

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080216\  
 Data File : BG023414.D  
 Acq On : 3 Aug 2016 3:02  
 Operator : UM/SJ  
 Sample : H4288-10MSD  
 Misc :  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SB-65-14.0-15.0MSD

Quant Time: Aug 03 03:47:15 2016  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG080116.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Aug 01 19:22:14 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.13  | 152  | 113510   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.95 | 136  | 568608   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 14.79 | 164  | 457460   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 17.55 | 188  | 1143343  | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 21.86 | 240  | 949321   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 25.24 | 264  | 966925   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |         |        |    |      |
|--------------------------|-------|-----|---------|--------|----|------|
| 5) 2-Fluorophenol        | 5.66  | 112 | 1140718 | 169.16 | ng | 0.00 |
| 7) Phenol-d6             | 7.28  | 99  | 1808302 | 172.17 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 9.30  | 82  | 1197222 | 104.68 | ng | 0.00 |
| 41) 2,4,6-Tribromophenol | 16.28 | 330 | 1079584 | 161.34 | ng | 0.00 |
| 44) 2-Fluorobiphenyl     | 13.40 | 172 | 2324856 | 85.72  | ng | 0.00 |
| 78) Terphenyl-d14        | 20.16 | 244 | 3038014 | 104.55 | ng | 0.00 |

## Target Compounds

|                                |       |     |          |       |    | Qvalue |
|--------------------------------|-------|-----|----------|-------|----|--------|
| 2) 1,4-Dioxane                 | 3.52  | 88  | 96799    | 33.69 | ng | # 89   |
| 3) Pyridine                    | 3.93  | 79  | 333228   | 35.29 | ng | 94     |
| 4) n-Nitrosodimethylamine      | 3.84  | 42  | 168577   | 48.16 | ng | # 75   |
| 6) Aniline                     | 7.44  | 93  | 764217   | 50.36 | ng | 95     |
| 8) 2-Chlorophenol              | 7.68  | 128 | 446968   | 57.70 | ng | 99     |
| 9) Benzaldehyde                | 7.25  | 77  | 258135   | 44.47 | ng | 92     |
| 10) Phenol                     | 7.31  | 94  | 708479   | 63.05 | ng | 83     |
| 11) bis(2-Chloroethyl)ether    | 7.53  | 93  | 441710   | 49.28 | ng | 90     |
| 12) 1,3-Dichlorobenzene        | 8.01  | 146 | 391234m  | 44.11 | ng |        |
| 13) 1,4-Dichlorobenzene        | 8.15  | 146 | 409872   | 45.14 | ng | 94     |
| 14) 1,2-Dichlorobenzene        | 8.48  | 146 | 405137   | 45.49 | ng | 95     |
| 15) Benzyl Alcohol             | 8.36  | 79  | 561367   | 70.54 | ng | 93     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.65  | 45  | 620728   | 47.09 | ng | 90     |
| 17) 2-Methylphenol             | 8.57  | 107 | 469698   | 62.35 | ng | # 89   |
| 18) Hexachloroethane           | 9.21  | 117 | 149685   | 43.80 | ng | 92     |
| 19) n-Nitroso-di-n-propylamine | 8.93  | 70  | 488429   | 54.06 | ng | 94     |
| 20) 3+4-Methylphenols          | 8.90  | 107 | 673619   | 63.43 | ng | 93     |
| 22) Acetophenone               | 8.95  | 105 | 709104   | 45.55 | ng | # 89   |
| 24) Nitrobenzene               | 9.34  | 77  | 684657   | 54.06 | ng | 93     |
| 25) Isophorone                 | 9.86  | 82  | 1319443  | 55.38 | ng | # 94   |
| 26) 2-Nitrophenol              | 10.06 | 139 | 292022   | 54.63 | ng | # 78   |
| 27) 2,4-Dimethylphenol         | 10.12 | 122 | 536813   | 58.98 | ng | 86     |
| 28) bis(2-Chloroethoxy)methane | 10.35 | 93  | 742527   | 51.85 | ng | 97     |
| 29) 2,4-Dichlorophenol         | 10.60 | 162 | 560061   | 61.20 | ng | 98     |
| 30) 1,2,4-Trichlorobenzene     | 10.81 | 180 | 479705   | 48.60 | ng | 98     |
| 31) Naphthalene                | 11.00 | 128 | 1414885  | 48.87 | ng | 98     |
| 32) Benzoic acid               | 10.22 | 122 | 105453   | 17.34 | ng | 94     |
| 33) 4-Chloroaniline            | 11.12 | 127 | 539803   | 39.00 | ng | 94     |
| 34) Hexachlorobutadiene        | 11.28 | 225 | 300605   | 46.31 | ng | 94     |
| 35) Caprolactam                | 11.91 | 113 | 237662m  | 61.72 | ng |        |
| 36) 4-Chloro-3-methylphenol    | 12.24 | 107 | 717881   | 59.70 | ng | 94     |
| 37) 2-Methylnaphthalene        | 12.61 | 142 | 1125214m | 51.11 | ng |        |
| 39) 1,2,4,5-Tetrachlorobenzene | 12.97 | 216 | 576722   | 34.76 | ng | 100    |
| 40) Hexachlorocyclopentadiene  | 12.95 | 237 | 749548   | 89.60 | ng | 99     |

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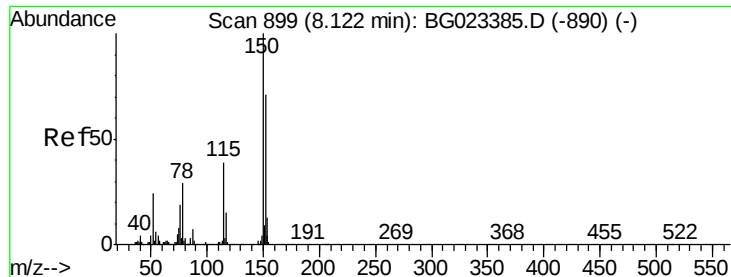
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SB-65-14.0-15.0MSD

Quant Time: Aug 03 03:47:15 2016  
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| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 13.22 | 196  | 503736   | 50.97  | nq    | 98       |
| 43) 2,4,5-Trichlorophenol      | 13.29 | 196  | 549529   | 54.02  | nq    | 95       |
| 45) 1,1'-Biphenyl              | 13.61 | 154  | 1414339  | 40.44  | nq    | 95       |
| 46) 2-Chloronaphthalene        | 13.66 | 162  | 1247079  | 46.10  | nq    | 95       |
| 47) 2-Nitroaniline             | 13.87 | 65   | 592953   | 52.79  | nq #  | 87       |
| 48) Acenaphthylene             | 14.51 | 152  | 1978491  | 46.27  | nq    | 95       |
| 49) Dimethylphthalate          | 14.23 | 163  | 2137167  | 60.89  | nq #  | 94       |
| 50) 2,6-Dinitrotoluene         | 14.36 | 165  | 436757   | 52.54  | nq #  | 82       |
| 51) Acenaphthene               | 14.85 | 154  | 1287655  | 47.53  | nq    | 99       |
| 52) 3-Nitroaniline             | 14.70 | 138  | 417180   | 44.51  | nq    | 81       |
| 53) 2,4-Dinitrophenol          | 14.90 | 184  | 423764   | 79.54  | nq    | 93       |
| 54) Dibenzofuran               | 15.19 | 168  | 2020387  | 51.37  | nq    | 99       |
| 55) 4-Nitrophenol              | 15.02 | 139  | 709767   | 96.42  | nq #  | 84       |
| 56) 2,4-Dinitrotoluene         | 15.15 | 165  | 639920   | 54.86  | nq    | 94       |
| 57) Fluorene                   | 15.84 | 166  | 1672750  | 48.73  | nq    | 96       |
| 58) 2,3,4,6-Tetrachlorophenol  | 15.42 | 232  | 566052   | 60.64  | nq    | 95       |
| 59) Diethylphthalate           | 15.60 | 149  | 1832678  | 51.44  | nq    | 94       |
| 60) 4-Chlorophenyl-phenylether | 15.82 | 204  | 889079   | 48.95  | nq    | 98       |
| 61) 4-Nitroaniline             | 15.87 | 138  | 480553   | 48.16  | nq #  | 71       |
| 62) Azobenzene                 | 16.12 | 77   | 1949072  | 53.97  | nq    | 90       |
| 64) 4,6-Dinitro-2-methylphenol | 15.92 | 198  | 401366   | 51.63  | nq    | 93       |
| 65) n-Nitrosodiphenylamine     | 16.04 | 169  | 1617078  | 48.22  | nq    | 93       |
| 66) 4-Bromophenyl-phenylether  | 16.73 | 248  | 661790   | 49.66  | nq    | 94       |
| 67) Hexachlorobenzene          | 16.85 | 284  | 720735   | 49.44  | nq    | 93       |
| 68) Atrazine                   | 17.00 | 200  | 707739   | 54.96  | nq    | 96       |
| 69) Pentachlorophenol          | 17.20 | 266  | 879158   | 103.44 | nq    | 98       |
| 70) Phenanthrene               | 17.59 | 178  | 2641247  | 45.53  | nq #  | 91       |
| 71) Anthracene                 | 17.68 | 178  | 2674980  | 45.84  | nq #  | 90       |
| 72) Carbazole                  | 17.95 | 167  | 2513092  | 49.05  | nq    | 95       |
| 73) Di-n-butylphthalate        | 18.49 | 149  | 2781392  | 55.29  | nq #  | 95       |
| 74) Fluoranthene               | 19.60 | 202  | 2827499  | 53.44  | nq    | 91       |
| 76) Benzidine                  | 19.78 | 184  | 1888533  | 71.56  | nq    | 96       |
| 77) Pyrene                     | 19.96 | 202  | 2769534  | 53.10  | nq    | 94       |
| 79) Butylbenzylphthalate       | 20.84 | 149  | 1154799  | 50.52  | nq    | 98       |
| 80) Benzo(a)anthracene         | 21.84 | 228  | 2446536  | 46.69  | nq    | 97       |
| 81) 3,3'-Dichlorobenzidine     | 21.75 | 252  | 787058   | 36.62  | nq #  | 99       |
| 82) Chrysene                   | 21.91 | 228  | 2324953  | 46.63  | nq    | 96       |
| 83) Bis(2-ethylhexyl)phthalate | 21.72 | 149  | 1503287  | 48.02  | nq    | 98       |
| 84) Di-n-octyl phthalate       | 22.99 | 149  | 2568113  | 48.07  | nq    | 99       |
| 85) Indeno(1,2,3-cd)pyrene     | 29.10 | 276  | 3210587  | 51.54  | nq #  | 100      |
| 87) Benzo(b)fluoranthene       | 24.16 | 252  | 2660581  | 48.90  | nq #  | 95       |
| 88) Benzo(k)fluoranthene       | 24.23 | 252  | 2531286  | 48.44  | nq #  | 95       |
| 89) Benzo(a)pyrene             | 25.08 | 252  | 2586114  | 49.98  | nq #  | 96       |
| 90) Dibenzo(a,h)anthracene     | 29.17 | 278  | 2650705  | 50.15  | nq #  | 92       |
| 91) Benzo(g,h,i)perylene       | 30.32 | 276  | 2648036  | 49.75  | nq #  | 91       |

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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.13 min Scan# 900

Delta R.T. 0.00 min

Lab File: BG023414.D

Acq: 3 Aug 2016 3:02

Instrument :

BNA\_G

ClientSampleId :

SB-65-14.0-15.0MSD

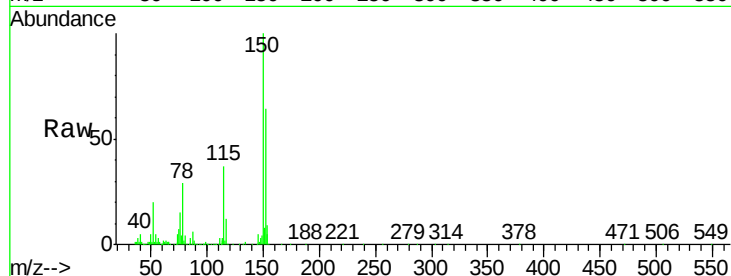
Tot Ion:152 Resp: 113510

Ion Ratio Lower Upper

152 100

150 156.8 144.7 217.1

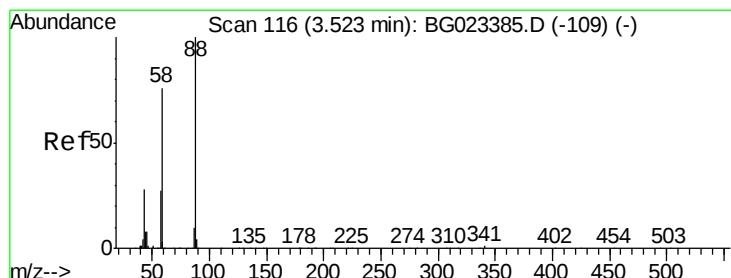
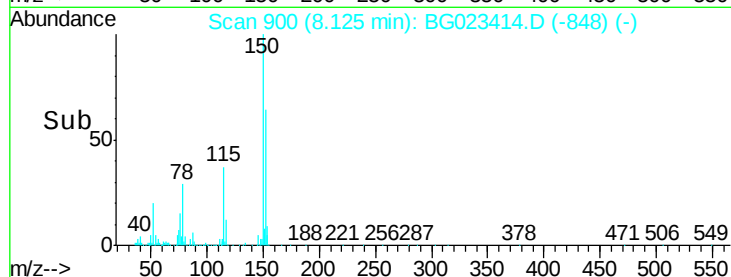
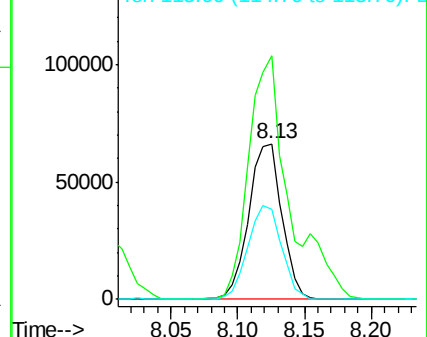
115 57.9 64.0 96.0#



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: 33.69 ng

RT: 3.52 min Scan# 116

Delta R.T. -0.00 min

Lab File: BG023414.D

Acq: 3 Aug 2016 3:02

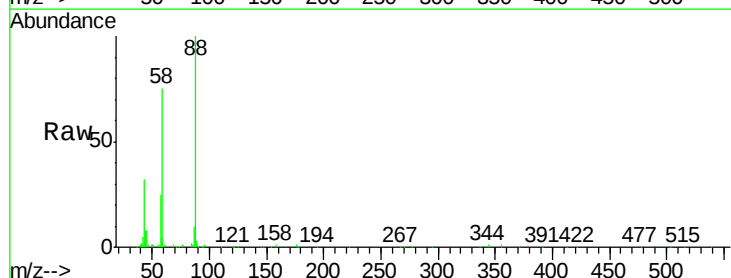
Tgt Ion: 88 Resp: 96799

Ion Ratio Lower Upper

88 100

58 82.6 60.4 90.6

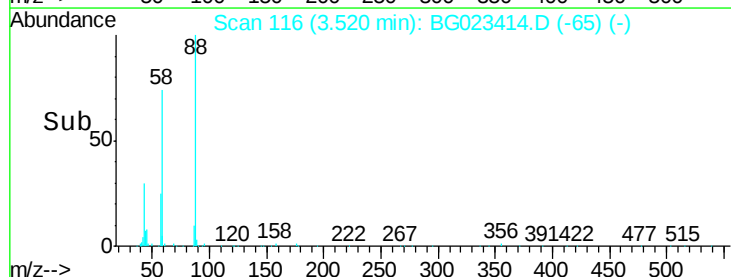
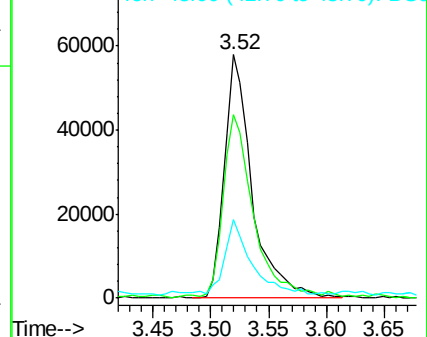
43 29.1 31.1 46.7#

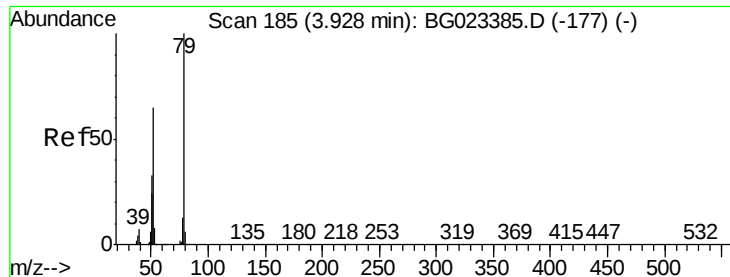


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 35.29 ng

RT: 3.93 min Scan# 186

Delta R.T. 0.00 min

Lab File: BG023414.D

Acq: 3 Aug 2016 3:02

Instrument :

BNA\_G

ClientSampleId :

SB-65-14.0-15.0MSD

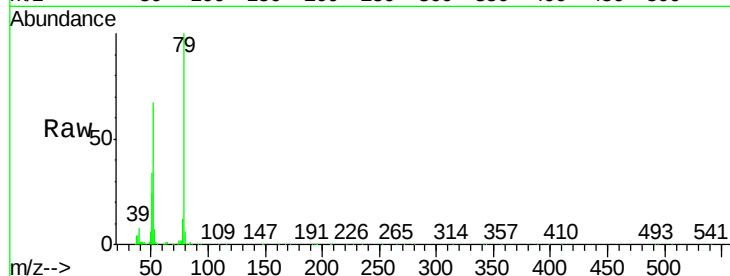
Tot Ion: 79 Resp: 333228

Ion Ratio Lower Upper

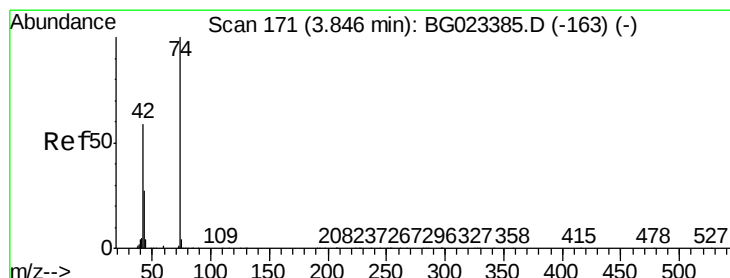
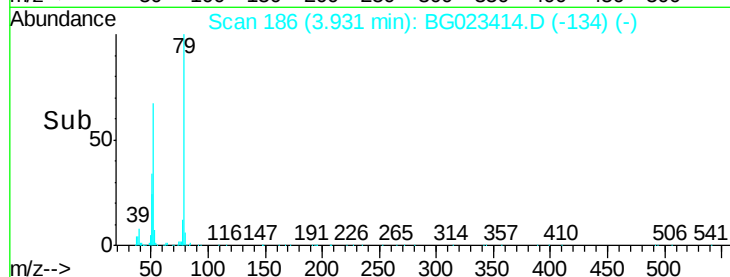
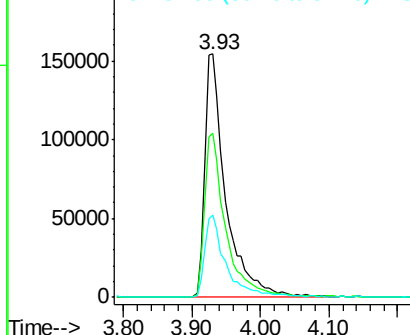
79 100

52 67.3 51.8 77.8

51 34.0 32.7 49.1



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: 48.16 ng

RT: 3.84 min Scan# 171

Delta R.T. -0.00 min

Lab File: BG023414.D

Acq: 3 Aug 2016 3:02

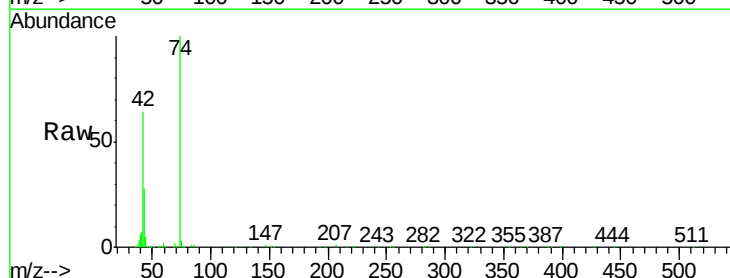
Tgt Ion: 42 Resp: 168577

Ion Ratio Lower Upper

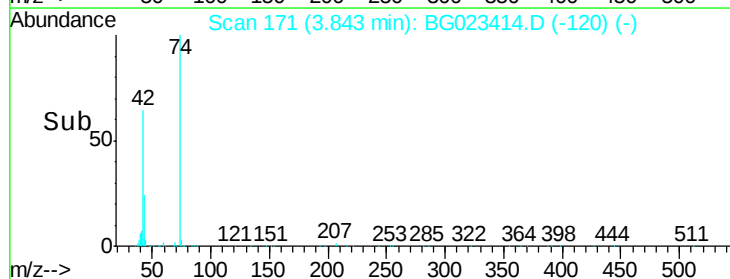
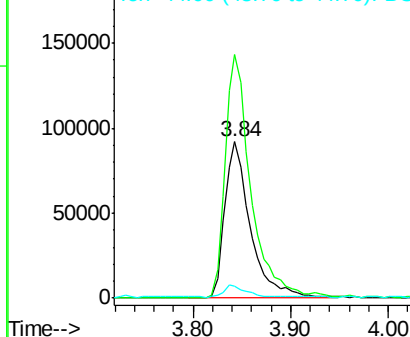
42 100

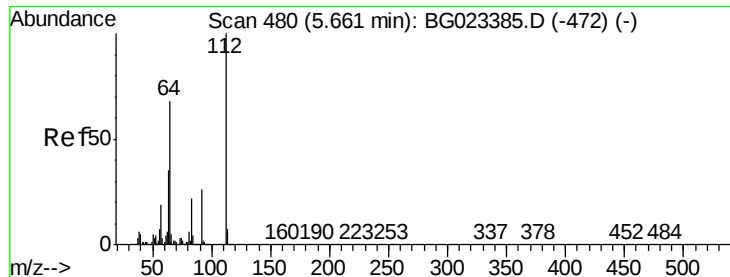
74 155.6 100.6 150.8#

44 7.6 4.5 6.7#



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: 169.16 ng

RT: 5.66 min Scan# 481

Delta R.T. 0.00 min

Lab File: BG023414.D

Acq: 3 Aug 2016 3:02

Instrument :

BNA\_G

ClientSampleId :

SB-65-14.0-15.0MSD

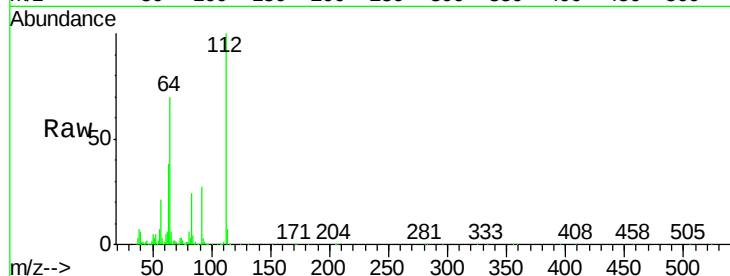
Tot Ion:112 Resp: 1140718

Ion Ratio Lower Upper

112 100

64 70.1 59.0 88.4

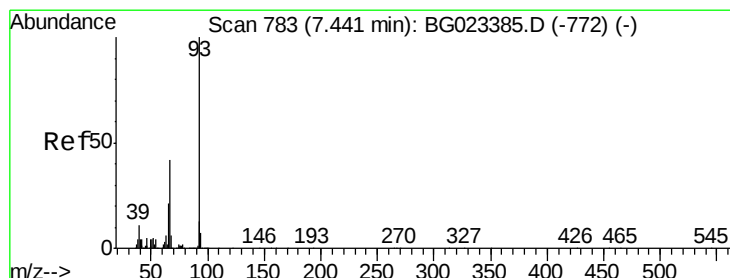
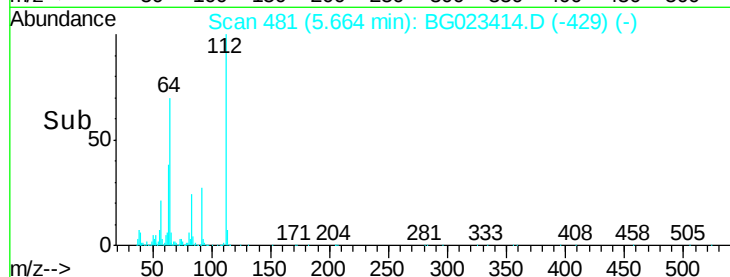
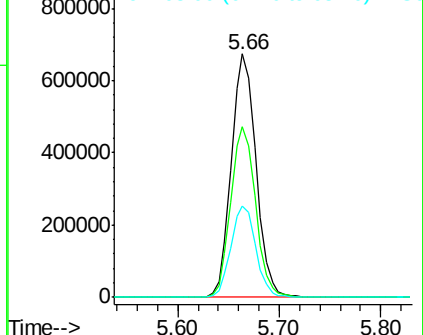
63 37.6 37.8 56.8#



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: 50.36 ng

RT: 7.44 min Scan# 784

Delta R.T. 0.00 min

Lab File: BG023414.D

Acq: 3 Aug 2016 3:02

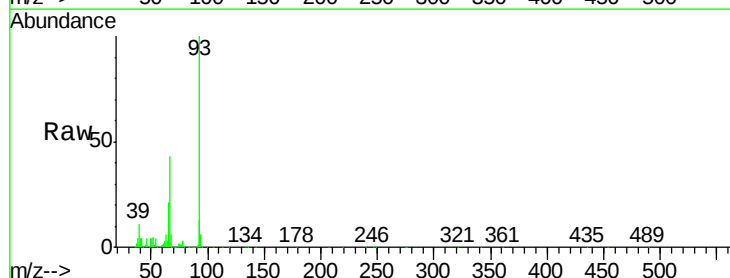
Tgt Ion: 93 Resp: 764217

Ion Ratio Lower Upper

93 100

66 43.1 37.5 56.3

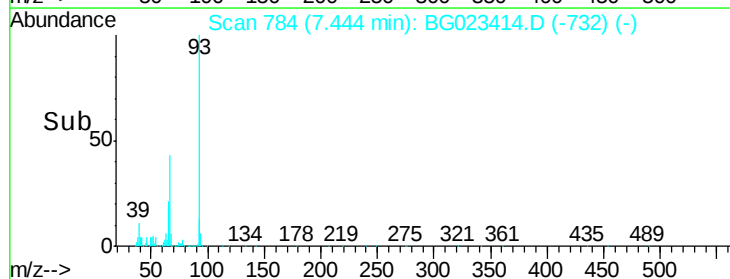
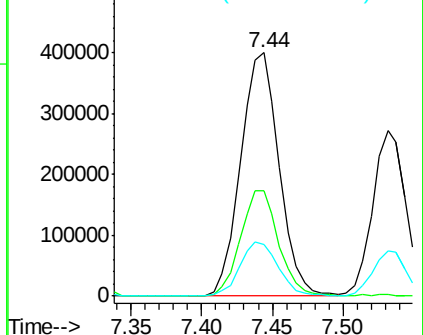
65 21.0 17.9 26.9

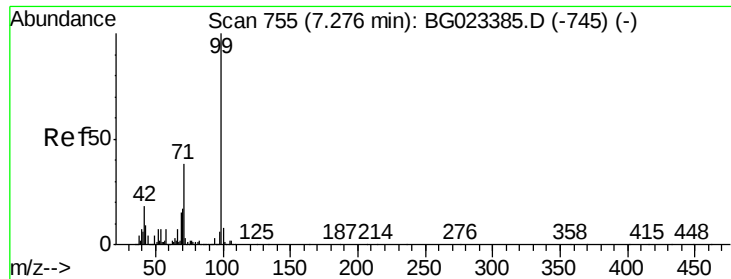


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 172.17 ng

RT: 7.28 min Scan# 756

Delta R.T. 0.00 min

Lab File: BG023414.D

Acq: 3 Aug 2016 3:02

Instrument :

BNA\_G

ClientSampleId :

SB-65-14.0-15.0MSD

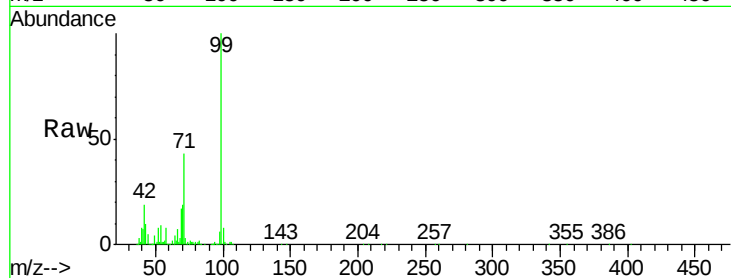
Tot Ion: 99 Resp: 1808302

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 18.6  | 17.8  | 26.6  |
| 71  | 42.8  | 41.5  | 62.3  |

99 100

42 18.6 17.8 26.6

71 42.8 41.5 62.3

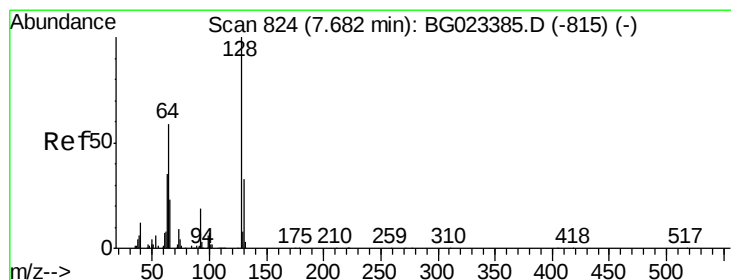
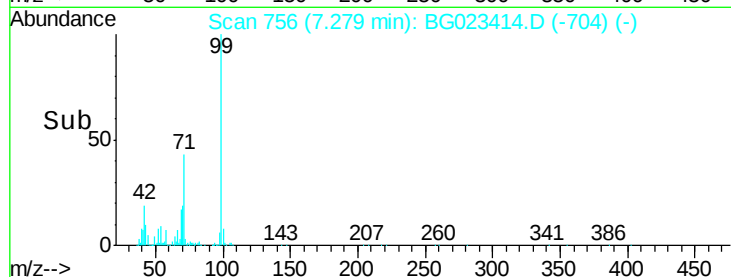
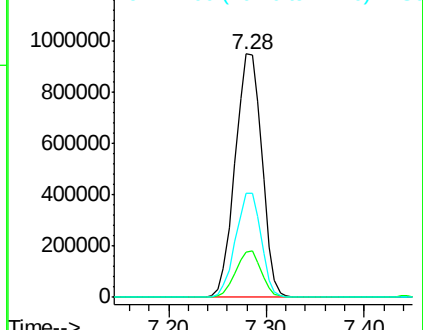


Abundance

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: 57.70 ng

RT: 7.68 min Scan# 825

Delta R.T. 0.00 min

Lab File: BG023414.D

Acq: 3 Aug 2016 3:02

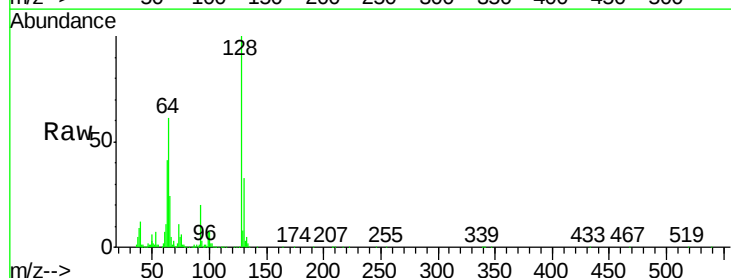
Tgt Ion: 128 Resp: 446968

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100   |       |       |
| 130 | 33.2  | 12.9  | 52.9  |
| 64  | 61.1  | 42.0  | 82.0  |

128 100

130 33.2 12.9 52.9

64 61.1 42.0 82.0

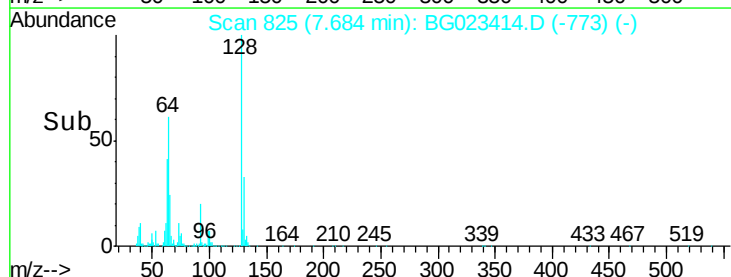
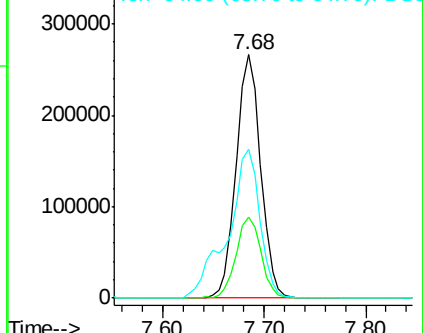


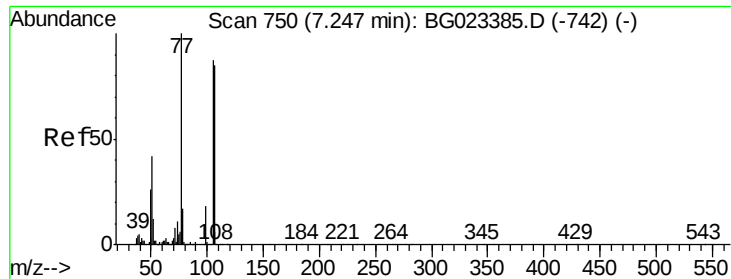
Abundance

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: 44.47 ng

RT: 7.25 min Scan# 751

Delta R.T. 0.00 min

Lab File: BG023414.D

Acq: 3 Aug 2016 3:02

Instrument :

