

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_G\DATA\BG071618\  
 Data File : BG035675.D  
 Acq On : 16 Jul 2018 18:35  
 Operator : JU/SJ  
 Sample : J3991-04  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SB-3-A

Quant Time: Jul 17 05:33:09 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\8270-BG071218.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jul 12 14:43:32 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.06  | 152  | 33910    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.86 | 136  | 139292   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 14.68 | 164  | 108048   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 17.42 | 188  | 313158   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 21.68 | 240  | 327695   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 24.91 | 264  | 307768   | 20.00 | ng    | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 5) 2-Fluorophenol           | 5.64  | 112  | 303751   | 148.72 | ng    | 0.00     |
| 7) Phenol-d6                | 7.23  | 99   | 460779   | 151.21 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.22  | 82   | 297984   | 89.37  | ng    | 0.00     |
| 41) 2,4,6-Tribromophenol    | 16.17 | 330  | 207700   | 145.84 | ng    | 0.00     |
| 44) 2-Fluorobiphenyl        | 13.30 | 172  | 685293   | 84.97  | ng    | 0.00     |
| 78) Terphenyl-d14           | 20.02 | 244  | 1305131  | 87.79  | ng    | 0.00     |

| Target Compounds               | R.T.  | QIon | Response | Conc   | Units | Qvalue |
|--------------------------------|-------|------|----------|--------|-------|--------|
| 2) 1,4-Dioxane                 | 3.57  | 88   | 56       | 0.054  | ng    | # 1    |
| 3) Pyridine                    | 3.98  | 79   | 63       | 0.023  | ng    | # 1    |
| 4) n-Nitrosodimethylamine      | 3.88  | 42   | 154      | 0.132  | ng    | # 1    |
| 6) Aniline                     | 7.26  | 93   | 58       | 0.015  | ng    | # 1    |
| 8) 2-Chlorophenol              | 7.92  | 128  | 91       | 0.044  | ng    | # 1    |
| 9) Benzaldehyde                | 7.23  | 77   | 1231     | 0.658  | ng    | # 5    |
| 10) Phenol                     | 7.26  | 94   | 4949     | 1.607  | ng    | # 73   |
| 11) bis(2-Chloroethyl)ether    | 7.60  | 93   | 654      | 0.271  | ng    | # 1    |
| 12) 1,3-Dichlorobenzene        | 8.24  | 146  | 64       | 0.026  | ng    | # 26   |
| 13) 1,4-Dichlorobenzene        | 8.24  | 146  | 64       | 0.025  | ng    | # 23   |
| 14) 1,2-Dichlorobenzene        | 8.24  | 146  | 64       | 0.026  | ng    | # 25   |
| 15) Benzyl Alcohol             | 8.38  | 79   | 4947     | 1.788  | ng    | # 44   |
| 16) 2,2'-oxybis(1-Chloropropan | 8.59  | 45   | 62       | 0.031  | ng    | # 75   |
| 17) 2-Methylphenol             | 8.32  | 107  | 65       | 0.031  | ng    | # 13   |
| 18) Hexachloroethane           | 9.19  | 117  | 81       | 0.083  | ng    | # 1    |
| 19) n-Nitroso-di-n-propylamine | 9.22  | 70   | 39662    | 15.456 | ng    | # 71   |
| 20) 3+4-Methylphenols          | 8.32  | 107  | 65       | 0.022  | ng    | # 24   |
| 22) Acetophenone               | 8.87  | 105  | 57       | 0.013  | ng    | # 1    |
| 24) Nitrobenzene               | 9.27  | 77   | 63       | 0.019  | ng    | # 42   |
| 25) Isophorone                 | 9.72  | 82   | 71       | 0.011  | ng    | # 69   |
| 28) bis(2-Chloroethoxy)methane | 10.61 | 93   | 60       | 0.018  | ng    | # 51   |
| 29) 2,4-Dichlorophenol         | 10.62 | 162  | 82       | 0.036  | ng    | # 23   |
| 30) 1,2,4-Trichlorobenzene     | 10.90 | 180  | 53       | 0.019  | ng    | # 12   |
| 31) Naphthalene                | 11.03 | 128  | 70       | 0.010  | ng    | # 68   |
| 33) 4-Chloroaniline            | 11.18 | 127  | 194      | 0.061  | ng    | # 46   |
| 36) 4-Chloro-3-methylphenol    | 12.06 | 107  | 75       | 0.024  | ng    | # 22   |
| 37) 2-Methylnaphthalene        | 12.23 | 142  | 58       | 0.011  | ng    | # 17   |
| 40) Hexachlorocyclopentadiene  | 12.90 | 237  | 76       | 0.036  | ng    | # 22   |
| 42) 2,4,6-Trichlorophenol      | 13.37 | 196  | 86       | 0.036  | ng    | # 11   |
| 43) 2,4,5-Trichlorophenol      | 13.37 | 196  | 86       | 0.032  | ng    | # 17   |
| 45) 1,1'-Biphenyl              | 13.51 | 154  | 993      | 0.119  | ng    | # 43   |
| 46) 2-Chloronaphthalene        | 13.84 | 162  | 58       | 0.009  | ng    | # 39   |
| 47) 2-Nitroaniline             | 13.73 | 65   | 64       | 0.028  | ng    | # 9    |
| 48) Acenaphthylene             | 14.39 | 152  | 57       | 0.005  | ng    | # 59   |

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Instrument :  
 BNA\_G  
 ClientSampleId :  
 SB-3-A

Quant Time: Jul 17 05:33:09 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\8270-BG071218.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jul 12 14:43:32 2018  
 Response via : Initial Calibration

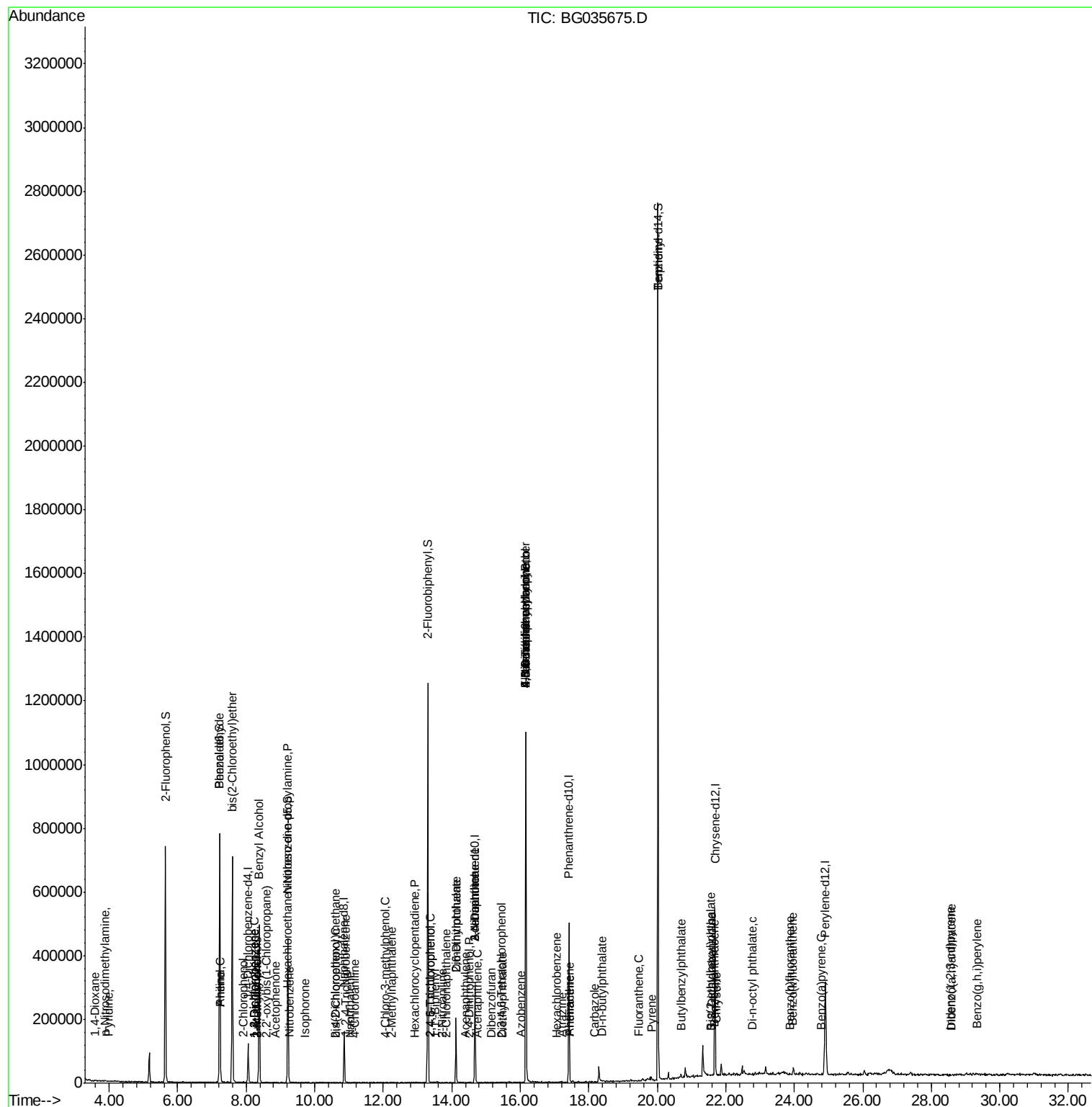
| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 49) Dimethylphthalate          | 14.12 | 163  | 125186   | 13.224 | ng    | 100      |
| 50) 2,6-Dinitrotoluene         | 14.12 | 165  | 1345     | 0.698  | ng    | # 14     |
| 51) Acenaphthene               | 14.74 | 154  | 67       | 0.010  | ng    | # 5      |
| 52) 3-Nitroaniline             | 14.68 | 138  | 55       | 0.028  | ng    | # 1      |
| 53) 2,4-Dinitrophenol          | 14.49 | 184  | 58       | 6.636  | ng    | # 1      |
| 54) Dibenzofuran               | 15.15 | 168  | 83       | 0.008  | ng    | # 46     |
| 56) 2,4-Dinitrotoluene         | 14.68 | 165  | 15565    | 5.628  | ng    | # 19     |
| 57) Fluorene                   | 16.16 | 166  | 7290     | 0.804  | ng    | # 73     |
| 58) 2,3,4,6-Tetrachlorophenol  | 15.45 | 232  | 55       | 0.022  | ng    | # 10     |
| 59) Diethylphthalate           | 15.48 | 149  | 485      | 0.050  | ng    | # 58     |
| 61) 4-Nitroaniline             | 16.16 | 138  | 60       | 0.029  | ng    | # 1      |
| 62) Azobenzene                 | 16.02 | 77   | 169      | 0.018  | ng    | # 53     |
| 64) 4,6-Dinitro-2-methylphenol | 16.16 | 198  | 1090     | 0.625  | ng    | # 82     |
| 65) n-Nitrosodiphenylamine     | 16.17 | 169  | 7848     | 0.880  | ng    | # 41     |
| 66) 4-Bromophenyl-phenylether  | 16.16 | 248  | 16515    | 4.546  | ng    | # 1      |
| 67) Hexachlorobenzene          | 17.06 | 284  | 81       | 0.022  | ng    | # 41     |
| 68) Atrazine                   | 17.23 | 200  | 84       | 0.023  | ng    | # 35     |
| 70) Phenanthrene               | 17.46 | 178  | 224      | 0.014  | ng    | # 60     |
| 71) Anthracene                 | 17.46 | 178  | 224      | 0.014  | ng    | # 59     |
| 72) Carbazole                  | 18.16 | 167  | 65       | 0.004  | ng    | # 59     |
| 73) Di-n-butylphthalate        | 18.37 | 149  | 1951     | 0.112  | ng    | # 78     |
| 74) Fluoranthene               | 19.46 | 202  | 86       | 0.004  | ng    | # 65     |
| 76) Benzidine                  | 20.02 | 184  | 22490    | 2.611  | ng    | # 87     |
| 77) Pyrene                     | 19.83 | 202  | 183      | 0.009  | ng    | # 57     |
| 79) Butylbenzylphthalate       | 20.70 | 149  | 256      | 0.035  | ng    | # 53     |
| 80) Benzo(a)anthracene         | 21.65 | 228  | 68       | 0.003  | ng    | # 50     |
| 81) 3,3'-Dichlorobenzidine     | 21.59 | 252  | 546      | 0.077  | ng    | # 68     |
| 82) Chrysene                   | 21.72 | 228  | 100      | 0.005  | ng    | # 49     |
| 83) Bis(2-ethylhexyl)phthalate | 21.56 | 149  | 1294     | 0.128  | ng    | # 50     |
| 84) Di-n-octyl phthalate       | 22.76 | 149  | 481      | 0.029  | ng    | # 1      |
| 85) Indeno(1,2,3-cd)pyrene     | 28.56 | 276  | 124      | 0.006  | ng    | # 53     |
| 87) Benzo(b)fluoranthene       | 23.89 | 252  | 147      | 0.008  | ng    | # 9      |
| 88) Benzo(k)fluoranthene       | 23.96 | 252  | 67       | 0.004  | ng    | # 1      |
| 89) Benzo(a)pyrene             | 24.79 | 252  | 135      | 0.008  | ng    | # 56     |
| 90) Dibenzo(a,h)anthracene     | 28.58 | 278  | 54       | 0.003  | ng    | # 58     |
| 91) Benzo(g,h,i)perylene       | 29.33 | 276  | 55       | 0.003  | ng    | # 56     |

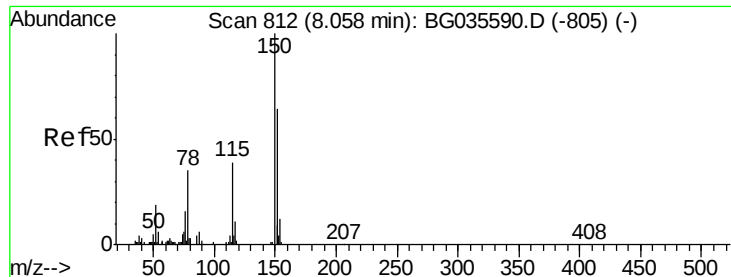
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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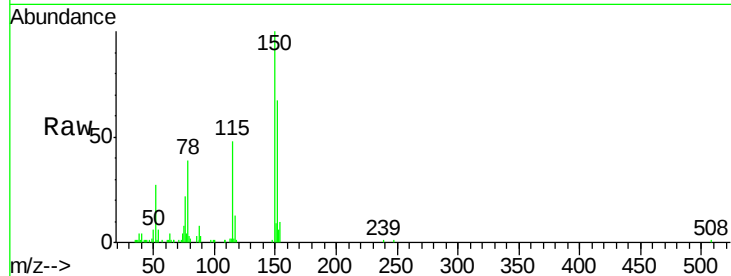


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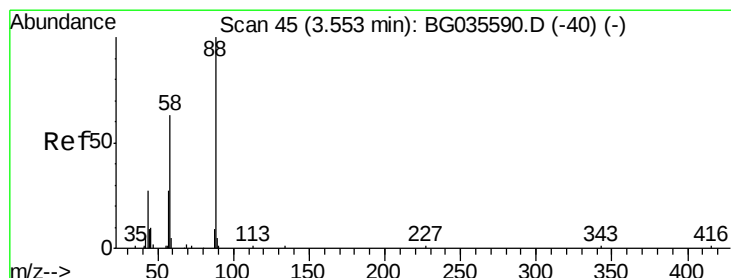
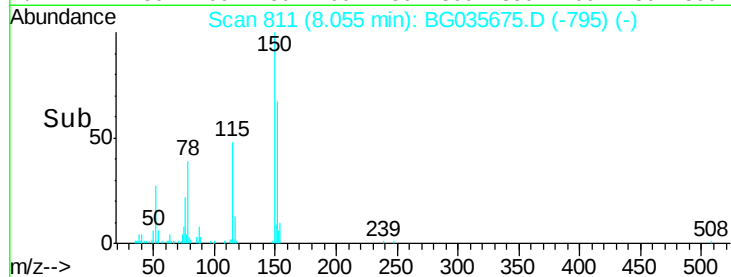
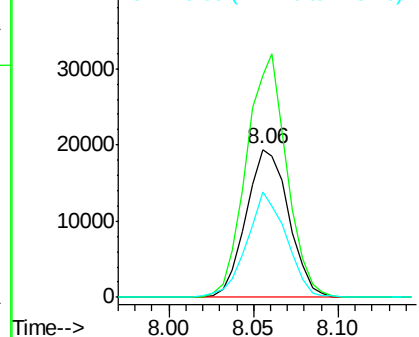
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.06 min Scan# 811  
Delta R.T. -0.00 min  
Lab File: BG035675.D  
Acq: 16 Jul 2018 18:35

Instrument :  
BNA\_G  
ClientSampleId :  
SB-3-A

Tgt Ion:152 Resp: 33910  
Ion Ratio Lower Upper  
152 100  
150 150.2 126.6 189.8  
115 71.4 53.0 79.4



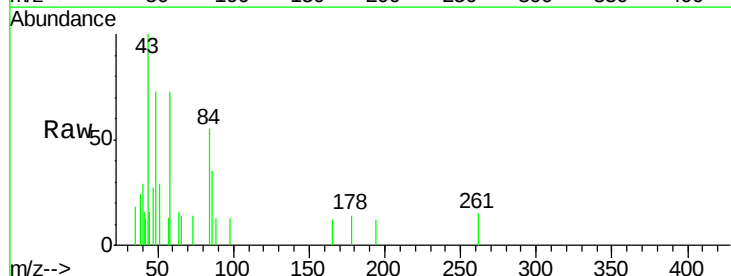
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



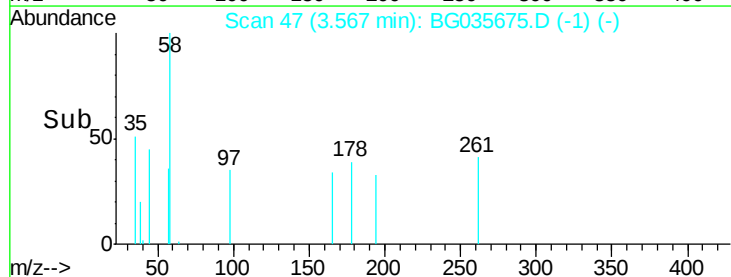
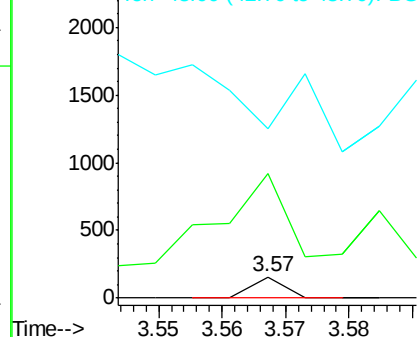
#2

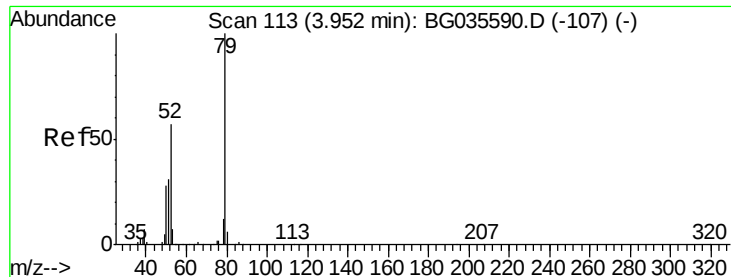
1,4-Dioxane  
Concen: 0.054 ng  
RT: 3.57 min Scan# 47  
Delta R.T. 0.01 min  
Lab File: BG035675.D  
Acq: 16 Jul 2018 18:35

Tgt Ion: 88 Resp: 56  
Ion Ratio Lower Upper  
88 100  
58 930.4 79.6 119.4#  
43 0.0 27.4 41.0#



Abundance Ion 88.00 (87.70 to 88.70): BGC  
Ion 58.00 (57.70 to 58.70): BGC  
Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 0.023 ng

RT: 3.98 min Scan# 117

Delta R.T. 0.03 min

Lab File: BG035675.D

Acq: 16 Jul 2018 18:35

Instrument :

BNA\_G

ClientSampleId :

SB-3-A

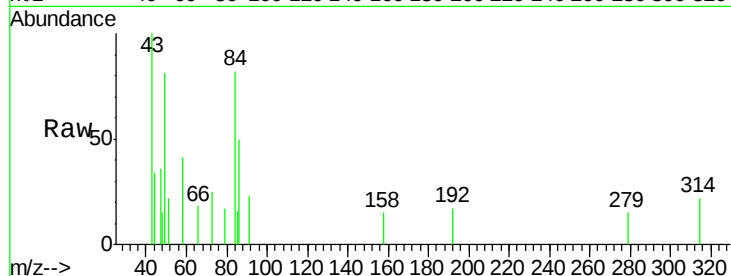
Tgt Ion: 79 Resp: 63

Ion Ratio Lower Upper

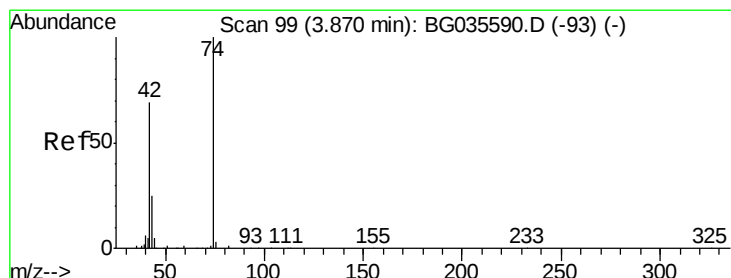
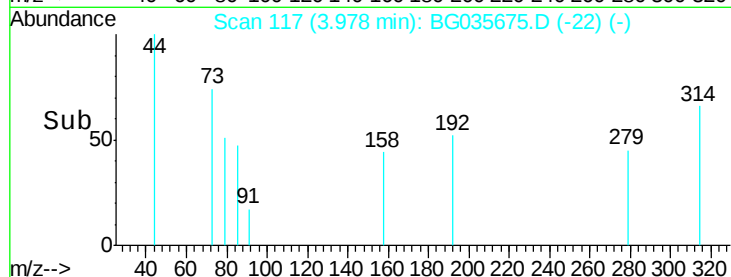
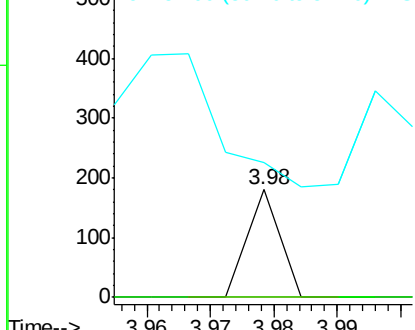
79 100

52 0.0 69.9 104.9#

51 125.6 34.0 51.0#



Abundance Ion 79.00 (78.70 to 79.70): BGC  
Ion 52.00 (51.70 to 52.70): BGC  
Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 0.132 ng

RT: 3.88 min Scan# 100

Delta R.T. 0.01 min

Lab File: BG035675.D

Acq: 16 Jul 2018 18:35

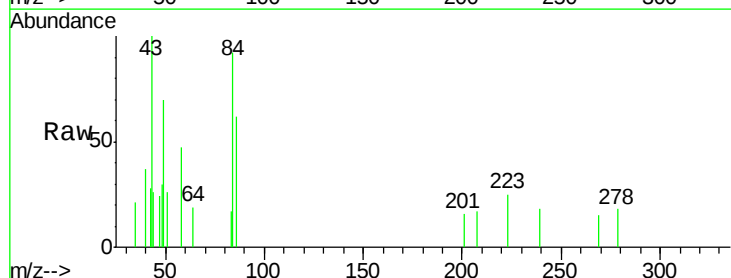
Tgt Ion: 42 Resp: 154

Ion Ratio Lower Upper

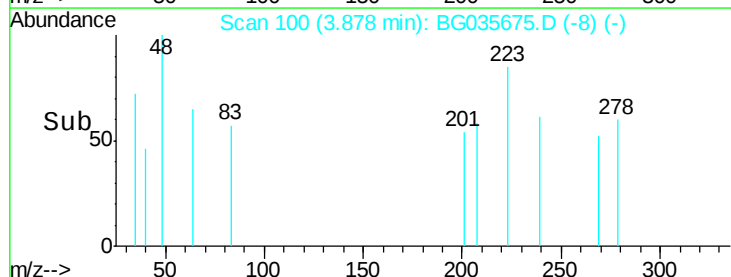
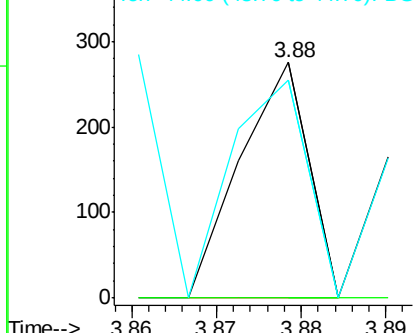
42 100

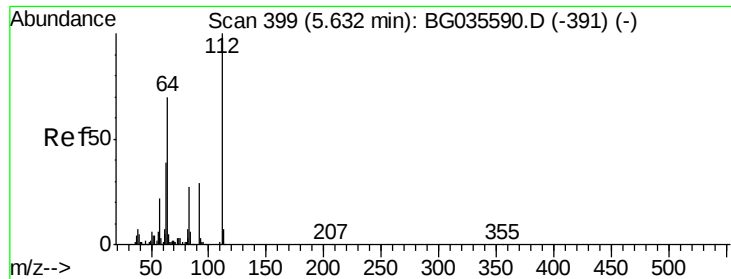
74 0.0 102.5 153.7#

44 92.4 18.9 28.3#



Abundance Ion 42.00 (41.70 to 42.70): BGC  
Ion 74.00 (73.70 to 74.70): BGC  
Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 148.717 ng

RT: 5.64 min Scan# 400

Delta R.T. 0.01 min

Lab File: BG035675.D

Acq: 16 Jul 2018 18:35

Instrument :

BNA\_G

ClientSampleId :

SB-3-A

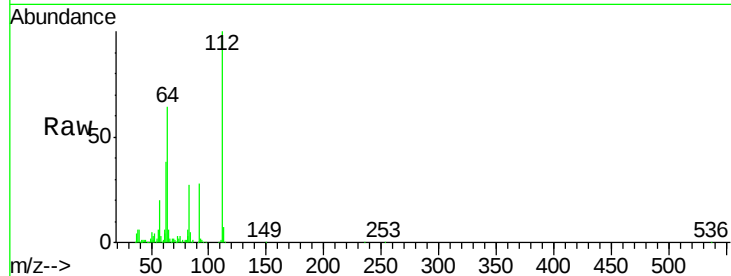
Tgt Ion: 112 Resp: 303751

Ion Ratio Lower Upper

112 100

64 63.7 56.3 84.5

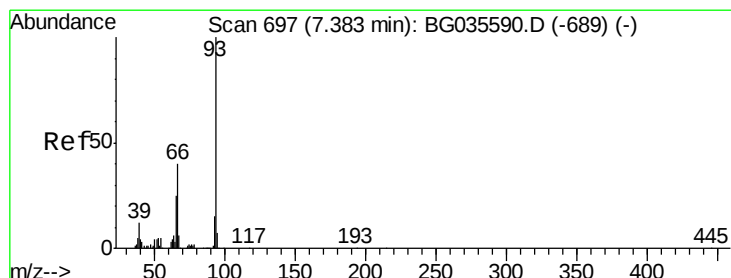
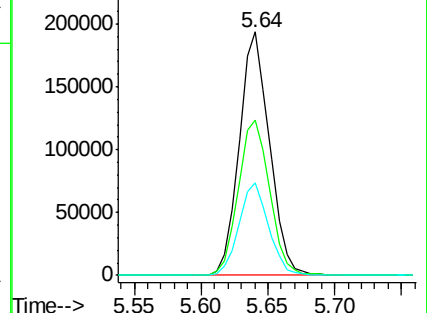
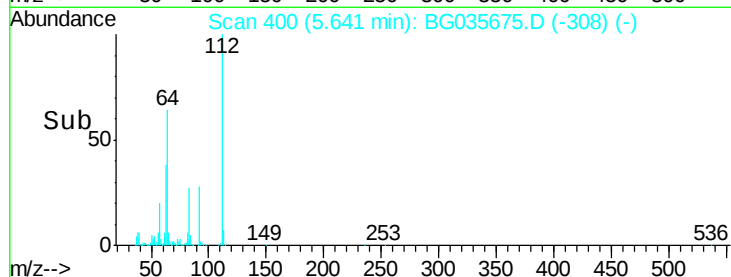
63 37.9 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 0.015 ng

RT: 7.26 min Scan# 675

Delta R.T. -0.13 min

Lab File: BG035675.D

Acq: 16 Jul 2018 18:35

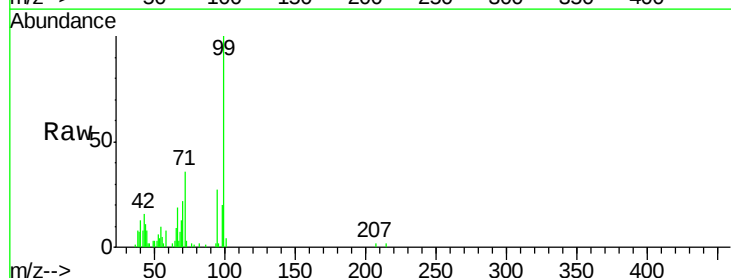
Tgt Ion: 93 Resp: 58

Ion Ratio Lower Upper

93 100

66 1264.2 33.7 50.5#

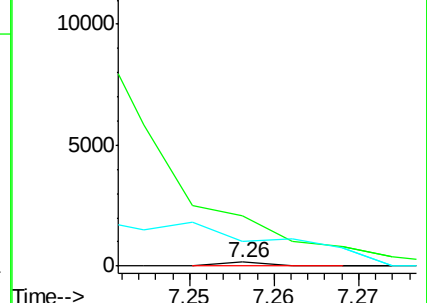
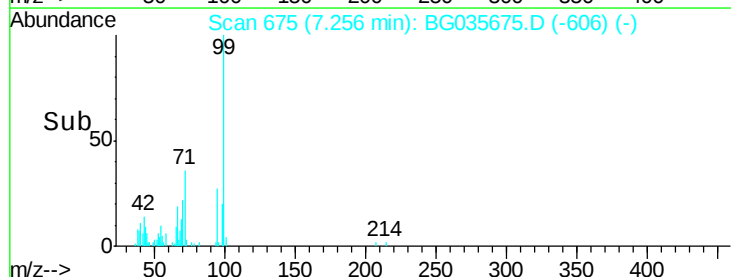
65 626.7 16.1 24.1#

