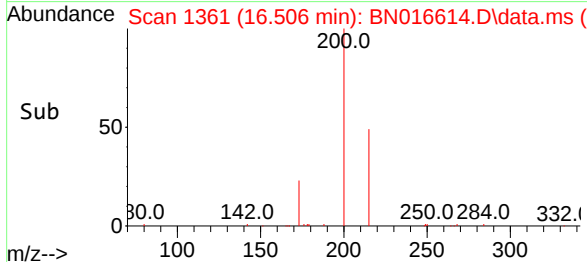
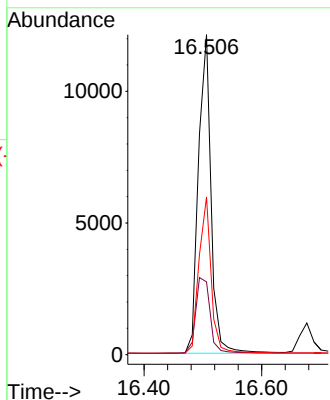
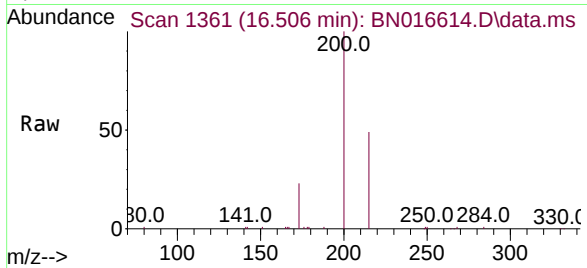




#23  
Atrazine  
Concen: 0.315 ng  
RT: 16.506 min Scan# 1361  
Delta R.T. 0.000 min  
Lab File: BN016614.D  
Acq: 30 Sep 2021 23:58

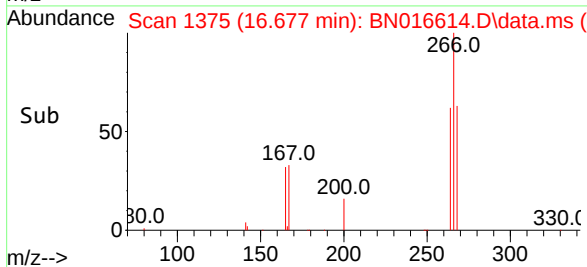
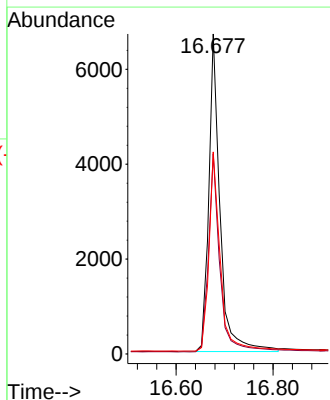
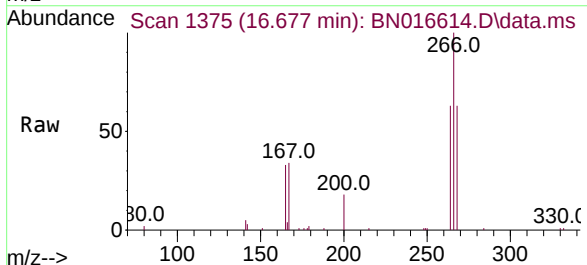
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

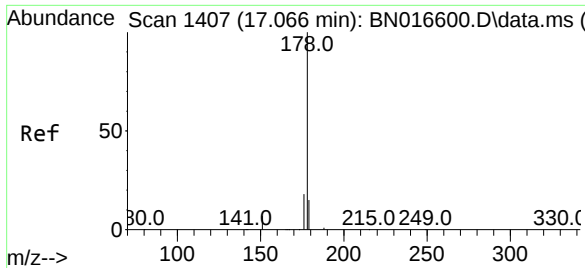
Tgt Ion:200 Resp: 18082  
Ion Ratio Lower Upper  
200 100  
173 22.7 18.6 27.8  
215 49.3 39.4 59.2



#24  
Pentachlorophenol  
Concen: 0.357 ng  
RT: 16.677 min Scan# 1375  
Delta R.T. 0.000 min  
Lab File: BN016614.D  
Acq: 30 Sep 2021 23:58

Tgt Ion:266 Resp: 10810  
Ion Ratio Lower Upper  
266 100  
264 62.7 49.8 74.6  
268 63.5 51.4 77.2

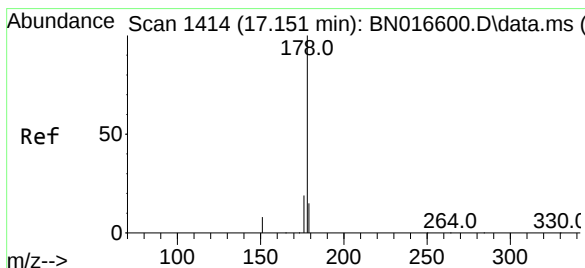
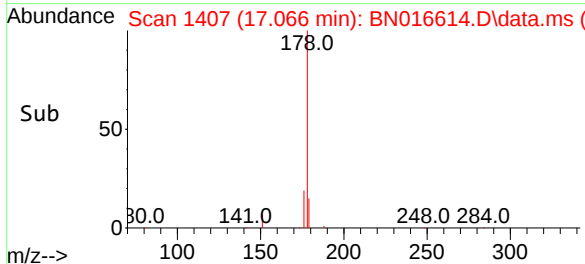
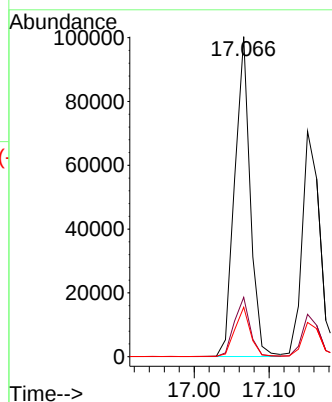
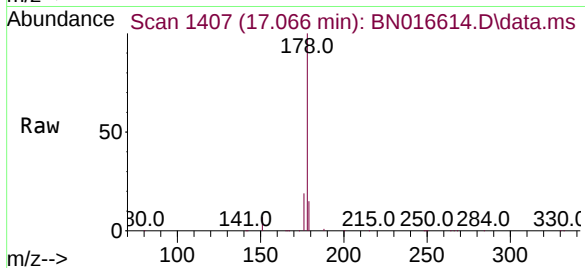