BNA\_G

ClientSampleId :

SB-65-14.0-15.0MSD

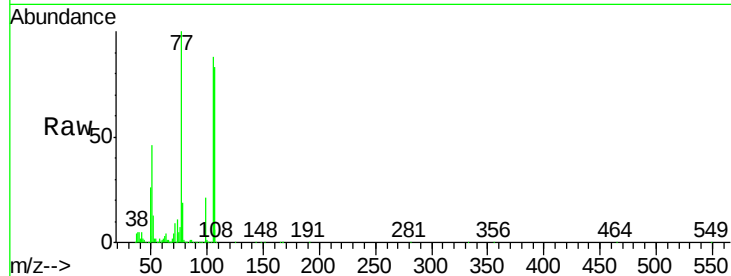
Tot Ion: 77 Resp: 258135

Ion Ratio Lower Upper

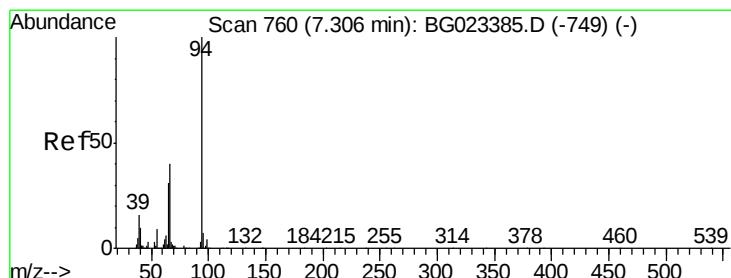
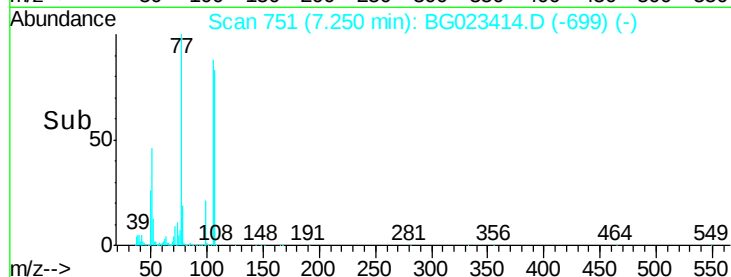
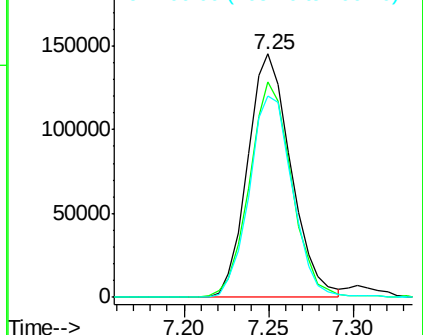
77 100

105 88.4 58.7 98.7

106 82.6 67.5 107.5



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: 63.05 ng

RT: 7.31 min Scan# 761

Delta R.T. 0.00 min

Lab File: BG023414.D

Acq: 3 Aug 2016 3:02

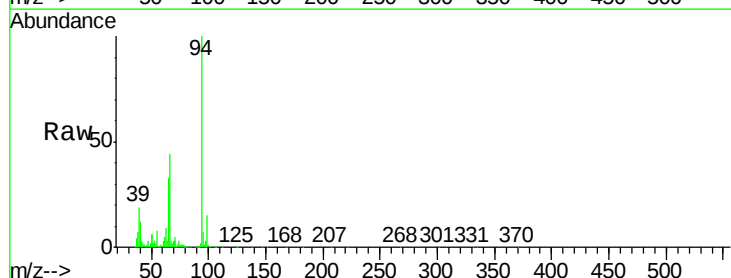
Tgt Ion: 94 Resp: 708479

Ion Ratio Lower Upper

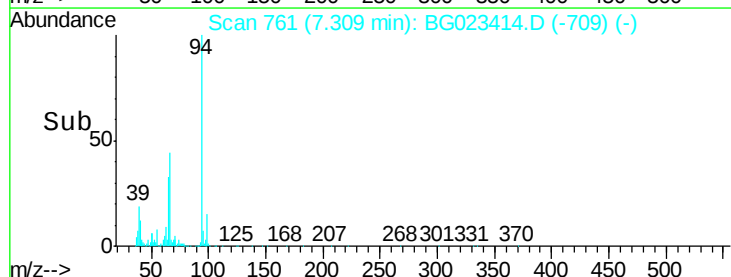
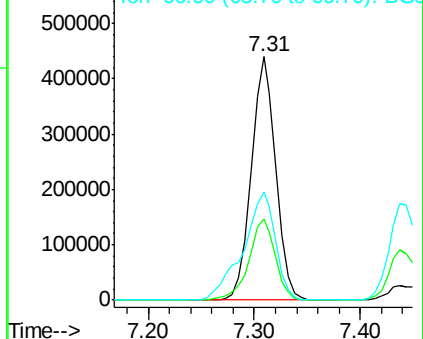
94 100

65 33.1 18.1 58.1

66 44.5 42.1 82.1



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

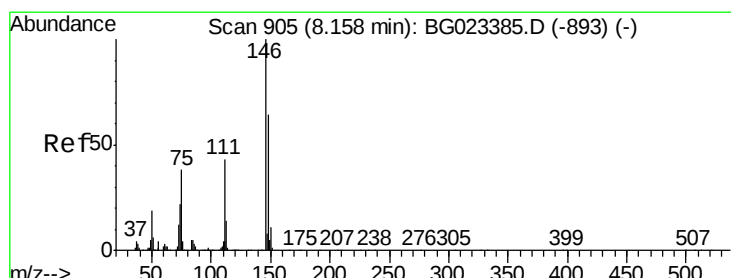
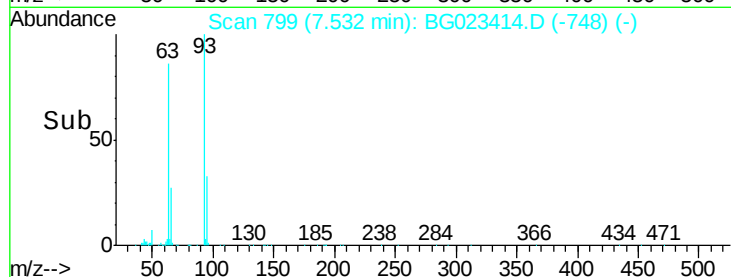
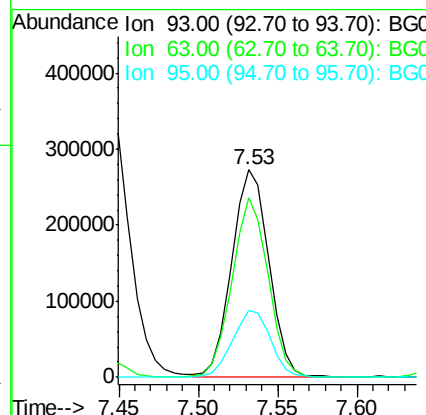
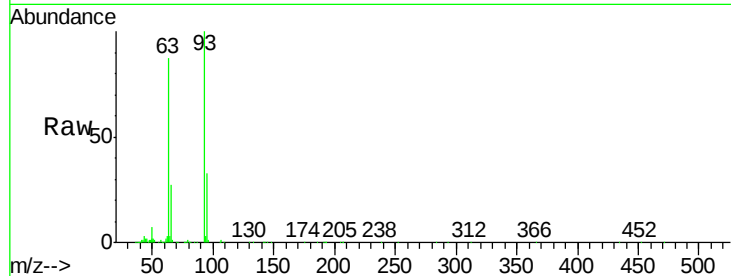




#11  
bis(2-Chloroethyl)ether  
Concen: 49.28 ng  
RT: 7.53 min Scan# 799  
Delta R.T. -0.00 min  
Lab File: BG023414.D  
Acq: 3 Aug 2016 3:02

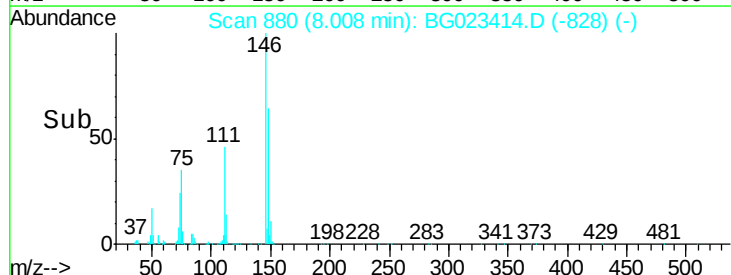
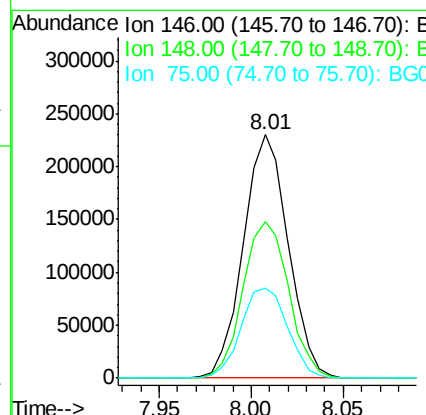
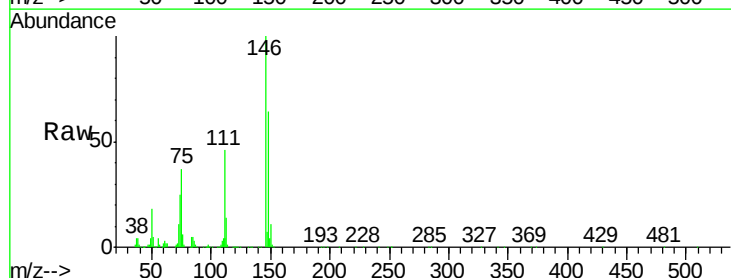
Instrument :  
BNA\_G  
ClientSampleId :  
SB-65-14.0-15.0MSD

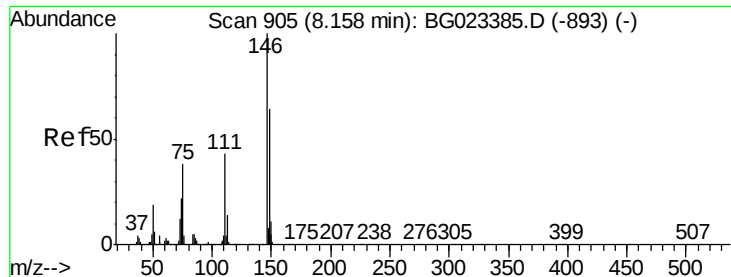
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 63      | 86.6  | 55.0  | 95.0  |
| 95      | 32.6  | 11.0  | 51.0  |



#12  
1,3-Dichlorobenzene  
Concen: 44.11 ng m  
RT: 8.01 min Scan# 880  
Delta R.T. 0.00 min  
Lab File: BG023414.D  
Acq: 3 Aug 2016 3:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 64.3  | 50.3  | 75.5  |
| 75      | 36.9  | 37.0  | 55.6# |

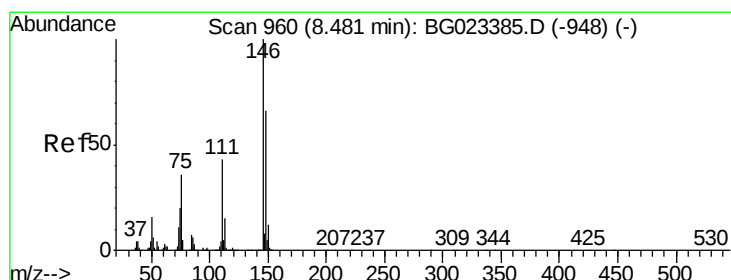
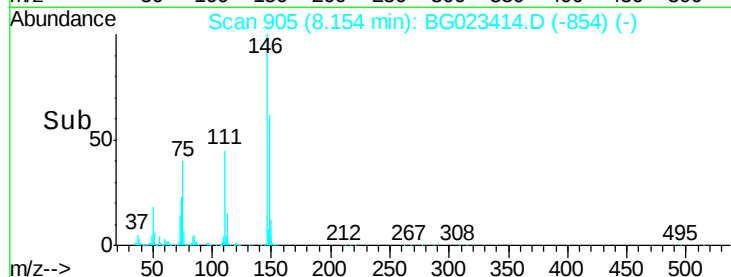
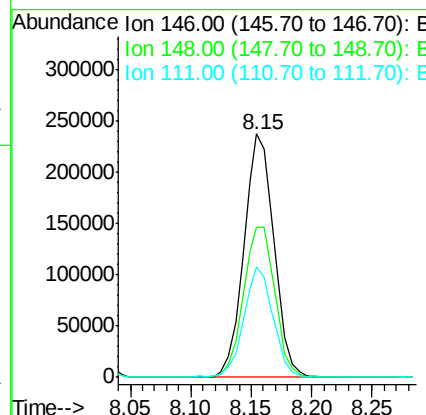
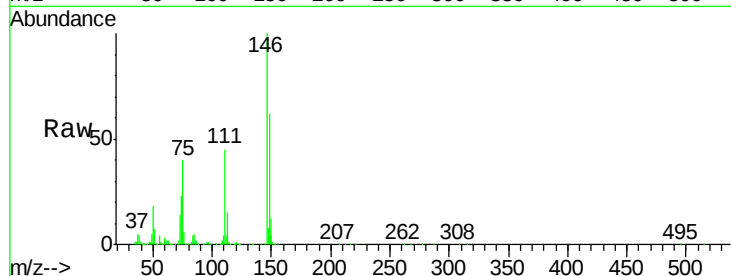




#13  
1,4-Dichlorobenzene  
Concen: 45.14 ng  
RT: 8.15 min Scan# 905  
Delta R.T. -0.00 min  
Lab File: BG023414.D  
Acq: 3 Aug 2016 3:02

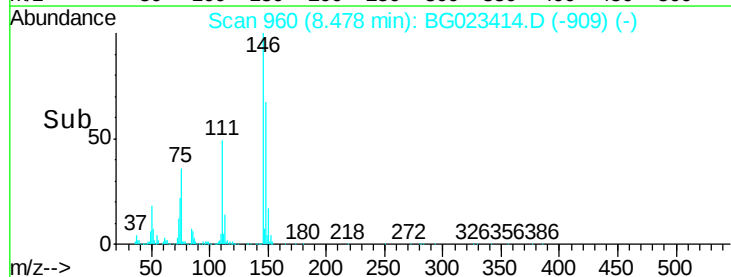
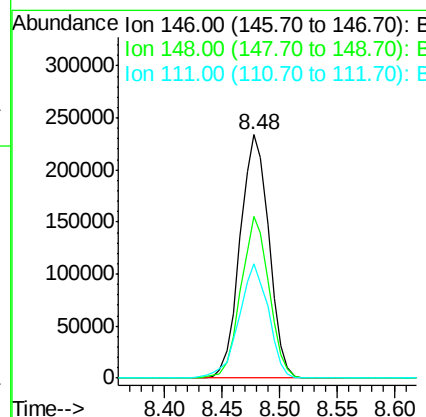
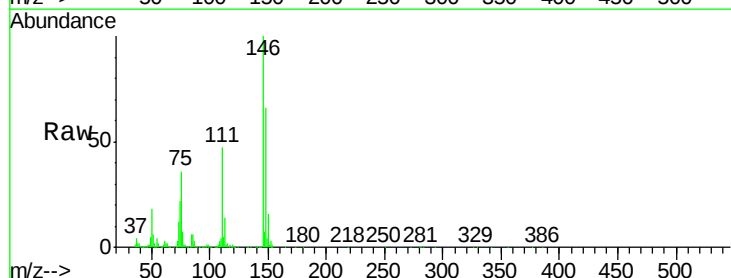
Instrument :  
BNA\_G  
ClientSampleId :  
SB-65-14.0-15.0MSD

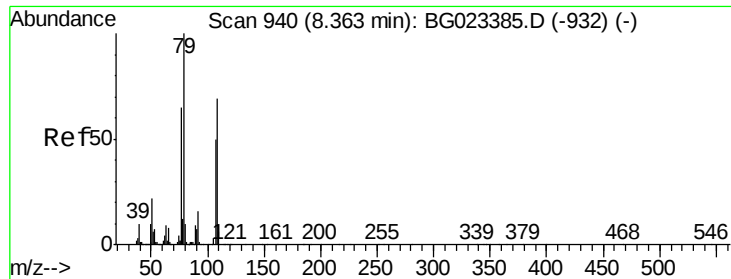
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 61.8  | 54.5  | 81.7  |
| 111     | 45.4  | 37.8  | 56.8  |



#14  
1,2-Dichlorobenzene  
Concen: 45.49 ng  
RT: 8.48 min Scan# 960  
Delta R.T. -0.00 min  
Lab File: BG023414.D  
Acq: 3 Aug 2016 3:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 66.2  | 52.9  | 79.3  |
| 111     | 47.1  | 43.5  | 65.3  |





#15

Benzyl Alcohol

Concen: 70.54 ng

RT: 8.36 min Scan# 940

Delta R.T. -0.00 min

Lab File: BG023414.D

Acq: 3 Aug 2016 3:02

Instrument :

BNA\_G

ClientSampleId :

SB-65-14.0-15.0MSD

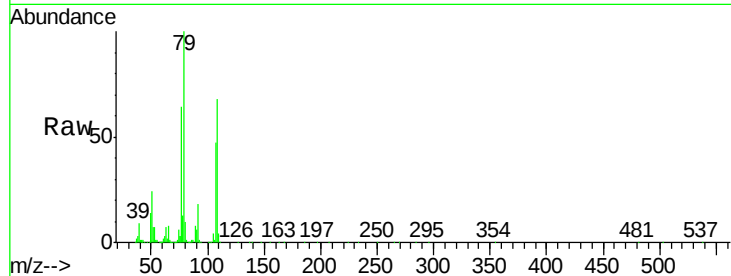
Tot Ion: 79 Resp: 561367

Ion Ratio Lower Upper

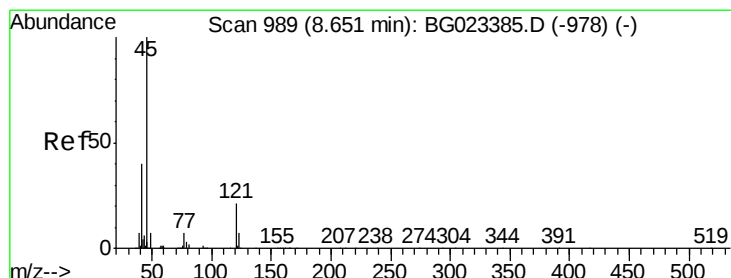
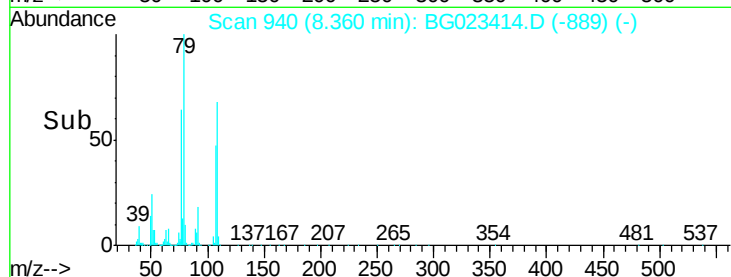
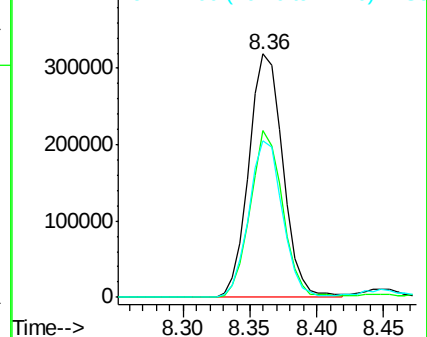
79 100

108 68.3 46.5 69.7

77 64.3 52.3 78.5



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: 47.09 ng

RT: 8.65 min Scan# 990

Delta R.T. 0.00 min

Lab File: BG023414.D

Acq: 3 Aug 2016 3:02

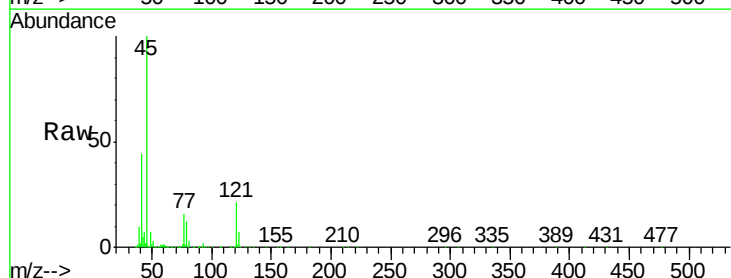
Tgt Ion: 45 Resp: 620728

Ion Ratio Lower Upper

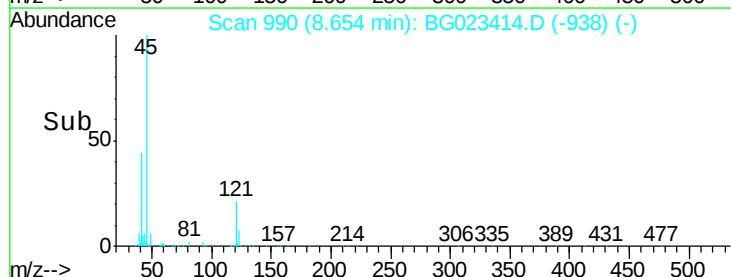
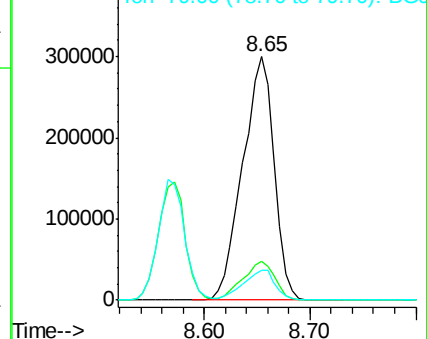
45 100

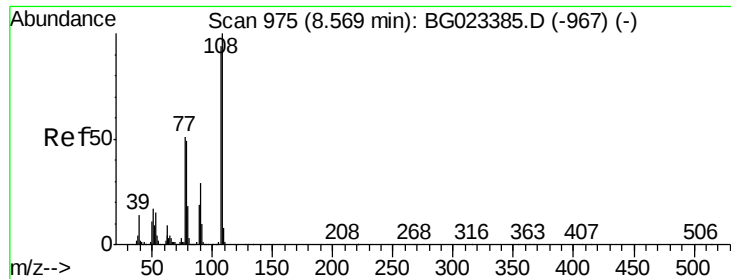
77 15.8 0.6 40.6

79 12.0 0.0 36.2



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: 62.35 ng

RT: 8.57 min Scan# 976

Delta R.T. 0.00 min

Lab File: BG023414.D

Acq: 3 Aug 2016 3:02

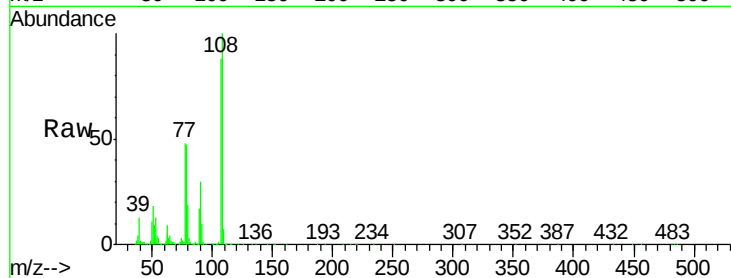
Instrument :

BNA\_G

ClientSampleId :

SB-65-14.0-15.0MSD

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 107   | Resp: | 469698 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 113.2 | 92.0  | 138.0  |
| 77       | 54.2  | 55.8  | 83.6#  |
| 79       | 53.2  | 55.0  | 82.6#  |

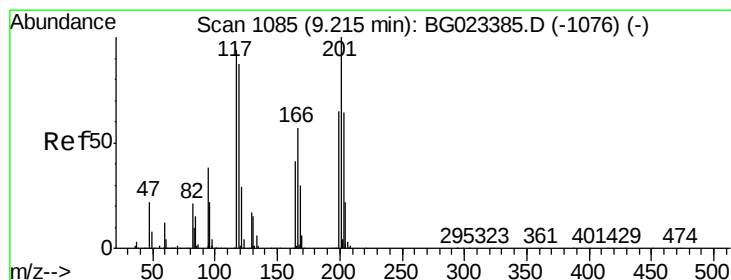
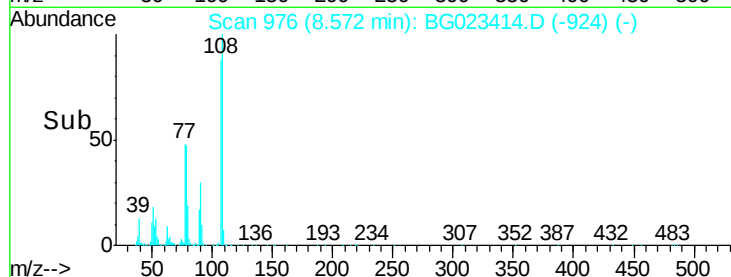
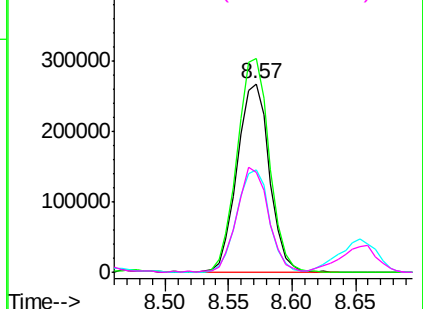


Abundance Ion 107.00 (106.70 to 107.70): E

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: 43.80 ng

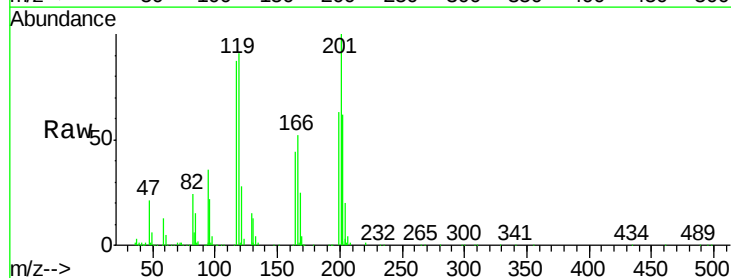
RT: 9.21 min Scan# 1085

Delta R.T. -0.00 min

Lab File: BG023414.D

Acq: 3 Aug 2016 3:02

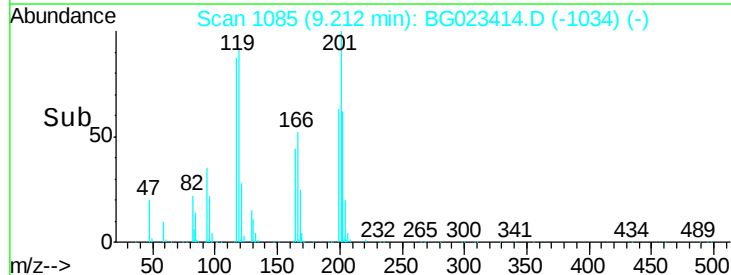
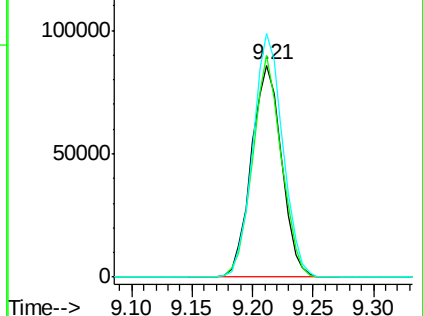
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 149685 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 104.4 | 73.7  | 110.5  |
| 201      | 114.9 | 88.7  | 133.1  |

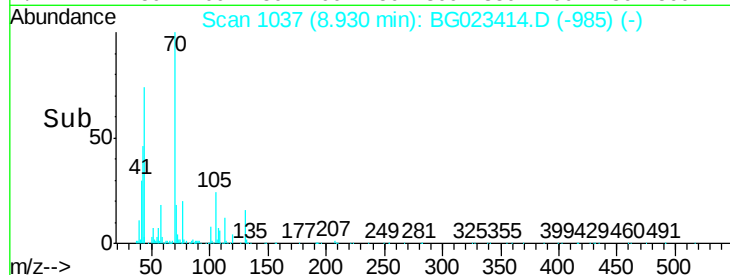
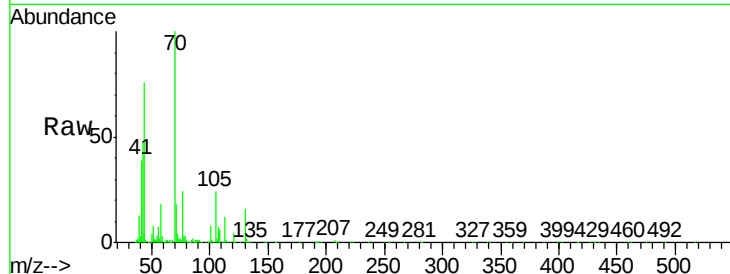
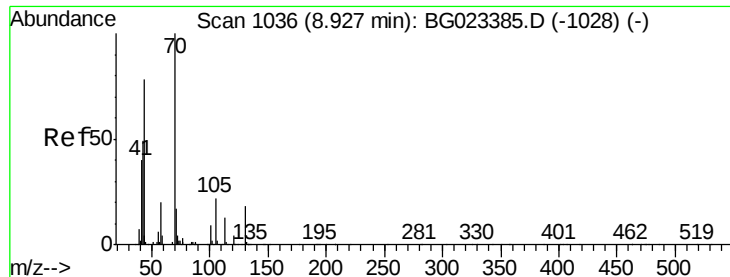


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

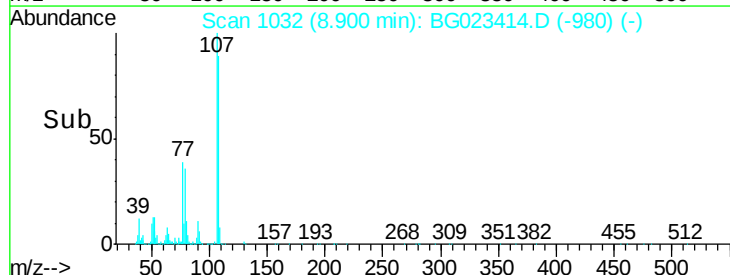
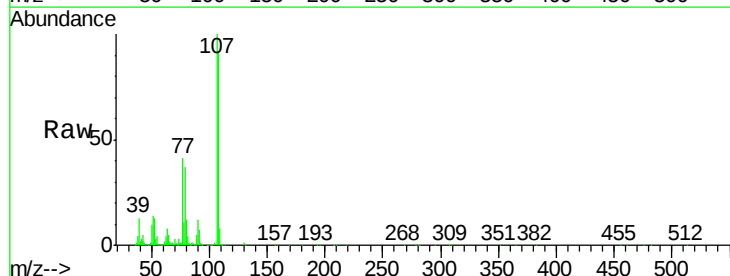
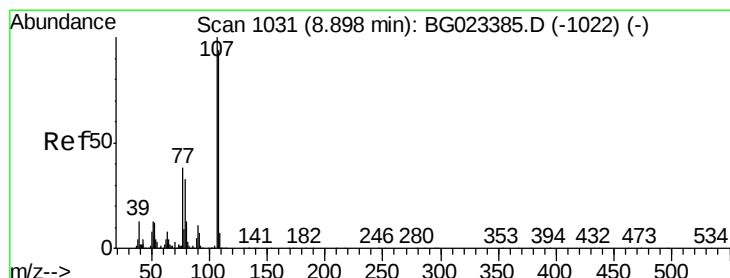
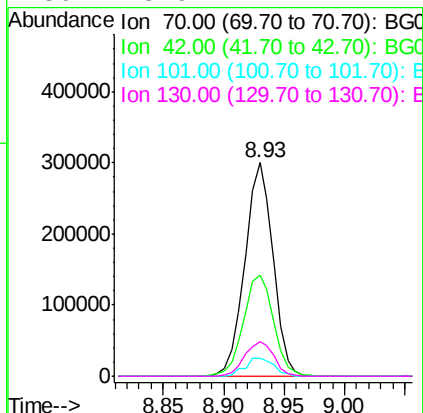




#19  
n-Nitroso-di-n-propylamine  
Concen: 54.06 ng  
RT: 8.93 min Scan# 1037  
Delta R.T. 0.00 min  
Lab File: BG023414.D  
Acq: 3 Aug 2016 3:02

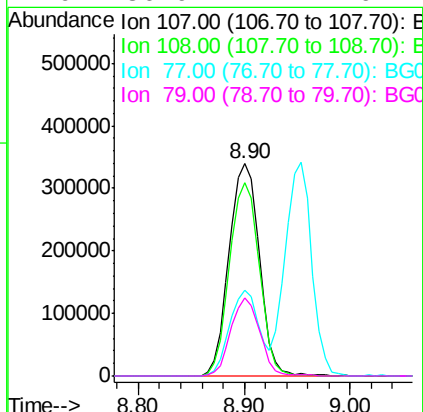
Instrument :  
BNA\_G  
ClientSampleId :  
SB-65-14.0-15.0MSD

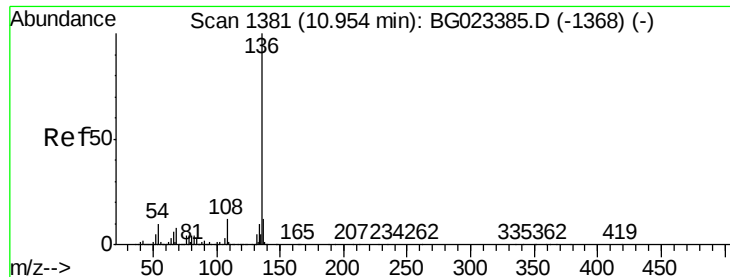
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 70    | Resp: | 488429 |
| Ion      | Ratio | Lower | Upper  |
| 70       | 100   |       |        |
| 42       | 47.3  | 42.1  | 63.1   |
| 101      | 8.2   | 7.2   | 10.8   |
| 130      | 15.9  | 14.2  | 21.2   |