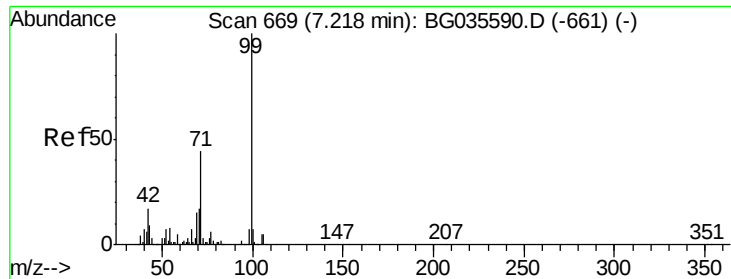


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 151.206 ng

RT: 7.23 min Scan# 670

Delta R.T. 0.01 min

Lab File: BG035675.D

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BNA\_G

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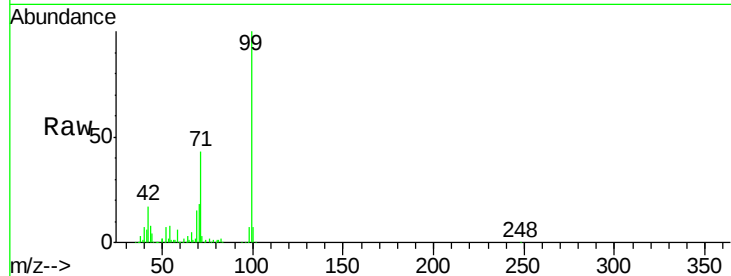
Tgt Ion: 99 Resp: 460779

Ion Ratio Lower Upper

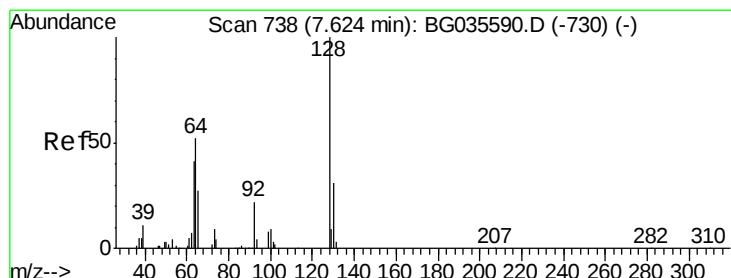
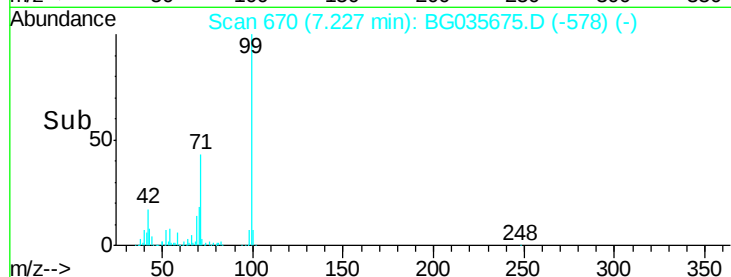
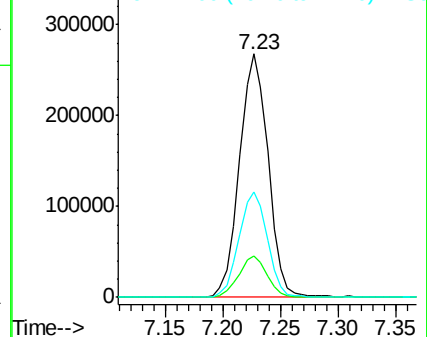
99 100

42 16.9 14.1 21.1

71 43.3 26.1 39.1#



Abundance Ion 99.00 (98.70 to 99.70): BGC  
Ion 42.00 (41.70 to 42.70): BGC  
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 0.044 ng

RT: 7.92 min Scan# 788

Delta R.T. 0.30 min

Lab File: BG035675.D

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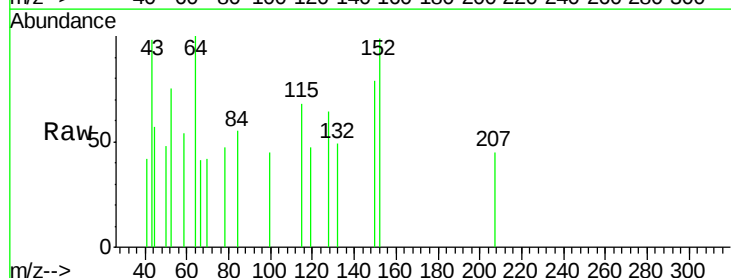
Tgt Ion: 128 Resp: 91

Ion Ratio Lower Upper

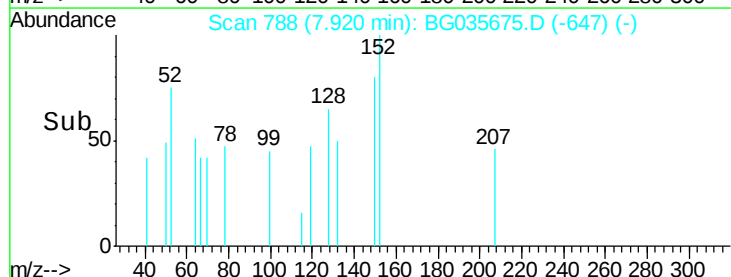
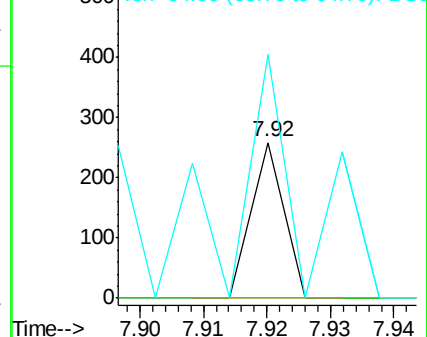
128 100

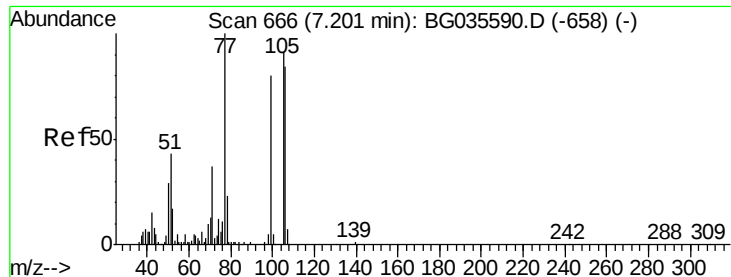
130 0.0 14.0 54.0#

64 156.4 37.7 77.7#



Abundance Ion 128.00 (127.70 to 128.70): BGC  
Ion 130.00 (129.70 to 130.70): BGC  
Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 0.658 ng

RT: 7.23 min Scan# 671

Delta R.T. 0.03 min

Lab File: BG035675.D

Acq: 16 Jul 2018 18:35

Instrument :

BNA\_G

ClientSampleId :

SB-3-A

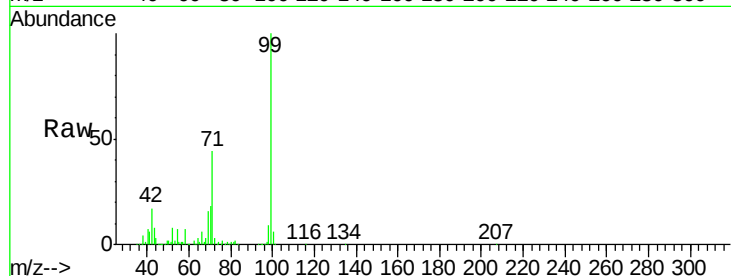
Tgt Ion: 77 Resp: 1231

Ion Ratio Lower Upper

77 100

105 0.0 71.3 111.3#

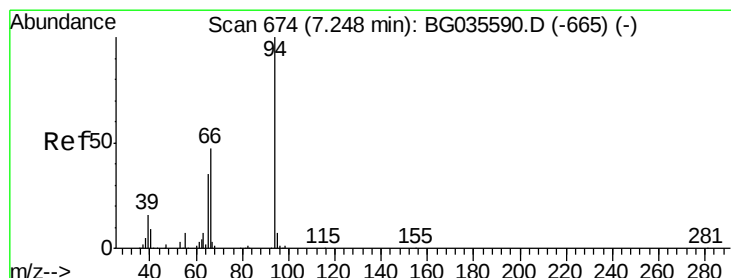
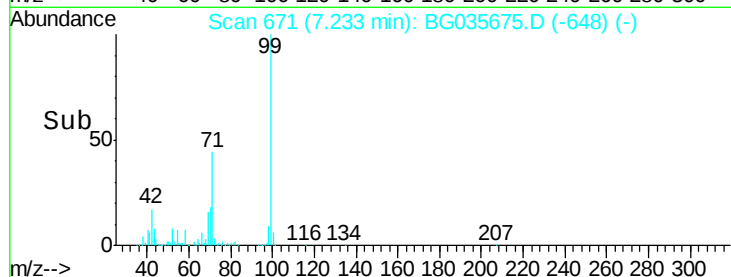
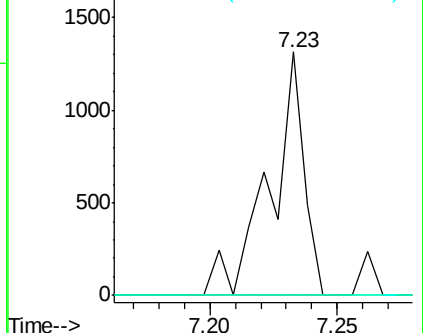
106 0.0 64.2 104.2#



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 1.607 ng

RT: 7.26 min Scan# 675

Delta R.T. 0.01 min

Lab File: BG035675.D

Acq: 16 Jul 2018 18:35

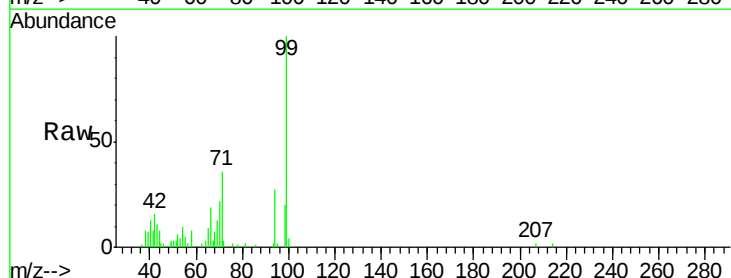
Tgt Ion: 94 Resp: 4949

Ion Ratio Lower Upper

94 100

65 34.8 11.9 51.9

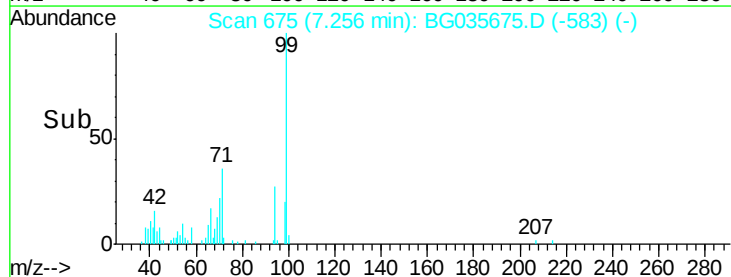
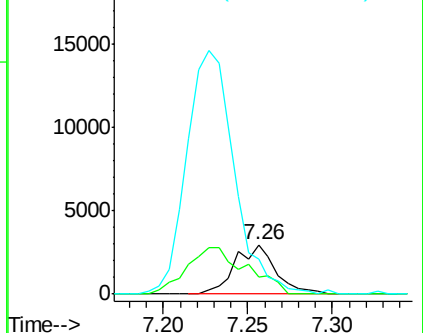
66 70.2 22.2 62.2#

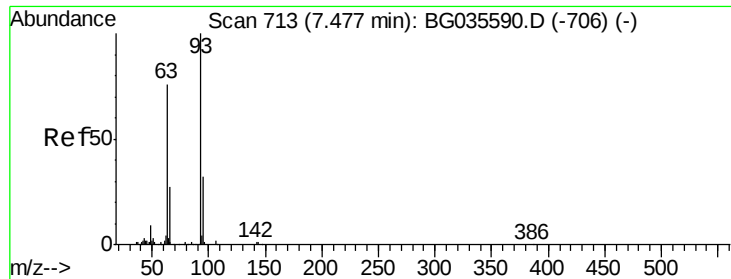


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

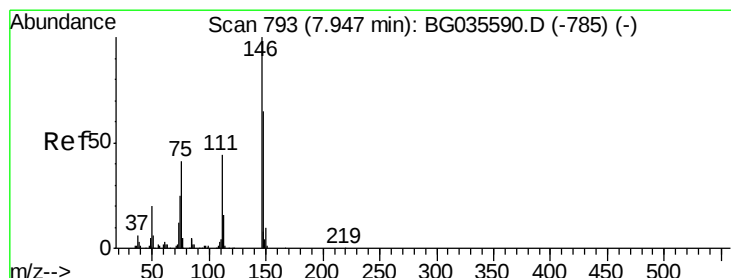
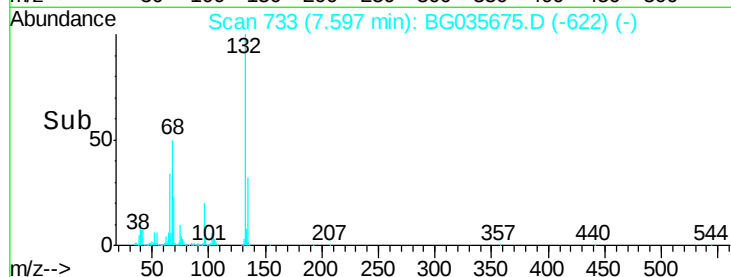
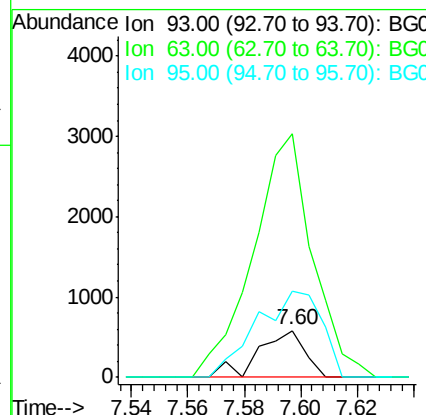
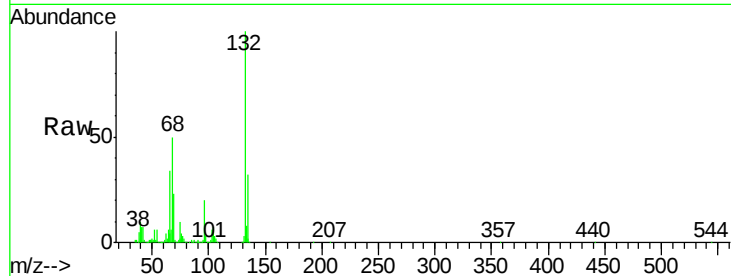




#11  
bis(2-Chloroethyl)ether  
Concen: 0.271 ng  
RT: 7.60 min Scan# 733  
Delta R.T. 0.12 min  
Lab File: BG035675.D  
Acq: 16 Jul 2018 18:35

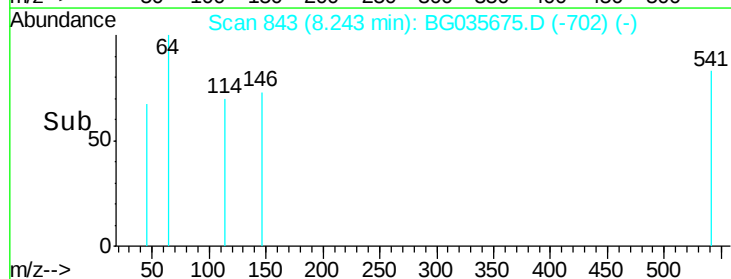
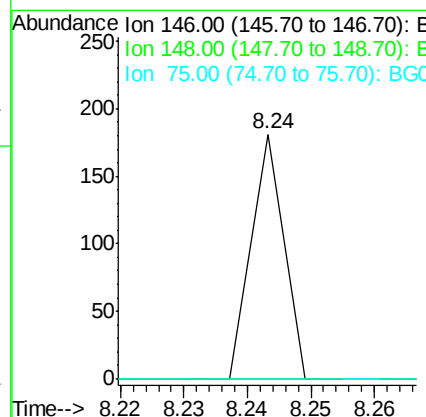
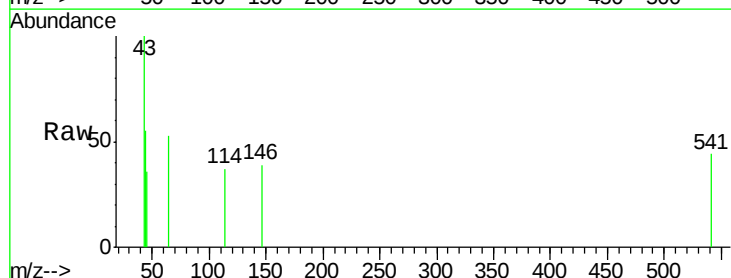
Instrument :  
BNA\_G  
ClientSampleId :  
SB-3-A

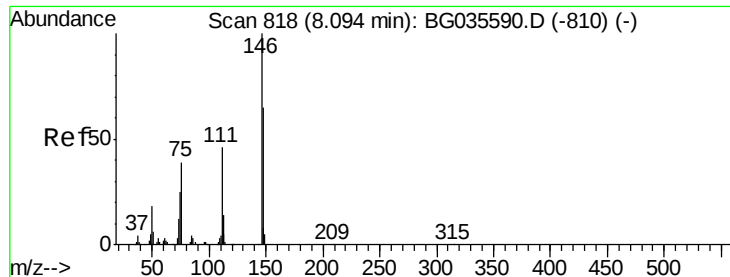
Tgt Ion: 93 Resp: 654  
Ion Ratio Lower Upper  
93 100  
63 518.3 67.1 107.1#  
95 184.6 11.5 51.5#



#12  
1,3-Dichlorobenzene  
Concen: 0.026 ng  
RT: 8.24 min Scan# 843  
Delta R.T. 0.30 min  
Lab File: BG035675.D  
Acq: 16 Jul 2018 18:35

Tgt Ion: 146 Resp: 64  
Ion Ratio Lower Upper  
146 100  
148 0.0 51.4 77.2#  
75 0.0 26.6 39.8#

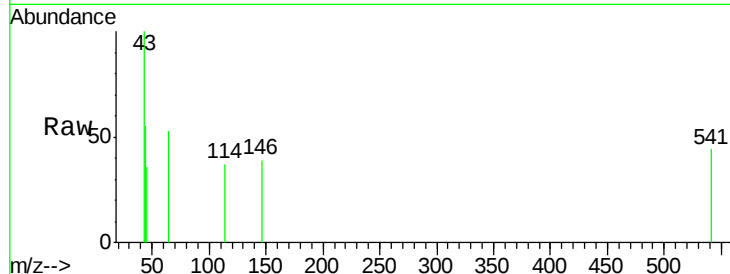




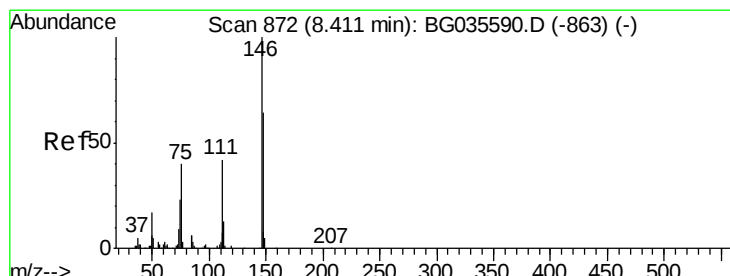
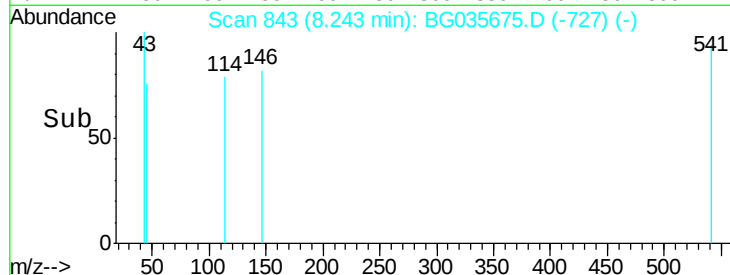
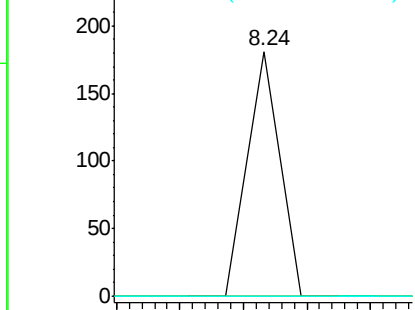
#13  
 1,4-Dichlorobenzene  
 Concen: 0.025 ng  
 RT: 8.24 min Scan# 843  
 Delta R.T. 0.15 min  
 Lab File: BG035675.D  
 Acq: 16 Jul 2018 18:35

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SB-3-A

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 0.0   | 53.7  | 80.5# |
| 111     | 0.0   | 35.2  | 52.8# |

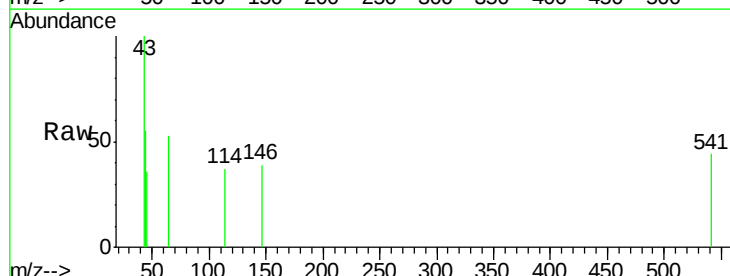


Abundance Ion 146.00 (145.70 to 146.70): E  
 Ion 148.00 (147.70 to 148.70): E  
 Ion 111.00 (110.70 to 111.70): E

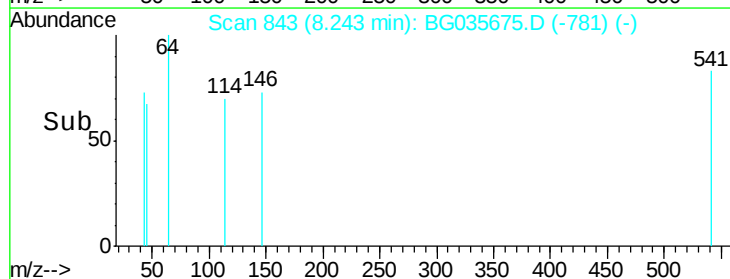
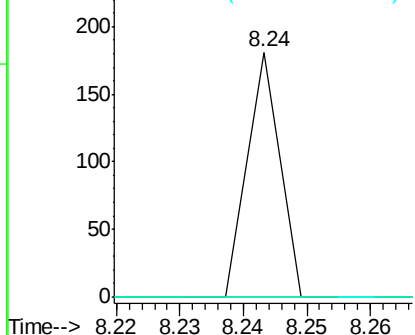


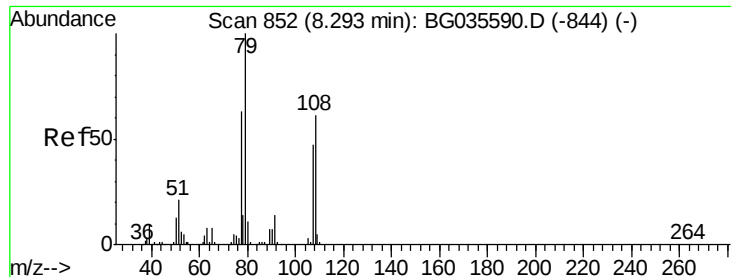
#14  
 1,2-Dichlorobenzene  
 Concen: 0.026 ng  
 RT: 8.24 min Scan# 843  
 Delta R.T. -0.17 min  
 Lab File: BG035675.D  
 Acq: 16 Jul 2018 18:35

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 0.0   | 49.3  | 73.9# |
| 111     | 0.0   | 34.3  | 51.5# |



Abundance Ion 146.00 (145.70 to 146.70): E  
 Ion 148.00 (147.70 to 148.70): E  
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 1.788 ng

RT: 8.38 min Scan# 866

Delta R.T. 0.08 min

Lab File: BG035675.D

Acq: 16 Jul 2018 18:35

Instrument :

BNA\_G

ClientSampleId :

SB-3-A

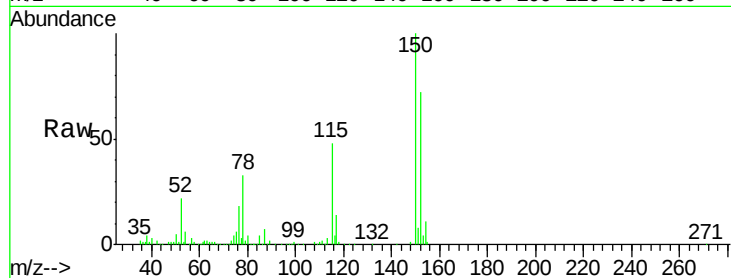
Tgt Ion: 79 Resp: 4947

Ion Ratio Lower Upper

79 100

108 37.2 57.2 85.8#

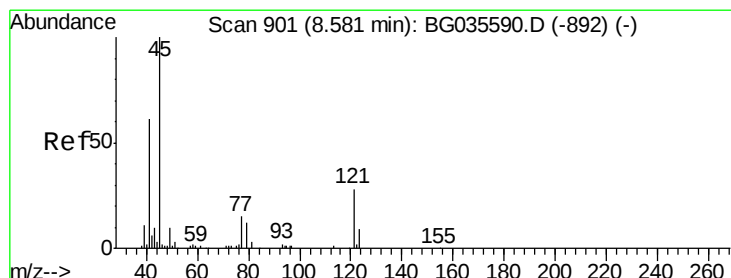
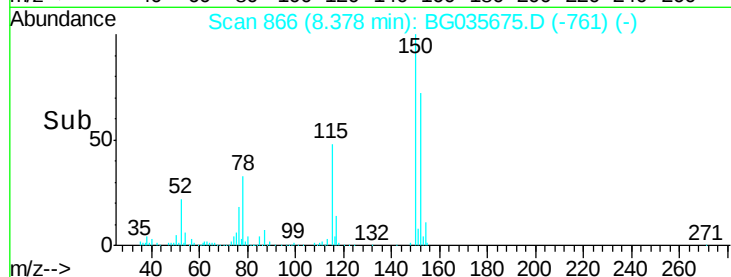
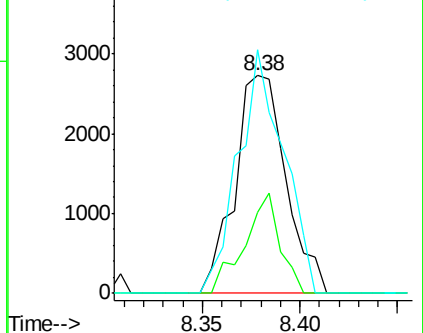
77 112.0 46.1 69.1#



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-Chloropropane)

Concen: 0.031 ng

RT: 8.59 min Scan# 902

Delta R.T. 0.01 min

Lab File: BG035675.D

Acq: 16 Jul 2018 18:35

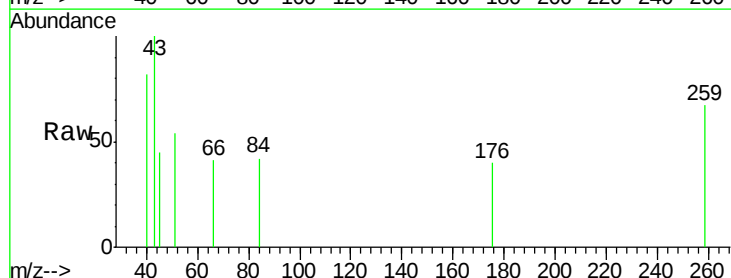
Tgt Ion: 45 Resp: 62

Ion Ratio Lower Upper

45 100

77 0.0 0.0 30.2

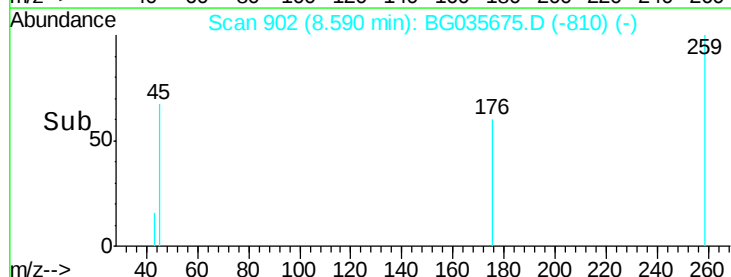
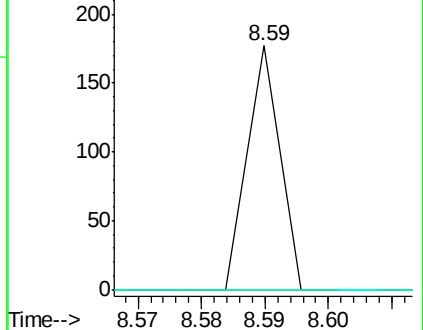
79 0.0 0.0 27.9

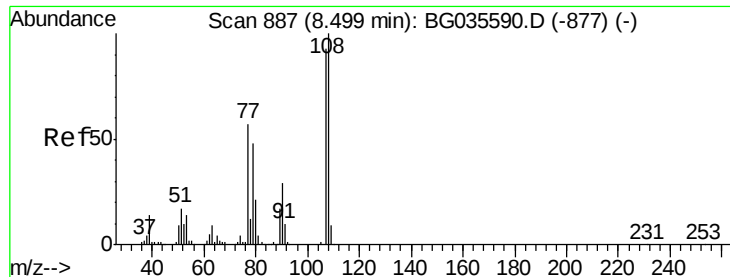


Abundance Ion 45.00 (44.70 to 45.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

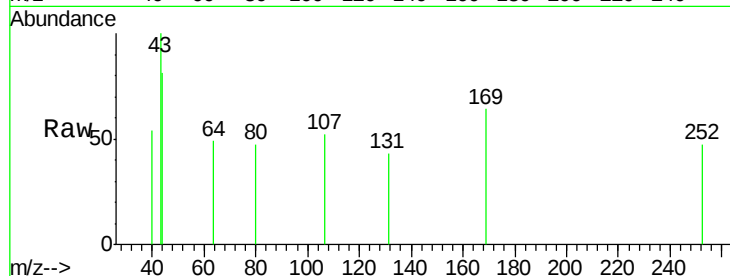




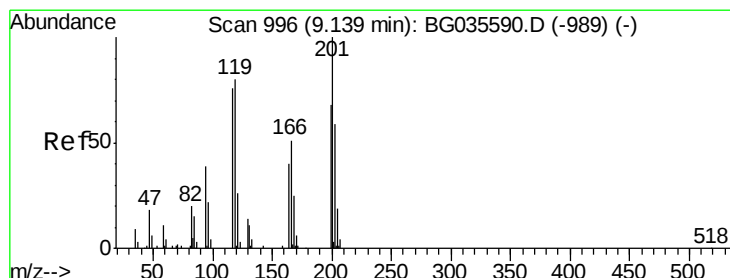
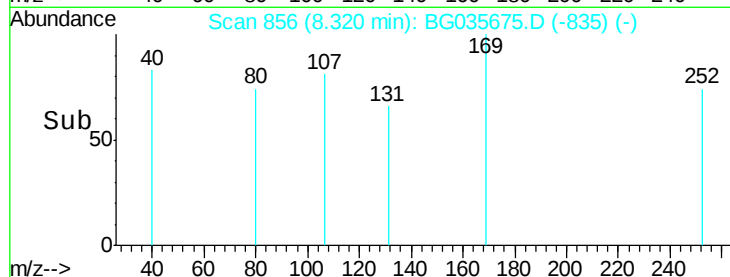
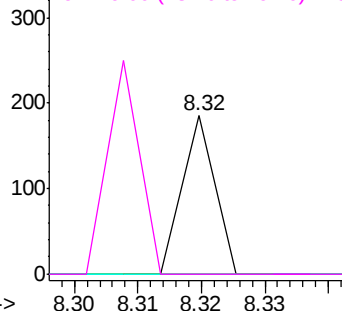
#17  
2-Methylphenol  
Concen: 0.031 ng  
RT: 8.32 min Scan# 856  
Delta R.T. -0.18 min  
Lab File: BG035675.D  
Acq: 16 Jul 2018 18:35

