

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062816\  
 Data File : BG022693.D  
 Acq On : 29 Jun 2016 2:26  
 Operator : UM/SJ  
 Sample : H3769-02MS  
 Misc :  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 EPCH-B1(13-15)MS

Quant Time: Jun 29 04:01:41 2016  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG062516.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jun 24 20:14:59 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.16  | 152  | 109131   | 20.00 | ng    | -0.01    |
| 21) Naphthalene-d8        | 10.98 | 136  | 451766   | 20.00 | ng    | -0.01    |
| 38) Acenaphthene-d10      | 14.80 | 164  | 320952   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 17.56 | 188  | 877689   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 21.85 | 240  | 1023235  | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 25.21 | 264  | 1074320  | 20.00 | ng    | 0.00     |

|                             |       |     |         |        |    |       |
|-----------------------------|-------|-----|---------|--------|----|-------|
| System Monitoring Compounds |       |     |         |        |    |       |
| 5) 2-Fluorophenol           | 5.71  | 112 | 796891  | 117.12 | ng | 0.00  |
| 7) Phenol-d6                | 7.30  | 99  | 1145662 | 119.46 | ng | 0.00  |
| 23) Nitrobenzene-d5         | 9.33  | 82  | 783788  | 73.43  | ng | 0.00  |
| 41) 2,4,6-Tribromophenol    | 16.29 | 330 | 667901  | 132.31 | ng | 0.00  |
| 44) 2-Fluorobiphenyl        | 13.41 | 172 | 1465629 | 72.42  | ng | -0.01 |
| 78) Terphenyl-d14           | 20.15 | 244 | 2580828 | 66.82  | ng | 0.00  |

|                                |       |     |        |        |    |      |
|--------------------------------|-------|-----|--------|--------|----|------|
| Target Compounds               |       |     |        | Qvalue |    |      |
| 2) 1,4-Dioxane                 | 3.58  | 88  | 84133  | 30.51  | ng | 96   |
| 3) Pyridine                    | 3.98  | 79  | 129588 | 16.80  | ng | 93   |
| 4) n-Nitrosodimethylamine      | 3.90  | 42  | 70918  | 16.07  | ng | 92   |
| 6) Aniline                     | 7.48  | 93  | 168580 | 13.26  | ng | 96   |
| 8) 2-Chlorophenol              | 7.72  | 128 | 137988 | 19.58  | ng | 97   |
| 9) Benzaldehyde                | 7.29  | 77  | 122751 | 36.37  | ng | 94   |
| 10) Phenol                     | 7.33  | 94  | 222012 | 21.90  | ng | 90   |
| 11) bis(2-Chloroethyl)ether    | 7.57  | 93  | 142580 | 17.09  | ng | 95   |
| 12) 1,3-Dichlorobenzene        | 8.05  | 146 | 147364 | 17.18  | ng | 98   |
| 13) 1,4-Dichlorobenzene        | 8.20  | 146 | 153805 | 17.89  | ng | 96   |
| 14) 1,2-Dichlorobenzene        | 8.51  | 146 | 144644 | 17.69  | ng | 93   |
| 15) Benzyl Alcohol             | 8.39  | 79  | 164050 | 18.49  | ng | 97   |
| 16) 2,2'-oxybis(1-Chloropropan | 8.69  | 45  | 160859 | 17.43  | ng | 98   |
| 17) 2-Methylphenol             | 8.60  | 107 | 131080 | 19.62  | ng | 88   |
| 18) Hexachloroethane           | 9.25  | 117 | 57969  | 16.29  | ng | 89   |
| 19) n-Nitroso-di-n-propylamine | 8.96  | 70  | 135350 | 16.95  | ng | 100  |
| 20) 3+4-Methylphenols          | 8.92  | 107 | 175490 | 19.07  | ng | 95   |
| 22) Acetophenone               | 8.98  | 105 | 243656 | 18.66  | ng | # 91 |
| 24) Nitrobenzene               | 9.37  | 77  | 211254 | 17.91  | ng | 94   |
| 25) Isophorone                 | 9.90  | 82  | 361810 | 17.46  | ng | 97   |
| 26) 2-Nitrophenol              | 10.09 | 139 | 81909  | 19.28  | ng | 93   |
| 27) 2,4-Dimethylphenol         | 10.14 | 122 | 144019 | 17.74  | ng | # 81 |
| 28) bis(2-Chloroethoxy)methane | 10.38 | 93  | 211723 | 18.71  | ng | 92   |
| 29) 2,4-Dichlorophenol         | 10.62 | 162 | 162881 | 20.59  | ng | 94   |
| 30) 1,2,4-Trichlorobenzene     | 10.84 | 180 | 169361 | 18.03  | ng | 97   |
| 31) Naphthalene                | 11.03 | 128 | 427692 | 18.83  | ng | 96   |
| 32) Benzoic acid               | 10.14 | 122 | 144019 | 29.36  | ng | # 8  |
| 33) 4-Chloroaniline            | 11.13 | 127 | 111453 | 11.39  | ng | 93   |
| 34) Hexachlorobutadiene        | 11.32 | 225 | 120676 | 16.53  | ng | 96   |
| 35) Caprolactam                | 11.90 | 113 | 50689  | 20.34  | ng | 88   |
| 36) 4-Chloro-3-methylphenol    | 12.25 | 107 | 195095 | 20.09  | ng | 97   |
| 37) 2-Methylnaphthalene        | 12.63 | 142 | 315056 | 17.89  | ng | 98   |
| 39) 1,2,4,5-Tetrachlorobenzene | 12.99 | 216 | 206764 | 17.06  | ng | 98   |
| 40) Hexachlorocyclopentadiene  | 12.97 | 237 | 439706 | 45.46  | ng | 98   |

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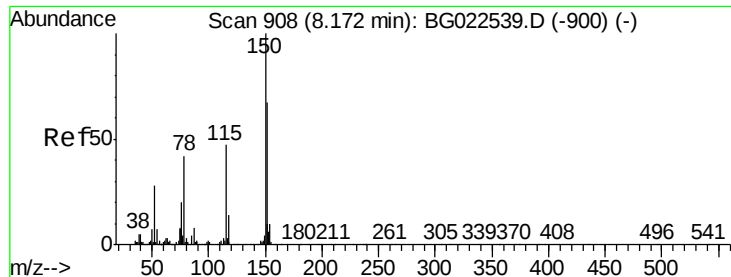
Instrument :  
 BNA\_G  
 ClientSampleId :  
 EPCH-B1(13-15)MS

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| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 13.23 | 196  | 154108   | 19.83 | nq    | 97       |
| 43) 2,4,5-Trichlorophenol      | 13.30 | 196  | 174190   | 21.43 | nq    | 97       |
| 45) 1,1'-Biphenyl              | 13.63 | 154  | 443232   | 18.13 | nq    | 97       |
| 46) 2-Chloronaphthalene        | 13.67 | 162  | 373796   | 18.58 | nq    | 96       |
| 47) 2-Nitroaniline             | 13.87 | 65   | 152166   | 19.60 | nq    | 93       |
| 48) Acenaphthylene             | 14.52 | 152  | 569607   | 19.52 | nq    | 97       |
| 49) Dimethylphthalate          | 14.24 | 163  | 808224   | 30.36 | nq    | 97       |
| 50) 2,6-Dinitrotoluene         | 14.37 | 165  | 113097   | 19.55 | nq    | # 79     |
| 51) Acenaphthene               | 14.86 | 154  | 362706   | 16.87 | nq    | 97       |
| 52) 3-Nitroaniline             | 14.70 | 138  | 96089    | 17.75 | nq    | 88       |
| 53) 2,4-Dinitrophenol          | 14.90 | 184  | 161036   | 45.19 | nq    | 88       |
| 54) Dibenzofuran               | 15.19 | 168  | 603442   | 19.38 | nq    | 97       |
| 55) 4-Nitrophenol              | 14.99 | 139  | 299480   | 65.42 | nq    | 89       |
| 56) 2,4-Dinitrotoluene         | 15.15 | 165  | 171254   | 21.37 | nq    | 97       |
| 57) Fluorene                   | 15.85 | 166  | 487338   | 19.62 | nq    | 93       |
| 58) 2,3,4,6-Tetrachlorophenol  | 15.41 | 232  | 185290   | 21.98 | nq    | # 98     |
| 59) Diethylphthalate           | 15.60 | 149  | 540007   | 19.73 | nq    | 98       |
| 60) 4-Chlorophenyl-phenylether | 15.84 | 204  | 272639   | 18.43 | nq    | 98       |
| 61) 4-Nitroaniline             | 15.86 | 138  | 115334   | 20.65 | nq    | # 77     |
| 62) Azobenzene                 | 16.13 | 77   | 536651   | 18.10 | nq    | 92       |
| 64) 4,6-Dinitro-2-methylphenol | 15.91 | 198  | 112481   | 19.11 | nq    | 96       |
| 65) n-Nitrosodiphenylamine     | 16.05 | 169  | 458931   | 17.97 | nq    | 99       |
| 66) 4-Bromophenyl-phenylether  | 16.73 | 248  | 193193   | 16.97 | nq    | 94       |
| 67) Hexachlorobenzene          | 16.85 | 284  | 206923   | 17.19 | nq    | 97       |
| 68) Atrazine                   | 16.99 | 200  | 215614   | 19.99 | nq    | 97       |
| 69) Pentachlorophenol          | 17.20 | 266  | 440724   | 53.19 | nq    | 98       |
| 70) Phenanthrene               | 17.60 | 178  | 840301   | 18.77 | nq    | 98       |
| 71) Anthracene                 | 17.69 | 178  | 852983   | 18.52 | nq    | 96       |
| 72) Carbazole                  | 17.96 | 167  | 777020   | 19.90 | nq    | 97       |
| 73) Di-n-butylphthalate        | 18.51 | 149  | 883680   | 19.43 | nq    | # 95     |
| 74) Fluoranthene               | 19.60 | 202  | 1045310  | 20.27 | nq    | 96       |
| 76) Benzidine                  | 19.78 | 184  | 730530   | 67.06 | nq    | 99       |
| 77) Pyrene                     | 19.97 | 202  | 1050789  | 19.28 | nq    | 92       |
| 79) Butylbenzylphthalate       | 20.84 | 149  | 416887   | 17.67 | nq    | 98       |
| 80) Benzo(a)anthracene         | 21.83 | 228  | 1088998  | 19.23 | nq    | 92       |
| 81) 3,3'-Dichlorobenzidine     | 21.73 | 252  | 263055   | 11.25 | nq    | 97       |
| 82) Chrysene                   | 21.89 | 228  | 1022448  | 19.22 | nq    | 95       |
| 83) Bis(2-ethylhexyl)phthalate | 21.72 | 149  | 576082   | 17.34 | nq    | 96       |
| 84) Di-n-octyl phthalate       | 22.97 | 149  | 969196   | 17.70 | nq    | # 95     |
| 85) Indeno(1,2,3-cd)pyrene     | 29.04 | 276  | 1174668  | 16.80 | nq    | # 100    |
| 87) Benzo(b)fluoranthene       | 24.13 | 252  | 1134184  | 17.56 | nq    | 98       |
| 88) Benzo(k)fluoranthene       | 24.20 | 252  | 1077766  | 17.65 | nq    | 97       |
| 89) Benzo(a)pyrene             | 25.04 | 252  | 1081112  | 17.17 | nq    | 98       |
| 90) Dibenzo(a,h)anthracene     | 29.11 | 278  | 998105   | 16.84 | nq    | 97       |
| 91) Benzo(g,h,i)perylene       | 30.24 | 276  | 965607   | 16.00 | nq    | 100      |

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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.16 min Scan# 906

Delta R.T. -0.01 min

Lab File: BG022693.D

Acq: 29 Jun 2016 2:26

Instrument :

BNA\_G

ClientSampleId :

EPCH-B1(13-15)MS

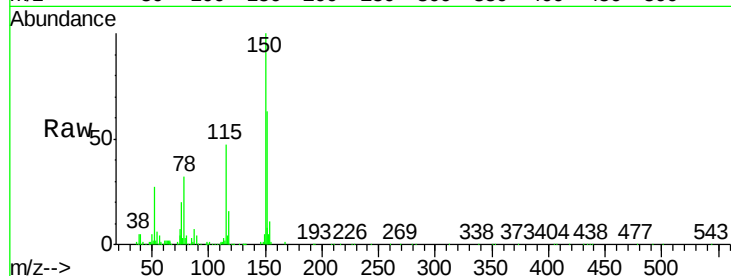
Tot Ion:152 Resp: 109131

Ion Ratio Lower Upper

152 100

150 159.2 144.7 217.1

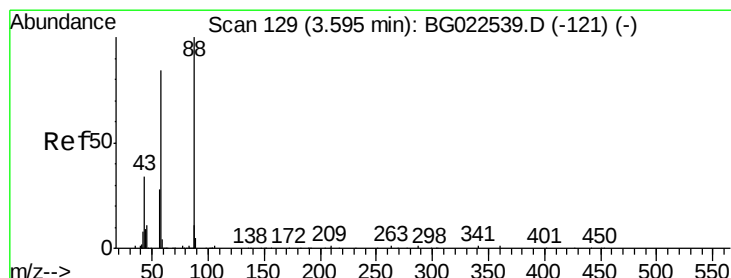
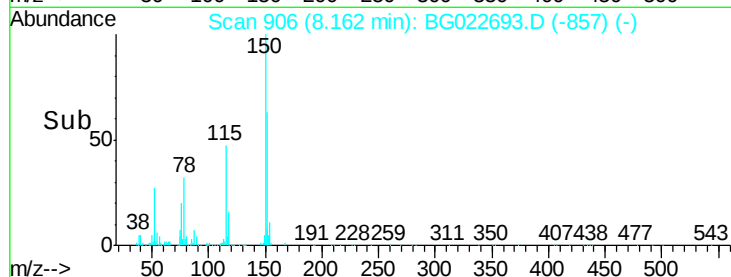
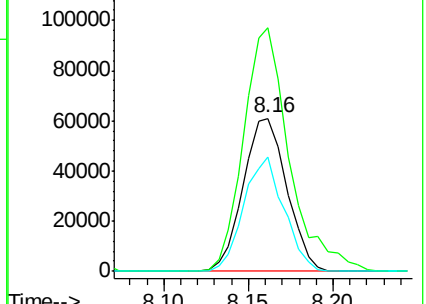
115 75.1 64.0 96.0



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: 30.51 ng

RT: 3.58 min Scan# 126

Delta R.T. -0.02 min

Lab File: BG022693.D

Acq: 29 Jun 2016 2:26

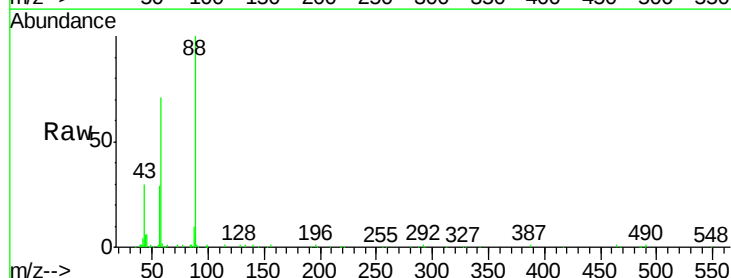
Tgt Ion: 88 Resp: 84133

Ion Ratio Lower Upper

88 100

58 72.2 60.4 90.6

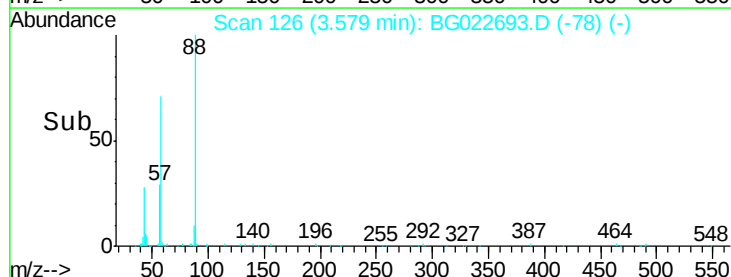
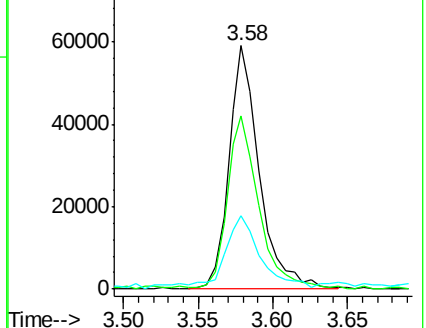
43 35.6 31.1 46.7

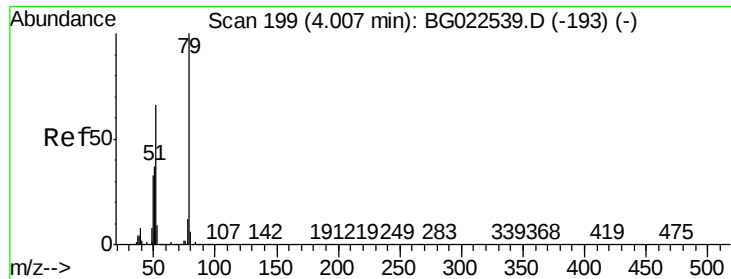


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 16.80 ng

RT: 3.98 min Scan# 195

Delta R.T. -0.02 min

Lab File: BG022693.D

Acq: 29 Jun 2016 2:26

Instrument :

BNA\_G

ClientSampleId :

EPCH-B1(13-15)MS

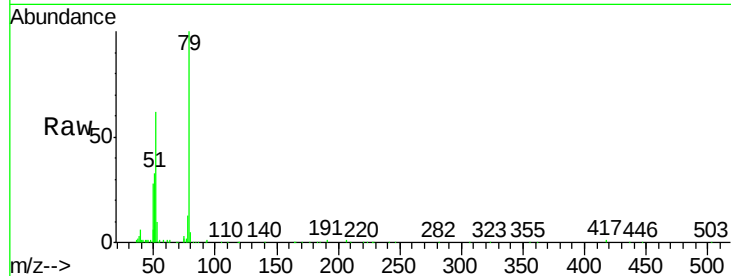
Tot Ion: 79 Resp: 129588

Ion Ratio Lower Upper

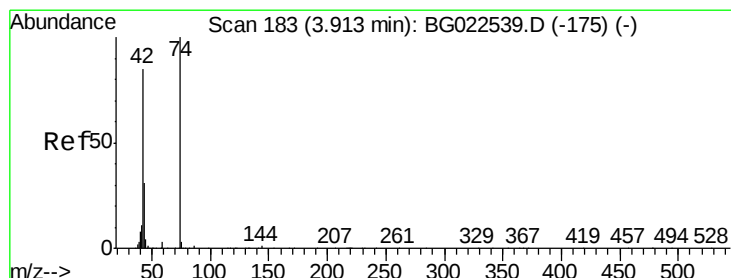
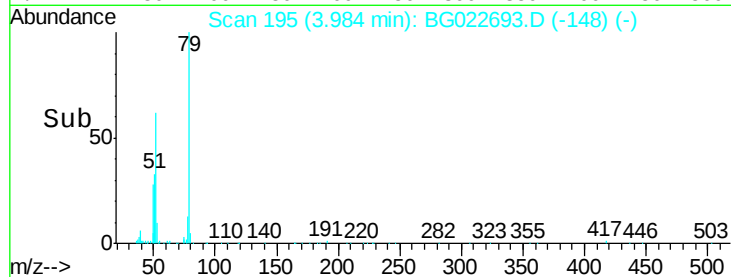
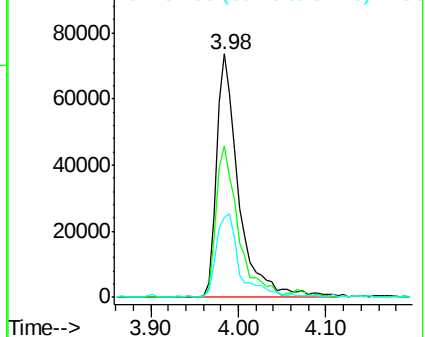
79 100

52 62.4 51.8 77.8

51 32.8 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: 16.07 ng

RT: 3.90 min Scan# 180

Delta R.T. -0.02 min

Lab File: BG022693.D

Acq: 29 Jun 2016 2:26

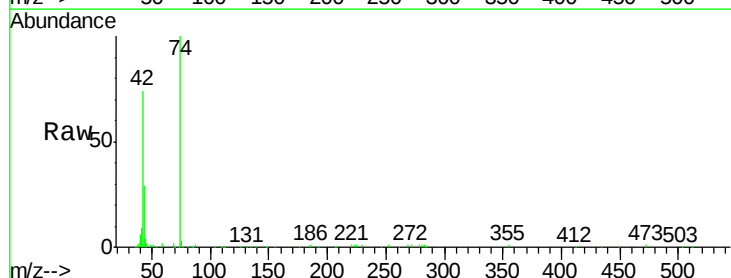
Tgt Ion: 42 Resp: 70918

Ion Ratio Lower Upper

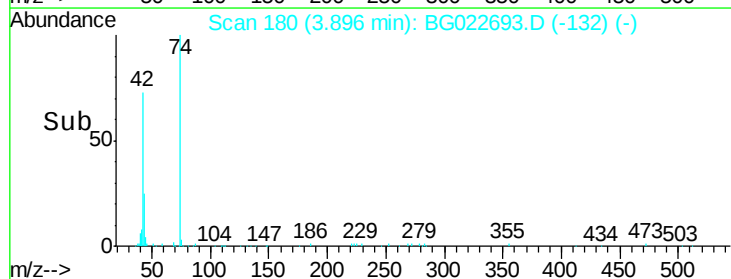
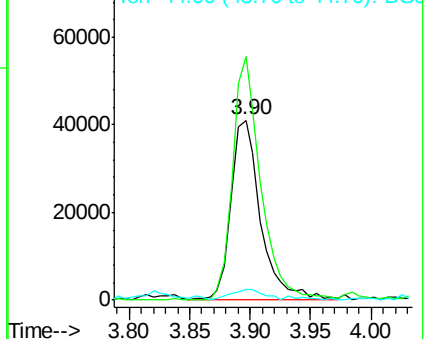
42 100

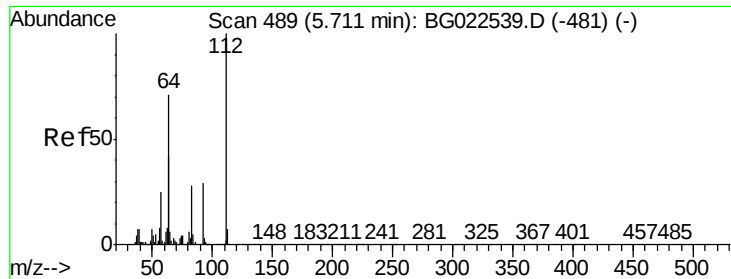
74 135.3 100.6 150.8

44 5.9 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: 117.12 ng

RT: 5.71 min Scan# 488

Delta R.T. 0.00 min

Lab File: BG022693.D

Acq: 29 Jun 2016 2:26

Instrument :

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ClientSampleId :

EPCH-B1(13-15)MS

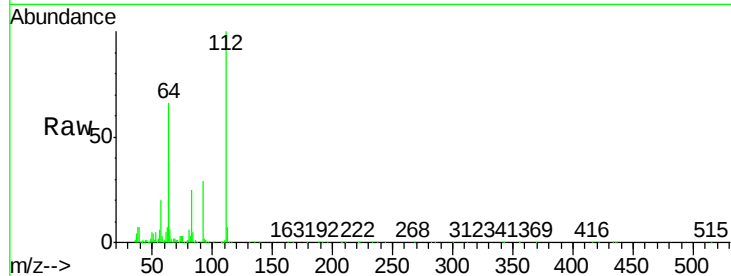
Tot Ion:112 Resp: 796891

Ion Ratio Lower Upper

112 100

64 66.4 59.0 88.4

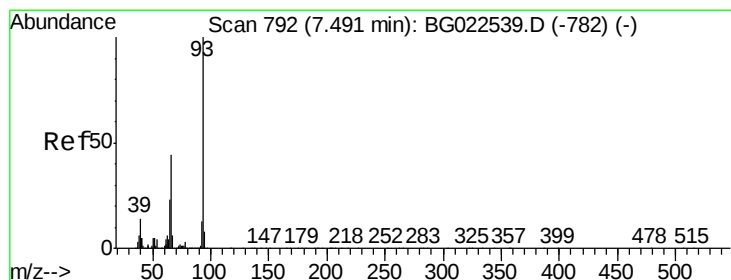
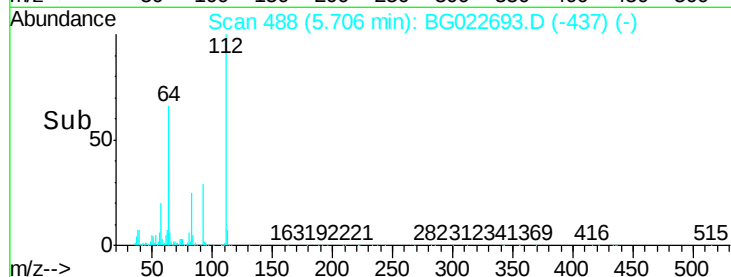
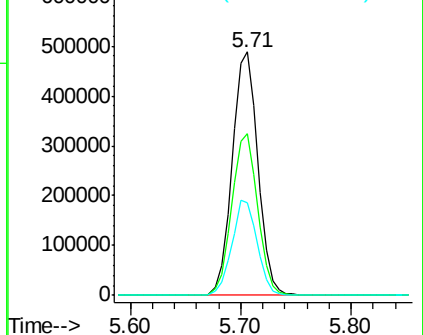
63 38.2 37.8 56.8