#20  
3+4-Methylphenols  
Concen: 63.43 ng  
RT: 8.90 min Scan# 1032  
Delta R.T. 0.00 min  
Lab File: BG023414.D  
Acq: 3 Aug 2016 3:02

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 673619 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 90.8  | 72.5  | 112.5  |
| 77       | 40.7  | 30.1  | 70.1   |
| 79       | 36.9  | 24.2  | 64.2   |





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.95 min Scan# 1381

Delta R.T. -0.00 min

Lab File: BG023414.D

Acq: 3 Aug 2016 3:02

Instrument :

BNA\_G

ClientSampleId :

SB-65-14.0-15.0MSD

Tot Ion:136 Resp: 568608

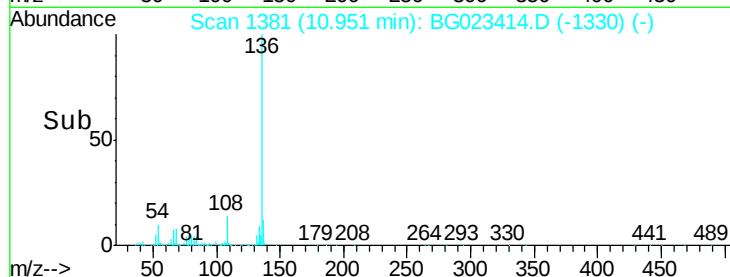
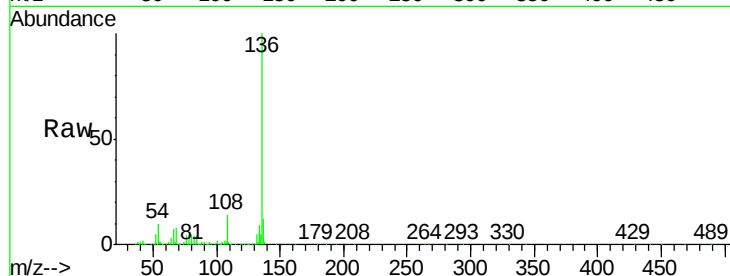
Ion Ratio Lower Upper

136 100

137 12.0 9.6 14.4

54 9.7 7.3 10.9

68 8.1 5.3 7.9#

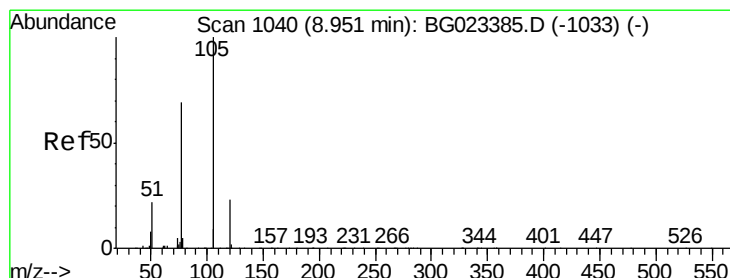
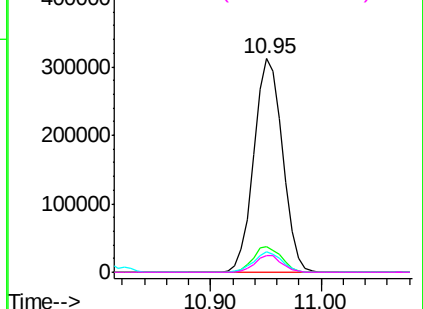


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 45.55 ng

RT: 8.95 min Scan# 1041

Delta R.T. 0.00 min

Lab File: BG023414.D

Acq: 3 Aug 2016 3:02

Tgt Ion:105 Resp: 709104

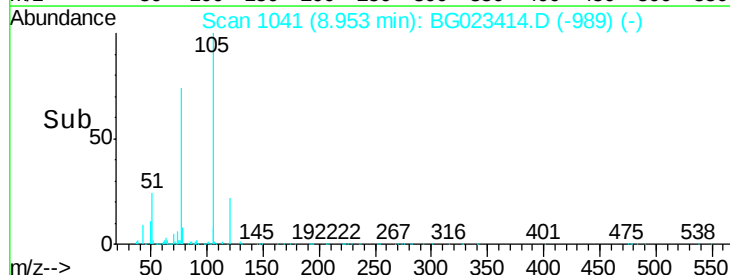
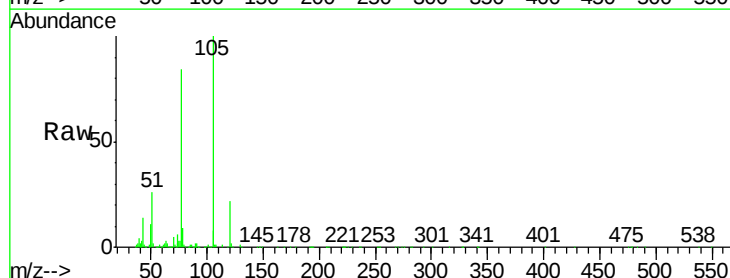
Ion Ratio Lower Upper

105 100

71 1.1 2.6 3.8#

51 26.2 27.1 40.7#

120 22.4 15.1 22.7

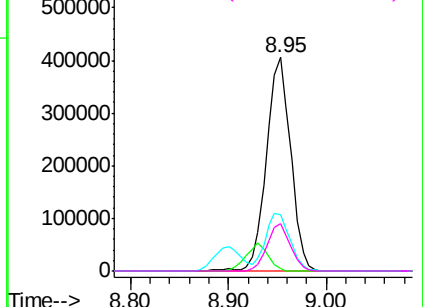


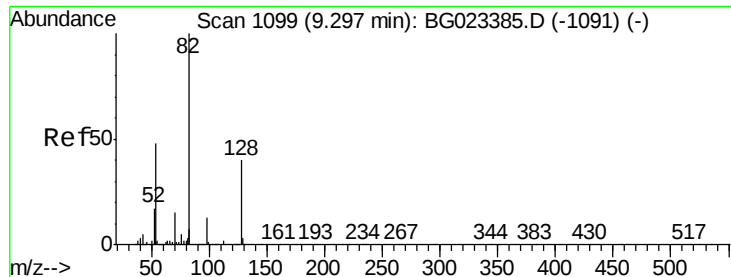
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

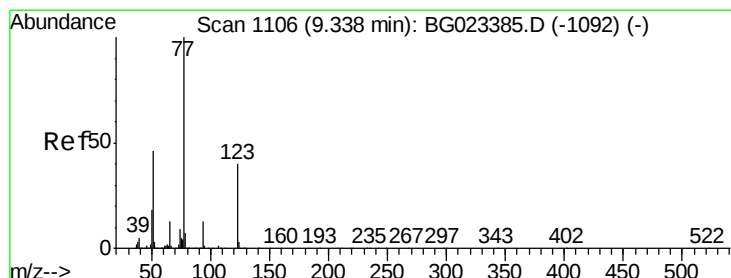
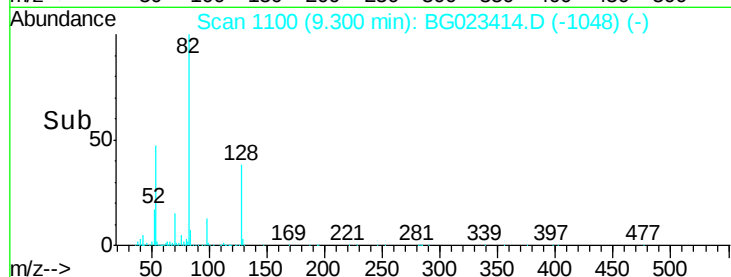
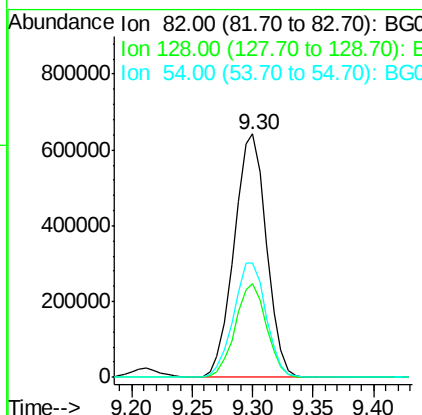
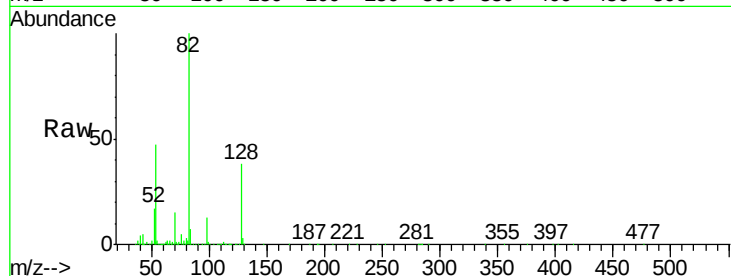




#23  
 Nitrobenzene-d5  
 Concen: 104.68 ng  
 RT: 9.30 min Scan# 1100  
 Delta R.T. 0.00 min  
 Lab File: BG023414.D  
 Acq: 3 Aug 2016 3:02

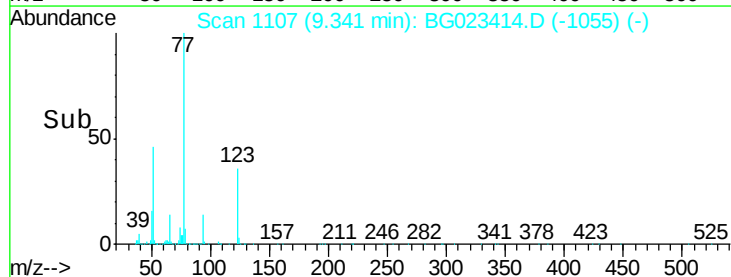
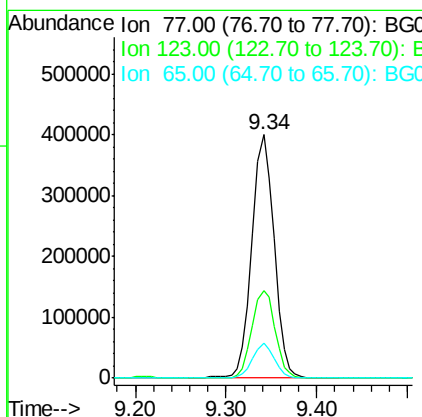
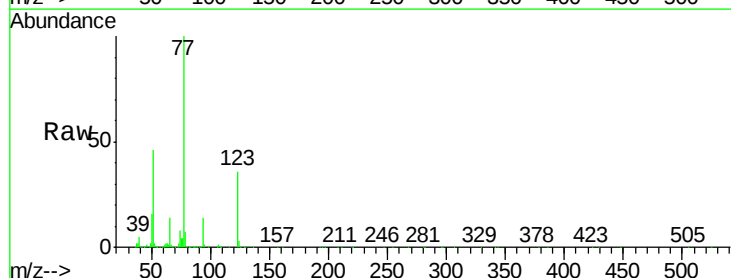
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SB-65-14.0-15.0MSD

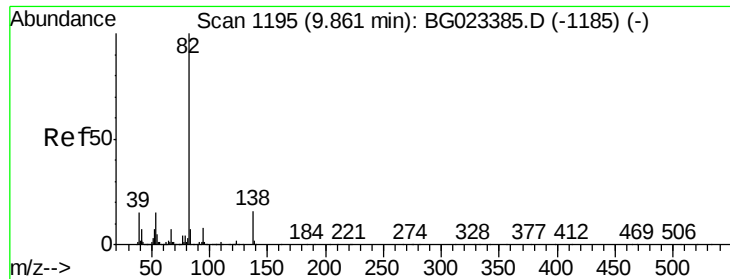
Tot Ion: 82 Resp: 1197222  
 Ion Ratio Lower Upper  
 82 100  
 128 38.4 24.4 36.6#  
 54 47.1 41.4 62.0



#24  
 Nitrobenzene  
 Concen: 54.06 ng  
 RT: 9.34 min Scan# 1107  
 Delta R.T. 0.00 min  
 Lab File: BG023414.D  
 Acq: 3 Aug 2016 3:02

Tgt Ion: 77 Resp: 684657  
 Ion Ratio Lower Upper  
 77 100  
 123 35.8 25.0 37.6  
 65 14.2 13.4 20.0





#25

Isophorone

Concen: 55.38 ng

RT: 9.86 min Scan# 1196

Delta R.T. 0.00 min

Lab File: BG023414.D

Acq: 3 Aug 2016 3:02

Instrument :

BNA\_G

ClientSampleId :

SB-65-14.0-15.0MSD

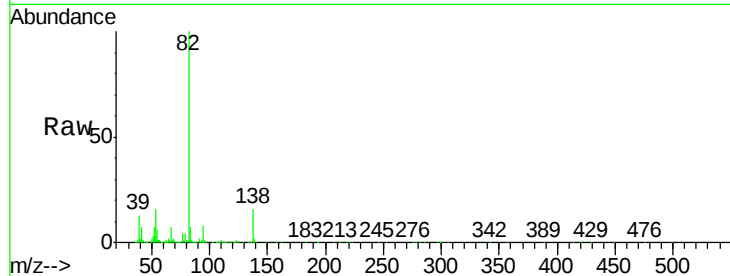
Tot Ion: 82 Resp: 1319443

Ion Ratio Lower Upper

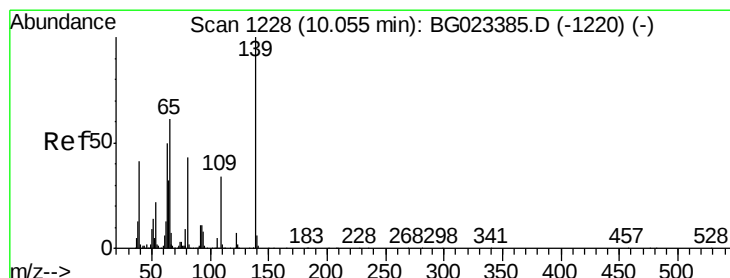
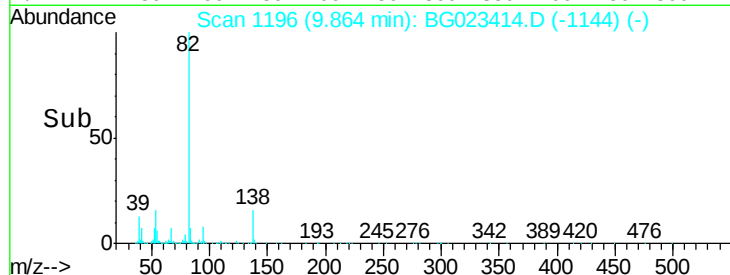
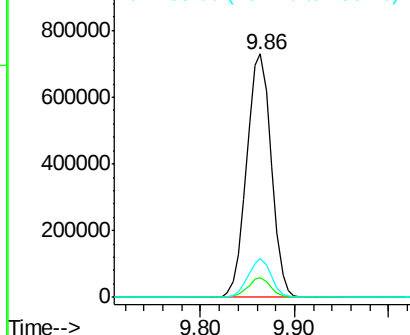
82 100

95 7.9 8.2 12.2#

138 16.0 10.7 16.1



Abundance Ion 82.00 (81.70 to 82.70): BGC  
Ion 95.00 (94.70 to 95.70): BGC  
Ion 138.00 (137.70 to 138.70): BGC



#26

2-Nitrophenol

Concen: 54.63 ng

RT: 10.06 min Scan# 1229

Delta R.T. 0.00 min

Lab File: BG023414.D

Acq: 3 Aug 2016 3:02

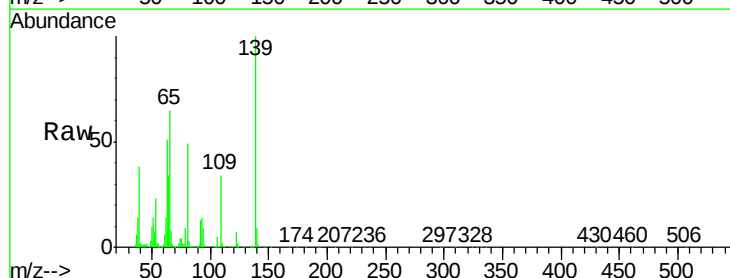
Tgt Ion: 139 Resp: 292022

Ion Ratio Lower Upper

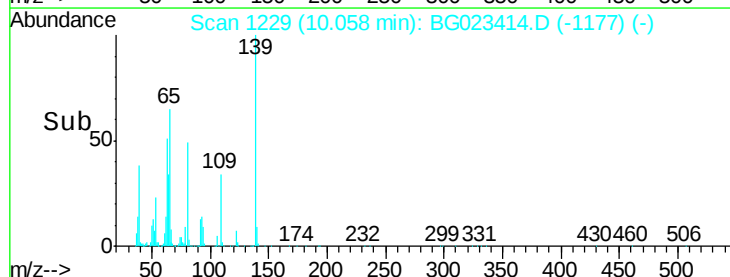
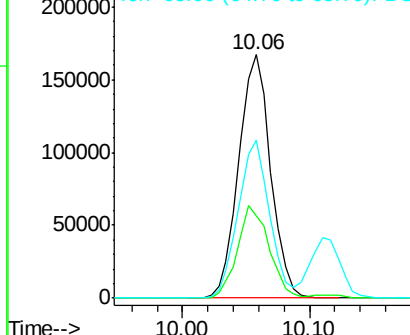
139 100

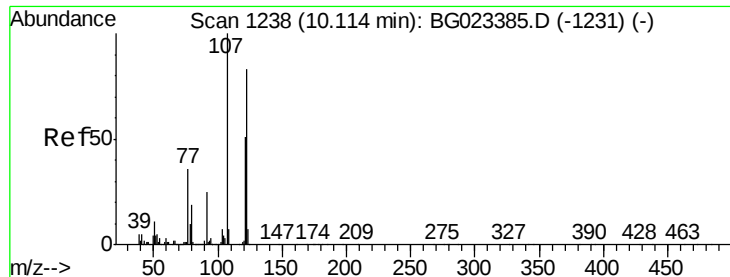
109 33.7 43.5 65.3#

65 64.6 64.3 96.5



Abundance Ion 139.00 (138.70 to 139.70): BGC  
Ion 109.00 (108.70 to 109.70): BGC  
Ion 65.00 (64.70 to 65.70): BGC





#27

2,4-Dimethylphenol

Concen: 58.98 ng

RT: 10.12 min Scan# 1239

Delta R.T. 0.00 min

Lab File: BG023414.D

Acq: 3 Aug 2016 3:02

Instrument :

BNA\_G

ClientSampleId :

SB-65-14.0-15.0MSD

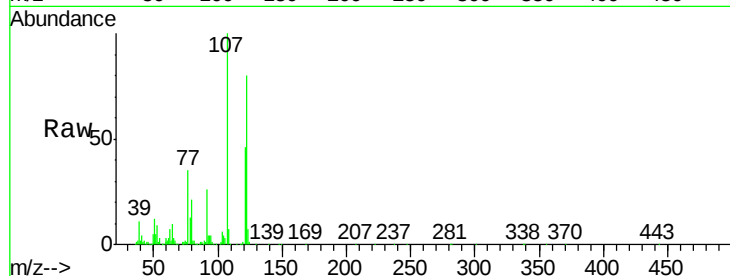
Tot Ion:122 Resp: 536813

Ion Ratio Lower Upper

122 100

107 124.3 117.0 175.4

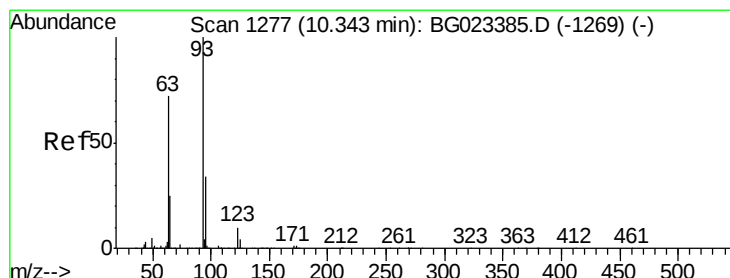
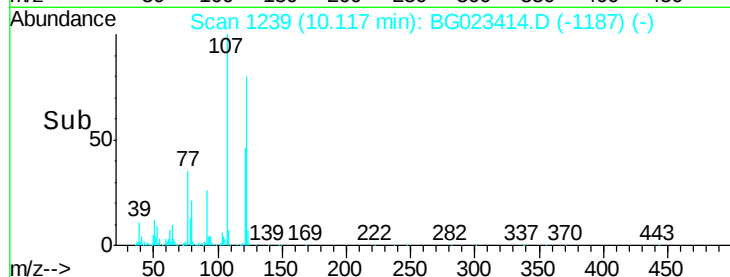
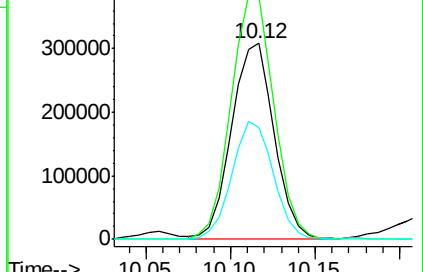
121 57.2 50.1 75.1



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 51.85 ng

RT: 10.35 min Scan# 1278

Delta R.T. 0.00 min

Lab File: BG023414.D

Acq: 3 Aug 2016 3:02

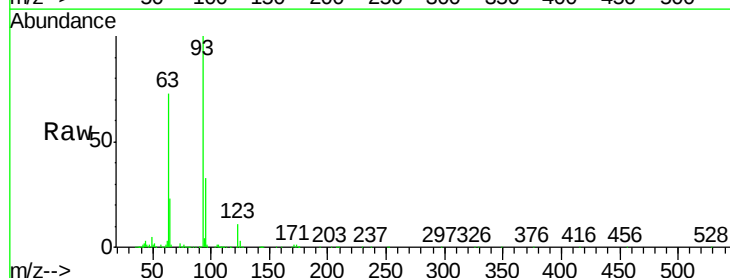
Tgt Ion: 93 Resp: 742527

Ion Ratio Lower Upper

93 100

95 33.4 25.4 38.2

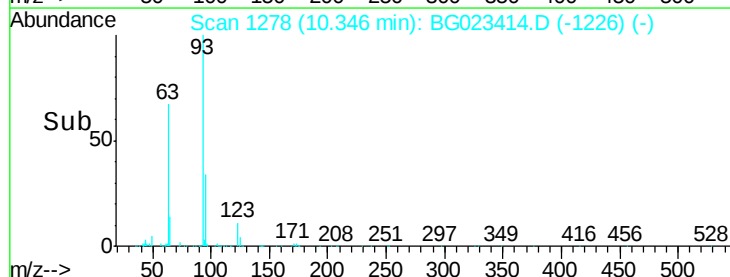
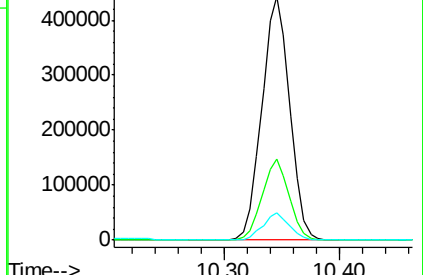
123 11.1 8.2 12.2

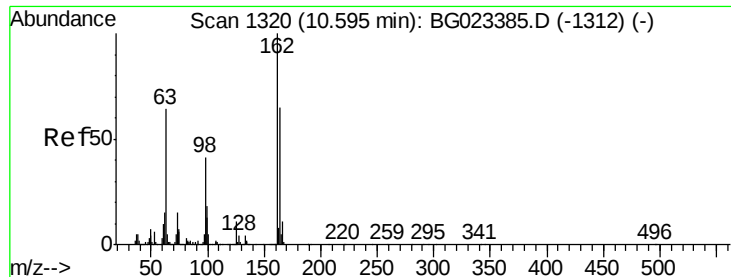


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 61.20 ng

RT: 10.60 min Scan# 1321

Delta R.T. 0.00 min

Lab File: BG023414.D

Acq: 3 Aug 2016 3:02

Instrument :

BNA\_G

ClientSampleId :

SB-65-14.0-15.0MSD

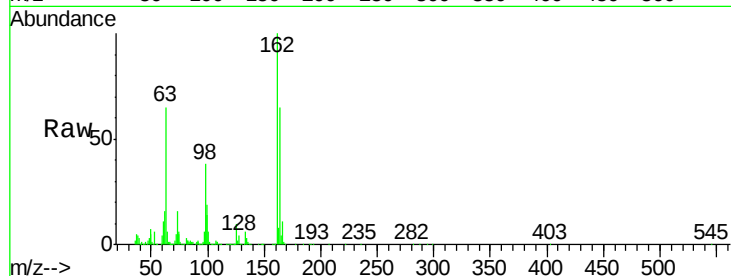
Tot Ion:162 Resp: 560061

Ion Ratio Lower Upper

162 100

164 65.3 44.3 84.3

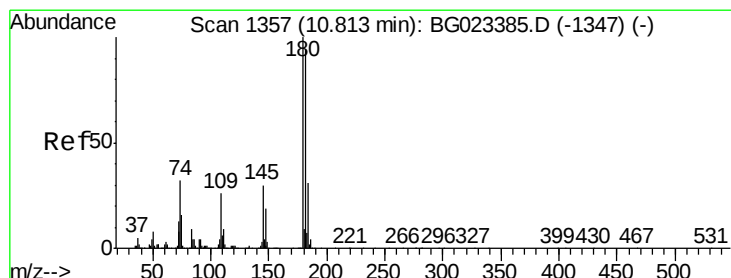
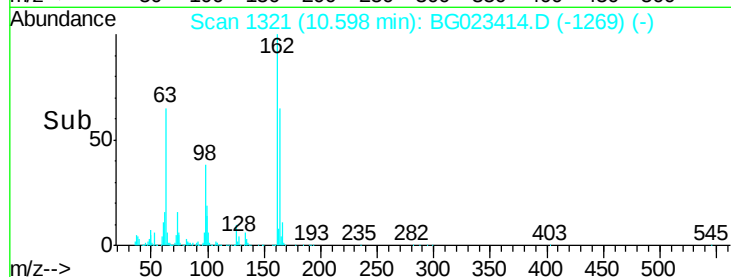
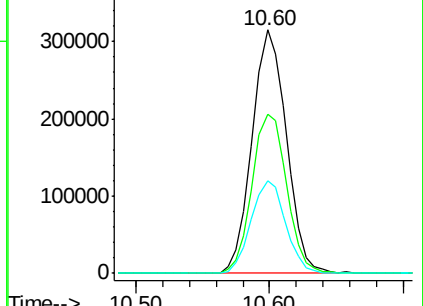
98 38.1 19.5 59.5



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



#30

1,2,4-Trichlorobenzene

Concen: 48.60 ng

RT: 10.81 min Scan# 1357

Delta R.T. -0.00 min

Lab File: BG023414.D

Acq: 3 Aug 2016 3:02

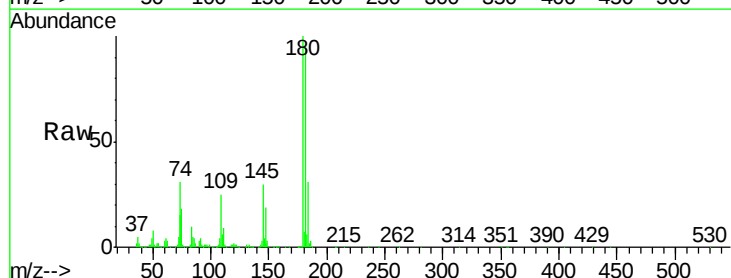
Tgt Ion:180 Resp: 479705

Ion Ratio Lower Upper

180 100

182 94.9 73.8 110.8

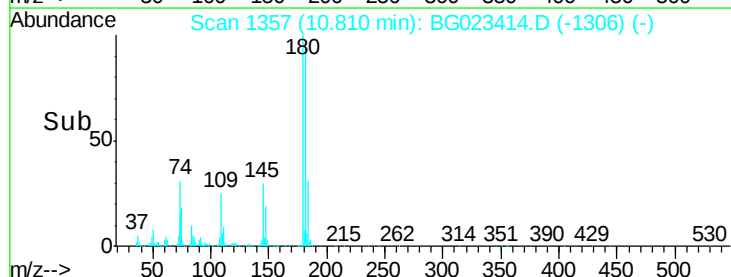
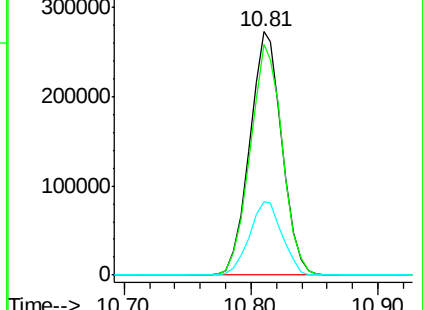
145 30.4 24.4 36.6

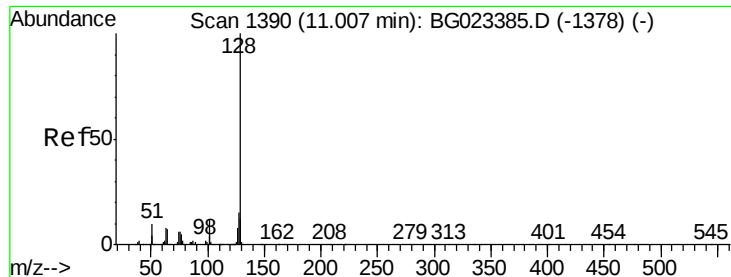


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

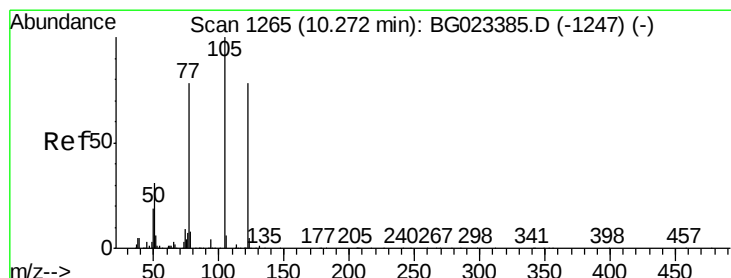
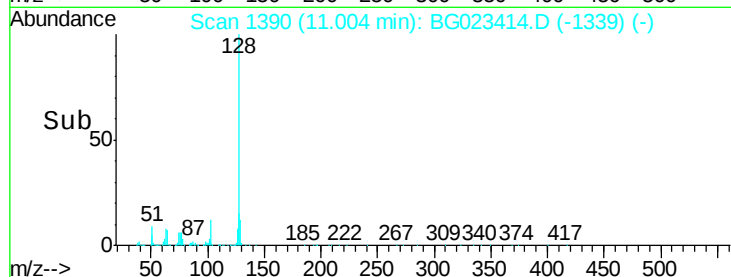
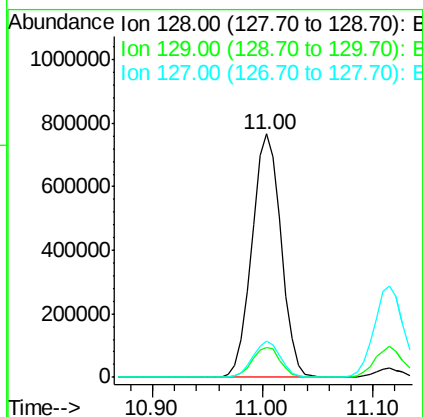
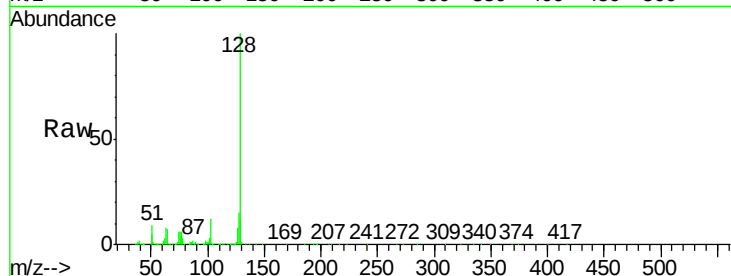




#31  
Naphthalene  
Concen: 48.87 ng  
RT: 11.00 min Scan# 1390  
Delta R.T. -0.00 min  
Lab File: BG023414.D  
Acq: 3 Aug 2016 3:02

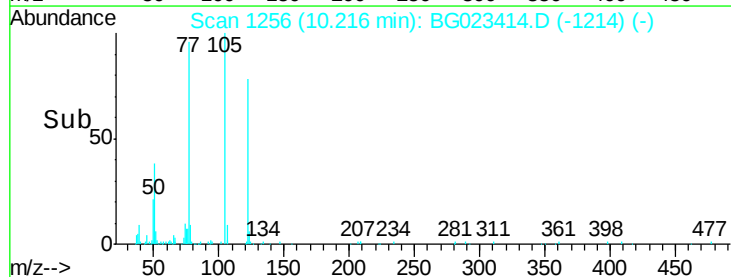
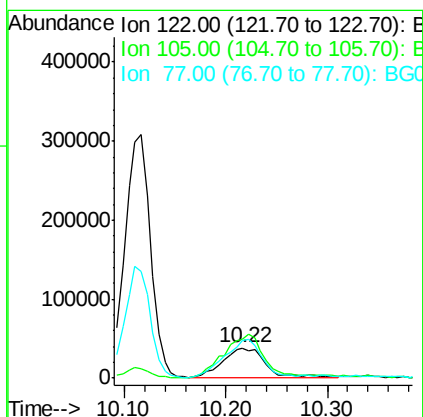
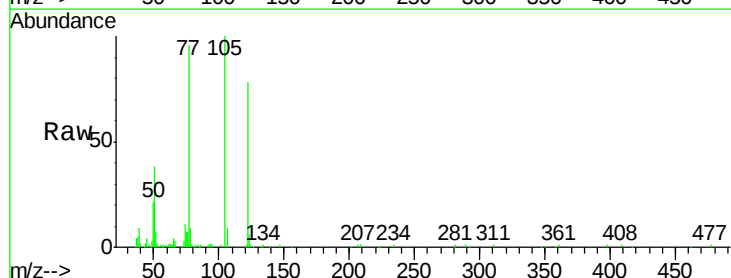
Instrument :  
BNA\_G  
ClientSampleId :  
SB-65-14.0-15.0MSD