Instrument :  
BNA\_G  
ClientSampleId :  
SB-3-A

| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 107     | 100   |       |        |
| 108     | 0.0   | 83.9  | 125.9# |
| 77      | 0.0   | 37.2  | 55.8#  |
| 79      | 0.0   | 36.2  | 54.2#  |

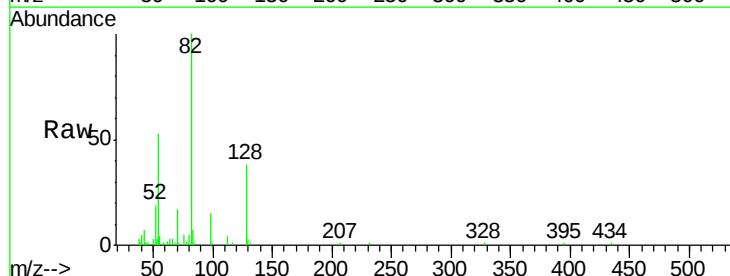


Abundance Ion 107.00 (106.70 to 107.70): E  
Ion 108.00 (107.70 to 108.70): E  
Ion 77.00 (76.70 to 77.70): BG  
Ion 79.00 (78.70 to 79.70): BG

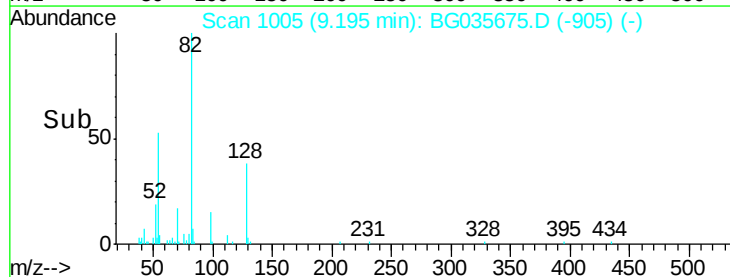
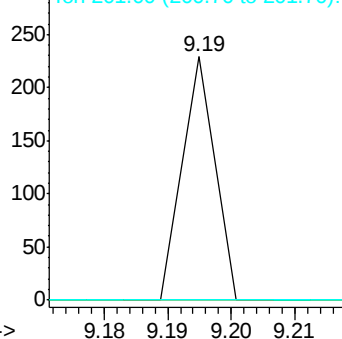


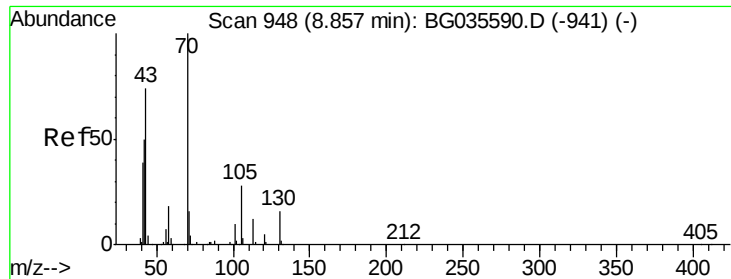
#18  
Hexachloroethane  
Concen: 0.083 ng  
RT: 9.19 min Scan# 1005  
Delta R.T. 0.06 min  
Lab File: BG035675.D  
Acq: 16 Jul 2018 18:35

| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 117     | 100   |       |        |
| 119     | 0.0   | 76.7  | 115.1# |
| 201     | 0.0   | 95.7  | 143.5# |



Abundance Ion 117.00 (116.70 to 117.70): E  
Ion 119.00 (118.70 to 119.70): E  
Ion 201.00 (200.70 to 201.70): E

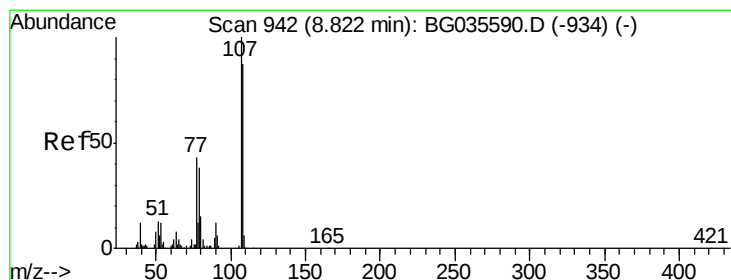
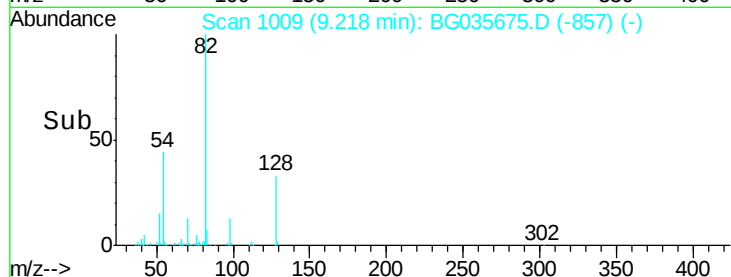
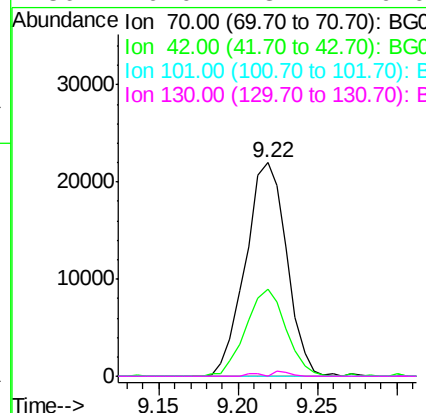
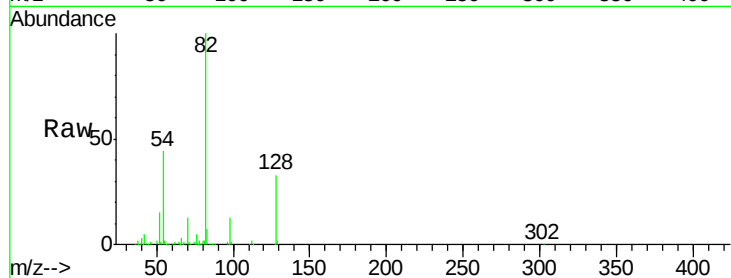




#19  
n-Nitroso-di-n-propylamine  
Concen: 15.456 ng  
RT: 9.22 min Scan# 1009  
Delta R.T. 0.36 min  
Lab File: BG035675.D  
Acq: 16 Jul 2018 18:35

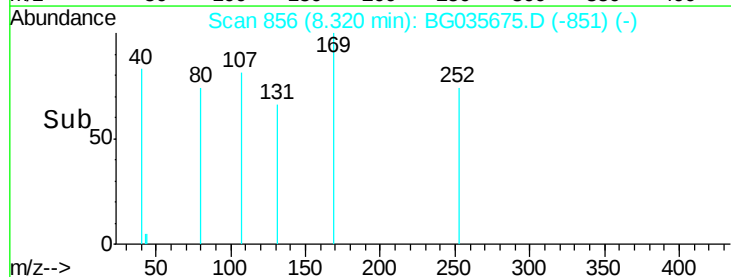
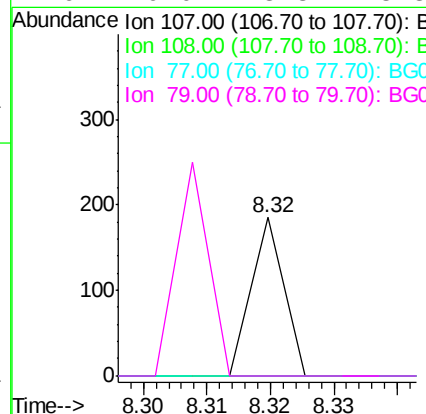
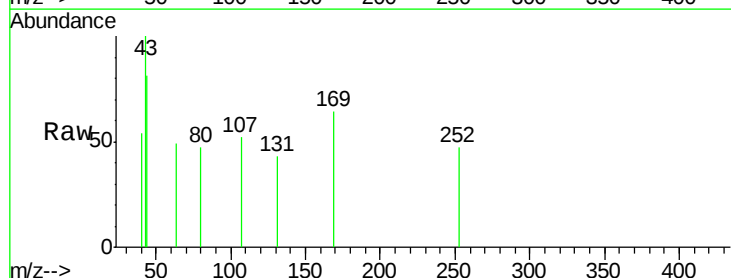
Instrument :  
BNA\_G  
ClientSampleId :  
SB-3-A

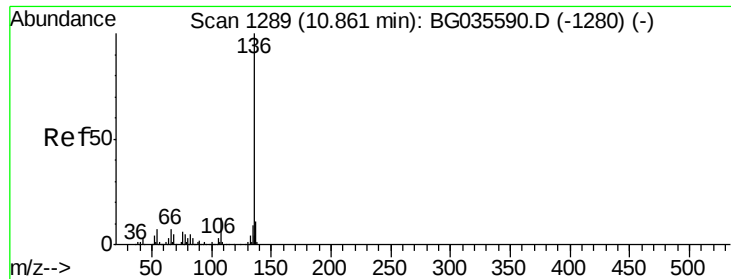
Tgt Ion: 70 Resp: 39662  
Ion Ratio Lower Upper  
70 100  
42 41.0 49.1 73.7#  
101 0.0 8.5 12.7#  
130 0.0 13.4 20.0#



#20  
3+4-Methylphenols  
Concen: 0.022 ng  
RT: 8.32 min Scan# 856  
Delta R.T. -0.50 min  
Lab File: BG035675.D  
Acq: 16 Jul 2018 18:35

Tgt Ion: 107 Resp: 65  
Ion Ratio Lower Upper  
107 100  
108 0.0 61.6 101.6#  
77 0.0 13.9 53.9#  
79 0.0 8.8 48.8#

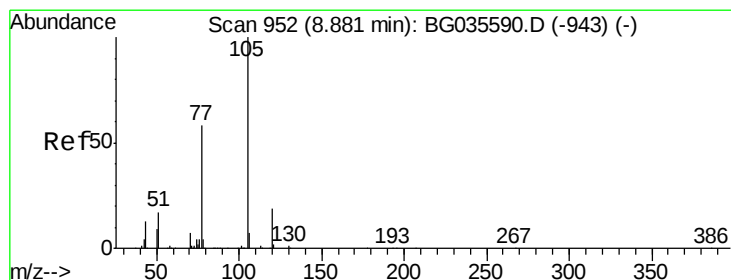
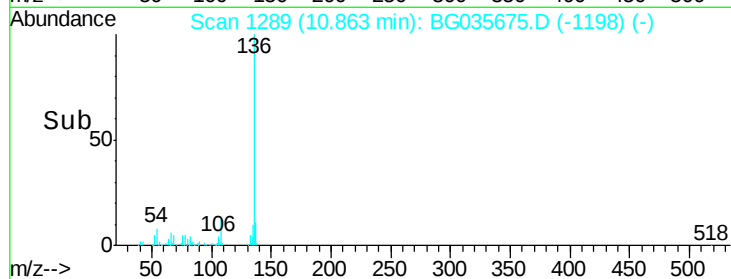
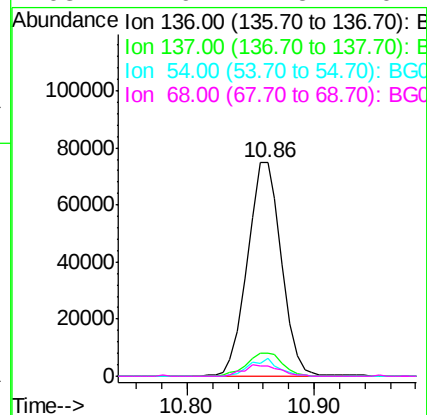
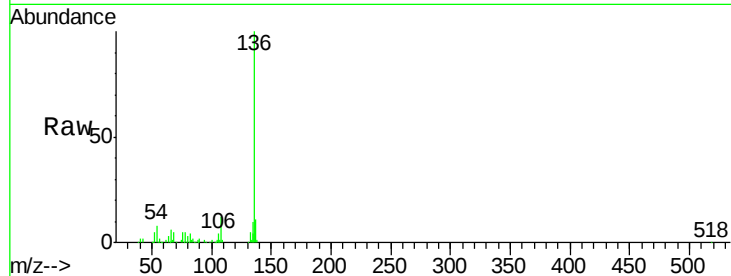




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.86 min Scan# 1289  
Delta R.T. 0.00 min  
Lab File: BG035675.D  
Acq: 16 Jul 2018 18:35

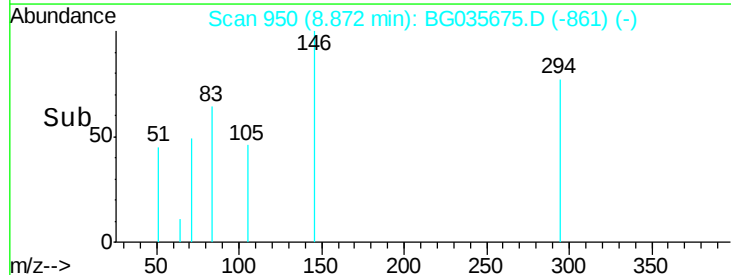
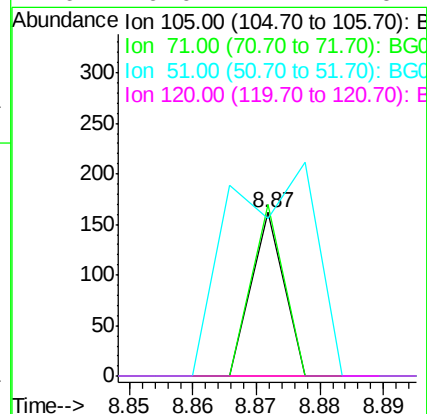
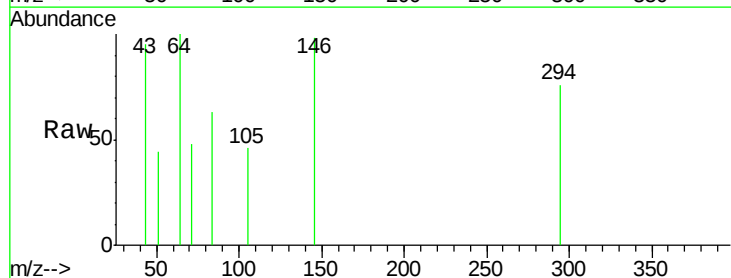
Instrument :  
BNA\_G  
ClientSampleId :  
SB-3-A

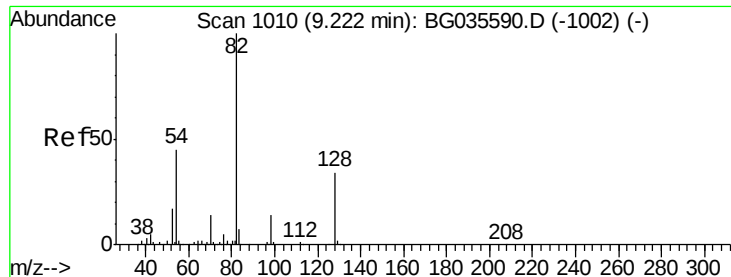
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 136   | Resp: | 139292 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 10.9  | 9.2   | 13.8   |
| 54       | 8.2   | 10.3  | 15.5#  |
| 68       | 4.9   | 4.5   | 6.7    |



#22  
Acetophenone  
Concen: 0.013 ng  
RT: 8.87 min Scan# 950  
Delta R.T. -0.01 min  
Lab File: BG035675.D  
Acq: 16 Jul 2018 18:35

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 105   | Resp: | 57    |
| Ion      | Ratio | Lower | Upper |
| 105      | 100   |       |       |
| 71       | 104.9 | 3.0   | 4.4#  |
| 51       | 96.3  | 26.1  | 39.1# |
| 120      | 0.0   | 17.4  | 26.2# |





#23

Nitrobenzene-d5

Concen: 89.368 ng

RT: 9.22 min Scan# 1009

Delta R.T. -0.00 min

Lab File: BG035675.D

Acq: 16 Jul 2018 18:35

Instrument :

BNA\_G

ClientSampleId :

SB-3-A

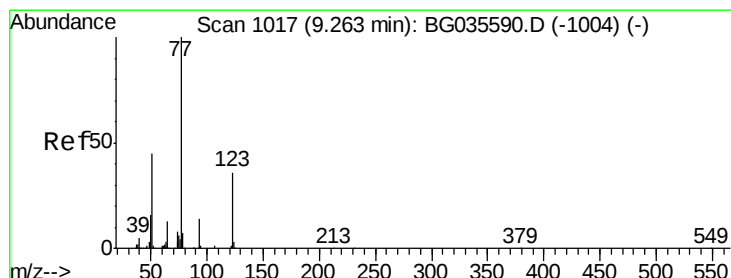
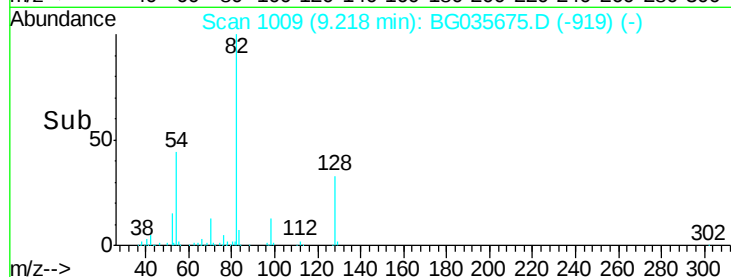
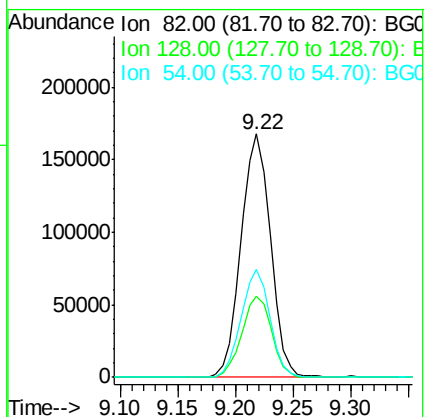
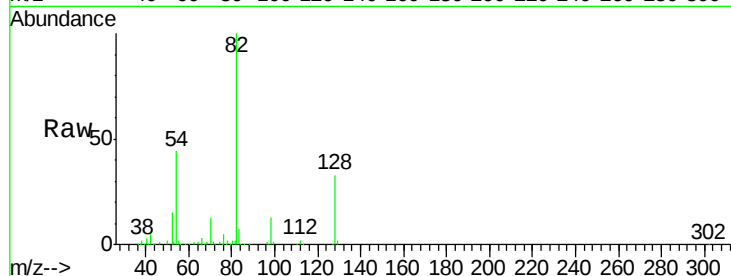
Tgt Ion: 82 Resp: 297984

Ion Ratio Lower Upper

82 100

128 33.2 29.7 44.5

54 44.4 43.1 64.7



#24

Nitrobenzene

Concen: 0.019 ng

RT: 9.27 min Scan# 1017

Delta R.T. 0.00 min

Lab File: BG035675.D

Acq: 16 Jul 2018 18:35

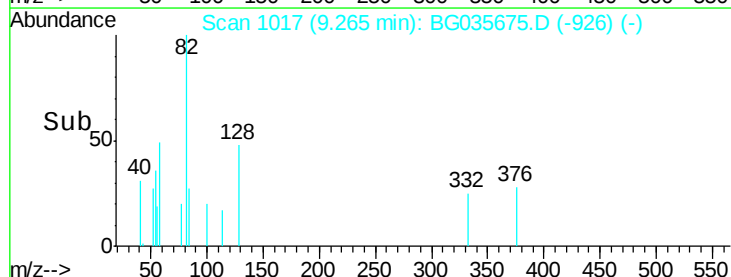
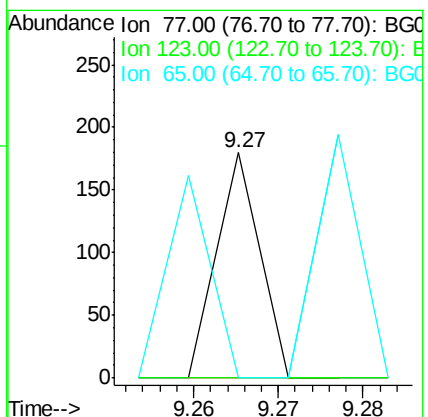
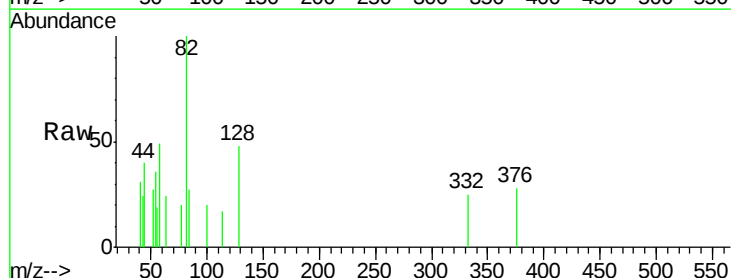
Tgt Ion: 77 Resp: 63

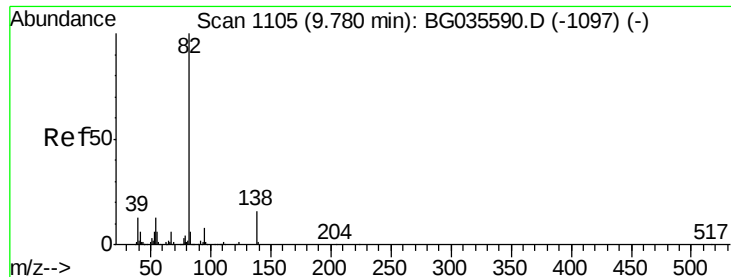
Ion Ratio Lower Upper

77 100

123 0.0 33.0 49.6#

65 0.0 13.0 19.6#

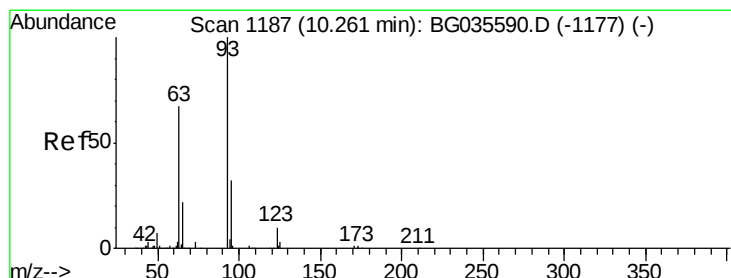
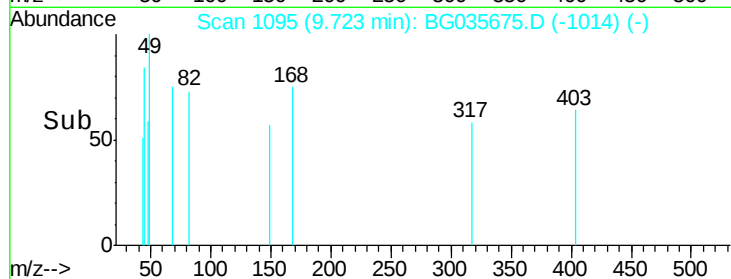
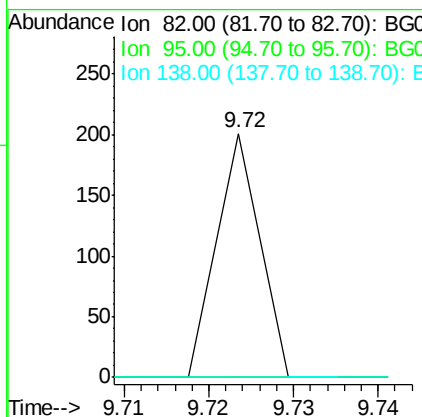
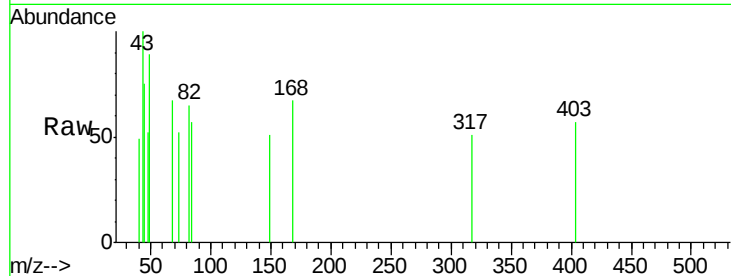




#25  
Isophorone  
Concen: 0.011 ng  
RT: 9.72 min Scan# 1095  
Delta R.T. -0.06 min  
Lab File: BG035675.D  
Acq: 16 Jul 2018 18:35

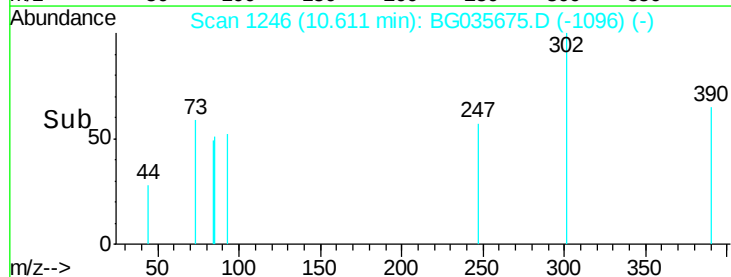
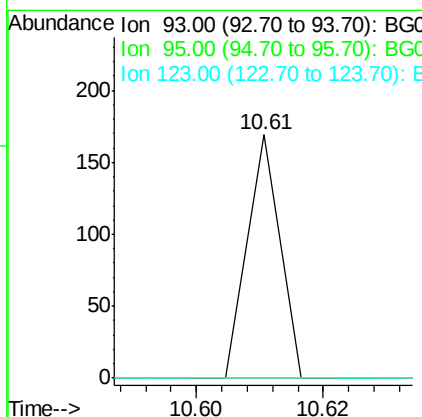
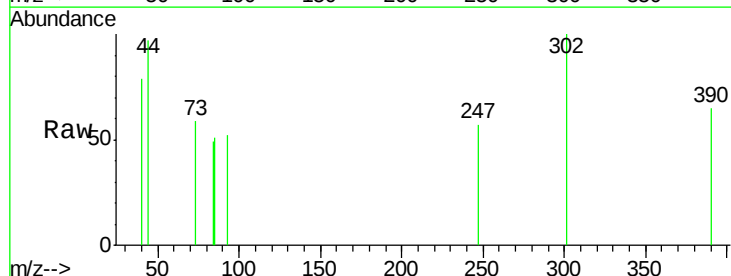
Instrument :  
BNA\_G  
ClientSampleId :  
SB-3-A

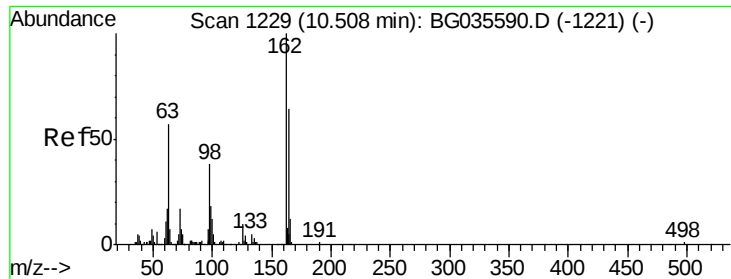
Tgt Ion: 82 Resp: 71  
Ion Ratio Lower Upper  
82 100  
95 0.0 6.2 9.2#  
138 0.0 12.1 18.1#



#28  
bis(2-Chloroethoxy)methane  
Concen: 0.018 ng  
RT: 10.61 min Scan# 1246  
Delta R.T. 0.35 min  
Lab File: BG035675.D  
Acq: 16 Jul 2018 18:35

Tgt Ion: 93 Resp: 60  
Ion Ratio Lower Upper  
93 100  
95 0.0 24.3 36.5#  
123 0.0 8.4 12.6#





#29

2,4-Dichlorophenol

Concen: 0.036 ng

RT: 10.62 min Scan# 1248

Delta R.T. 0.11 min

Lab File: BG035675.D

Acq: 16 Jul 2018 18:35

Instrument :

BNA\_G

ClientSampleId :

SB-3-A

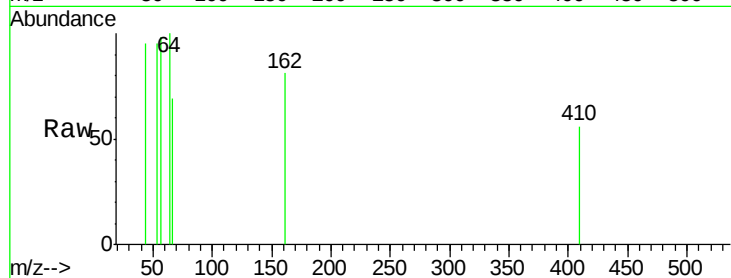
Tgt Ion:162 Resp: 82

Ion Ratio Lower Upper

162 100

164 0.0 48.0 88.0#

98 0.0 21.1 61.1#

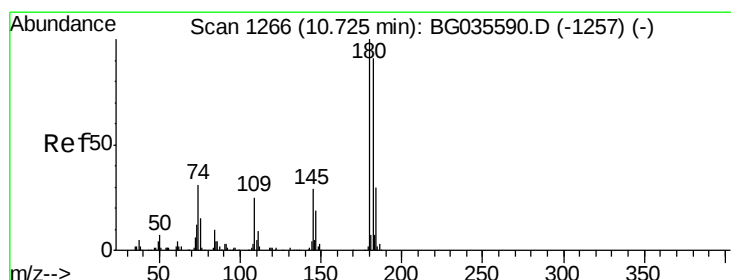
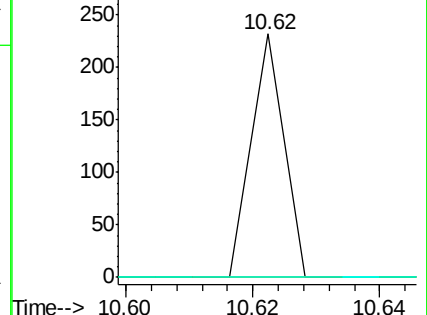
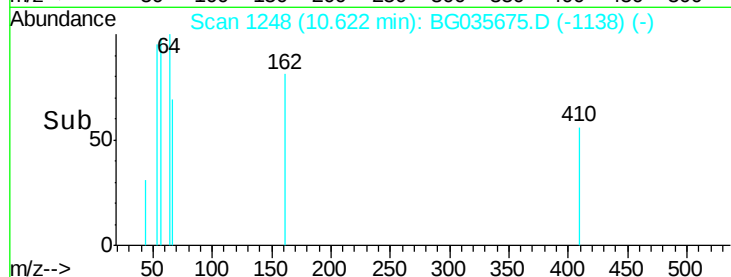


