

Data Path : Z:\HPCHEM1\BNA\_M\Data\BM052015\  
 Data File : BM001382.D  
 Acq On : 22 May 2015 04:52  
 Operator : TP/IZ  
 Sample : SSTDCCC001  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDCCC001EC

Quant Time: May 22 05:36:25 2015  
 Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SIMPAH-BM052015.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Mar 25 10:49:04 2015  
 Response via : Initial Calibration

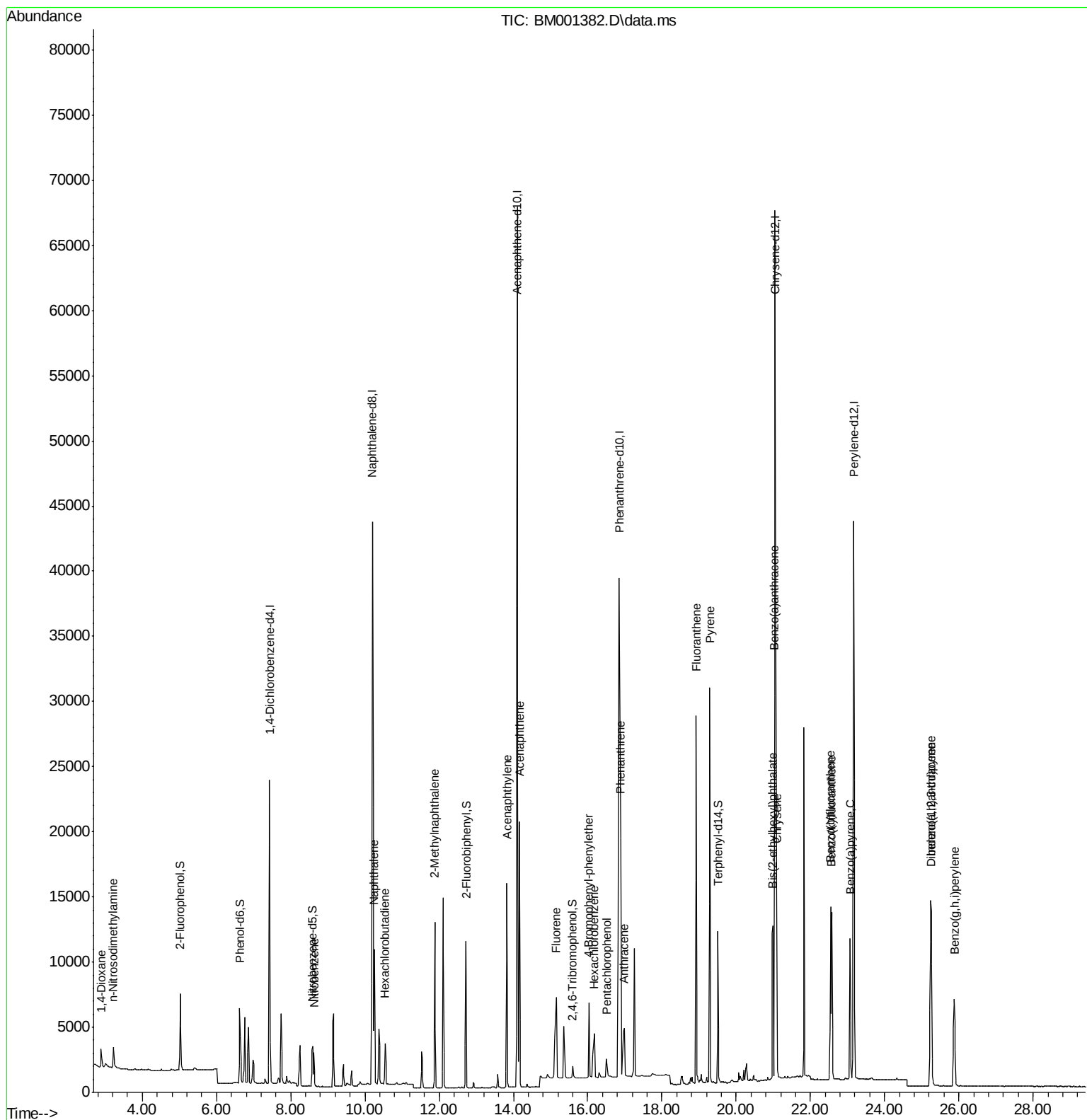
| Compound                      | R.T.   | QIon | Response | Conc | Units | Dev(Min) |
|-------------------------------|--------|------|----------|------|-------|----------|
| -----                         |        |      |          |      |       |          |
| Internal Standards            |        |      |          |      |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.432  | 152  | 13272    | 5.00 | ng    | 0.00     |
| 6) Naphthalene-d8             | 10.199 | 136  | 59223    | 5.00 | ng    | 0.00     |
| 12) Acenaphthene-d10          | 14.107 | 164  | 38409    | 5.00 | ng    | 0.00     |
| 18) Phenanthrene-d10          | 16.852 | 188  | 80613    | 5.00 | ng    | # 0.00   |
| 25) Chrysene-d12              | 21.051 | 240  | 66620    | 5.00 | ng    | #-0.02   |
| 32) Perylene-d12              | 23.168 | 264  | 50695    | 5.00 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |      |       |          |
| 4) 2-Fluorophenol             | 5.021  | 112  | 4795     | 1.86 | ng    | 0.00     |
| 5) Phenol-d6                  | 6.628  | 99   | 5722     | 1.78 | ng    | 0.02     |
| 7) Nitrobenzene-d5            | 8.586  | 82   | 2677     | 0.84 | ng    | 0.00     |
| 13) 2,4,6-Tribromophenol      | 15.595 | 330  | 795      | 0.59 | ng    | 0.00     |
| 14) 2-Fluorobiphenyl          | 12.719 | 172  | 11829    | 1.03 | ng    | 0.00     |
| 27) Terphenyl-d14             | 19.503 | 244  | 11338    | 1.29 | ng    | 0.00     |
| Target Compounds              |        |      |          |      |       |          |
|                               |        |      |          |      |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.903  | 88   | 925      | 0.61 | ng    | # 69     |
| 3) n-Nitrosodimethylamine     | 3.212  | 42   | 1878     | 1.25 | ng    | # 99     |
| 8) Nitrobenzene               | 8.628  | 77   | 2805     | 0.81 | ng    | 100      |
| 9) Naphthalene                | 10.250 | 128  | 13164    | 1.04 | ng    | 99       |
| 10) Hexachlorobutadiene       | 10.542 | 225  | 2325     | 0.95 | ng    | 99       |
| 11) 2-Methylnaphthalene       | 11.886 | 142  | 9664     | 1.08 | ng    | 96       |
| 15) Acenaphthylene            | 13.817 | 152  | 17557    | 1.09 | ng    | 100      |
| 16) Acenaphthene              | 14.168 | 154  | 10648    | 1.05 | ng    | 99       |
| 17) Fluorene                  | 15.153 | 166  | 8234     | 1.01 | ng    | # 95     |
| 19) 4-Bromophenyl-phenylether | 16.036 | 248  | 4694     | 1.07 | ng    | 95       |
| 20) Hexachlorobenzene         | 16.172 | 284  | 5957     | 1.00 | ng    | # 100    |
| 21) Pentachlorophenol         | 16.512 | 266  | 1219     | 0.74 | ng    | 94       |
| 22) Phenanthrene              | 16.886 | 178  | 28389m   | 1.00 | ng    |          |
| 23) Anthracene                | 16.988 | 178  | 10909m   | 0.99 | ng    |          |
| 24) Fluoranthene              | 18.922 | 202  | 25622    | 1.06 | ng    | # 96     |
| 26) Pyrene                    | 19.285 | 202  | 26147    | 1.28 | ng    | 100      |
| 28) Benzo(a)anthracene        | 21.036 | 228  | 21040    | 1.10 | ng    | 95       |
| 29) Chrysene                  | 21.098 | 228  | 18626    | 1.02 | ng    | 97       |
| 30) Bis(2-ethylhexyl)phtha... | 20.974 | 149  | 17112    | 1.58 | ng    | 98       |
| 31) Indeno(1,2,3-cd)pyrene    | 25.242 | 276  | 15653    | 0.80 | ng    | 99       |
| 33) Benzo(b)fluoranthene      | 22.542 | 252  | 16160    | 1.03 | ng    | 96       |
| 34) Benzo(k)fluoranthene      | 22.573 | 252  | 16159m   | 1.17 | ng    |          |
| 35) Benzo(a)pyrene            | 23.074 | 252  | 14575    | 1.10 | ng    | 98       |
| 36) Dibenzo(a,h)anthracene    | 25.253 | 278  | 12217    | 1.00 | ng    | 98       |
| 37) Benzo(g,h,i)perylene      | 25.878 | 276  | 12650    | 0.96 | ng    | 98       |
| -----                         |        |      |          |      |       |          |

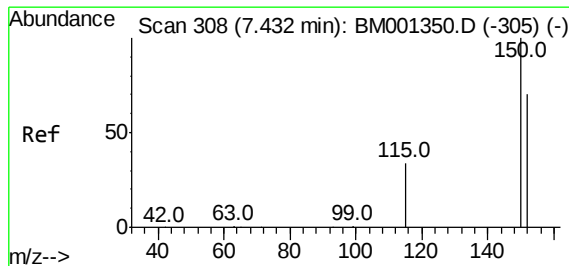
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA\_M\Data\BM052015\  
Data File : BM001382.D  
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Operator : TP/IZ  
Sample : SSTDCCC001  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
BNA\_M  
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Mar 25 10:49:04 2015  
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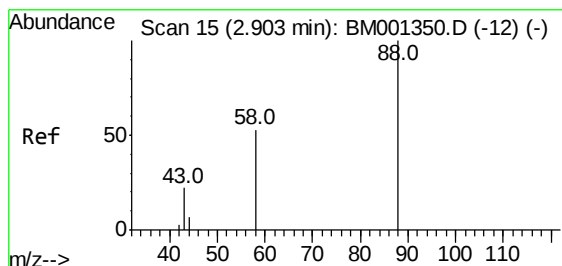
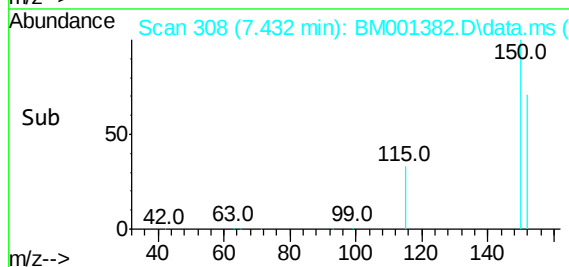
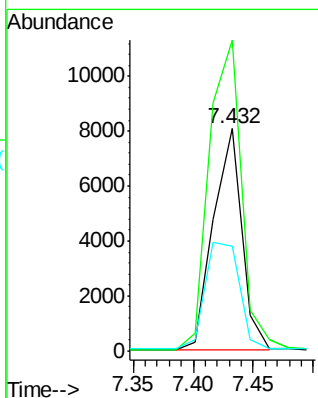
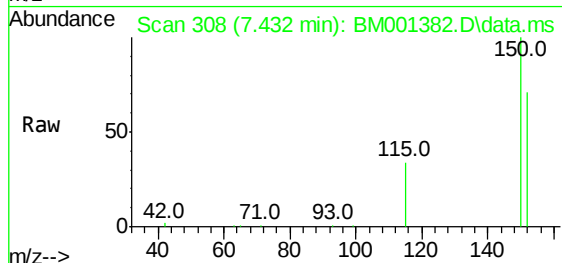




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 5.00 ng  
 RT: 7.432 min Scan# 308  
 Delta R.T. 0.000 min  
 Lab File: BM001382.D  
 Acq: 22 May 2015 04:52