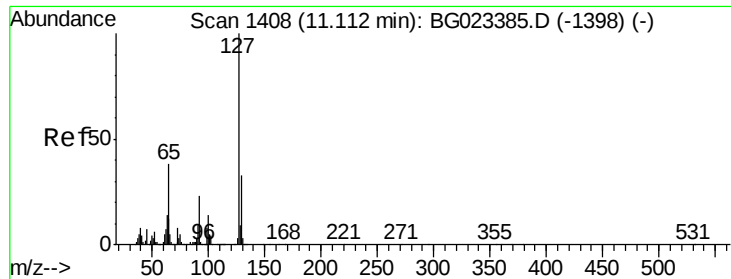
Tot Ion:128 Resp: 1414885  
Ion Ratio Lower Upper  
128 100  
129 12.3 9.4 14.0  
127 15.0 11.3 16.9



#32  
Benzoic acid  
Concen: 17.34 ng  
RT: 10.22 min Scan# 1256  
Delta R.T. -0.06 min  
Lab File: BG023414.D  
Acq: 3 Aug 2016 3:02

Tgt Ion:122 Resp: 105453  
Ion Ratio Lower Upper  
122 100  
105 128.3 117.2 157.2  
77 123.1 109.2 149.2

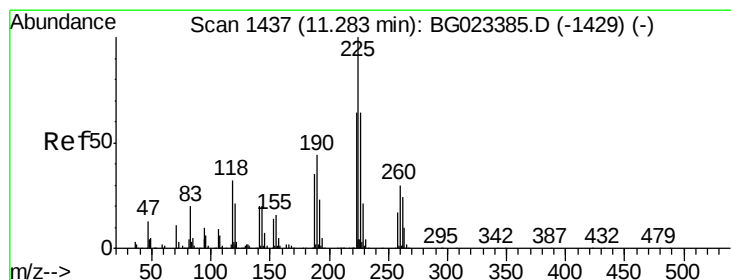
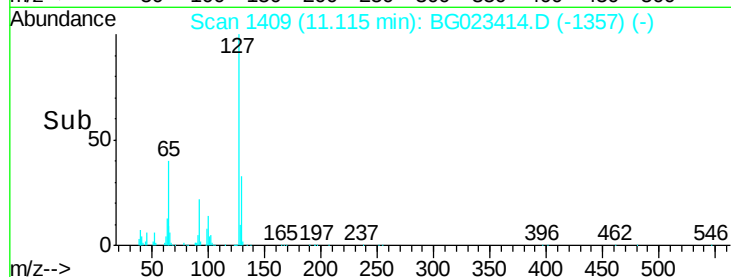
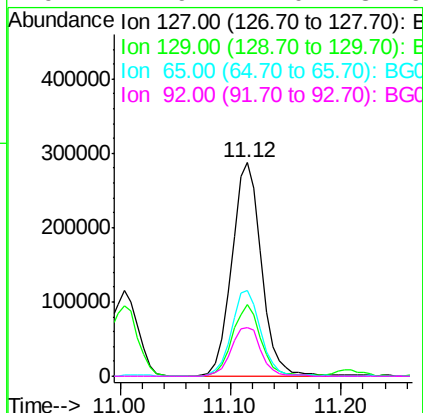
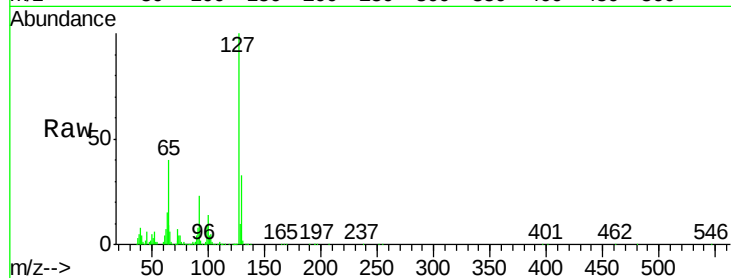




#33  
4-Chloroaniline  
Concen: 39.00 ng  
RT: 11.12 min Scan# 1409  
Delta R.T. 0.00 min  
Lab File: BG023414.D  
Acq: 3 Aug 2016 3:02

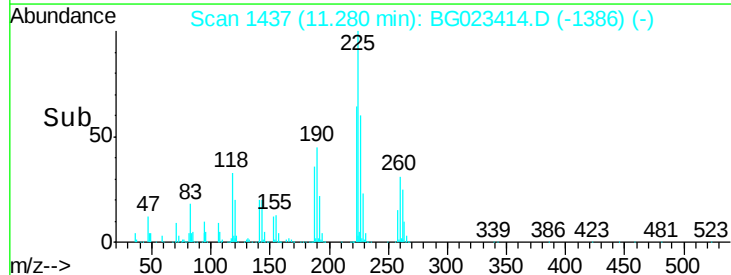
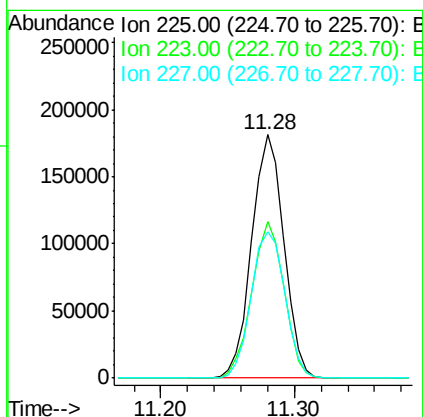
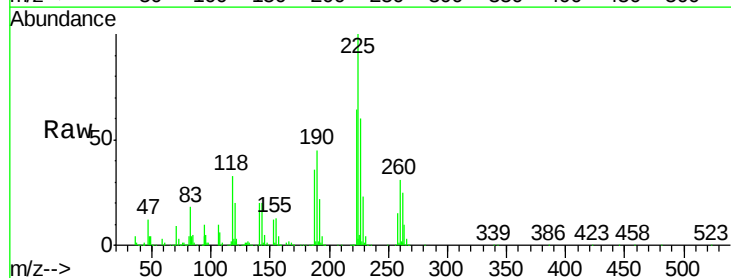
Instrument :  
BNA\_G  
ClientSampleId :  
SB-65-14.0-15.0MSD

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 127   | Resp: | 539803 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 33.5  | 27.9  | 41.9   |
| 65       | 40.2  | 36.8  | 55.2   |
| 92       | 22.9  | 21.0  | 31.6   |



#34  
Hexachlorobutadiene  
Concen: 46.31 ng  
RT: 11.28 min Scan# 1437  
Delta R.T. -0.00 min  
Lab File: BG023414.D  
Acq: 3 Aug 2016 3:02

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 300605 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 64.1  | 49.6  | 74.4   |
| 227      | 60.2  | 54.5  | 81.7   |





#35

Caprolactam

Concen: 61.72 ng/mL

RT: 11.91 min Scan# 1544

Delta R.T. 0.01 min

Lab File: BG023414.D

Acq: 3 Aug 2016 3:02

Instrument :

BNA\_G

ClientSampleId :

SB-65-14.0-15.0MSD

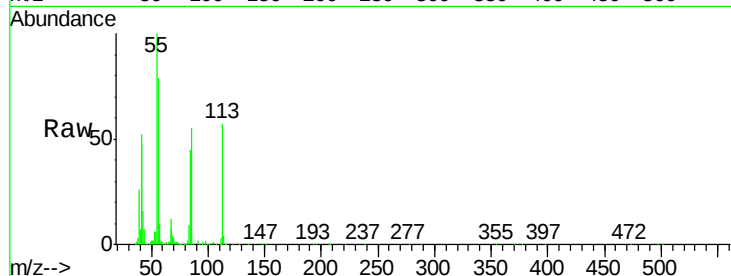
Tot Ion:113 Resp: 237662

Ion Ratio Lower Upper

113 100

55 175.6 154.5 194.5

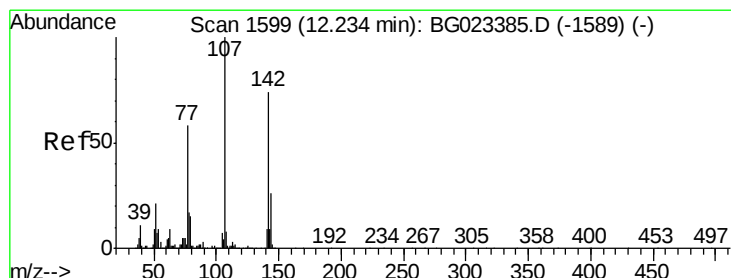
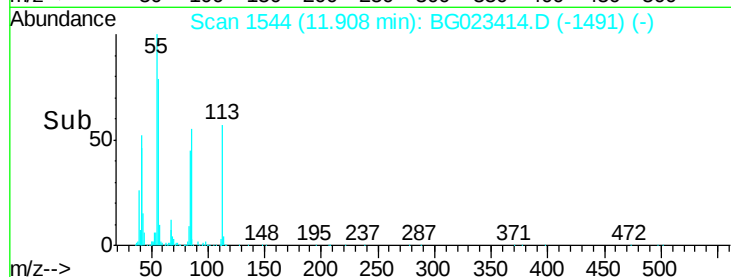
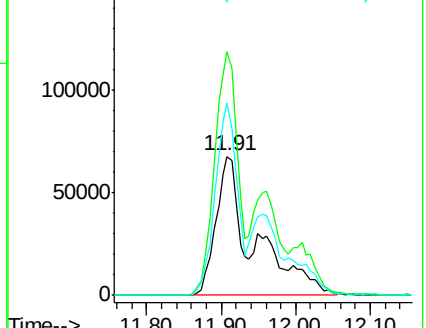
56 138.9 125.1 165.1



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 59.70 ng/mL

RT: 12.24 min Scan# 1601

Delta R.T. 0.01 min

Lab File: BG023414.D

Acq: 3 Aug 2016 3:02

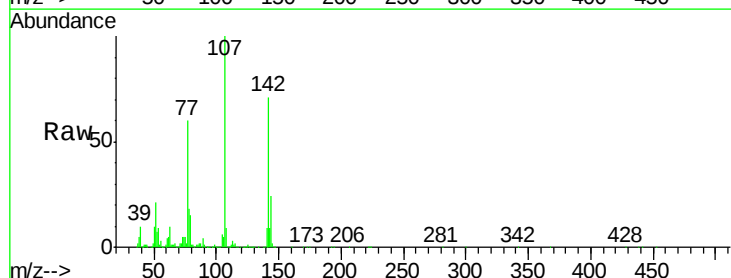
Tgt Ion:107 Resp: 717881

Ion Ratio Lower Upper

107 100

144 24.2 17.0 25.6

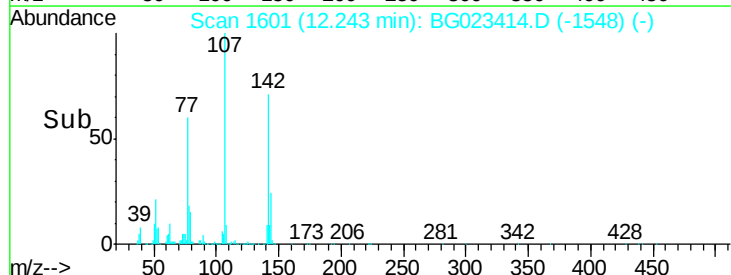
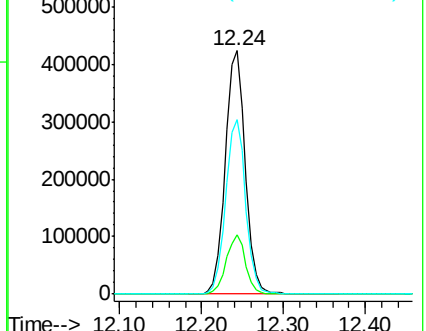
142 71.4 53.0 79.6

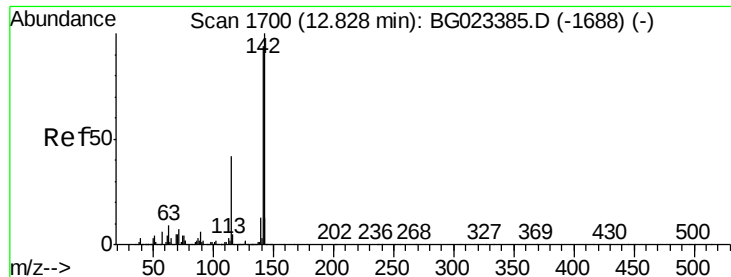


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

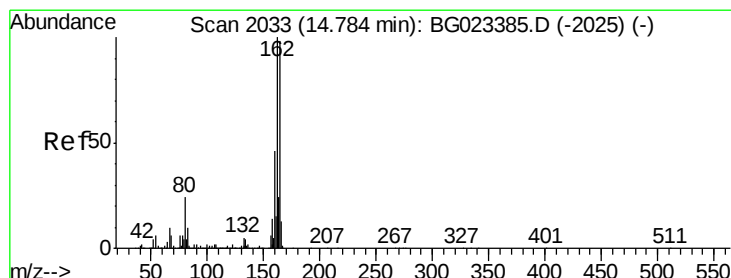
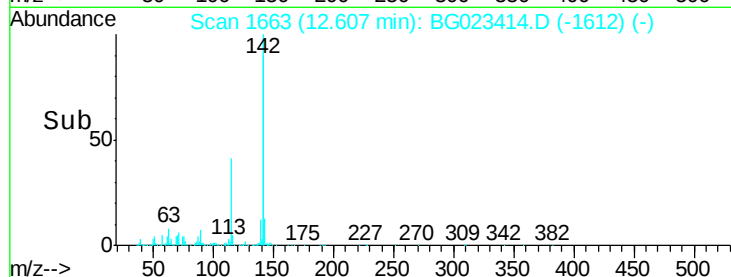
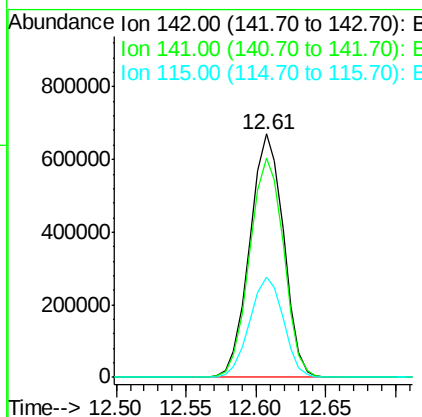
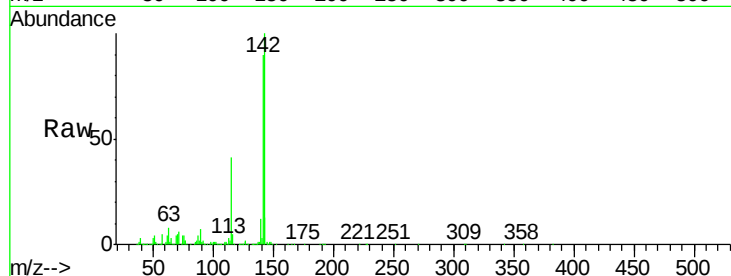




#37  
2-Methylnaphthalene  
Concen: 51.11 ng/ml  
RT: 12.61 min Scan# 1663  
Delta R.T. -0.00 min  
Lab File: BG023414.D  
Acq: 3 Aug 2016 3:02

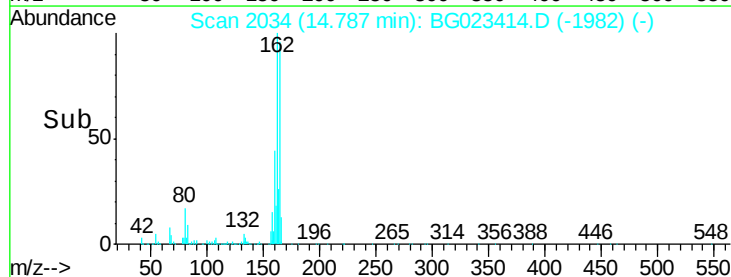
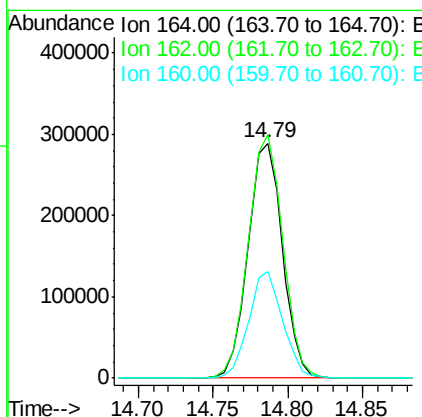
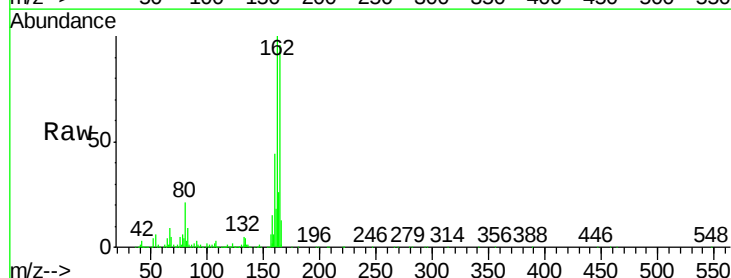
Instrument :  
BNA\_G  
ClientSampleId :  
SB-65-14.0-15.0MSD

Tot Ion:142 Resp: 1125214  
Ion Ratio Lower Upper  
142 100  
141 90.0 70.2 105.2  
115 41.3 41.7 62.5#



#38  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 14.79 min Scan# 2034  
Delta R.T. 0.00 min  
Lab File: BG023414.D  
Acq: 3 Aug 2016 3:02

Tgt Ion:164 Resp: 457460  
Ion Ratio Lower Upper  
164 100  
162 103.7 87.7 131.5  
160 45.5 37.2 55.8





#39

1,2,4,5-Tetrachlorobenzene

Concen: 34.76 ng

RT: 12.97 min Scan# 1725

Delta R.T. -0.00 min

Lab File: BG023414.D

Acq: 3 Aug 2016 3:02

Instrument :

BNA\_G

ClientSampleId :

SB-65-14.0-15.0MSD

Tot Ion:216 Resp: 576722

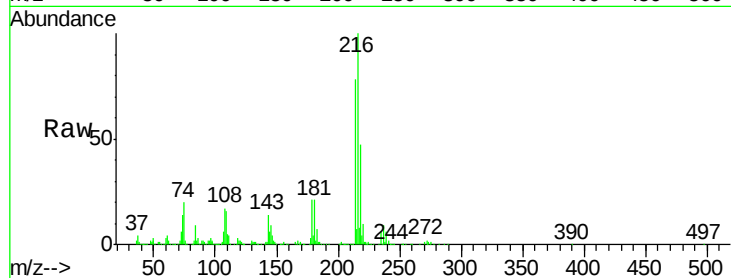
Ion Ratio Lower Upper

216 100

214 78.3 62.9 94.3

179 21.5 17.2 25.8

108 20.6 16.3 24.5

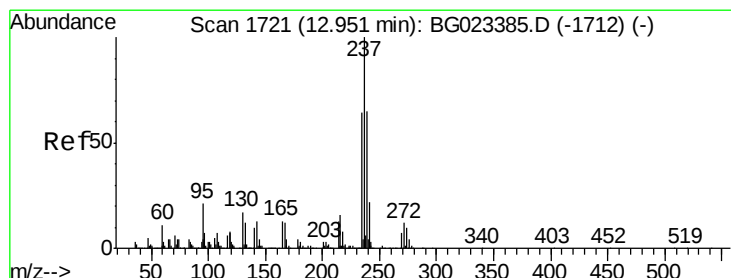
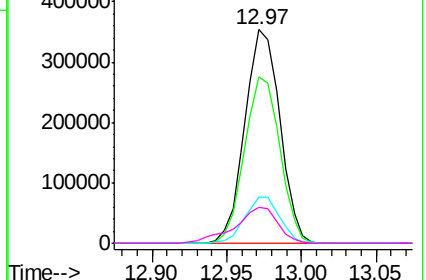
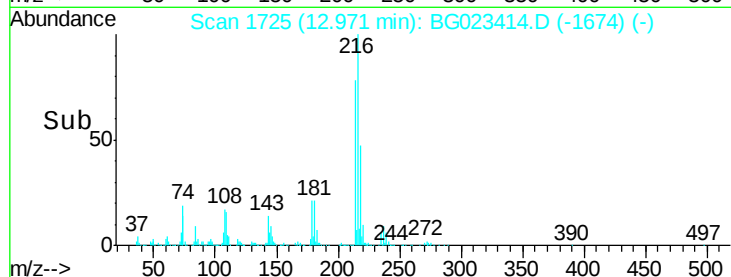


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 89.60 ng

RT: 12.95 min Scan# 1721

Delta R.T. -0.00 min

Lab File: BG023414.D

Acq: 3 Aug 2016 3:02

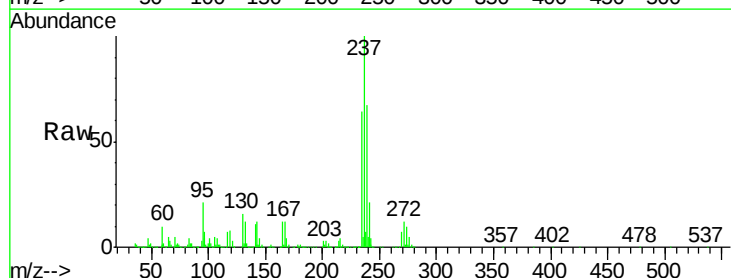
Tgt Ion:237 Resp: 749548

Ion Ratio Lower Upper

237 100

235 63.5 43.1 83.1

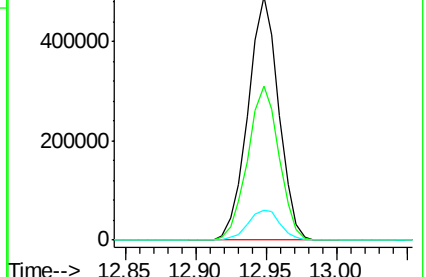
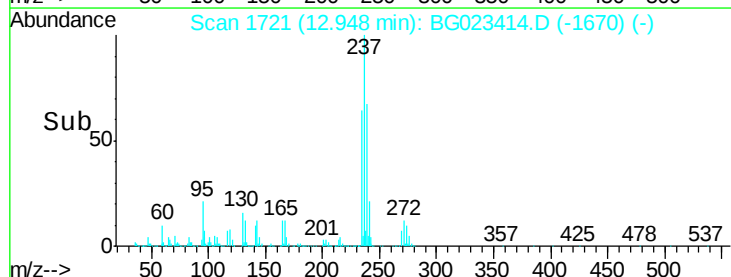
272 12.3 0.0 30.9

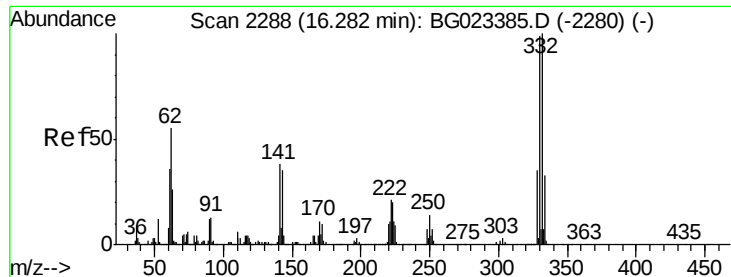


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 161.34 ng

RT: 16.28 min Scan# 2289

Delta R.T. 0.00 min

Lab File: BG023414.D

Acq: 3 Aug 2016 3:02

Instrument :

BNA\_G

ClientSampleId :

SB-65-14.0-15.0MSD

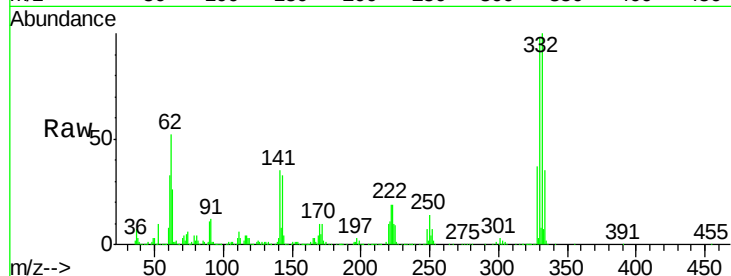
Tot Ion:330 Resp: 1079584

Ion Ratio Lower Upper

330 100

332 99.8 77.4 116.2

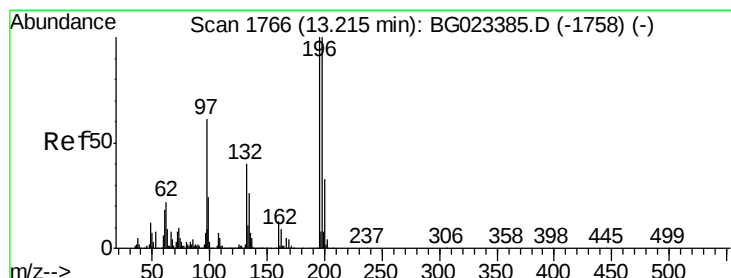
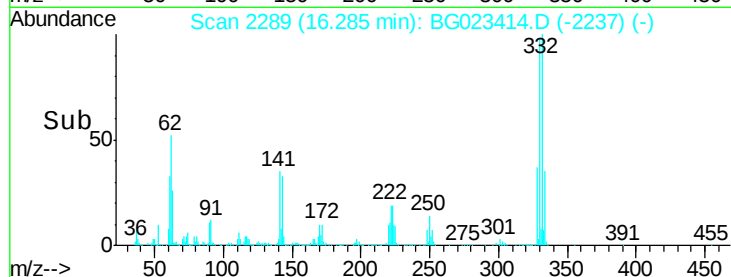
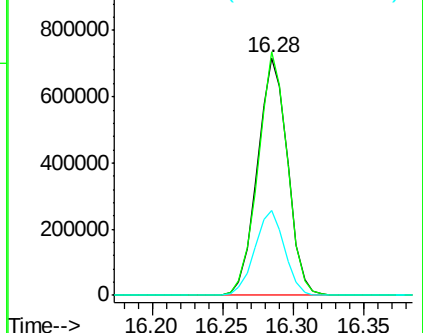
141 35.3 31.7 47.5



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: 50.97 ng

RT: 13.22 min Scan# 1767

Delta R.T. 0.00 min

Lab File: BG023414.D

Acq: 3 Aug 2016 3:02

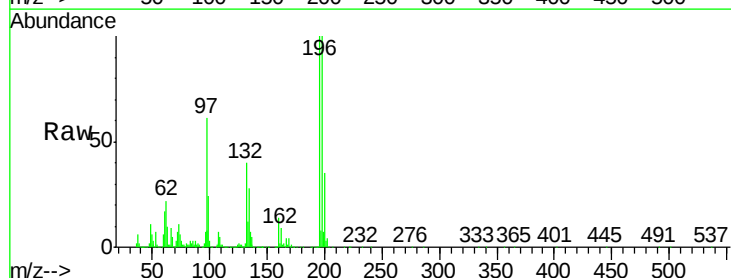
Tgt Ion:196 Resp: 503736

Ion Ratio Lower Upper

196 100

198 99.9 78.2 117.2

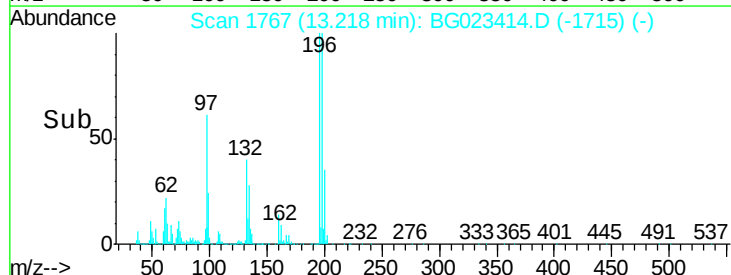
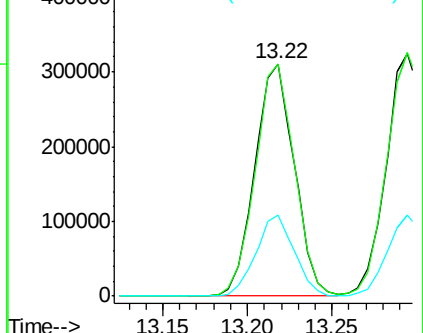
200 34.9 27.0 40.4

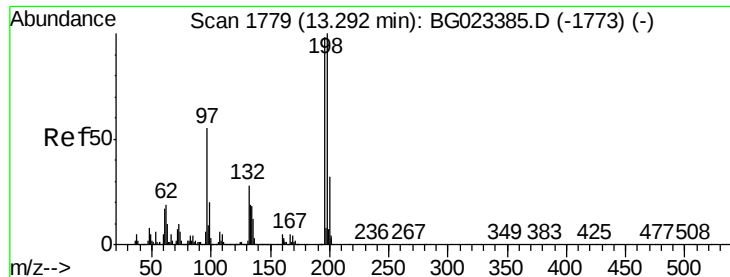


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

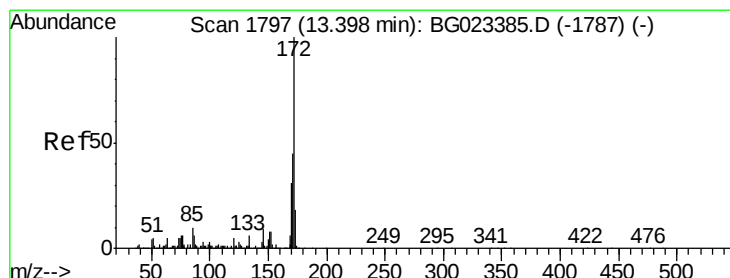
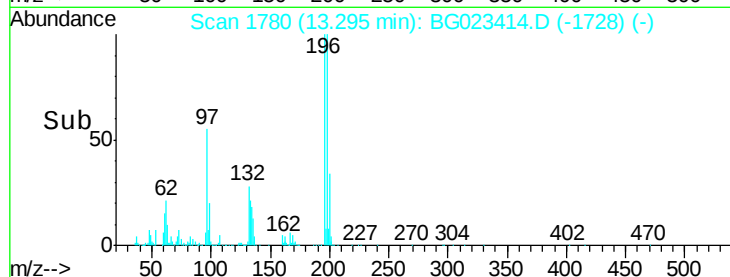
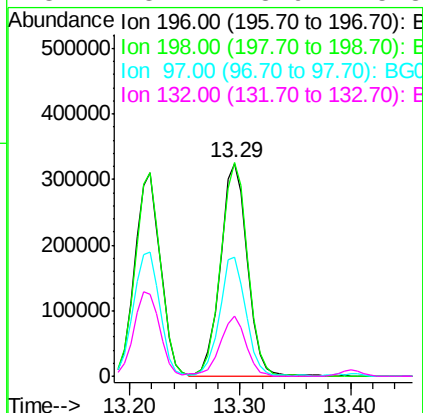
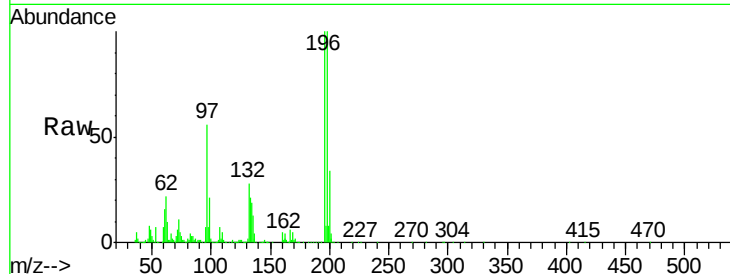




#43  
 2,4,5-Trichlorophenol  
 Concen: 54.02 ng  
 RT: 13.29 min Scan# 1780  
 Delta R.T. 0.00 min  
 Lab File: BG023414.D  
 Acq: 3 Aug 2016 3:02

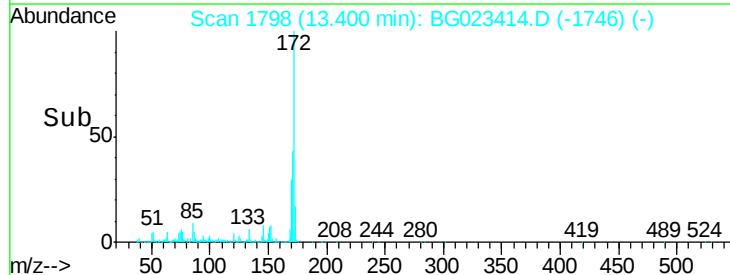
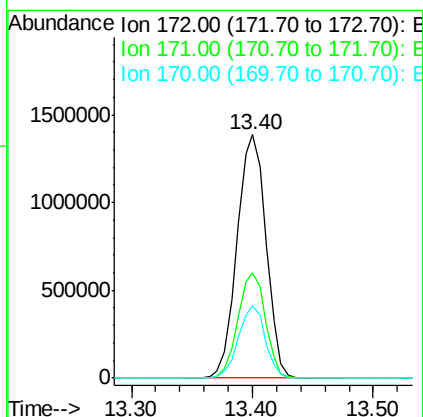
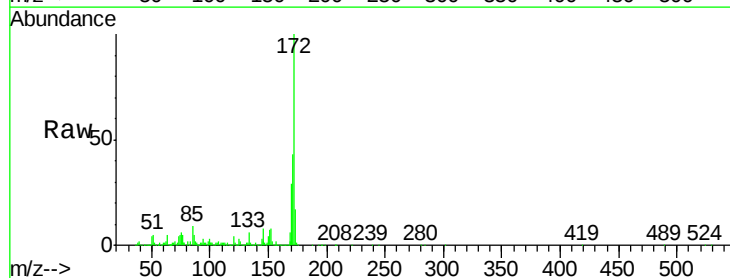
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SB-65-14.0-15.0MSD