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 13.26 ng

RT: 7.48 min Scan# 790

Delta R.T. -0.01 min

Lab File: BG022693.D

Acq: 29 Jun 2016 2:26

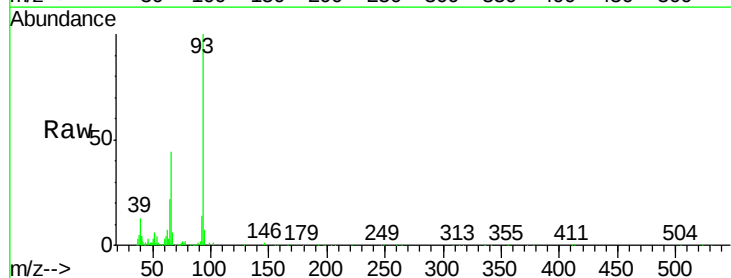
Tgt Ion: 93 Resp: 168580

Ion Ratio Lower Upper

93 100

66 43.5 37.5 56.3

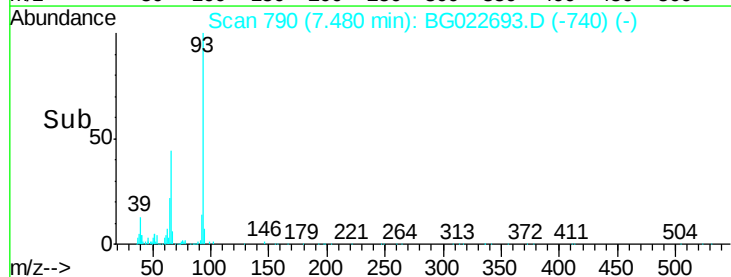
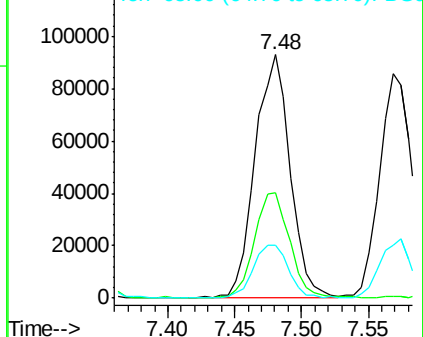
65 21.6 17.9 26.9



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: 119.46 ng

RT: 7.30 min Scan# 760

Delta R.T. 0.00 min

Lab File: BG022693.D

Acq: 29 Jun 2016 2:26

Instrument :

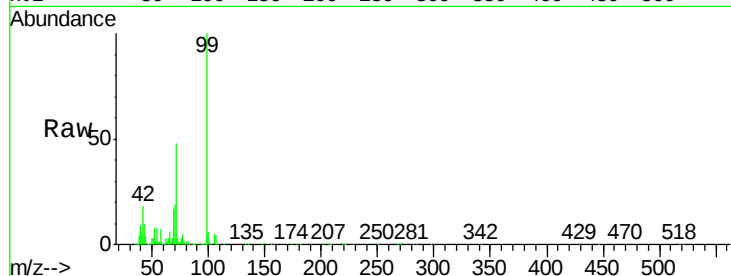
BNA\_G

ClientSampleId :

EPCH-B1(13-15)MS

Tot Ion: 99 Resp: 1145662

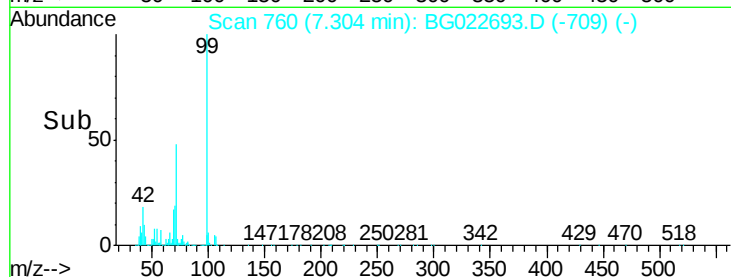
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 18.2  | 17.8  | 26.6  |
| 71  | 48.5  | 41.5  | 62.3  |



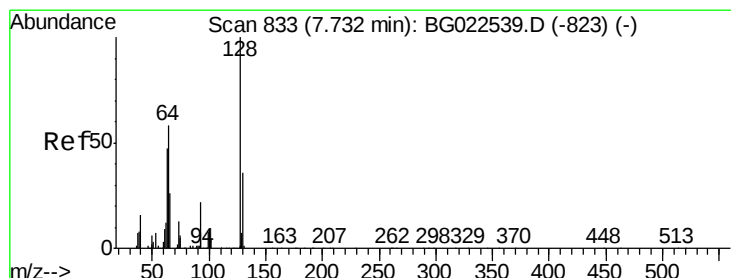
Abundance Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC



Time-->



#8

2-Chlorophenol

Concen: 19.58 ng

RT: 7.72 min Scan# 831

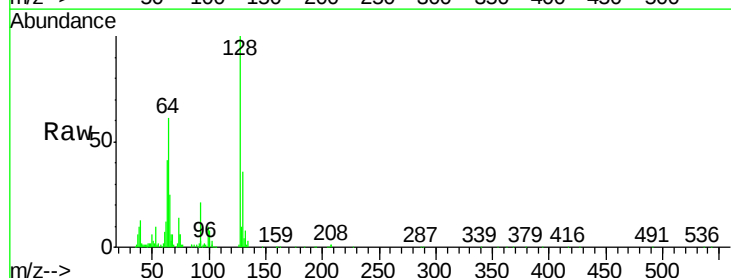
Delta R.T. -0.01 min

Lab File: BG022693.D

Acq: 29 Jun 2016 2:26

Tgt Ion: 128 Resp: 137988

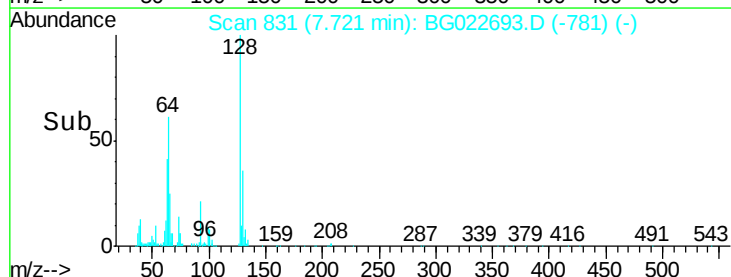
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100   |       |       |
| 130 | 35.8  | 12.9  | 52.9  |
| 64  | 60.8  | 42.0  | 82.0  |



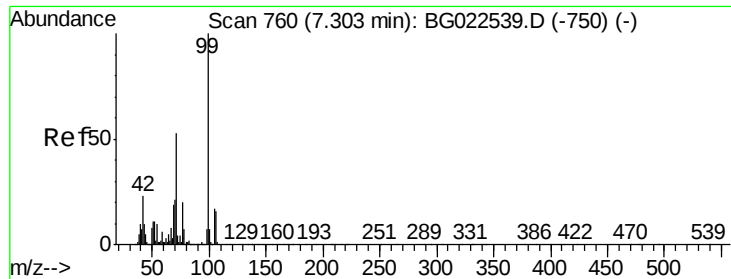
Abundance Ion 128.00 (127.70 to 128.70): BGC

Ion 130.00 (129.70 to 130.70): BGC

Ion 64.00 (63.70 to 64.70): BGC



Time-->



#9

Benzaldehyde

Concen: 36.37 ng

RT: 7.29 min Scan# 758

Delta R.T. -0.01 min

Lab File: BG022693.D

Acq: 29 Jun 2016 2:26

Instrument :

BNA\_G

ClientSampleId :

EPCH-B1(13-15)MS

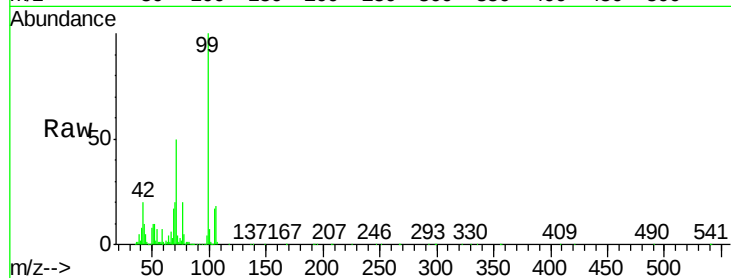
Tot Ion: 77 Resp: 122751

Ion Ratio Lower Upper

77 100

105 86.1 58.7 98.7

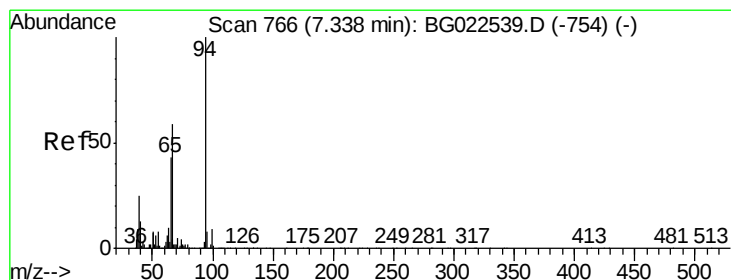
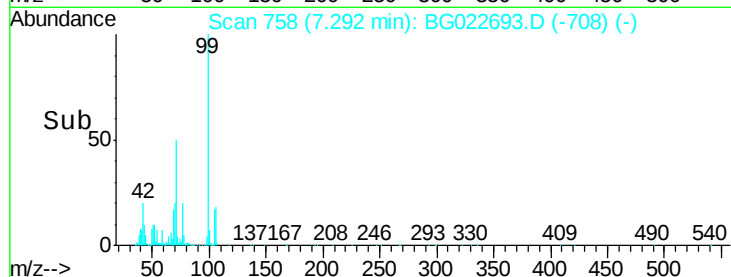
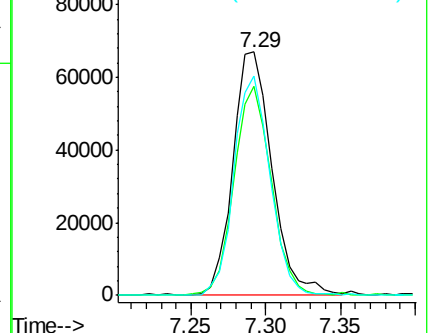
106 90.3 67.5 107.5



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: 21.90 ng

RT: 7.33 min Scan# 765

Delta R.T. 0.00 min

Lab File: BG022693.D

Acq: 29 Jun 2016 2:26

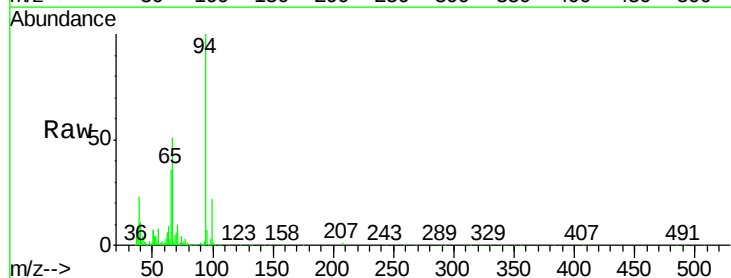
Tgt Ion: 94 Resp: 222012

Ion Ratio Lower Upper

94 100

65 35.7 18.1 58.1

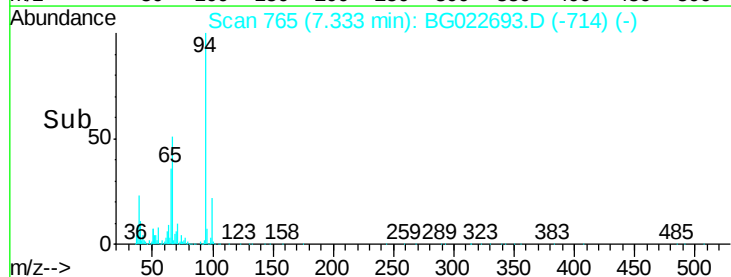
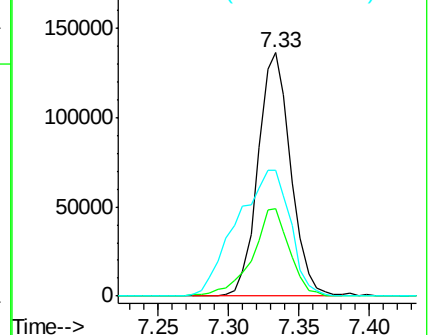
66 51.5 42.1 82.1

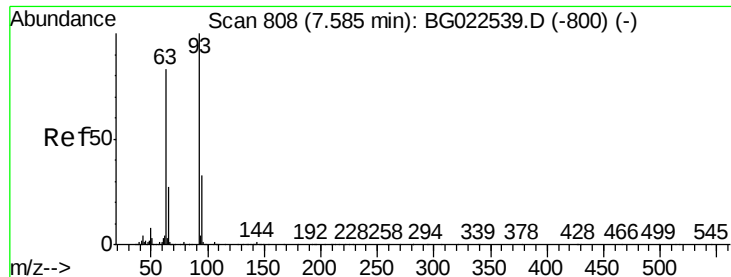


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

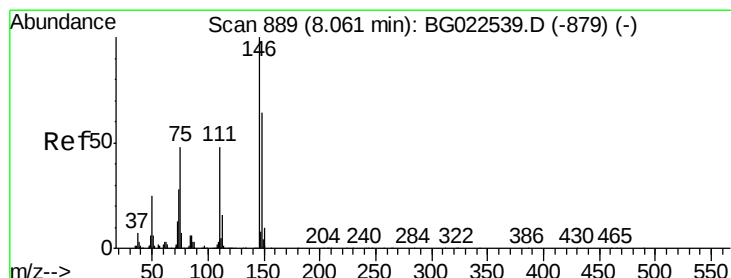
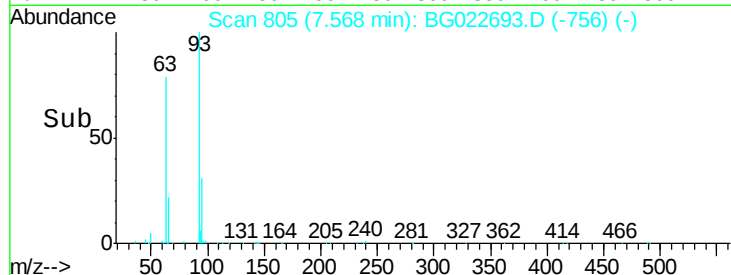
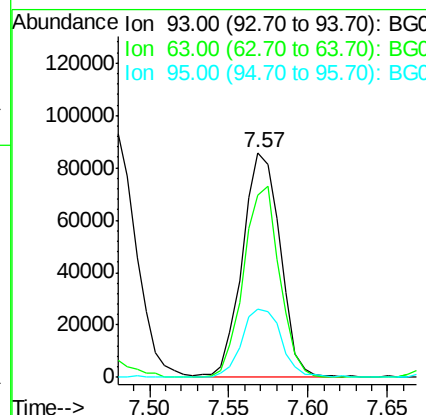
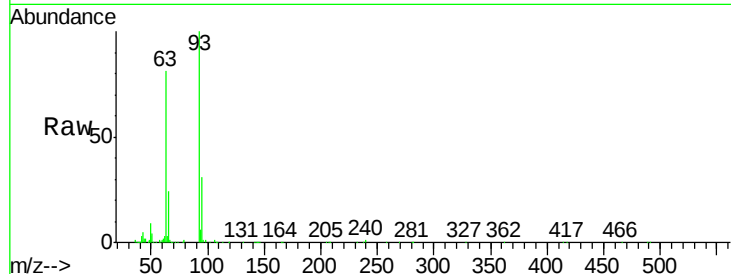




#11  
bis(2-Chloroethyl)ether  
Concen: 17.09 ng  
RT: 7.57 min Scan# 805  
Delta R.T. -0.01 min  
Lab File: BG022693.D  
Acq: 29 Jun 2016 2:26

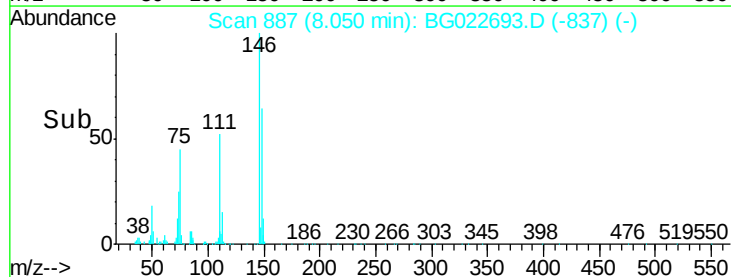
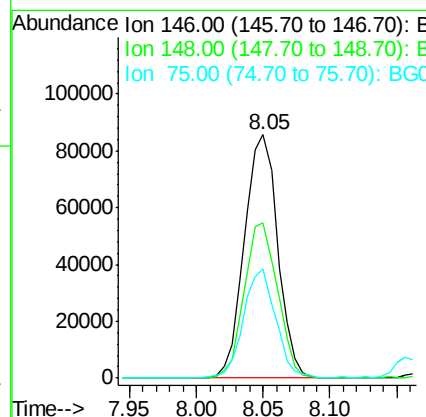
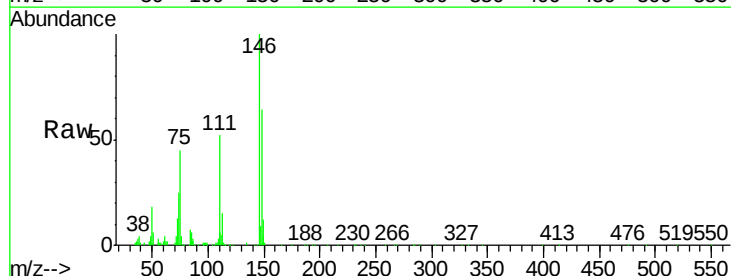
Instrument :  
BNA\_G  
ClientSampleId :  
EPCH-B1(13-15)MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 63      | 81.3  | 55.0  | 95.0  |
| 95      | 30.6  | 11.0  | 51.0  |



#12  
1,3-Dichlorobenzene  
Concen: 17.18 ng  
RT: 8.05 min Scan# 887  
Delta R.T. -0.01 min  
Lab File: BG022693.D  
Acq: 29 Jun 2016 2:26

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 64.0  | 50.3  | 75.5  |
| 75      | 45.0  | 37.0  | 55.6  |

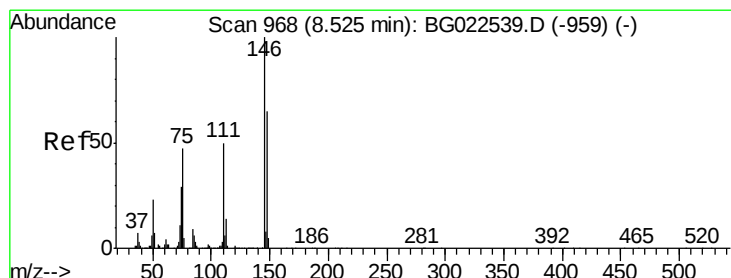
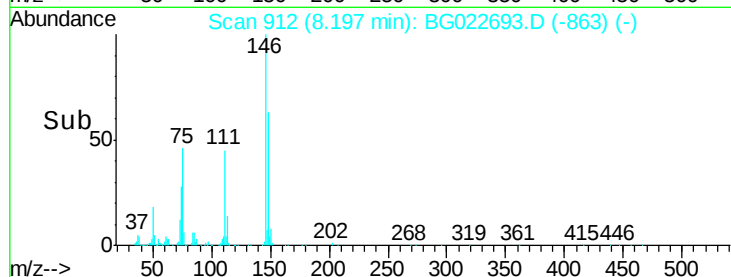
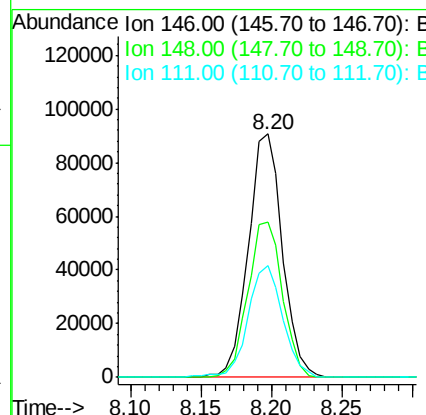
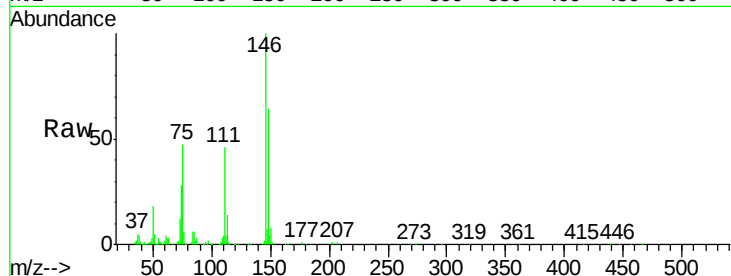




#13  
 1,4-Dichlorobenzene  
 Concen: 17.89 ng  
 RT: 8.20 min Scan# 912  
 Delta R.T. -0.01 min  
 Lab File: BG022693.D  
 Acq: 29 Jun 2016 2:26

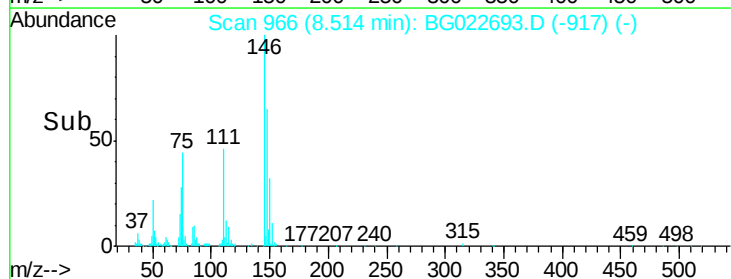
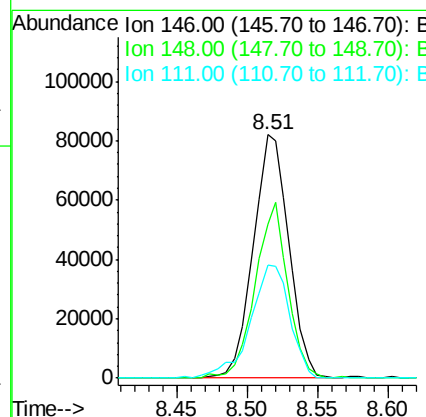
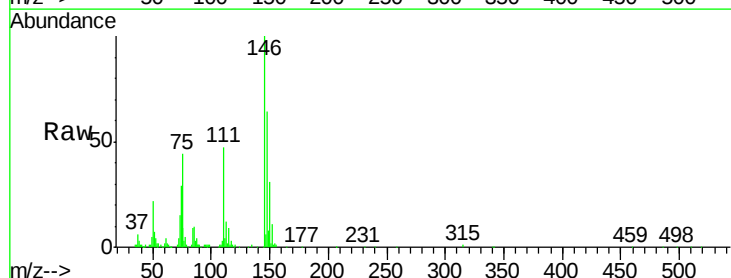
Instrument :  
 BNA\_G  
 ClientSampleId :  
 EPCH-B1(13-15)MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 63.7  | 54.5  | 81.7  |
| 111     | 45.7  | 37.8  | 56.8  |



#14  
 1,2-Dichlorobenzene  
 Concen: 17.69 ng  
 RT: 8.51 min Scan# 966  
 Delta R.T. -0.01 min  
 Lab File: BG022693.D  
 Acq: 29 Jun 2016 2:26

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 63.5  | 52.9  | 79.3  |
| 111     | 46.6  | 43.5  | 65.3  |

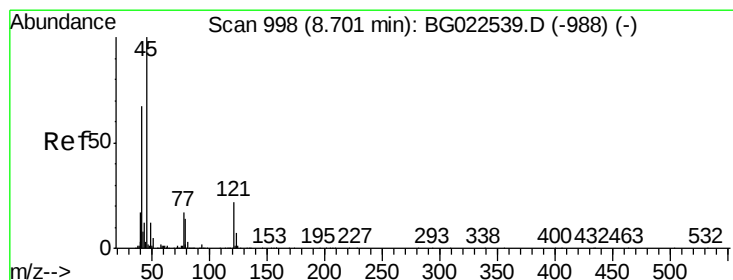
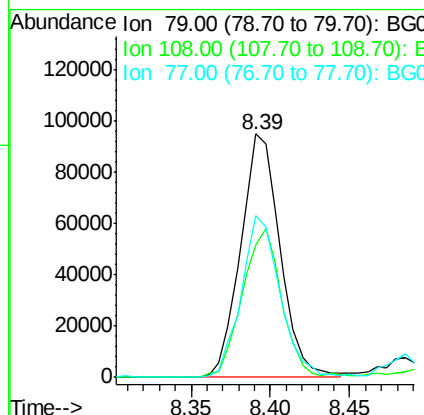
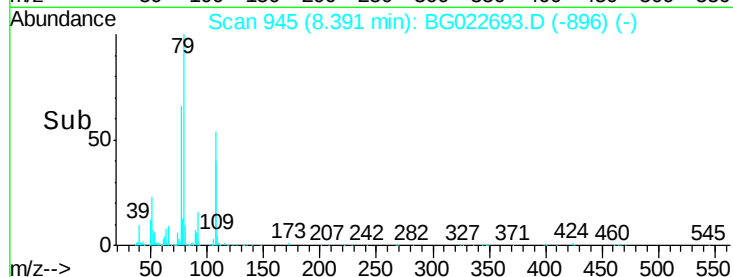
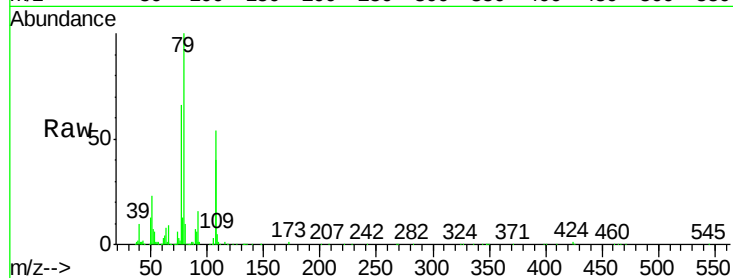




#15  
Benzyl Alcohol  
Concen: 18.49 ng  
RT: 8.39 min Scan# 945  
Delta R.T. -0.01 min  
Lab File: BG022693.D  
Acq: 29 Jun 2016 2:26

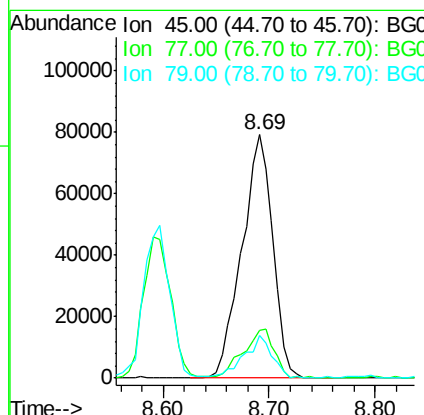
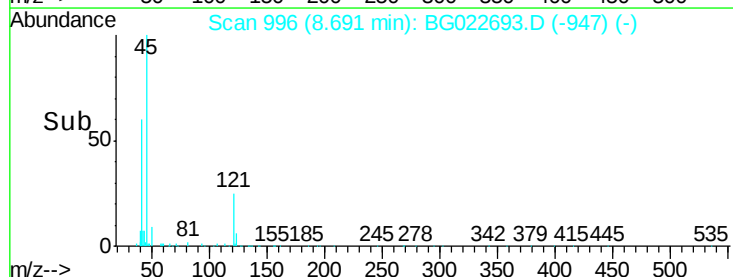
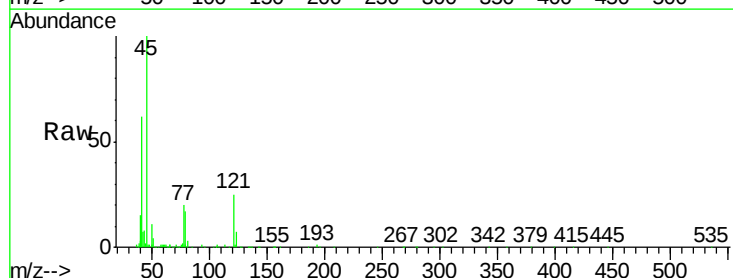
Instrument :  
BNA\_G  
ClientSampleId :  
EPCH-B1(13-15)MS