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B

Time--> 10.60 10.62 10.64



#30

1,2,4-Trichlorobenzene

Concen: 0.019 ng

RT: 10.90 min Scan# 1295

Delta R.T. 0.17 min

Lab File: BG035675.D

Acq: 16 Jul 2018 18:35

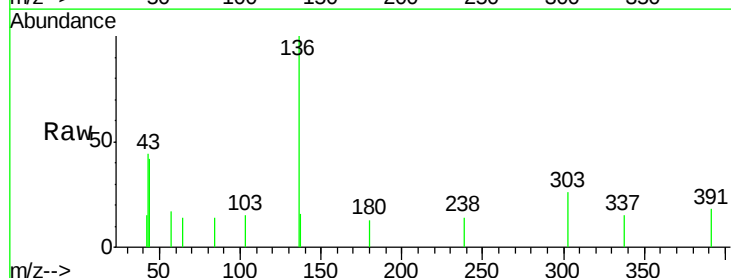
Tgt Ion:180 Resp: 53

Ion Ratio Lower Upper

180 100

182 0.0 77.5 116.3#

145 0.0 23.4 35.2#

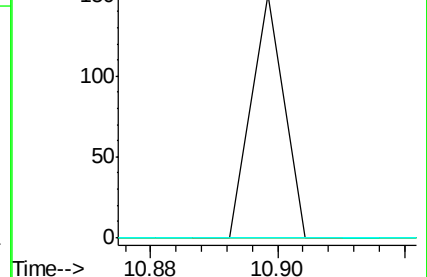
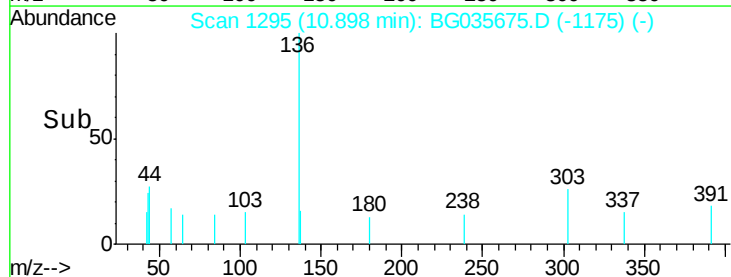


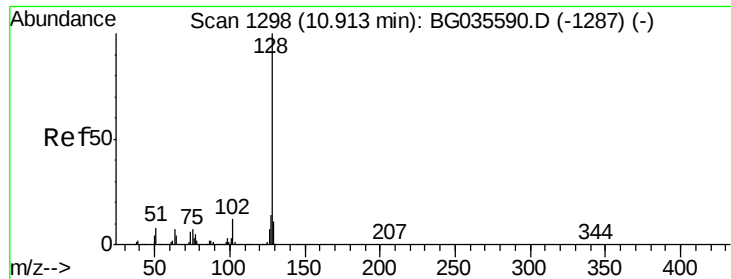
Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

Time--> 10.88 10.90





#31

Naphthalene

Concen: 0.010 ng

RT: 11.03 min Scan# 1318

Delta R.T. 0.12 min

Lab File: BG035675.D

Acq: 16 Jul 2018 18:35

Instrument :

BNA\_G

ClientSampleId :

SB-3-A

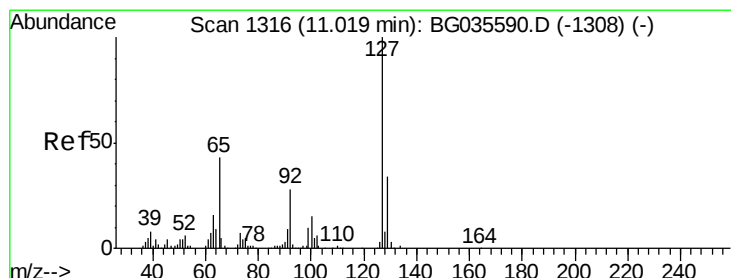
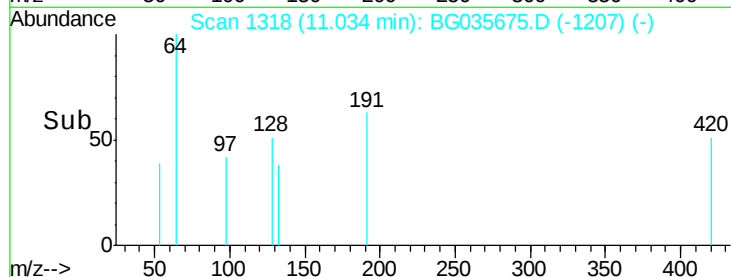
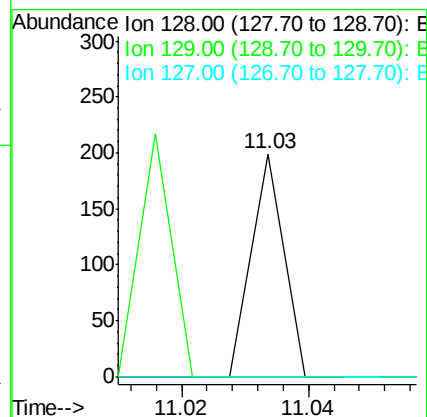
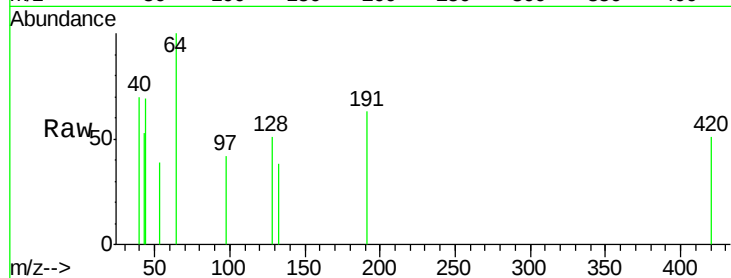
Tgt Ion:128 Resp: 70

Ion Ratio Lower Upper

128 100

129 0.0 8.6 12.8#

127 0.0 11.6 17.4#



#33

4-Chloroaniline

Concen: 0.061 ng

RT: 11.18 min Scan# 1343

Delta R.T. 0.16 min

Lab File: BG035675.D

Acq: 16 Jul 2018 18:35

Tgt Ion:127 Resp: 194

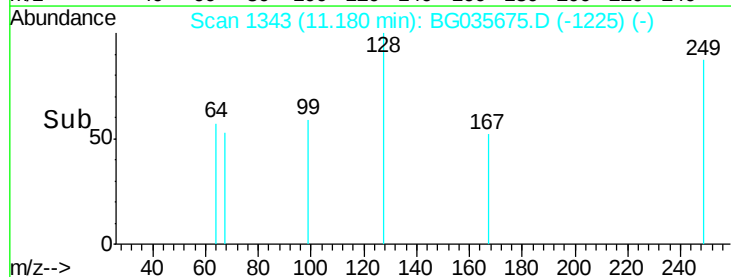
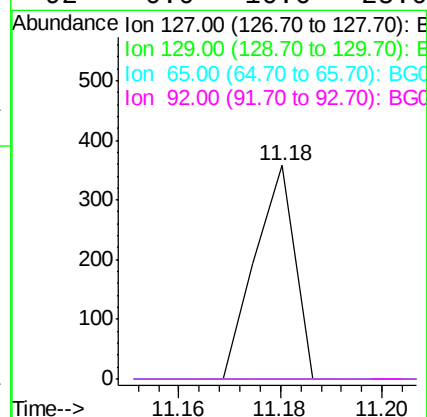
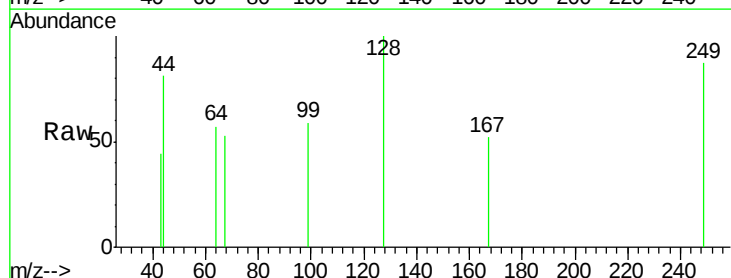
Ion Ratio Lower Upper

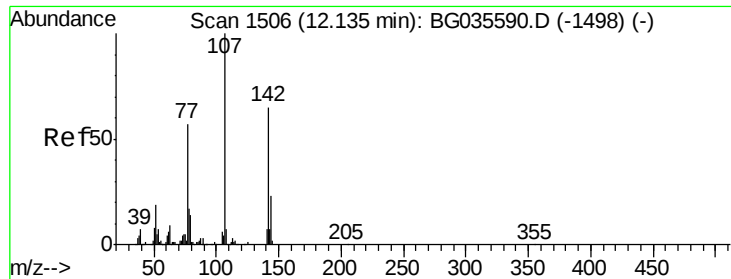
127 100

129 0.0 24.0 36.0#

65 0.0 27.0 40.4#

92 0.0 16.6 25.0#

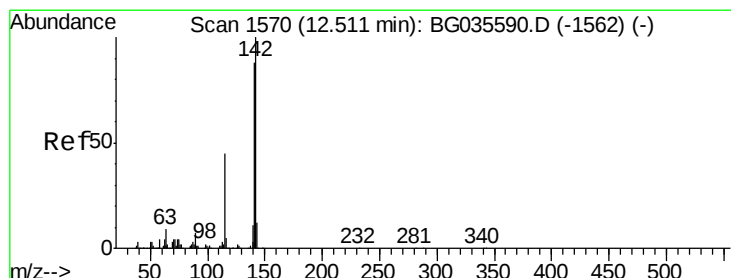
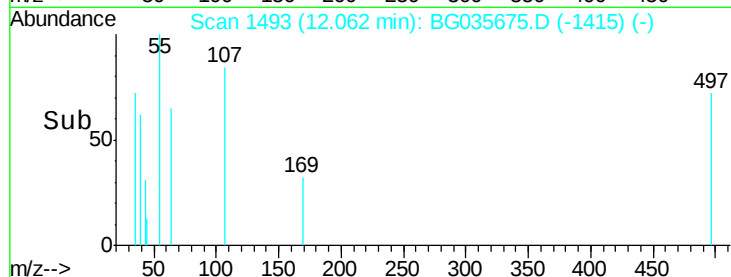
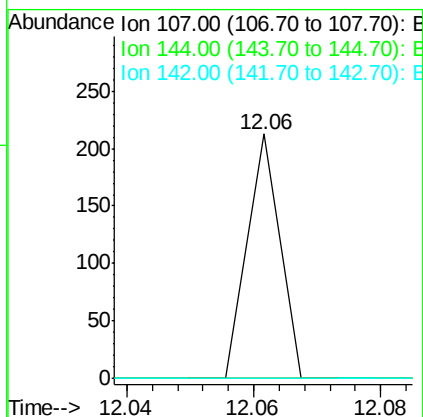
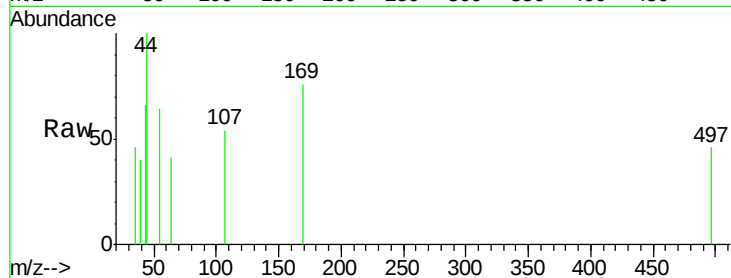




#36  
 4-Chloro-3-methylphenol  
 Concen: 0.024 ng  
 RT: 12.06 min Scan# 1493  
 Delta R.T. -0.07 min  
 Lab File: BG035675.D  
 Acq: 16 Jul 2018 18:35

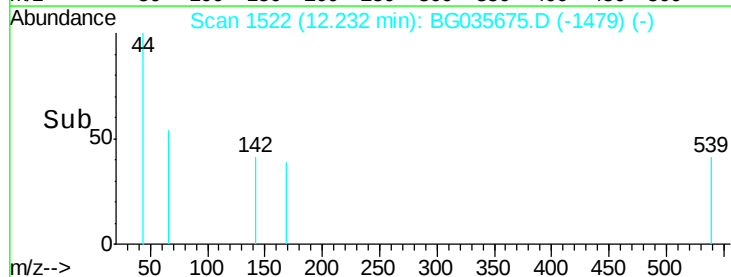
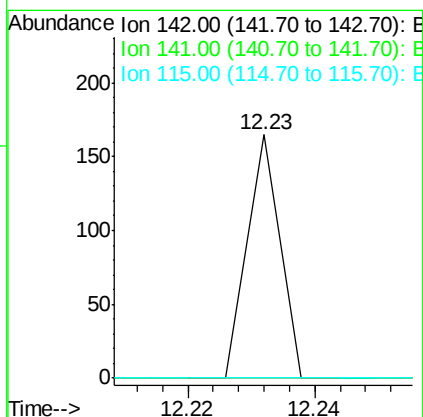
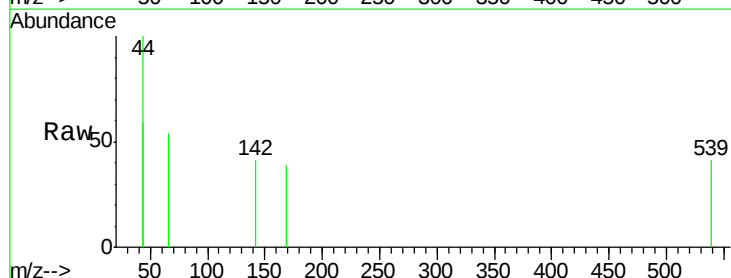
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SB-3-A

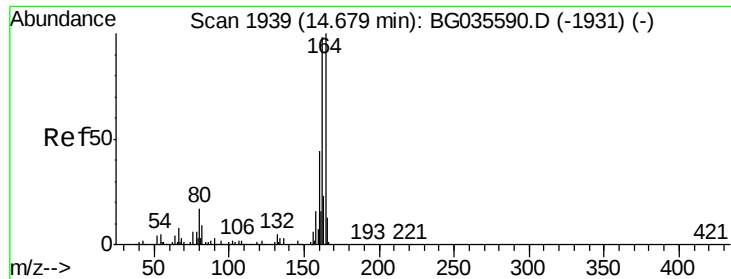
Tgt Ion:107 Resp: 75  
 Ion Ratio Lower Upper  
 107 100  
 144 0.0 18.2 27.4#  
 142 0.0 59.0 88.4#



#37  
 2-Methylnaphthalene  
 Concen: 0.011 ng  
 RT: 12.23 min Scan# 1522  
 Delta R.T. -0.28 min  
 Lab File: BG035675.D  
 Acq: 16 Jul 2018 18:35

Tgt Ion:142 Resp: 58  
 Ion Ratio Lower Upper  
 142 100  
 141 0.0 67.1 100.7#  
 115 0.0 30.7 46.1#





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.68 min Scan# 1938

Delta R.T. -0.00 min

Lab File: BG035675.D

Acq: 16 Jul 2018 18:35

Instrument :

BNA\_G

ClientSampleId :

SB-3-A

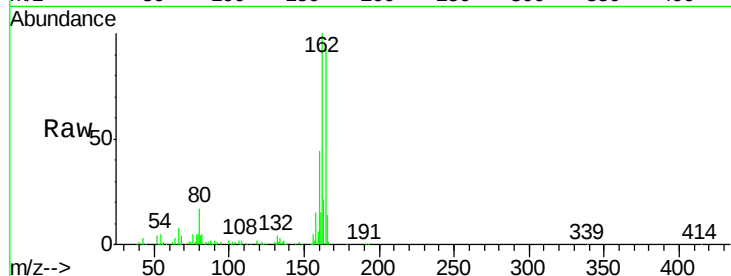
Tgt Ion:164 Resp: 108048

Ion Ratio Lower Upper

164 100

162 109.3 78.8 118.2

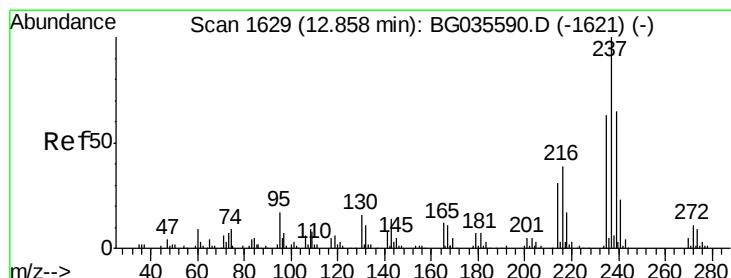
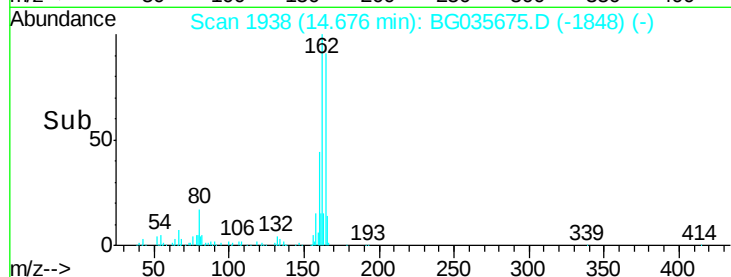
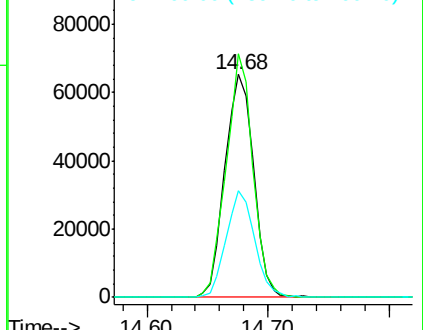
160 47.7 35.4 53.0



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

Hexachlorocyclopentadiene

Concen: 0.036 ng

RT: 12.90 min Scan# 1636

Delta R.T. 0.04 min

Lab File: BG035675.D

Acq: 16 Jul 2018 18:35

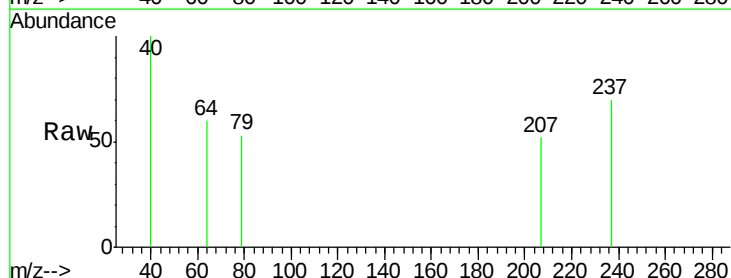
Tgt Ion:237 Resp: 76

Ion Ratio Lower Upper

237 100

235 0.0 50.4 90.4#

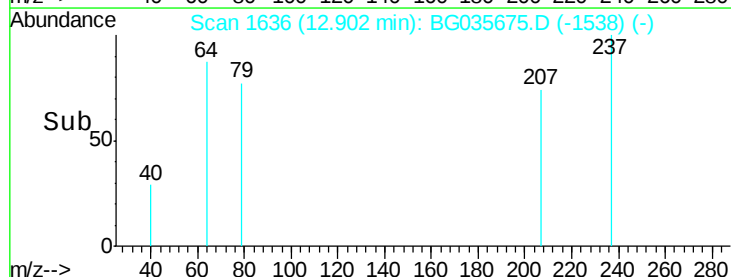
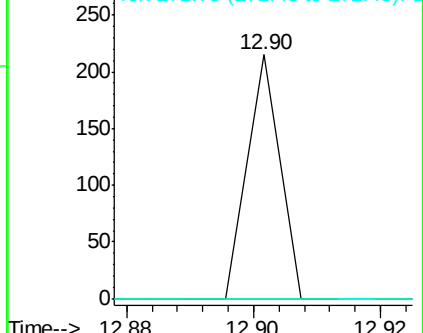
272 0.0 0.0 31.8

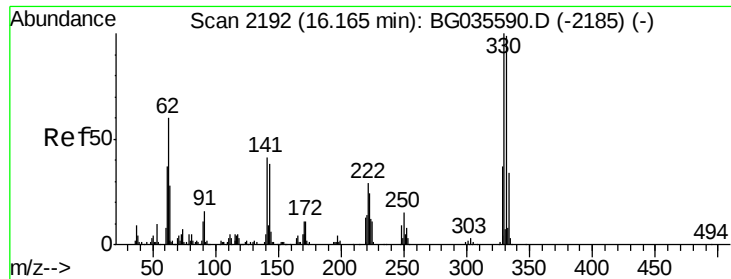


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 145.842 ng

RT: 16.17 min Scan# 2192

Delta R.T. 0.00 min

Lab File: BG035675.D

Acq: 16 Jul 2018 18:35

Instrument :

BNA\_G

ClientSampleId :

SB-3-A

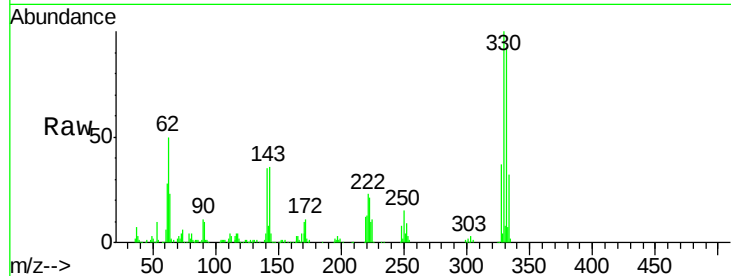
Tgt Ion:330 Resp: 207700

Ion Ratio Lower Upper

330 100

332 95.4 77.0 115.6

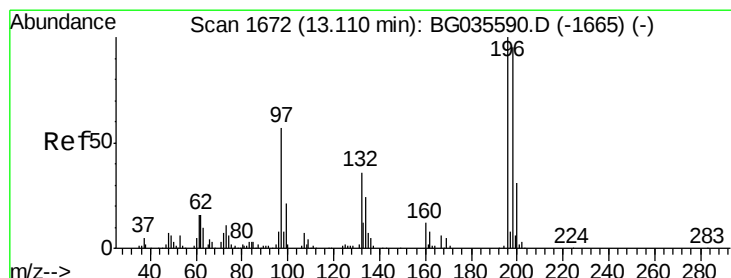
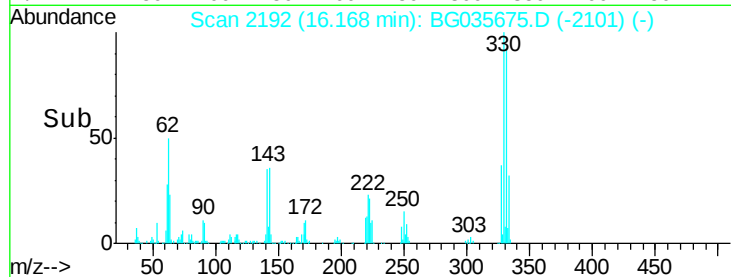
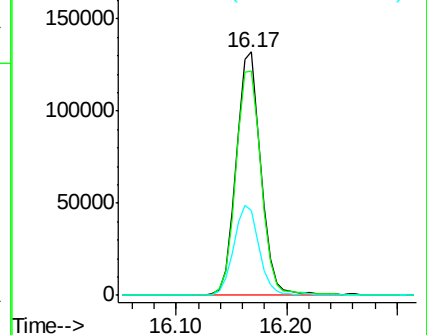
141 38.3 25.2 37.8#



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42

2,4,6-Trichlorophenol

Concen: 0.036 ng

RT: 13.37 min Scan# 1715

Delta R.T. 0.26 min

Lab File: BG035675.D

Acq: 16 Jul 2018 18:35

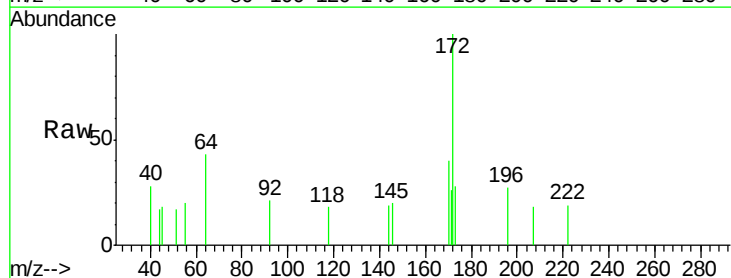
Tgt Ion:196 Resp: 86

Ion Ratio Lower Upper

196 100

198 0.0 78.2 117.2#

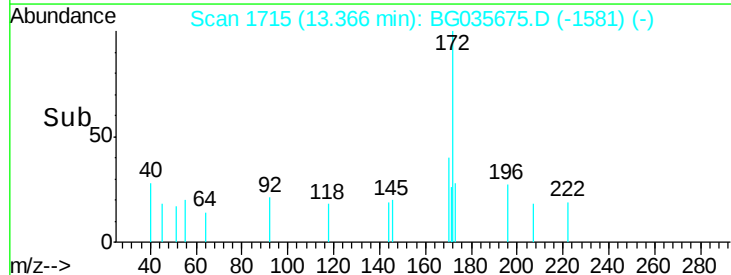
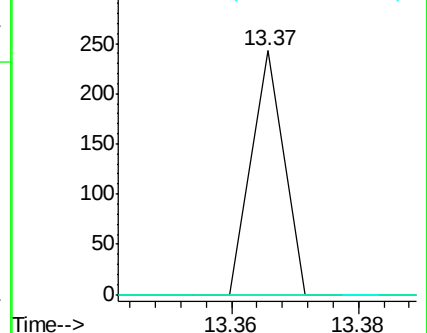
200 0.0 24.6 36.8#

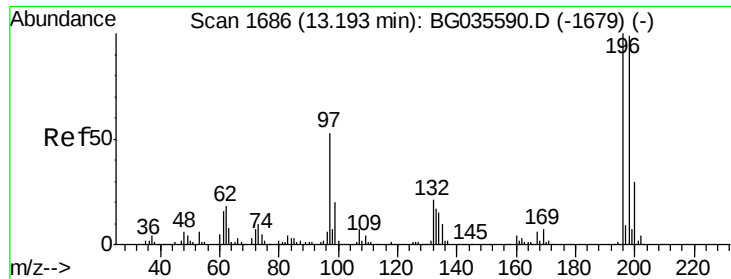


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

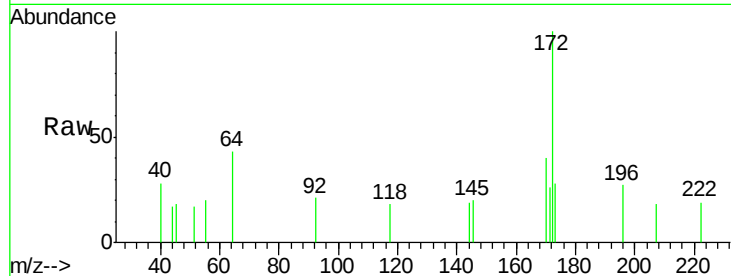




#43  
 2,4,5-Trichlorophenol  
 Concen: 0.032 ng  
 RT: 13.37 min Scan# 1715  
 Delta R.T. 0.17 min  
 Lab File: BG035675.D  
 Acq: 16 Jul 2018 18:35

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SB-3-A

| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 196     | 100   |       |        |
| 198     | 0.0   | 76.2  | 114.4# |
| 97      | 0.0   | 38.7  | 58.1#  |
| 132     | 0.0   | 20.2  | 30.2#  |



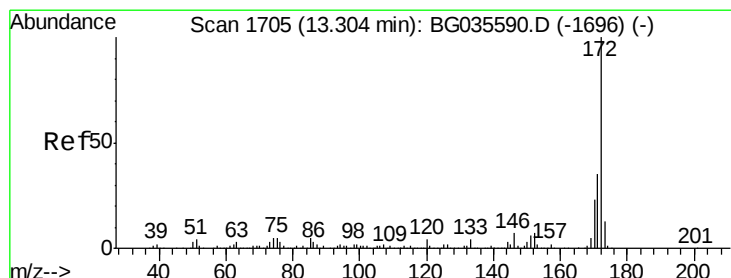
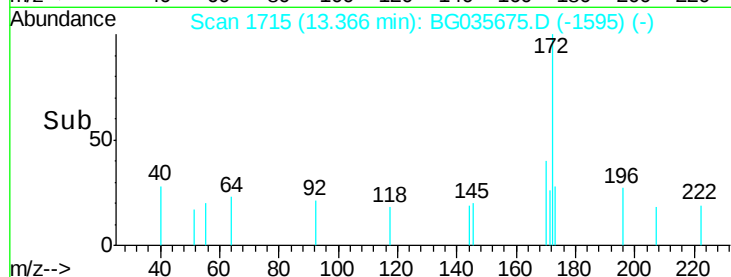
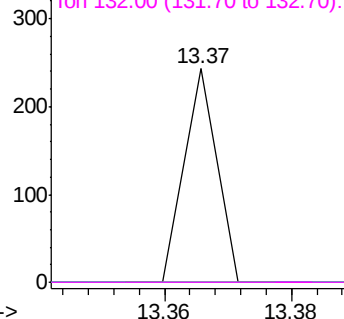
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

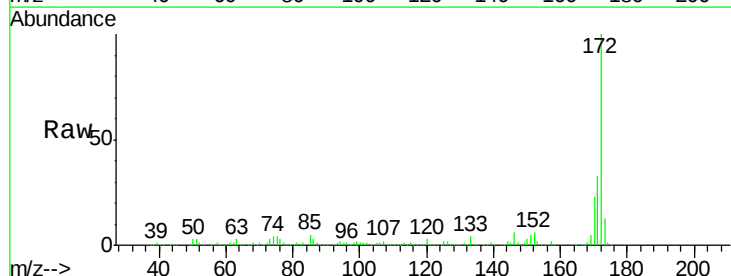
Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



#44  
 2-Fluorobiphenyl  
 Concen: 84.973 ng  
 RT: 13.30 min Scan# 1704  
 Delta R.T. -0.00 min  
 Lab File: BG035675.D  
 Acq: 16 Jul 2018 18:35

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 33.3  | 30.0  | 45.0  |
| 170     | 22.8  | 19.5  | 29.3  |

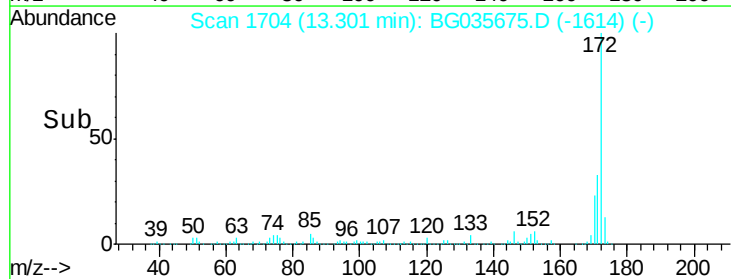
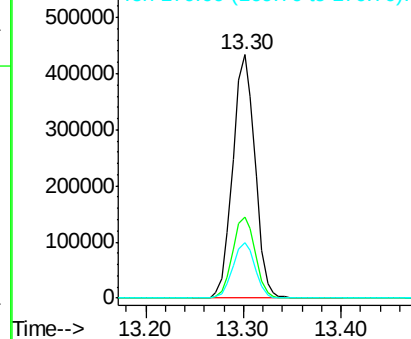


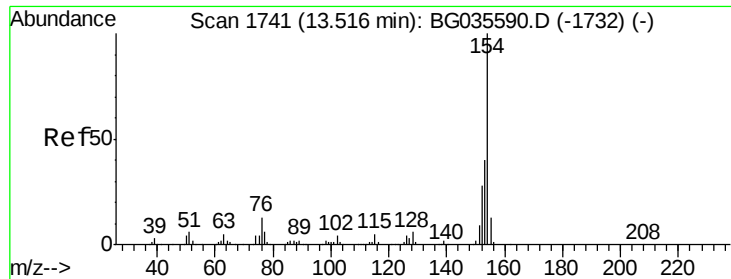
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