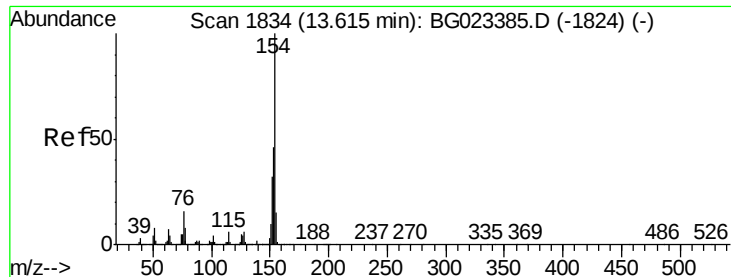
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 100.3 | 85.7  | 128.5 |
| 97      | 55.9  | 45.5  | 68.3  |
| 132     | 28.2  | 18.9  | 28.3  |



#44  
 2-Fluorobiphenyl  
 Concen: 85.72 ng  
 RT: 13.40 min Scan# 1798  
 Delta R.T. 0.00 min  
 Lab File: BG023414.D  
 Acq: 3 Aug 2016 3:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 43.5  | 31.6  | 47.4  |
| 170     | 29.5  | 21.3  | 31.9  |



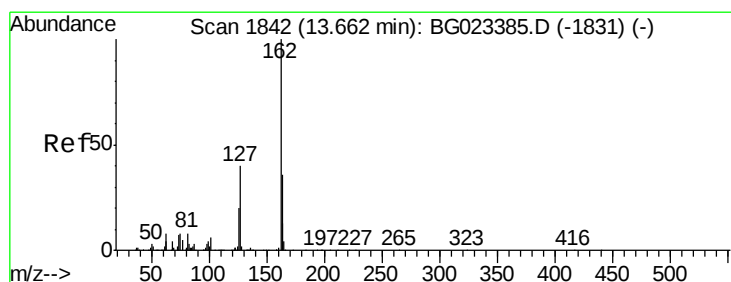
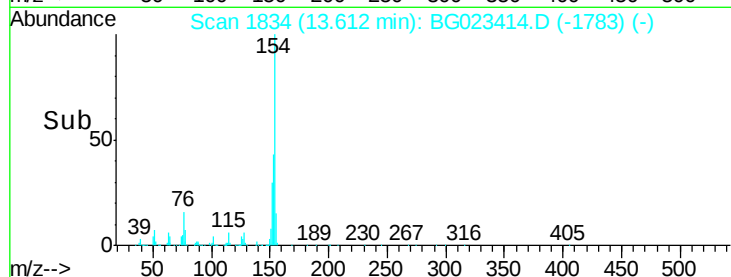
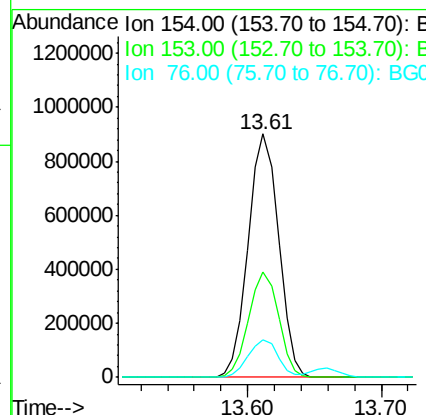
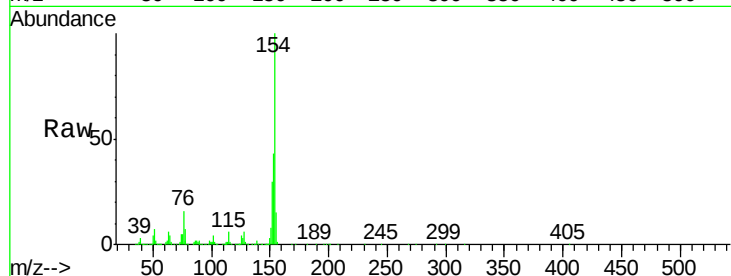


#45  
 1,1'-Biphenyl  
 Concen: 40.44 ng  
 RT: 13.61 min Scan# 1834  
 Delta R.T. -0.00 min  
 Lab File: BG023414.D  
 Acq: 3 Aug 2016 3:02

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SB-65-14.0-15.0MSD

Tot Ion:154 Resp: 1414339  

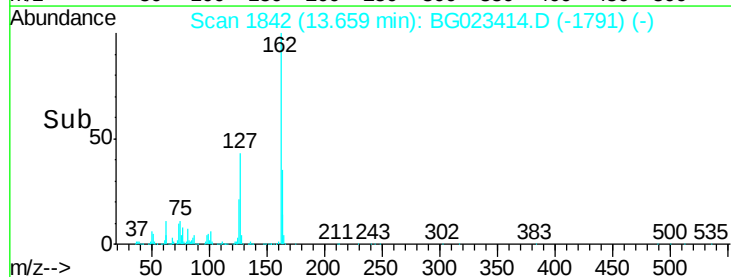
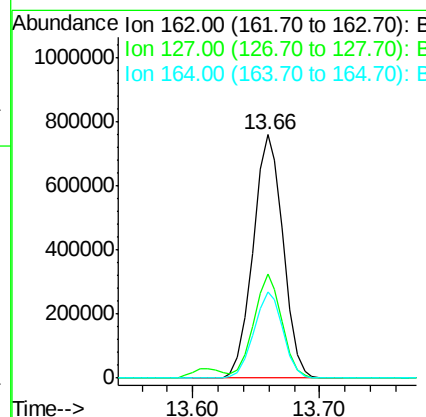
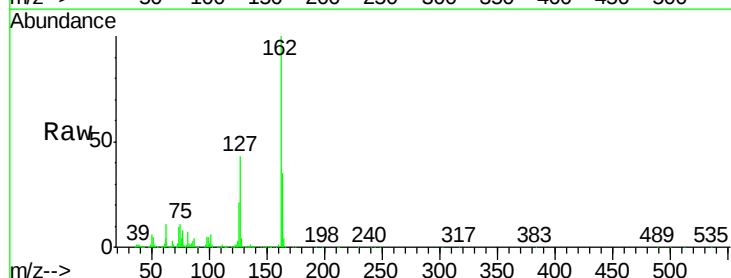
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 154 | 100   |       |       |
| 153 | 43.1  | 20.2  | 60.2  |
| 76  | 15.7  | 0.0   | 32.9  |

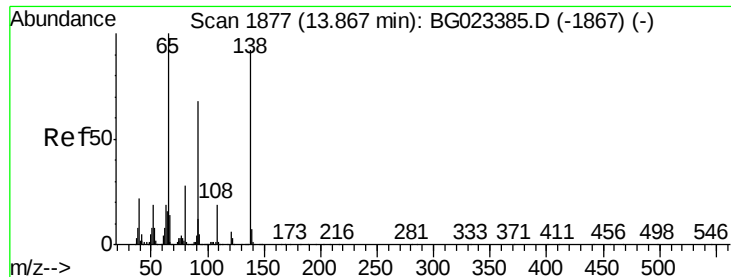


#46  
 2-Chloronaphthalene  
 Concen: 46.10 ng  
 RT: 13.66 min Scan# 1842  
 Delta R.T. -0.00 min  
 Lab File: BG023414.D  
 Acq: 3 Aug 2016 3:02

Tgt Ion:162 Resp: 1247079  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 162 | 100   |       |       |
| 127 | 42.9  | 32.4  | 48.6  |
| 164 | 35.2  | 25.2  | 37.8  |





#47

2-Nitroaniline

Concen: 52.79 ng

RT: 13.87 min Scan# 1878

Delta R.T. 0.00 min

Lab File: BG023414.D

Acq: 3 Aug 2016 3:02

Instrument :

BNA\_G

ClientSampleId :

SB-65-14.0-15.0MSD

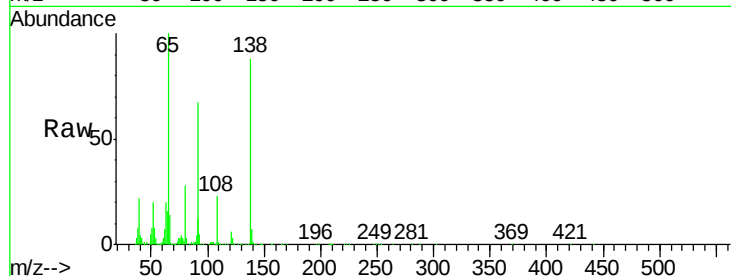
Tot Ion: 65 Resp: 592953

Ion Ratio Lower Upper

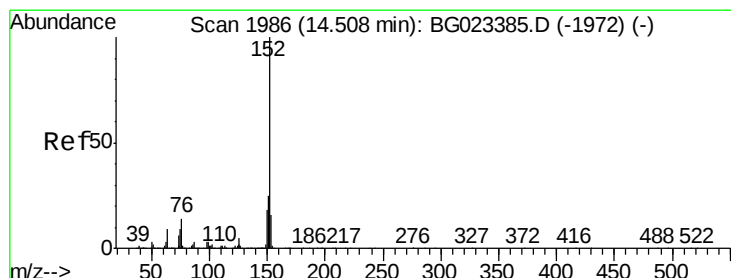
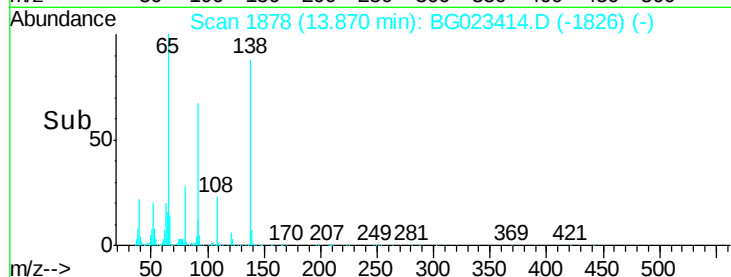
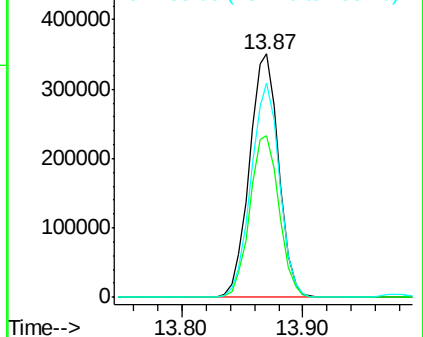
65 100

92 66.7 49.4 74.0

138 88.0 58.0 87.0#



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: 46.27 ng

RT: 14.51 min Scan# 1987

Delta R.T. 0.00 min

Lab File: BG023414.D

Acq: 3 Aug 2016 3:02

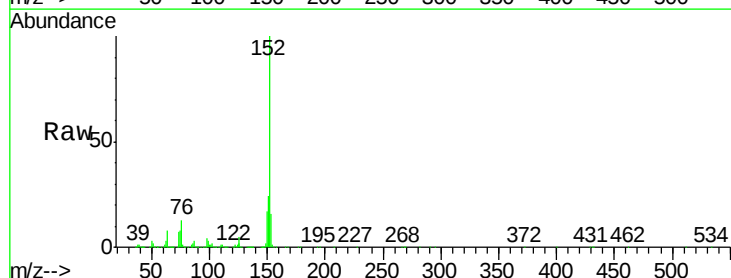
Tgt Ion: 152 Resp: 1978491

Ion Ratio Lower Upper

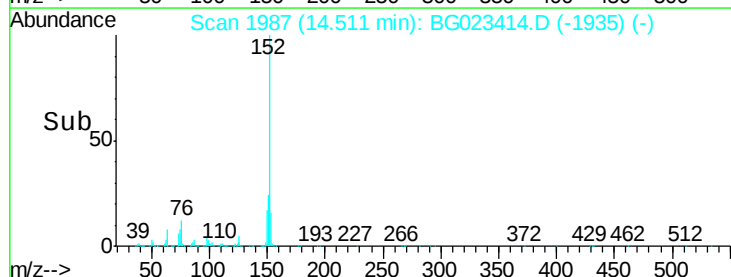
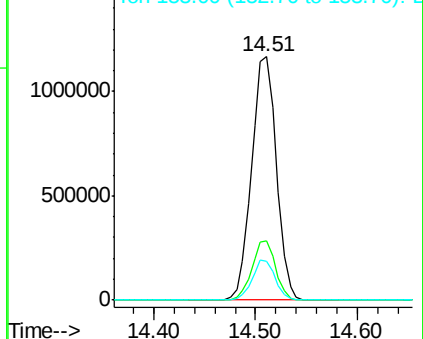
152 100

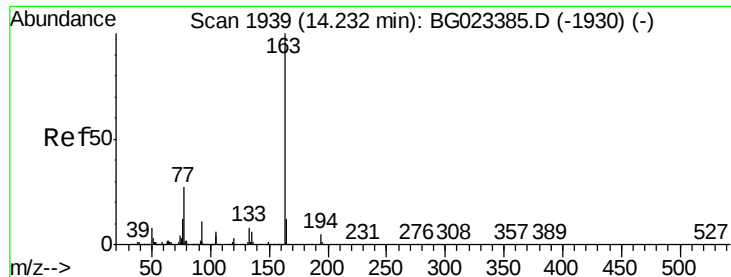
151 24.5 17.6 26.4

153 15.8 11.4 17.2



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: 60.89 ng

RT: 14.23 min Scan# 1940

Delta R.T. 0.00 min

Lab File: BG023414.D

Acq: 3 Aug 2016 3:02

Instrument :

BNA\_G

ClientSampleId :

SB-65-14.0-15.0MSD

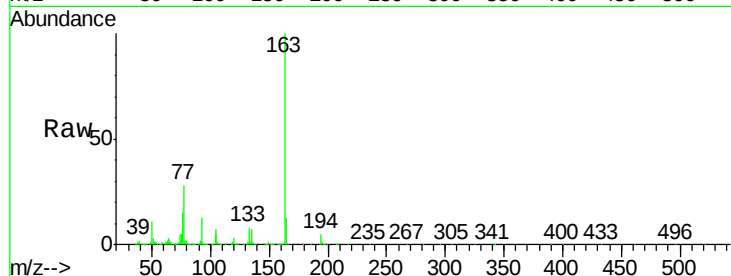
Tot Ion:163 Resp: 2137167

Ion Ratio Lower Upper

163 100

194 4.9 3.6 5.4

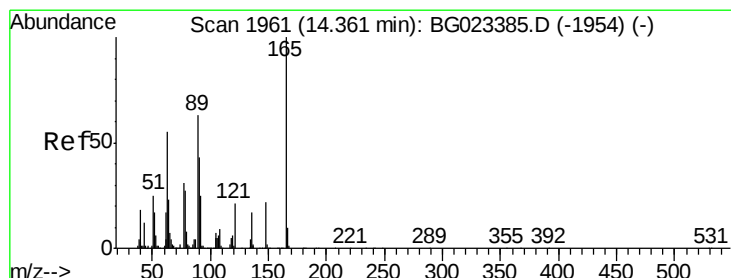
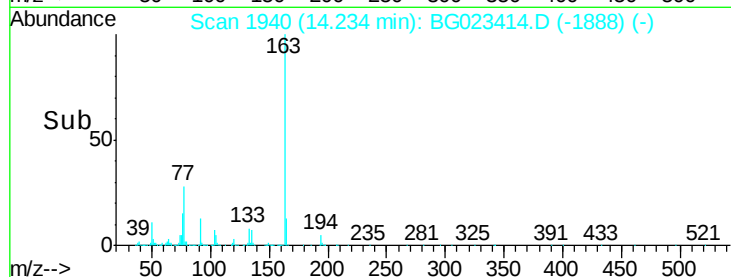
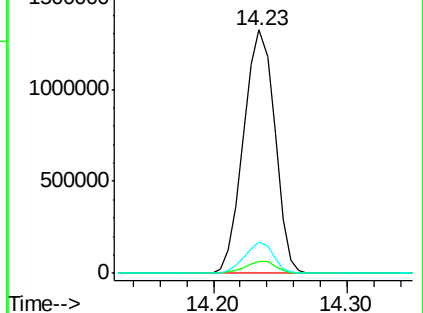
164 13.0 8.1 12.1#



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: 52.54 ng

RT: 14.36 min Scan# 1961

Delta R.T. -0.00 min

Lab File: BG023414.D

Acq: 3 Aug 2016 3:02

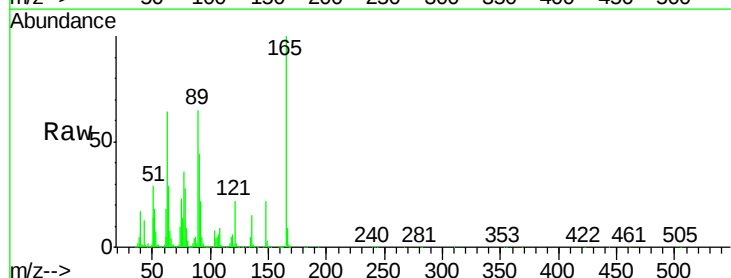
Tgt Ion:165 Resp: 436757

Ion Ratio Lower Upper

165 100

63 64.2 64.3 96.5#

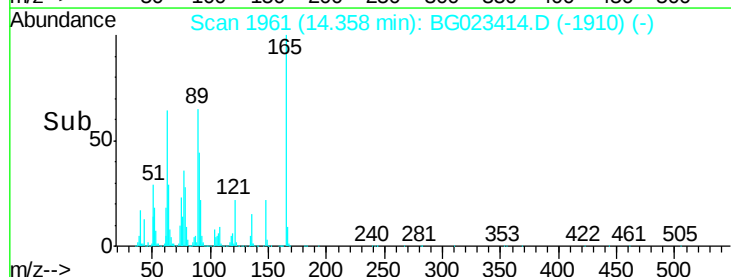
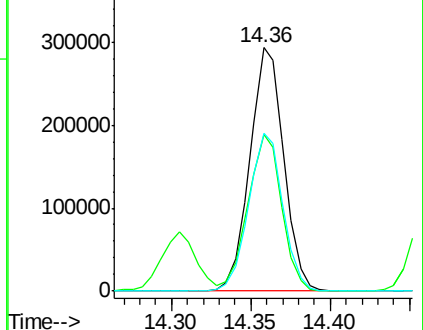
89 64.7 64.3 96.5

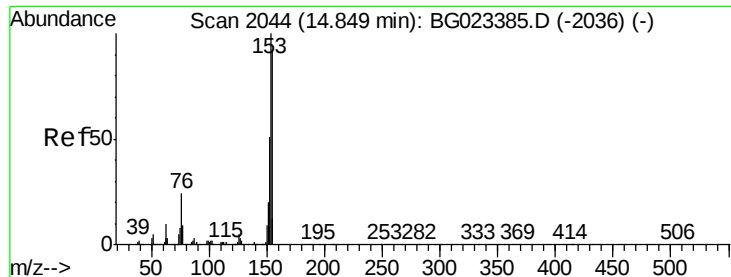


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 89.00 (88.70 to 89.70): BG0





#51

Acenaphthene

Concen: 47.53 ng

RT: 14.85 min Scan# 2045

Delta R.T. 0.00 min

Lab File: BG023414.D

Acq: 3 Aug 2016 3:02

Instrument :

BNA\_G

ClientSampleId :

SB-65-14.0-15.0MSD

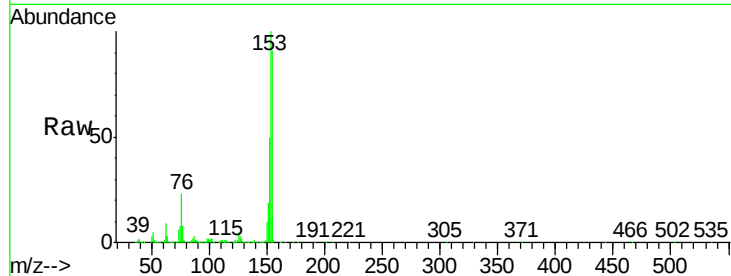
Tot Ion:154 Resp: 1287655

Ion Ratio Lower Upper

154 100

153 109.6 87.5 131.3

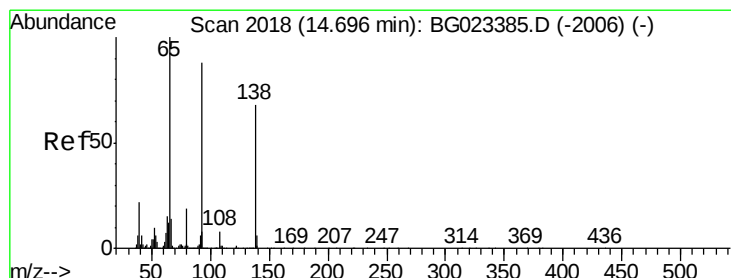
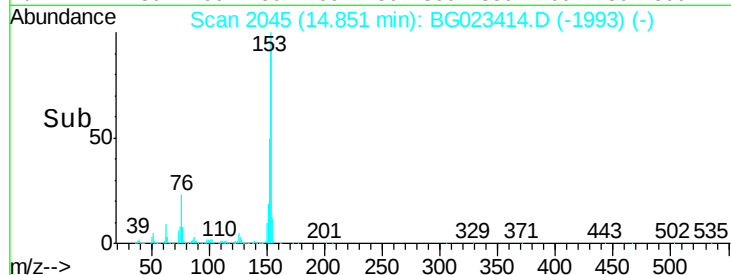
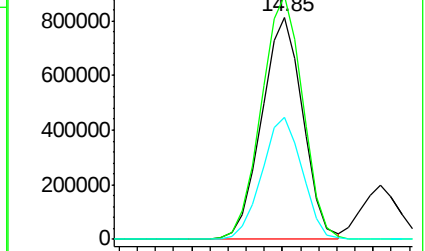
152 55.0 42.7 64.1



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



#52

3-Nitroaniline

Concen: 44.51 ng

RT: 14.70 min Scan# 2019

Delta R.T. 0.00 min

Lab File: BG023414.D

Acq: 3 Aug 2016 3:02

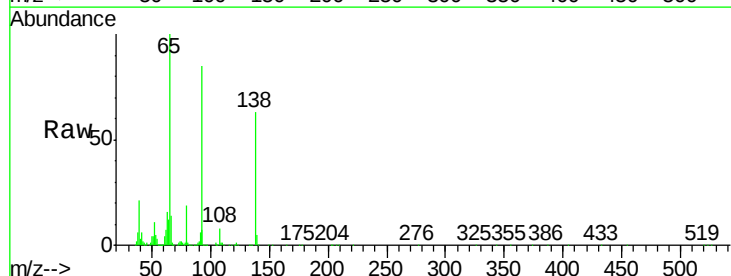
Tgt Ion:138 Resp: 417180

Ion Ratio Lower Upper

138 100

108 12.2 11.7 17.5

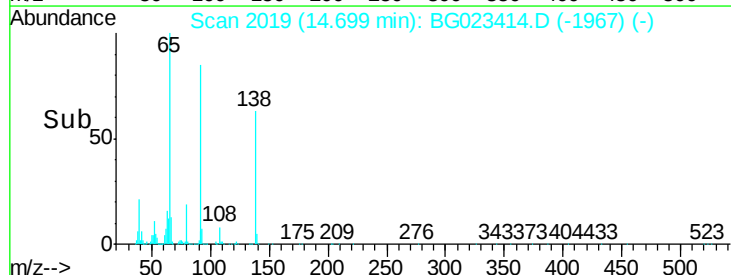
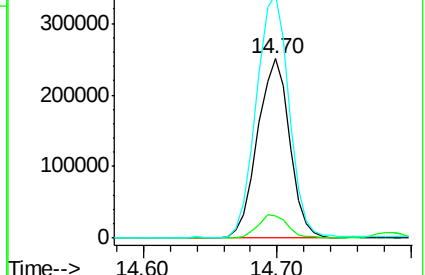
92 135.7 129.7 194.5

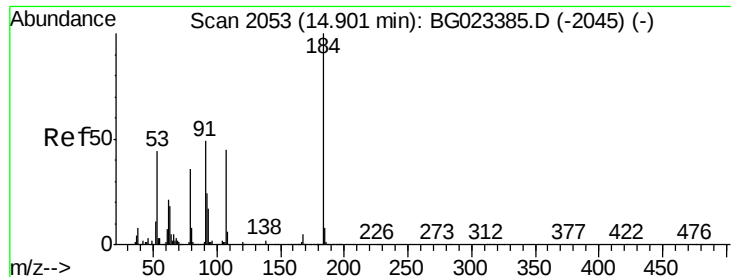


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC

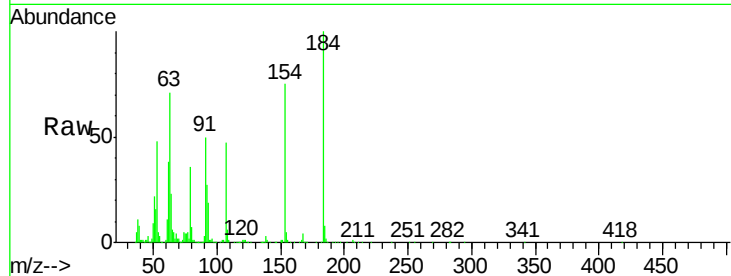




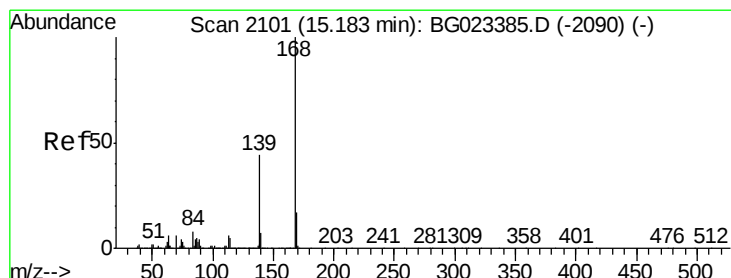
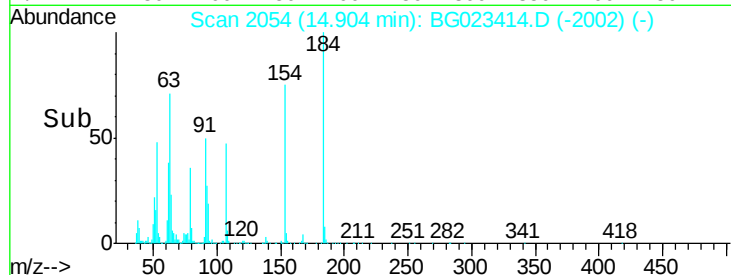
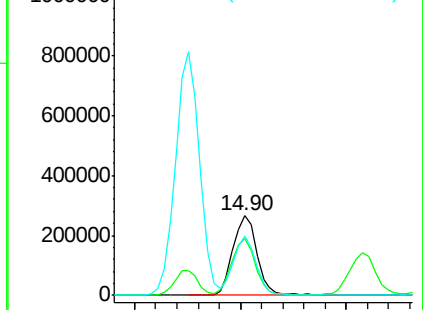
#53  
2,4-Dinitrophenol  
Concen: 79.54 ng  
RT: 14.90 min Scan# 2054  
Delta R.T. 0.00 min  
Lab File: BG023414.D  
Acq: 3 Aug 2016 3:02

Instrument :  
BNA\_G  
ClientSampleId :  
SB-65-14.0-15.0MSD

Tot Ion:184 Resp: 423764  
Ion Ratio Lower Upper  
184 100  
63 70.8 59.6 89.4  
154 75.4 67.4 101.0

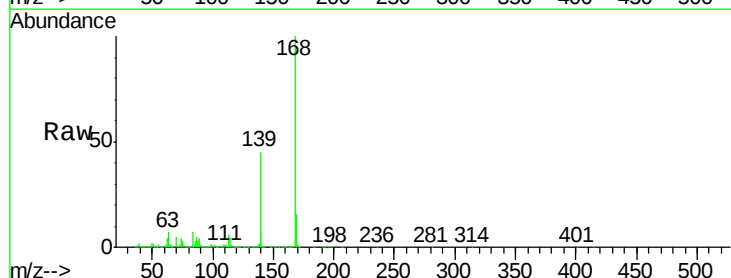


Abundance Ion 184.00 (183.70 to 184.70): E  
Ion 63.00 (62.70 to 63.70): BGC  
Ion 154.00 (153.70 to 154.70): E

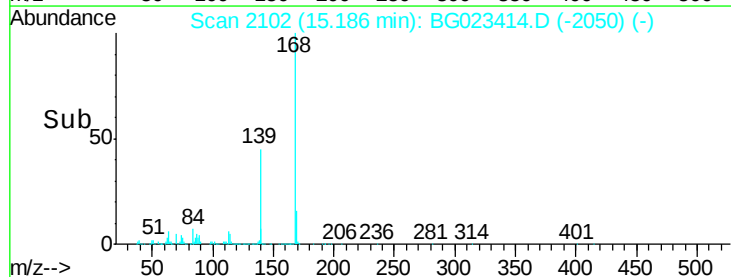
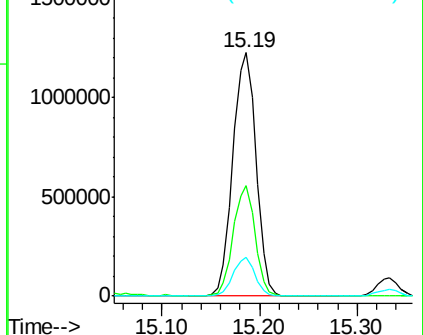


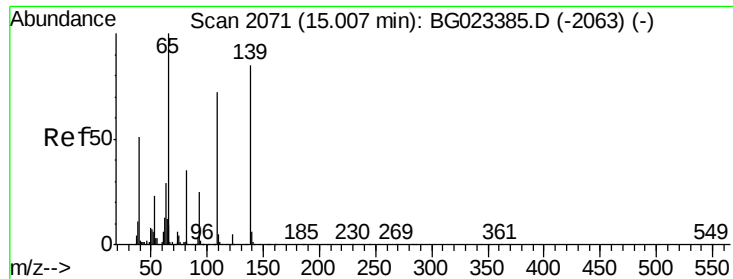
#54  
Dibenzofuran  
Concen: 51.37 ng  
RT: 15.19 min Scan# 2102  
Delta R.T. 0.00 min  
Lab File: BG023414.D  
Acq: 3 Aug 2016 3:02

Tgt Ion:168 Resp: 2020387  
Ion Ratio Lower Upper  
168 100  
139 45.4 36.4 54.6  
169 16.2 11.9 17.9



Abundance Ion 168.00 (167.70 to 168.70): E  
Ion 139.00 (138.70 to 139.70): E  
Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 96.42 ng

RT: 15.02 min Scan# 2073

Delta R.T. 0.01 min

Lab File: BG023414.D

Acq: 3 Aug 2016 3:02

Instrument :

BNA\_G

ClientSampleId :

SB-65-14.0-15.0MSD

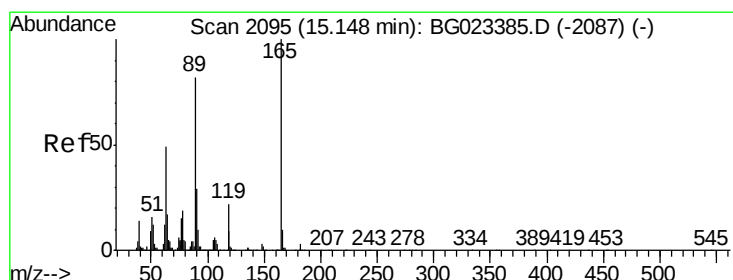
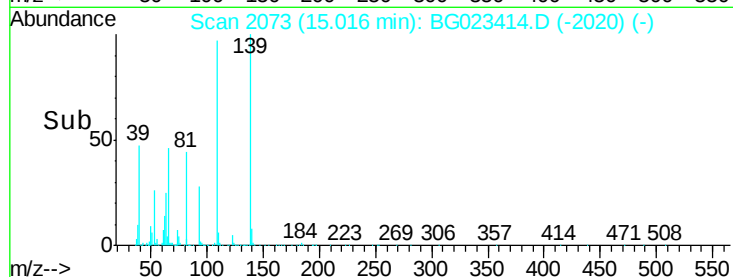
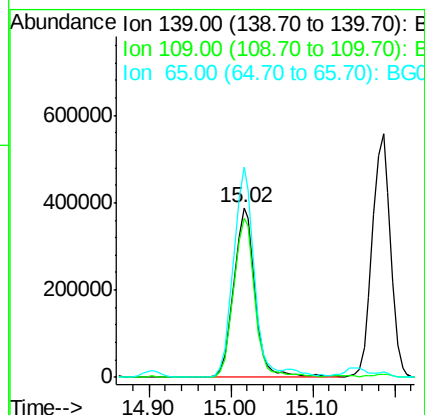
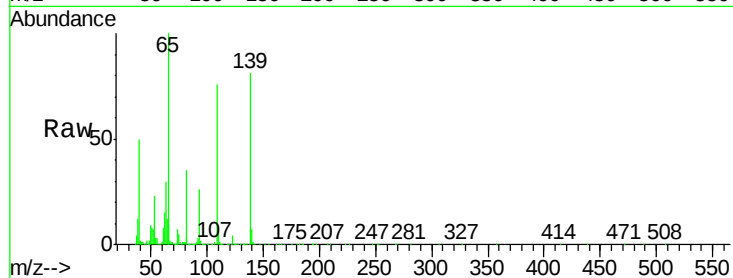
Tot Ion:139 Resp: 709767