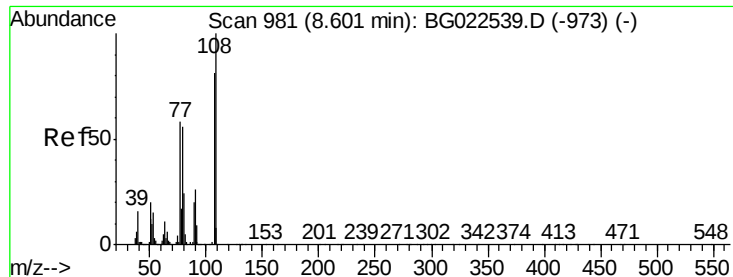
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 79      | 100   |       |       |
| 108     | 54.3  | 46.5  | 69.7  |
| 77      | 66.4  | 52.3  | 78.5  |



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 17.43 ng  
RT: 8.69 min Scan# 996  
Delta R.T. -0.01 min  
Lab File: BG022693.D  
Acq: 29 Jun 2016 2:26

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 45      | 100   |       |       |
| 77      | 19.6  | 0.6   | 40.6  |
| 79      | 17.3  | 0.0   | 36.2  |

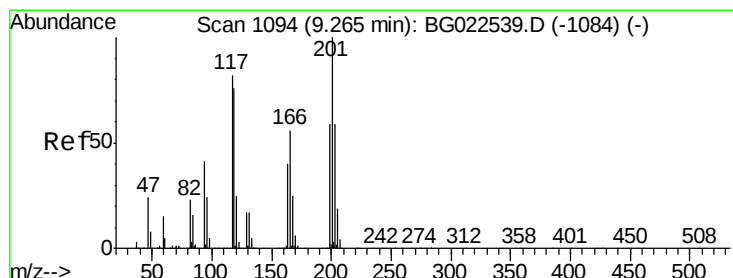
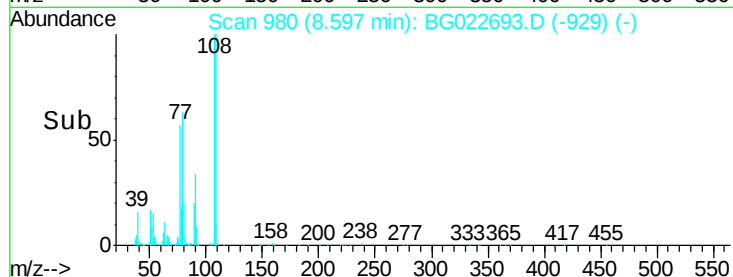
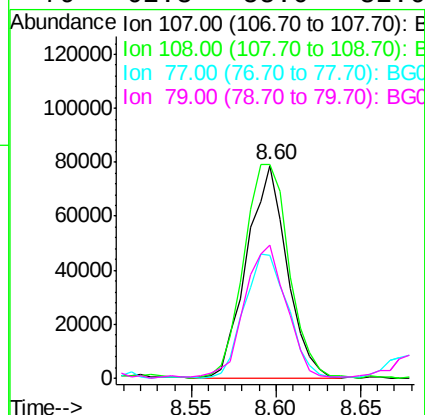
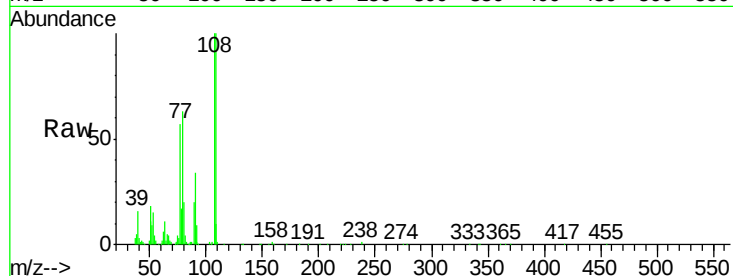




#17  
2-Methylphenol  
Concen: 19.62 ng  
RT: 8.60 min Scan# 980  
Delta R.T. 0.00 min  
Lab File: BG022693.D  
Acq: 29 Jun 2016 2:26

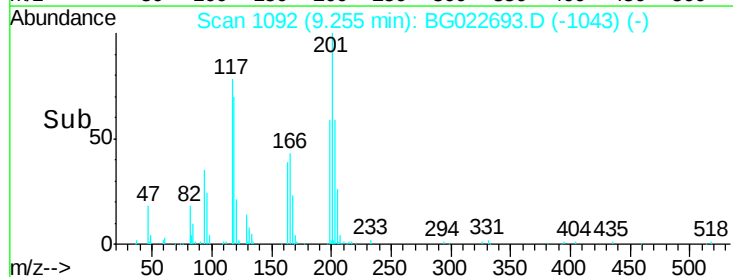
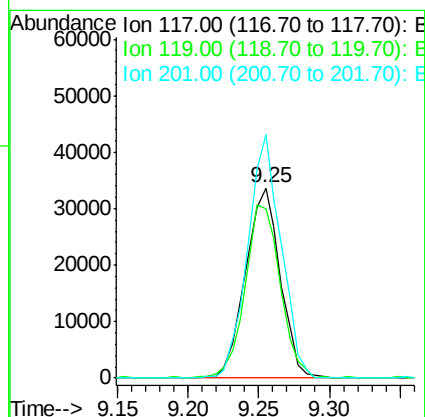
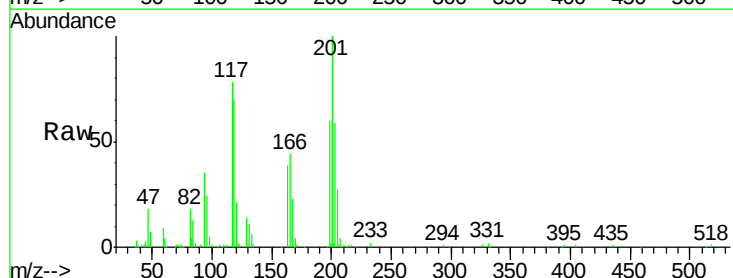
Instrument :  
BNA\_G  
ClientSampleId :  
EPCH-B1(13-15)MS

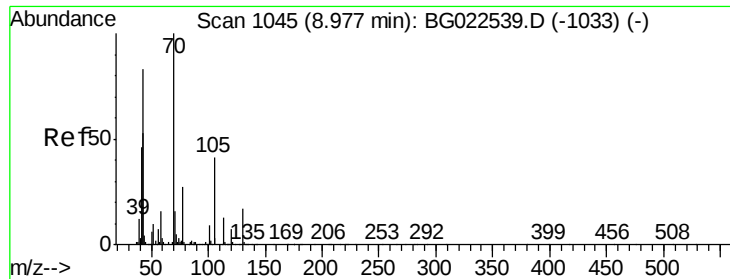
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 107   | Resp: | 131080 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 100.2 | 92.0  | 138.0  |
| 77       | 57.4  | 55.8  | 83.6   |
| 79       | 62.8  | 55.0  | 82.6   |



#18  
Hexachloroethane  
Concen: 16.29 ng  
RT: 9.25 min Scan# 1092  
Delta R.T. -0.01 min  
Lab File: BG022693.D  
Acq: 29 Jun 2016 2:26

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 57969 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 119      | 89.3  | 73.7  | 110.5 |
| 201      | 130.4 | 88.7  | 133.1 |





#19

n-Nitroso-di-n-propylamine

Concen: 16.95 ng

RT: 8.96 min Scan# 1042

Delta R.T. -0.01 min

Lab File: BG022693.D

Acq: 29 Jun 2016 2:26

Instrument :

BNA\_G

ClientSampleId :

EPCH-B1(13-15)MS

Tot Ion: 70 Resp: 135350

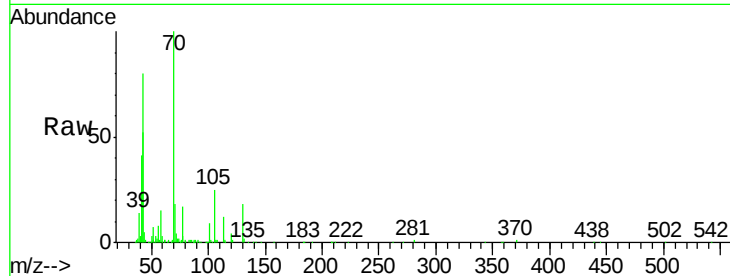
Ion Ratio Lower Upper

70 100

42 52.5 42.1 63.1

101 8.9 7.2 10.8

130 18.3 14.2 21.2

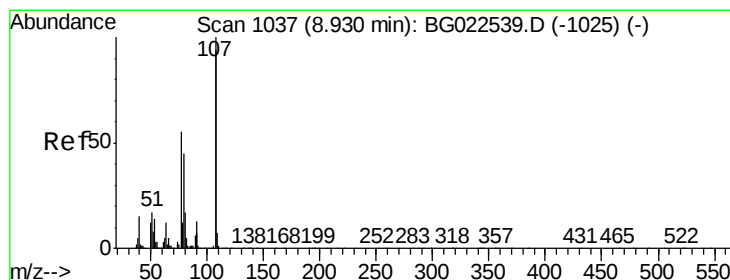
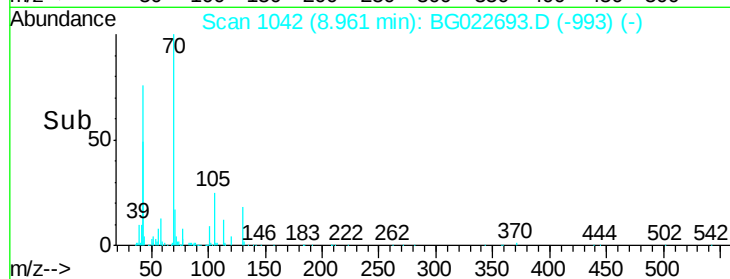
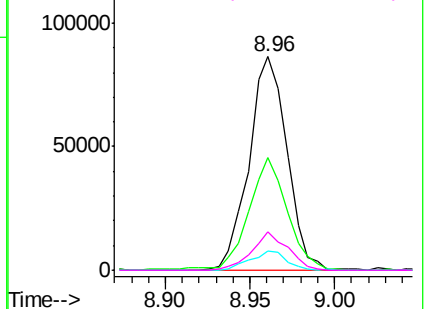


Abundance Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20

3+4-Methylphenols

Concen: 19.07 ng

RT: 8.92 min Scan# 1035

Delta R.T. -0.01 min

Lab File: BG022693.D

Acq: 29 Jun 2016 2:26

Tgt Ion: 107 Resp: 175490

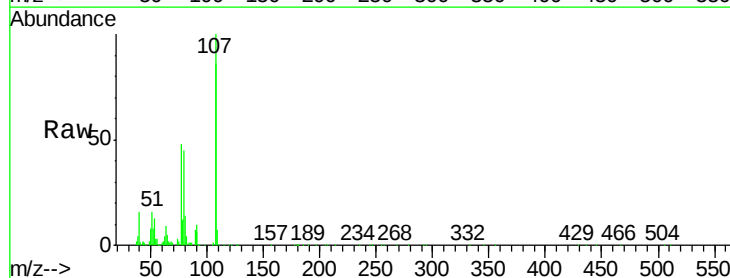
Ion Ratio Lower Upper

107 100

108 86.0 72.5 112.5

77 48.1 30.1 70.1

79 45.3 24.2 64.2

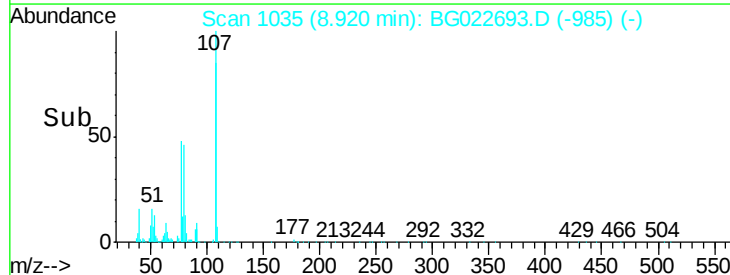
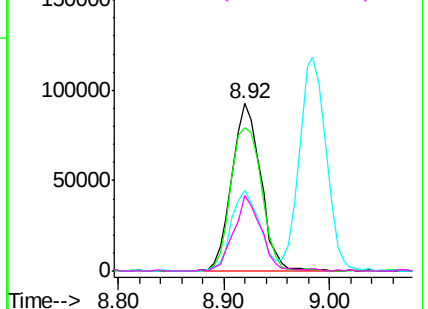


Abundance Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

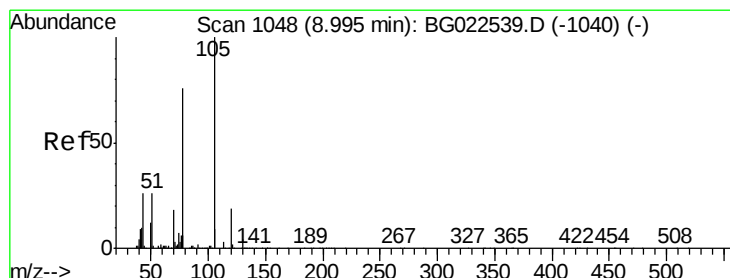
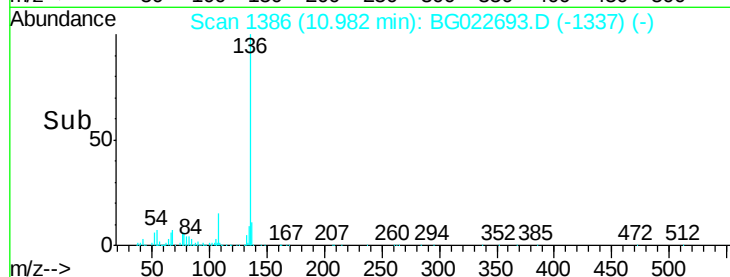
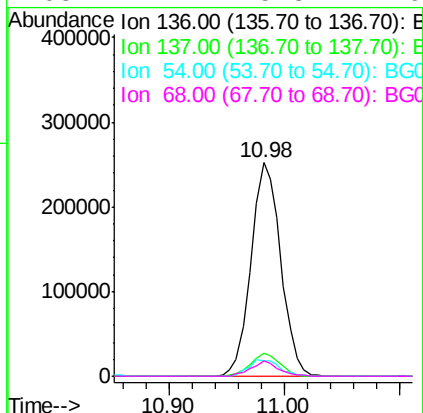
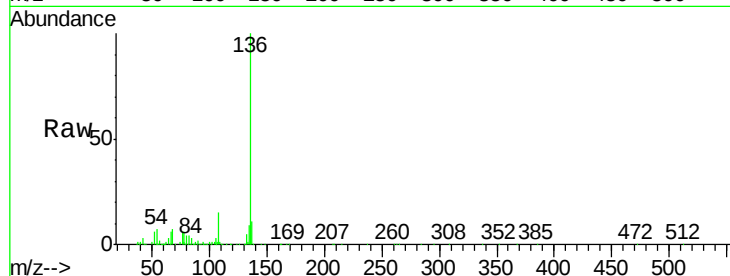




#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 10.98 min Scan# 1386  
Delta R.T. -0.01 min  
Lab File: BG022693.D  
Acq: 29 Jun 2016 2:26

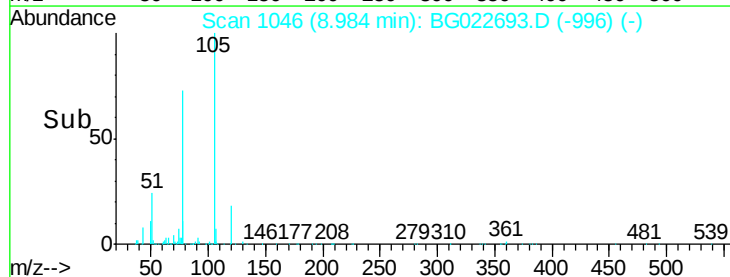
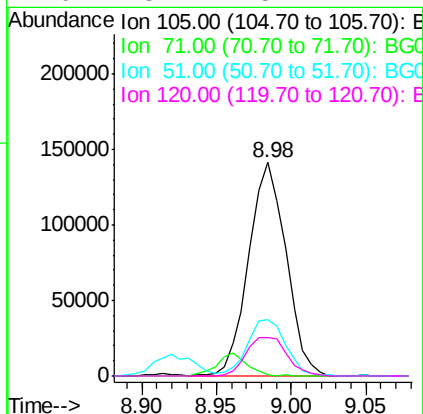
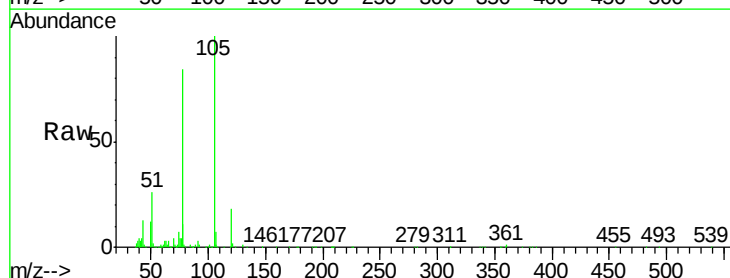
Instrument :  
BNA\_G  
ClientSampleId :  
EPCH-B1(13-15)MS

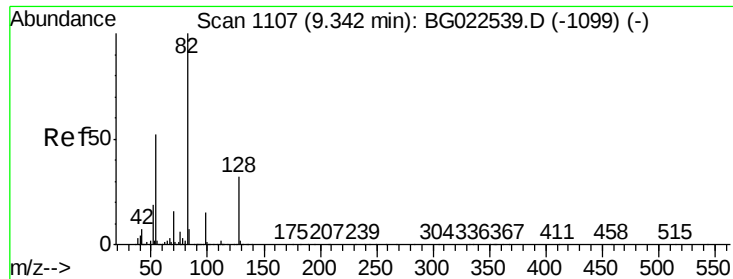
|             |       |           |
|-------------|-------|-----------|
| Tot Ion:136 | Resp: | 451766    |
| Ion Ratio   | Lower | Upper     |
| 136         | 100   |           |
| 137         | 10.7  | 9.6 14.4  |
| 54          | 7.2   | 7.3 10.9# |
| 68          | 7.1   | 5.3 7.9   |



#22  
Acetophenone  
Concen: 18.66 ng  
RT: 8.98 min Scan# 1046  
Delta R.T. -0.01 min  
Lab File: BG022693.D  
Acq: 29 Jun 2016 2:26

|             |       |            |
|-------------|-------|------------|
| Tgt Ion:105 | Resp: | 243656     |
| Ion Ratio   | Lower | Upper      |
| 105         | 100   |            |
| 71          | 0.9   | 2.6 3.8#   |
| 51          | 26.5  | 27.1 40.7# |
| 120         | 18.1  | 15.1 22.7  |

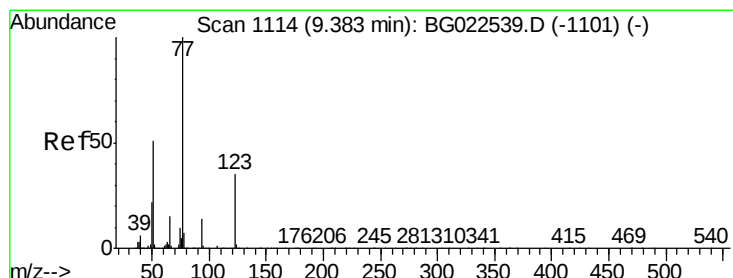
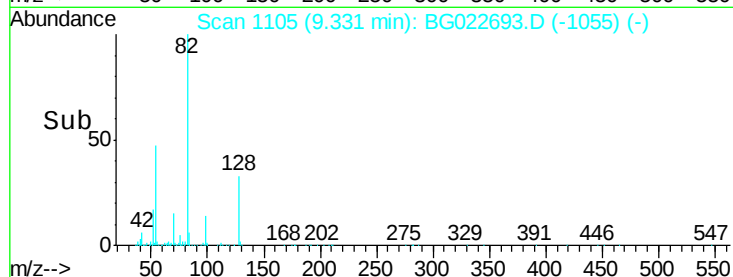
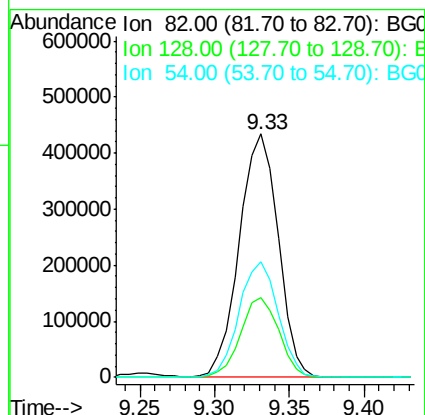
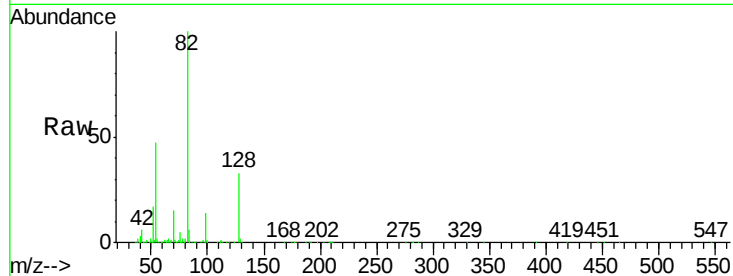




#23  
Nitrobenzene-d5  
Concen: 73.43 ng  
RT: 9.33 min Scan# 1105  
Delta R.T. -0.01 min  
Lab File: BG022693.D  
Acq: 29 Jun 2016 2:26

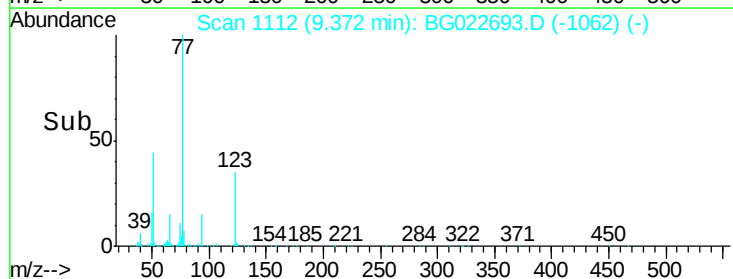
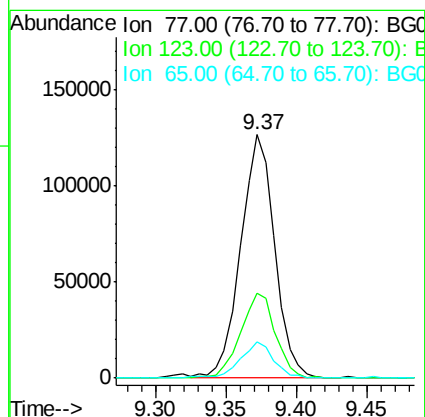
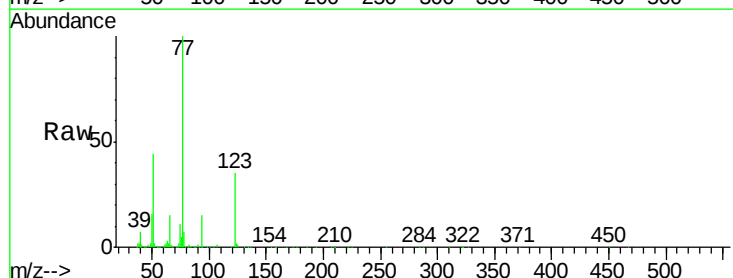
Instrument :  
BNA\_G  
ClientSampleId :  
EPCH-B1(13-15)MS

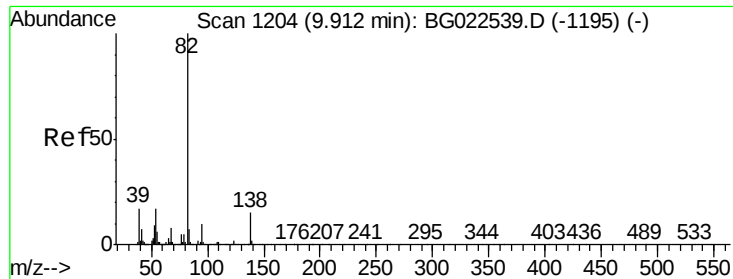
| Tot Ion   | 82   | Resp  | 783788 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 128       | 32.7 | 24.4  | 36.6   |
| 54        | 47.4 | 41.4  | 62.0   |



#24  
Nitrobenzene  
Concen: 17.91 ng  
RT: 9.37 min Scan# 1112  
Delta R.T. -0.01 min  
Lab File: BG022693.D  
Acq: 29 Jun 2016 2:26

| Tgt Ion   | 77   | Resp  | 211254 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 123       | 34.7 | 25.0  | 37.6   |
| 65        | 14.7 | 13.4  | 20.0   |

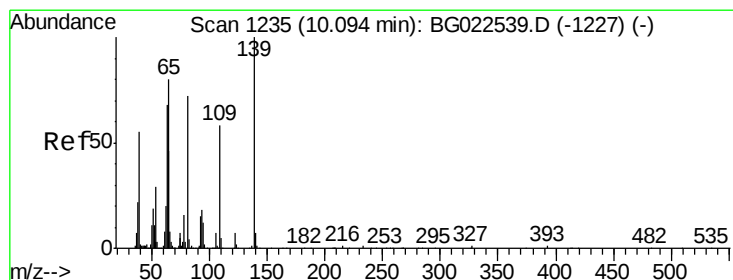
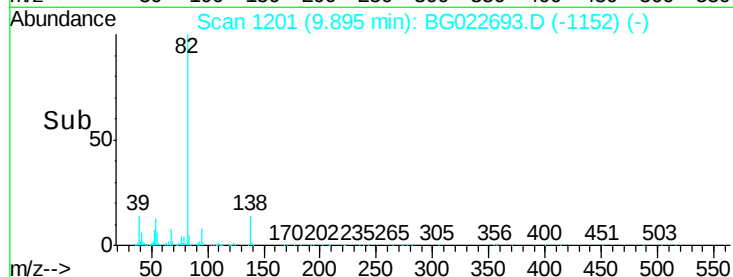
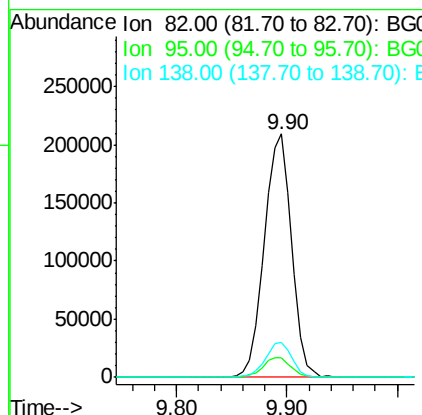
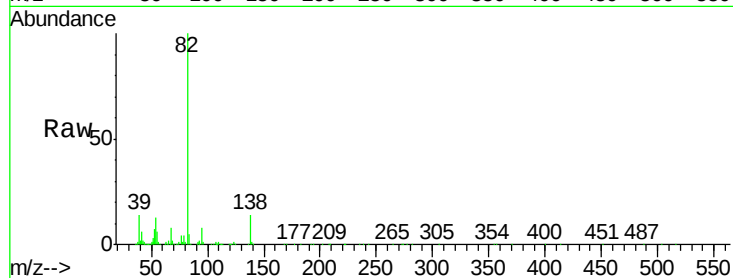