#25  
Phenanthrene  
Concen: 0.377 ng  
RT: 17.066 min Scan# 1407  
Delta R.T. 0.000 min  
Lab File: BN016614.D  
Acq: 30 Sep 2021 23:58

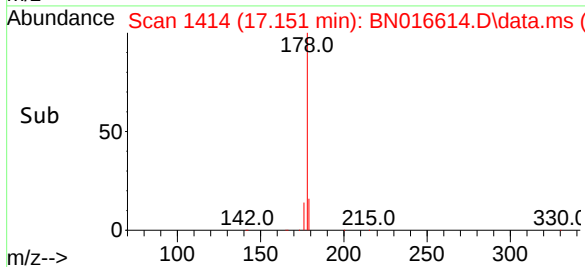
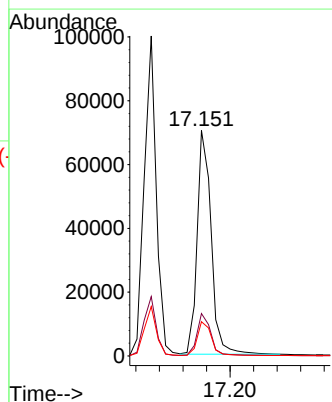
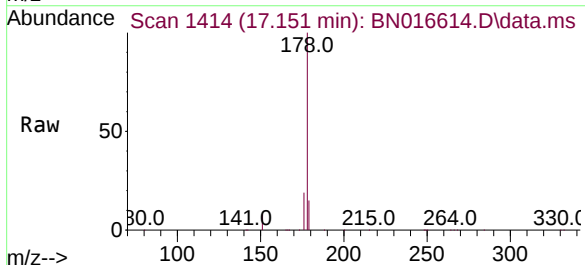
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

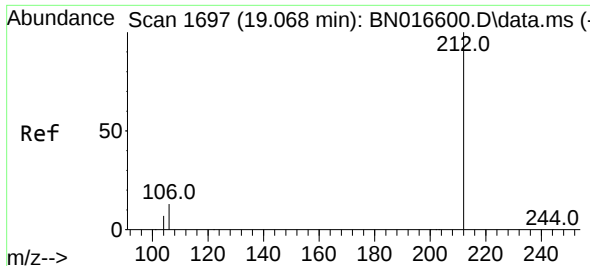
Tgt Ion:178 Resp: 144057  
Ion Ratio Lower Upper  
178 100  
176 18.8 15.0 22.4  
179 15.4 12.2 18.4



#26  
Anthracene  
Concen: 0.352 ng  
RT: 17.151 min Scan# 1414  
Delta R.T. 0.000 min  
Lab File: BN016614.D  
Acq: 30 Sep 2021 23:58

Tgt Ion:178 Resp: 116375  
Ion Ratio Lower Upper  
178 100  
176 18.3 14.6 21.8  
179 15.3 12.2 18.4

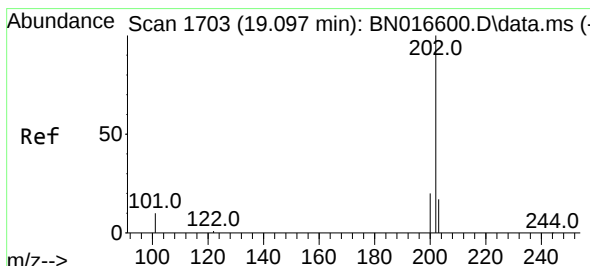
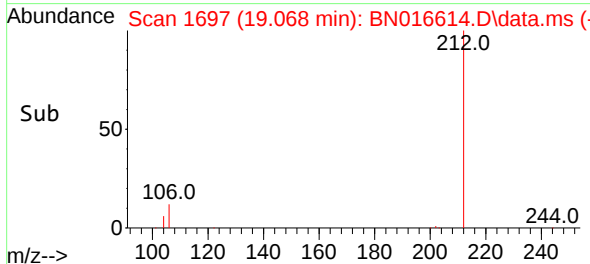
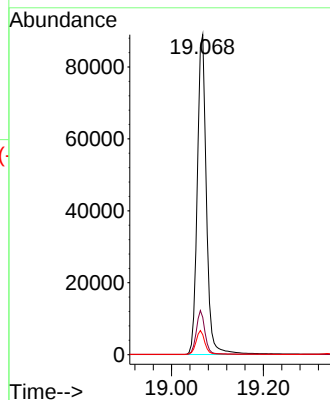
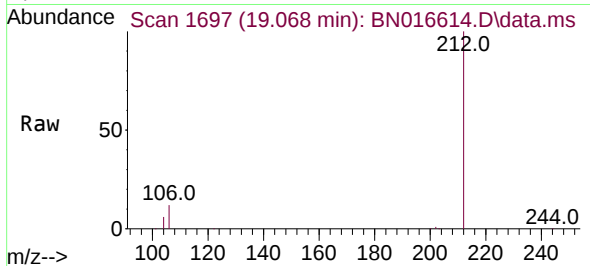