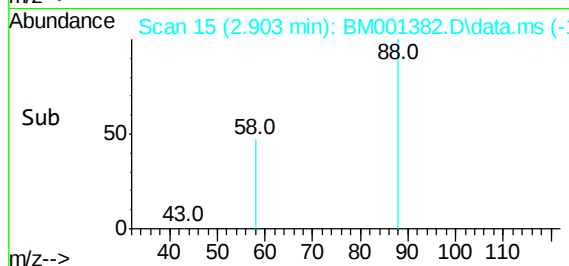
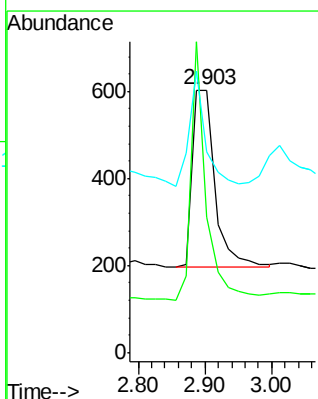
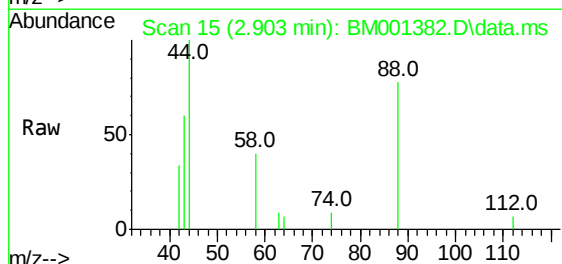
Instrument :  
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 ClientSampleId :  
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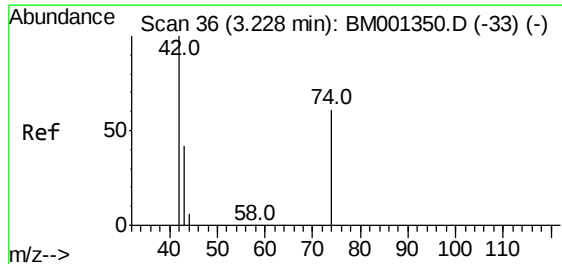
Tgt Ion:152 Resp: 13272  
 Ion Ratio Lower Upper  
 152 100  
 150 140.0 114.1 171.1  
 115 47.1 39.2 58.8



#2  
 1,4-Dioxane  
 Concen: 0.61 ng  
 RT: 2.903 min Scan# 15  
 Delta R.T. 0.000 min  
 Lab File: BM001382.D  
 Acq: 22 May 2015 04:52

Tgt Ion: 88 Resp: 925  
 Ion Ratio Lower Upper  
 88 100  
 58 94.7 53.1 79.7#  
 43 48.4 27.8 41.8#

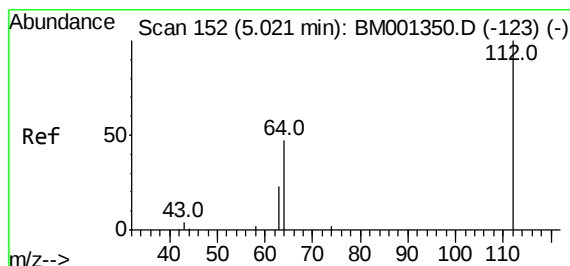
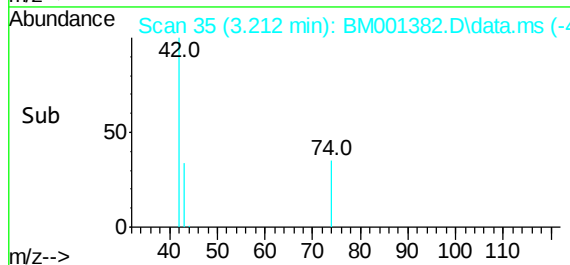
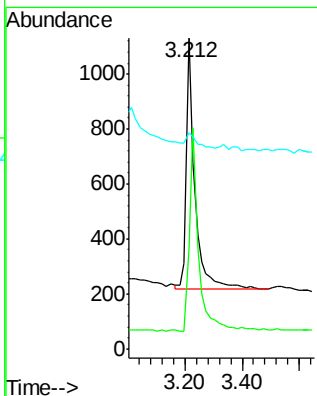
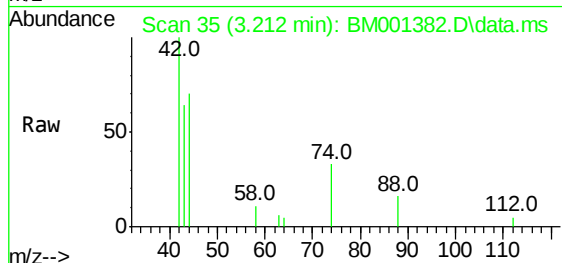




#3  
n-Nitrosodimethylamine  
Concen: 1.25 ng  
RT: 3.212 min Scan# 35  
Delta R.T. -0.015 min  
Lab File: BM001382.D  
Acq: 22 May 2015 04:52

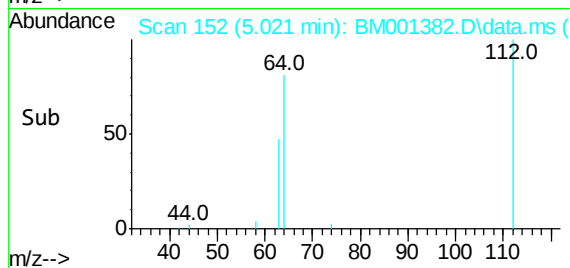
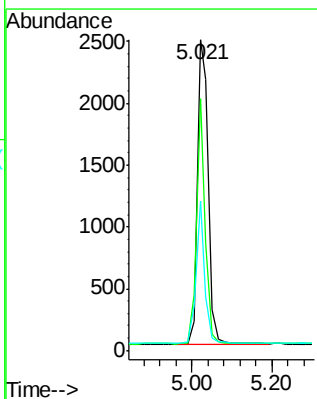
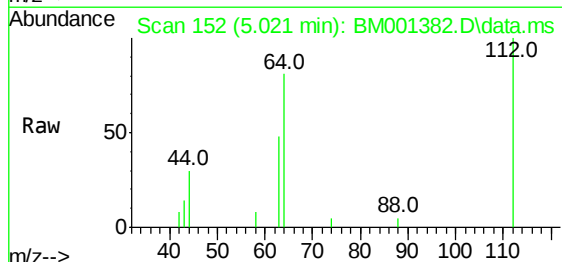
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC001EC

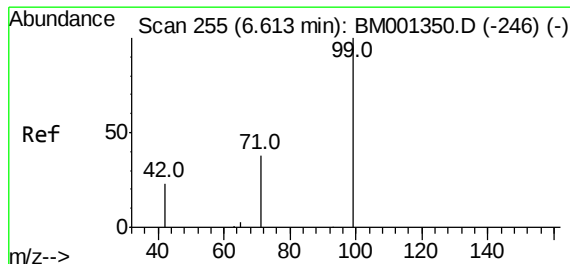
Tgt Ion: 42 Resp: 1878  
Ion Ratio Lower Upper  
42 100  
74 86.8 70.0 105.0  
44 7.9 3.6 5.4#



#4  
2-Fluorophenol  
Concen: 1.86 ng  
RT: 5.021 min Scan# 152  
Delta R.T. 0.000 min  
Lab File: BM001382.D  
Acq: 22 May 2015 04:52

Tgt Ion: 112 Resp: 4795  
Ion Ratio Lower Upper  
112 100  
64 64.5 52.9 79.3  
63 36.7 29.6 44.4



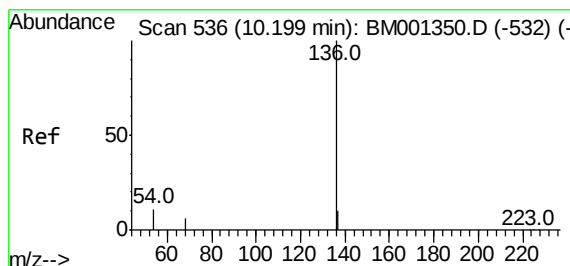
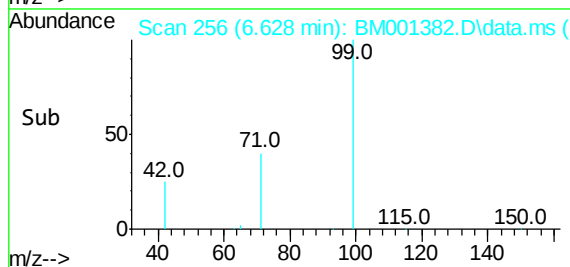
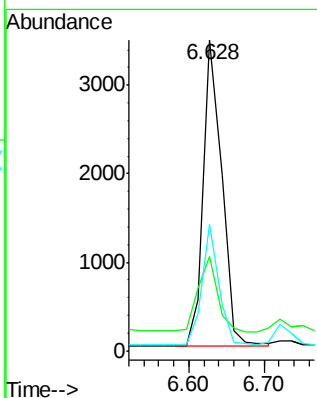
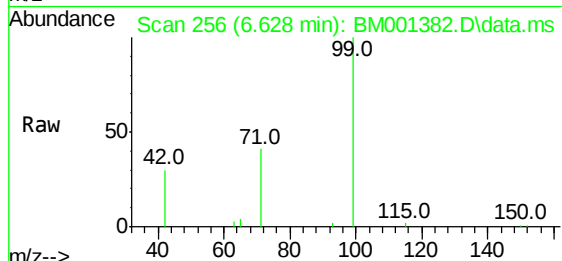


#5  
Phenol-d6  
Concen: 1.78 ng  
RT: 6.628 min Scan# 256  
Delta R.T. 0.016 min  
Lab File: BM001382.D  
Acq: 22 May 2015 04:52

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC001EC

Tgt Ion: 99 Resp: 5722

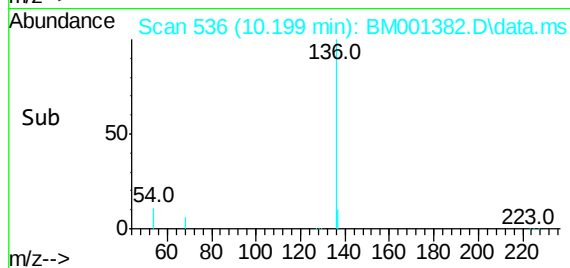
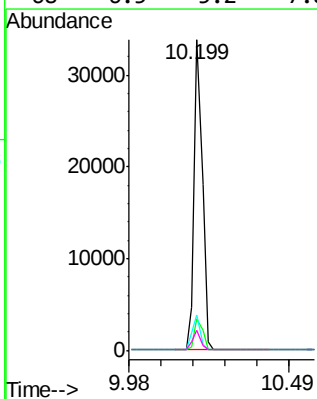
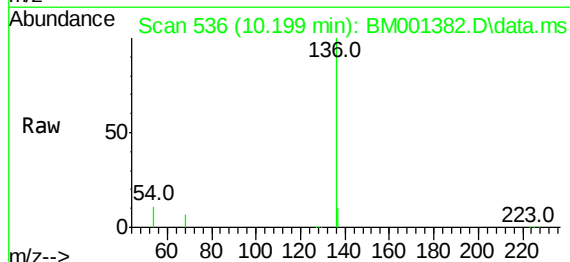
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 26.8  | 21.4  | 32.2  |
| 71  | 36.6  | 29.0  | 43.4  |

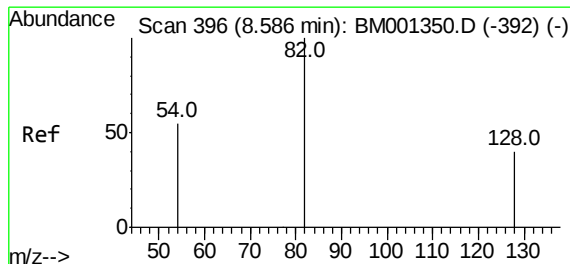


#6  
Naphthalene-d8  
Concen: 5.00 ng  
RT: 10.199 min Scan# 536  
Delta R.T. 0.000 min  
Lab File: BM001382.D  
Acq: 22 May 2015 04:52

Tgt Ion: 136 Resp: 59223

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 10.3  | 8.2   | 12.4  |
| 54  | 11.3  | 9.4   | 14.0  |
| 68  | 6.5   | 5.2   | 7.8   |