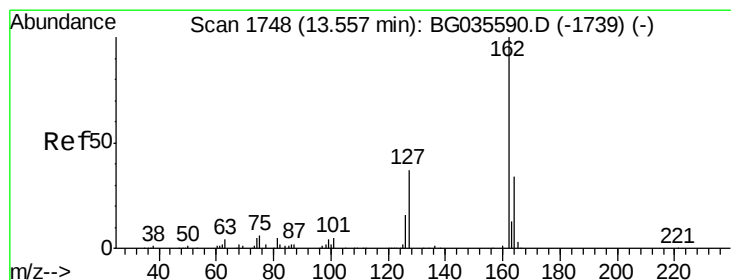
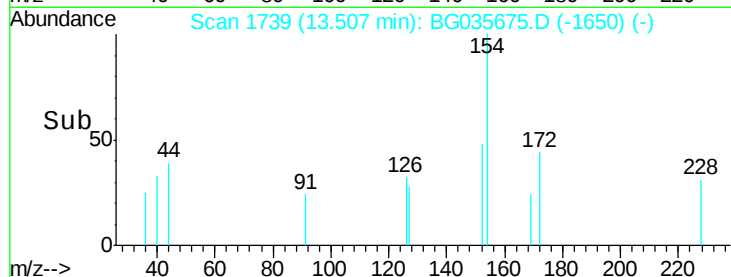
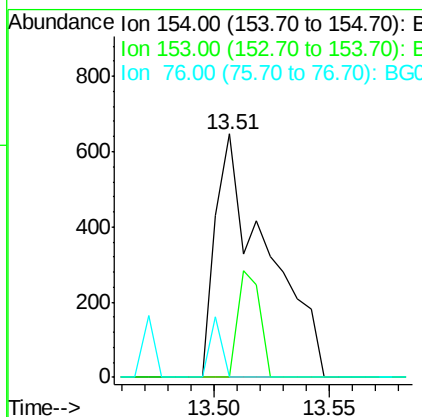
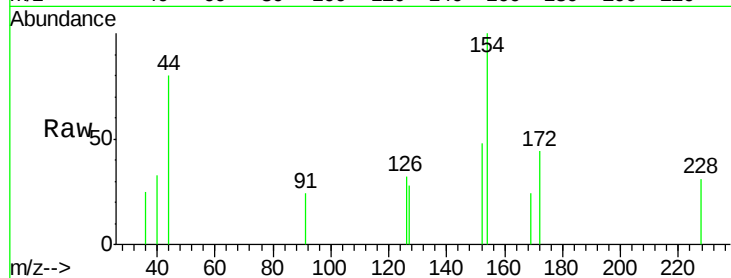




#45  
 1,1'-Biphenyl  
 Concen: 0.119 ng  
 RT: 13.51 min Scan# 1739  
 Delta R.T. -0.01 min  
 Lab File: BG035675.D  
 Acq: 16 Jul 2018 18:35

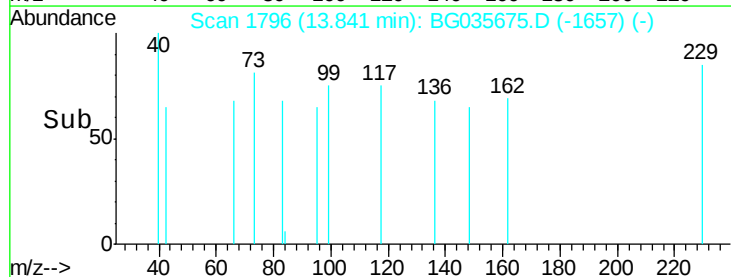
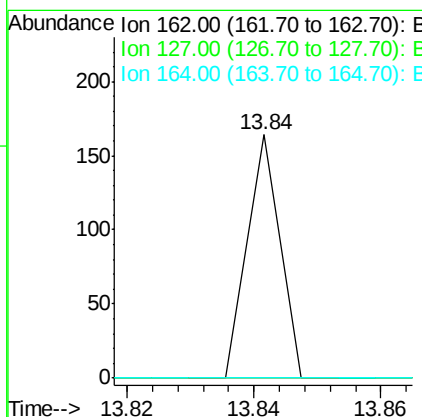
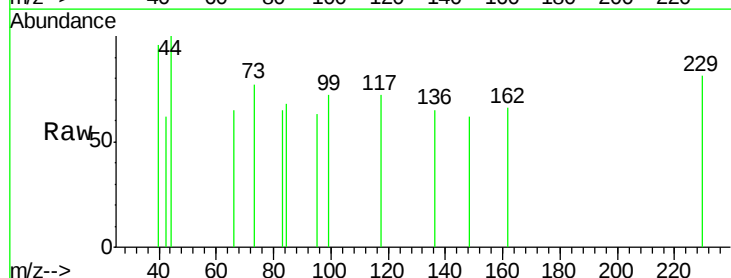
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SB-3-A

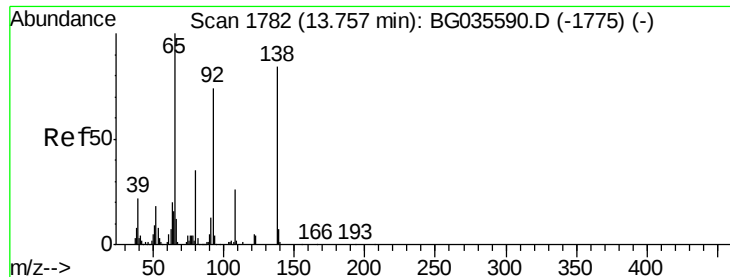
Tgt Ion:154 Resp: 993  
 Ion Ratio Lower Upper  
 154 100  
 153 0.0 19.8 59.8#  
 76 0.0 0.0 31.9



#46  
 2-Chloronaphthalene  
 Concen: 0.009 ng  
 RT: 13.84 min Scan# 1796  
 Delta R.T. 0.28 min  
 Lab File: BG035675.D  
 Acq: 16 Jul 2018 18:35

Tgt Ion:162 Resp: 58  
 Ion Ratio Lower Upper  
 162 100  
 127 0.0 30.7 46.1#  
 164 0.0 26.0 39.0#





#47

2-Nitroaniline

Concen: 0.028 ng

RT: 13.73 min Scan# 1777

Delta R.T. -0.03 min

Lab File: BG035675.D

Acq: 16 Jul 2018 18:35

Instrument :

BNA\_G

ClientSampleId :

SB-3-A

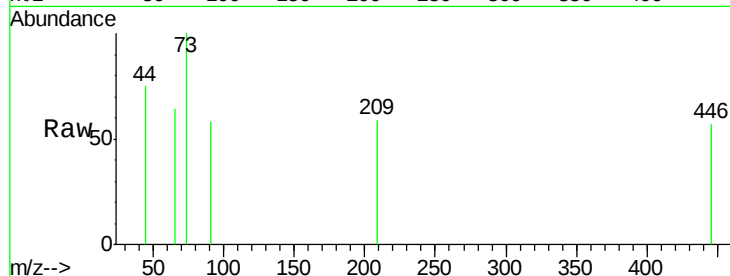
Tgt Ion: 65 Resp: 64

Ion Ratio Lower Upper

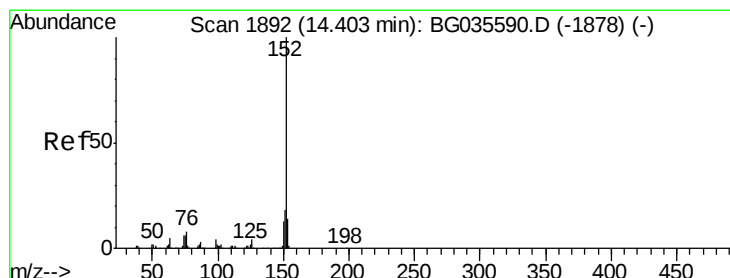
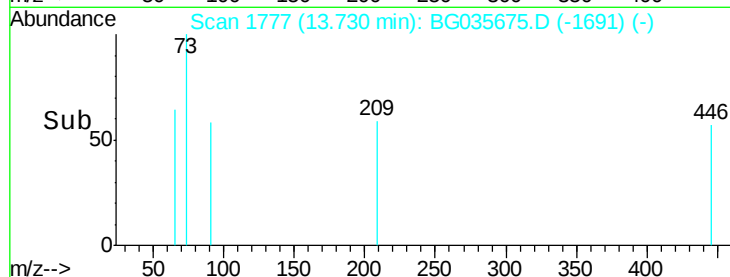
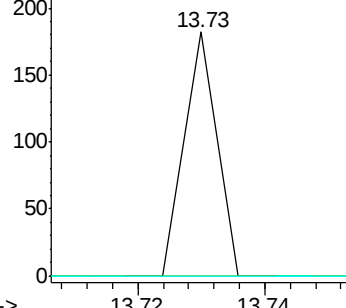
65 100

92 0.0 54.6 82.0#

138 0.0 72.9 109.3#



Abundance Ion 65.00 (64.70 to 65.70): BGC  
Ion 92.00 (91.70 to 92.70): BGC  
Ion 138.00 (137.70 to 138.70): BGC



#48

Acenaphthylene

Concen: 0.005 ng

RT: 14.39 min Scan# 1890

Delta R.T. -0.01 min

Lab File: BG035675.D

Acq: 16 Jul 2018 18:35

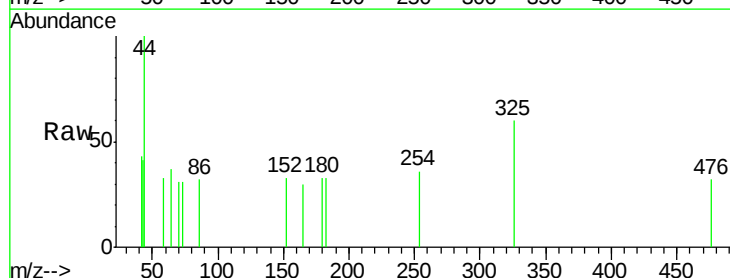
Tgt Ion: 152 Resp: 57

Ion Ratio Lower Upper

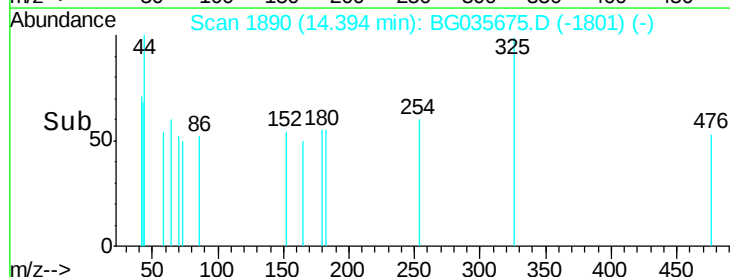
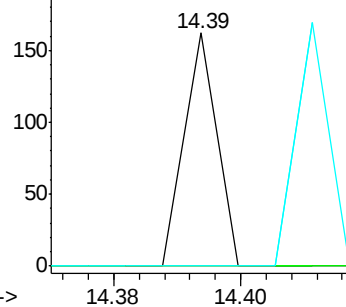
152 100

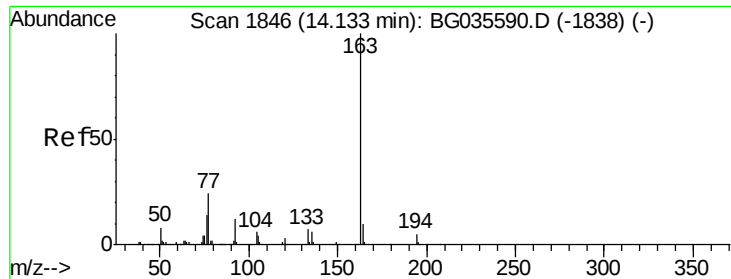
151 0.0 17.2 25.8#

153 0.0 10.2 15.4#



Abundance Ion 152.00 (151.70 to 152.70): BGC  
Ion 151.00 (150.70 to 151.70): BGC  
Ion 153.00 (152.70 to 153.70): BGC





#49

Dimethylphthalate

Concen: 13.224 ng

RT: 14.12 min Scan# 1844

Delta R.T. -0.01 min

Lab File: BG035675.D

Acq: 16 Jul 2018 18:35

Instrument :

BNA\_G

ClientSampleId :

SB-3-A

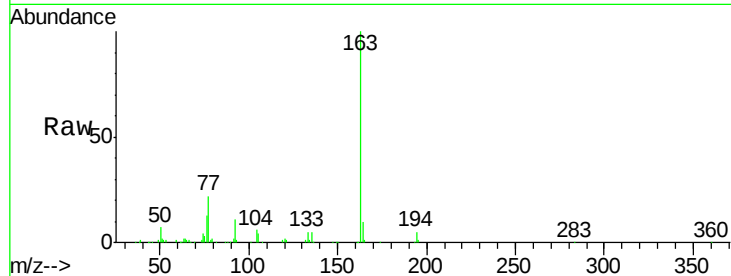
Tgt Ion:163 Resp: 125186

Ion Ratio Lower Upper

163 100

194 4.7 3.4 5.2

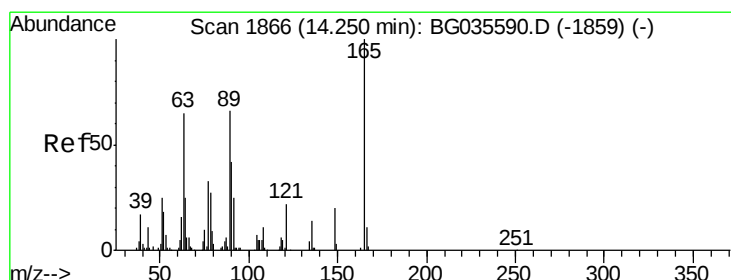
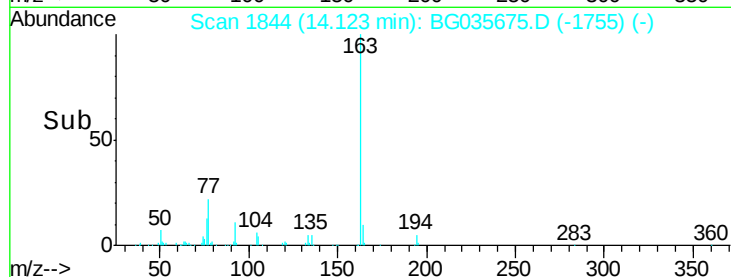
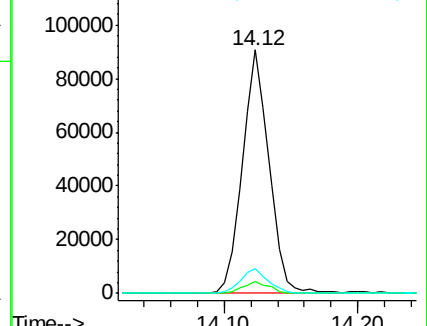
164 10.3 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 0.698 ng

RT: 14.12 min Scan# 1844

Delta R.T. -0.13 min

Lab File: BG035675.D

Acq: 16 Jul 2018 18:35

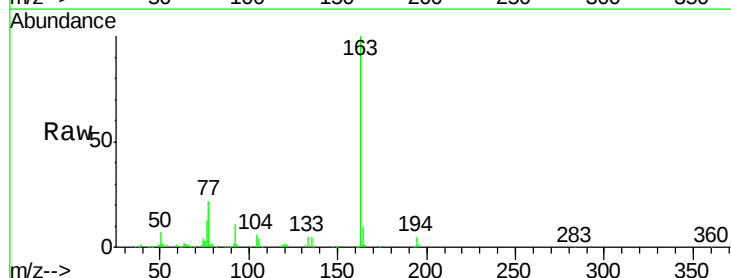
Tgt Ion:165 Resp: 1345

Ion Ratio Lower Upper

165 100

63 154.2 52.7 79.1#

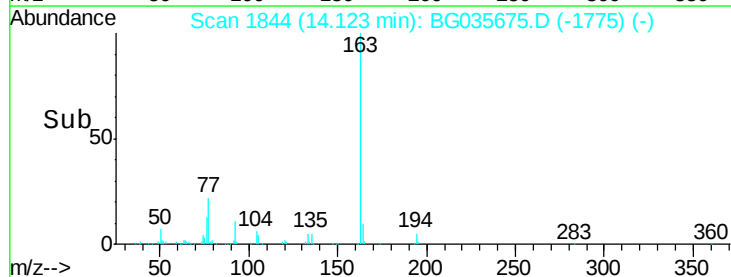
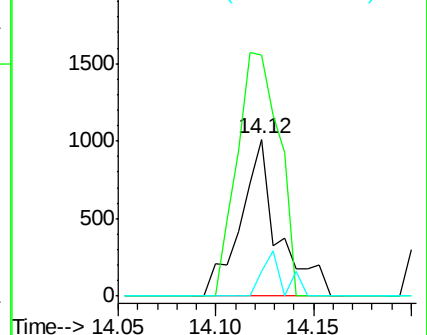
89 16.0 49.2 73.8#

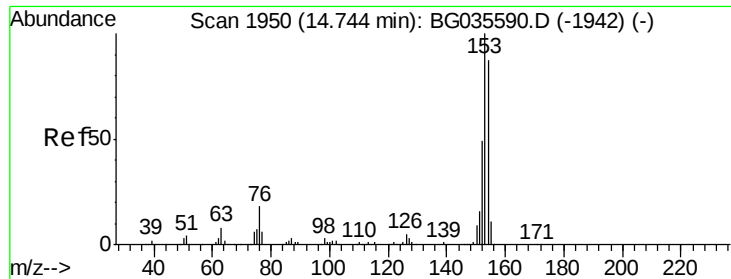


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 0.010 ng

RT: 14.74 min Scan# 1949

Delta R.T. -0.00 min

Lab File: BG035675.D

Acq: 16 Jul 2018 18:35

Instrument :

BNA\_G

ClientSampleId :

SB-3-A

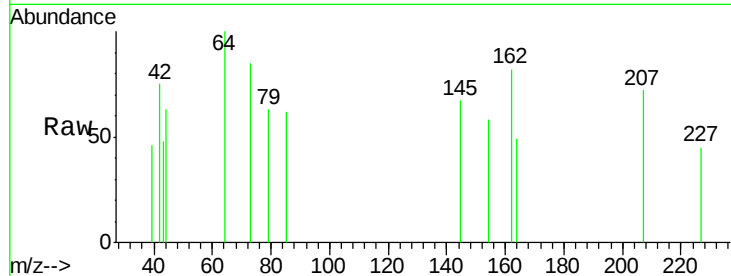
Tgt Ion:154 Resp: 67

Ion Ratio Lower Upper

154 100

153 0.0 90.4 135.6#

152 0.0 41.6 62.4#

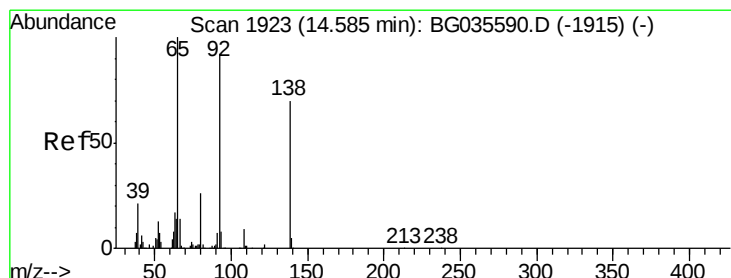
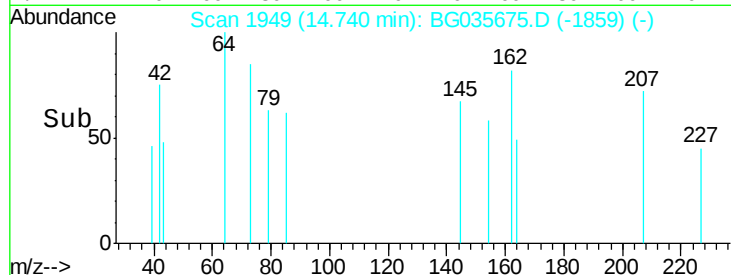
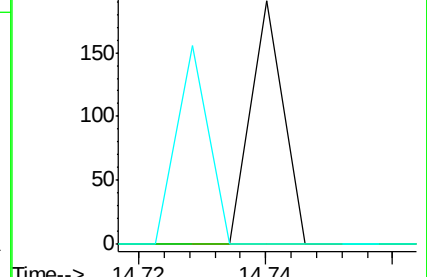


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

14.74



#52

3-Nitroaniline

Concen: 0.028 ng

RT: 14.68 min Scan# 1938

Delta R.T. 0.09 min

Lab File: BG035675.D

Acq: 16 Jul 2018 18:35

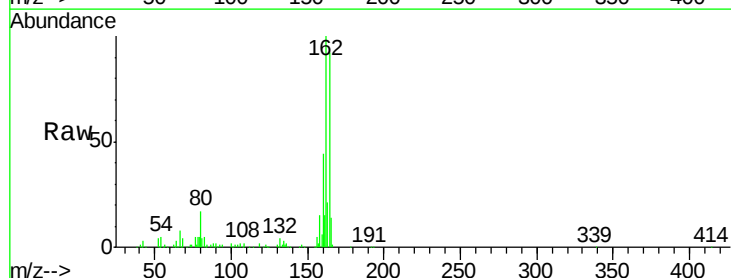
Tgt Ion:138 Resp: 55

Ion Ratio Lower Upper

138 100

108 903.2 17.5 26.3#

92 248.1 105.8 158.8#

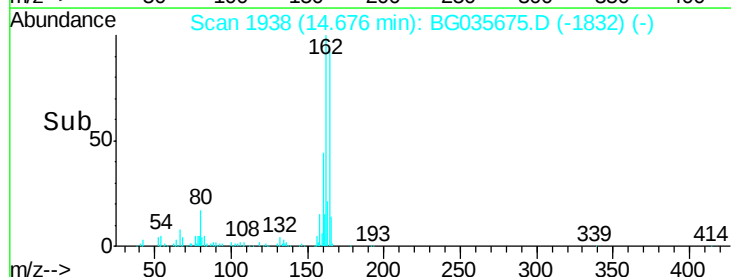
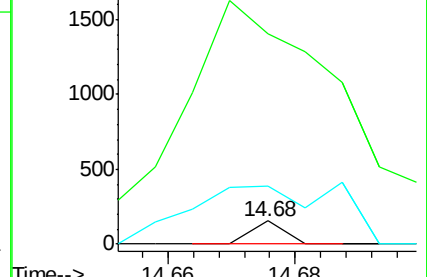


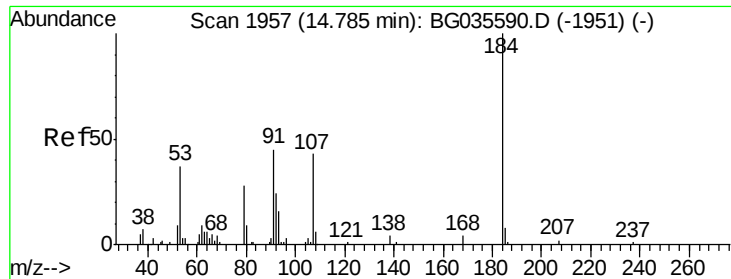
Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC

14.68

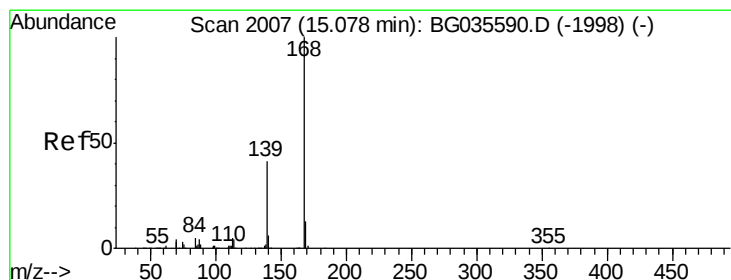
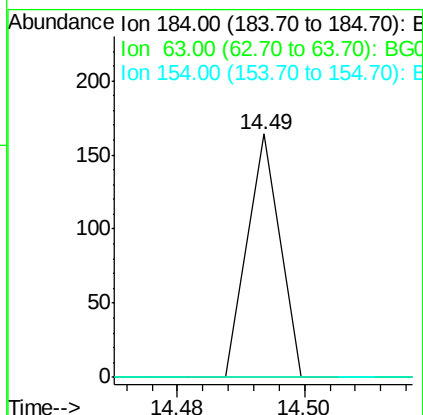
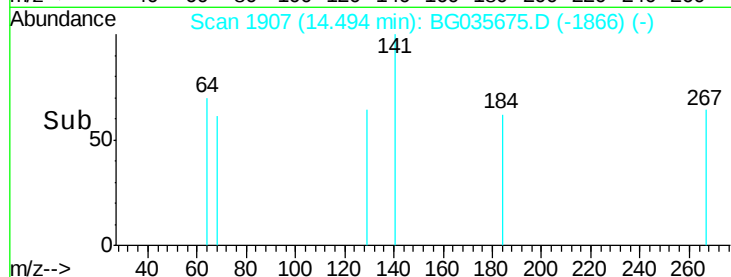
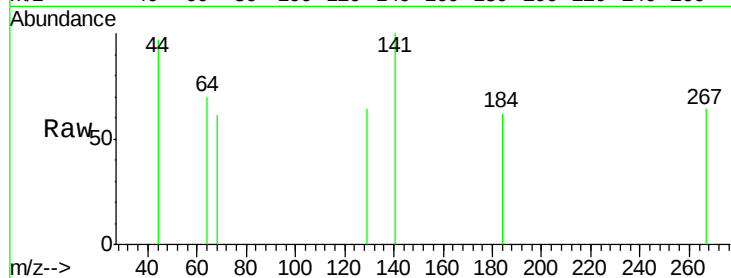




#53  
2,4-Dinitrophenol  
Concen: 6.636 ng  
RT: 14.49 min Scan# 1907  
Delta R.T. -0.29 min  
Lab File: BG035675.D  
Acq: 16 Jul 2018 18:35

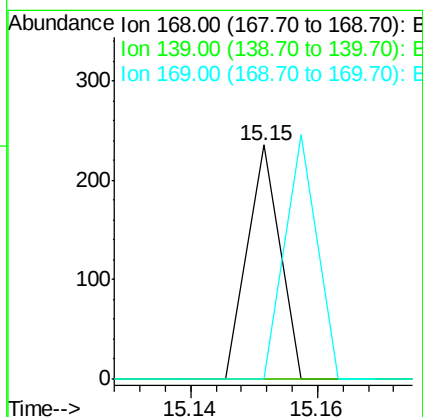
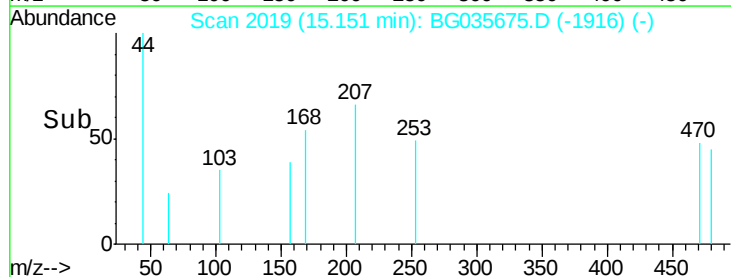
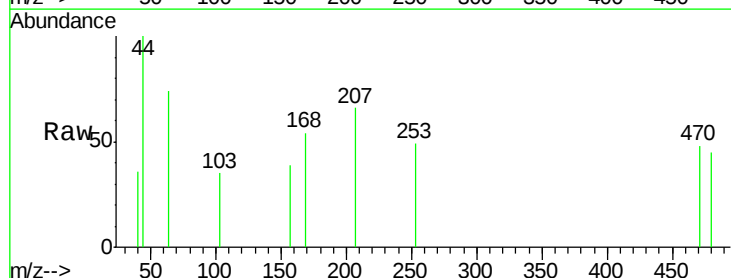
Instrument :  
BNA\_G  
ClientSampleId :  
SB-3-A

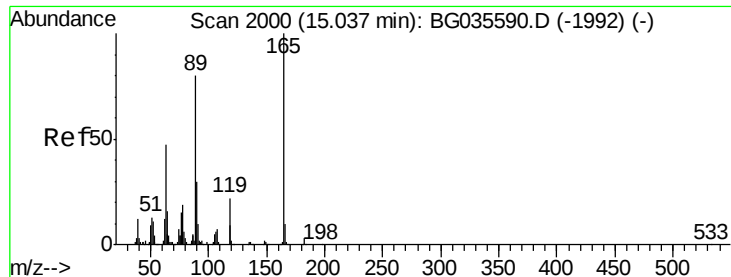
Tgt Ion:184 Resp: 58  
Ion Ratio Lower Upper  
184 100  
63 0.0 59.8 89.8#  
154 0.0 101.8 152.8#



#54  
Dibenzofuran  
Concen: 0.008 ng  
RT: 15.15 min Scan# 2019  
Delta R.T. 0.07 min  
Lab File: BG035675.D  
Acq: 16 Jul 2018 18:35

Tgt Ion:168 Resp: 83  
Ion Ratio Lower Upper  
168 100  
139 0.0 28.6 43.0#  
169 0.0 11.2 16.8#

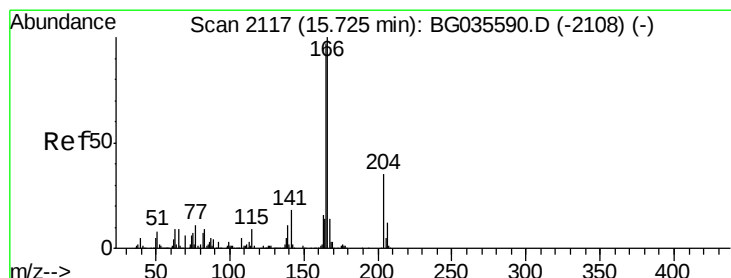
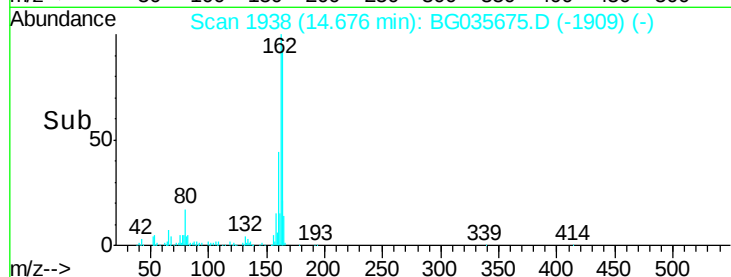
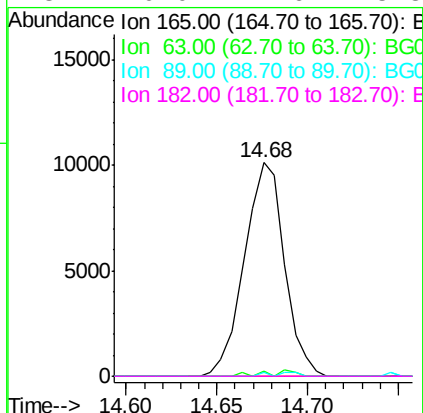
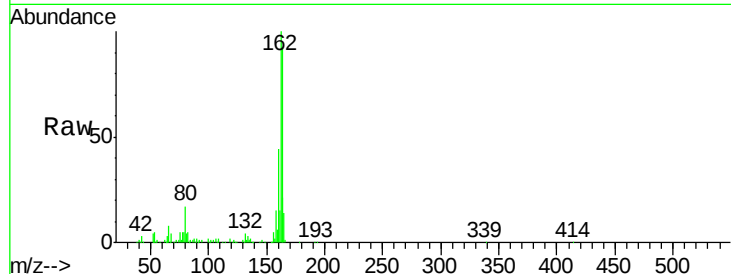