#25  
Isophorone  
Concen: 17.46 ng  
RT: 9.90 min Scan# 1201  
Delta R.T. -0.01 min  
Lab File: BG022693.D  
Acq: 29 Jun 2016 2:26

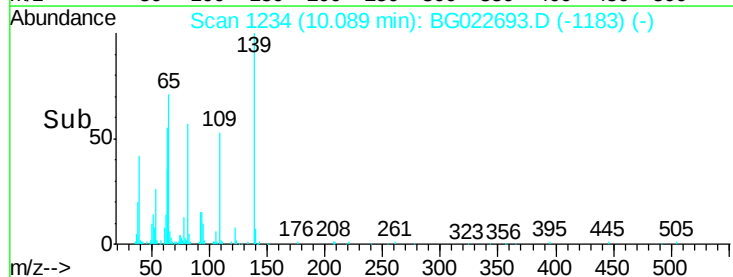
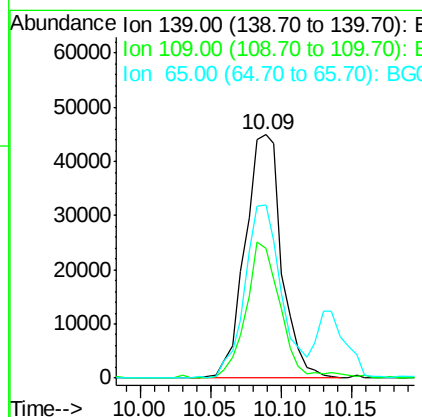
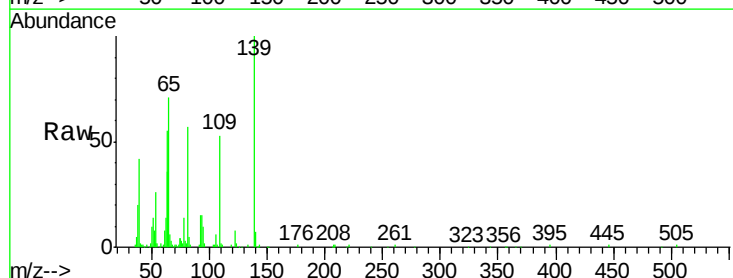
Instrument :  
BNA\_G  
ClientSampleId :  
EPCH-B1(13-15)MS

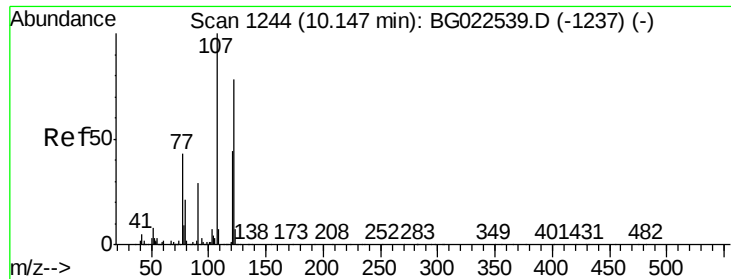
| Tot Ion   | 82    | Resp  | 361810 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 95        | 8.3   | 8.2   | 12.2   |
| 138       | 14.2  | 10.7  | 16.1   |



#26  
2-Nitrophenol  
Concen: 19.28 ng  
RT: 10.09 min Scan# 1234  
Delta R.T. 0.00 min  
Lab File: BG022693.D  
Acq: 29 Jun 2016 2:26

| Tgt Ion   | 139   | Resp  | 81909 |
|-----------|-------|-------|-------|
| Ion Ratio | Lower | Upper |       |
| 139       | 100   |       |       |
| 109       | 53.1  | 43.5  | 65.3  |
| 65        | 71.1  | 64.3  | 96.5  |

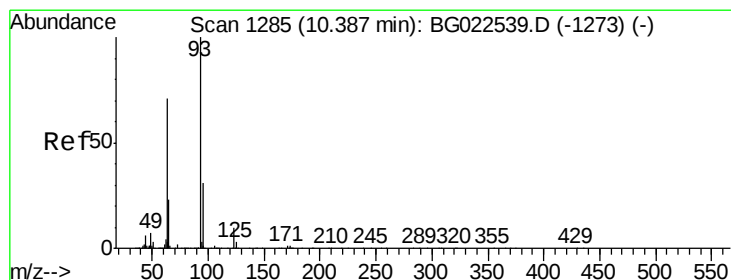
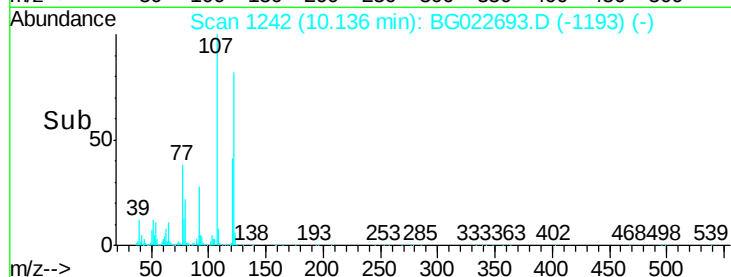
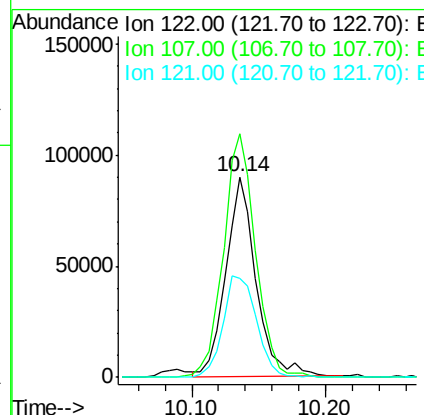
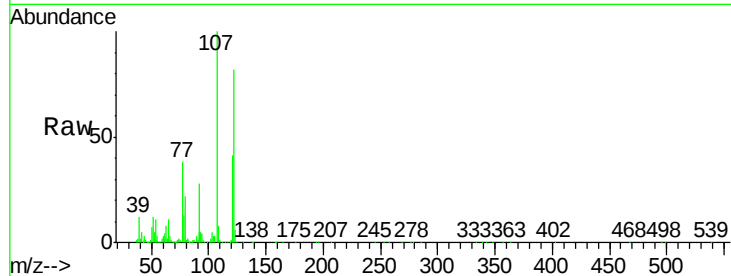




#27  
2,4-Dimethylphenol  
Concen: 17.74 ng  
RT: 10.14 min Scan# 1242  
Delta R.T. -0.01 min  
Lab File: BG022693.D  
Acq: 29 Jun 2016 2:26

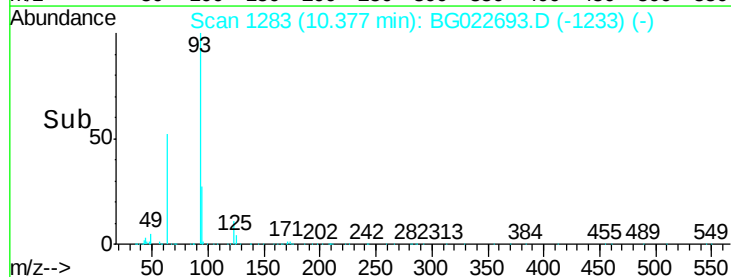
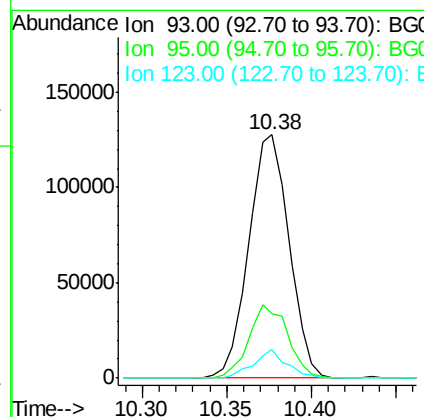
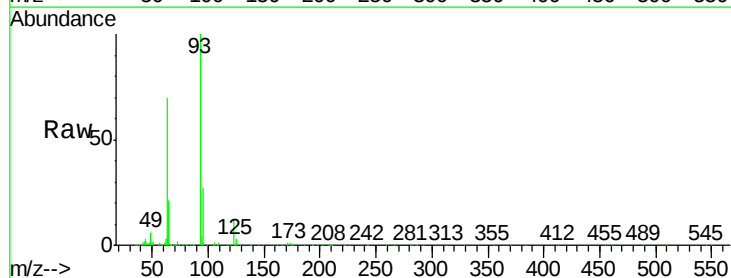
Instrument :  
BNA\_G  
ClientSampleId :  
EPCH-B1(13-15)MS

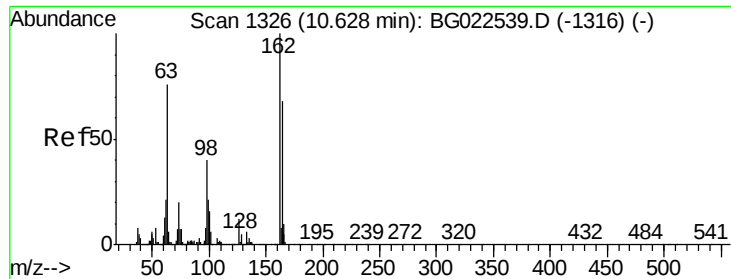
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 121.7 | 117.0 | 175.4 |
| 121     | 49.6  | 50.1  | 75.1# |



#28  
bis(2-Chloroethoxy)methane  
Concen: 18.71 ng  
RT: 10.38 min Scan# 1283  
Delta R.T. -0.01 min  
Lab File: BG022693.D  
Acq: 29 Jun 2016 2:26

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 26.5  | 25.4  | 38.2  |
| 123     | 11.5  | 8.2   | 12.2  |

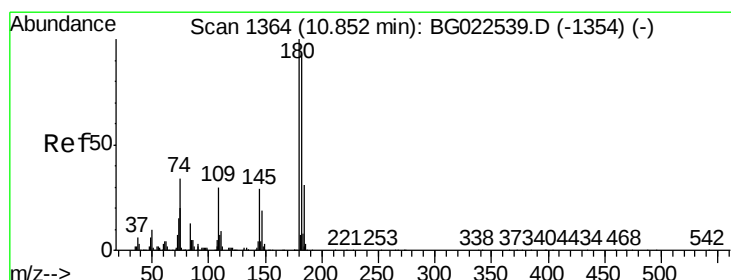
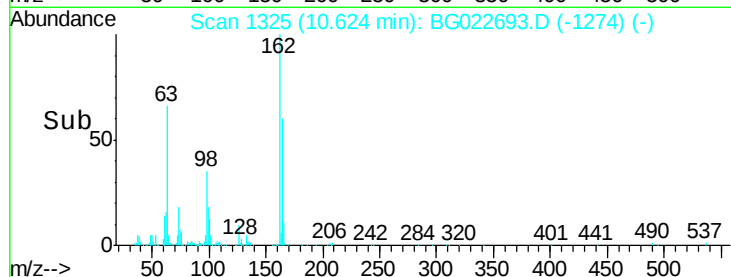
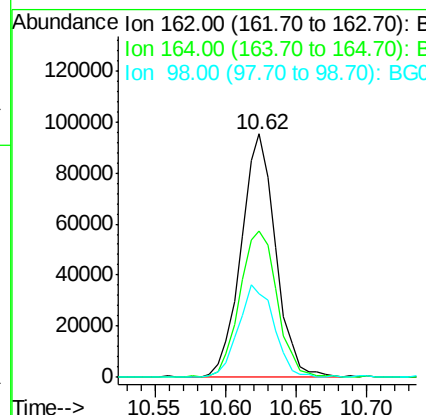
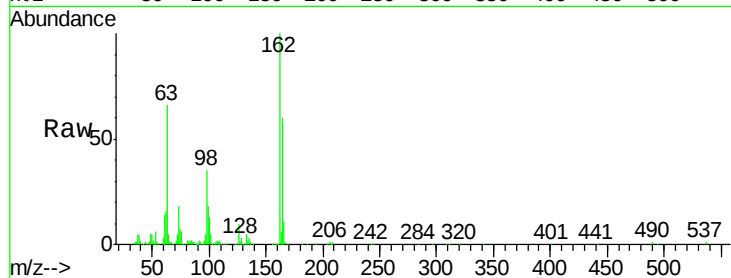




#29  
 2,4-Dichlorophenol  
 Concen: 20.59 ng  
 RT: 10.62 min Scan# 1325  
 Delta R.T. 0.00 min  
 Lab File: BG022693.D  
 Acq: 29 Jun 2016 2:26

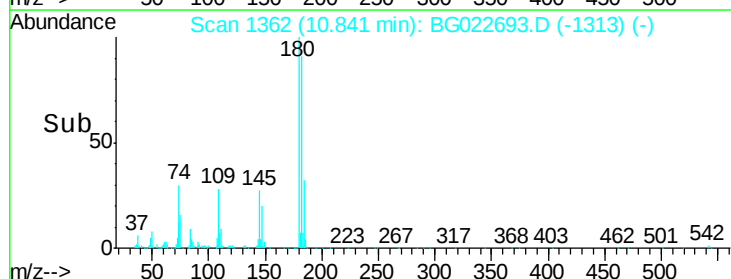
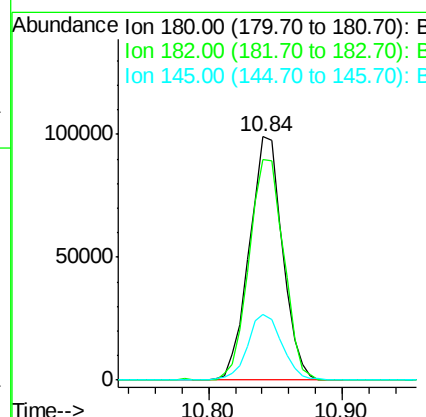
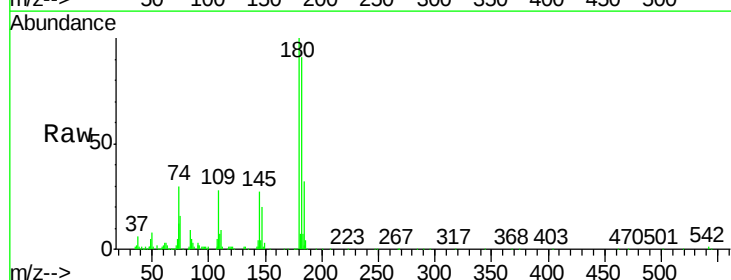
Instrument :  
 BNA\_G  
 ClientSampleId :  
 EPCH-B1(13-15)MS

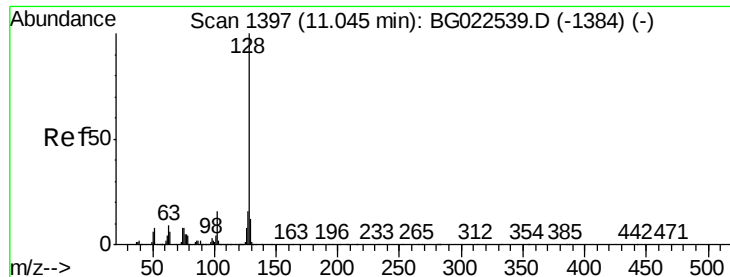
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 60.3  | 44.3  | 84.3  |
| 98      | 34.5  | 19.5  | 59.5  |



#30  
 1,2,4-Trichlorobenzene  
 Concen: 18.03 ng  
 RT: 10.84 min Scan# 1362  
 Delta R.T. -0.01 min  
 Lab File: BG022693.D  
 Acq: 29 Jun 2016 2:26

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 90.6  | 73.8  | 110.8 |
| 145     | 26.8  | 24.4  | 36.6  |





#31

Naphthalene

Concen: 18.83 ng

RT: 11.03 min Scan# 1395

Delta R.T. -0.01 min

Lab File: BG022693.D

Acq: 29 Jun 2016 2:26

Instrument :

BNA\_G

ClientSampleId :

EPCH-B1(13-15)MS

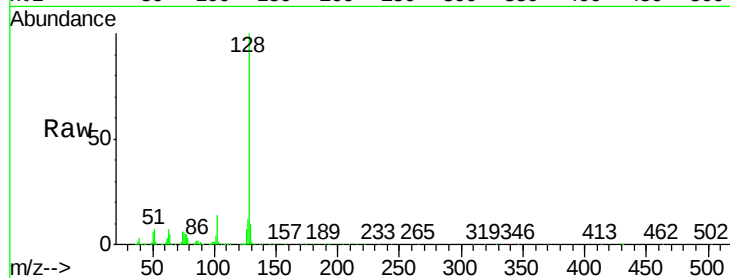
Tot Ion:128 Resp: 427692

Ion Ratio Lower Upper

128 100

129 10.1 9.4 14.0

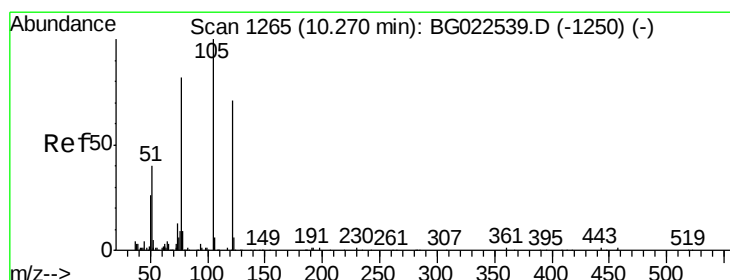
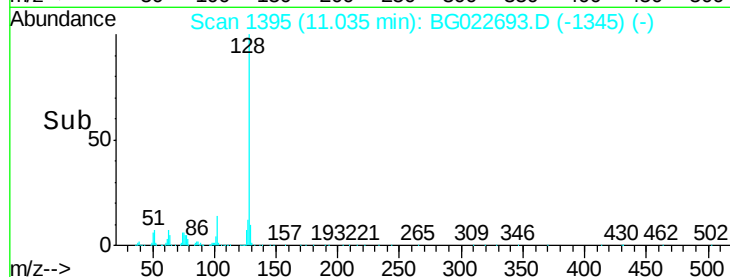
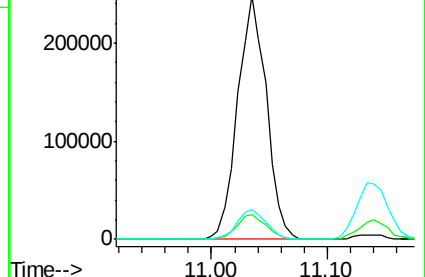
127 12.5 11.3 16.9



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 29.36 ng

RT: 10.14 min Scan# 1242

Delta R.T. -0.06 min

Lab File: BG022693.D

Acq: 29 Jun 2016 2:26

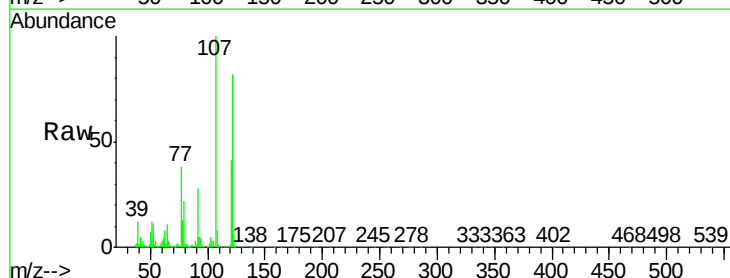
Tgt Ion:122 Resp: 144019

Ion Ratio Lower Upper

122 100

105 3.7 117.2 157.2#

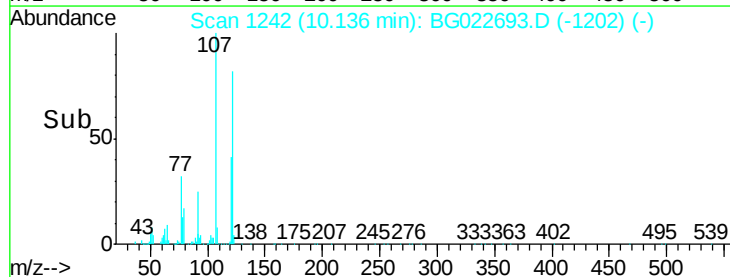
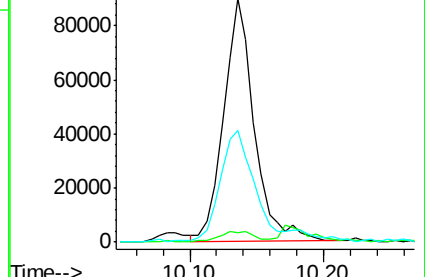
77 45.9 109.2 149.2#

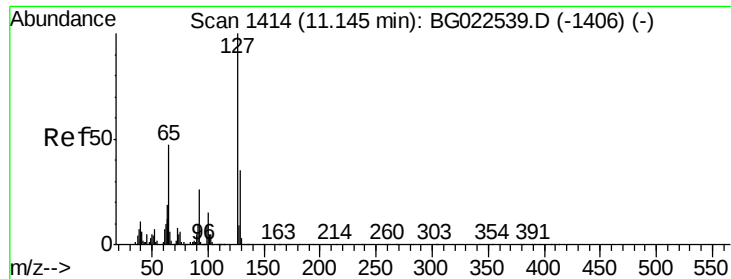


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG

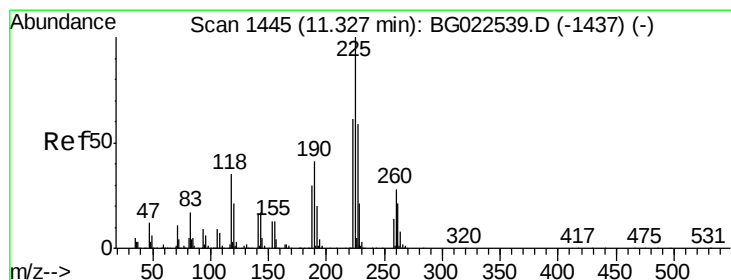
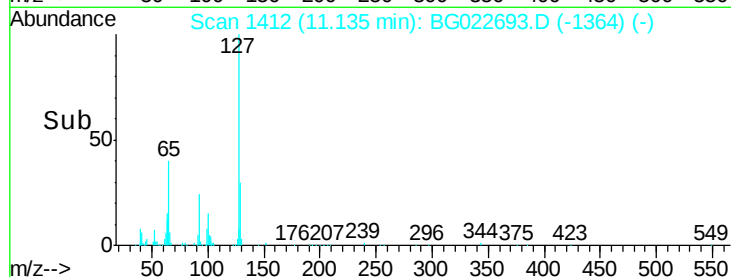
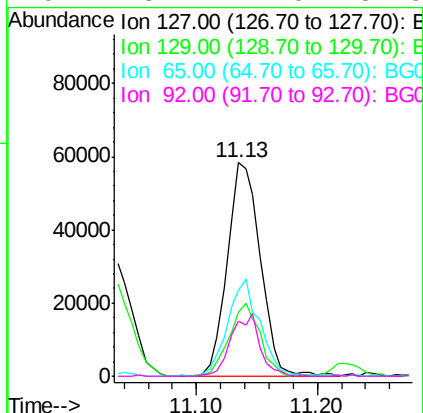
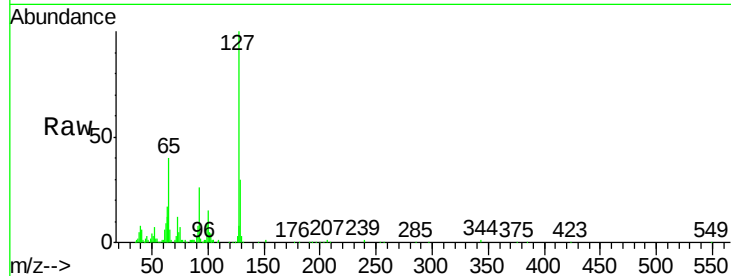




#33  
4-Chloroaniline  
Concen: 11.39 ng  
RT: 11.13 min Scan# 1412  
Delta R.T. -0.02 min  
Lab File: BG022693.D  
Acq: 29 Jun 2016 2:26

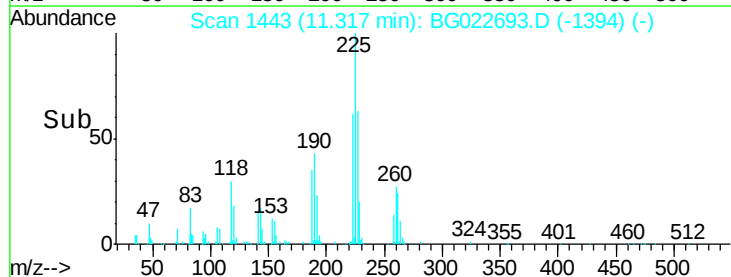
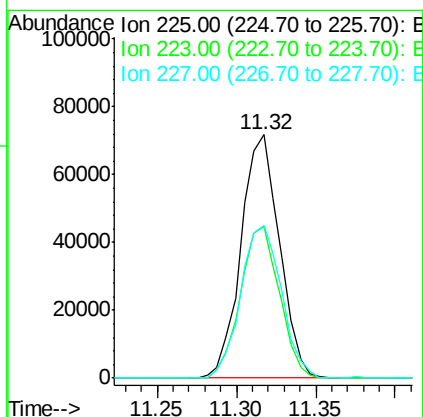
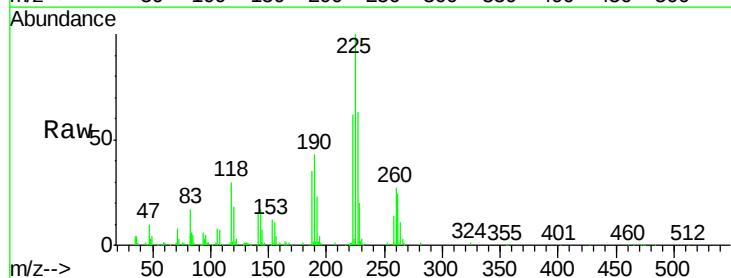
Instrument :  
BNA\_G  
ClientSampleId :  
EPCH-B1(13-15)MS