#27  
Fluoranthene-d10  
Concen: 0.363 ng  
RT: 19.068 min Scan# 1697  
Delta R.T. 0.000 min  
Lab File: BN016614.D  
Acq: 30 Sep 2021 23:58

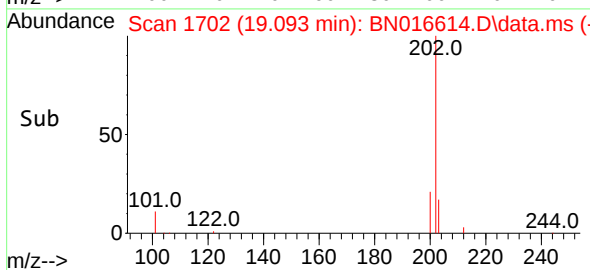
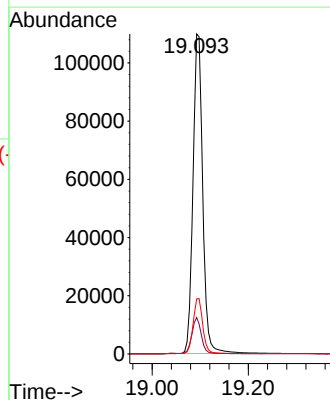
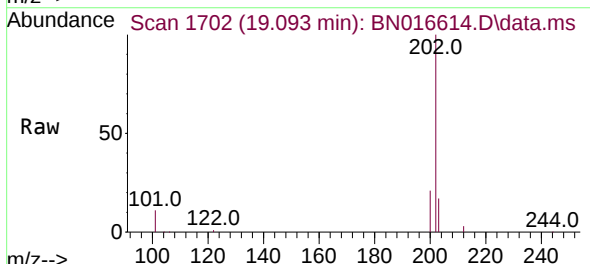
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

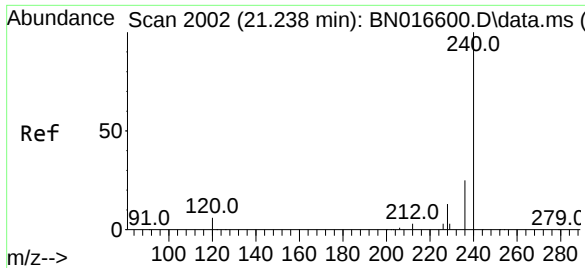
Tgt Ion:212 Resp: 122627  
Ion Ratio Lower Upper  
212 100  
106 13.2 10.6 16.0  
104 7.2 5.9 8.9



#28  
Fluoranthene  
Concen: 0.375 ng  
RT: 19.093 min Scan# 1702  
Delta R.T. -0.005 min  
Lab File: BN016614.D  
Acq: 30 Sep 2021 23:58

Tgt Ion:202 Resp: 154707  
Ion Ratio Lower Upper  
202 100  
101 11.1 9.0 13.4  
203 17.3 13.8 20.6

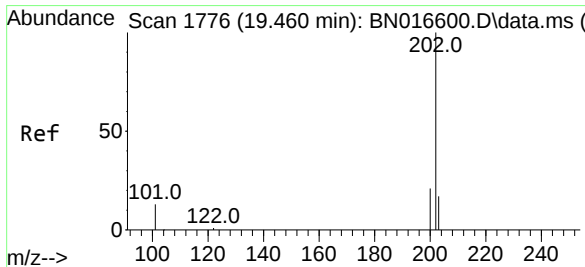
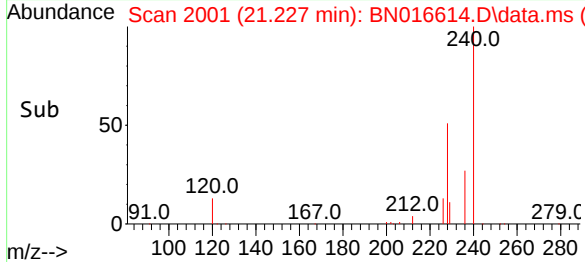
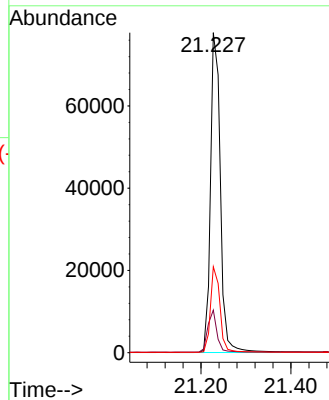
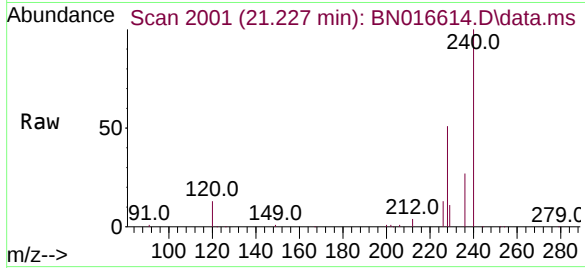




#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.227 min Scan# 2001  
Delta R.T. -0.010 min  
Lab File: BN016614.D  
Acq: 30 Sep 2021 23:58