Ion Ratio Lower Upper

139 100

109 93.9 103.0 143.0#

65 123.8 112.7 152.7



#56

2,4-Dinitrotoluene

Concen: 54.86 ng

RT: 15.15 min Scan# 2096

Delta R.T. 0.00 min

Lab File: BG023414.D

Acq: 3 Aug 2016 3:02

Tgt Ion:165 Resp: 639920

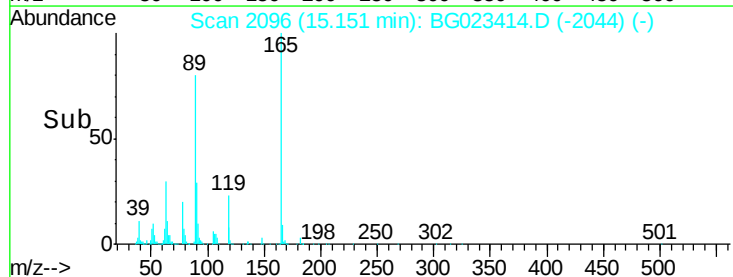
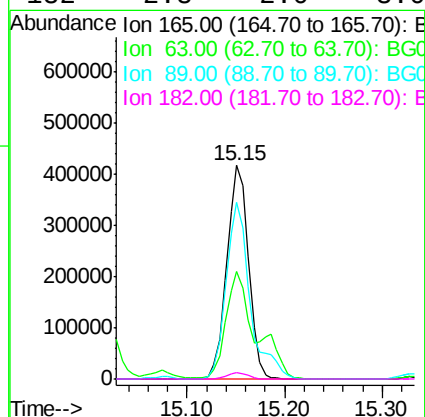
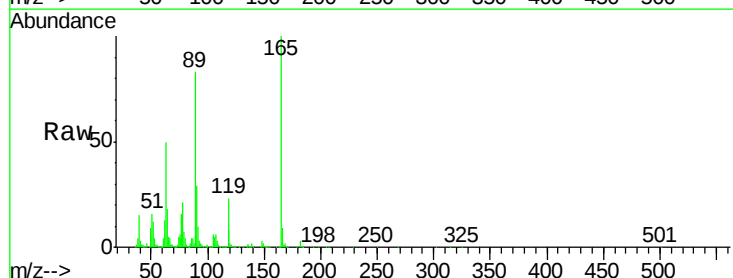
Ion Ratio Lower Upper

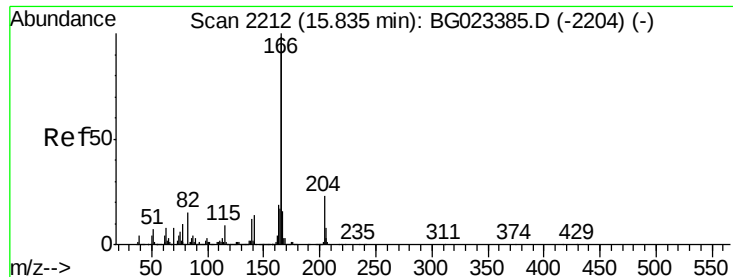
165 100

63 50.2 45.8 68.6

89 82.9 68.6 102.8

182 2.8 2.0 3.0





#57

Fluorene

Concen: 48.73 ng

RT: 15.84 min Scan# 2213

Delta R.T. 0.00 min

Lab File: BG023414.D

Acq: 3 Aug 2016 3:02

Instrument :

BNA\_G

ClientSampleId :

SB-65-14.0-15.0MSD

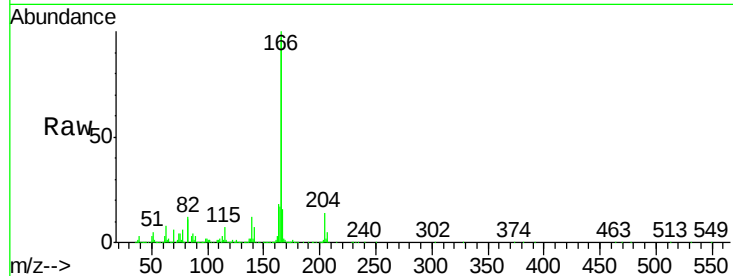
Tot Ion:166 Resp: 1672750

Ion Ratio Lower Upper

166 100

165 97.3 81.0 121.6

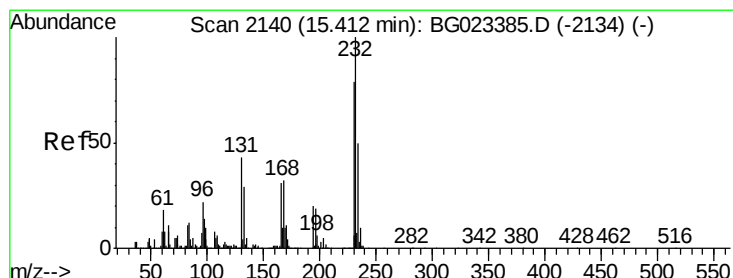
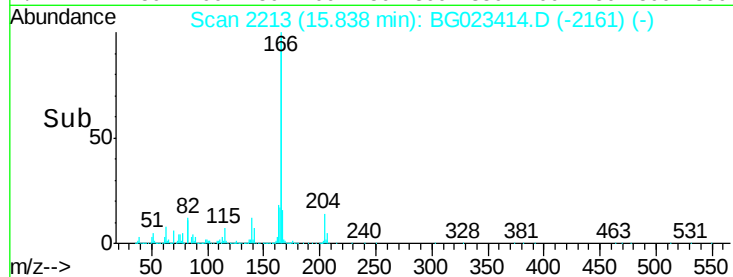
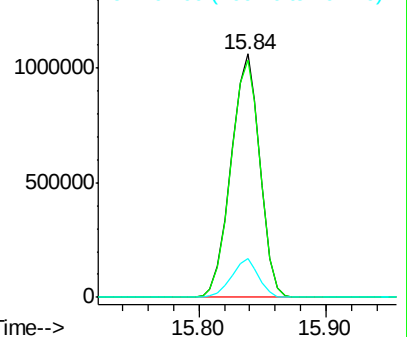
167 15.7 12.0 18.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 60.64 ng

RT: 15.42 min Scan# 2141

Delta R.T. 0.00 min

Lab File: BG023414.D

Acq: 3 Aug 2016 3:02

Tgt Ion:232 Resp: 566052

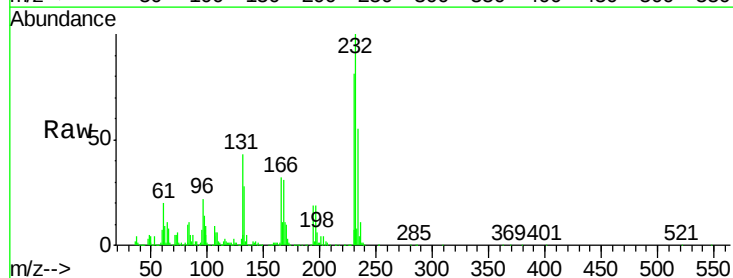
Ion Ratio Lower Upper

232 100

131 43.9 32.7 49.1

130 2.7 2.6 3.8

166 31.5 23.0 34.6

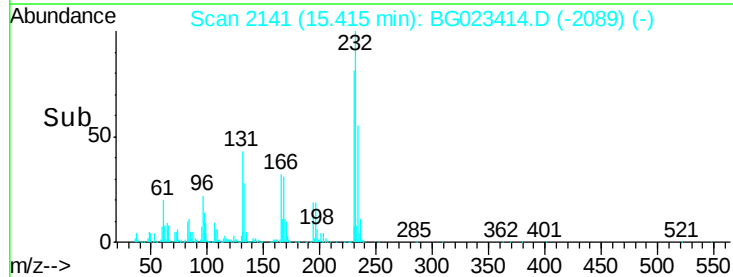
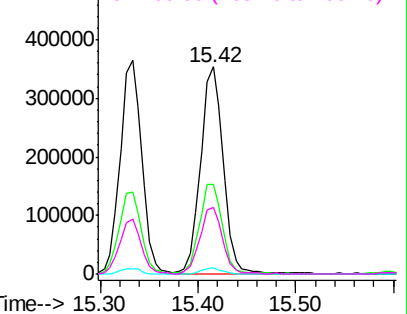


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

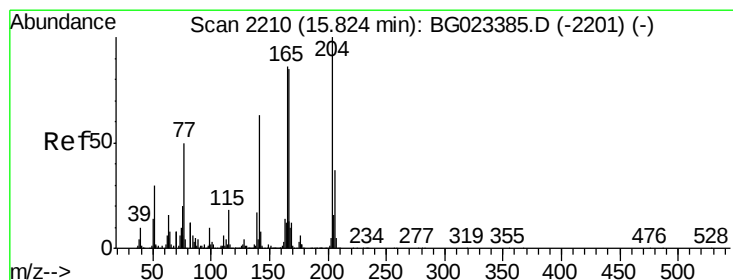
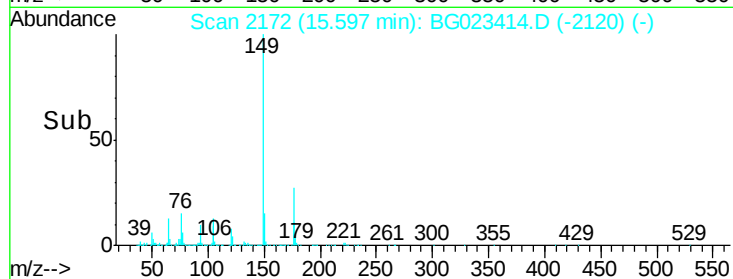
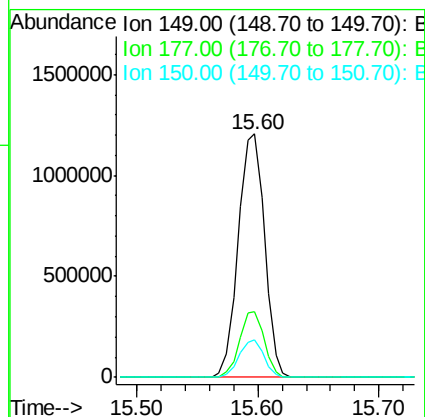
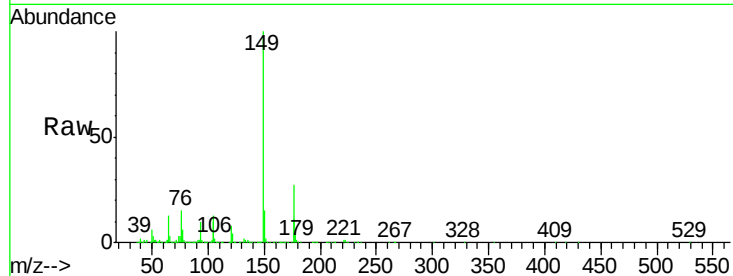




#59  
Diethylphthalate  
Concen: 51.44 ng  
RT: 15.60 min Scan# 2172  
Delta R.T. 0.00 min  
Lab File: BG023414.D  
Acq: 3 Aug 2016 3:02

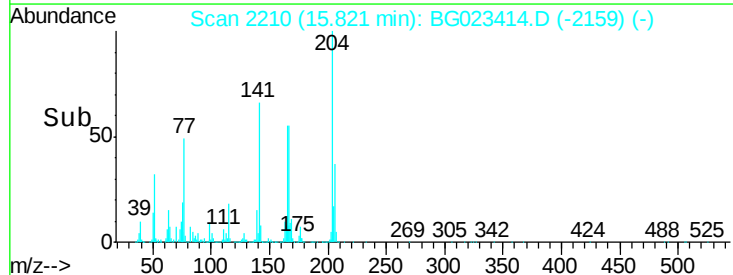
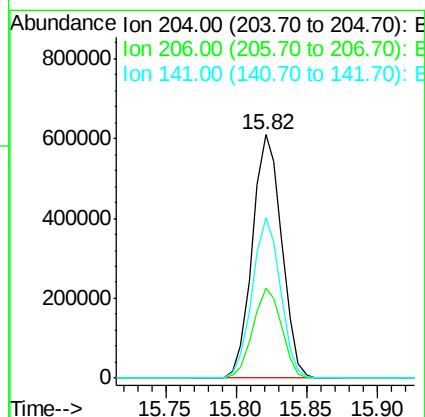
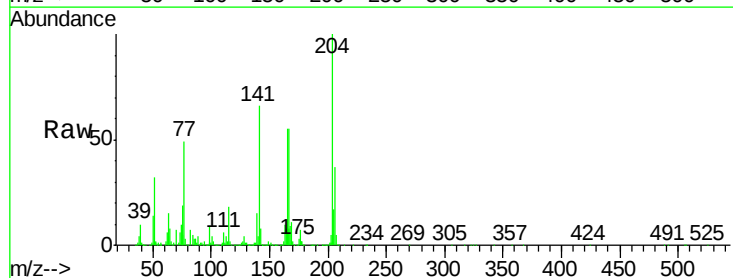
Instrument :  
BNA\_G  
ClientSampleId :  
SB-65-14.0-15.0MSD

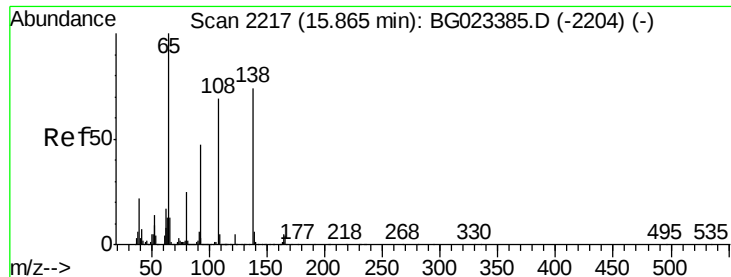
Tot Ion:149 Resp: 1832678  
Ion Ratio Lower Upper  
149 100  
177 27.1 19.2 28.8  
150 15.3 10.6 16.0



#60  
4-Chlorophenyl-phenylether  
Concen: 48.95 ng  
RT: 15.82 min Scan# 2210  
Delta R.T. -0.00 min  
Lab File: BG023414.D  
Acq: 3 Aug 2016 3:02

Tgt Ion:204 Resp: 889079  
Ion Ratio Lower Upper  
204 100  
206 36.8 28.5 42.7  
141 65.7 51.4 77.0

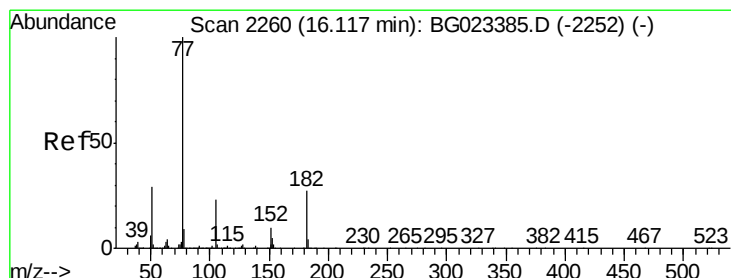
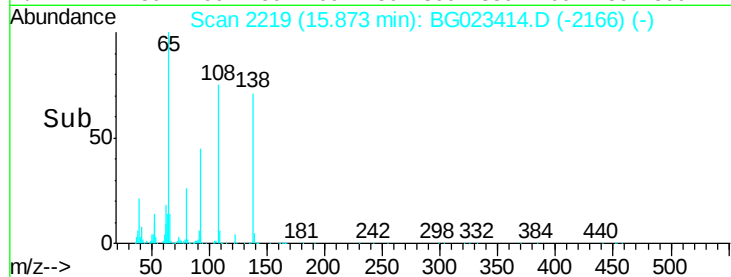
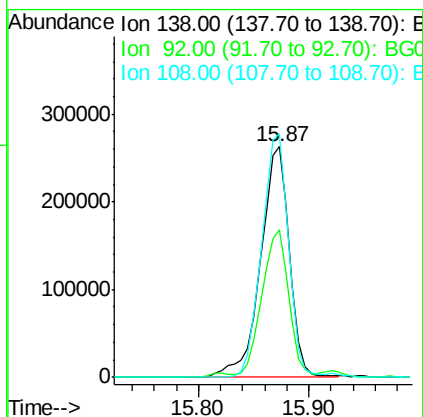
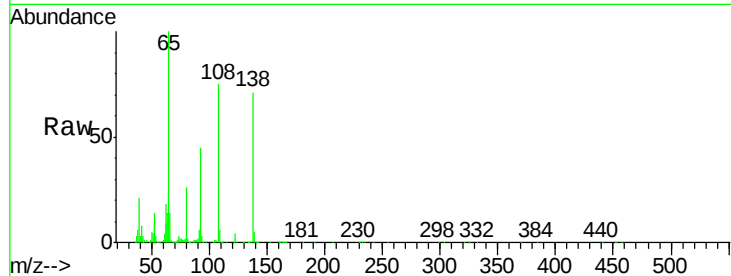




#61  
4-Nitroaniline  
Concen: 48.16 ng  
RT: 15.87 min Scan# 2219  
Delta R.T. 0.01 min  
Lab File: BG023414.D  
Acq: 3 Aug 2016 3:02

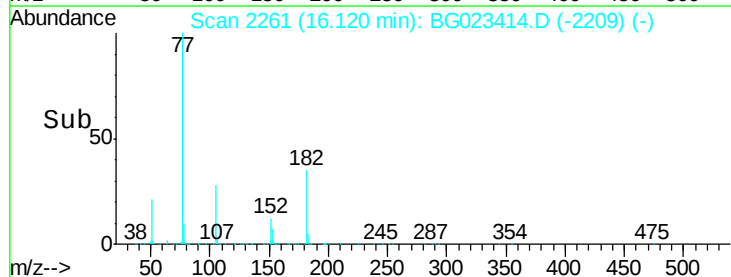
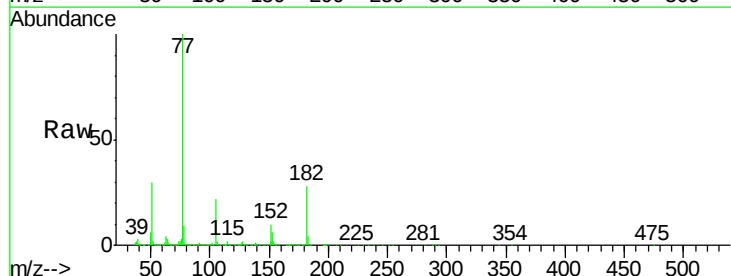
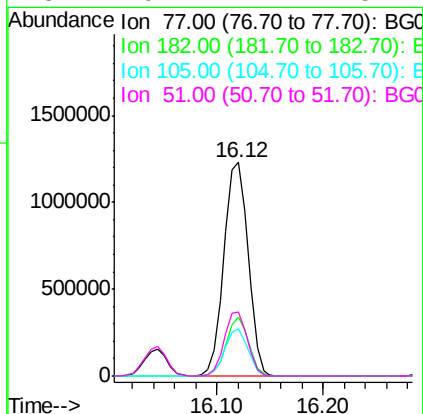
Instrument :  
BNA\_G  
ClientSampleId :  
SB-65-14.0-15.0MSD

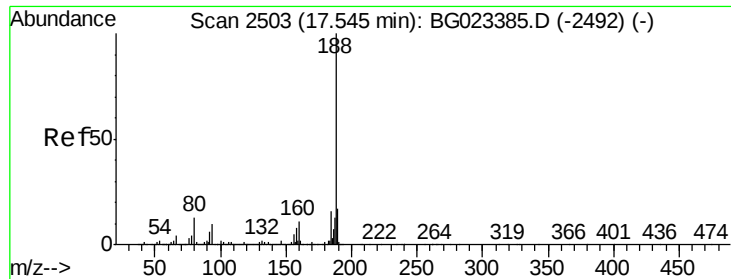
Tot Ion:138 Resp: 480553  
Ion Ratio Lower Upper  
138 100  
92 63.9 54.1 94.1  
108 105.6 133.9 173.9#



#62  
Azobenzene  
Concen: 53.97 ng  
RT: 16.12 min Scan# 2261  
Delta R.T. 0.00 min  
Lab File: BG023414.D  
Acq: 3 Aug 2016 3:02

Tgt Ion: 77 Resp: 1949072  
Ion Ratio Lower Upper  
77 100  
182 27.6 3.5 43.5  
105 22.2 0.0 38.5  
51 29.7 17.1 57.1

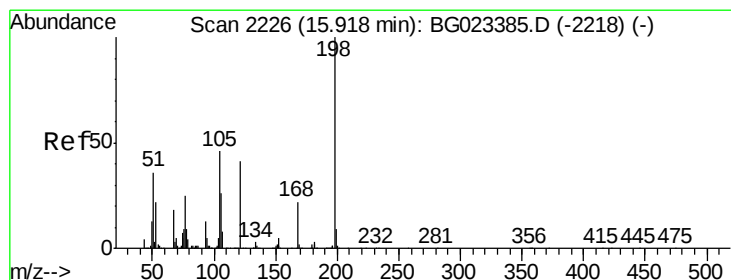
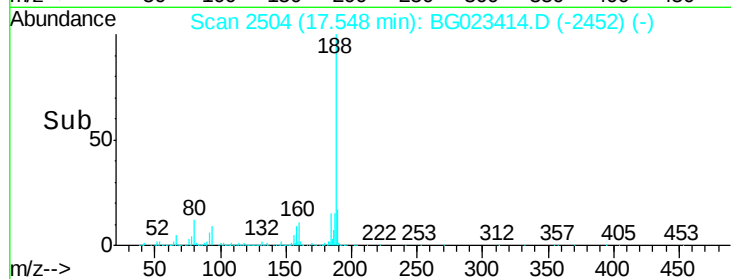
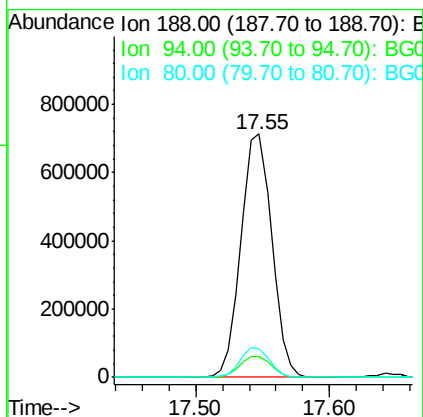
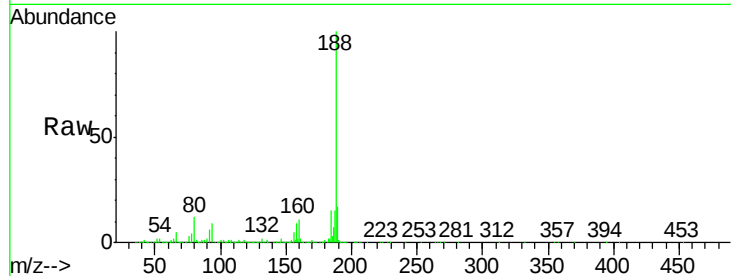




#63  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 17.55 min Scan# 2504  
Delta R.T. 0.00 min  
Lab File: BG023414.D  
Acq: 3 Aug 2016 3:02

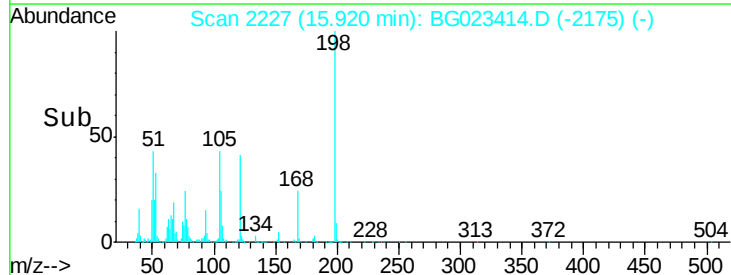
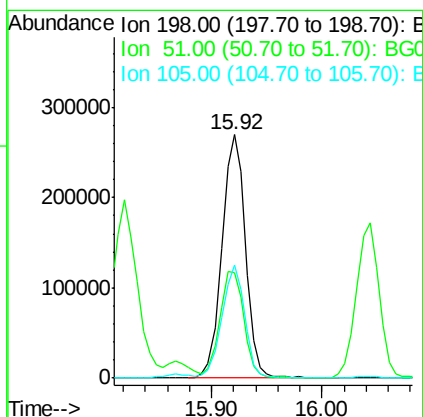
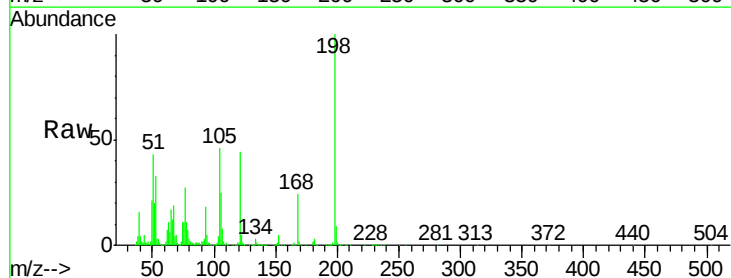
Instrument :  
BNA\_G  
ClientSampleId :  
SB-65-14.0-15.0MSD

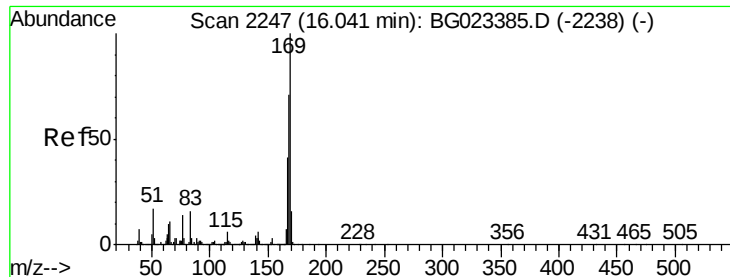
Tot Ion:188 Resp: 1143343  
Ion Ratio Lower Upper  
188 100  
94 8.6 5.2 7.8#  
80 11.6 7.2 10.8#



#64  
4,6-Dinitro-2-methylphenol  
Concen: 51.63 ng  
RT: 15.92 min Scan# 2227  
Delta R.T. 0.00 min  
Lab File: BG023414.D  
Acq: 3 Aug 2016 3:02

Tgt Ion:198 Resp: 401366  
Ion Ratio Lower Upper  
198 100  
51 43.3 26.0 66.0  
105 46.4 20.1 60.1





#65

n-Nitrosodiphenylamine

Concen: 48.22 ng

RT: 16.04 min Scan# 2248

Delta R.T. 0.00 min

Lab File: BG023414.D

Acq: 3 Aug 2016 3:02

Instrument :

BNA\_G

ClientSampleId :

SB-65-14.0-15.0MSD

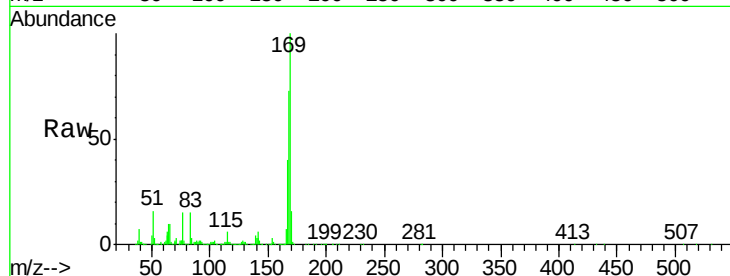
Tot Ion:169 Resp: 1617078

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 169 | 100   |       |       |
| 168 | 73.3  | 55.0  | 82.4  |
| 167 | 40.3  | 27.4  | 41.0  |

169 100

168 73.3 55.0 82.4

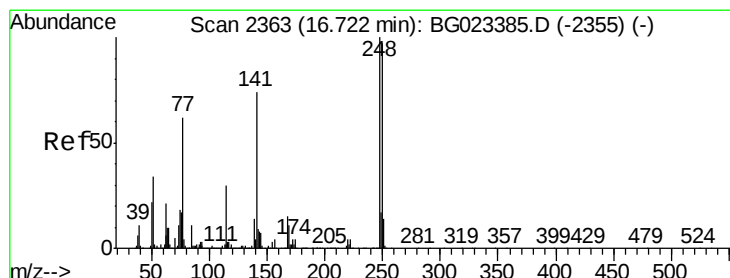
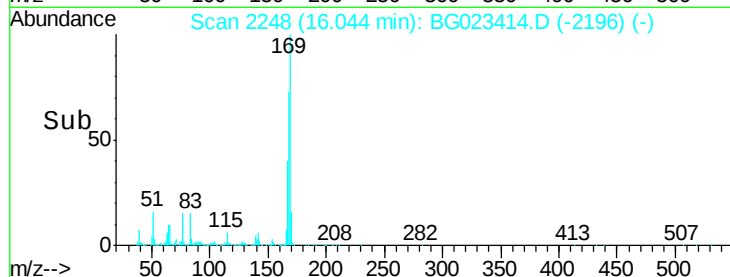
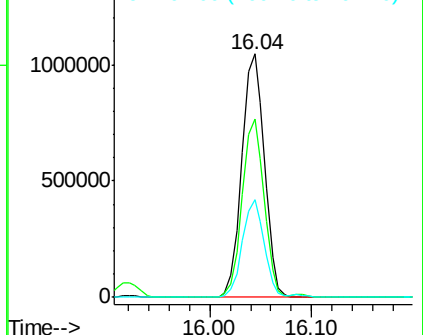
167 40.3 27.4 41.0



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: 49.66 ng

RT: 16.73 min Scan# 2364

Delta R.T. 0.00 min

Lab File: BG023414.D

Acq: 3 Aug 2016 3:02

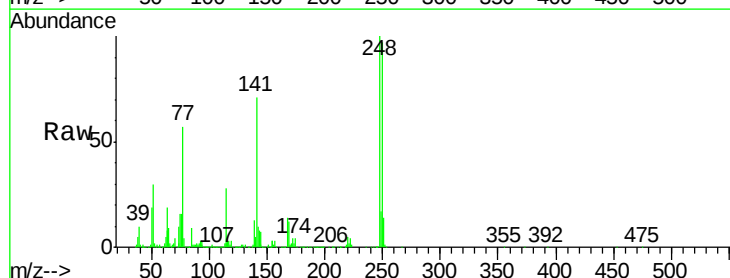
Tgt Ion:248 Resp: 661790

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 248 | 100   |       |       |
| 250 | 97.4  | 77.8  | 116.8 |
| 141 | 71.1  | 65.7  | 98.5  |

248 100

250 97.4 77.8 116.8

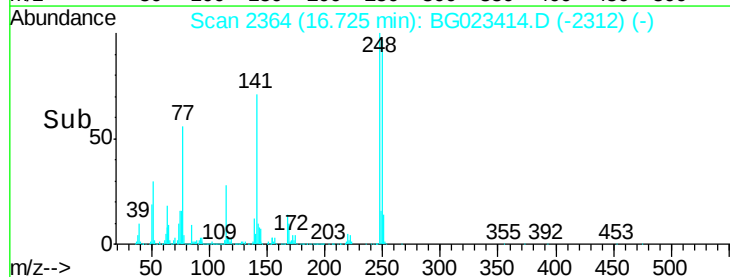
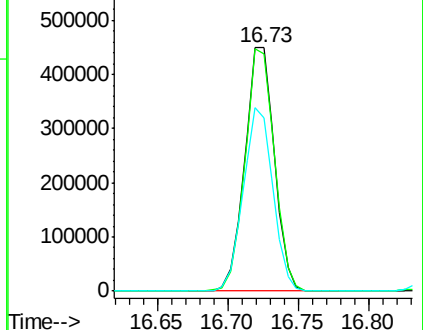
141 71.1 65.7 98.5

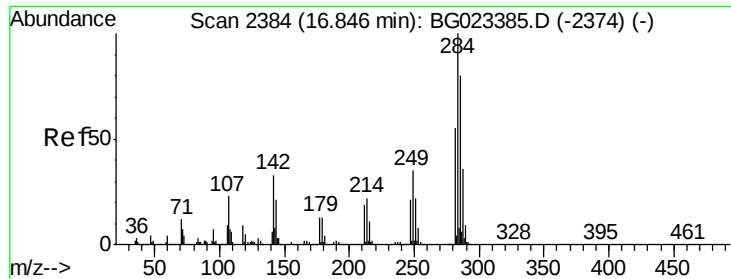


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

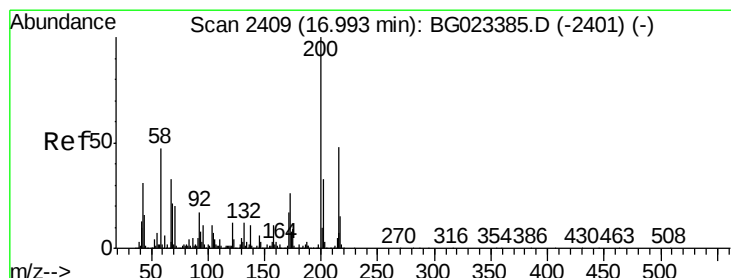
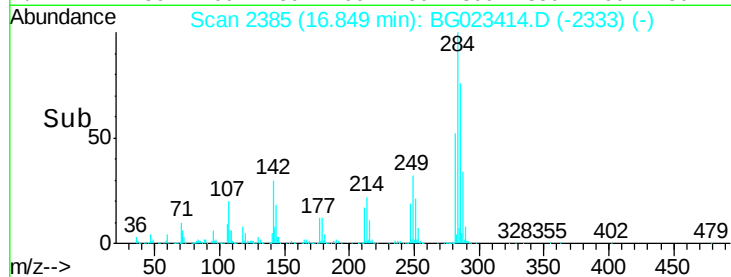
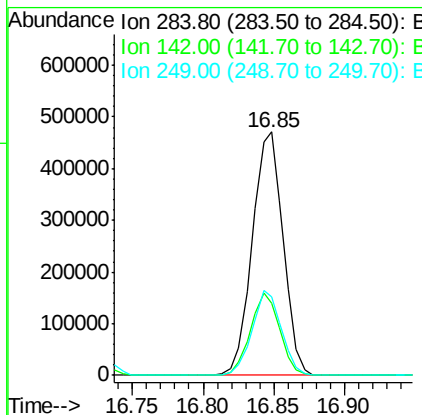
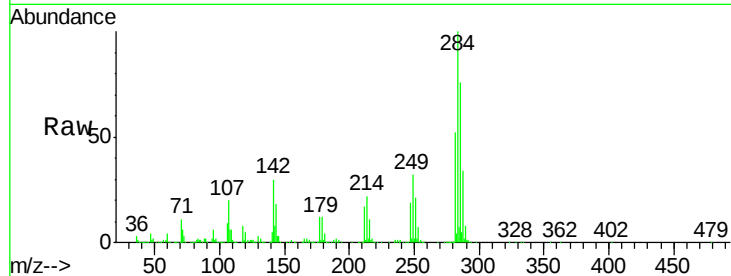