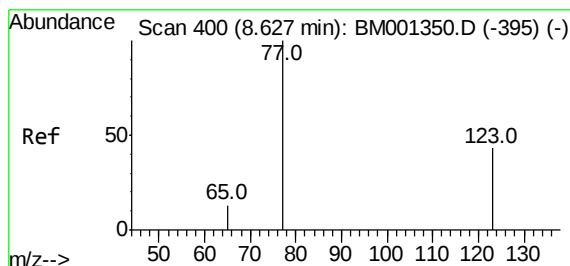
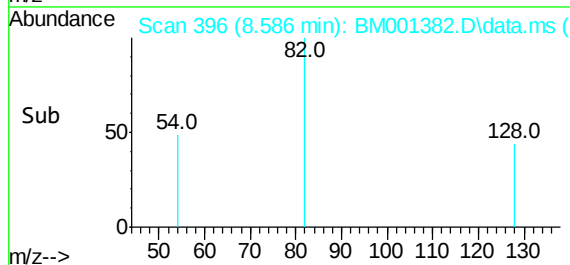
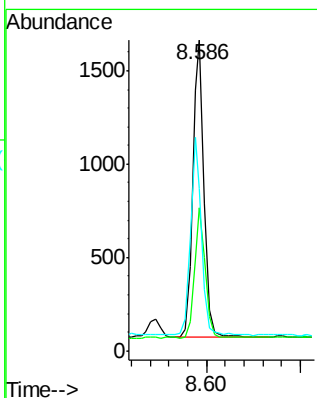
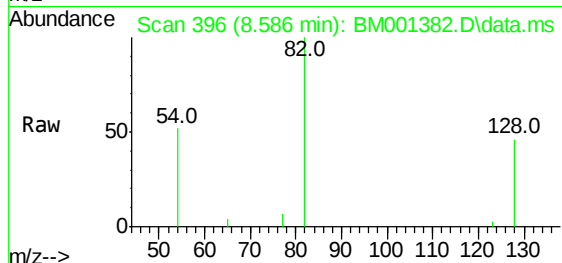




#7  
Nitrobenzene-d5  
Concen: 0.84 ng  
RT: 8.586 min Scan# 396  
Delta R.T. 0.000 min  
Lab File: BM001382.D  
Acq: 22 May 2015 04:52

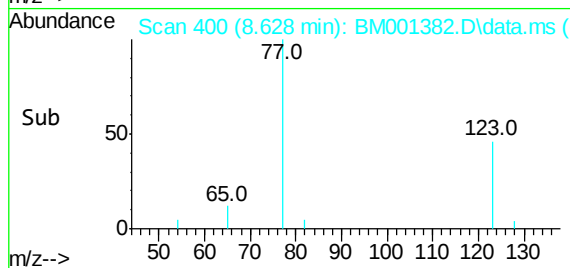
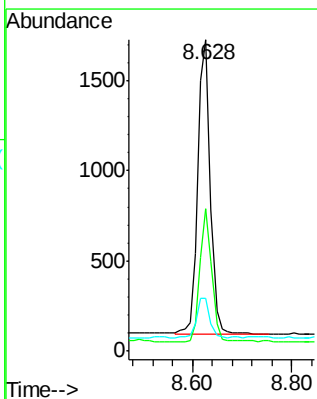
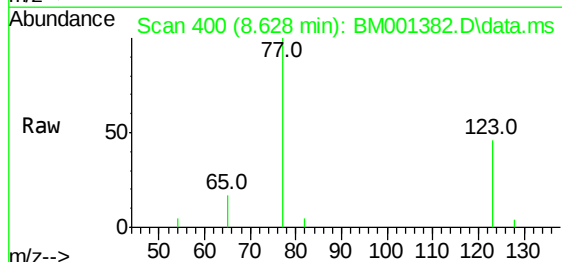
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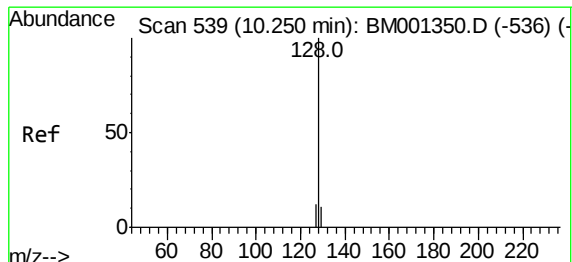
Tgt Ion: 82 Resp: 2677  
Ion Ratio Lower Upper  
82 100  
128 46.2 33.5 50.3  
54 52.4 45.1 67.7



#8  
Nitrobenzene  
Concen: 0.81 ng  
RT: 8.628 min Scan# 400  
Delta R.T. 0.001 min  
Lab File: BM001382.D  
Acq: 22 May 2015 04:52

Tgt Ion: 77 Resp: 2805  
Ion Ratio Lower Upper  
77 100  
123 42.1 33.6 50.4  
65 14.0 11.3 16.9

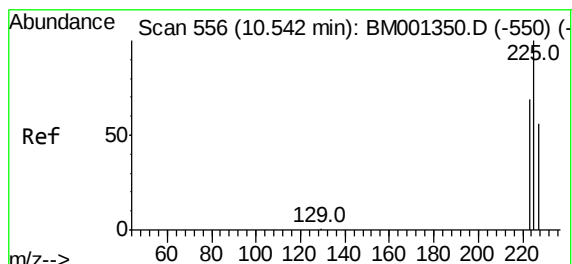
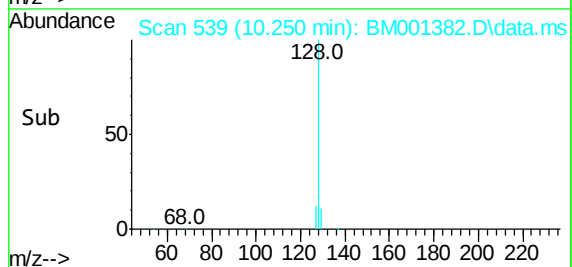
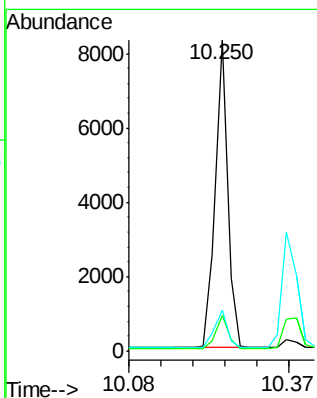
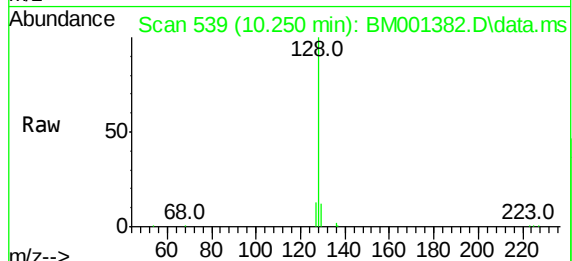




#9  
Naphthalene  
Concen: 1.04 ng  
RT: 10.250 min Scan# 539  
Delta R.T. 0.000 min  
Lab File: BM001382.D  
Acq: 22 May 2015 04:52

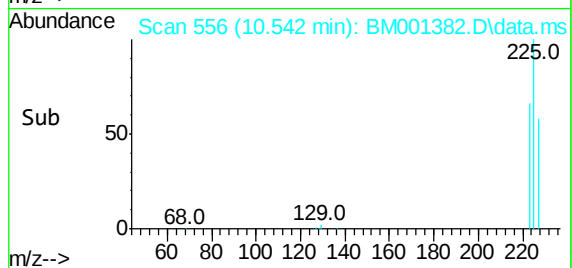
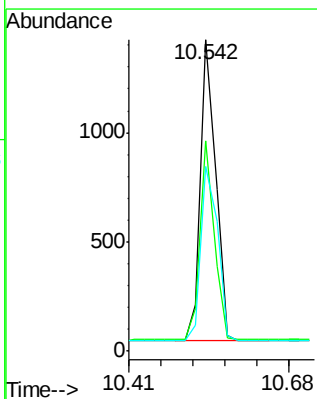
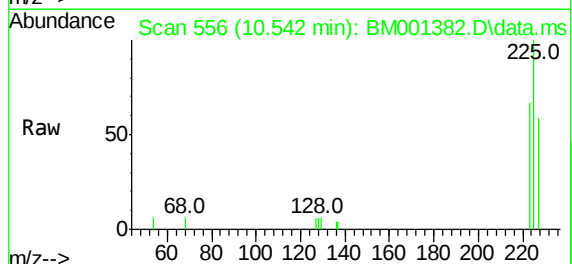
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC001EC

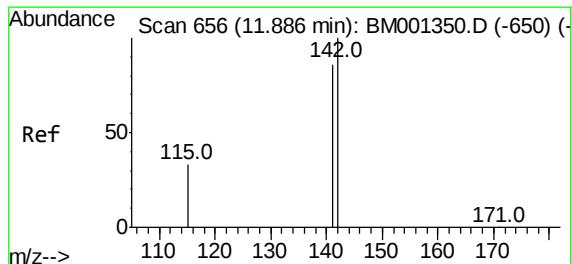
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|----------|-------|-------|-------|
| Tgt Ion: | 128   | Resp: | 13164 |
| Ion      | Ratio | Lower | Upper |
| 128      | 100   |       |       |
| 129      | 11.6  | 9.1   | 13.7  |
| 127      | 13.2  | 10.4  | 15.6  |



#10  
Hexachlorobutadiene  
Concen: 0.95 ng  
RT: 10.542 min Scan# 556  
Delta R.T. 0.000 min  
Lab File: BM001382.D  
Acq: 22 May 2015 04:52

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 225   | Resp: | 2325  |
| Ion      | Ratio | Lower | Upper |
| 225      | 100   |       |       |
| 223      | 62.6  | 50.3  | 75.5  |
| 227      | 63.9  | 50.6  | 75.8  |

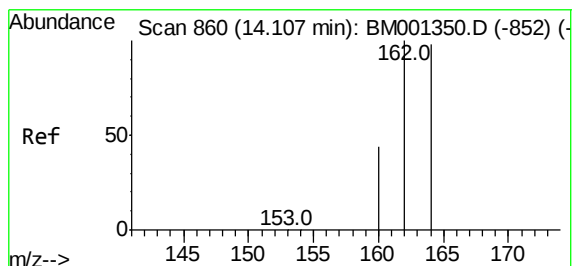
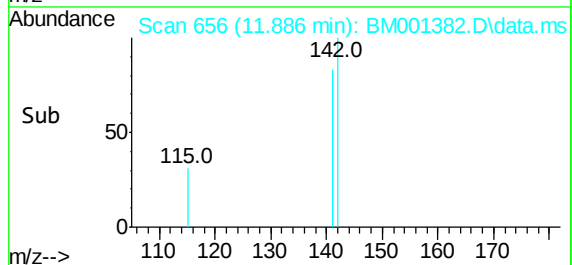
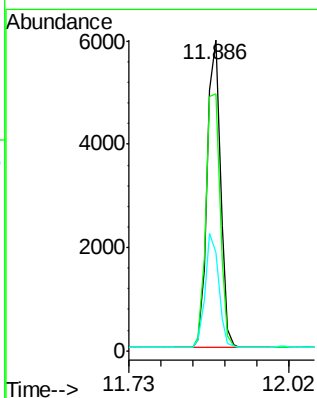
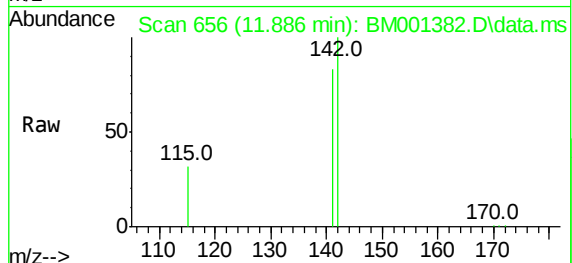




#11  
2-Methylnaphthalene  
Concen: 1.08 ng  
RT: 11.886 min Scan# 656  
Delta R.T. 0.000 min  
Lab File: BM001382.D  
Acq: 22 May 2015 04:52

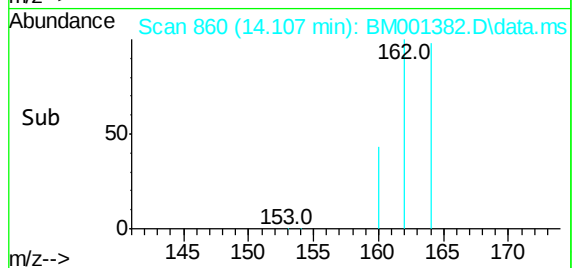
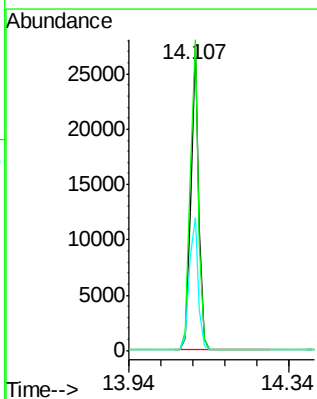
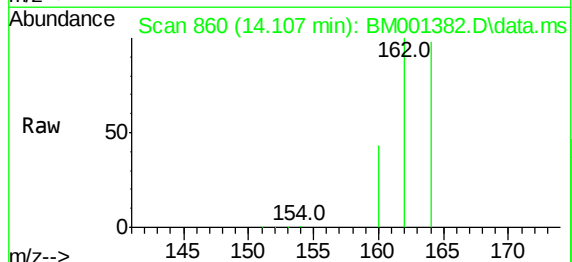
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC001EC