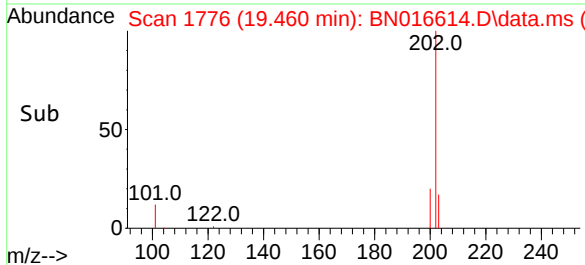
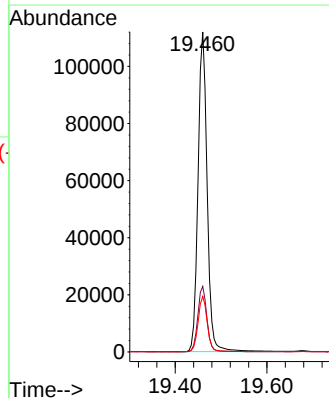
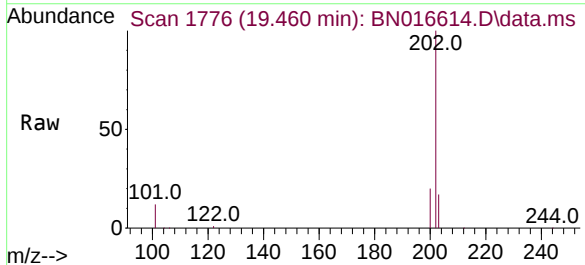
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

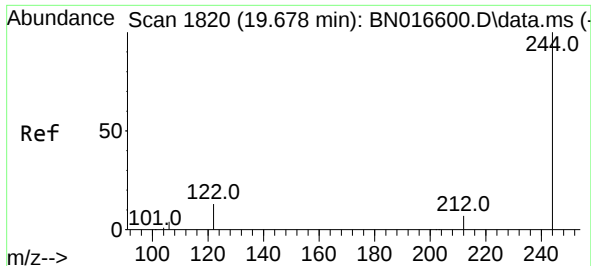
Tgt Ion:240 Resp: 117704  
Ion Ratio Lower Upper  
240 100  
120 13.3 5.0 7.4#  
236 26.9 20.4 30.6



#30  
Pyrene  
Concen: 0.405 ng  
RT: 19.460 min Scan# 1776  
Delta R.T. 0.000 min  
Lab File: BN016614.D  
Acq: 30 Sep 2021 23:58

Tgt Ion:202 Resp: 154219  
Ion Ratio Lower Upper  
202 100  
200 20.6 16.5 24.7  
203 17.5 14.0 21.0

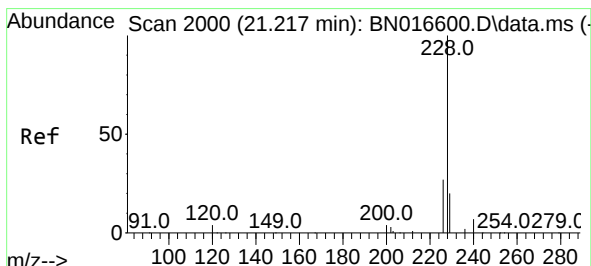
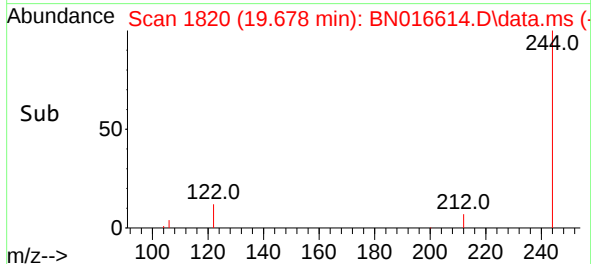
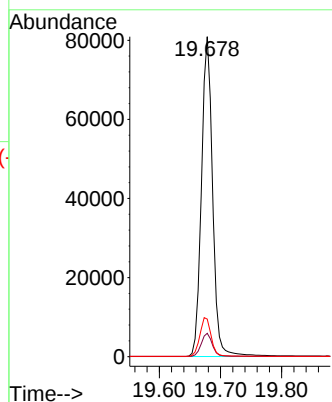
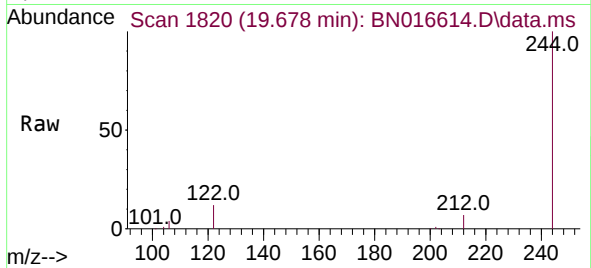




#31  
 Terphenyl-d14  
 Concen: 0.401 ng  
 RT: 19.678 min Scan# 1820  
 Delta R.T. 0.000 min  
 Lab File: BN016614.D  
 Acq: 30 Sep 2021 23:58

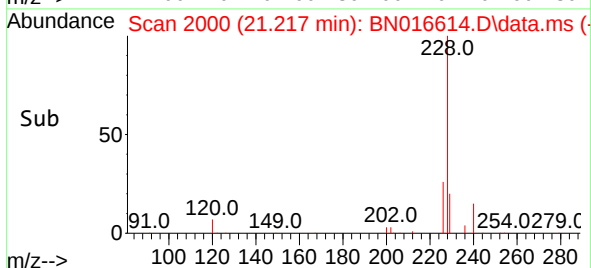
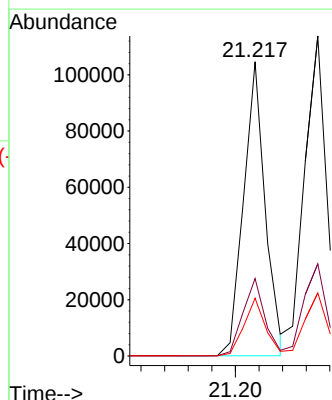
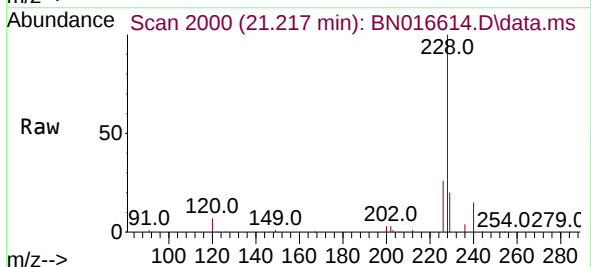
Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC0.4EC