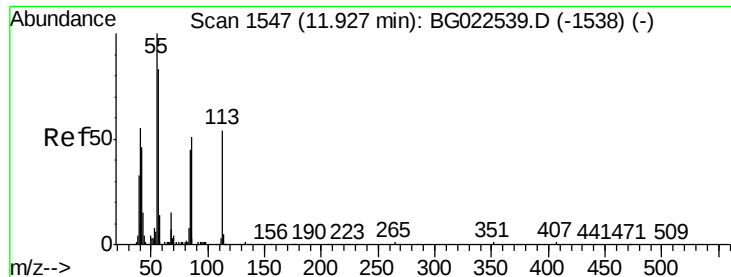
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 127   | Resp: | 111453 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 30.2  | 27.9  | 41.9   |
| 65       | 40.0  | 36.8  | 55.2   |
| 92       | 25.7  | 21.0  | 31.6   |



#34  
Hexachlorobutadiene  
Concen: 16.53 ng  
RT: 11.32 min Scan# 1443  
Delta R.T. -0.01 min  
Lab File: BG022693.D  
Acq: 29 Jun 2016 2:26

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 120676 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 62.4  | 49.6  | 74.4   |
| 227      | 62.8  | 54.5  | 81.7   |





#35

Caprolactam

Concen: 20.34 ng

RT: 11.90 min Scan# 1542

Delta R.T. 0.00 min

Lab File: BG022693.D

Acq: 29 Jun 2016 2:26

Instrument :

BNA\_G

ClientSampleId :

EPCH-B1(13-15)MS

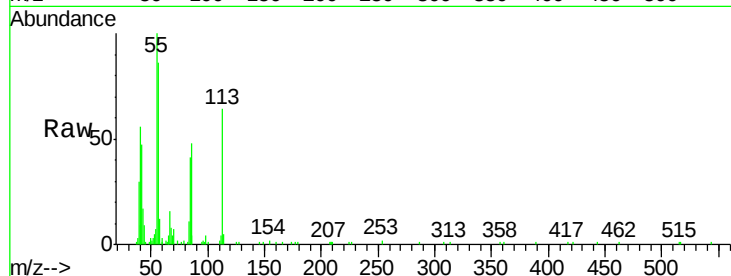
Tot Ion:113 Resp: 50689

Ion Ratio Lower Upper

113 100

55 155.7 154.5 194.5

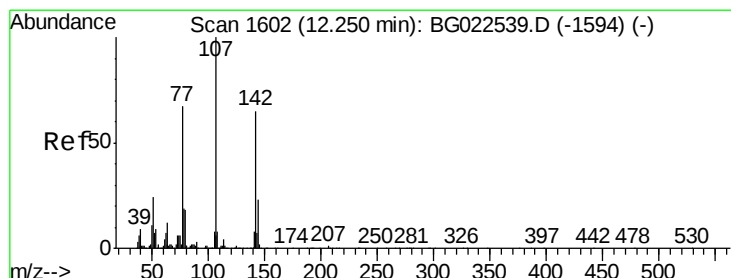
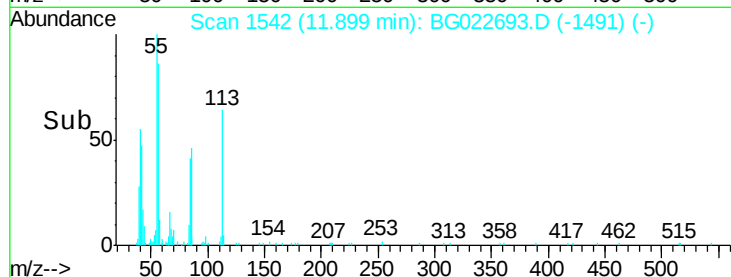
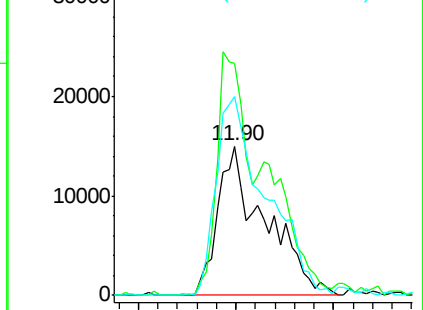
56 133.4 125.1 165.1



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: 20.09 ng

RT: 12.25 min Scan# 1601

Delta R.T. 0.00 min

Lab File: BG022693.D

Acq: 29 Jun 2016 2:26

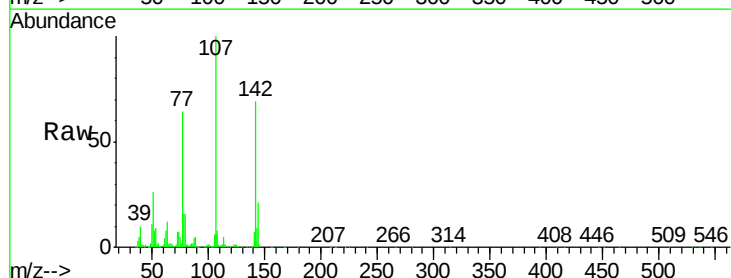
Tgt Ion:107 Resp: 195095

Ion Ratio Lower Upper

107 100

144 20.6 17.0 25.6

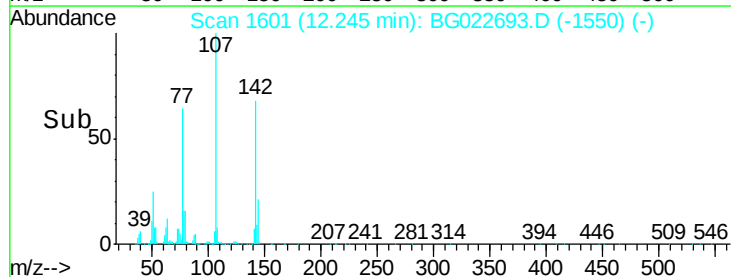
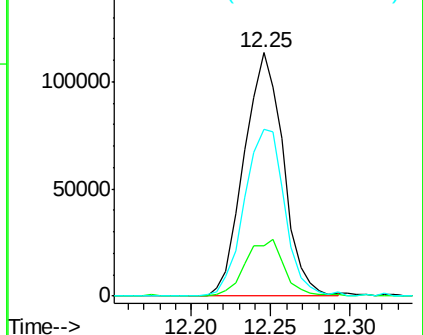
142 68.6 53.0 79.6

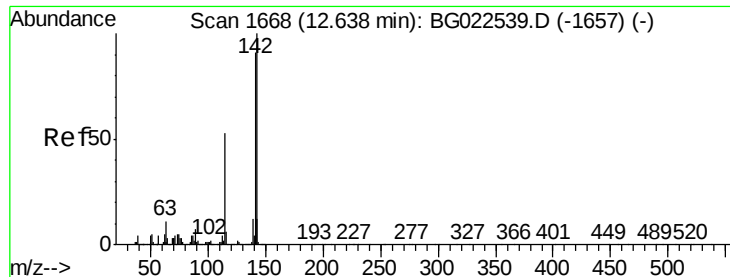


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

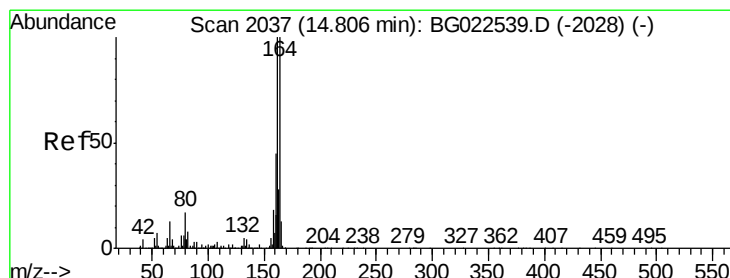
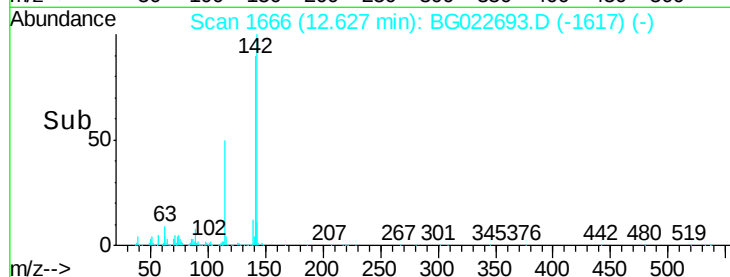
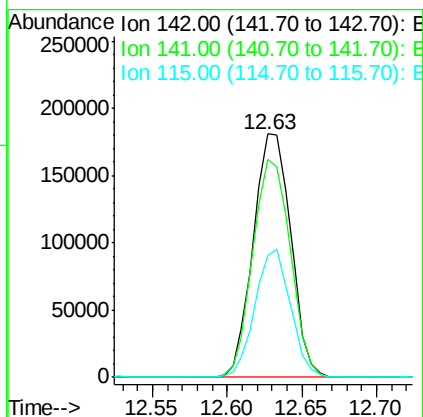
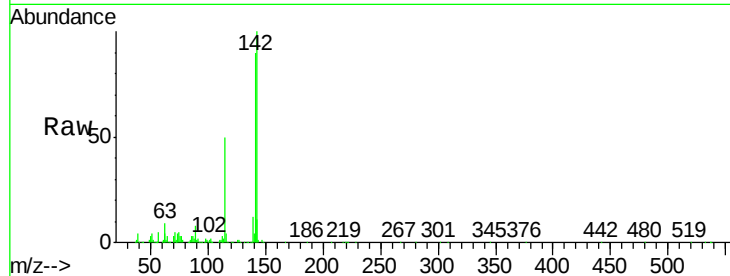




#37  
2-Methylnaphthalene  
Concen: 17.89 ng  
RT: 12.63 min Scan# 1666  
Delta R.T. -0.01 min  
Lab File: BG022693.D  
Acq: 29 Jun 2016 2:26

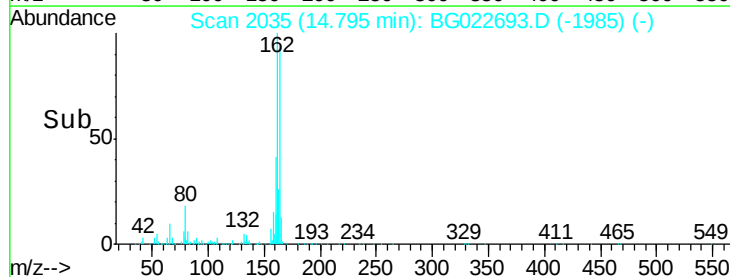
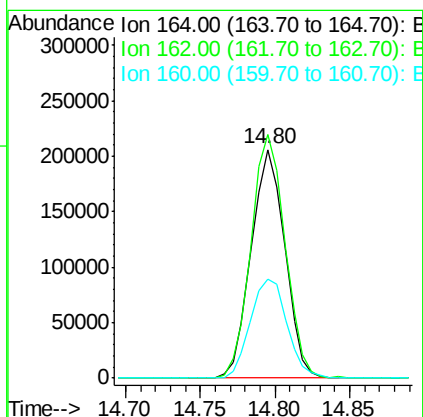
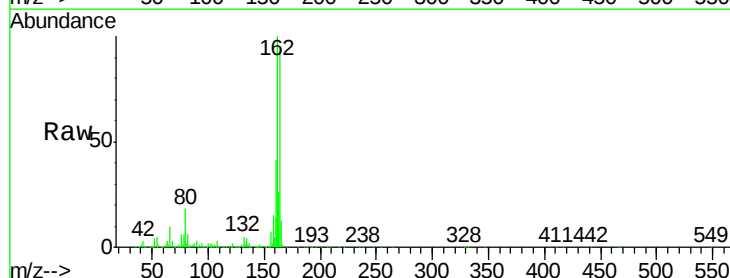
Instrument :  
BNA\_G  
ClientSampleId :  
EPCH-B1(13-15)MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 89.7  | 70.2  | 105.2 |
| 115     | 50.0  | 41.7  | 62.5  |



#38  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 14.80 min Scan# 2035  
Delta R.T. -0.01 min  
Lab File: BG022693.D  
Acq: 29 Jun 2016 2:26

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 106.6 | 87.7  | 131.5 |
| 160     | 43.6  | 37.2  | 55.8  |





#39

1,2,4,5-Tetrachlorobenzene

Concen: 17.06 ng

RT: 12.99 min Scan# 1728

Delta R.T. -0.01 min

Lab File: BG022693.D

Acq: 29 Jun 2016 2:26

Instrument :

BNA\_G

ClientSampleId :

EPCH-B1(13-15)MS

Tot Ion:216 Resp: 206764

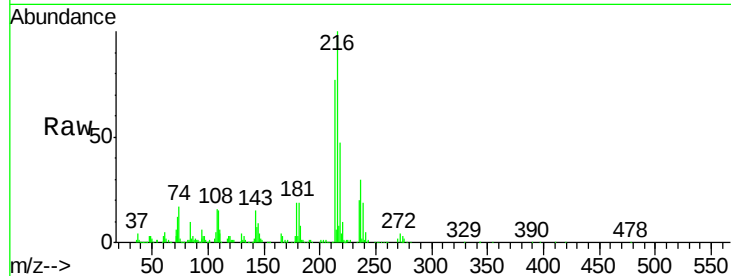
Ion Ratio Lower Upper

216 100

214 80.0 62.9 94.3

179 22.5 17.2 25.8

108 22.2 16.3 24.5

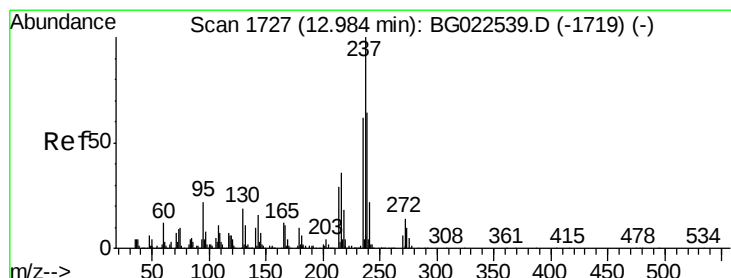
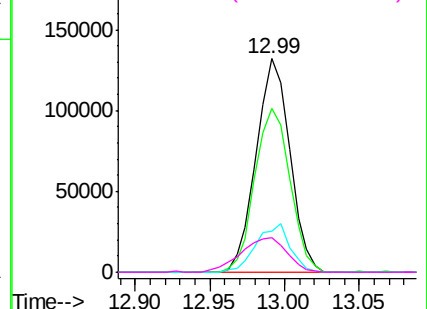
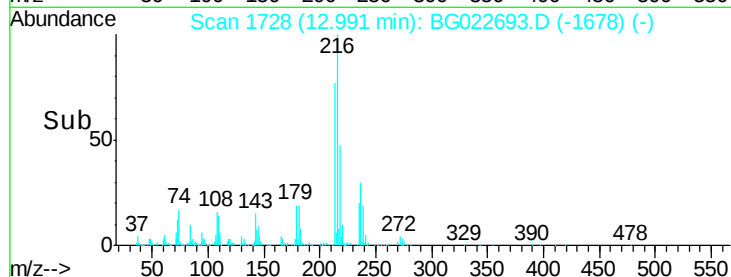


Abundance Ion 216.00 (215.70 to 216.70): E

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: 45.46 ng

RT: 12.97 min Scan# 1725

Delta R.T. -0.01 min

Lab File: BG022693.D

Acq: 29 Jun 2016 2:26

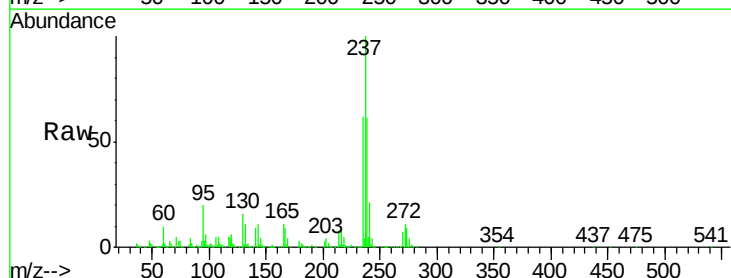
Tgt Ion:237 Resp: 439706

Ion Ratio Lower Upper

237 100

235 61.6 43.1 83.1

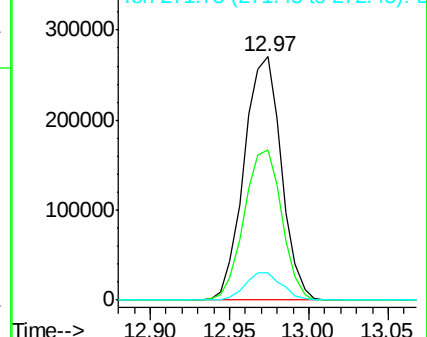
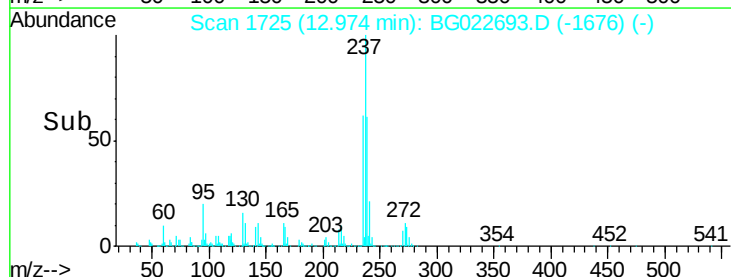
272 11.4 0.0 30.9

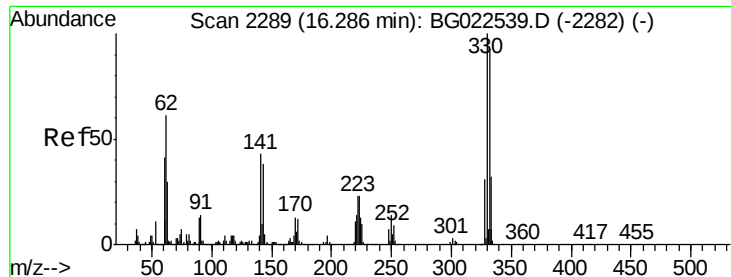


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 132.31 ng

RT: 16.29 min Scan# 2289

Delta R.T. 0.00 min

Lab File: BG022693.D

Acq: 29 Jun 2016 2:26

Instrument :

BNA\_G

ClientSampleId :

EPCH-B1(13-15)MS

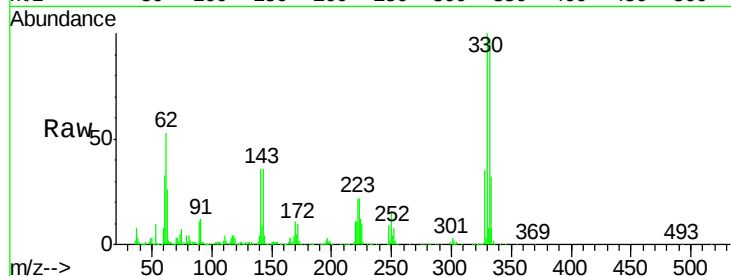
Tot Ion:330 Resp: 667901

Ion Ratio Lower Upper

330 100

332 94.5 77.4 116.2

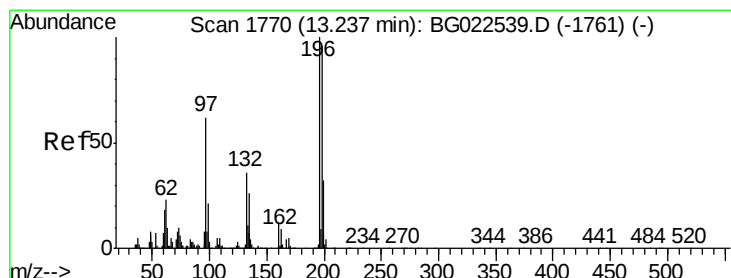
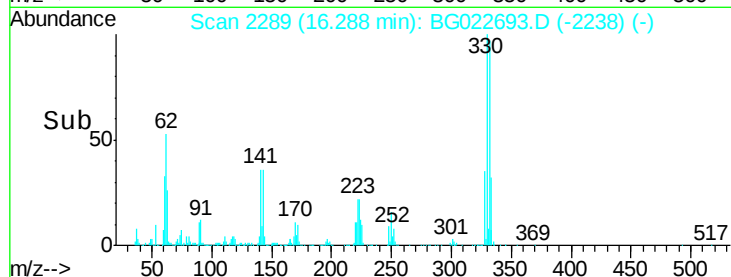
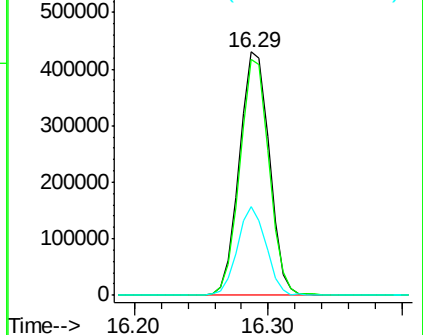
141 34.8 31.7 47.5



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: 19.83 ng

RT: 13.23 min Scan# 1768

Delta R.T. -0.01 min

Lab File: BG022693.D

Acq: 29 Jun 2016 2:26

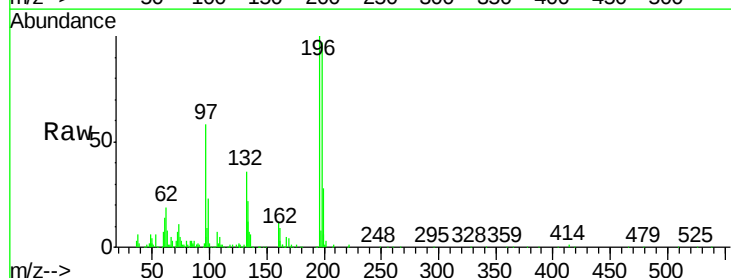
Tgt Ion:196 Resp: 154108

Ion Ratio Lower Upper

196 100

198 96.9 78.2 117.2

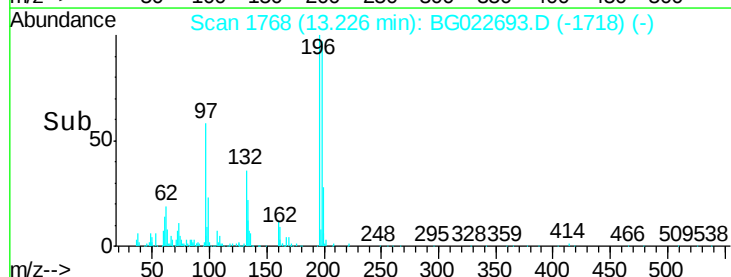
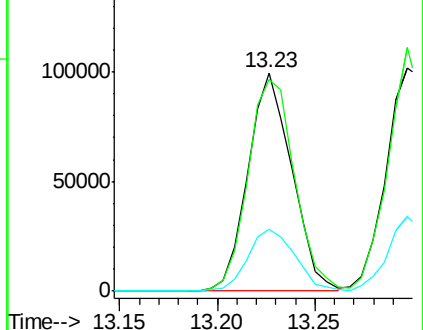
200 28.4 27.0 40.4

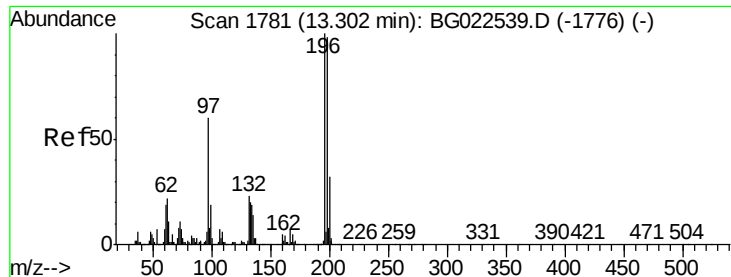


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

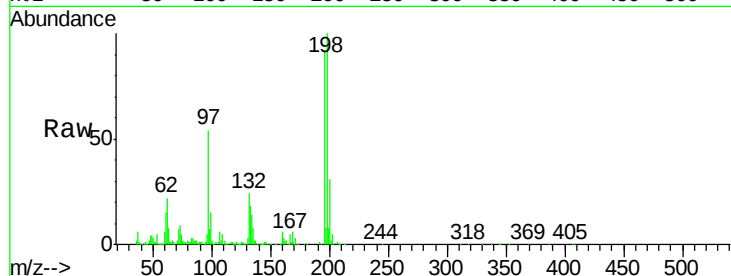




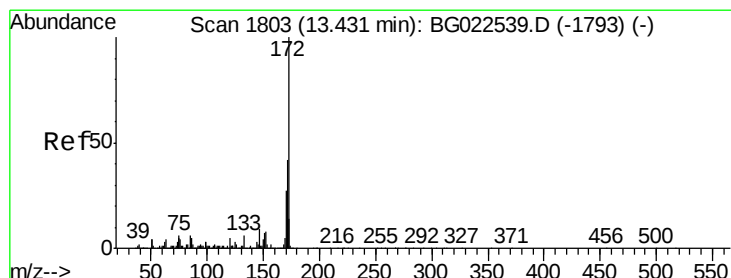
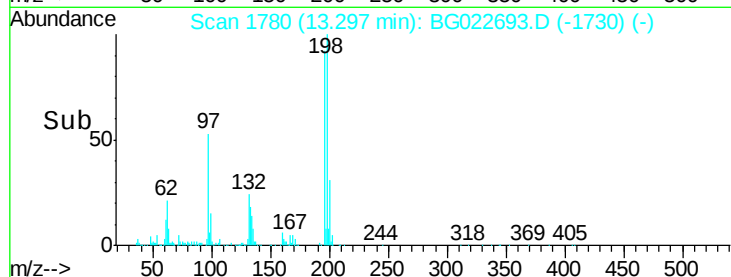
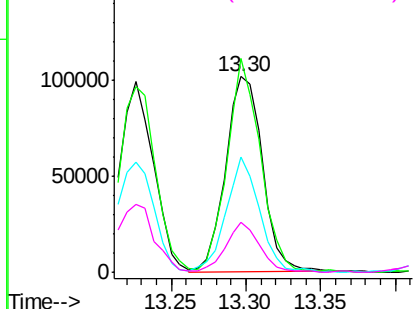
#43  
 2,4,5-Trichlorophenol  
 Concen: 21.43 ng  
 RT: 13.30 min Scan# 1780  
 Delta R.T. -0.01 min  
 Lab File: BG022693.D  
 Acq: 29 Jun 2016 2:26