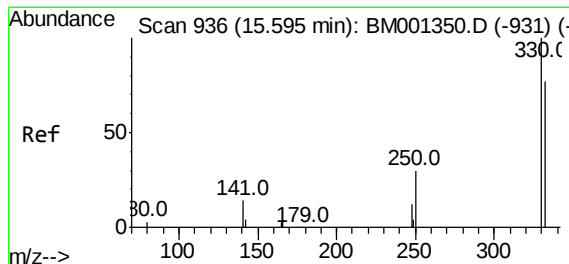
Tgt Ion:142 Resp: 9664  
Ion Ratio Lower Upper  
142 100  
141 82.8 69.0 103.4  
115 31.5 27.1 40.7



#12  
Acenaphthene-d10  
Concen: 5.00 ng  
RT: 14.107 min Scan# 860  
Delta R.T. 0.000 min  
Lab File: BM001382.D  
Acq: 22 May 2015 04:52

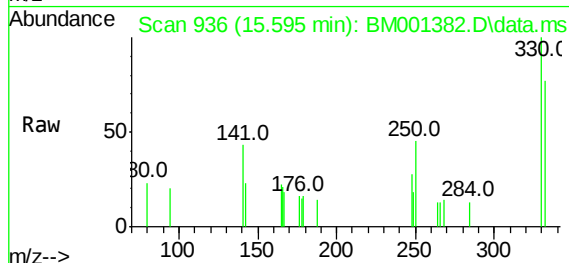
Tgt Ion:164 Resp: 38409  
Ion Ratio Lower Upper  
164 100  
162 102.1 81.8 122.8  
160 43.8 35.8 53.8





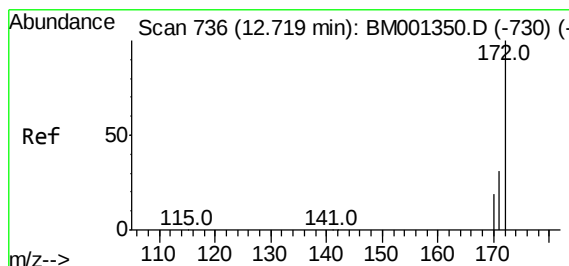
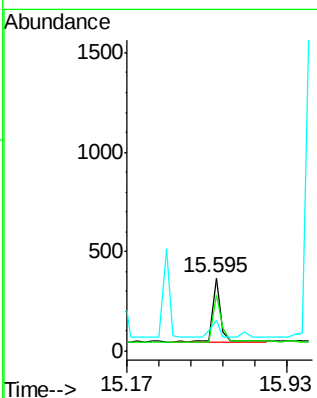
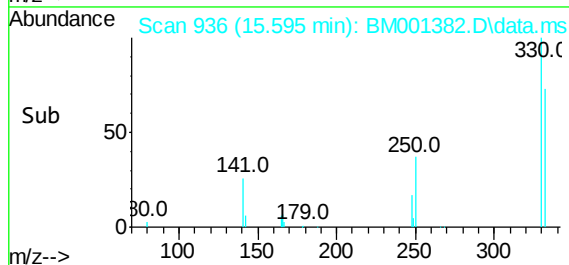
#13  
 2,4,6-Tribromophenol  
 Concen: 0.59 ng  
 RT: 15.595 min Scan# 936  
 Delta R.T. 0.001 min  
 Lab File: BM001382.D  
 Acq: 22 May 2015 04:52

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDCCC001EC

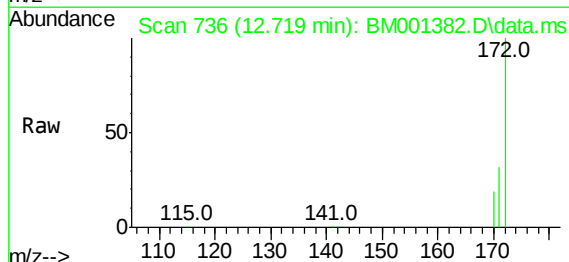


Tgt Ion: 330 Resp: 795  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 330 | 100   |       |       |
| 332 | 81.5  | 65.4  | 98.2  |
| 141 | 33.8  | 20.2  | 30.4  |

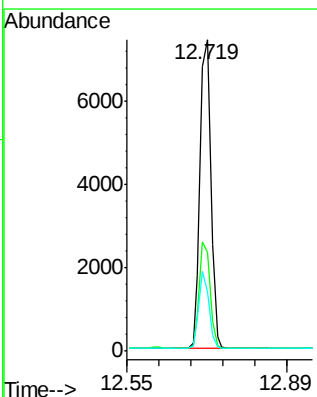
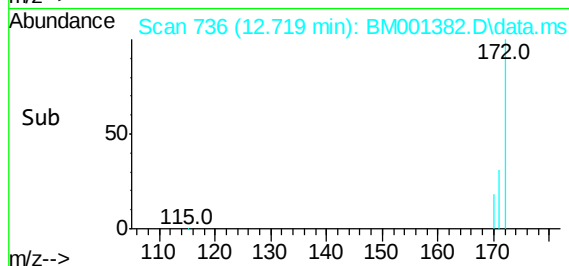


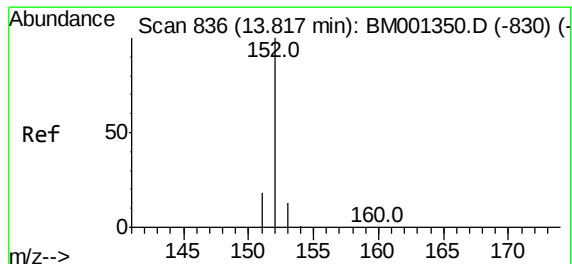
#14  
 2-Fluorobiphenyl  
 Concen: 1.03 ng  
 RT: 12.719 min Scan# 736  
 Delta R.T. 0.000 min  
 Lab File: BM001382.D  
 Acq: 22 May 2015 04:52



Tgt Ion: 172 Resp: 11829  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 172 | 100   |       |       |
| 171 | 31.5  | 25.4  | 38.2  |
| 170 | 18.7  | 15.7  | 23.5  |

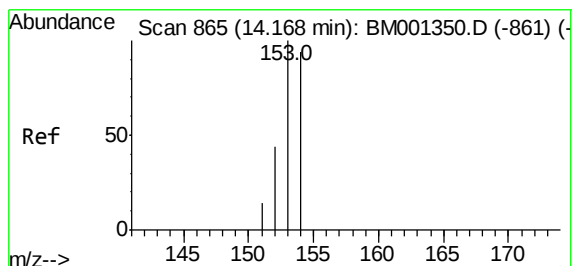
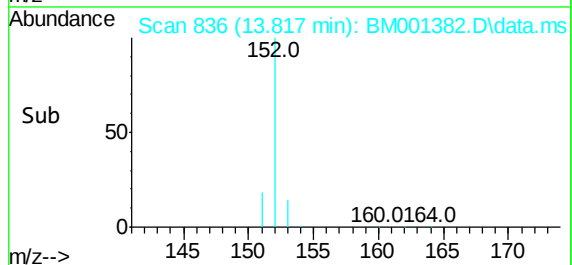
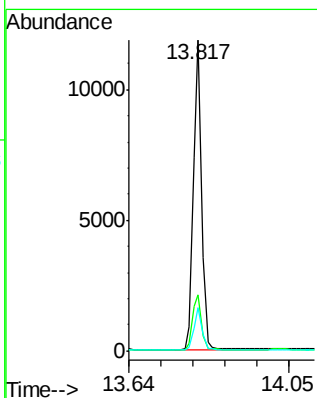
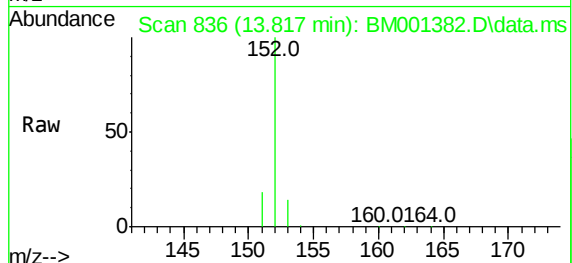




#15  
Acenaphthylene  
Concen: 1.09 ng  
RT: 13.817 min Scan# 836  
Delta R.T. 0.000 min  
Lab File: BM001382.D  
Acq: 22 May 2015 04:52

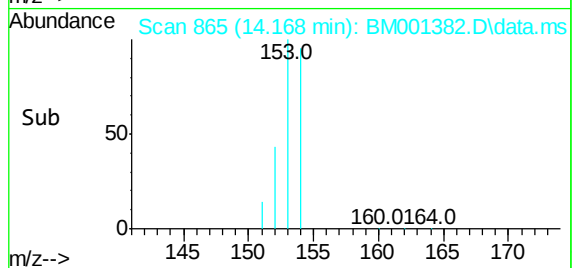
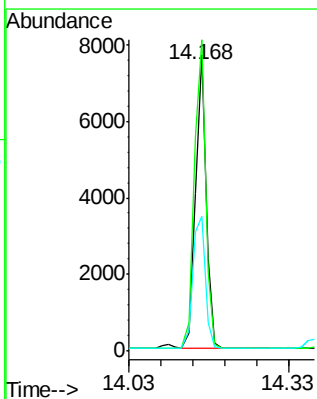
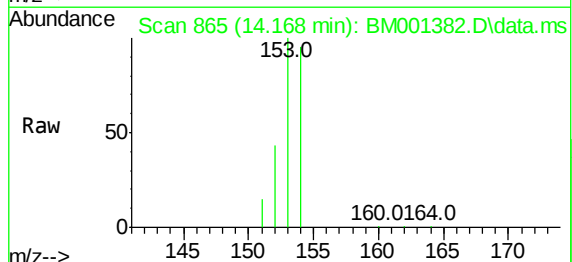
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC001EC

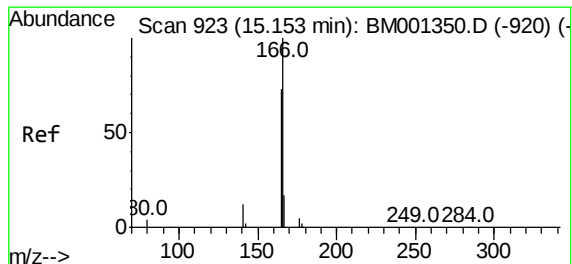
Tgt Ion:152 Resp: 17557  
Ion Ratio Lower Upper  
152 100  
151 19.1 15.3 22.9  
153 13.0 10.3 15.5



#16  
Acenaphthene  
Concen: 1.05 ng  
RT: 14.168 min Scan# 865  
Delta R.T. 0.000 min  
Lab File: BM001382.D  
Acq: 22 May 2015 04:52

Tgt Ion:154 Resp: 10648  
Ion Ratio Lower Upper  
154 100  
153 112.1 90.6 135.8  
152 52.8 43.6 65.4

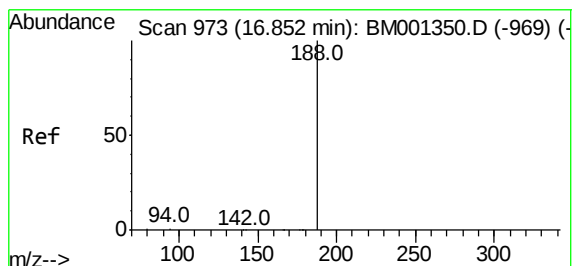
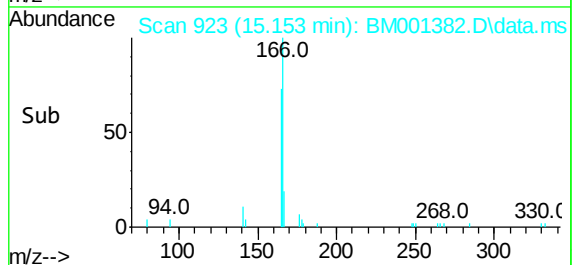
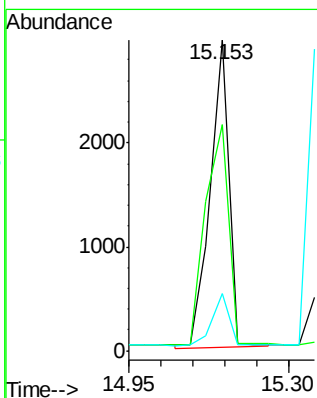
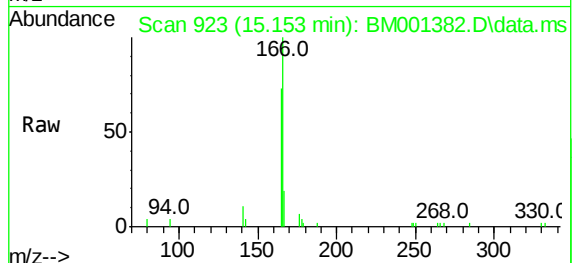