#56  
2,4-Dinitrotoluene  
Concen: 5.628 ng  
RT: 14.68 min Scan# 1938  
Delta R.T. -0.36 min  
Lab File: BG035675.D  
Acq: 16 Jul 2018 18:35

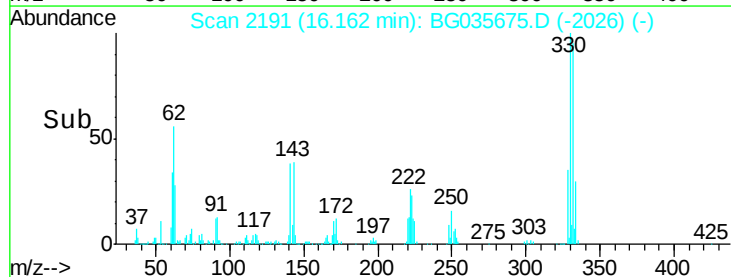
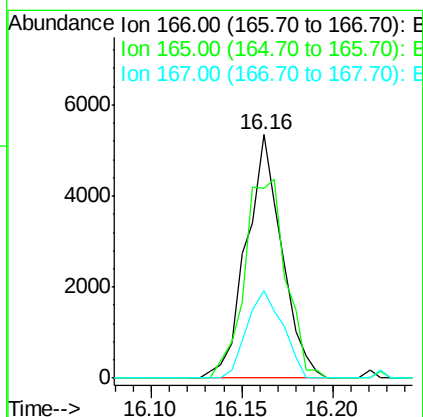
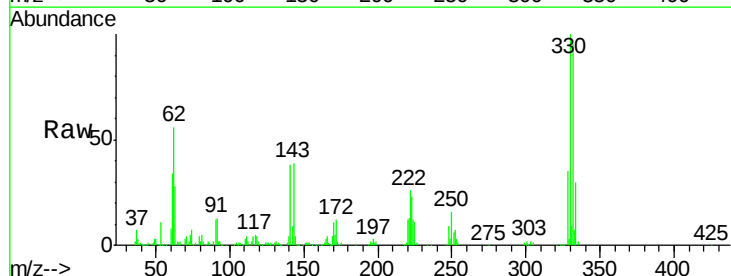
Instrument :  
BNA\_G  
ClientSampleId :  
SB-3-A

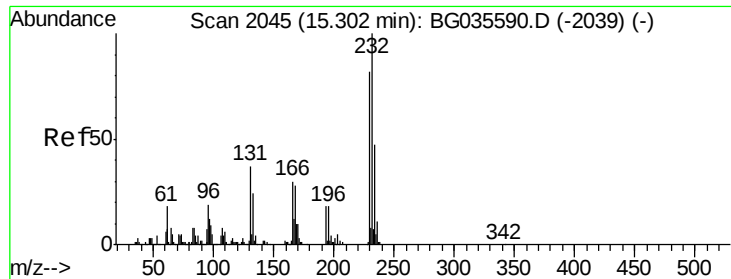
Tgt Ion:165 Resp: 15565  
Ion Ratio Lower Upper  
165 100  
63 2.3 42.0 63.0#  
89 1.9 66.9 100.3#  
182 0.0 2.6 3.8#



#57  
Fluorene  
Concen: 0.804 ng  
RT: 16.16 min Scan# 2191  
Delta R.T. 0.44 min  
Lab File: BG035675.D  
Acq: 16 Jul 2018 18:35

Tgt Ion:166 Resp: 7290  
Ion Ratio Lower Upper  
166 100  
165 78.2 80.6 121.0#  
167 36.0 10.4 15.6#

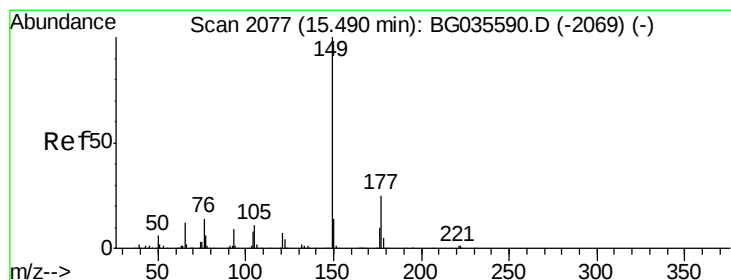
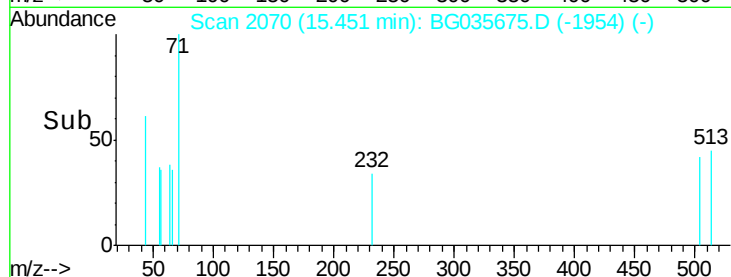
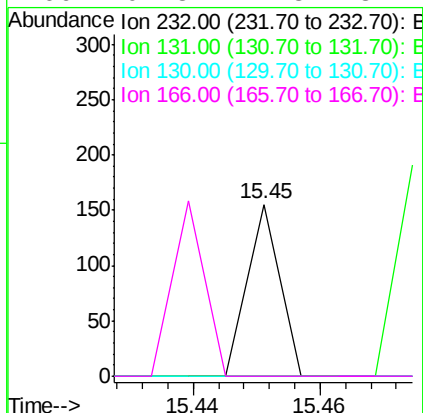
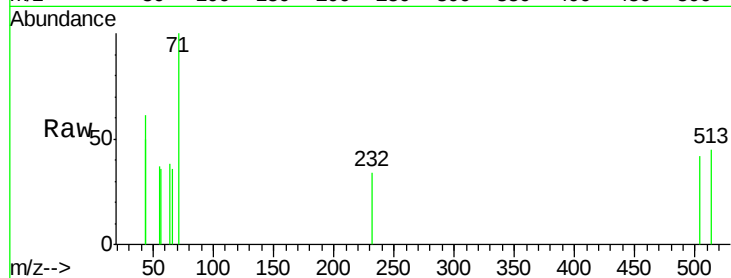




#58  
 2,3,4,6-Tetrachlorophenol  
 Concen: 0.022 ng  
 RT: 15.45 min Scan# 2070  
 Delta R.T. 0.15 min  
 Lab File: BG035675.D  
 Acq: 16 Jul 2018 18:35

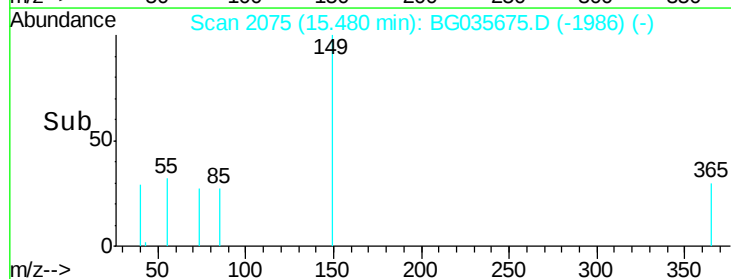
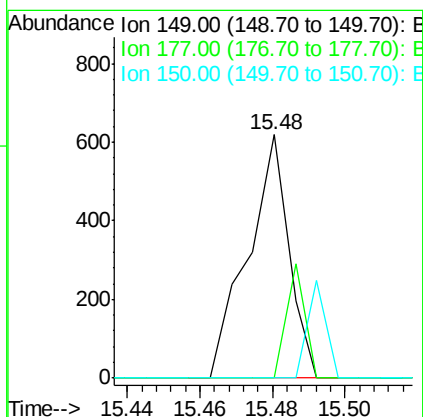
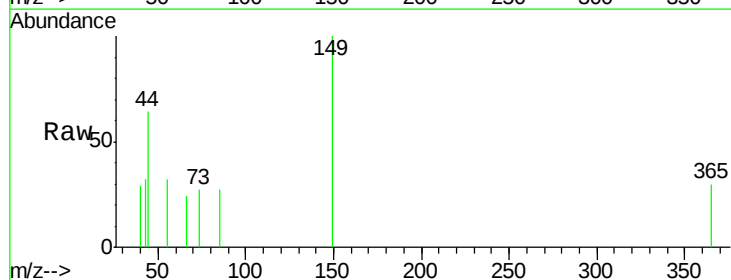
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SB-3-A

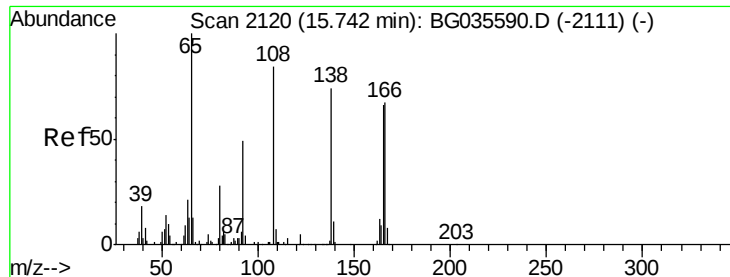
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 232   | Resp: | 55    |
| Ion      | Ratio | Lower | Upper |
| 232      | 100   |       |       |
| 131      | 0.0   | 33.5  | 50.3# |
| 130      | 0.0   | 2.2   | 3.2#  |
| 166      | 101.8 | 24.8  | 37.2# |



#59  
 Diethylphthalate  
 Concen: 0.050 ng  
 RT: 15.48 min Scan# 2075  
 Delta R.T. -0.01 min  
 Lab File: BG035675.D  
 Acq: 16 Jul 2018 18:35

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 149   | Resp: | 485   |
| Ion      | Ratio | Lower | Upper |
| 149      | 100   |       |       |
| 177      | 0.0   | 18.5  | 27.7# |
| 150      | 0.0   | 10.2  | 15.2# |

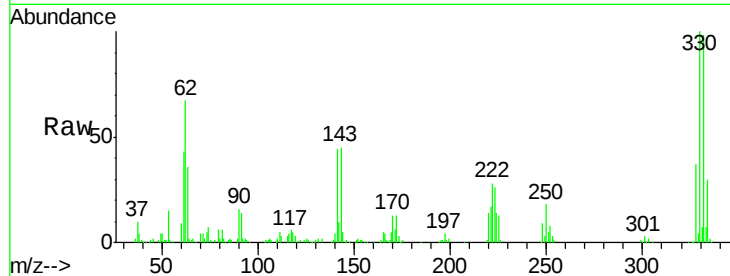




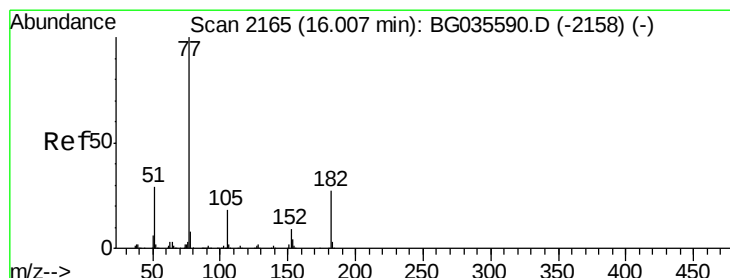
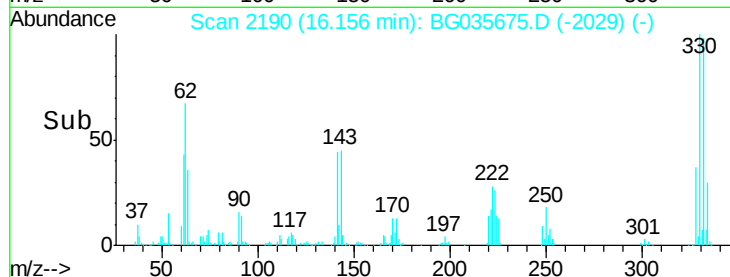
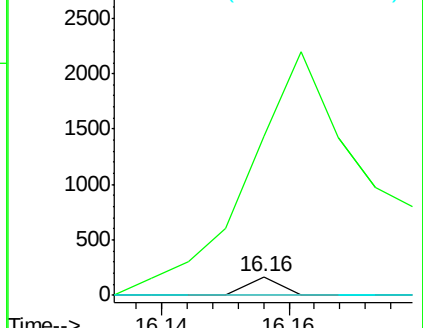
#61  
4-Nitroaniline  
Concen: 0.029 ng  
RT: 16.16 min Scan# 2190  
Delta R.T. 0.41 min  
Lab File: BG035675.D  
Acq: 16 Jul 2018 18:35

Instrument :  
BNA\_G  
ClientSampleId :  
SB-3-A

Tgt Ion: 138 Resp: 60  
Ion Ratio Lower Upper  
138 100  
92 841.5 40.1 80.1#  
108 0.0 65.4 105.4#

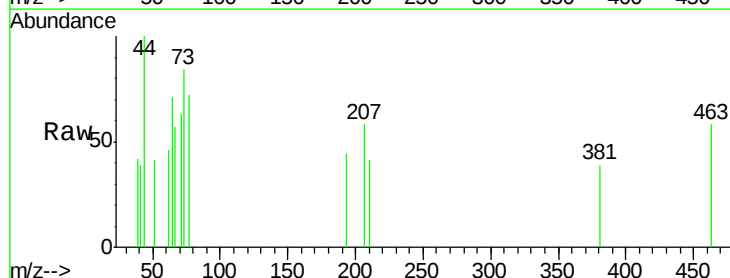


Abundance Ion 138.00 (137.70 to 138.70): E  
Ion 92.00 (91.70 to 92.70): BGC  
Ion 108.00 (107.70 to 108.70): E

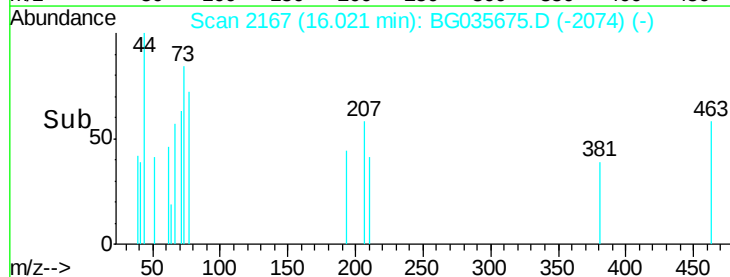
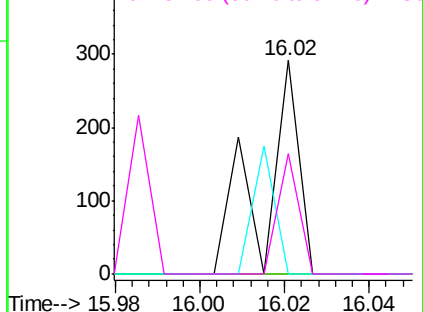


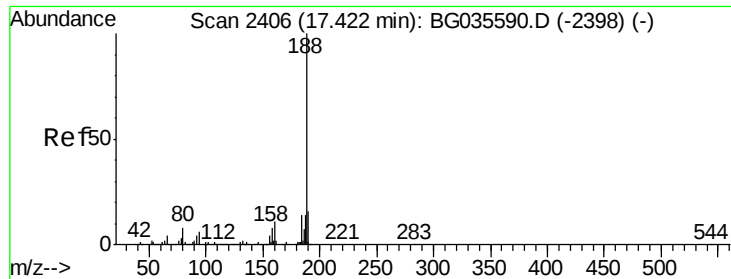
#62  
Azobenzene  
Concen: 0.018 ng  
RT: 16.02 min Scan# 2167  
Delta R.T. 0.01 min  
Lab File: BG035675.D  
Acq: 16 Jul 2018 18:35

Tgt Ion: 77 Resp: 169  
Ion Ratio Lower Upper  
77 100  
182 0.0 7.4 47.4#  
105 0.0 0.3 40.3#  
51 56.5 11.6 51.6#



Abundance Ion 77.00 (76.70 to 77.70): BGC  
Ion 182.00 (181.70 to 182.70): E  
Ion 105.00 (104.70 to 105.70): E  
Ion 51.00 (50.70 to 51.70): BGC

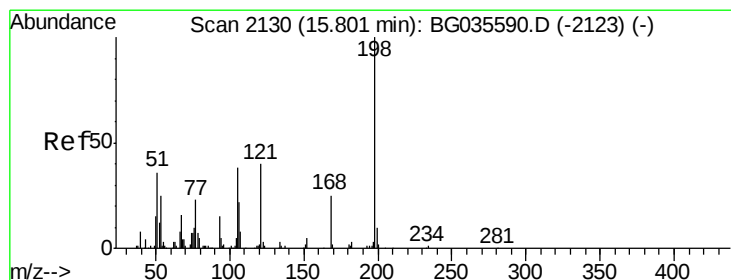
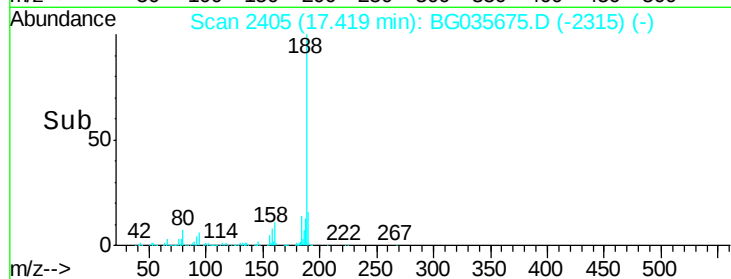
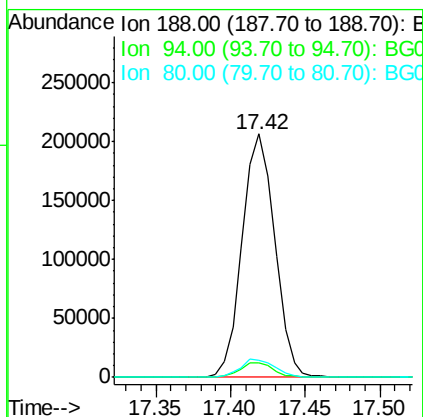
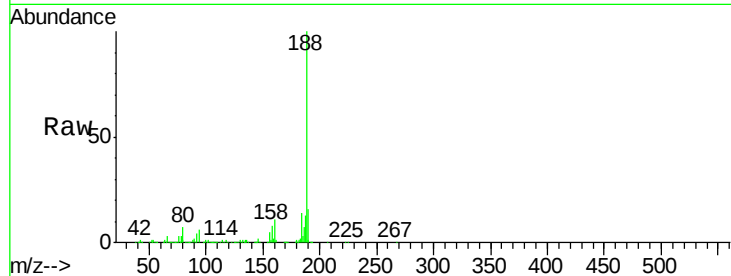




#63  
 Phenanthrene-d10  
 Concen: 20.000 ng  
 RT: 17.42 min Scan# 2405  
 Delta R.T. -0.00 min  
 Lab File: BG035675.D  
 Acq: 16 Jul 2018 18:35

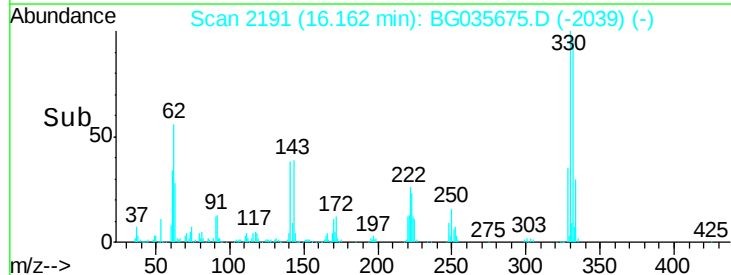
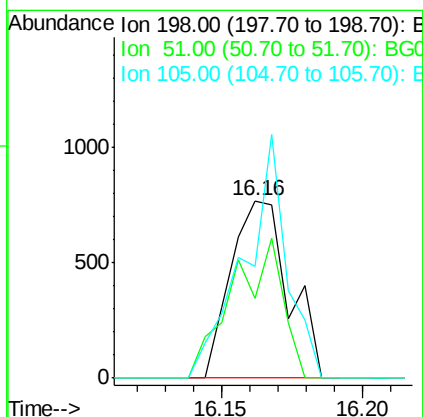
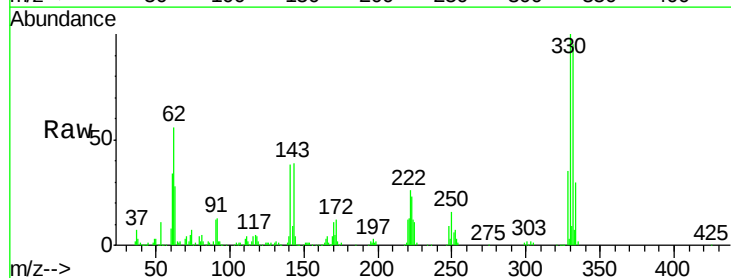
Instrument :  
 BNA\_G  
 ClientSampled :  
 SB-3-A

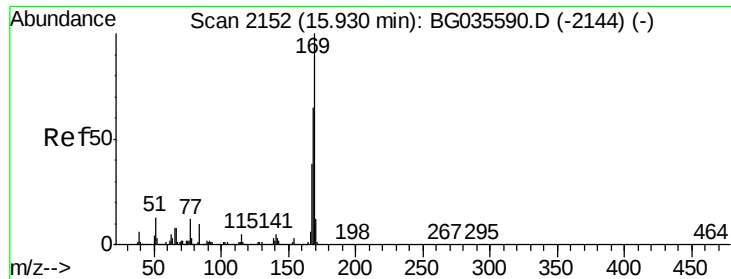
Tgt Ion:188 Resp: 313158  
 Ion Ratio Lower Upper  
 188 100  
 94 6.1 6.9 10.3#  
 80 7.0 7.7 11.5#



#64  
 4,6-Dinitro-2-methylphenol  
 Concen: 0.625 ng  
 RT: 16.16 min Scan# 2191  
 Delta R.T. 0.36 min  
 Lab File: BG035675.D  
 Acq: 16 Jul 2018 18:35

Tgt Ion:198 Resp: 1090  
 Ion Ratio Lower Upper  
 198 100  
 51 45.1 30.6 70.6  
 105 62.9 23.8 63.8





#65

n-Nitrosodiphenylamine

Concen: 0.880 ng

RT: 16.17 min Scan# 2192

Delta R.T. 0.24 min

Lab File: BG035675.D

Acq: 16 Jul 2018 18:35

Instrument :

BNA\_G

ClientSampleId :

SB-3-A

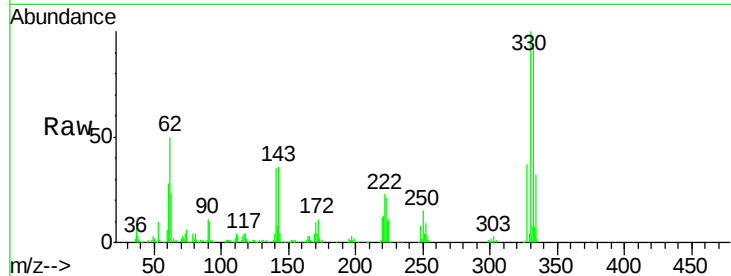
Tgt Ion:169 Resp: 7848

Ion Ratio Lower Upper

169 100

168 4.9 55.7 83.5#

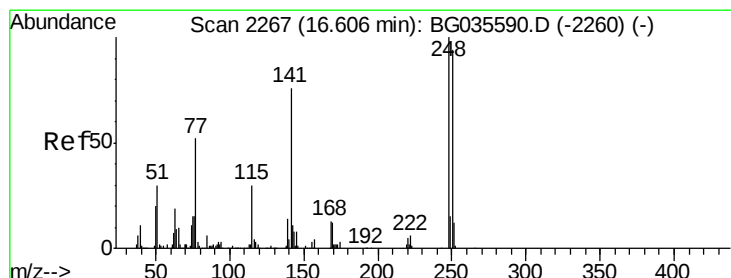
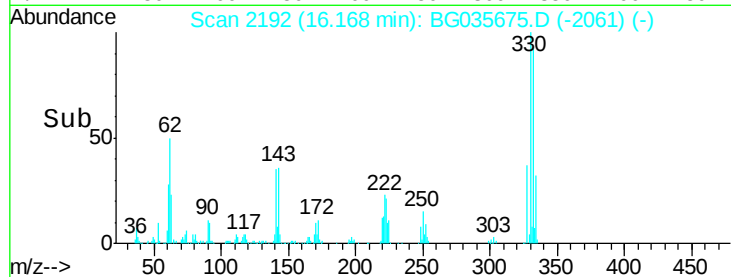
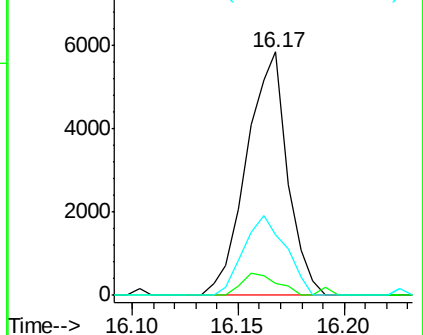
167 25.1 30.1 45.1#



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 4.546 ng

RT: 16.16 min Scan# 2191

Delta R.T. -0.44 min

Lab File: BG035675.D

Acq: 16 Jul 2018 18:35

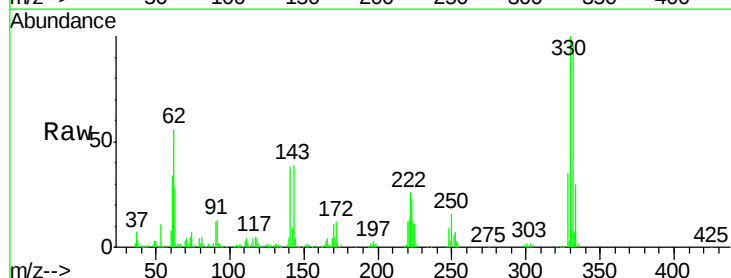
Tgt Ion:248 Resp: 16515

Ion Ratio Lower Upper

248 100

250 186.9 77.1 115.7#

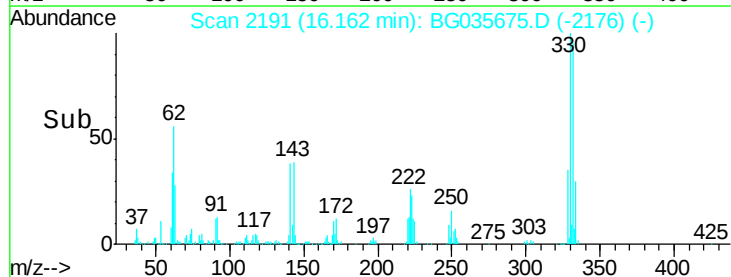
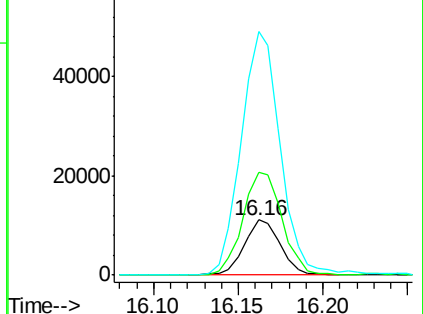
141 440.7 50.8 76.2#

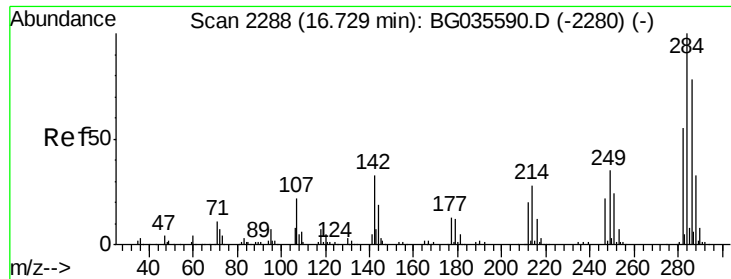


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

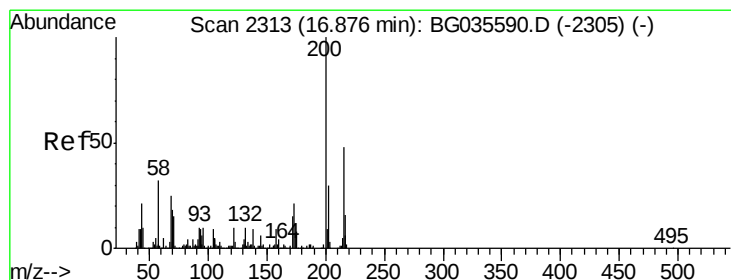
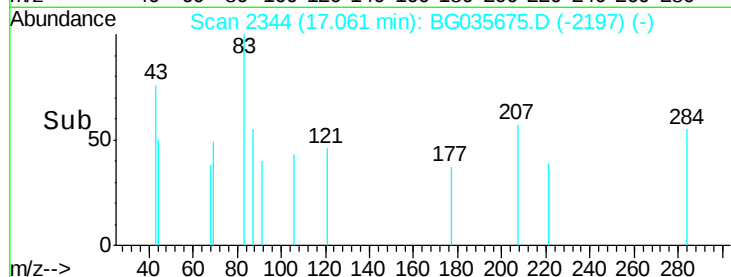
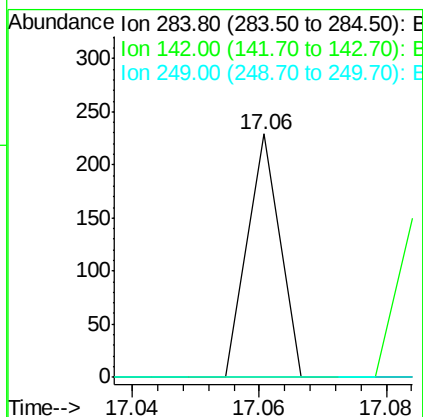
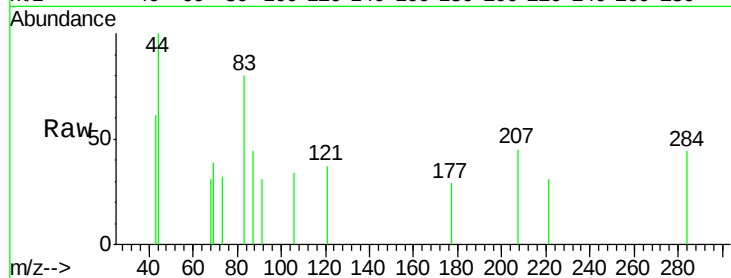




#67  
Hexachlorobenzene  
Concen: 0.022 ng  
RT: 17.06 min Scan# 2344  
Delta R.T. 0.33 min  
Lab File: BG035675.D  
Acq: 16 Jul 2018 18:35