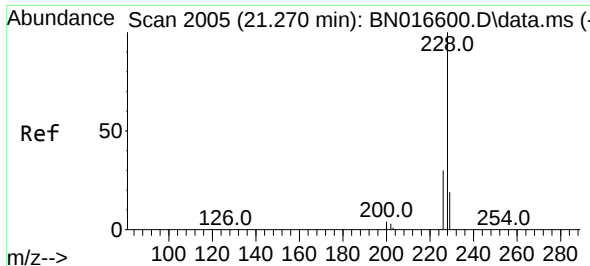
Tgt Ion:244 Resp: 102508  
 Ion Ratio Lower Upper  
 244 100  
 212 7.3 6.0 9.0  
 122 11.7 10.1 15.1



#32  
 Benzo(a)anthracene  
 Concen: 0.368 ng  
 RT: 21.217 min Scan# 2000  
 Delta R.T. 0.000 min  
 Lab File: BN016614.D  
 Acq: 30 Sep 2021 23:58

Tgt Ion:228 Resp: 133127  
 Ion Ratio Lower Upper  
 228 100  
 226 26.3 21.9 32.9  
 229 19.6 15.7 23.5

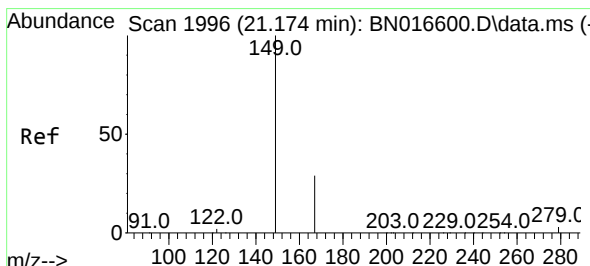
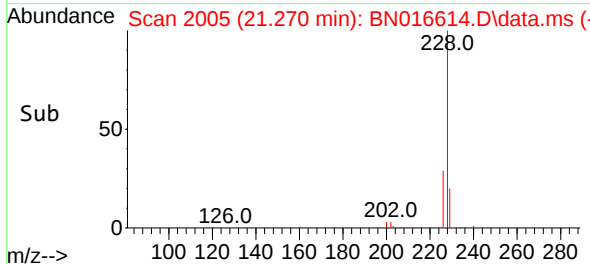
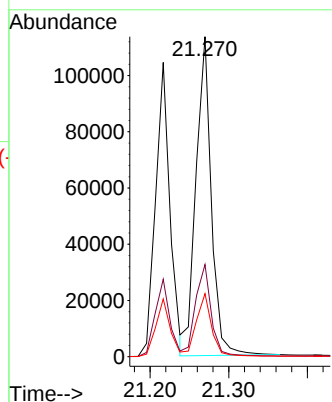
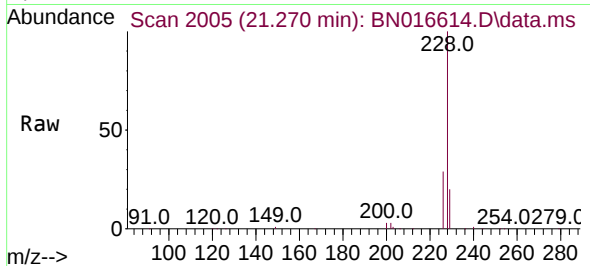




#33  
Chrysene  
Concen: 0.422 ng  
RT: 21.270 min Scan# 2005  
Delta R.T. 0.000 min  
Lab File: BN016614.D  
Acq: 30 Sep 2021 23:58

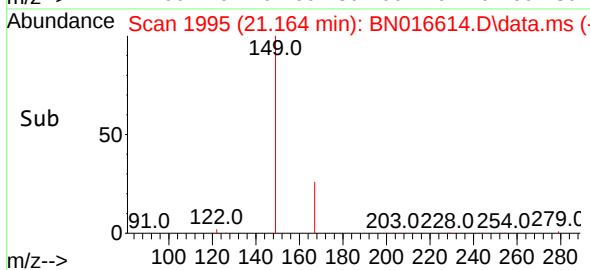
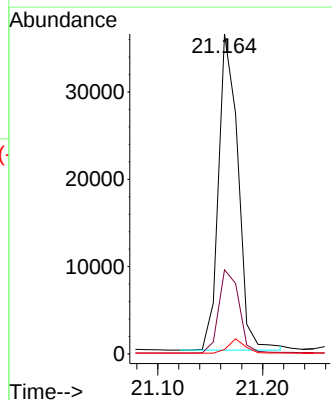
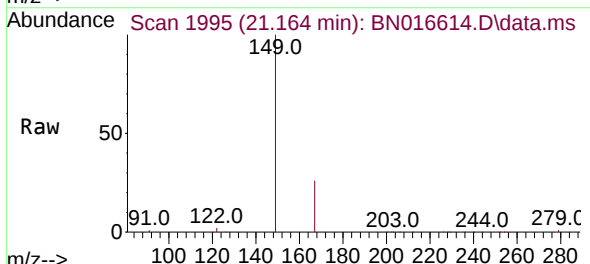
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