#17  
Fluorene  
Concen: 1.01 ng  
RT: 15.153 min Scan# 923  
Delta R.T. 0.000 min  
Lab File: BM001382.D  
Acq: 22 May 2015 04:52

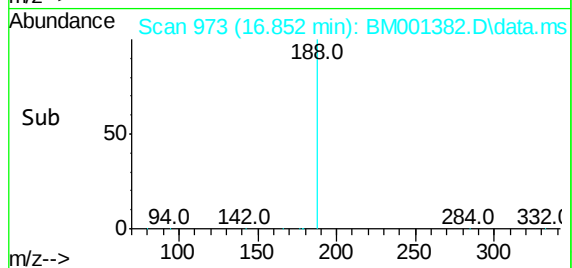
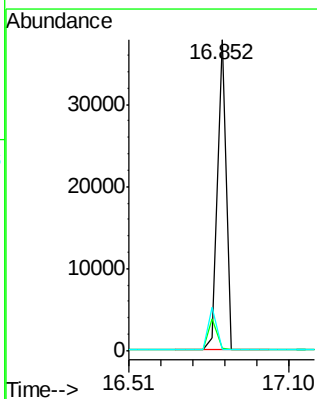
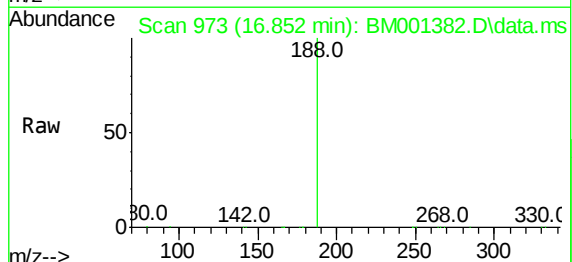
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC001EC

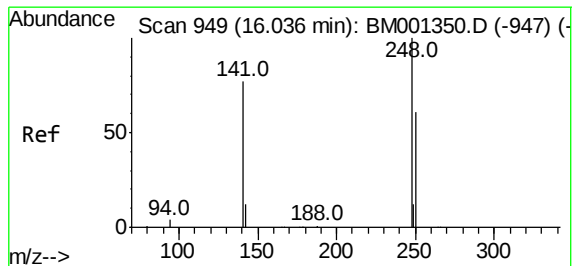
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 166   | Resp: | 8234  |
| Ion      | Ratio | Lower | Upper |
| 166      | 100   |       |       |
| 165      | 87.2  | 72.5  | 108.7 |
| 167      | 14.9  | 16.0  | 24.0  |



#18  
Phenanthrene-d10  
Concen: 5.00 ng  
RT: 16.852 min Scan# 973  
Delta R.T. 0.000 min  
Lab File: BM001382.D  
Acq: 22 May 2015 04:52

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 188   | Resp: | 80613 |
| Ion      | Ratio | Lower | Upper |
| 188      | 100   |       |       |
| 94       | 0.6   | 0.6   | 1.0   |
| 80       | 0.5   | 0.6   | 0.8   |

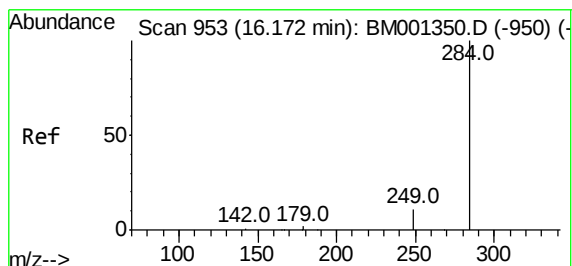
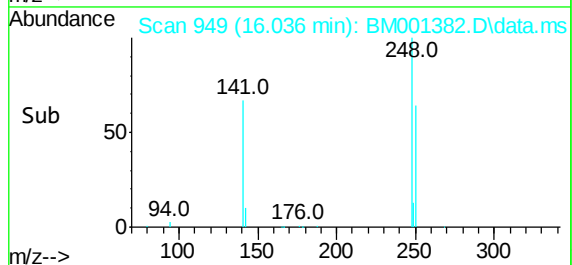
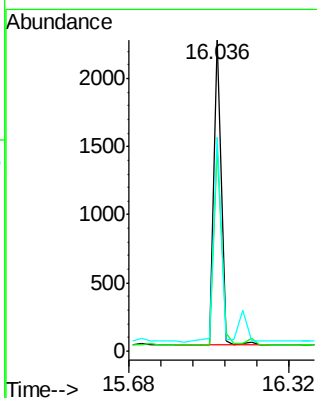
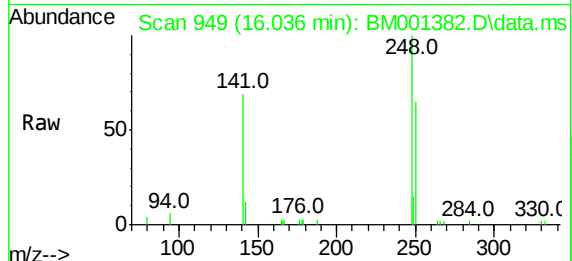




#19  
4-Bromophenyl-phenylether  
Concen: 1.07 ng  
RT: 16.036 min Scan# 949  
Delta R.T. 0.000 min  
Lab File: BM001382.D  
Acq: 22 May 2015 04:52

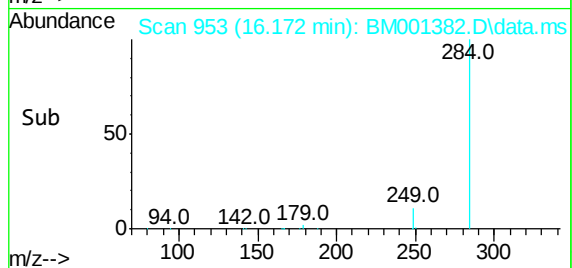
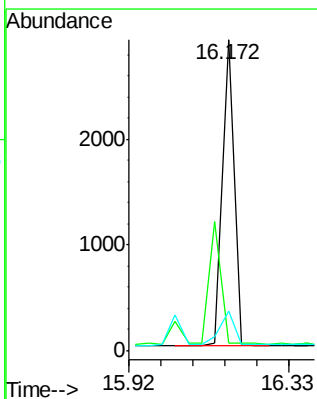
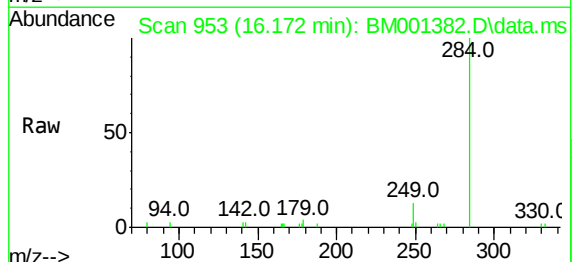
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC001EC

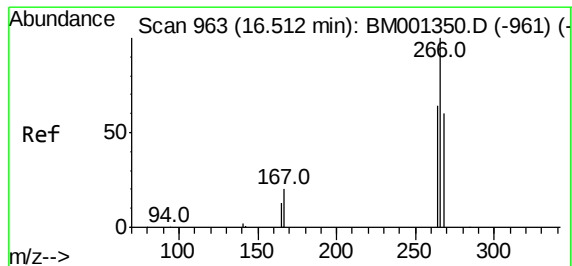
Tgt Ion:248 Resp: 4694  
Ion Ratio Lower Upper  
248 100  
250 66.2 51.5 77.3  
141 67.8 59.0 88.6



#20  
Hexachlorobenzene  
Concen: 1.00 ng  
RT: 16.172 min Scan# 953  
Delta R.T. 0.000 min  
Lab File: BM001382.D  
Acq: 22 May 2015 04:52

Tgt Ion:284 Resp: 5957  
Ion Ratio Lower Upper  
284 100  
142 0.0 0.0 0.0  
249 13.7 11.1 16.7

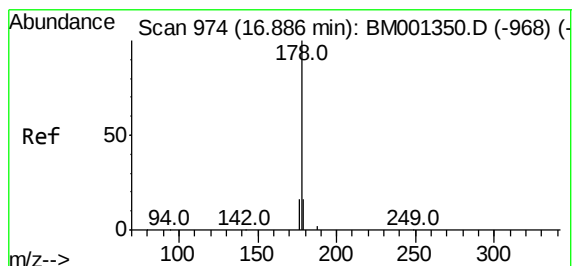
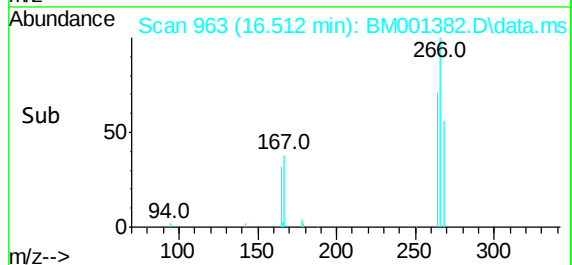
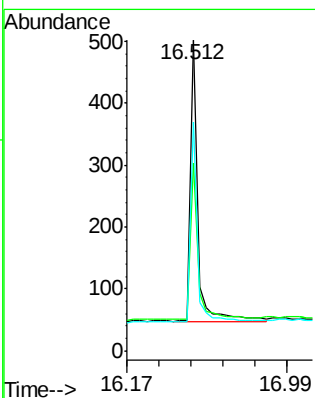
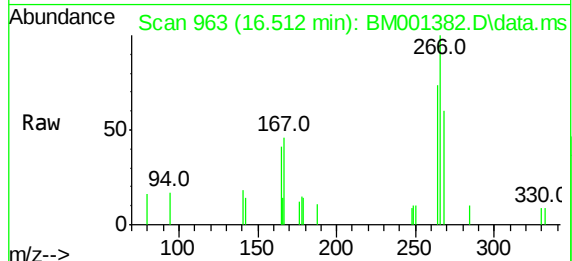




#21  
Pentachlorophenol  
Concen: 0.74 ng  
RT: 16.512 min Scan# 963  
Delta R.T. 0.001 min  
Lab File: BM001382.D  
Acq: 22 May 2015 04:52

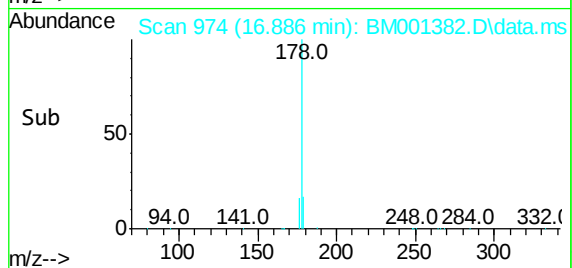
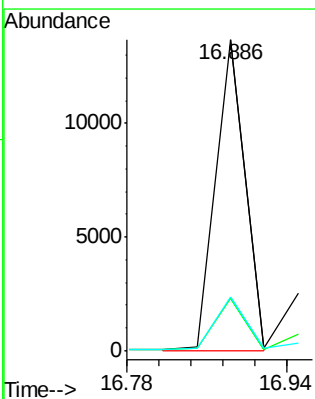
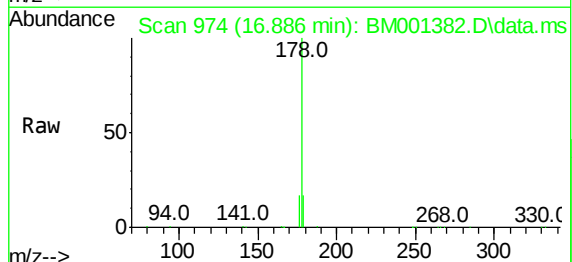
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC001EC