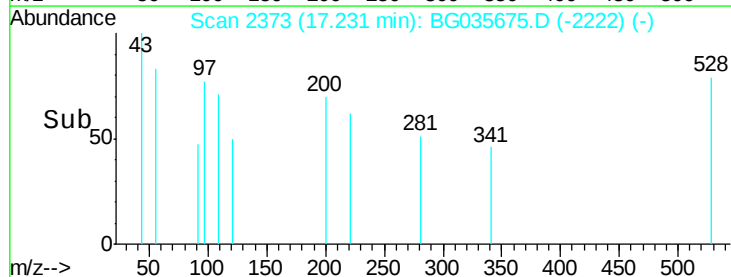
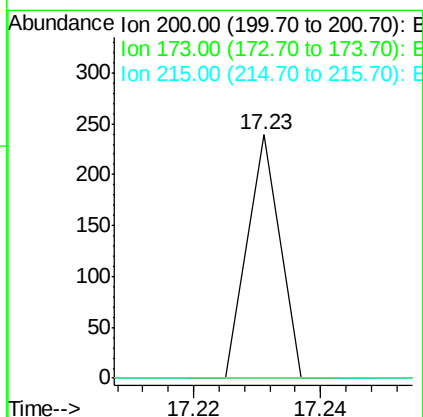
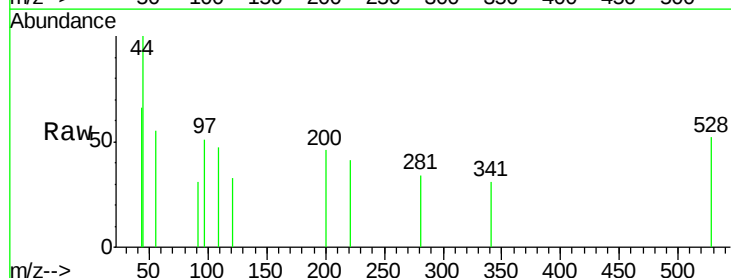
Instrument :  
BNA\_G  
ClientSampled :  
SB-3-A

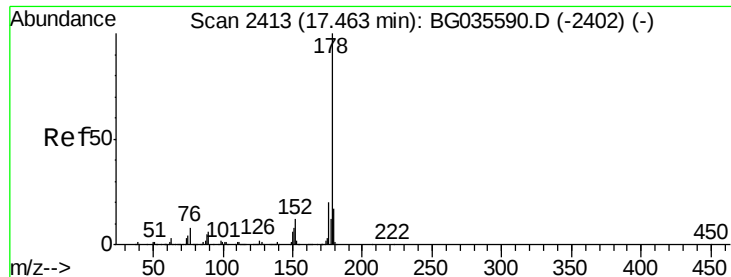
Tgt Ion: 284 Resp: 81  
Ion Ratio Lower Upper  
284 100  
142 0.0 26.8 40.2#  
249 0.0 26.3 39.5#



#68  
Atrazine  
Concen: 0.023 ng  
RT: 17.23 min Scan# 2373  
Delta R.T. 0.36 min  
Lab File: BG035675.D  
Acq: 16 Jul 2018 18:35

Tgt Ion: 200 Resp: 84  
Ion Ratio Lower Upper  
200 100  
173 0.0 5.2 45.2#  
215 0.0 30.4 70.4#





#70

Phenanthrene

Concen: 0.014 ng

RT: 17.46 min Scan# 2412

Delta R.T. -0.00 min

Lab File: BG035675.D

Acq: 16 Jul 2018 18:35

Instrument :

BNA\_G

ClientSampleId :

SB-3-A

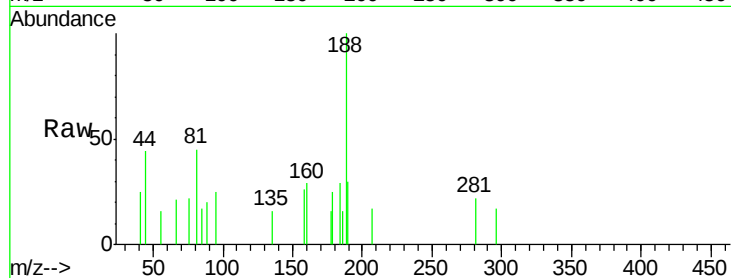
Tgt Ion:178 Resp: 224

Ion Ratio Lower Upper

178 100

176 0.0 15.7 23.5#

179 0.0 12.5 18.7#

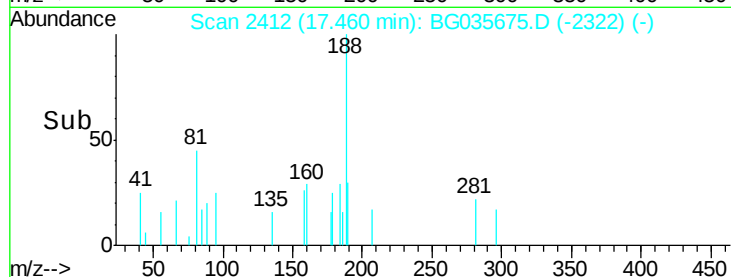


Abundance Ion 178.00 (177.70 to 178.70): E

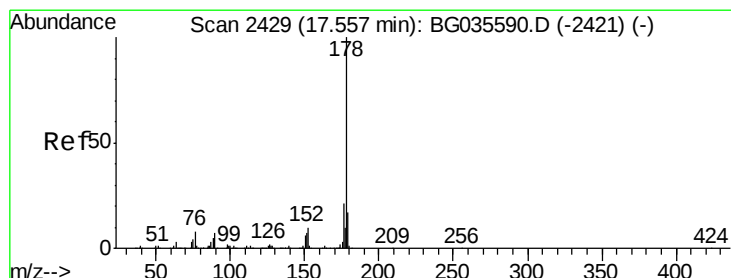
Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

Time-->



Time-->



#71

Anthracene

Concen: 0.014 ng

RT: 17.46 min Scan# 2412

Delta R.T. -0.10 min

Lab File: BG035675.D

Acq: 16 Jul 2018 18:35

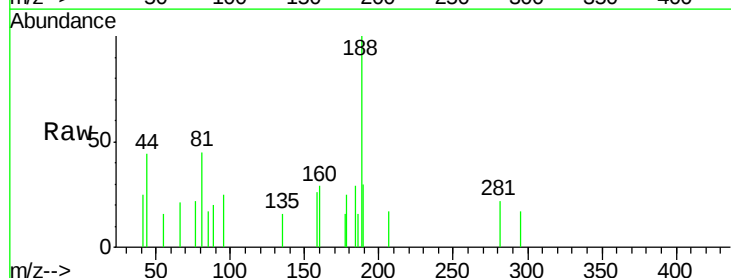
Tgt Ion:178 Resp: 224

Ion Ratio Lower Upper

178 100

176 0.0 16.0 24.0#

179 0.0 12.5 18.7#

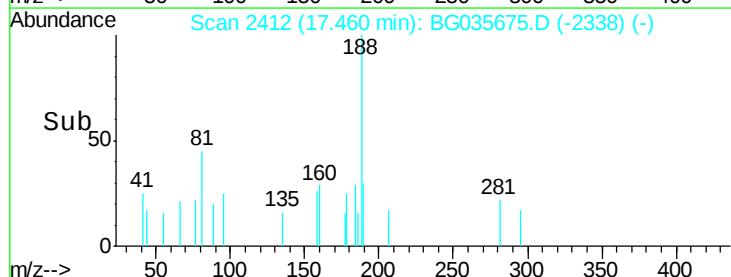


Abundance Ion 178.00 (177.70 to 178.70): E

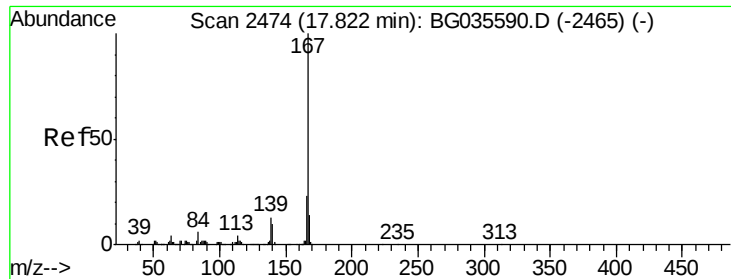
Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

Time-->



Time-->



#72

Carbazole

Concen: 0.004 ng

RT: 18.16 min Scan# 2531

Delta R.T. 0.34 min

Lab File: BG035675.D

Acq: 16 Jul 2018 18:35

Instrument :

BNA\_G

ClientSampleId :

SB-3-A

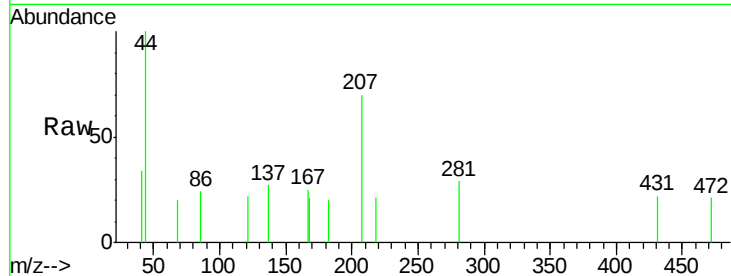
Tgt Ion:167 Resp: 65

Ion Ratio Lower Upper

167 100

166 0.0 18.2 27.4#

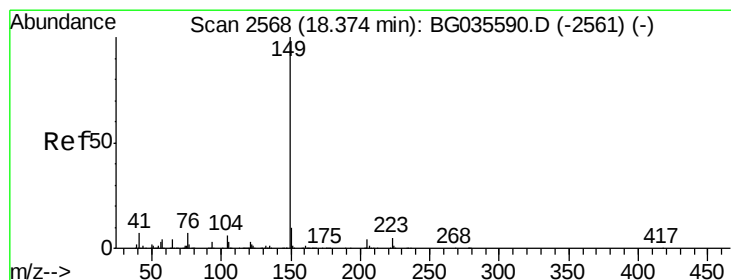
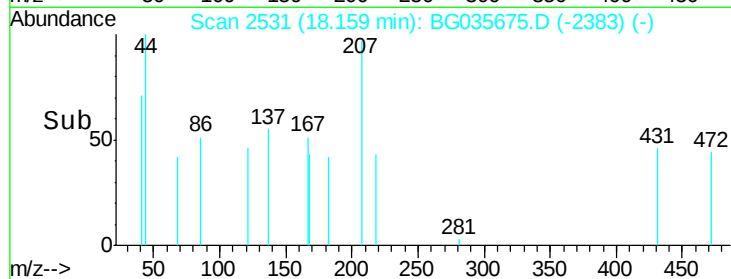
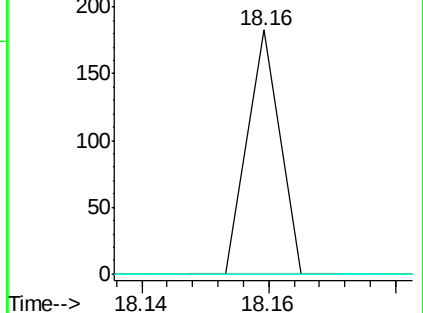
139 0.0 9.4 14.2#



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 0.112 ng

RT: 18.37 min Scan# 2567

Delta R.T. -0.00 min

Lab File: BG035675.D

Acq: 16 Jul 2018 18:35

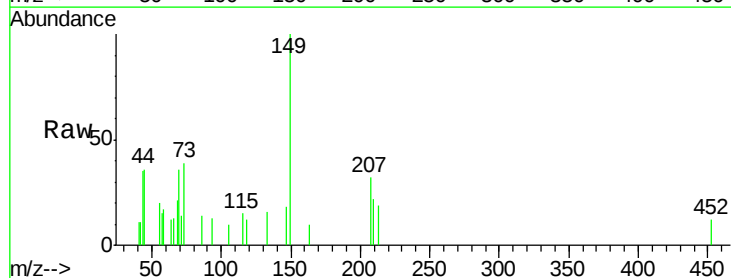
Tgt Ion:149 Resp: 1951

Ion Ratio Lower Upper

149 100

150 0.0 7.8 11.6#

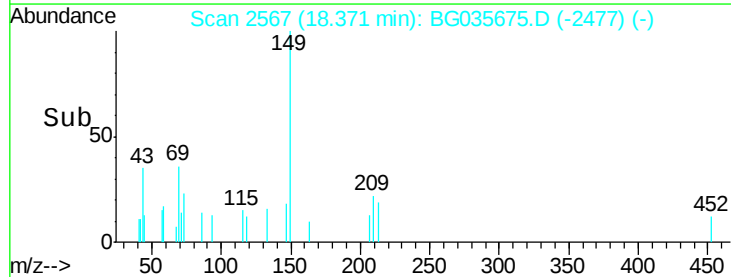
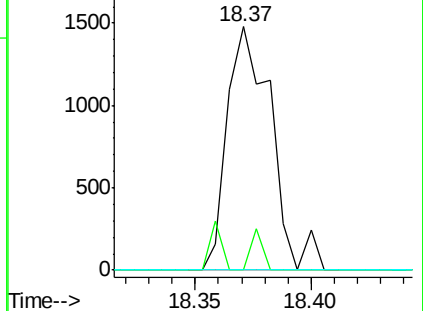
104 0.0 3.9 5.9#

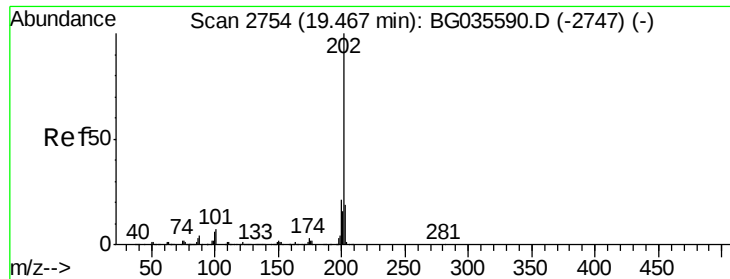


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 0.004 ng

RT: 19.46 min Scan# 2753

Delta R.T. -0.00 min

Lab File: BG035675.D

Acq: 16 Jul 2018 18:35

Instrument :

BNA\_G

ClientSampled :

SB-3-A

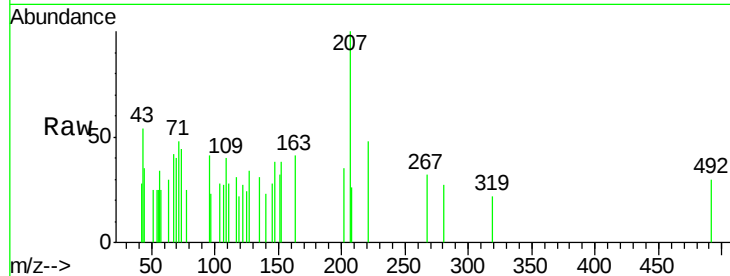
Tgt Ion: 202 Resp: 86

Ion Ratio Lower Upper

202 100

101 0.0 0.0 28.9

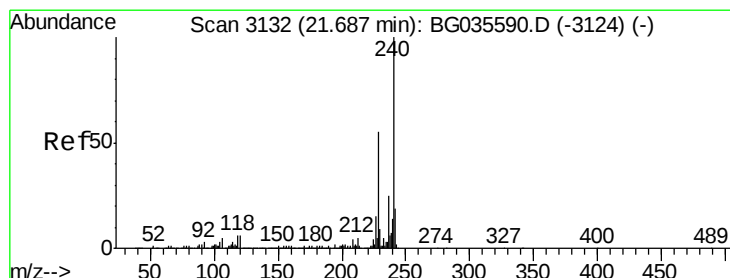
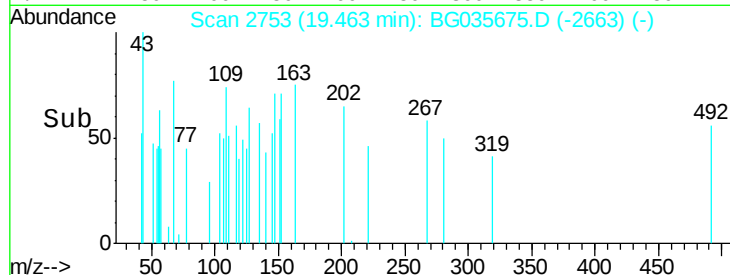
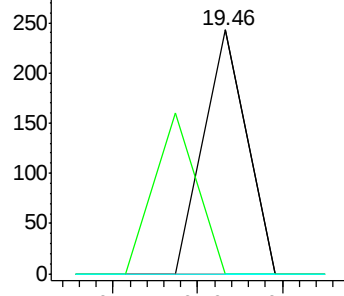
203 0.0 0.0 37.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.68 min Scan# 3131

Delta R.T. -0.00 min

Lab File: BG035675.D

Acq: 16 Jul 2018 18:35

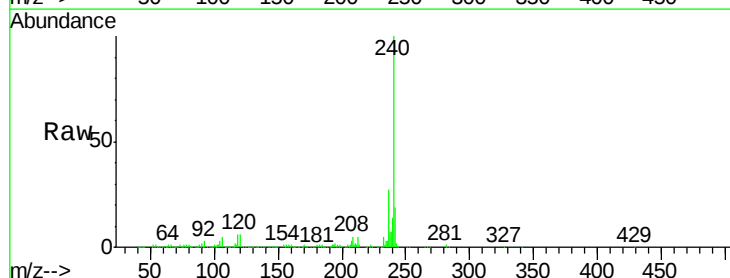
Tgt Ion: 240 Resp: 327695

Ion Ratio Lower Upper

240 100

120 5.9 6.8 10.2#

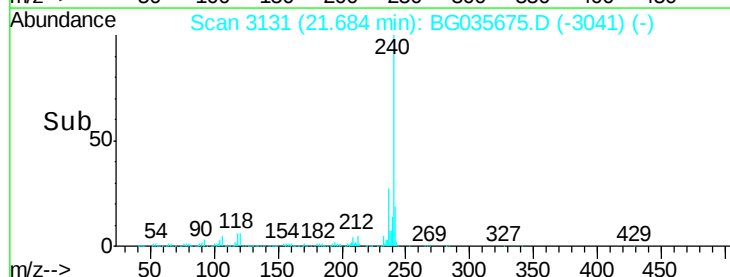
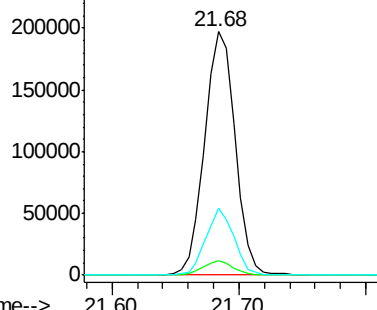
236 27.4 20.9 31.3

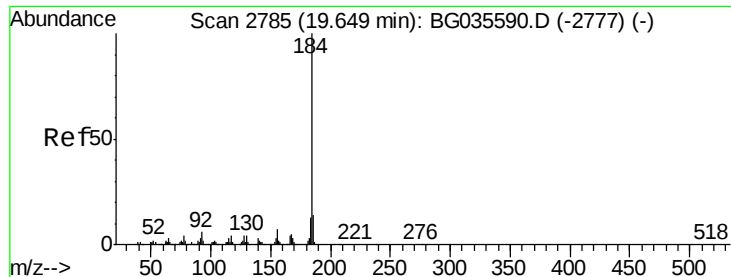


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 2.611 ng

RT: 20.02 min Scan# 2848

Delta R.T. 0.37 min

Lab File: BG035675.D

Acq: 16 Jul 2018 18:35

Instrument :

BNA\_G

ClientSampleId :

SB-3-A

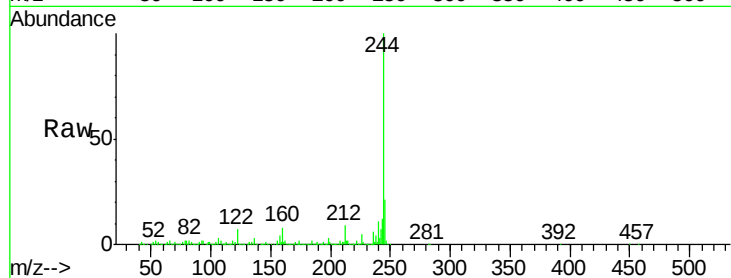
Tgt Ion:184 Resp: 22490

Ion Ratio Lower Upper

184 100

185 18.0 11.1 16.7#

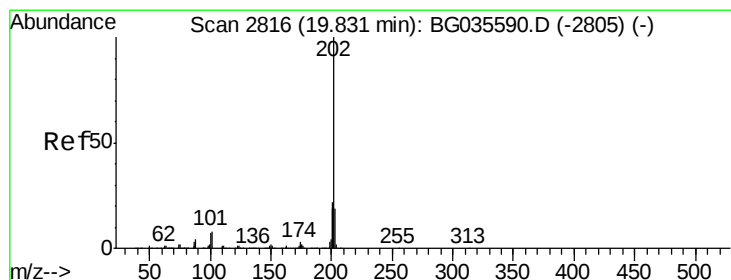
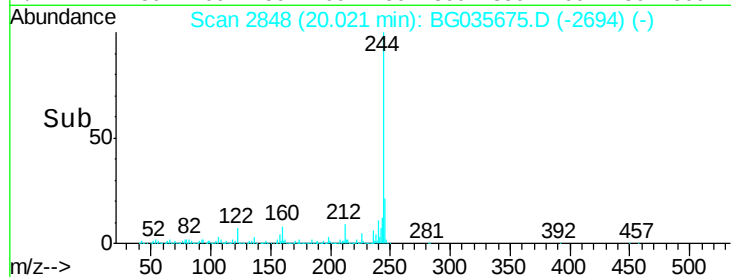
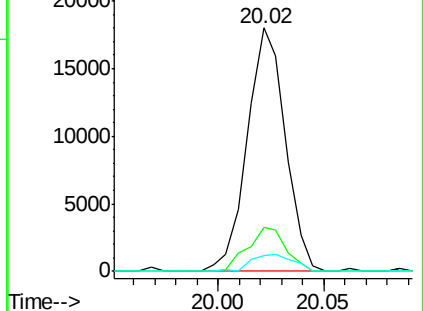
183 6.6 10.6 16.0#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#77

Pyrene

Concen: 0.009 ng

RT: 19.83 min Scan# 2815

Delta R.T. -0.00 min

Lab File: BG035675.D

Acq: 16 Jul 2018 18:35

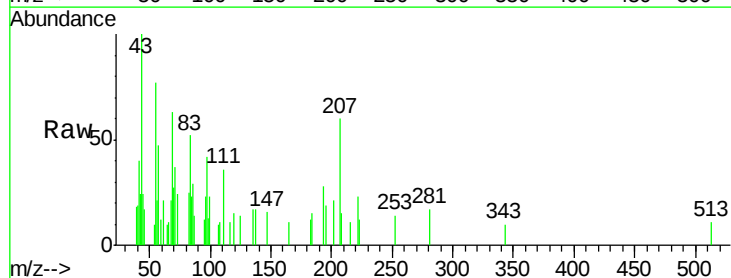
Tgt Ion:202 Resp: 183

Ion Ratio Lower Upper

202 100

200 0.0 16.9 25.3#

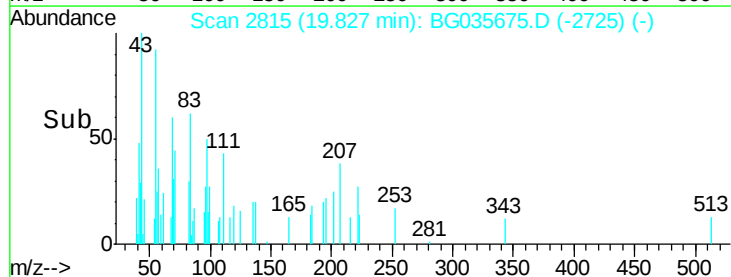
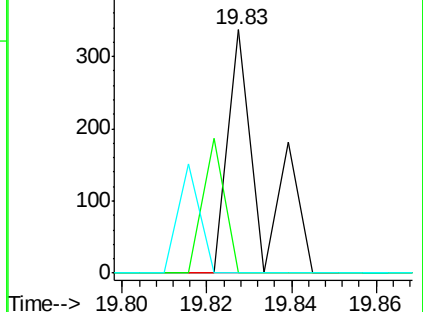
203 0.0 13.9 20.9#

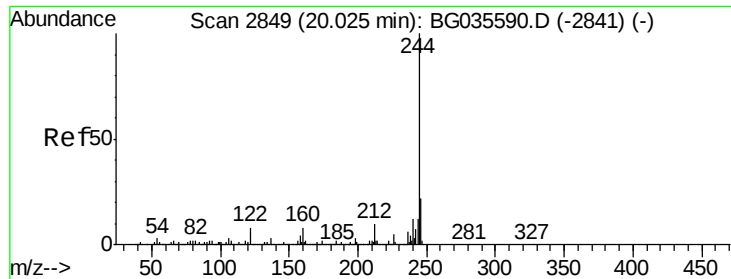


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 87.792 ng

RT: 20.02 min Scan# 2848

Delta R.T. -0.00 min

Lab File: BG035675.D

Acq: 16 Jul 2018 18:35

Instrument :

BNA\_G

ClientSampleId :

SB-3-A

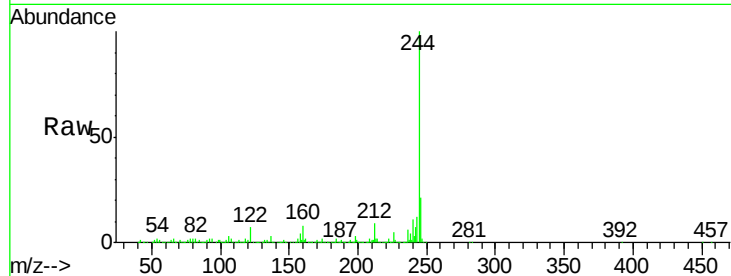
Tgt Ion:244 Resp: 1305131

Ion Ratio Lower Upper

244 100

212 9.2 5.8 8.8#

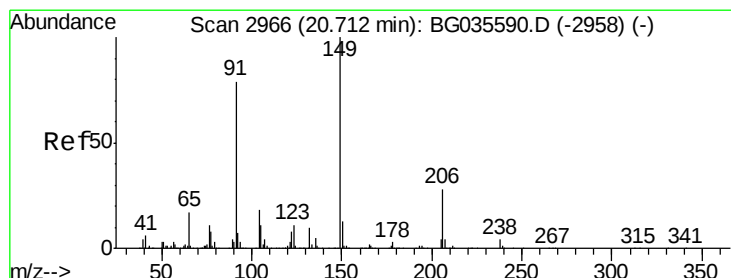
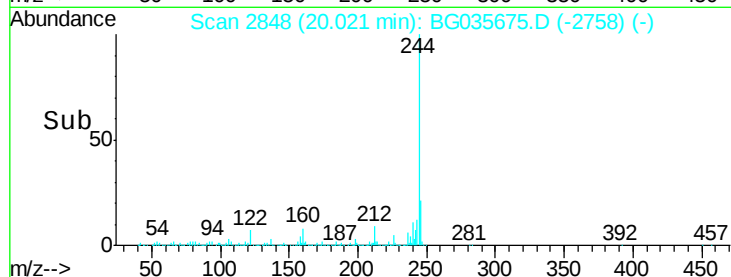
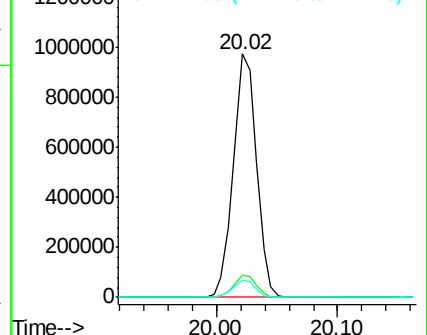
122 6.9 7.0 10.4#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 0.035 ng

RT: 20.70 min Scan# 2964

Delta R.T. -0.01 min

Lab File: BG035675.D

Acq: 16 Jul 2018 18:35

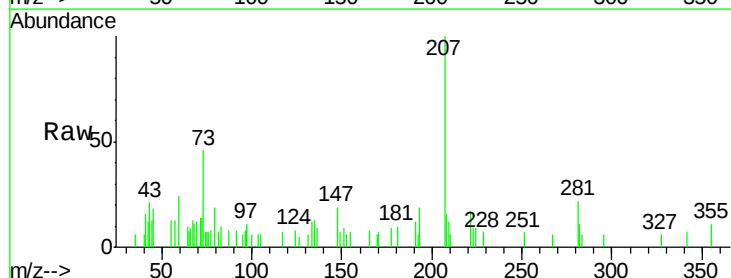
Tgt Ion:149 Resp: 256

Ion Ratio Lower Upper

149 100

91 118.1 62.2 93.2#

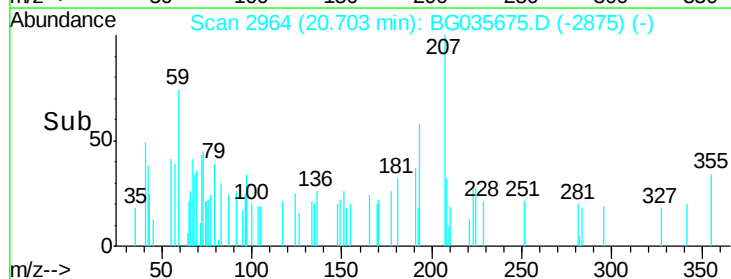
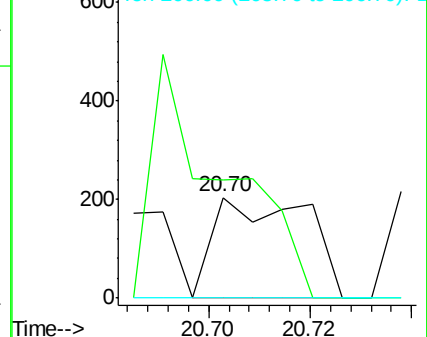
206 0.0 18.6 27.8#

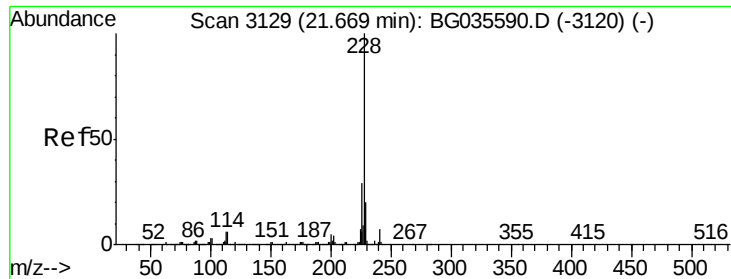


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 0.003 ng

RT: 21.65 min Scan# 3125

Delta R.T. -0.02 min

Lab File: BG035675.D

Acq: 16 Jul 2018 18:35

Instrument :

BNA\_G

ClientSampled :