#67  
Hexachlorobenzene  
Concen: 49.44 ng  
RT: 16.85 min Scan# 2385  
Delta R.T. 0.00 min  
Lab File: BG023414.D  
Acq: 3 Aug 2016 3:02

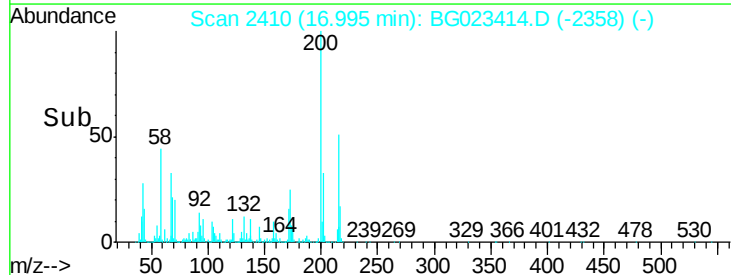
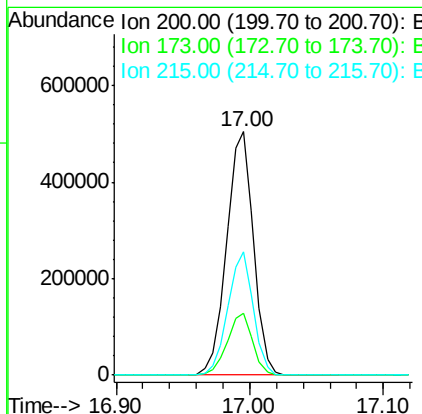
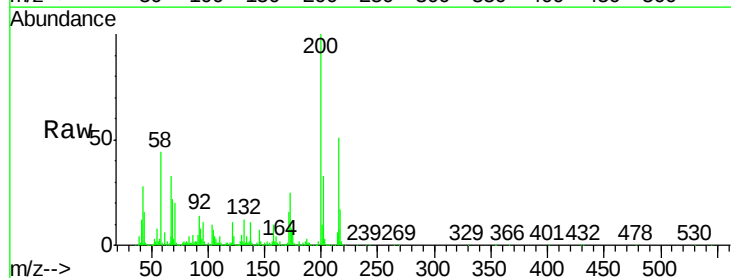
Instrument :  
BNA\_G  
ClientSampleId :  
SB-65-14.0-15.0MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 29.6  | 26.8  | 40.2  |
| 249     | 32.3  | 28.9  | 43.3  |



#68  
Atrazine  
Concen: 54.96 ng  
RT: 17.00 min Scan# 2410  
Delta R.T. 0.00 min  
Lab File: BG023414.D  
Acq: 3 Aug 2016 3:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 25.2  | 1.6   | 41.6  |
| 215     | 50.6  | 28.7  | 68.7  |

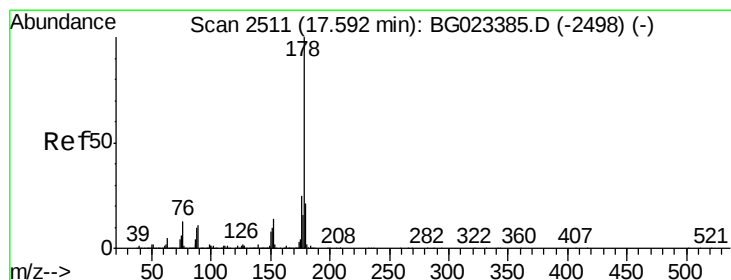
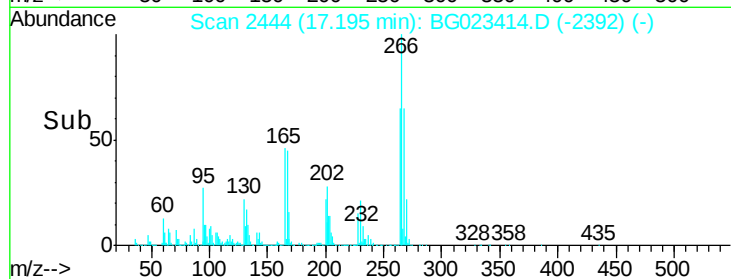
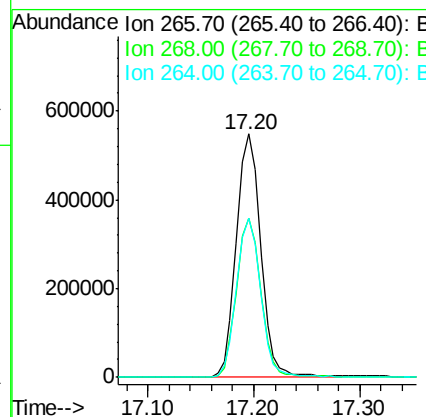
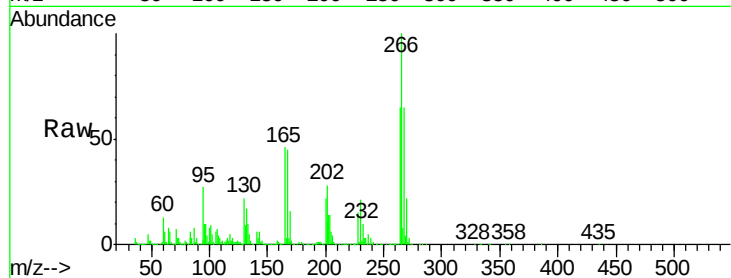




#69  
 Pentachlorophenol  
 Concen: 103.44 ng  
 RT: 17.20 min Scan# 2444  
 Delta R.T. 0.00 min  
 Lab File: BG023414.D  
 Acq: 3 Aug 2016 3:02

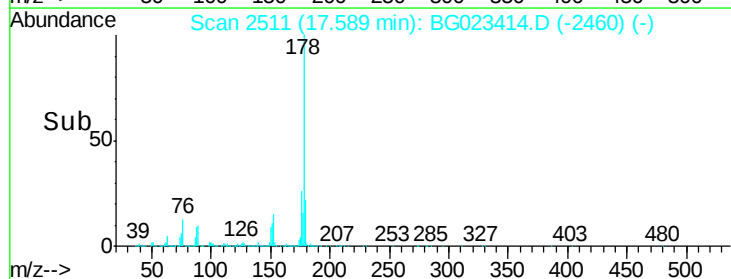
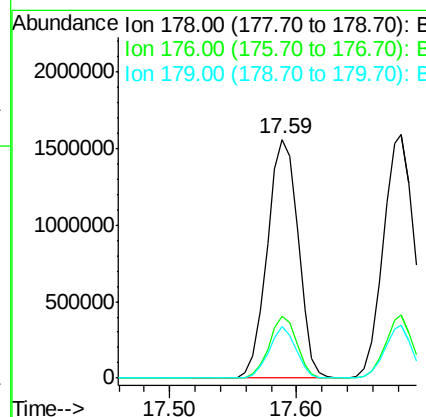
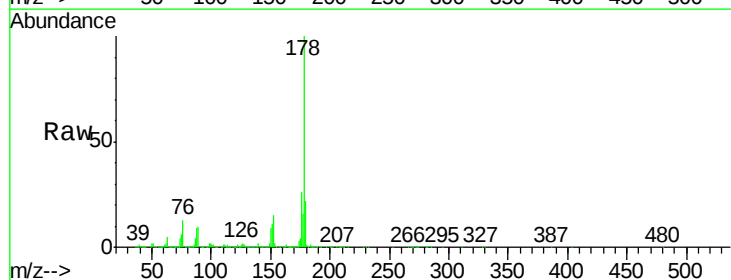
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SB-65-14.0-15.0MSD

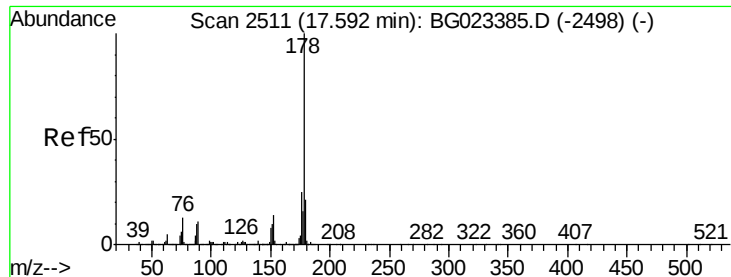
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 65.2  | 51.9  | 77.9  |
| 264     | 65.3  | 50.6  | 75.8  |



#70  
 Phenanthrene  
 Concen: 45.53 ng  
 RT: 17.59 min Scan# 2511  
 Delta R.T. -0.00 min  
 Lab File: BG023414.D  
 Acq: 3 Aug 2016 3:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 25.8  | 16.8  | 25.2# |
| 179     | 21.5  | 14.3  | 21.5# |

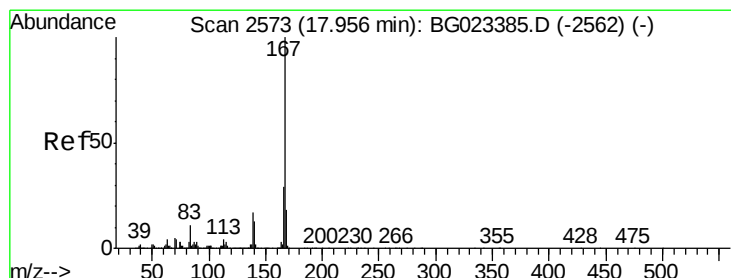
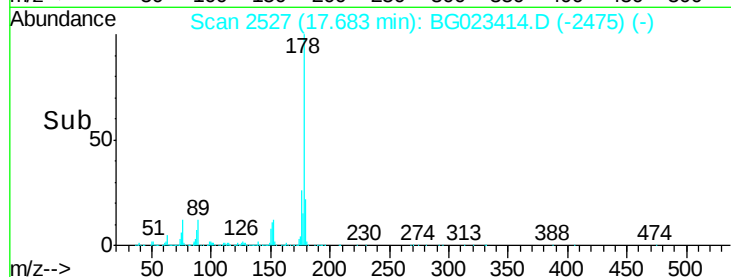
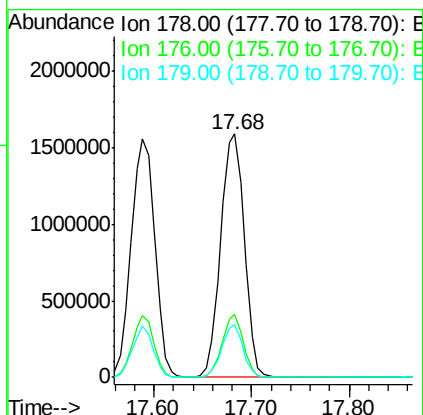
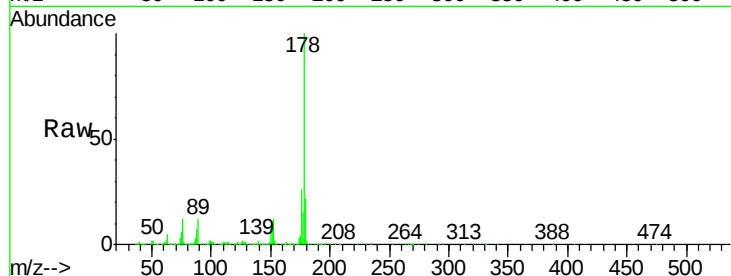




#71  
 Anthracene  
 Concen: 45.84 ng  
 RT: 17.68 min Scan# 2527  
 Delta R.T. 0.00 min  
 Lab File: BG023414.D  
 Acq: 3 Aug 2016 3:02

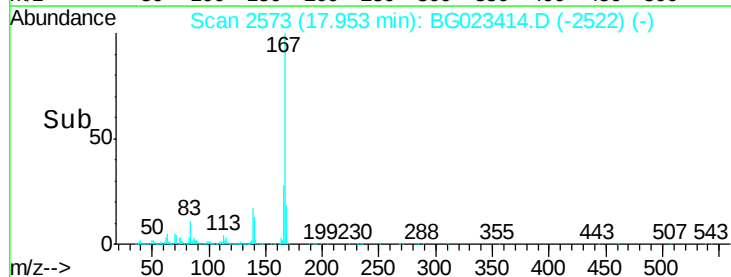
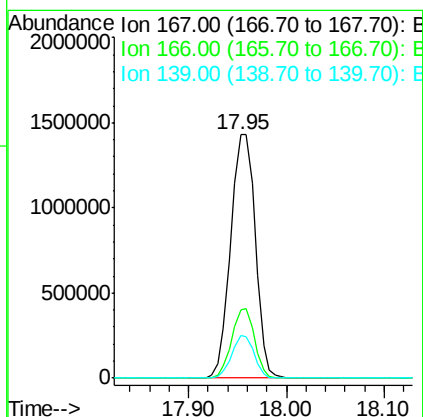
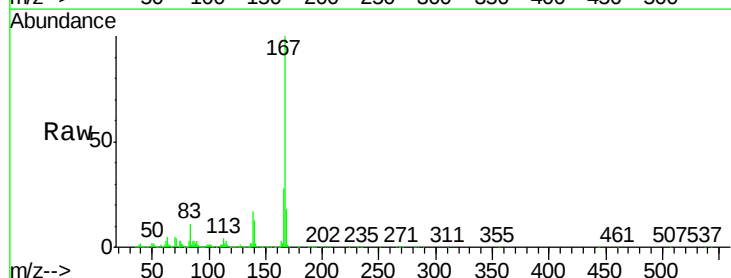
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SB-65-14.0-15.0MSD

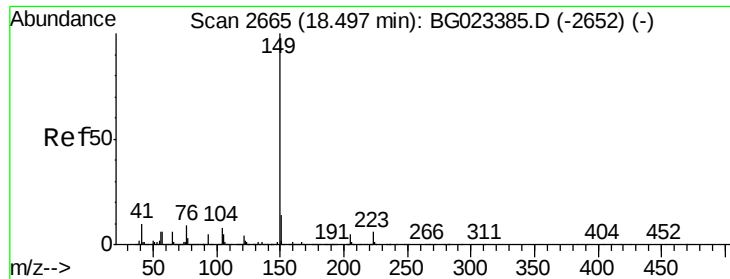
Tot Ion:178 Resp: 2674980  
 Ion Ratio Lower Upper  
 178 100  
 176 26.2 17.3 25.9#  
 179 21.6 14.0 21.0#



#72  
 Carbazole  
 Concen: 49.05 ng  
 RT: 17.95 min Scan# 2573  
 Delta R.T. -0.00 min  
 Lab File: BG023414.D  
 Acq: 3 Aug 2016 3:02

Tgt Ion:167 Resp: 2513092  
 Ion Ratio Lower Upper  
 167 100  
 166 27.9 20.7 31.1  
 139 17.3 11.9 17.9

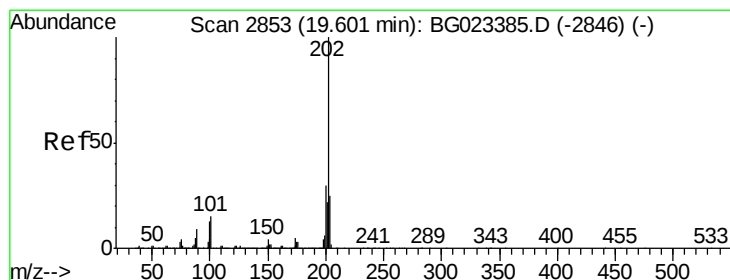
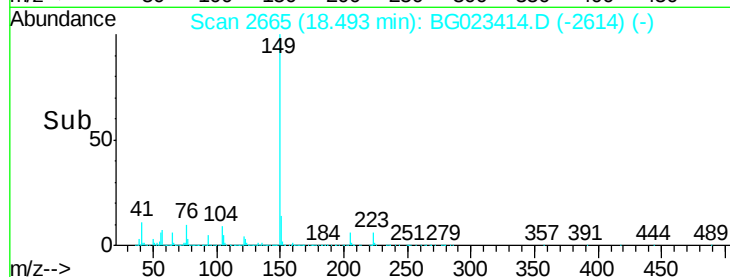
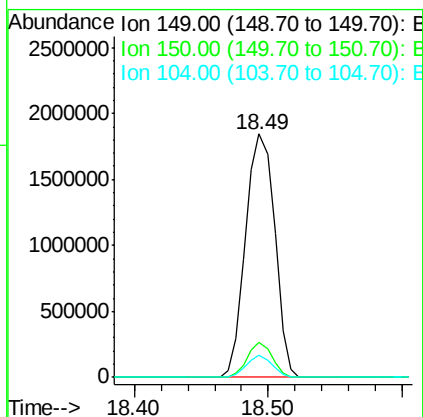
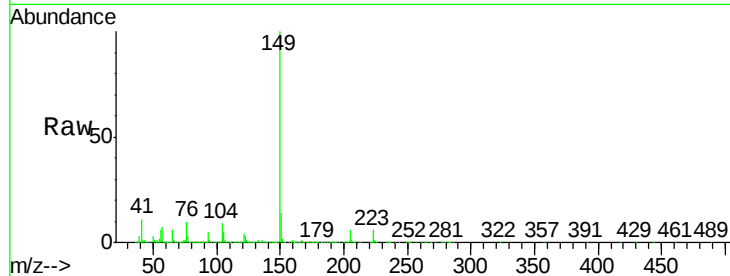




#73  
Di-n-butylphthalate  
Concen: 55.29 ng  
RT: 18.49 min Scan# 2665  
Delta R.T. -0.00 min  
Lab File: BG023414.D  
Acq: 3 Aug 2016 3:02

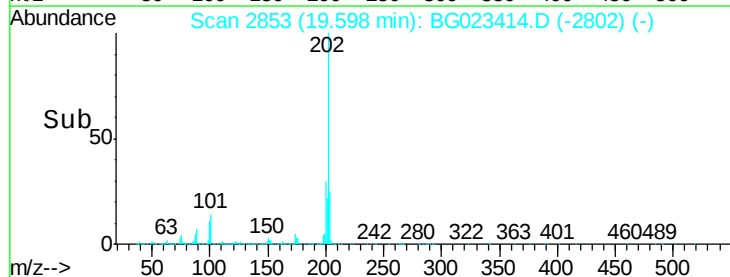
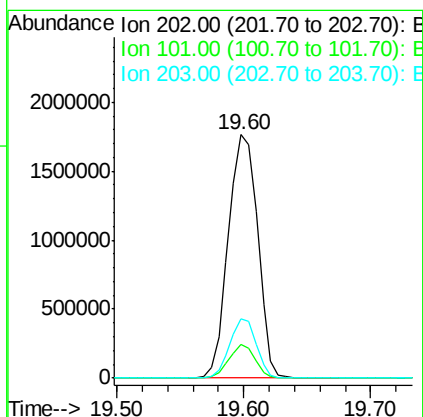
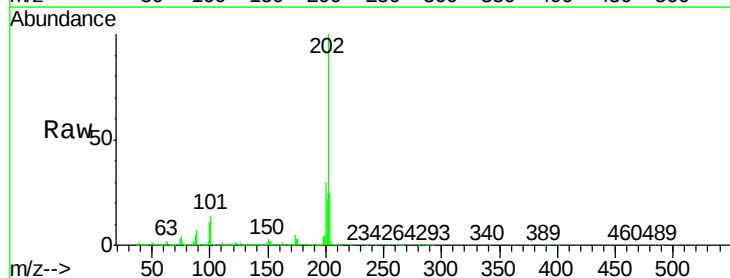
Instrument :  
BNA\_G  
ClientSampleId :  
SB-65-14.0-15.0MSD

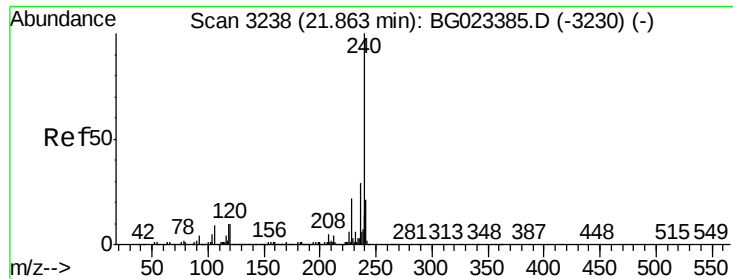
Tot Ion:149 Resp: 2781392  
Ion Ratio Lower Upper  
149 100  
150 14.2 9.1 13.7#  
104 9.3 6.9 10.3



#74  
Fluoranthene  
Concen: 53.44 ng  
RT: 19.60 min Scan# 2853  
Delta R.T. -0.00 min  
Lab File: BG023414.D  
Acq: 3 Aug 2016 3:02

Tgt Ion:202 Resp: 2827499  
Ion Ratio Lower Upper  
202 100  
101 13.6 0.0 27.4  
203 24.6 1.7 41.7

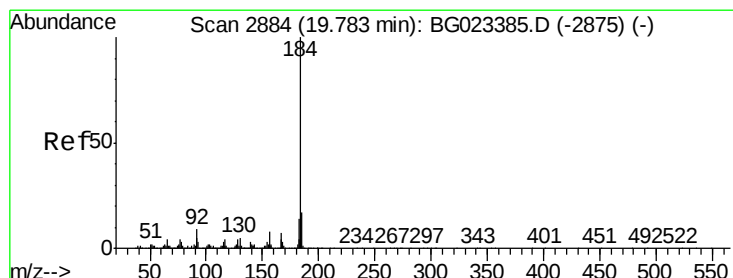
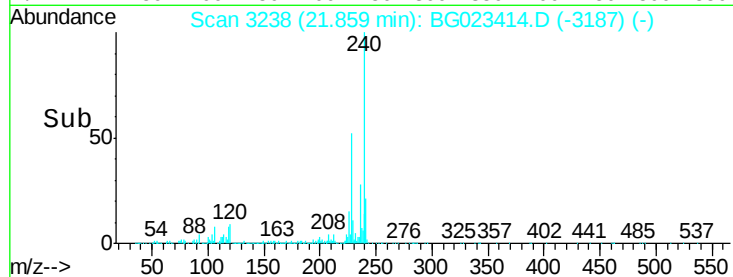
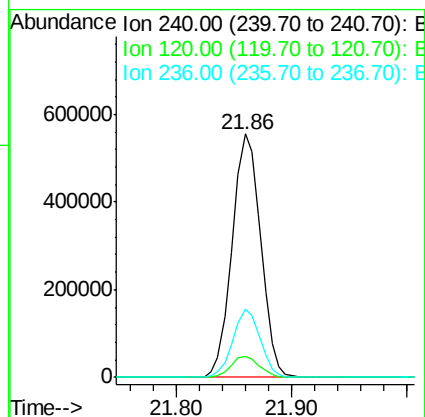
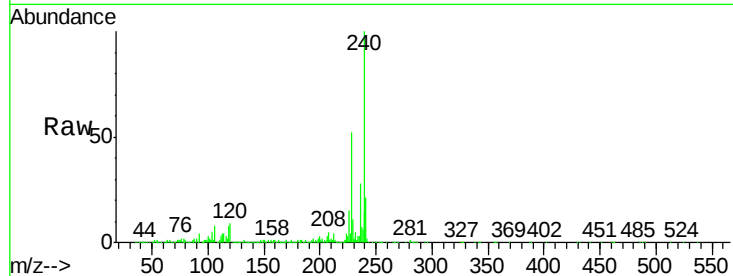




#75  
 Chrvsene-d12  
 Concen: 20.00 ng  
 RT: 21.86 min Scan# 3238  
 Delta R.T. -0.00 min  
 Lab File: BG023414.D  
 Acq: 3 Aug 2016 3:02

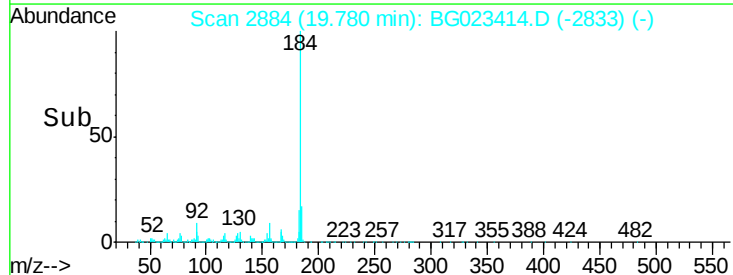
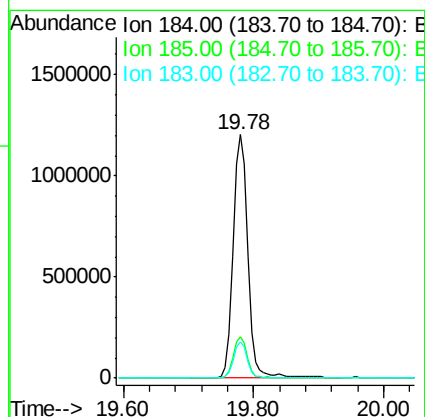
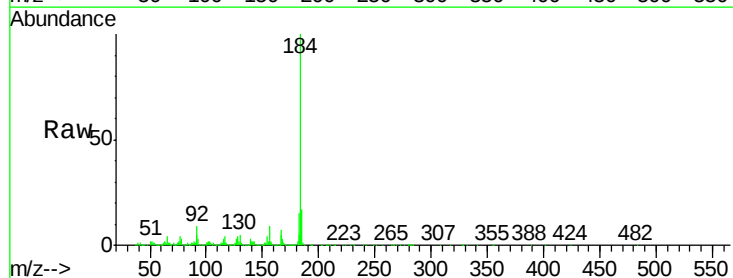
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SB-65-14.0-15.0MSD

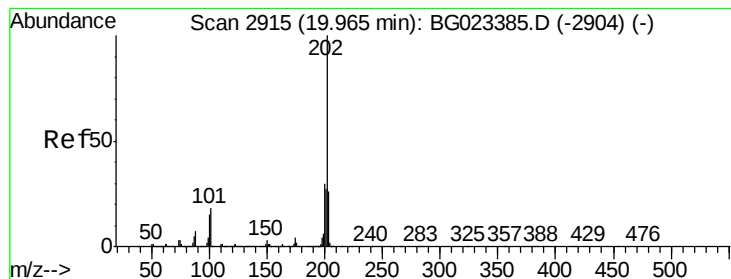
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 240     | 100   |       |       |
| 120     | 8.6   | 4.1   | 6.1#  |
| 236     | 27.9  | 21.1  | 31.7  |



#76  
 Benzidine  
 Concen: 71.56 ng  
 RT: 19.78 min Scan# 2884  
 Delta R.T. -0.00 min  
 Lab File: BG023414.D  
 Acq: 3 Aug 2016 3:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 185     | 17.2  | 12.6  | 19.0  |
| 183     | 15.1  | 10.7  | 16.1  |





#77

Pvrene

Concen: 53.10 ng

RT: 19.96 min Scan# 2915

Delta R.T. -0.00 min

Lab File: BG023414.D

Acq: 3 Aug 2016 3:02

Instrument :

BNA\_G

ClientSampleId :

SB-65-14.0-15.0MSD

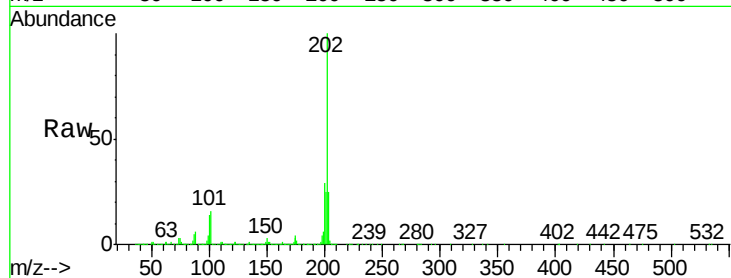
Tot Ion:202 Resp: 2769534

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 202 | 100   |       |       |
| 200 | 28.8  | 21.2  | 31.8  |
| 203 | 25.1  | 16.8  | 25.2  |

202 100

200 28.8 21.2 31.8

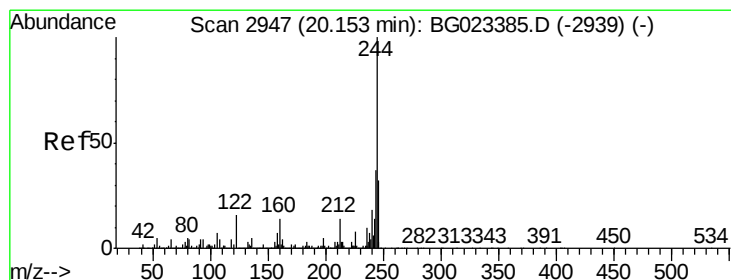
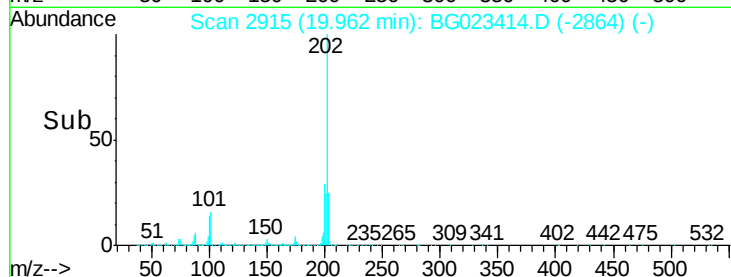
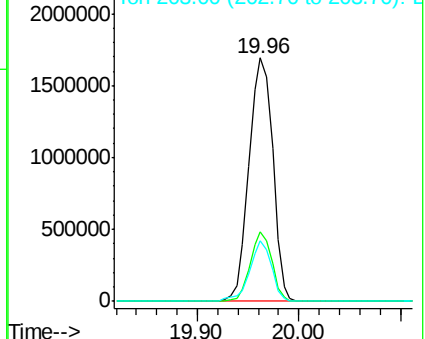
203 25.1 16.8 25.2



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: 104.55 ng

RT: 20.16 min Scan# 2948

Delta R.T. 0.00 min

Lab File: BG023414.D

Acq: 3 Aug 2016 3:02

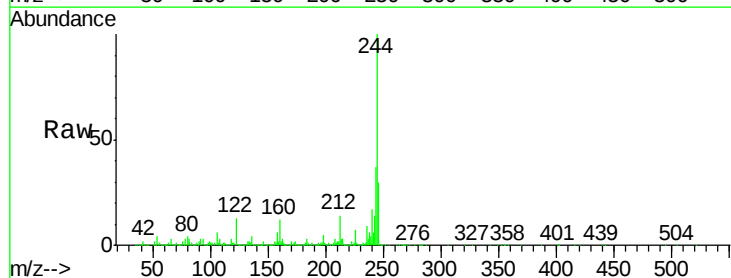
Tgt Ion:244 Resp: 3038014

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 244 | 100   |       |       |
| 212 | 13.9  | 10.8  | 16.2  |
| 122 | 13.1  | 8.0   | 12.0  |

244 100

212 13.9 10.8 16.2

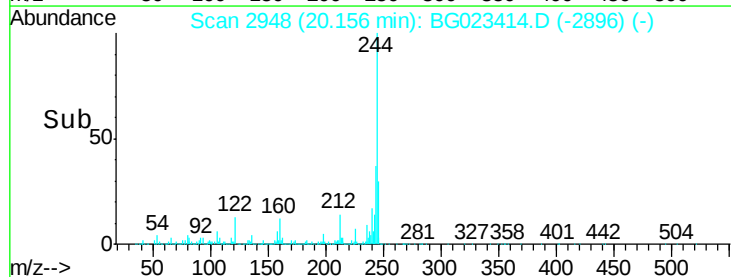
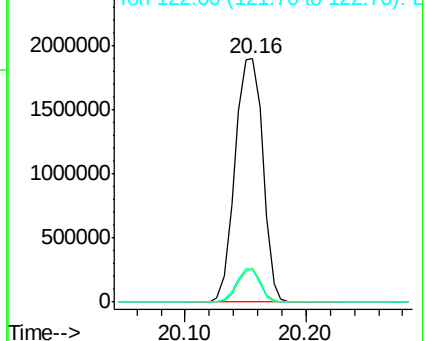
122 13.1 8.0 12.0#

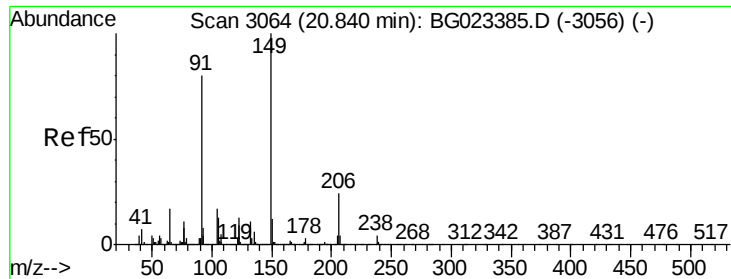


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

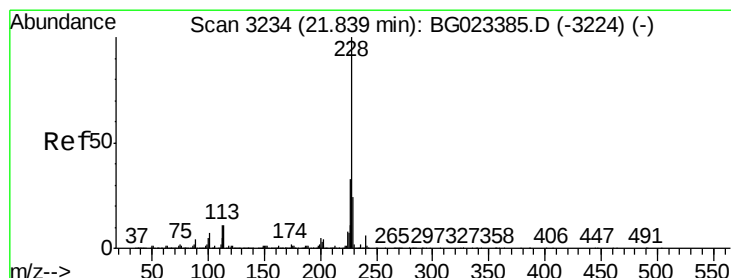
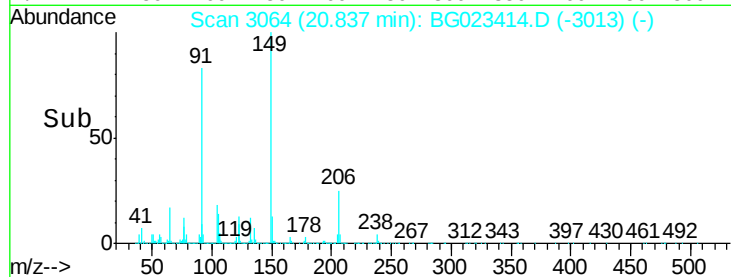
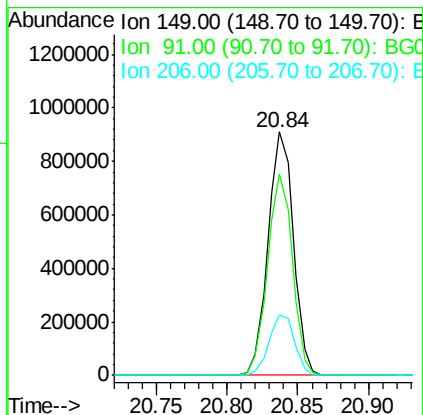
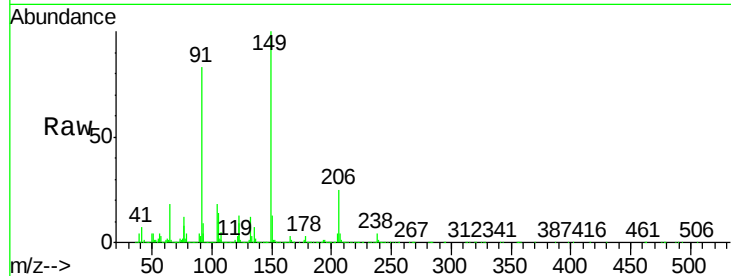