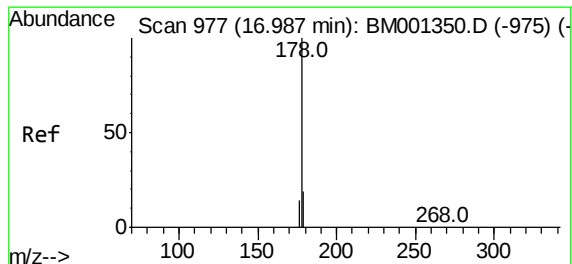
Tgt Ion:266 Resp: 1219  
Ion Ratio Lower Upper  
266 100  
268 60.4 51.2 76.8  
264 73.7 53.7 80.5



#22  
Phenanthrene  
Concen: 1.00 ng m  
RT: 16.886 min Scan# 974  
Delta R.T. 0.000 min  
Lab File: BM001382.D  
Acq: 22 May 2015 04:52

Tgt Ion:178 Resp: 28389  
Ion Ratio Lower Upper  
178 100  
176 23.6 16.6 25.0  
179 19.3 12.8 19.2#

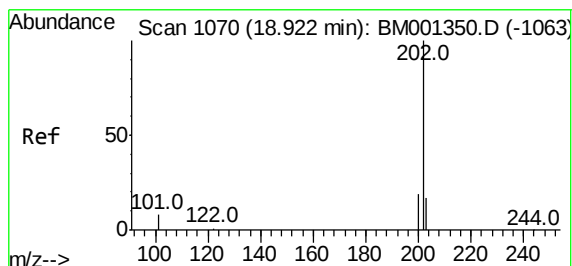
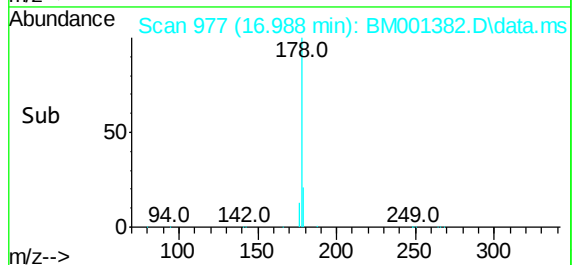
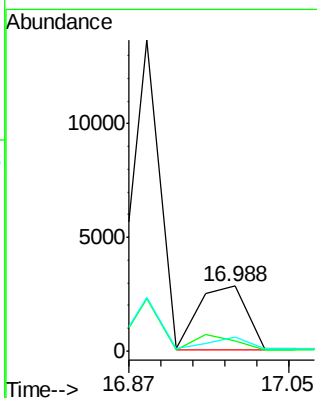
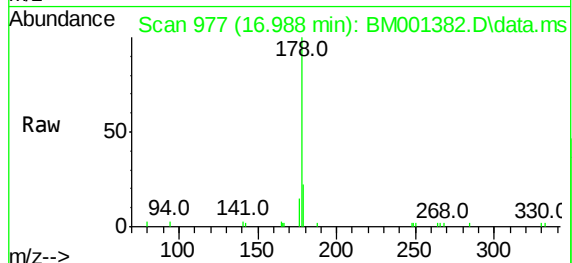




#23  
 Anthracene  
 Concen: 0.99 ng m  
 RT: 16.988 min Scan# 977  
 Delta R.T. 0.000 min  
 Lab File: BM001382.D  
 Acq: 22 May 2015 04:52

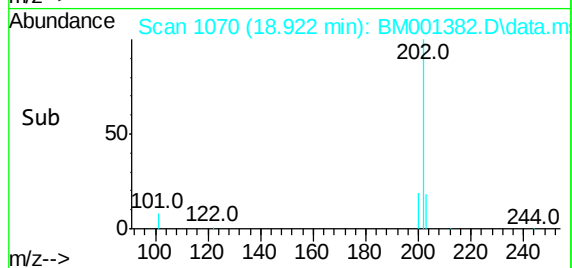
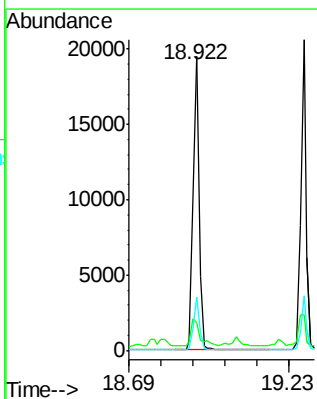
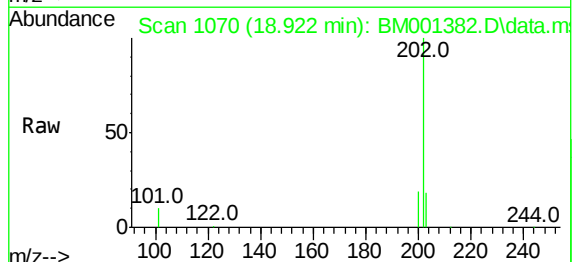
Instrument :  
 BNA\_M  
 ClientSampleId :  
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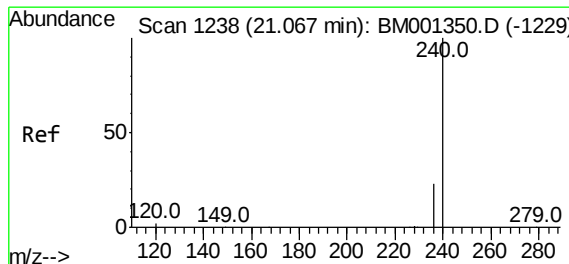
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 178   | Resp: | 10909 |
| Ion      | Ratio | Lower | Upper |
| 178      | 100   |       |       |
| 176      | 61.5  | 46.1  | 69.1  |
| 179      | 50.3  | 35.4  | 53.0  |



#24  
 Fluoranthene  
 Concen: 1.06 ng  
 RT: 18.922 min Scan# 1070  
 Delta R.T. 0.000 min  
 Lab File: BM001382.D  
 Acq: 22 May 2015 04:52

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 202   | Resp: | 25622 |
| Ion      | Ratio | Lower | Upper |
| 202      | 100   |       |       |
| 101      | 14.7  | 8.7   | 13.1# |
| 203      | 17.2  | 13.8  | 20.6  |

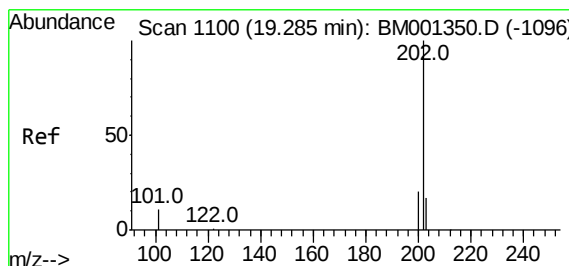
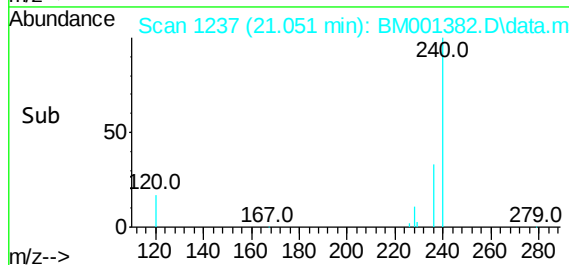
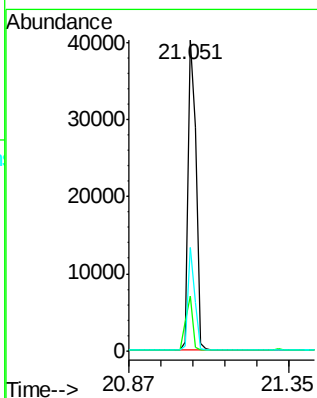
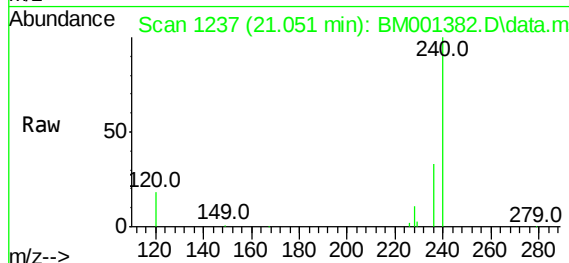




#25  
Chrysene-d12  
Concen: 5.00 ng  
RT: 21.051 min Scan# 1237  
Delta R.T. -0.015 min  
Lab File: BM001382.D  
Acq: 22 May 2015 04:52

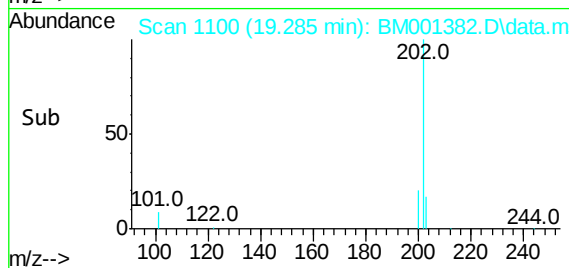
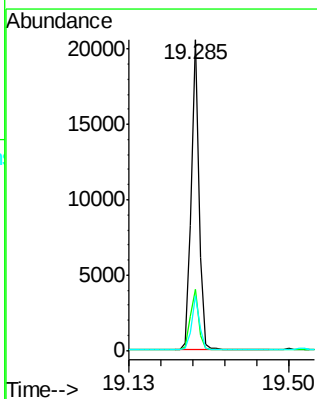
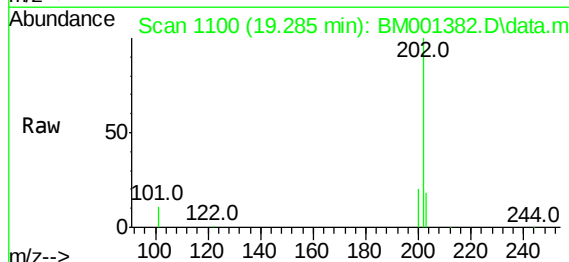
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC001EC

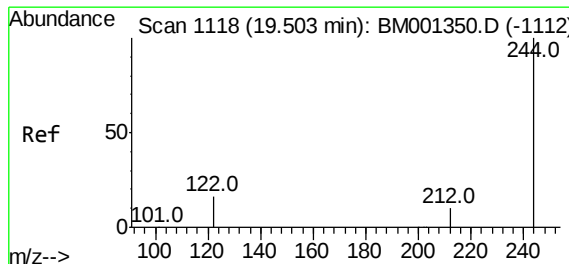
Tgt Ion:240 Resp: 66620  
Ion Ratio Lower Upper  
240 100  
120 17.7 1.6 2.4#  
236 33.1 18.5 27.7#



#26  
Pyrene  
Concen: 1.28 ng  
RT: 19.285 min Scan# 1100  
Delta R.T. 0.000 min  
Lab File: BM001382.D  
Acq: 22 May 2015 04:52

Tgt Ion:202 Resp: 26147  
Ion Ratio Lower Upper  
202 100  
200 20.5 16.2 24.4  
203 17.4 13.9 20.9

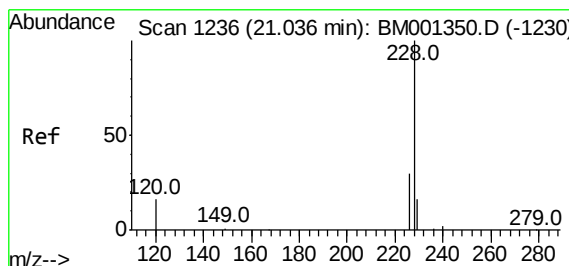
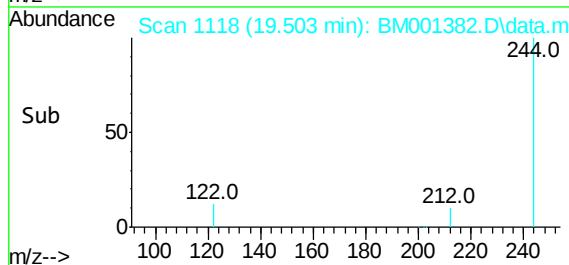
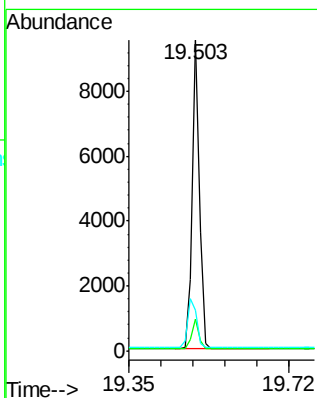
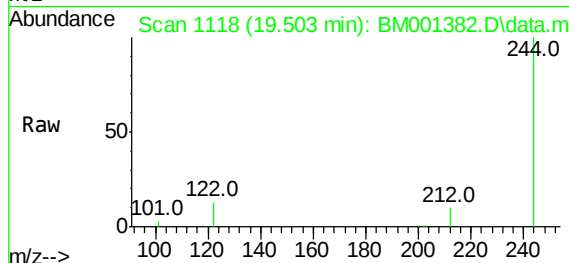