SB-3-A

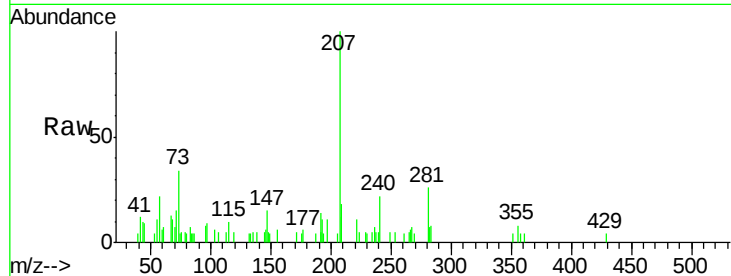
Tgt Ion: 228 Resp: 68

Ion Ratio Lower Upper

228 100

226 0.0 22.7 34.1#

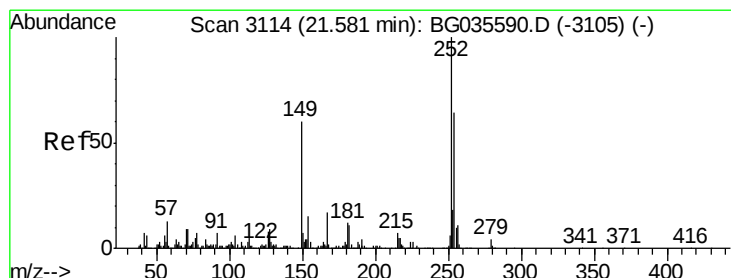
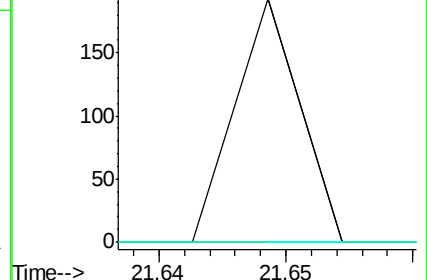
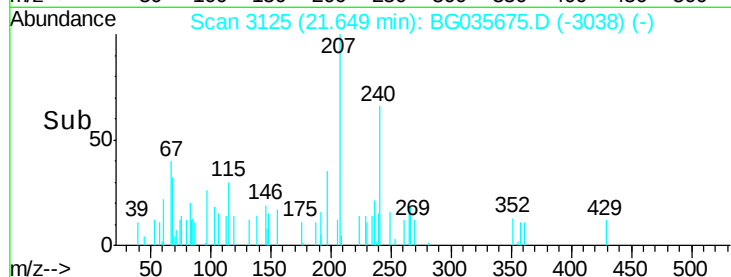
229 0.0 16.2 24.2#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#81

3,3'-Dichlorobenzidine

Concen: 0.077 ng

RT: 21.59 min Scan# 3115

Delta R.T. 0.01 min

Lab File: BG035675.D

Acq: 16 Jul 2018 18:35

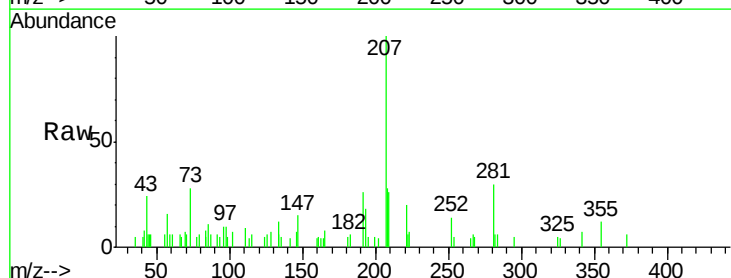
Tgt Ion: 252 Resp: 546

Ion Ratio Lower Upper

252 100

254 37.9 50.8 76.2#

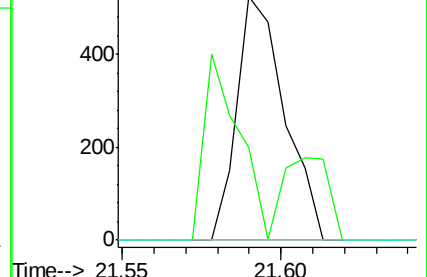
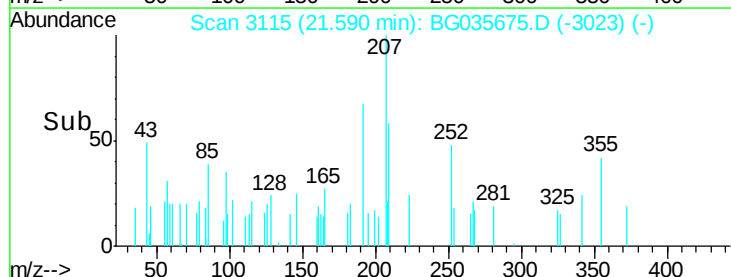
126 0.0 7.4 11.2#

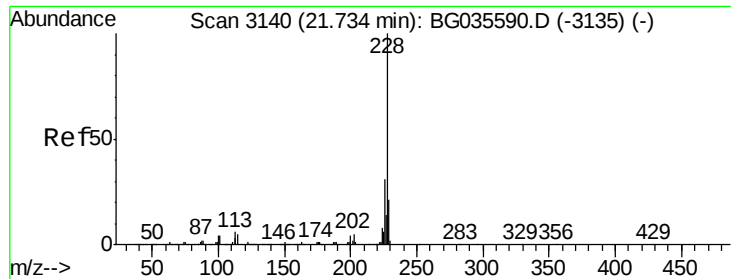


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 0.005 ng

RT: 21.72 min Scan# 3137

Delta R.T. -0.02 min

Lab File: BG035675.D

Acq: 16 Jul 2018 18:35

Instrument :

BNA\_G

ClientSampleId :

SB-3-A

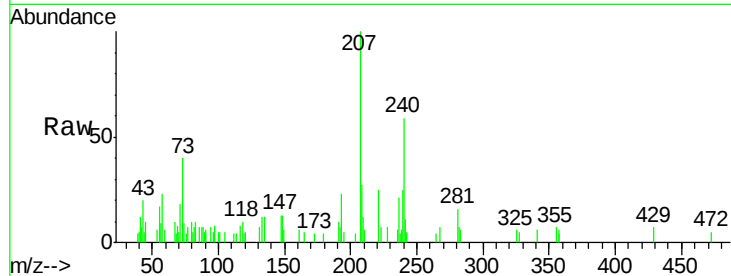
Tgt Ion: 228 Resp: 100

Ion Ratio Lower Upper

228 100

226 0.0 24.9 37.3#

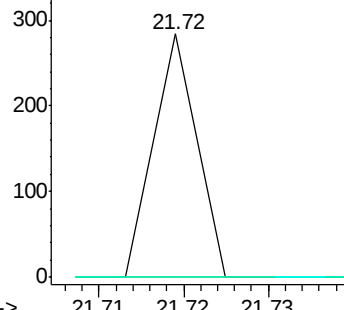
229 0.0 15.0 22.4#



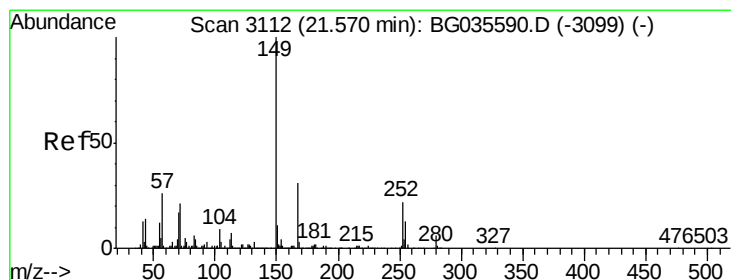
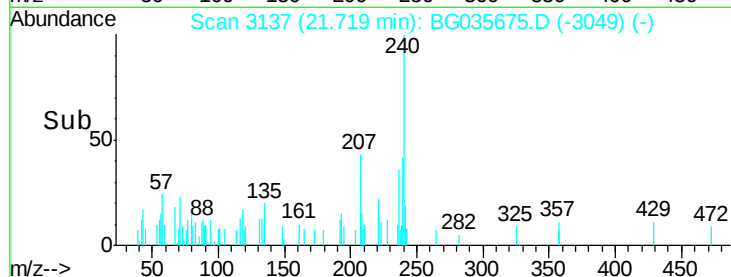
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->



#83

Bis(2-ethylhexyl)phthalate

Concen: 0.128 ng

RT: 21.56 min Scan# 3110

Delta R.T. -0.01 min

Lab File: BG035675.D

Acq: 16 Jul 2018 18:35

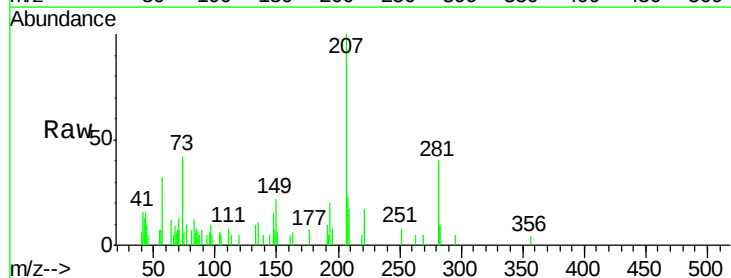
Tgt Ion: 149 Resp: 1294

Ion Ratio Lower Upper

149 100

167 0.0 24.3 36.5#

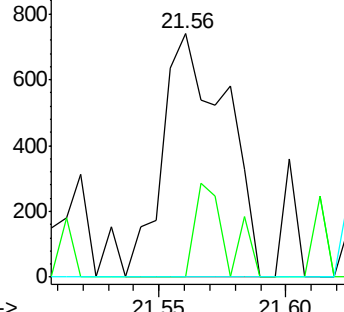
279 0.0 4.0 6.0#



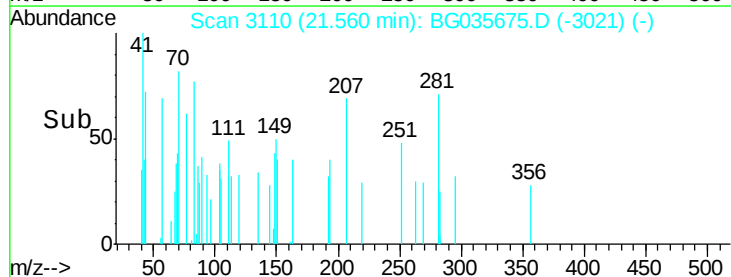
Abundance Ion 149.00 (148.70 to 149.70): E

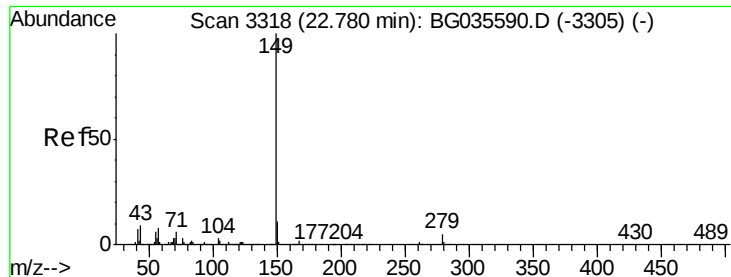
Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



Time-->





#84

Di-n-octyl phthalate

Concen: 0.029 ng

RT: 22.76 min Scan# 3315

Delta R.T. -0.02 min

Lab File: BG035675.D

Acq: 16 Jul 2018 18:35

Instrument :

BNA\_G

ClientSampleId :

SB-3-A

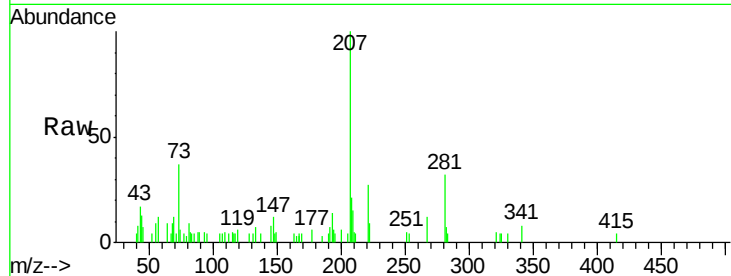
Tgt Ion:149 Resp: 481

Ion Ratio Lower Upper

149 100

167 23.7 1.4 2.0#

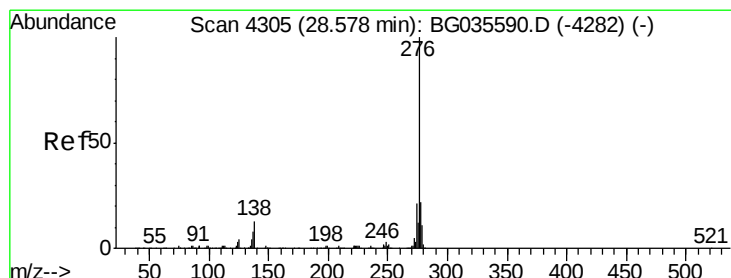
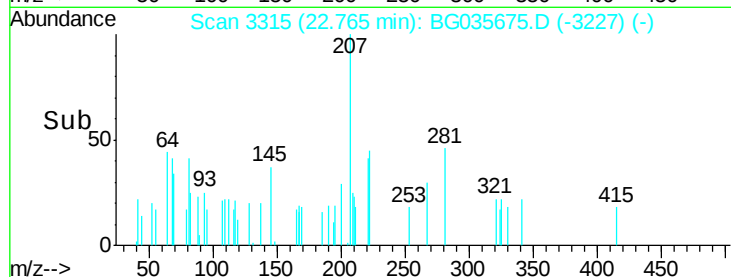
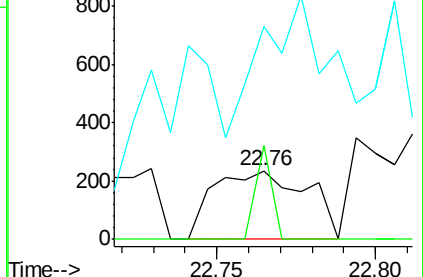
43 144.1 8.9 13.3#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#85

Indeno(1,2,3-cd)pyrene

Concen: 0.006 ng

RT: 28.56 min Scan# 4301

Delta R.T. -0.02 min

Lab File: BG035675.D

Acq: 16 Jul 2018 18:35

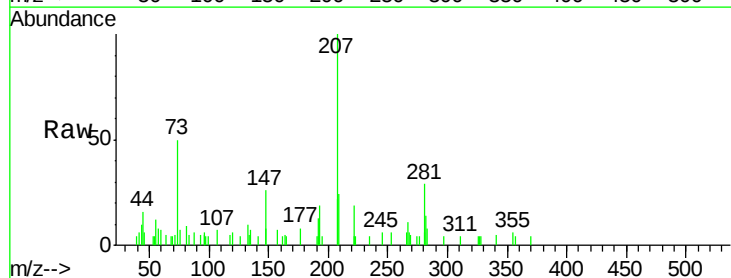
Tgt Ion:276 Resp: 124

Ion Ratio Lower Upper

276 100

138 0.0 16.0 24.0#

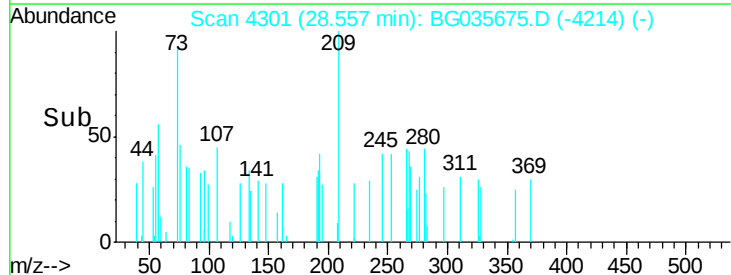
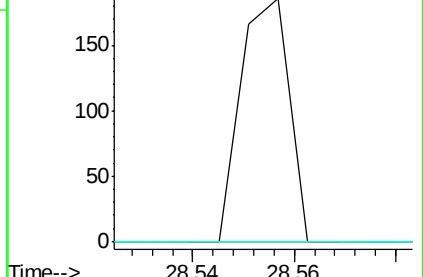
277 0.0 20.0 30.0#

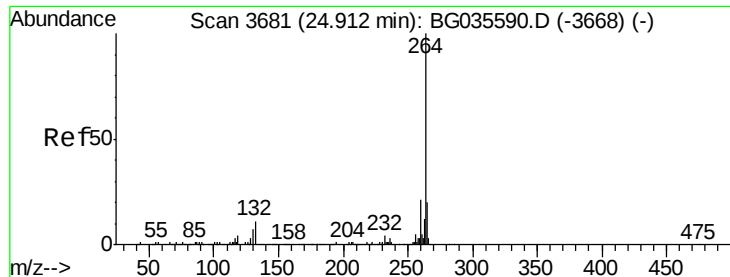


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

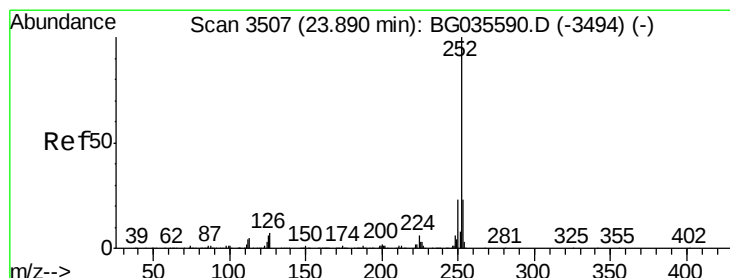
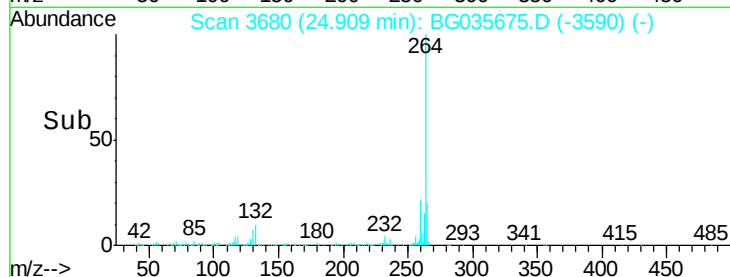
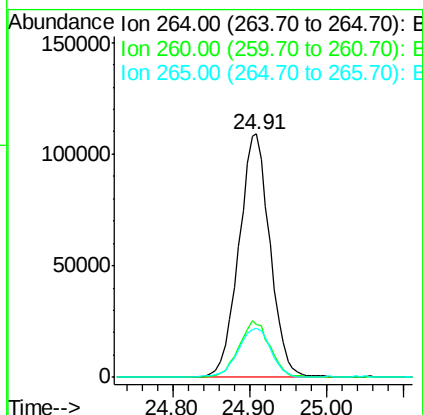
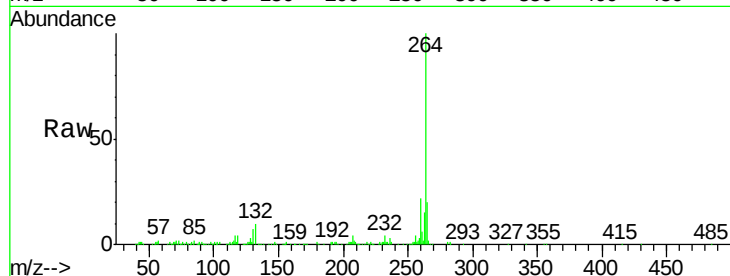




#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 24.91 min Scan# 3680  
Delta R.T. -0.00 min  
Lab File: BG035675.D  
Acq: 16 Jul 2018 18:35

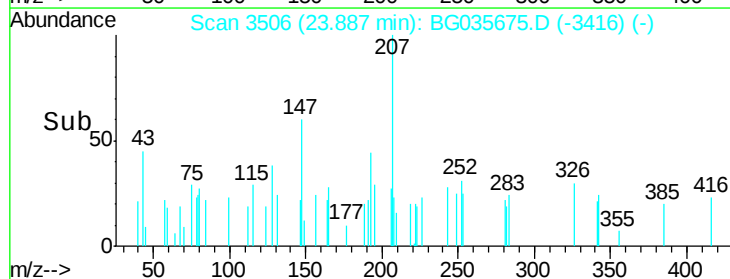
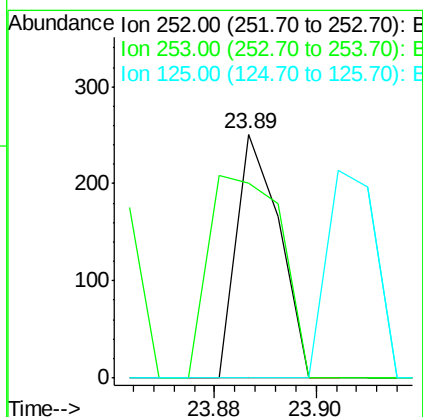
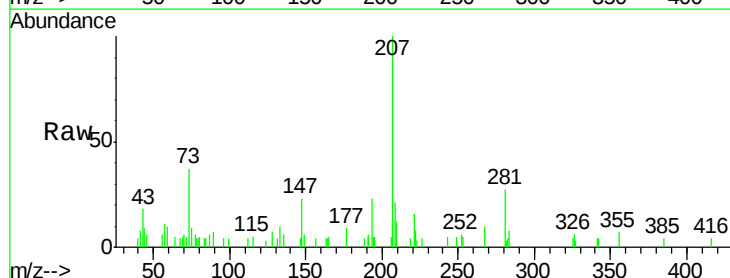
Instrument :  
BNA\_G  
ClientSampleId :  
SB-3-A

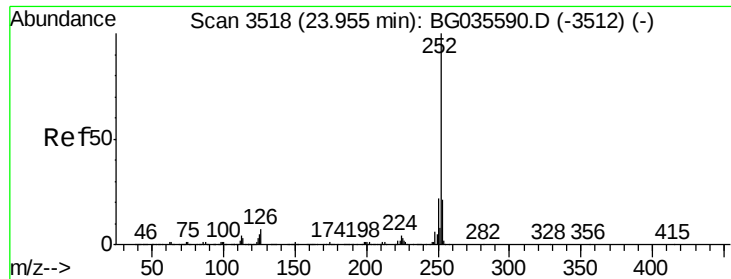
Tgt Ion:264 Resp: 307768  
Ion Ratio Lower Upper  
264 100  
260 21.9 17.4 26.0  
265 20.3 17.7 26.5



#87  
Benzo(b)fluoranthene  
Concen: 0.008 ng  
RT: 23.89 min Scan# 3506  
Delta R.T. -0.00 min  
Lab File: BG035675.D  
Acq: 16 Jul 2018 18:35

Tgt Ion:252 Resp: 147  
Ion Ratio Lower Upper  
252 100  
253 79.7 18.2 27.4#  
125 0.0 7.2 10.8#

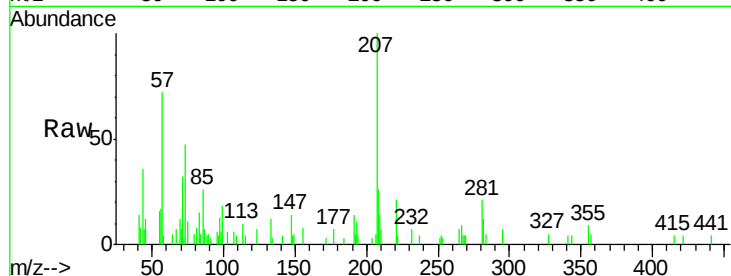




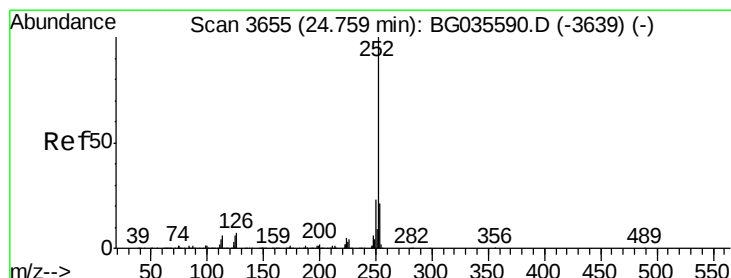
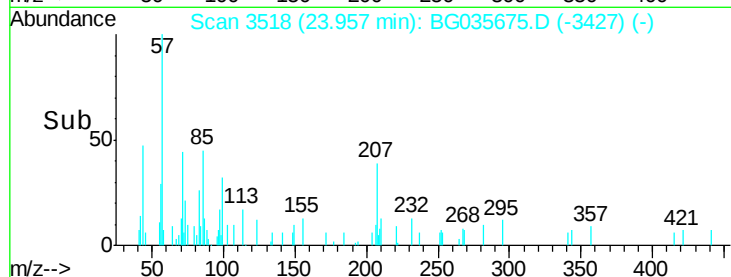
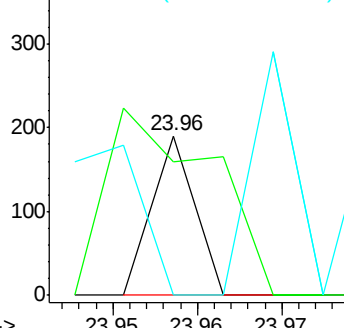
#88  
Benzo(k)fluoranthene  
Concen: 0.004 ng  
RT: 23.96 min Scan# 3518  
Delta R.T. 0.00 min  
Lab File: BG035675.D  
Acq: 16 Jul 2018 18:35

Instrument :  
BNA\_G  
ClientSampleId :  
SB-3-A

Tgt Ion:252 Resp: 67  
Ion Ratio Lower Upper  
252 100  
253 84.2 17.4 26.2#  
125 0.0 6.6 9.8#

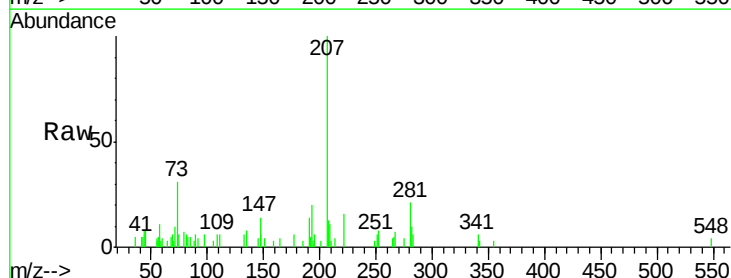


Abundance Ion 252.00 (251.70 to 252.70): E  
Ion 253.00 (252.70 to 253.70): E  
Ion 125.00 (124.70 to 125.70): E

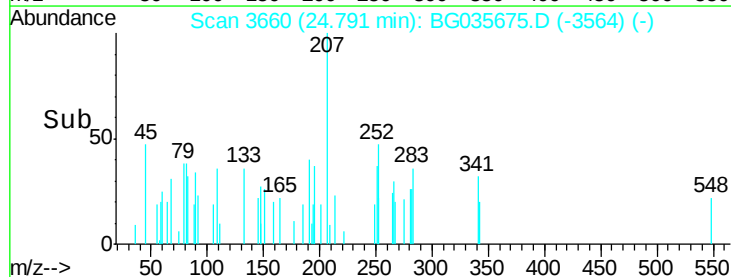
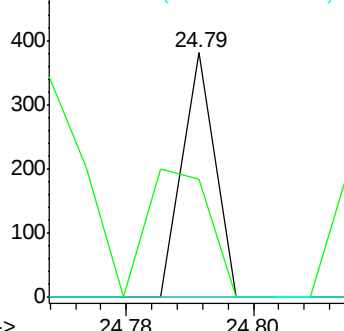


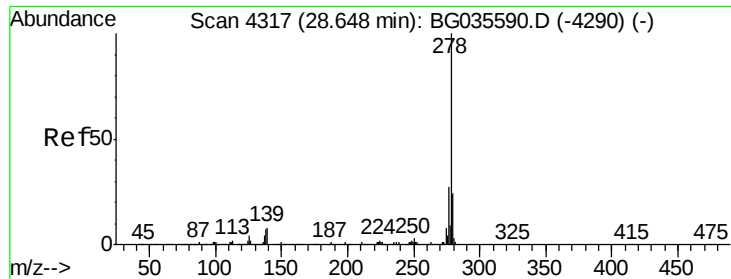
#89  
Benzo(a)pyrene  
Concen: 0.008 ng  
RT: 24.79 min Scan# 3660  
Delta R.T. 0.03 min  
Lab File: BG035675.D  
Acq: 16 Jul 2018 18:35

Tgt Ion:252 Resp: 135  
Ion Ratio Lower Upper  
252 100  
253 47.9 18.3 27.5#  
125 0.0 7.3 10.9#



Abundance Ion 252.00 (251.70 to 252.70): E  
Ion 253.00 (252.70 to 253.70): E  
Ion 125.00 (124.70 to 125.70): E





#90

Dibenzo(a,h)anthracene

Concen: 0.003 ng

RT: 28.58 min Scan# 4305

Delta R.T. -0.07 min

Lab File: BG035675.D

Acq: 16 Jul 2018 18:35

Instrument :

BNA\_G

ClientSampleId :

SB-3-A

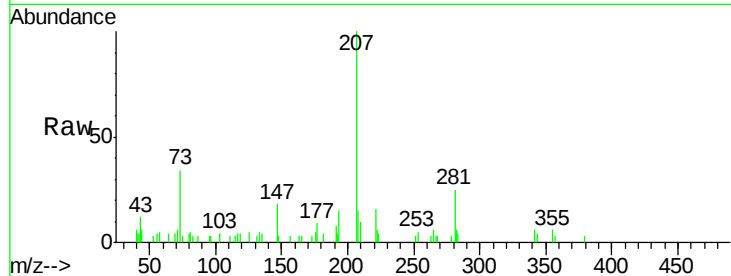
Tgt Ion:278 Resp: 54

Ion Ratio Lower Upper

278 100

139 0.0 9.8 14.6#

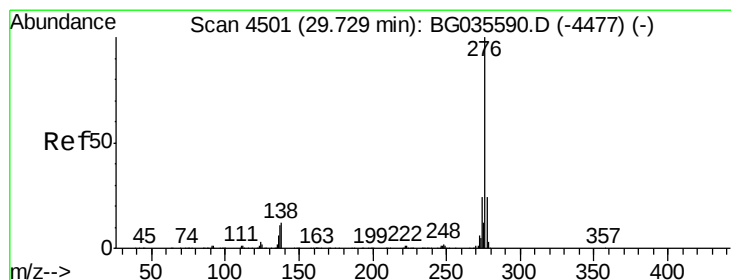
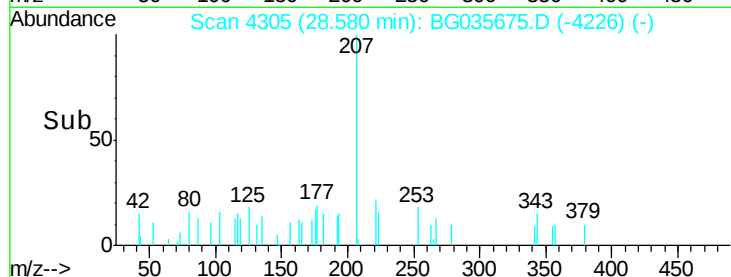
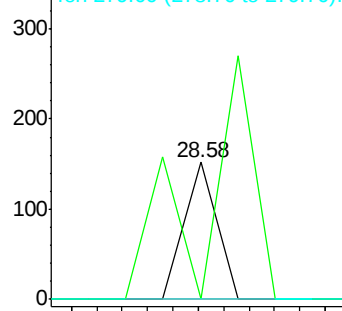
279 0.0 18.4 27.6#



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 0.003 ng

RT: 29.33 min Scan# 4433

Delta R.T. -0.40 min

Lab File: BG035675.D

Acq: 16 Jul 2018 18:35

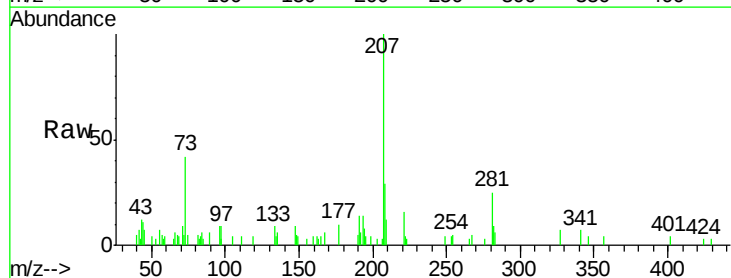
Tgt Ion:276 Resp: 55

Ion Ratio Lower Upper

276 100

277 0.0 18.3 27.5#

138 0.0 13.9 20.9#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