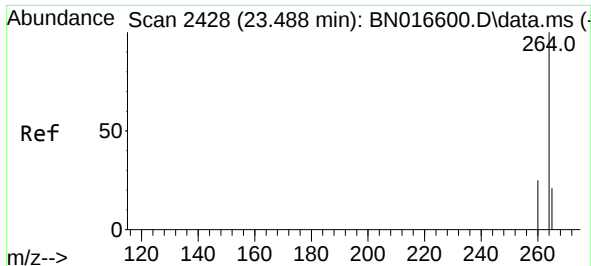
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 228   | Resp: | 154247 |
| Ion Ratio | Lower | Upper |        |
| 228       | 100   |       |        |
| 226       | 28.8  | 23.7  | 35.5   |
| 229       | 19.7  | 15.5  | 23.3   |



#34  
Bis(2-ethylhexyl)phthalate  
Concen: 0.325 ng  
RT: 21.164 min Scan# 1995  
Delta R.T. -0.010 min  
Lab File: BN016614.D  
Acq: 30 Sep 2021 23:58

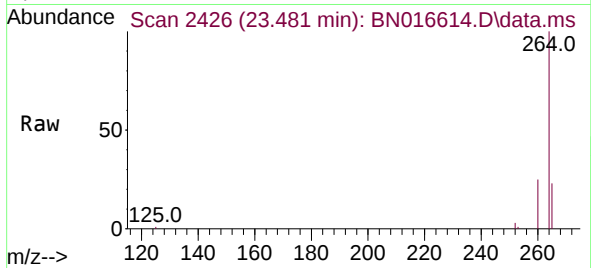
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 149   | Resp: | 46870 |
| Ion Ratio | Lower | Upper |       |
| 149       | 100   |       |       |
| 167       | 27.3  | 22.2  | 33.4  |
| 279       | 3.9   | 3.2   | 4.8   |



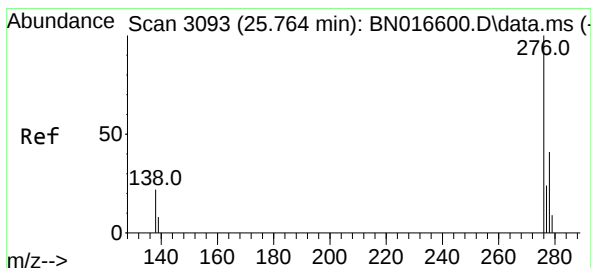
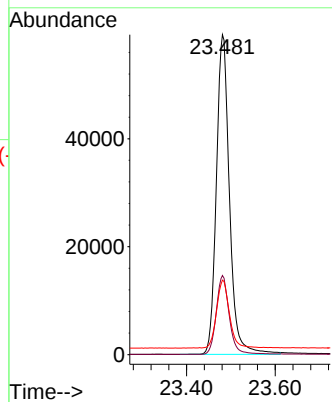
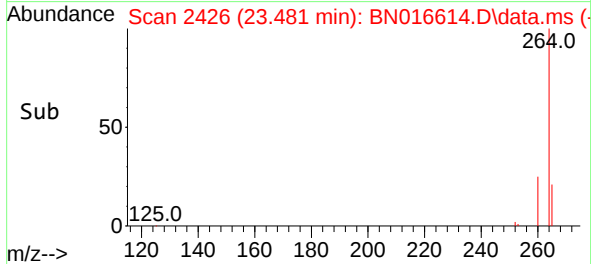


#35  
Perylene-d12  
Concen: 0.400 ng  
RT: 23.481 min Scan# 2426  
Delta R.T. -0.007 min  
Lab File: BN016614.D  
Acq: 30 Sep 2021 23:58

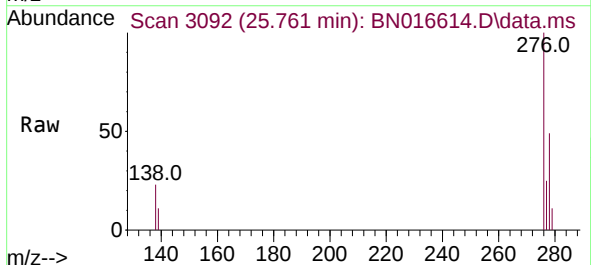
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC



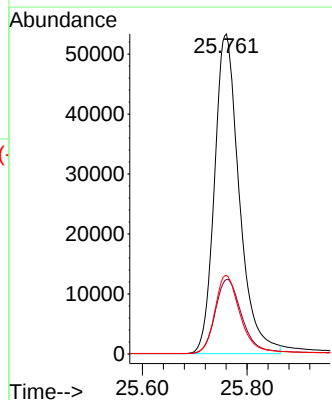
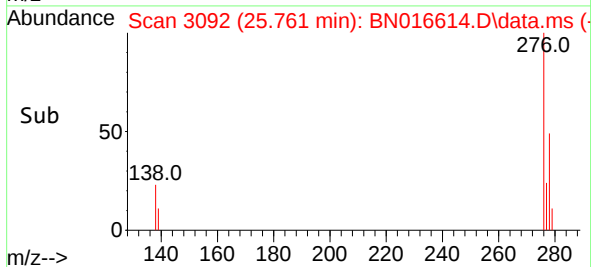
Tgt Ion:264 Resp: 121300  
Ion Ratio Lower Upper  
264 100  
260 24.8 19.9 29.9  
265 23.3 19.2 28.8