#27  
 Terphenyl-d14  
 Concen: 1.29 ng  
 RT: 19.503 min Scan# 1118  
 Delta R.T. 0.000 min  
 Lab File: BM001382.D  
 Acq: 22 May 2015 04:52

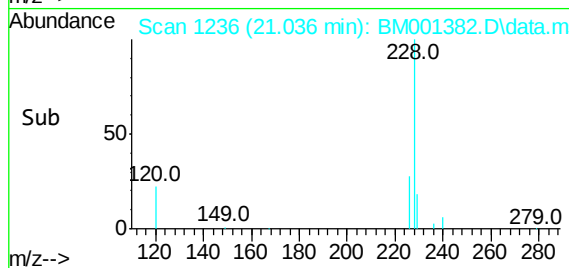
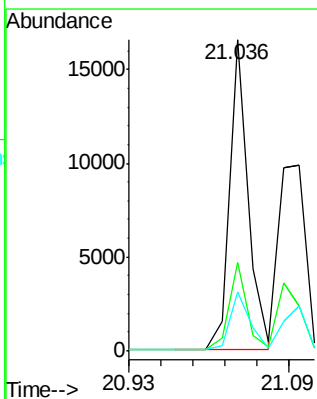
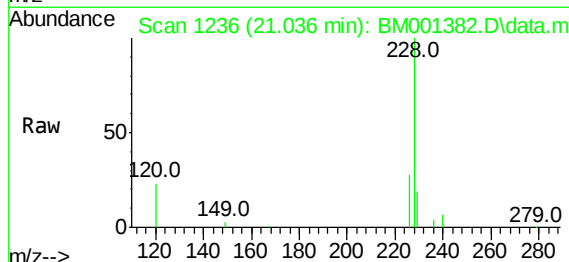
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDCCC001EC

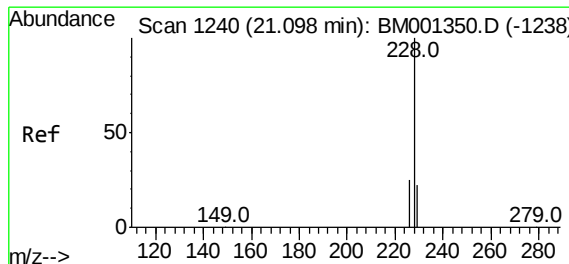
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 244   | Resp: | 11338 |
| Ion      | Ratio | Lower | Upper |
| 244      | 100   |       |       |
| 212      | 10.1  | 8.5   | 12.7  |
| 122      | 13.2  | 13.4  | 20.2  |



#28  
 Benzo(a)anthracene  
 Concen: 1.10 ng  
 RT: 21.036 min Scan# 1236  
 Delta R.T. 0.000 min  
 Lab File: BM001382.D  
 Acq: 22 May 2015 04:52

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 228   | Resp: | 21040 |
| Ion      | Ratio | Lower | Upper |
| 228      | 100   |       |       |
| 226      | 28.2  | 24.5  | 36.7  |
| 229      | 18.7  | 13.3  | 19.9  |

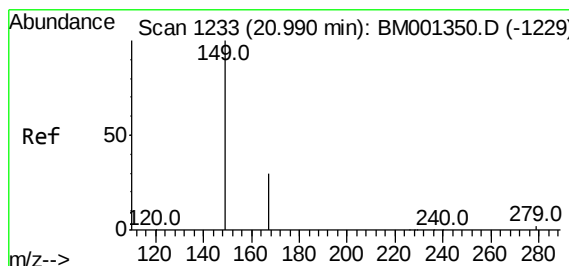
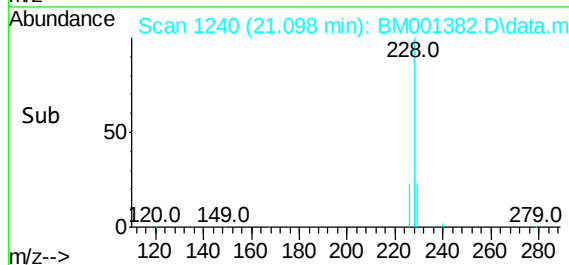
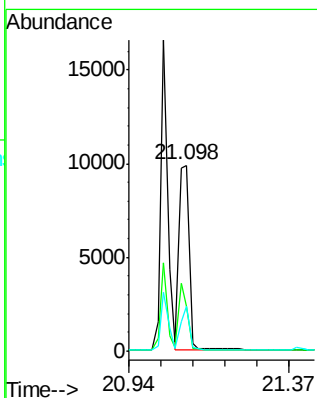
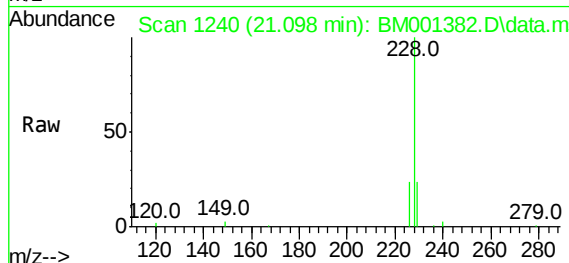




#29  
Chrysene  
Concen: 1.02 ng  
RT: 21.098 min Scan# 1240  
Delta R.T. 0.000 min  
Lab File: BM001382.D  
Acq: 22 May 2015 04:52

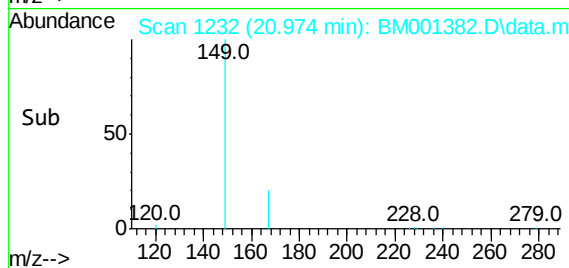
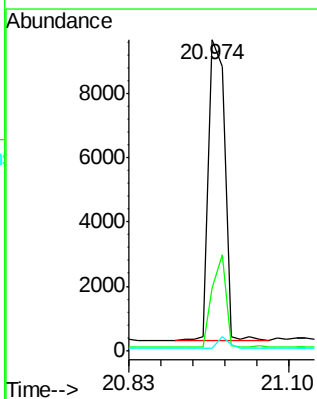
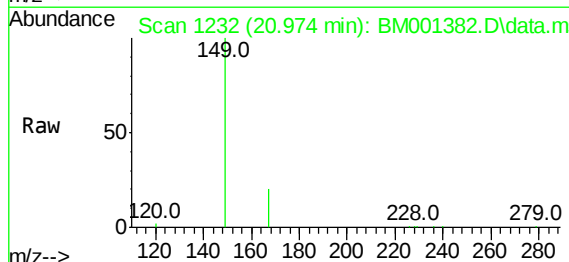
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC001EC

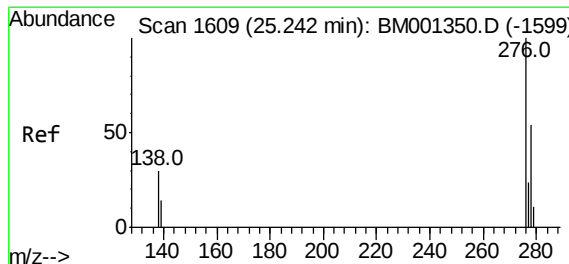
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 228   | Resp: | 18626 |
| Ion Ratio | Lower | Upper |       |
| 228       | 100   |       |       |
| 226       | 23.7  | 20.0  | 30.0  |
| 229       | 23.8  | 17.6  | 26.4  |



#30  
Bis(2-ethylhexyl)phthalate  
Concen: 1.58 ng  
RT: 20.974 min Scan# 1232  
Delta R.T. -0.015 min  
Lab File: BM001382.D  
Acq: 22 May 2015 04:52

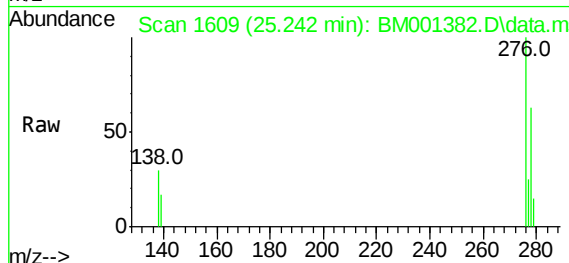
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 149   | Resp: | 17112 |
| Ion Ratio | Lower | Upper |       |
| 149       | 100   |       |       |
| 167       | 25.9  | 21.6  | 32.4  |
| 279       | 2.8   | 1.9   | 2.9   |



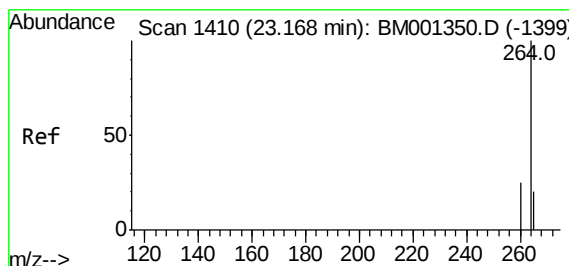
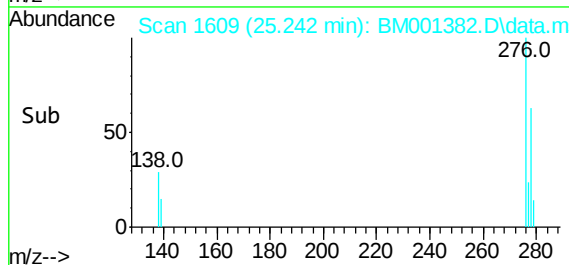
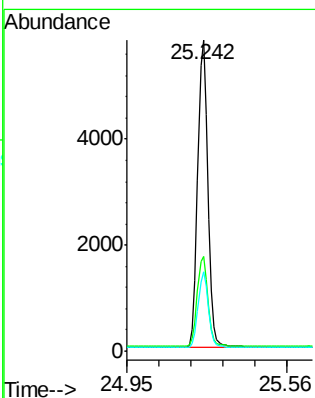


#31  
Indeno(1,2,3-cd)pyrene  
Concen: 0.80 ng  
RT: 25.242 min Scan# 1609  
Delta R.T. 0.000 min  
Lab File: BM001382.D  
Acq: 22 May 2015 04:52

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC001EC

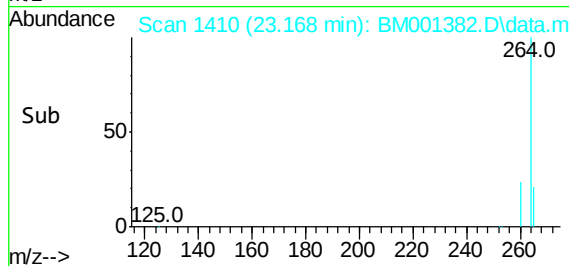
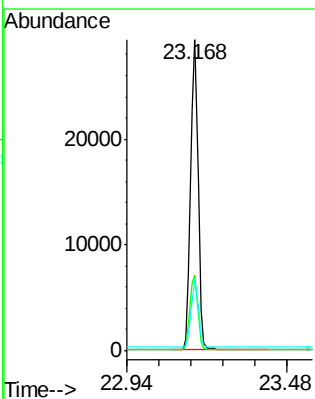
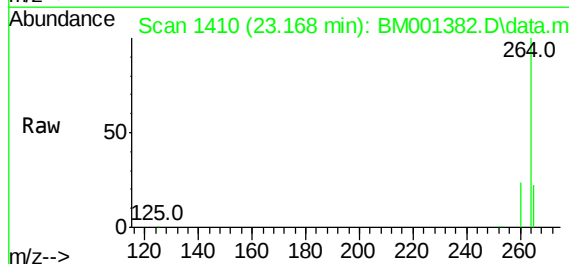


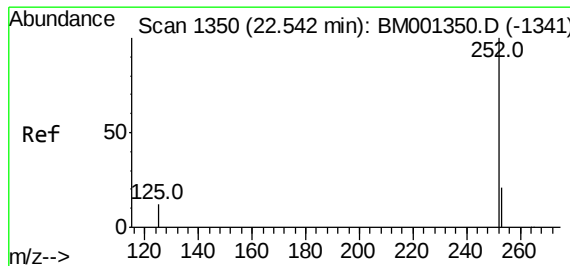
Tgt Ion:276 Resp: 15653  
Ion Ratio Lower Upper  
276 100  
138 29.7 24.2 36.4  
277 24.5 19.7 29.5