Instrument :  
 BNA\_G  
 ClientSampleId :  
 EPCH-B1(13-15)MS

Tot Ion:196 Resp: 174190  
 Ion Ratio Lower Upper  
 196 100  
 198 109.2 85.7 128.5  
 97 58.9 45.5 68.3  
 132 25.8 18.9 28.3

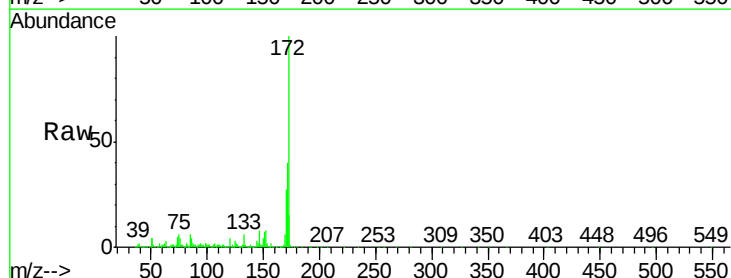


Abundance Ion 196.00 (195.70 to 196.70): E  
 Ion 198.00 (197.70 to 198.70): E  
 Ion 97.00 (96.70 to 97.70): BG  
 Ion 132.00 (131.70 to 132.70): E

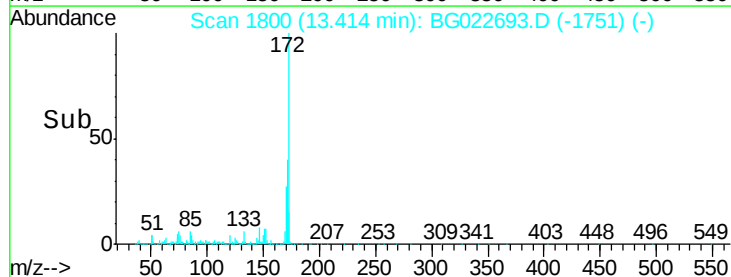
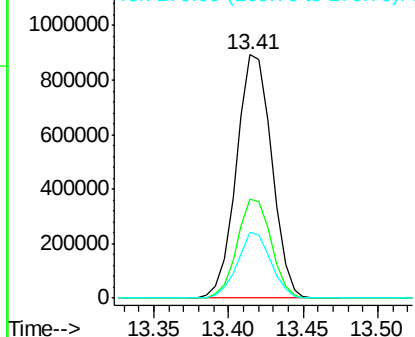


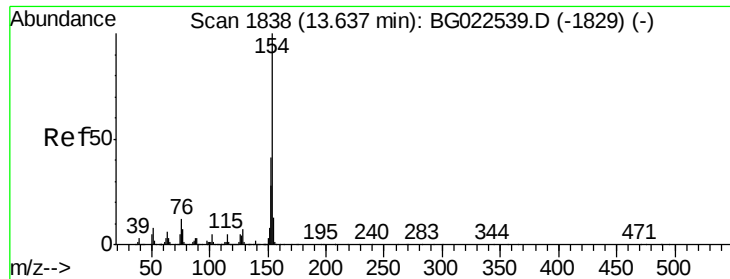
#44  
 2-Fluorobiphenyl  
 Concen: 72.42 ng  
 RT: 13.41 min Scan# 1800  
 Delta R.T. -0.01 min  
 Lab File: BG022693.D  
 Acq: 29 Jun 2016 2:26

Tgt Ion:172 Resp: 1465629  
 Ion Ratio Lower Upper  
 172 100  
 171 40.5 31.6 47.4  
 170 27.0 21.3 31.9



Abundance Ion 172.00 (171.70 to 172.70): E  
 Ion 171.00 (170.70 to 171.70): E  
 Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 18.13 ng

RT: 13.63 min Scan# 1836

Delta R.T. -0.01 min

Lab File: BG022693.D

Acq: 29 Jun 2016 2:26

Instrument :

BNA\_G

ClientSampleId :

EPCH-B1(13-15)MS

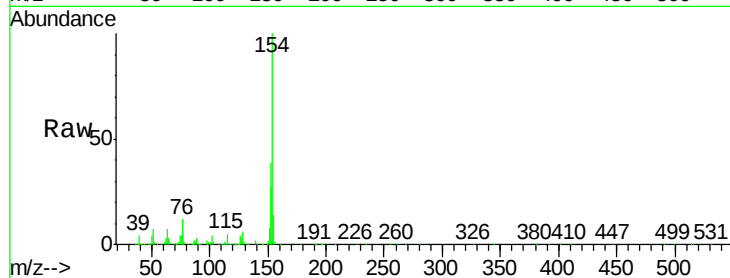
Tot Ion:154 Resp: 443232

Ion Ratio Lower Upper

154 100

153 38.6 20.2 60.2

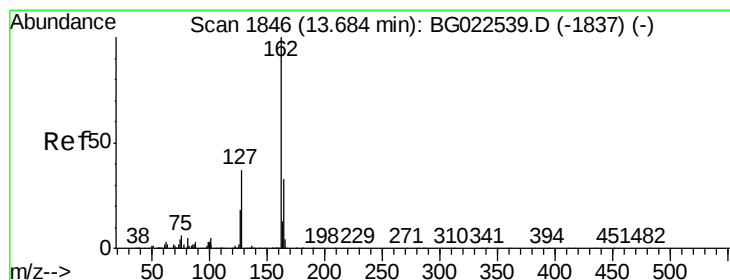
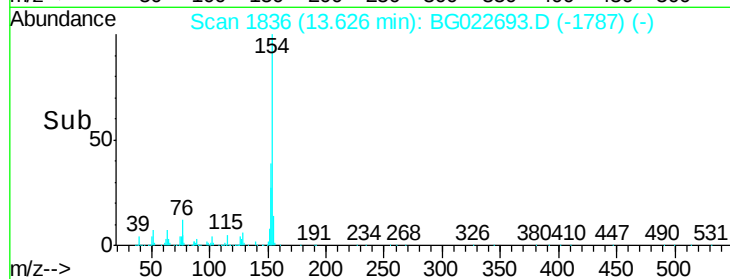
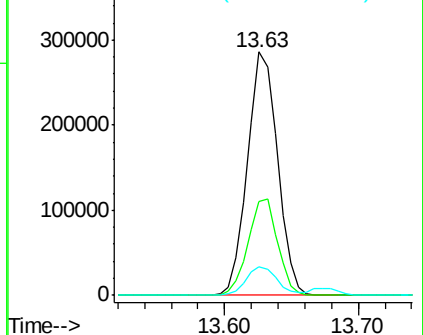
76 11.7 0.0 32.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BGC



#46

2-Chloronaphthalene

Concen: 18.58 ng

RT: 13.67 min Scan# 1844

Delta R.T. -0.01 min

Lab File: BG022693.D

Acq: 29 Jun 2016 2:26

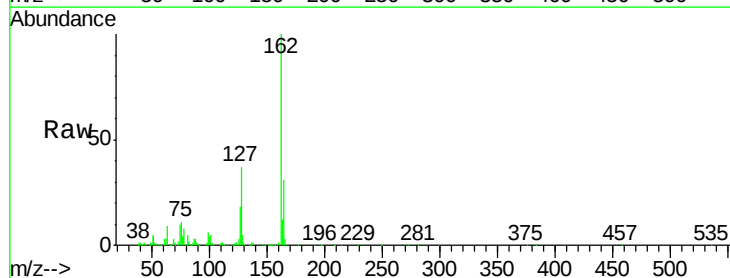
Tgt Ion:162 Resp: 373796

Ion Ratio Lower Upper

162 100

127 36.5 32.4 48.6

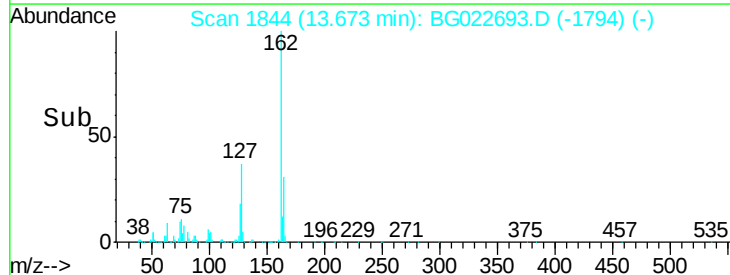
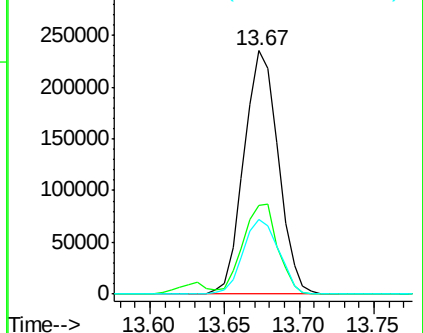
164 30.6 25.2 37.8

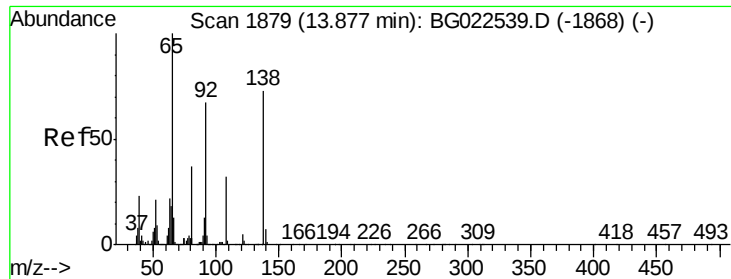


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

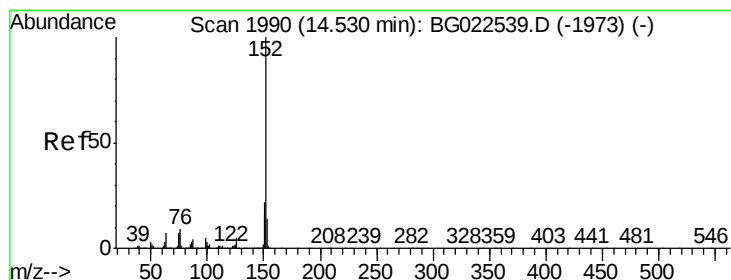
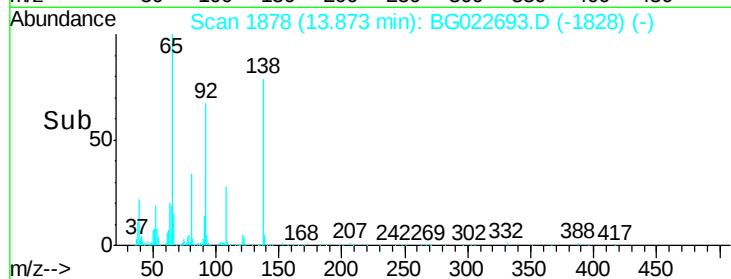
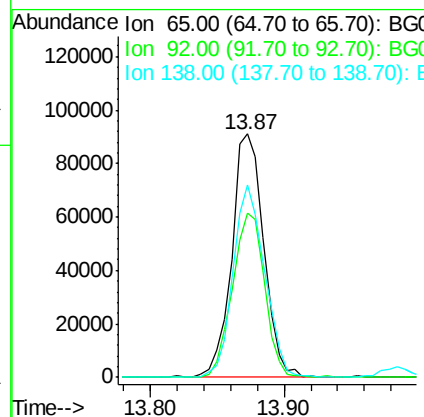
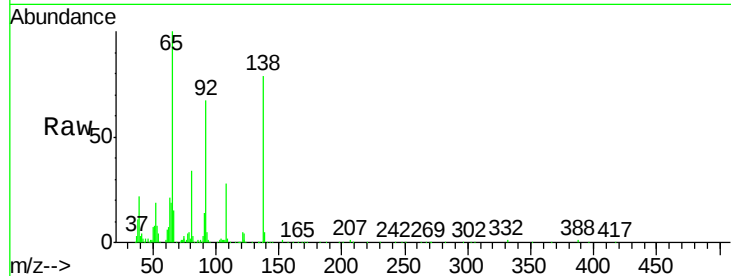




#47  
2-Nitroaniline  
Concen: 19.60 ng  
RT: 13.87 min Scan# 1878  
Delta R.T. -0.01 min  
Lab File: BG022693.D  
Acq: 29 Jun 2016 2:26

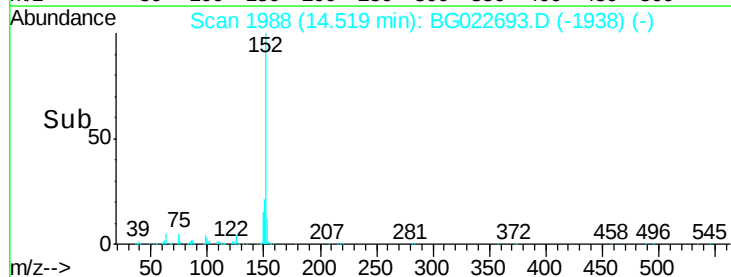
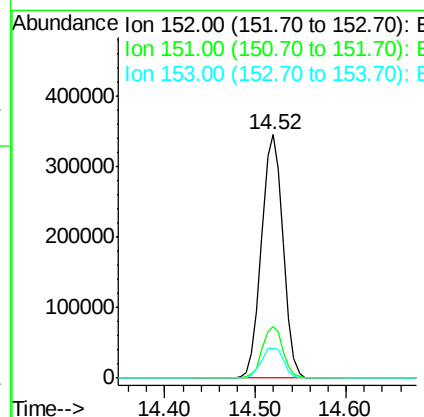
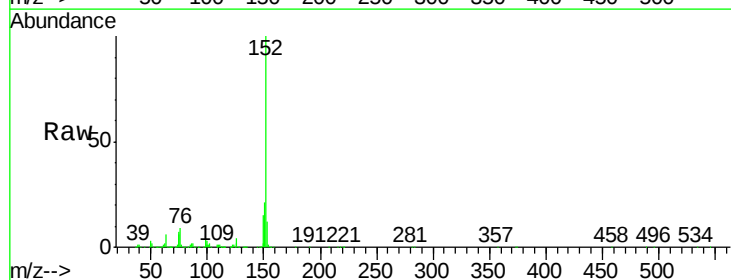
Instrument :  
BNA\_G  
ClientSampleId :  
EPCH-B1(13-15)MS

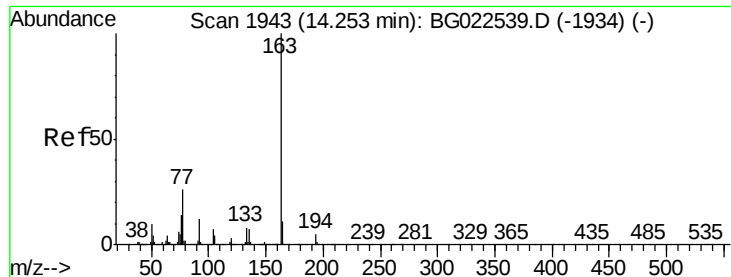
Tot Ion: 65 Resp: 152166  
Ion Ratio Lower Upper  
65 100  
92 67.3 49.4 74.0  
138 78.9 58.0 87.0



#48  
Acenaphthylene  
Concen: 19.52 ng  
RT: 14.52 min Scan# 1988  
Delta R.T. -0.01 min  
Lab File: BG022693.D  
Acq: 29 Jun 2016 2:26

Tgt Ion: 152 Resp: 569607  
Ion Ratio Lower Upper  
152 100  
151 21.0 17.6 26.4  
153 12.2 11.4 17.2

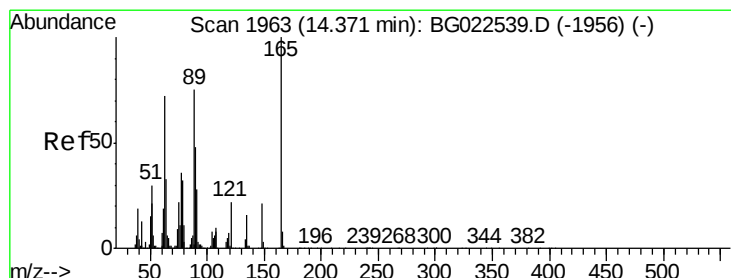
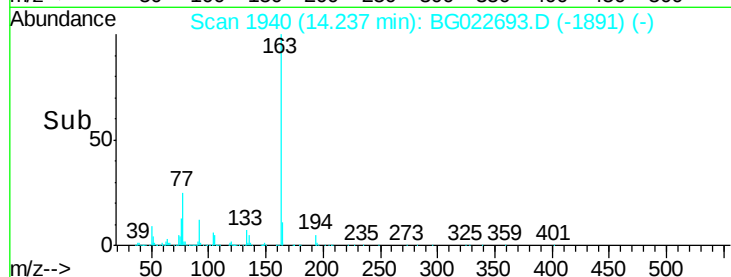
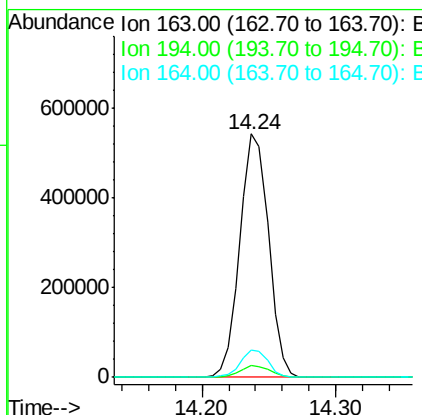
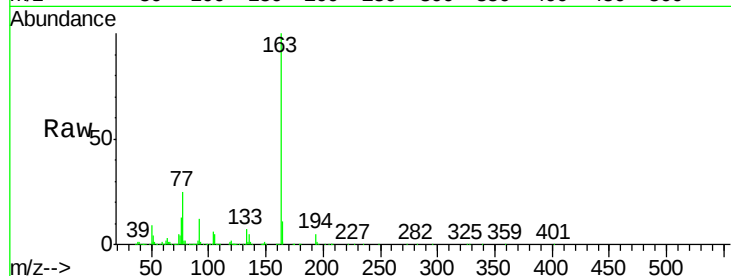




#49  
Dimethylphthalate  
Concen: 30.36 ng  
RT: 14.24 min Scan# 1940  
Delta R.T. -0.01 min  
Lab File: BG022693.D  
Acq: 29 Jun 2016 2:26

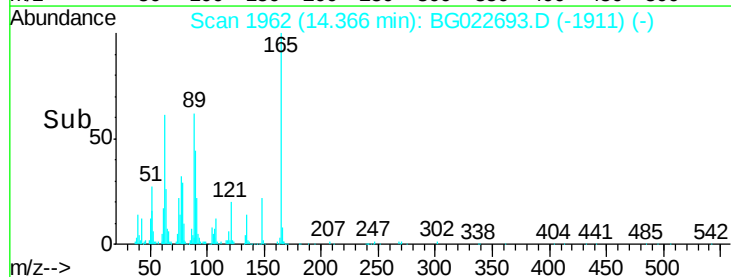
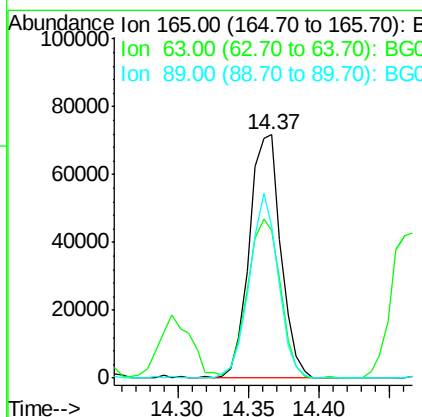
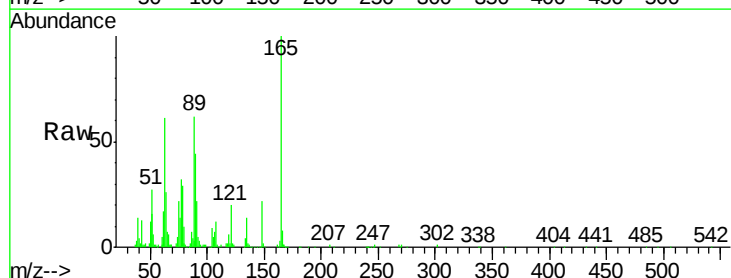
Instrument :  
BNA\_G  
ClientSampleId :  
EPCH-B1(13-15)MS

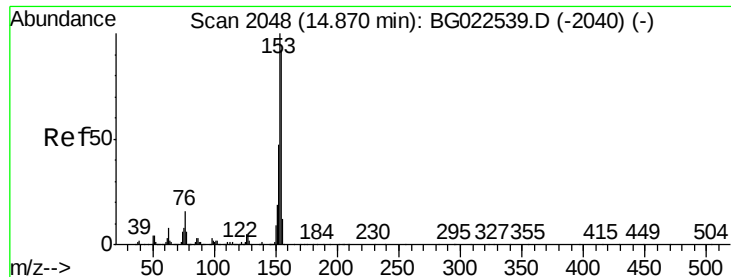
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 163     | 100   |       |       |
| 194     | 4.7   | 3.6   | 5.4   |
| 164     | 11.4  | 8.1   | 12.1  |



#50  
2,6-Dinitrotoluene  
Concen: 19.55 ng  
RT: 14.37 min Scan# 1962  
Delta R.T. 0.00 min  
Lab File: BG022693.D  
Acq: 29 Jun 2016 2:26

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 60.7  | 64.3  | 96.5# |
| 89      | 62.1  | 64.3  | 96.5# |





#51

Acenaphthene

Concen: 16.87 ng

RT: 14.86 min Scan# 2046

Delta R.T. -0.01 min

Lab File: BG022693.D

Acq: 29 Jun 2016 2:26

Instrument :

BNA\_G

ClientSampleId :

EPCH-B1(13-15)MS

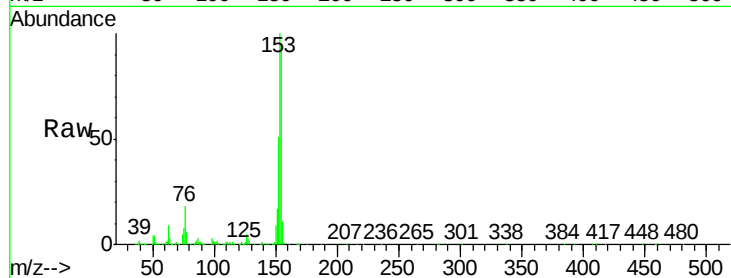
Tot Ion:154 Resp: 362706

Ion Ratio Lower Upper

154 100

153 105.5 87.5 131.3

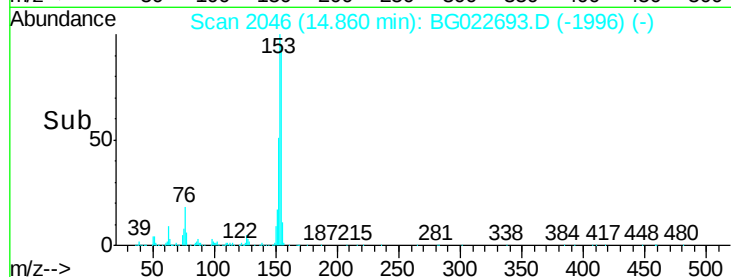
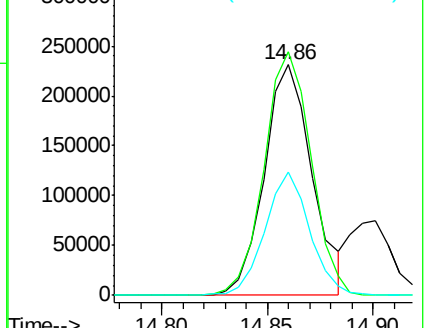
152 53.5 42.7 64.1



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: 17.75 ng

RT: 14.70 min Scan# 2018

Delta R.T. -0.01 min

Lab File: BG022693.D

Acq: 29 Jun 2016 2:26

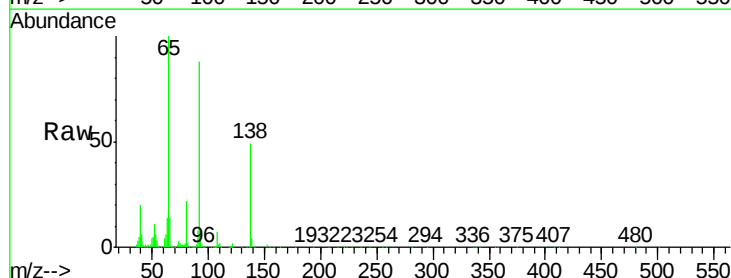
Tgt Ion:138 Resp: 96089

Ion Ratio Lower Upper

138 100

108 15.0 11.7 17.5

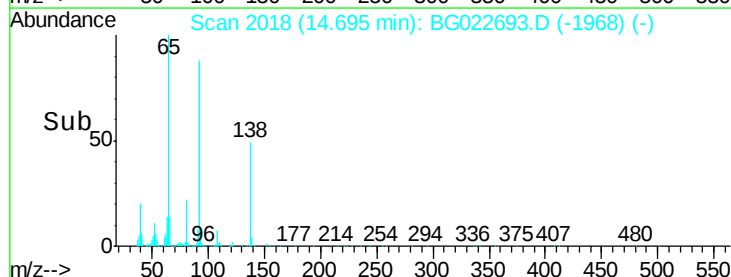
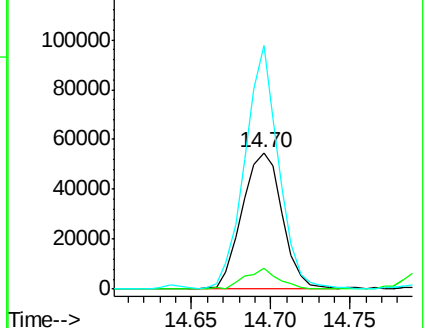
92 178.7 129.7 194.5

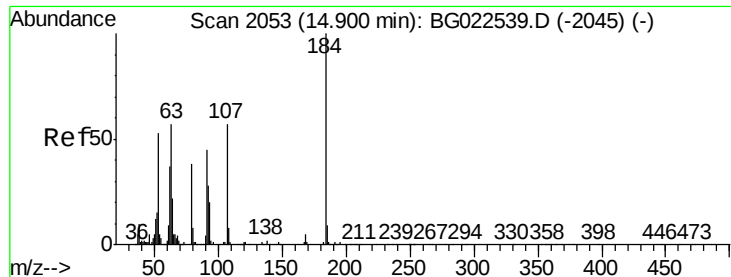


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC





#53

2,4-Dinitrophenol

Concen: 45.19 ng

RT: 14.90 min Scan# 2052

Delta R.T. 0.00 min

Lab File: BG022693.D

Acq: 29 Jun 2016 2:26

Instrument :

BNA\_G

ClientSampleId :