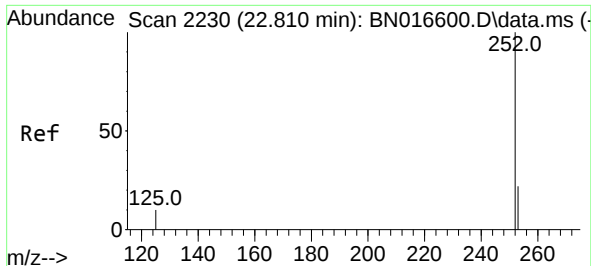


#36  
Indeno(1,2,3-cd)pyrene  
Concen: 0.405 ng  
RT: 25.761 min Scan# 3092  
Delta R.T. -0.003 min  
Lab File: BN016614.D  
Acq: 30 Sep 2021 23:58



Tgt Ion:276 Resp: 175325  
Ion Ratio Lower Upper  
276 100  
138 24.9 19.5 29.3  
277 25.0 19.9 29.9

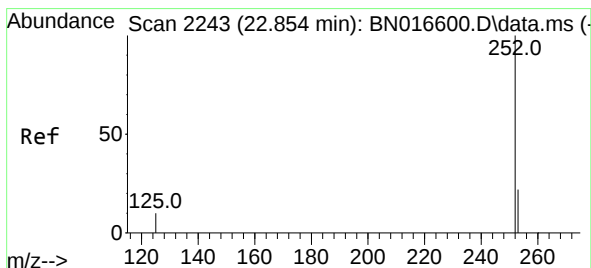
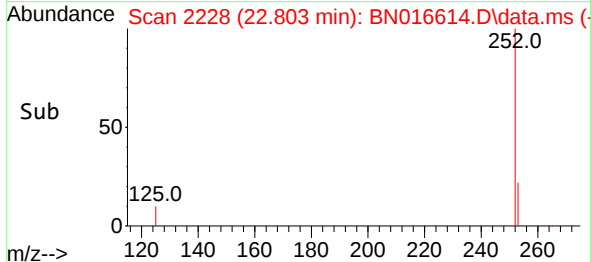
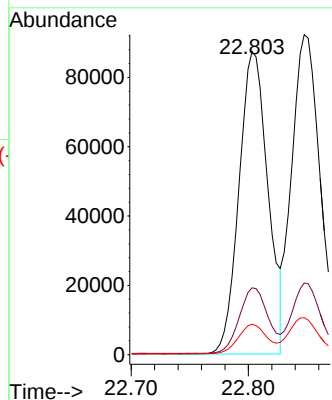
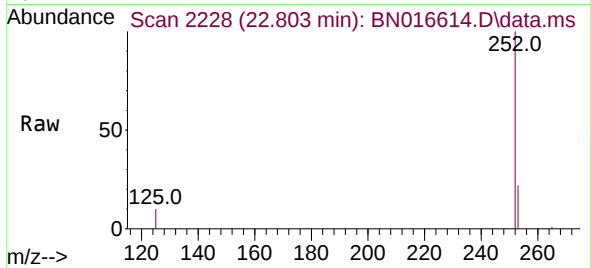




#37  
Benzo(b)fluoranthene  
Concen: 0.384 ng  
RT: 22.803 min Scan# 2228  
Delta R.T. -0.007 min  
Lab File: BN016614.D  
Acq: 30 Sep 2021 23:58

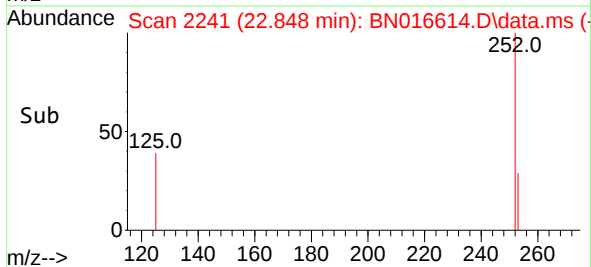
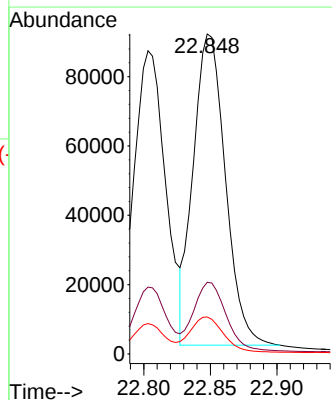
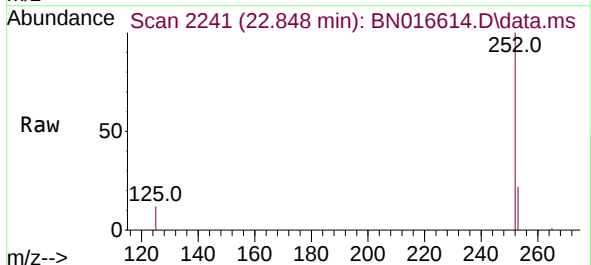
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

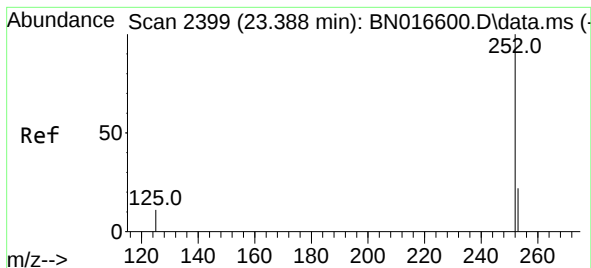
Tgt Ion:252 Resp: 149575  
Ion Ratio Lower Upper  
252 100  
253 22.0 17.8 26.8  
125 10.0 8.0 12.0



#38  
Benzo(k)fluoranthene  
Concen: 0.391 ng  
RT: 22.848 min Scan# 2241  
Delta R.T. -0.007 min  
Lab File: BN016614.D  
Acq: 30 Sep 2021 23:58