#32  
Perylene-d12  
Concen: 5.00 ng  
RT: 23.168 min Scan# 1410  
Delta R.T. 0.000 min  
Lab File: BM001382.D  
Acq: 22 May 2015 04:52

Tgt Ion:264 Resp: 50695  
Ion Ratio Lower Upper  
264 100  
260 24.4 20.4 30.6  
265 22.4 16.6 24.8





#33

Benzo(b)fluoranthene

Concen: 1.03 ng

RT: 22.542 min Scan# 1350

Delta R.T. 0.000 min

Lab File: BM001382.D

Acq: 22 May 2015 04:52

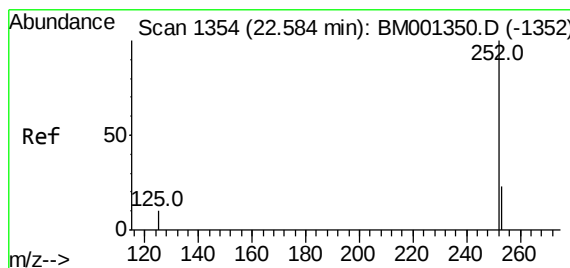
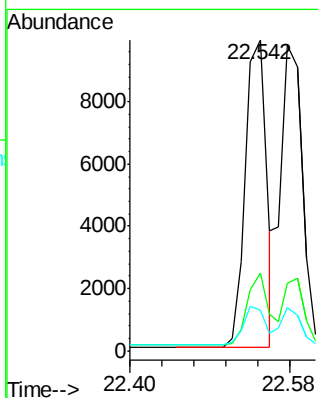
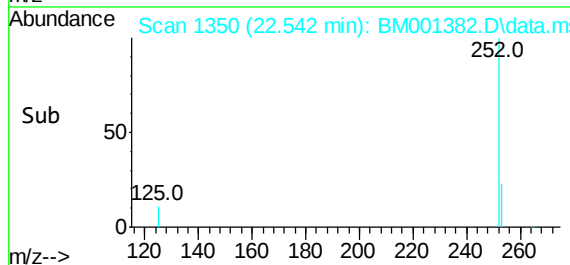
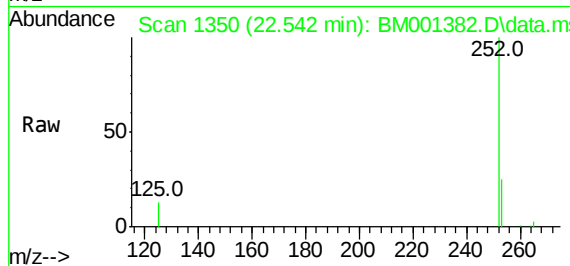
Tgt Ion:252 Resp: 16160

Ion Ratio Lower Upper

252 100

253 25.1 17.9 26.9

125 12.9 9.8 14.8



#34

Benzo(k)fluoranthene

Concen: 1.17 ng m

RT: 22.573 min Scan# 1353

Delta R.T. -0.010 min

Lab File: BM001382.D

Acq: 22 May 2015 04:52

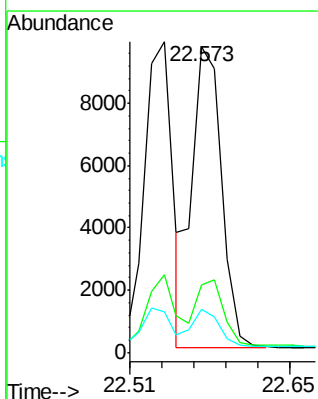
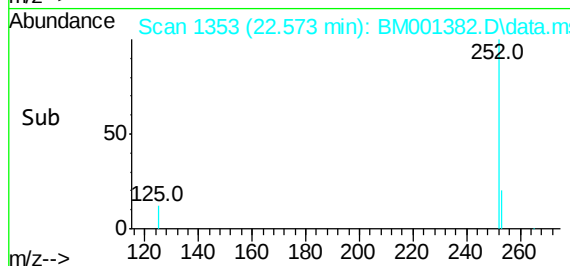
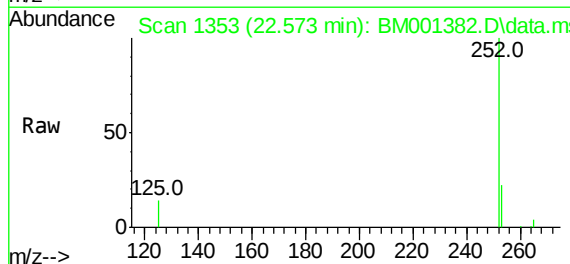
Tgt Ion:252 Resp: 16159

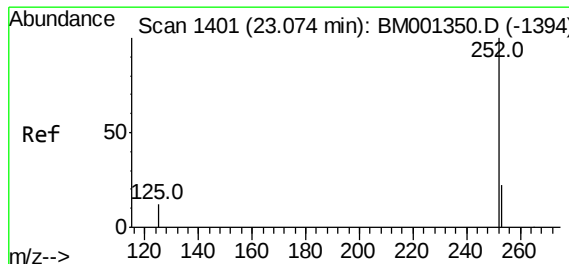
Ion Ratio Lower Upper

252 100

253 22.1 18.6 28.0

125 14.2 9.3 13.9#

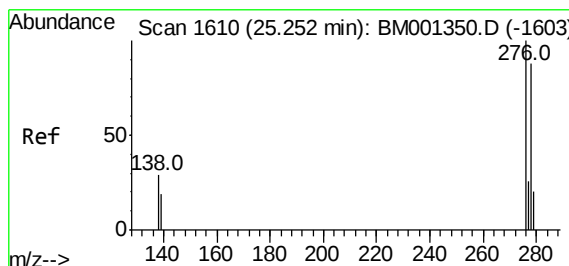
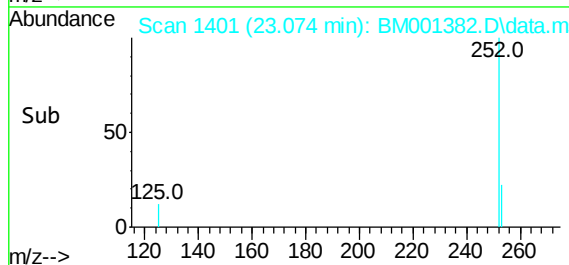
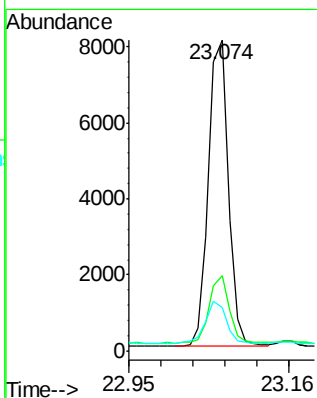
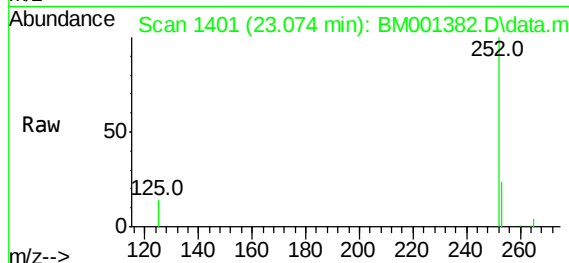




#35  
Benzo(a)pyrene  
Concen: 1.10 ng  
RT: 23.074 min Scan# 1401  
Delta R.T. 0.000 min  
Lab File: BM001382.D  
Acq: 22 May 2015 04:52

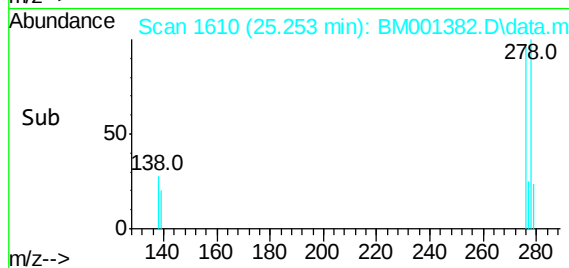
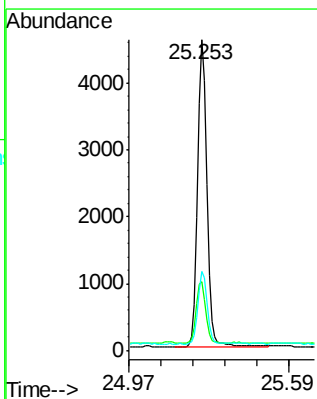
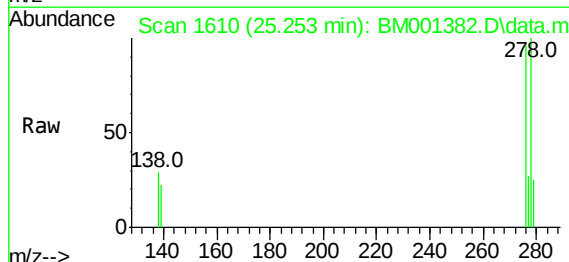
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC001EC

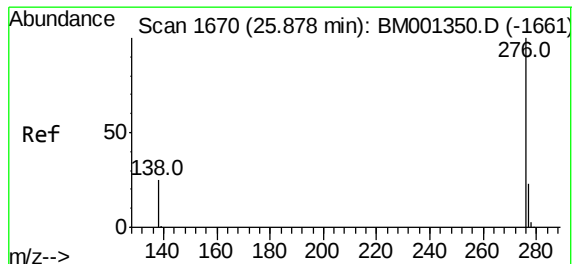
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 252   | Resp: | 14575 |
| Ion      | Ratio | Lower | Upper |
| 252      | 100   |       |       |
| 253      | 24.4  | 18.9  | 28.3  |
| 125      | 14.1  | 10.6  | 15.8  |



#36  
Dibenzo(a,h)anthracene  
Concen: 1.00 ng  
RT: 25.253 min Scan# 1610  
Delta R.T. 0.000 min  
Lab File: BM001382.D  
Acq: 22 May 2015 04:52

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 278   | Resp: | 12217 |
| Ion      | Ratio | Lower | Upper |
| 278      | 100   |       |       |
| 139      | 22.0  | 17.5  | 26.3  |
| 279      | 25.3  | 18.7  | 28.1  |





#37

Benzo(g,h,i)perylene

Concen: 0.96 ng

RT: 25.878 min Scan# 1670

Delta R.T. 0.000 min

Lab File: BM001382.D

Acq: 22 May 2015 04:52

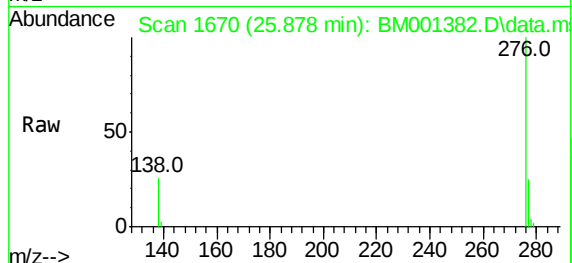
Tgt Ion: 276 Resp: 12650

Ion Ratio Lower Upper

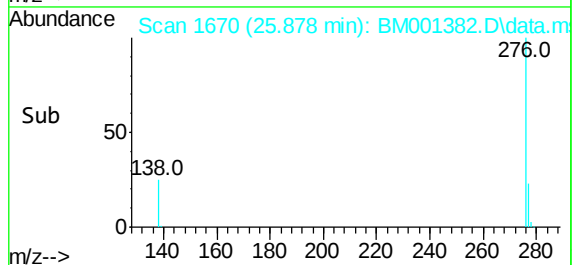
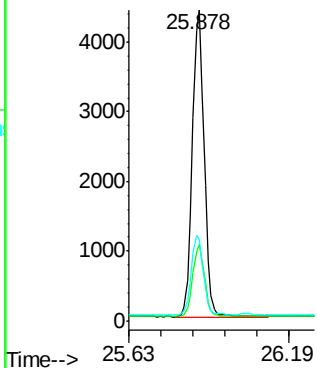
276 100

277 24.6 19.2 28.8

138 26.4 20.2 30.4



Abundance



Instrument :

BNA\_M

ClientSampleId :

SSTDCCC001EC