EPCH-B1(13-15)MS

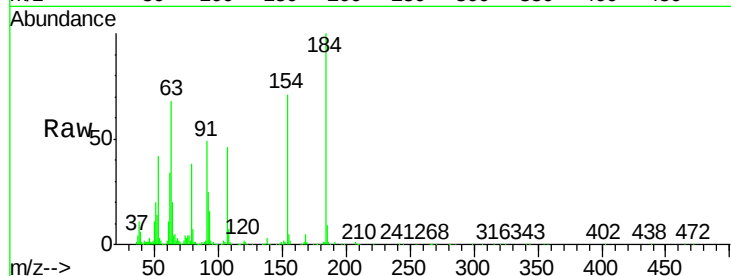
Tot Ion:184 Resp: 161036

Ion Ratio Lower Upper

184 100

63 67.5 59.6 89.4

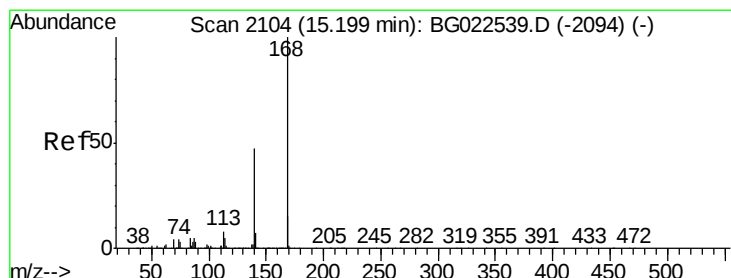
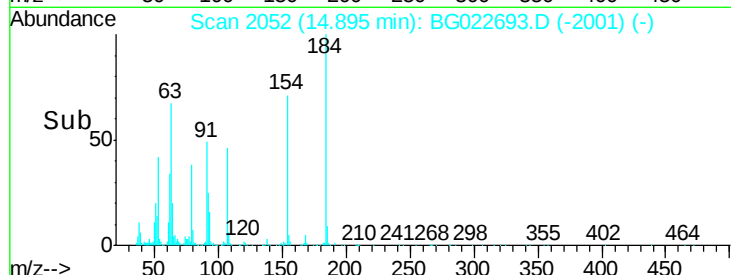
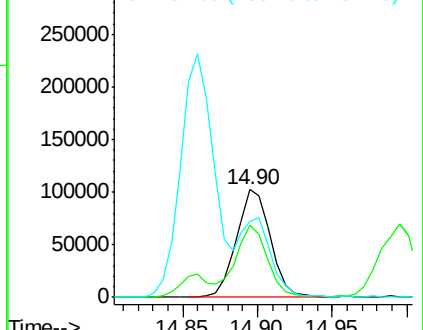
154 71.1 67.4 101.0



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 19.38 ng

RT: 15.19 min Scan# 2103

Delta R.T. -0.01 min

Lab File: BG022693.D

Acq: 29 Jun 2016 2:26

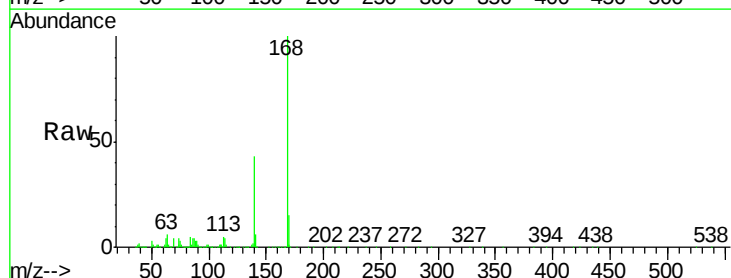
Tgt Ion:168 Resp: 603442

Ion Ratio Lower Upper

168 100

139 42.7 36.4 54.6

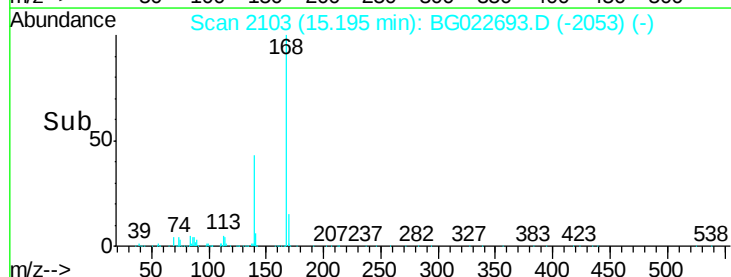
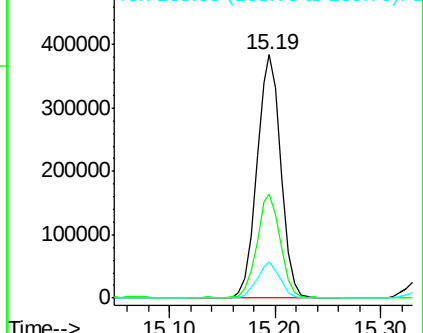
169 14.8 11.9 17.9

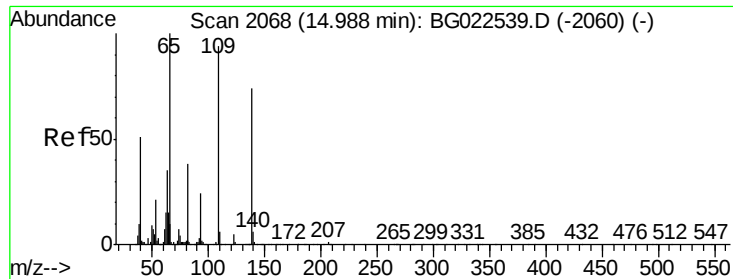


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 65.42 ng

RT: 14.99 min Scan# 2069

Delta R.T. 0.01 min

Lab File: BG022693.D

Acq: 29 Jun 2016 2:26

Instrument :

BNA\_G

ClientSampleId :

EPCH-B1(13-15)MS

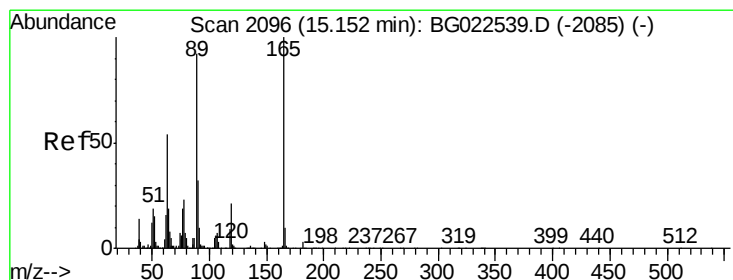
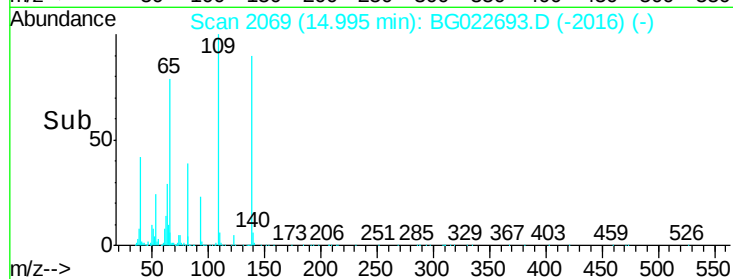
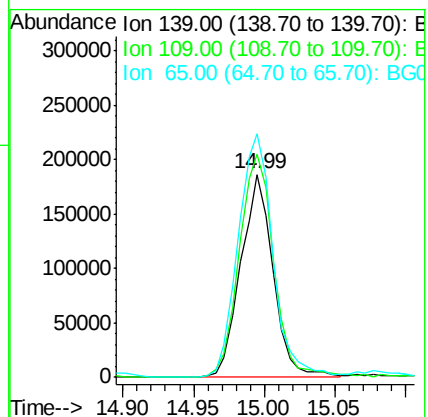
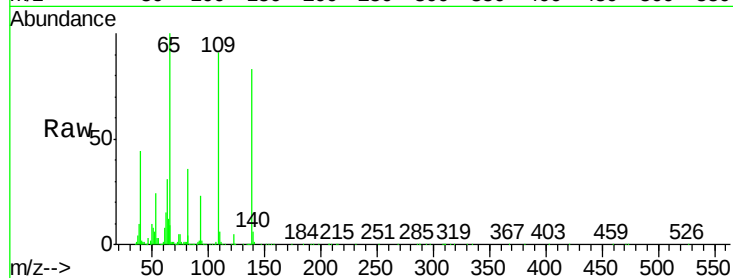
Tot Ion:139 Resp: 299480

Ion Ratio Lower Upper

139 100

109 109.7 103.0 143.0

65 120.0 112.7 152.7



#56

2,4-Dinitrotoluene

Concen: 21.37 ng

RT: 15.15 min Scan# 2095

Delta R.T. -0.01 min

Lab File: BG022693.D

Acq: 29 Jun 2016 2:26

Tgt Ion:165 Resp: 171254

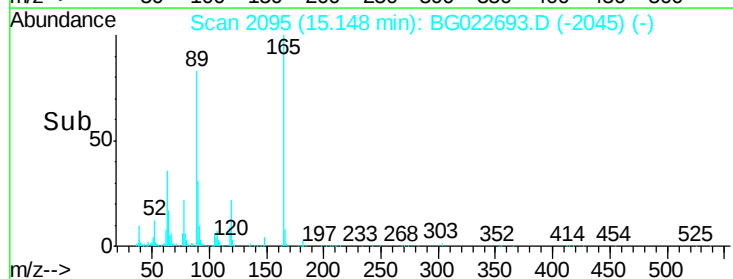
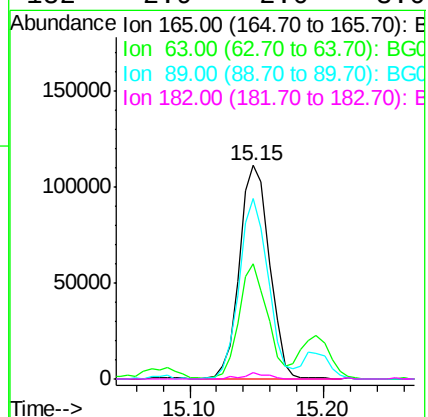
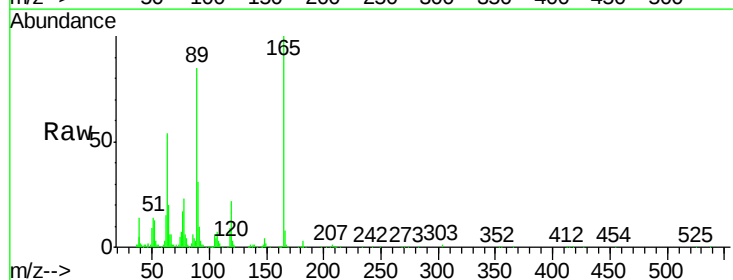
Ion Ratio Lower Upper

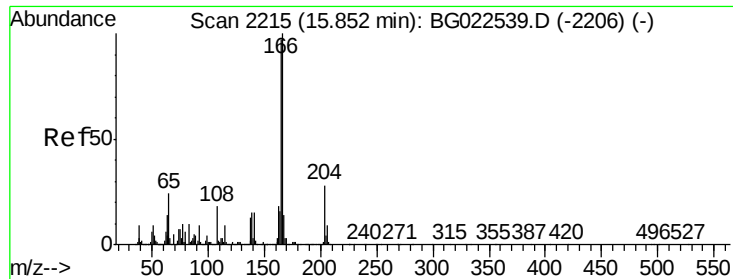
165 100

63 53.7 45.8 68.6

89 84.7 68.6 102.8

182 2.9 2.0 3.0





#57

Fluorene

Concen: 19.62 ng

RT: 15.85 min Scan# 2214

Delta R.T. 0.00 min

Lab File: BG022693.D

Acq: 29 Jun 2016 2:26

Instrument :

BNA\_G

ClientSampleId :

EPCH-B1(13-15)MS

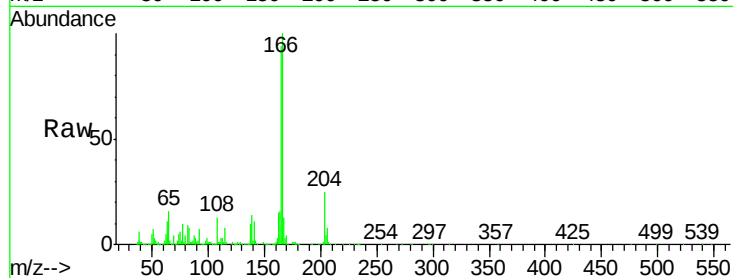
Tot Ion:166 Resp: 487338

Ion Ratio Lower Upper

166 100

165 93.8 81.0 121.6

167 13.4 12.0 18.0

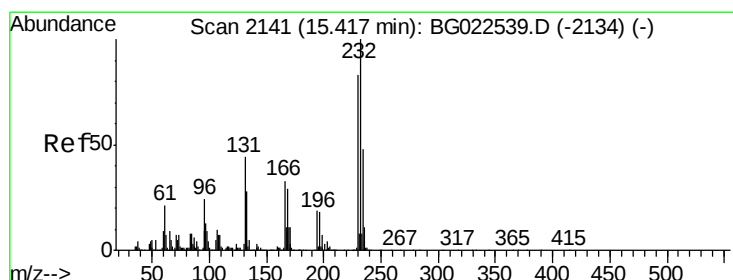
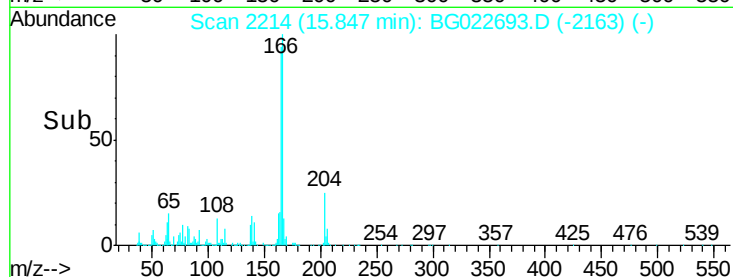
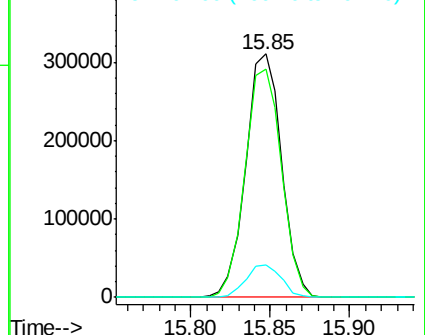


Abundance

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: 21.98 ng

RT: 15.41 min Scan# 2140

Delta R.T. -0.01 min

Lab File: BG022693.D

Acq: 29 Jun 2016 2:26

Tgt Ion:232 Resp: 185290

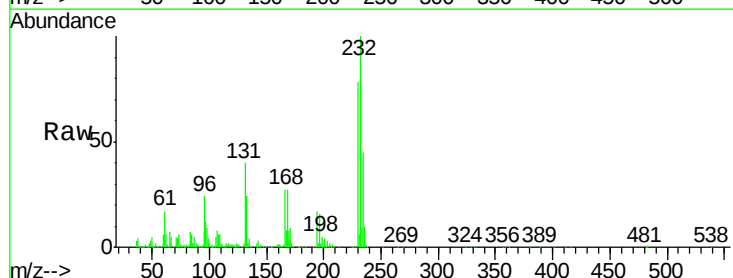
Ion Ratio Lower Upper

232 100

131 39.7 32.7 49.1

130 2.4 2.6 3.8#

166 29.6 23.0 34.6



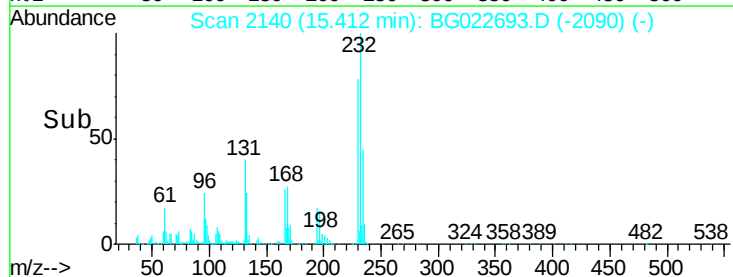
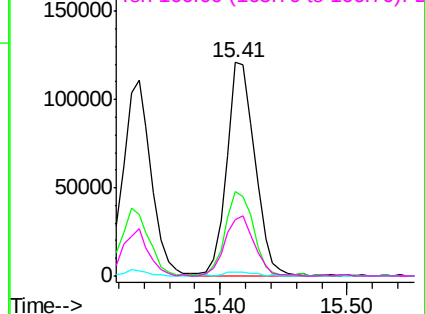
Abundance

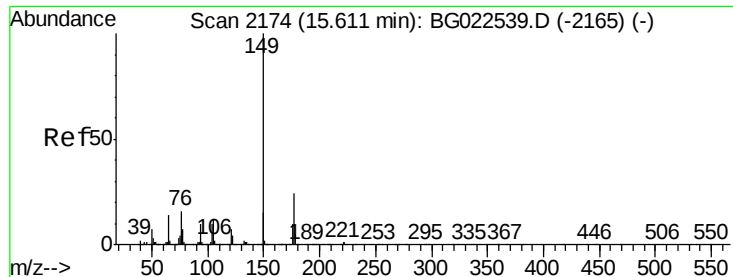
Ion 232.00 (231.70 to 232.70): E

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

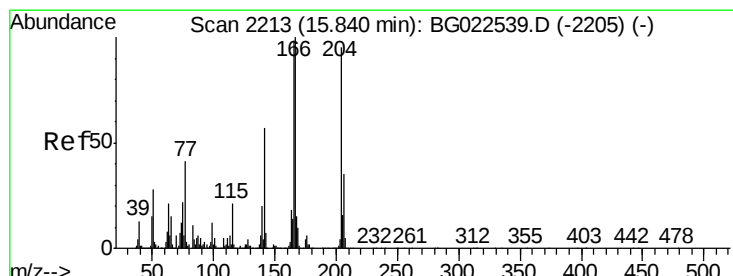
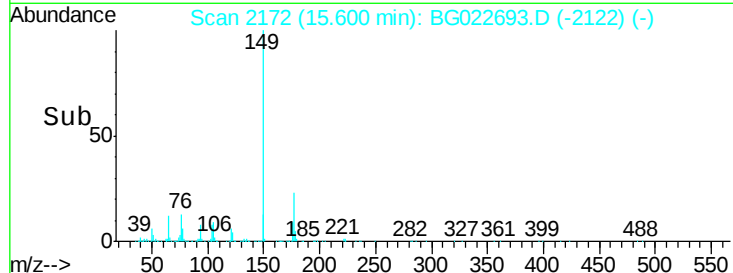
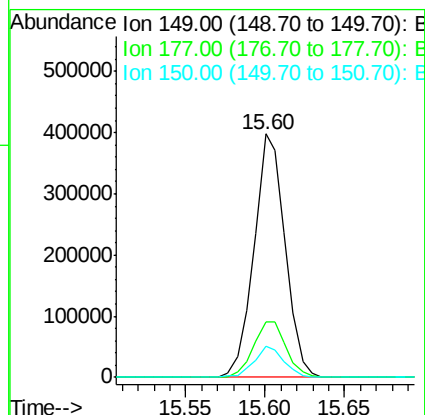
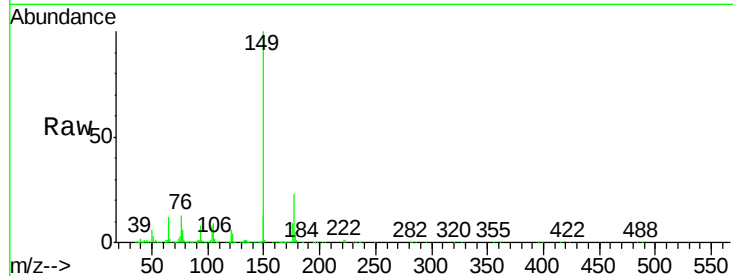




#59  
Diethylphthalate  
Concen: 19.73 ng  
RT: 15.60 min Scan# 2172  
Delta R.T. -0.01 min  
Lab File: BG022693.D  
Acq: 29 Jun 2016 2:26

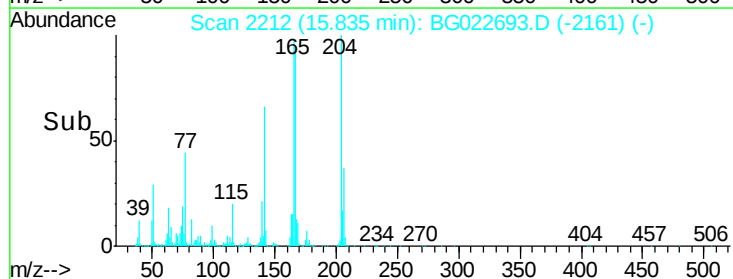
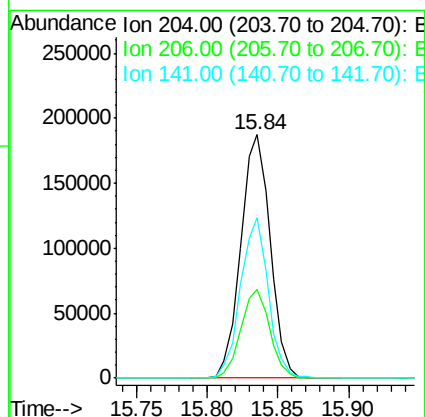
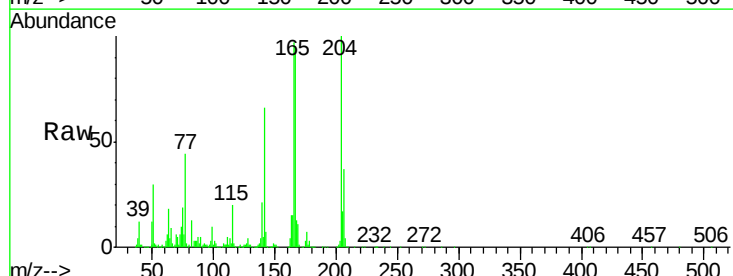
Instrument :  
BNA\_G  
ClientSampleId :  
EPCH-B1(13-15)MS

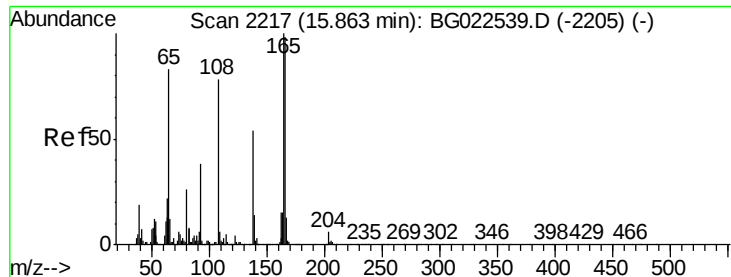
Tot Ion:149 Resp: 540007  
Ion Ratio Lower Upper  
149 100  
177 22.7 19.2 28.8  
150 13.0 10.6 16.0



#60  
4-Chlorophenyl-phenylether  
Concen: 18.43 ng  
RT: 15.84 min Scan# 2212  
Delta R.T. 0.00 min  
Lab File: BG022693.D  
Acq: 29 Jun 2016 2:26

Tgt Ion:204 Resp: 272639  
Ion Ratio Lower Upper  
204 100  
206 36.7 28.5 42.7  
141 66.1 51.4 77.0

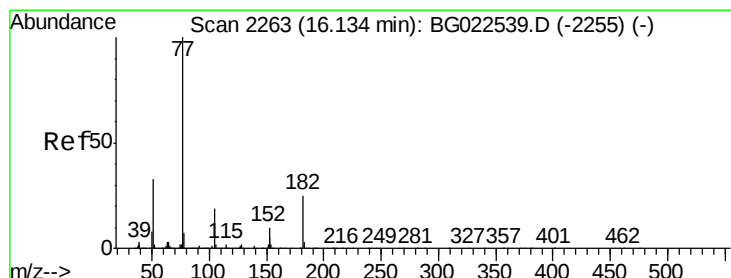
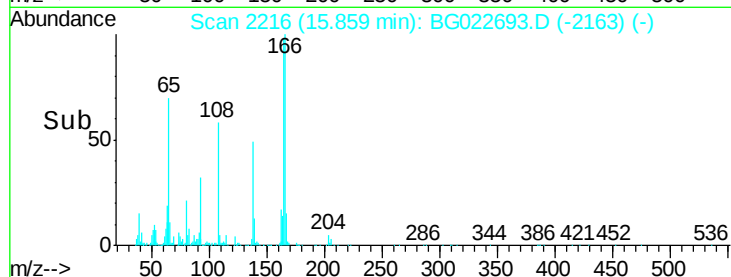
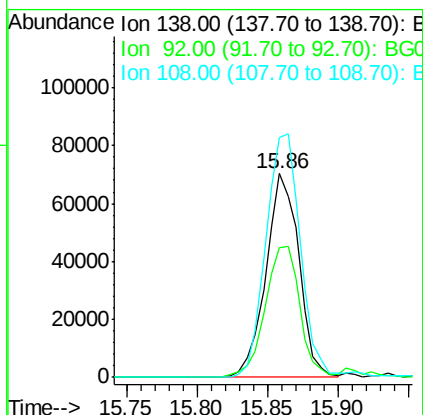
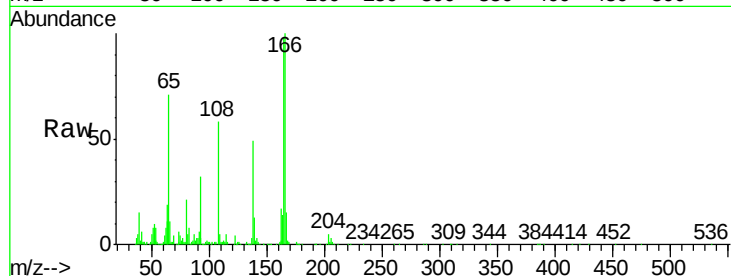




#61  
4-Nitroaniline  
Concen: 20.65 ng  
RT: 15.86 min Scan# 2216  
Delta R.T. 0.01 min  
Lab File: BG022693.D  
Acq: 29 Jun 2016 2:26