Tgt Ion:252 Resp: 150583  
Ion Ratio Lower Upper  
252 100  
253 22.4 17.8 26.6  
125 11.6 8.0 12.0





#39

Benzo(a)pyrene

Concen: 0.382 ng

RT: 23.382 min Scan# 2397

Delta R.T. -0.007 min

Lab File: BN016614.D

Acq: 30 Sep 2021 23:58

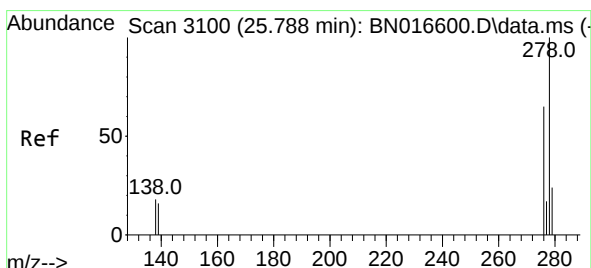
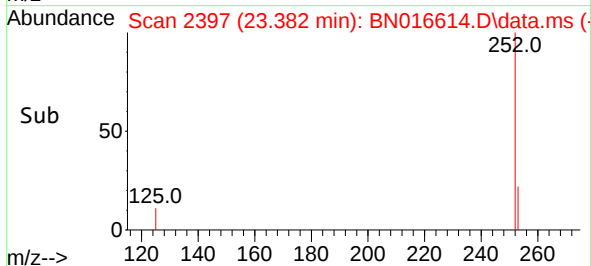
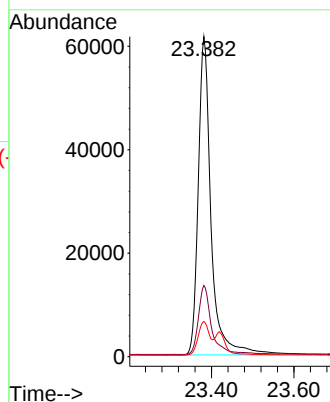
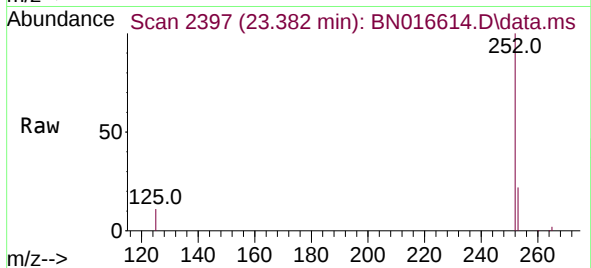
Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4EC

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:252 | Resp: | 132558    |
| Ion Ratio   | Lower | Upper     |
| 252         | 100   |           |
| 253         | 22.3  | 17.8 26.8 |
| 125         | 11.0  | 9.0 13.4  |



#40

Dibenzo(a,h)anthracene

Concen: 0.402 ng

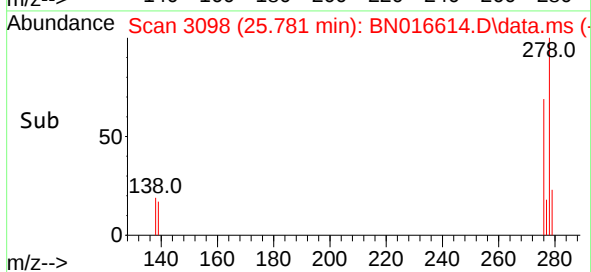
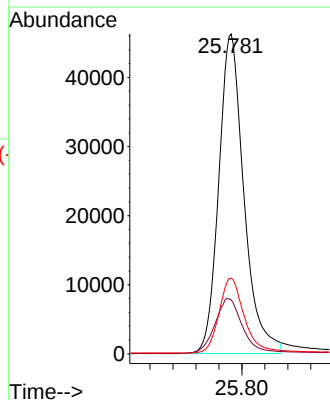
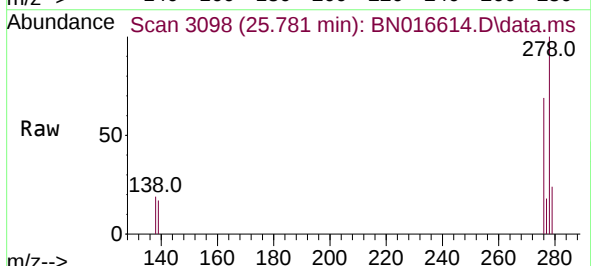
RT: 25.781 min Scan# 3098

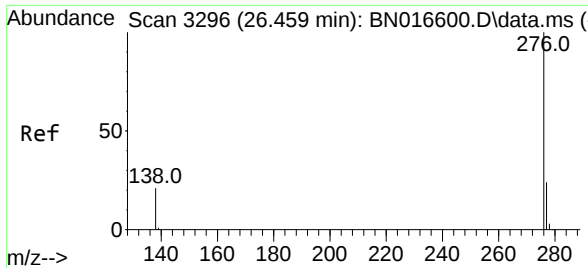
Delta R.T. -0.007 min

Lab File: BN016614.D

Acq: 30 Sep 2021 23:58

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:278 | Resp: | 140435    |
| Ion Ratio   | Lower | Upper     |
| 278         | 100   |           |
| 139         | 16.9  | 13.1 19.7 |
| 279         | 23.7  | 19.1 28.7 |





#41  
Benzo(g,h,i)perylene  
Concen: 0.401 ng  
RT: 26.452 min Scan# 3294  
Delta R.T. -0.007 min  
Lab File: BN016614.D  
Acq: 30 Sep 2021 23:58

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

Tgt Ion:276 Resp: 153296  
Ion Ratio Lower Upper  
276 100  
277 23.7 19.0 28.6  
138 21.1 16.9 25.3