#79  
Butylbenzylphthalate  
Concen: 50.52 ng  
RT: 20.84 min Scan# 3064  
Delta R.T. -0.00 min  
Lab File: BG023414.D  
Acq: 3 Aug 2016 3:02

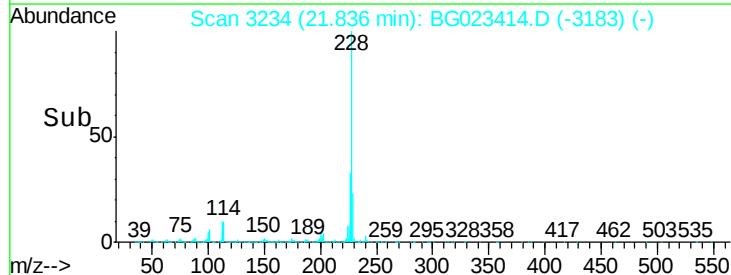
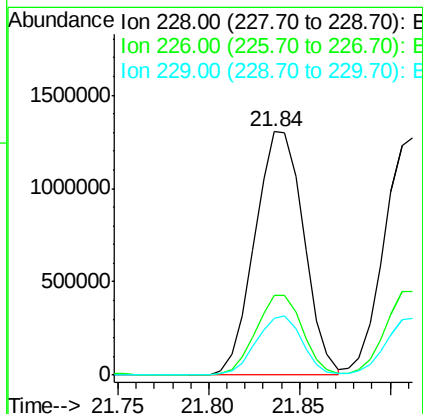
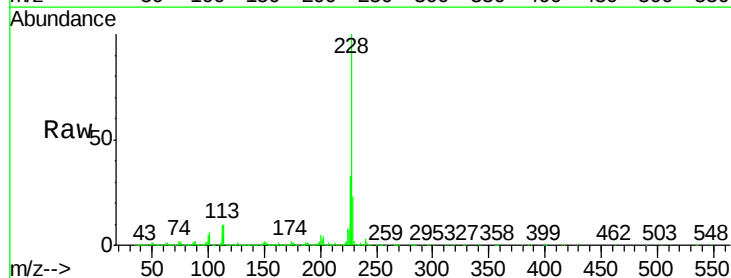
Instrument :  
BNA\_G  
ClientSampleId :  
SB-65-14.0-15.0MSD

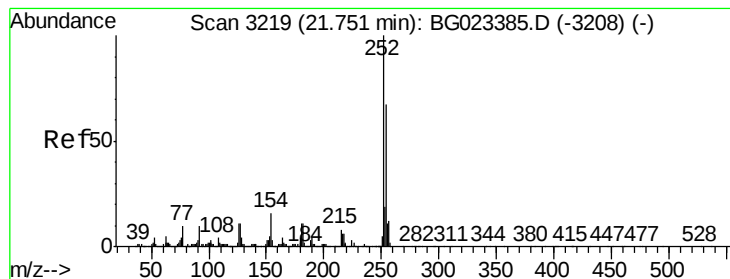
Tot Ion:149 Resp: 1154799  
Ion Ratio Lower Upper  
149 100  
91 82.8 68.1 102.1  
206 25.0 19.8 29.6



#80  
Benzo(a)anthracene  
Concen: 46.69 ng  
RT: 21.84 min Scan# 3234  
Delta R.T. -0.00 min  
Lab File: BG023414.D  
Acq: 3 Aug 2016 3:02

Tgt Ion:228 Resp: 2446536  
Ion Ratio Lower Upper  
228 100  
226 32.9 25.3 37.9  
229 23.5 19.9 29.9





#81

3,3'-Dichlorobenzidine

Concen: 36.62 ng

RT: 21.75 min Scan# 3219

Delta R.T. -0.00 min

Lab File: BG023414.D

Acq: 3 Aug 2016 3:02

Instrument :

BNA\_G

ClientSampleId :

SB-65-14.0-15.0MSD

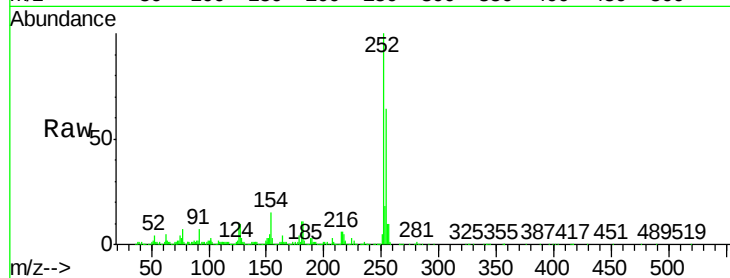
Tot Ion:252 Resp: 787058

Ion Ratio Lower Upper

252 100

254 64.2 51.2 76.8

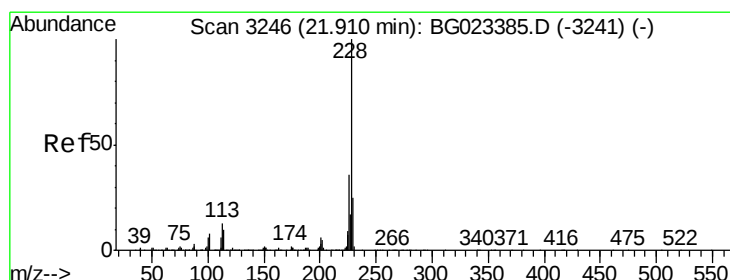
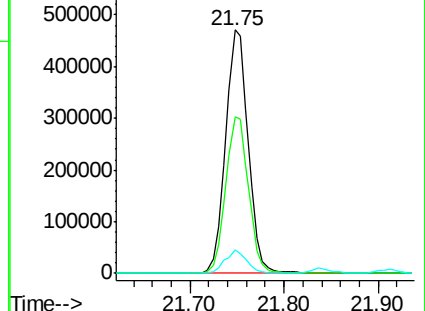
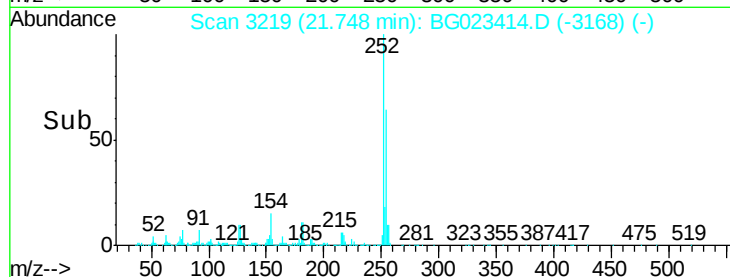
126 9.9 5.3 7.9#



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: 46.63 ng

RT: 21.91 min Scan# 3247

Delta R.T. 0.00 min

Lab File: BG023414.D

Acq: 3 Aug 2016 3:02

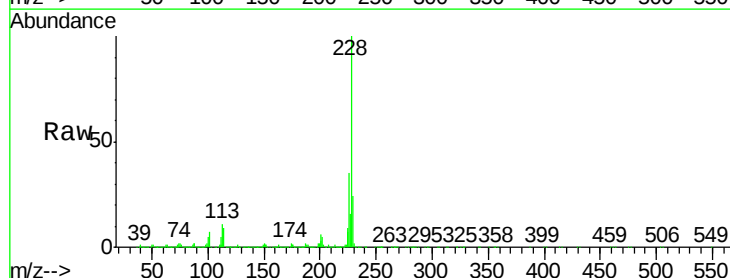
Tgt Ion:228 Resp: 2324953

Ion Ratio Lower Upper

228 100

226 35.3 26.7 40.1

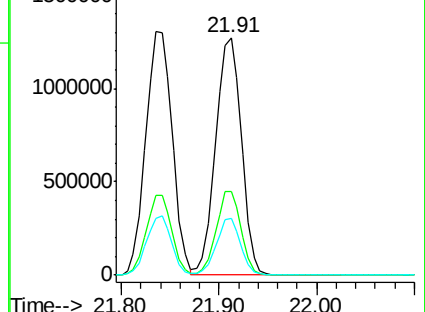
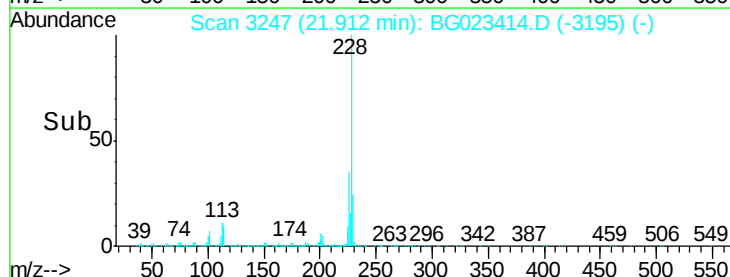
229 24.0 17.4 26.2

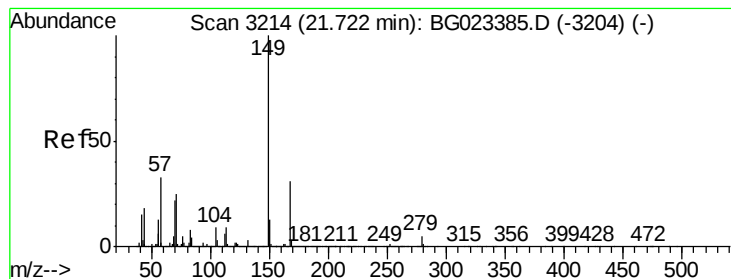


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 48.02 ng

RT: 21.72 min Scan# 3214

Delta R.T. -0.00 min

Lab File: BG023414.D

Acq: 3 Aug 2016 3:02

Instrument :

BNA\_G

ClientSampleId :

SB-65-14.0-15.0MSD

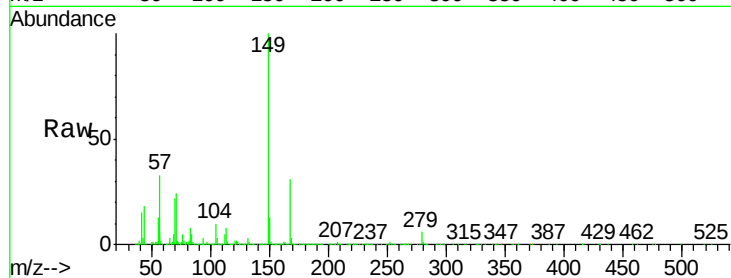
Tot Ion:149 Resp: 1503287

Ion Ratio Lower Upper

149 100

167 31.3 24.0 36.0

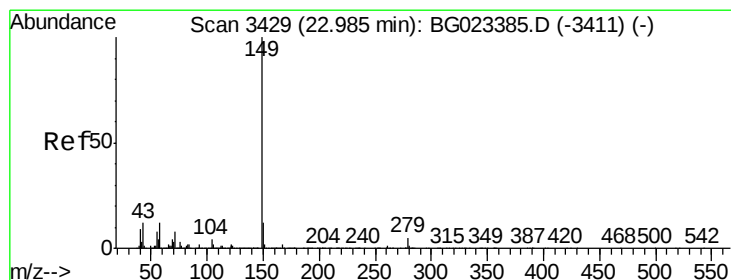
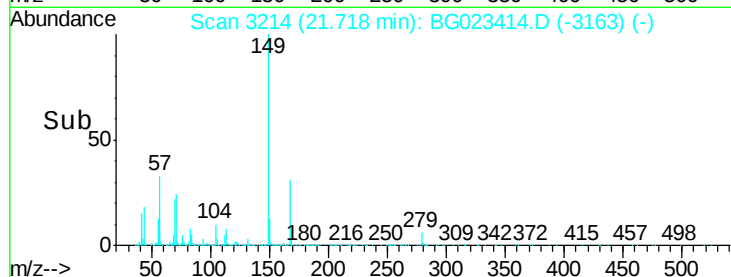
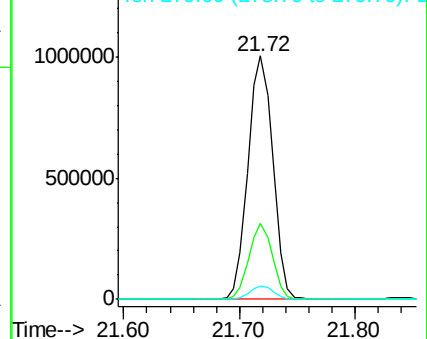
279 5.5 4.8 7.2



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



#84

Di-n-octyl phthalate

Concen: 48.07 ng

RT: 22.99 min Scan# 3430

Delta R.T. 0.00 min

Lab File: BG023414.D

Acq: 3 Aug 2016 3:02

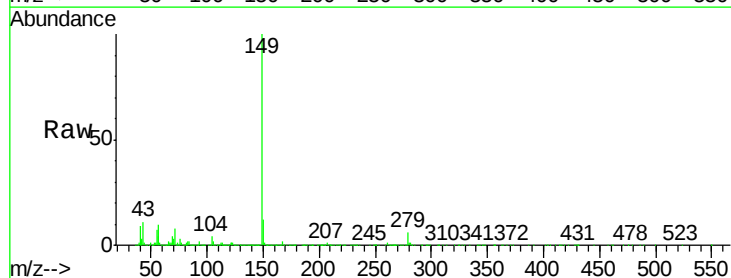
Tgt Ion:149 Resp: 2568113

Ion Ratio Lower Upper

149 100

167 2.0 1.5 2.3

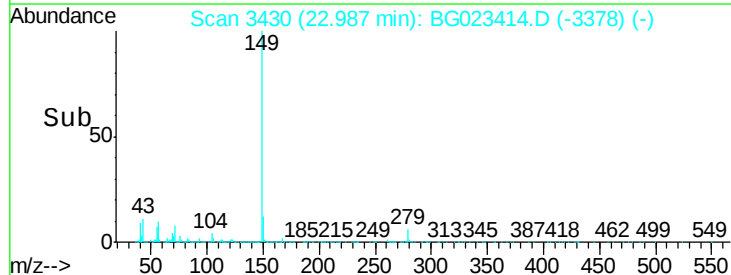
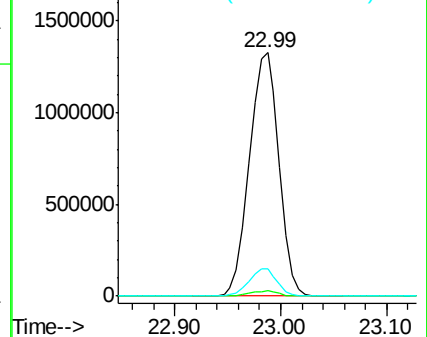
43 10.6 8.8 13.2

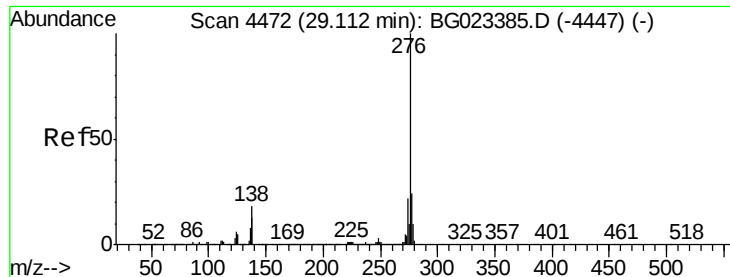


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BG0





#85

Indeno(1,2,3-cd)pyrene

Concen: 51.54 ng

RT: 29.10 min Scan# 4471

Delta R.T. -0.01 min

Lab File: BG023414.D

Acq: 3 Aug 2016 3:02

Instrument :

BNA\_G

ClientSampleId :

SB-65-14.0-15.0MSD

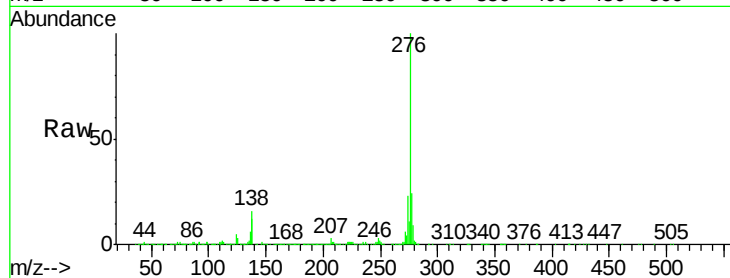
Tot Ion:276 Resp: 3210587

Ion Ratio Lower Upper

276 100

138 14.0 0.0 0.0#

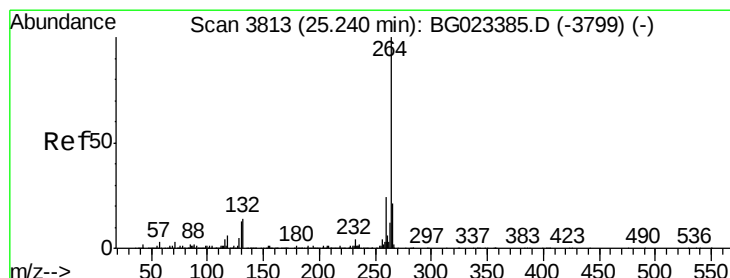
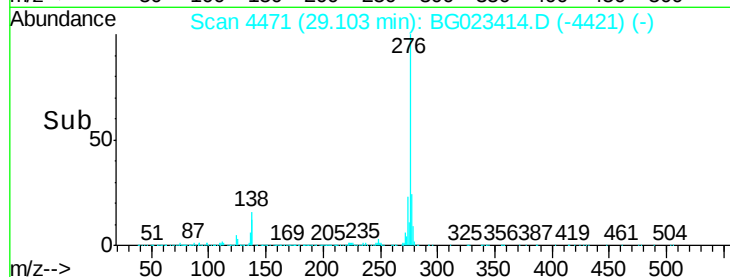
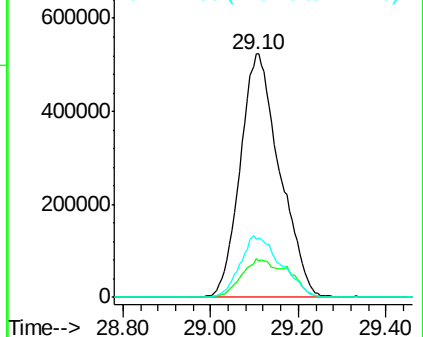
277 25.9 0.0 0.0#



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: 20.00 ng

RT: 25.24 min Scan# 3813

Delta R.T. -0.00 min

Lab File: BG023414.D

Acq: 3 Aug 2016 3:02

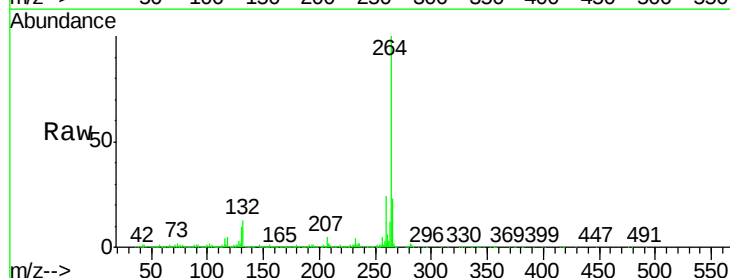
Tgt Ion:264 Resp: 966925

Ion Ratio Lower Upper

264 100

260 23.7 18.4 27.6

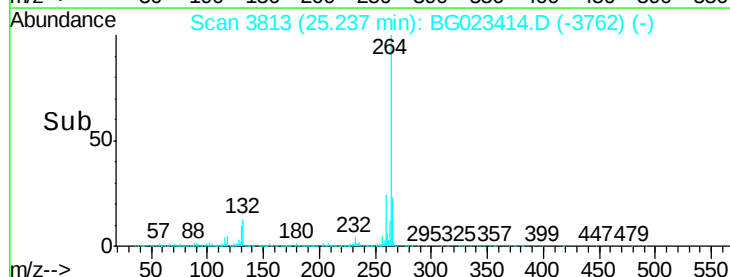
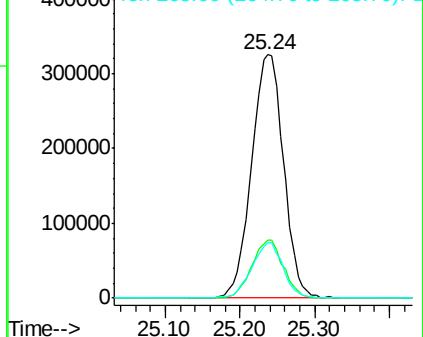
265 22.9 18.9 28.3

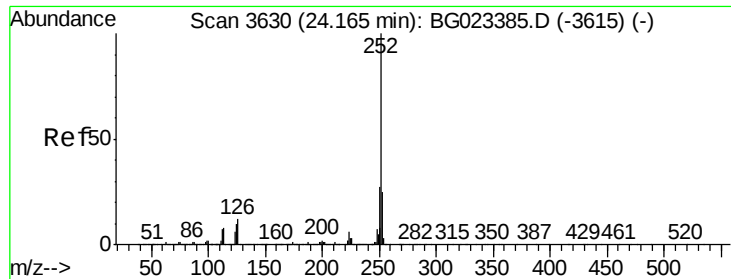


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 48.90 ng

RT: 24.16 min Scan# 3630

Delta R.T. -0.00 min

Lab File: BG023414.D

Acq: 3 Aug 2016 3:02

Instrument :

BNA\_G

ClientSampleId :

SB-65-14.0-15.0MSD

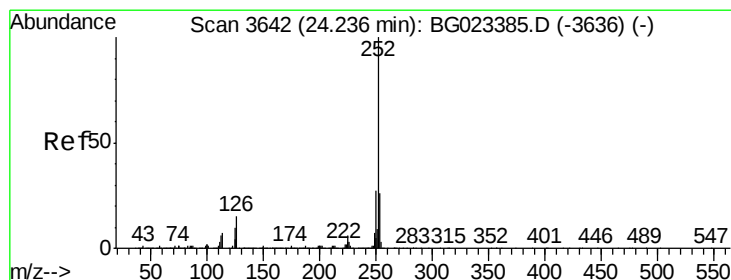
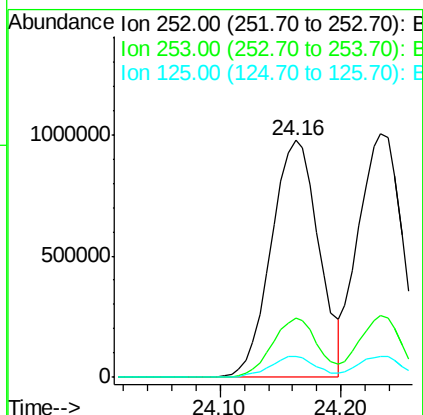
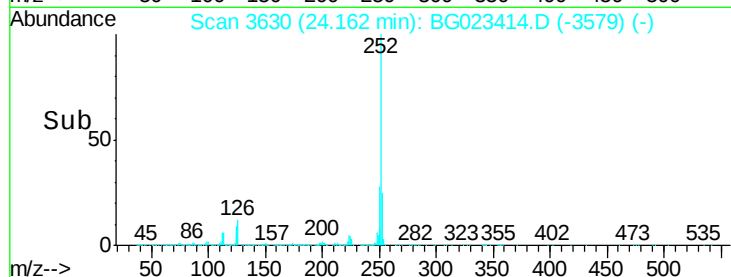
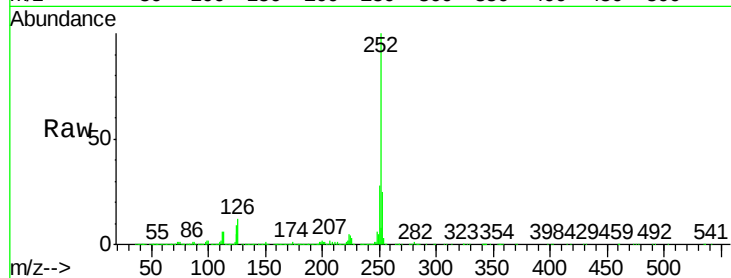
Tot Ion:252 Resp: 2660581

Ion Ratio Lower Upper

252 100

253 25.1 18.9 28.3

125 8.8 3.9 5.9#



#88

Benzo(k)fluoranthene

Concen: 48.44 ng

RT: 24.23 min Scan# 3642

Delta R.T. -0.00 min

Lab File: BG023414.D

Acq: 3 Aug 2016 3:02

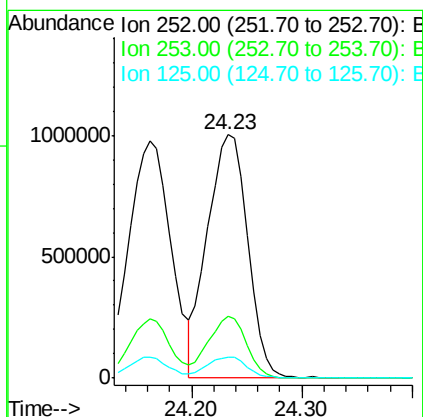
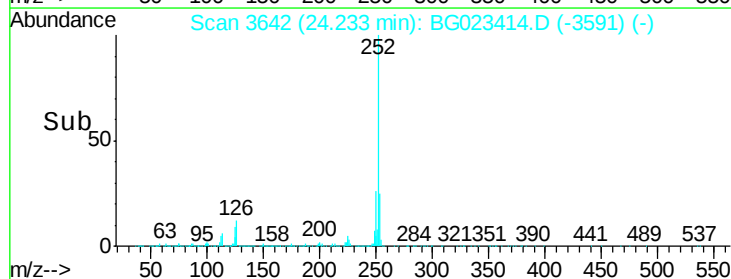
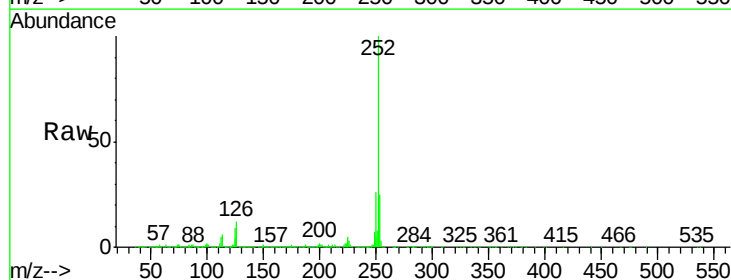
Tgt Ion:252 Resp: 2531286

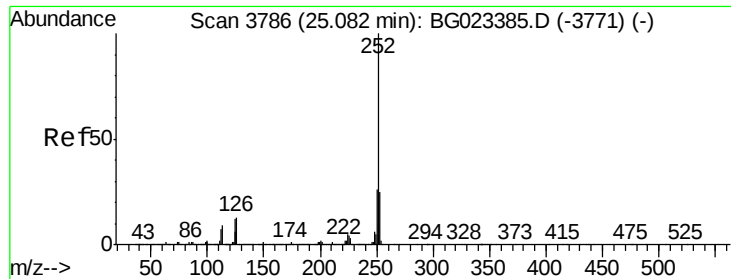
Ion Ratio Lower Upper

252 100

253 25.2 18.8 28.2

125 8.7 3.2 4.8#





#89

Benzo(a)pyrene

Concen: 49.98 ng

RT: 25.08 min Scan# 3787

Delta R.T. 0.00 min

Lab File: BG023414.D

Acq: 3 Aug 2016 3:02

Instrument :

BNA\_G

ClientSampleId :

SB-65-14.0-15.0MSD

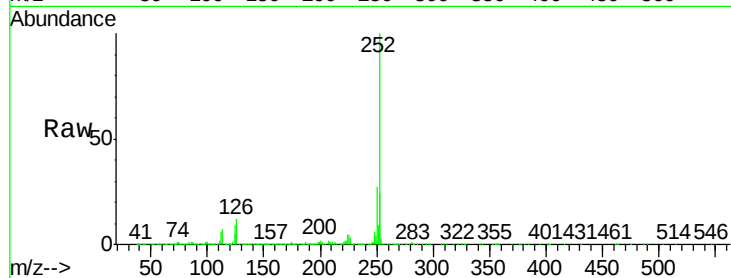
Tot Ion:252 Resp: 2586114

Ion Ratio Lower Upper

252 100

253 24.4 18.7 28.1

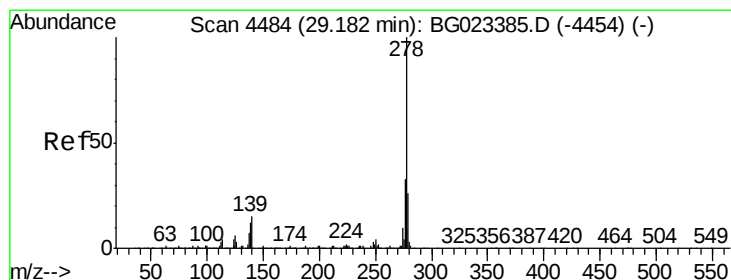
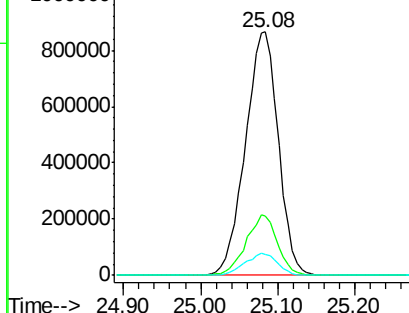
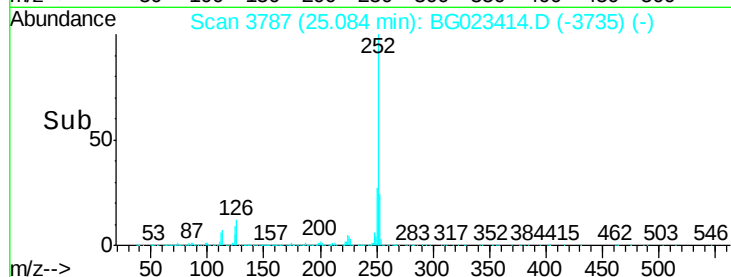
125 8.8 3.9 5.9#



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: 50.15 ng

RT: 29.17 min Scan# 4483

Delta R.T. -0.01 min

Lab File: BG023414.D

Acq: 3 Aug 2016 3:02

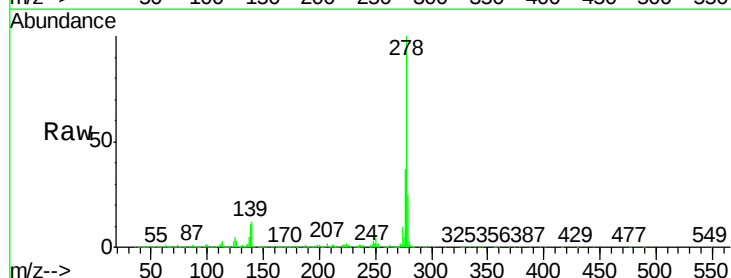
Tgt Ion:278 Resp: 2650705

Ion Ratio Lower Upper

278 100

139 12.3 4.7 7.1#

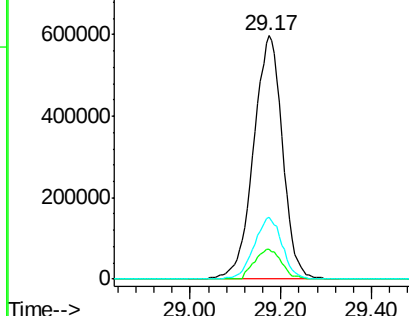
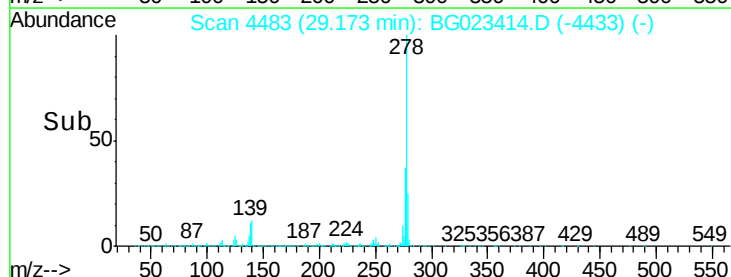
279 25.5 18.3 27.5

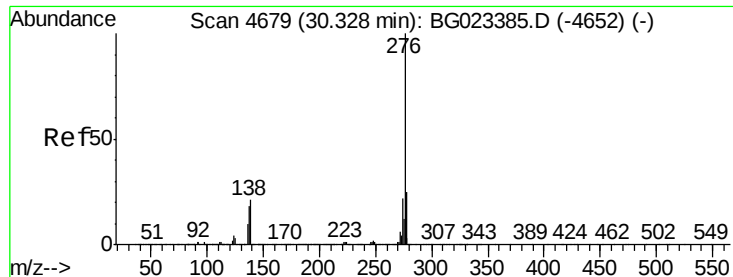


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91  
 Benzo(a,h,i)perylene  
 Concen: 49.75 ng  
 RT: 30.32 min Scan# 4679  
 Delta R.T. -0.00 min  
 Lab File: BG023414.D  
 Acq: 3 Aug 2016 3:02

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SB-65-14.0-15.0MSD

Tot Ion:276 Resp: 2648036  
 Ion Ratio Lower Upper  
 276 100  
 277 25.0 18.6 27.8  
 138 16.2 6.8 10.2#