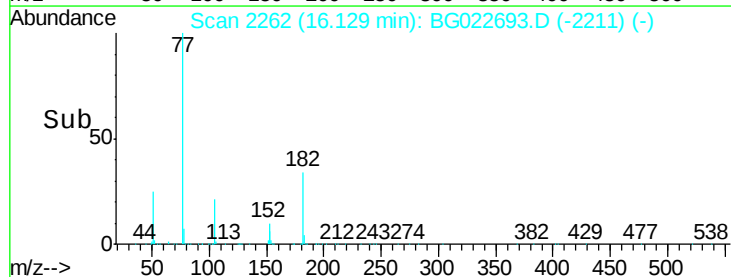
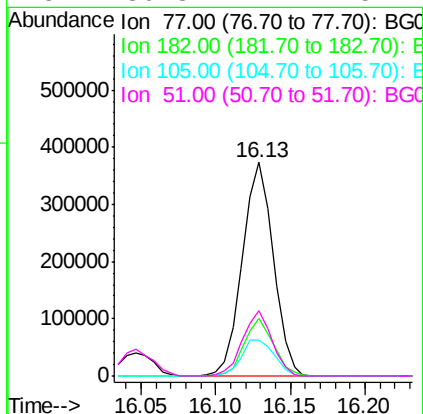
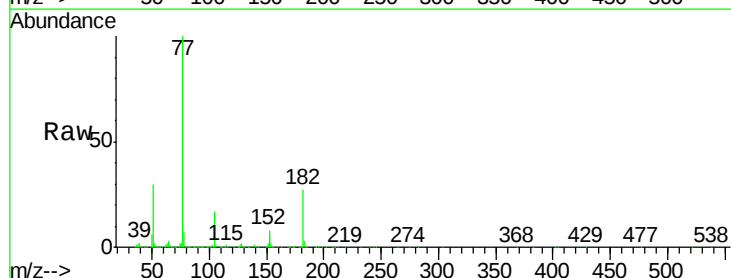
Instrument :  
BNA\_G  
ClientSampleId :  
EPCH-B1(13-15)MS

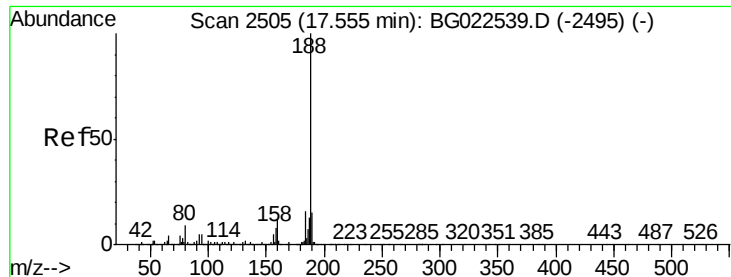
Tot Ion:138 Resp: 115334  
Ion Ratio Lower Upper  
138 100  
92 63.8 54.1 94.1  
108 117.8 133.9 173.9#



#62  
Azobenzene  
Concen: 18.10 ng  
RT: 16.13 min Scan# 2262  
Delta R.T. 0.00 min  
Lab File: BG022693.D  
Acq: 29 Jun 2016 2:26

Tgt Ion: 77 Resp: 536651  
Ion Ratio Lower Upper  
77 100  
182 26.8 3.5 43.5  
105 17.1 0.0 38.5  
51 30.3 17.1 57.1





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.56 min Scan# 2505

Delta R.T. 0.01 min

Lab File: BG022693.D

Acq: 29 Jun 2016 2:26

Instrument :

BNA\_G

ClientSampleId :

EPCH-B1(13-15)MS

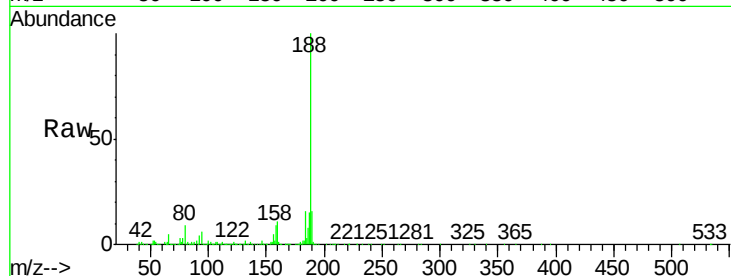
Tot Ion:188 Resp: 877689

Ion Ratio Lower Upper

188 100

94 6.4 5.2 7.8

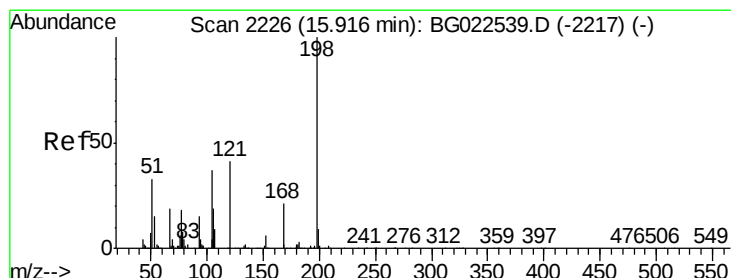
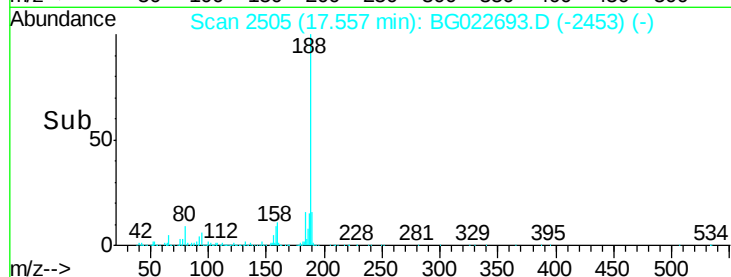
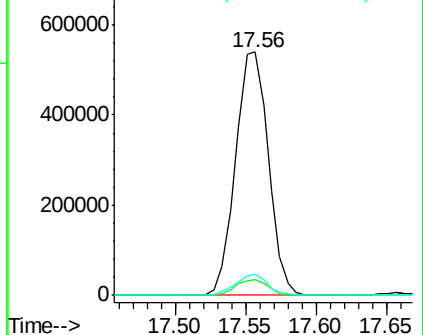
80 8.6 7.2 10.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#64

4,6-Dinitro-2-methylphenol

Concen: 19.11 ng

RT: 15.91 min Scan# 2225

Delta R.T. 0.00 min

Lab File: BG022693.D

Acq: 29 Jun 2016 2:26

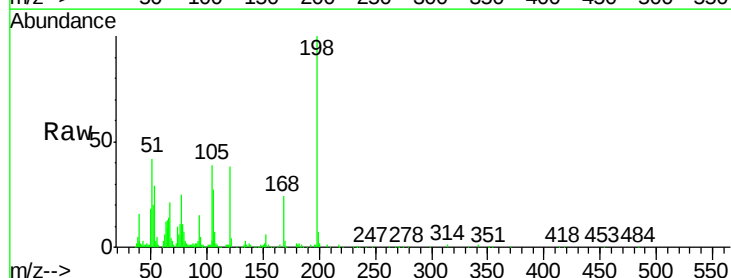
Tgt Ion:198 Resp: 112481

Ion Ratio Lower Upper

198 100

51 42.1 26.0 66.0

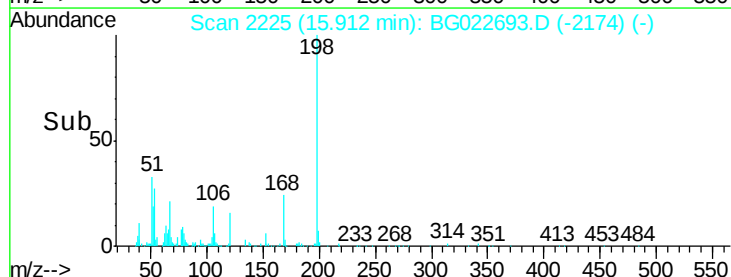
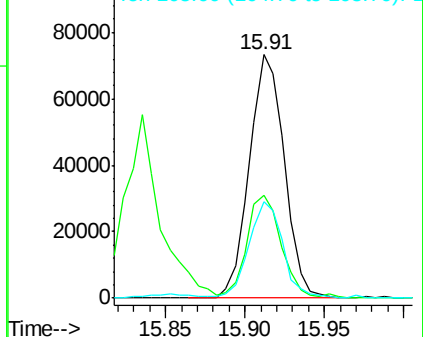
105 39.4 20.1 60.1

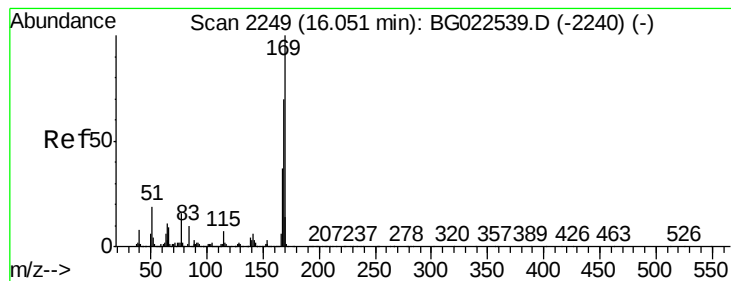


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 17.97 ng

RT: 16.05 min Scan# 2248

Delta R.T. 0.00 min

Lab File: BG022693.D

Acq: 29 Jun 2016 2:26

Instrument :

BNA\_G

ClientSampleId :

EPCH-B1(13-15)MS

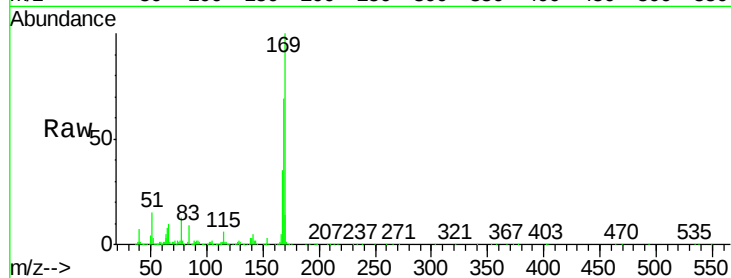
Tot Ion:169 Resp: 458931

Ion Ratio Lower Upper

169 100

168 69.1 55.0 82.4

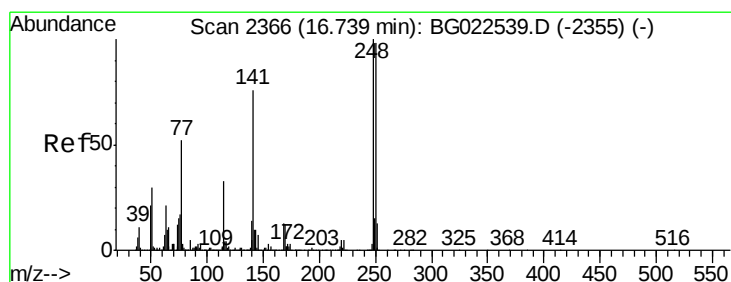
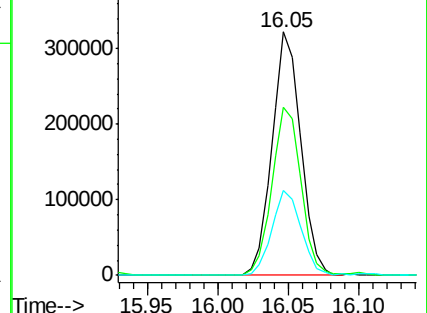
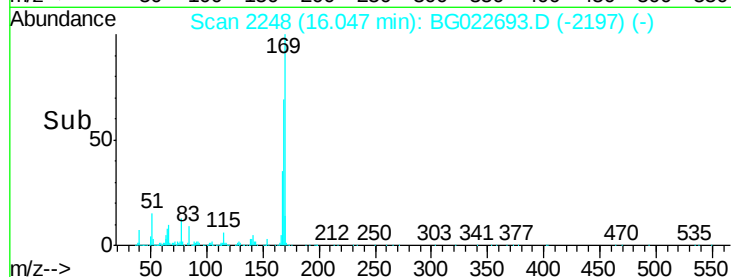
167 34.9 27.4 41.0



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: 16.97 ng

RT: 16.73 min Scan# 2365

Delta R.T. 0.00 min

Lab File: BG022693.D

Acq: 29 Jun 2016 2:26

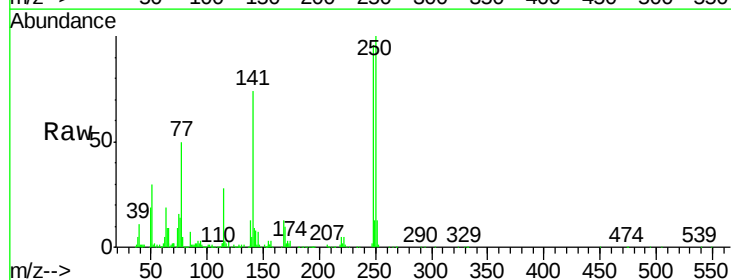
Tgt Ion:248 Resp: 193193

Ion Ratio Lower Upper

248 100

250 104.0 77.8 116.8

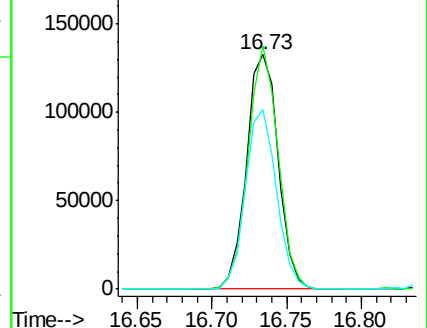
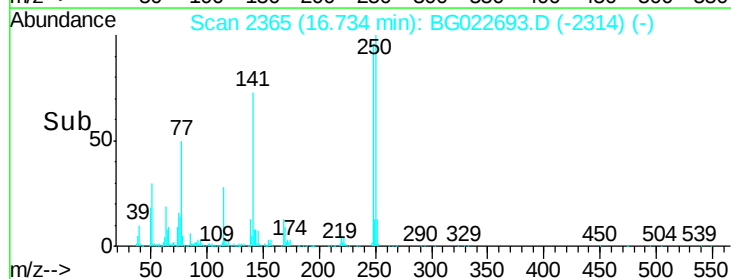
141 76.7 65.7 98.5

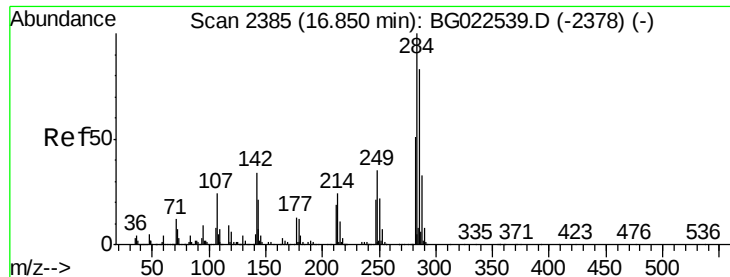


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 17.19 ng

RT: 16.85 min Scan# 2385

Delta R.T. 0.00 min

Lab File: BG022693.D

Acq: 29 Jun 2016 2:26

Instrument :

BNA\_G

ClientSampleId :

EPCH-B1(13-15)MS

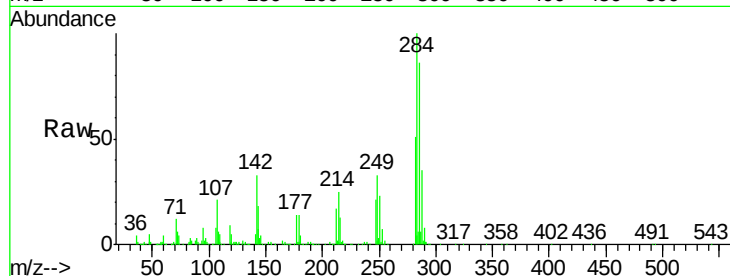
Tot Ion:284 Resp: 206923

Ion Ratio Lower Upper

284 100

142 33.5 26.8 40.2

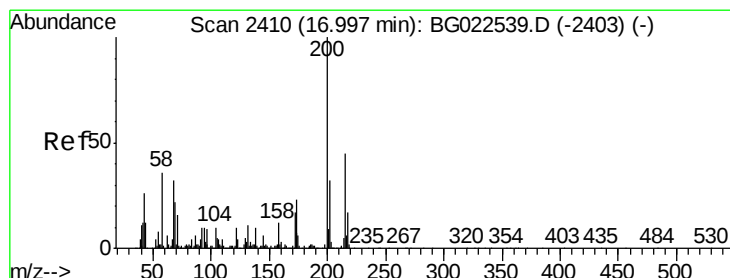
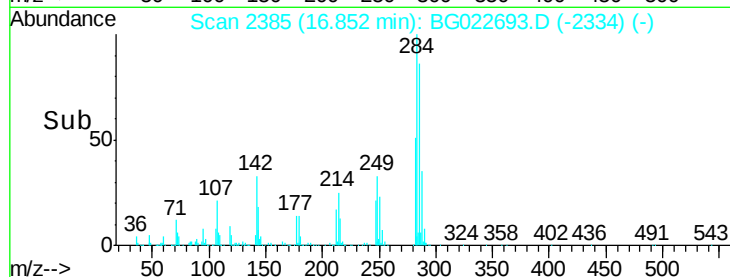
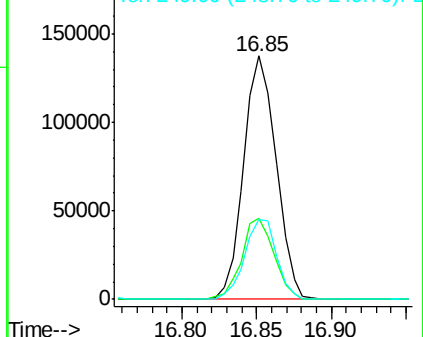
249 32.8 28.9 43.3



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 19.99 ng

RT: 16.99 min Scan# 2409

Delta R.T. 0.00 min

Lab File: BG022693.D

Acq: 29 Jun 2016 2:26

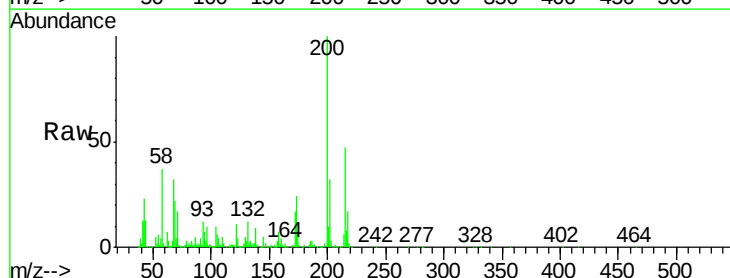
Tgt Ion:200 Resp: 215614

Ion Ratio Lower Upper

200 100

173 24.0 1.6 41.6

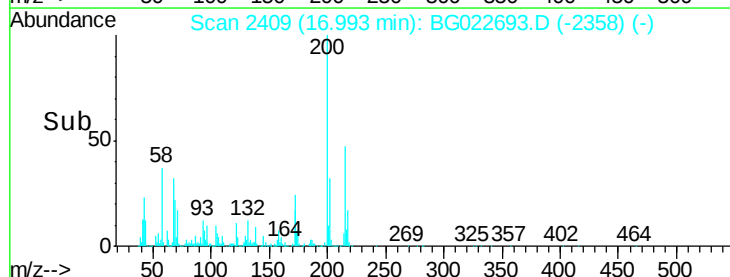
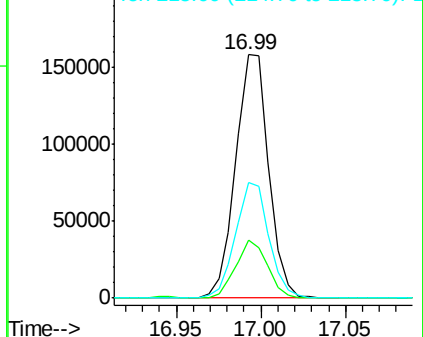
215 47.2 28.7 68.7



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 53.19 ng

RT: 17.20 min Scan# 2444

Delta R.T. 0.01 min

Lab File: BG022693.D

Acq: 29 Jun 2016 2:26

Instrument :

BNA\_G

ClientSampleId :

EPCH-B1(13-15)MS

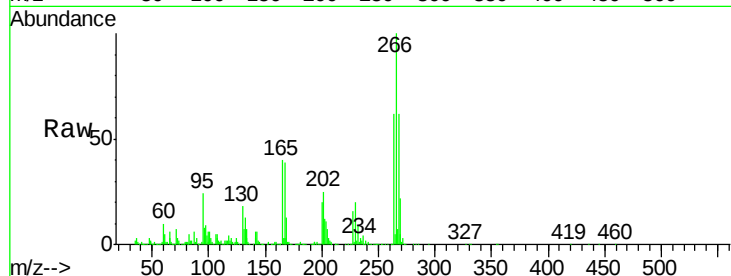
Tot Ion:266 Resp: 440724

Ion Ratio Lower Upper

266 100

268 61.8 51.9 77.9

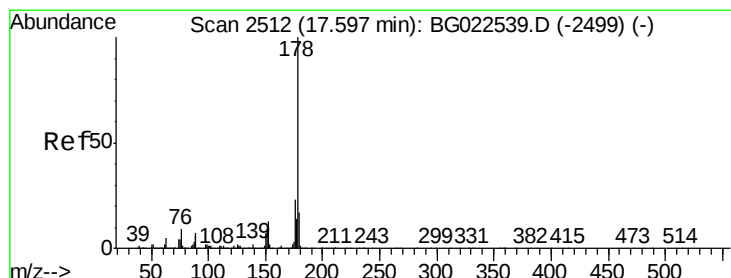
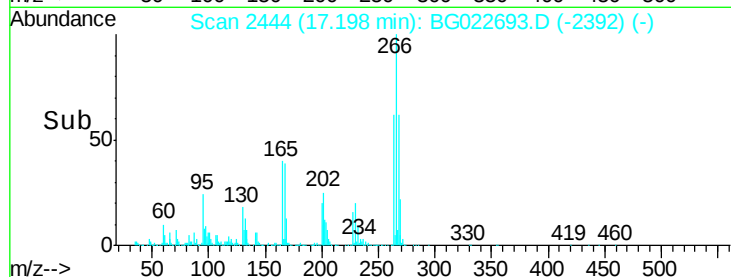
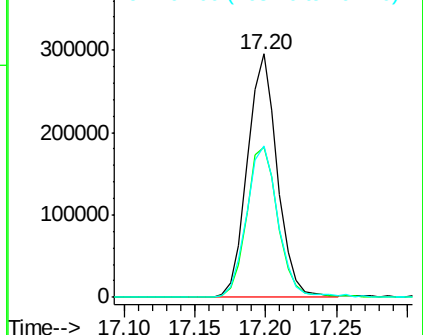
264 62.5 50.6 75.8



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 18.77 ng

RT: 17.60 min Scan# 2512

Delta R.T. 0.01 min

Lab File: BG022693.D

Acq: 29 Jun 2016 2:26

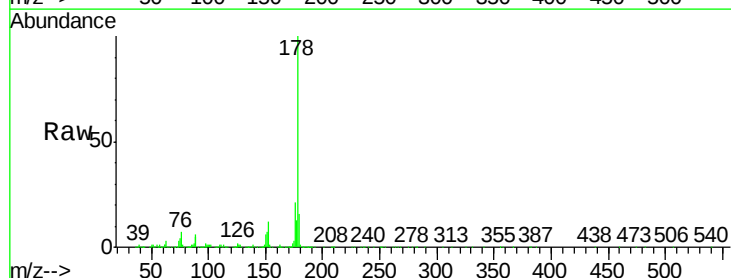
Tgt Ion:178 Resp: 840301

Ion Ratio Lower Upper

178 100

176 21.5 16.8 25.2

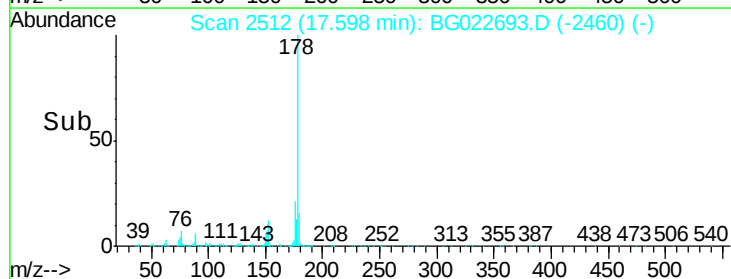
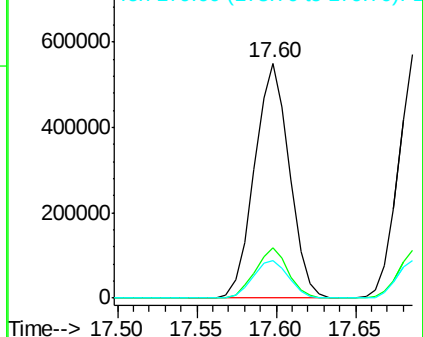
179 16.1 14.3 21.5

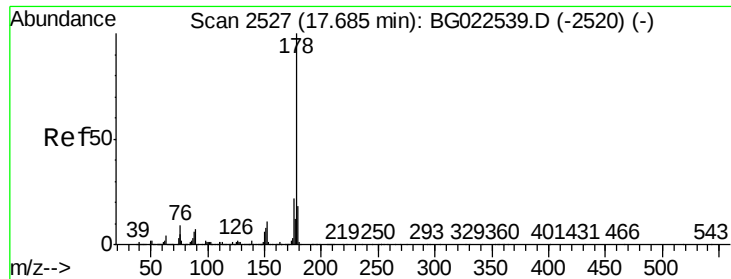


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

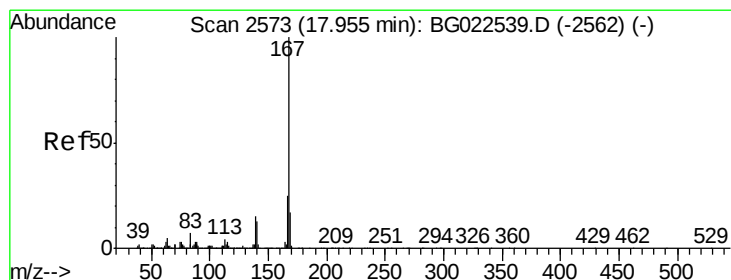
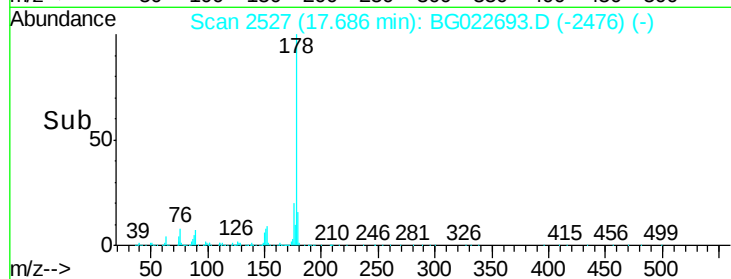
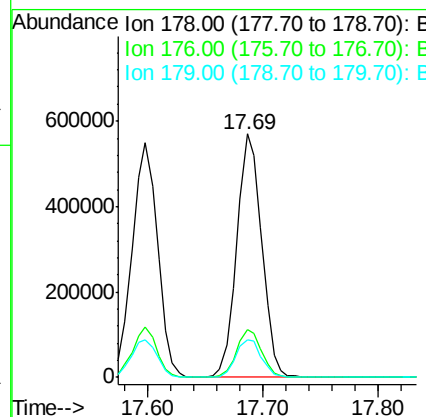
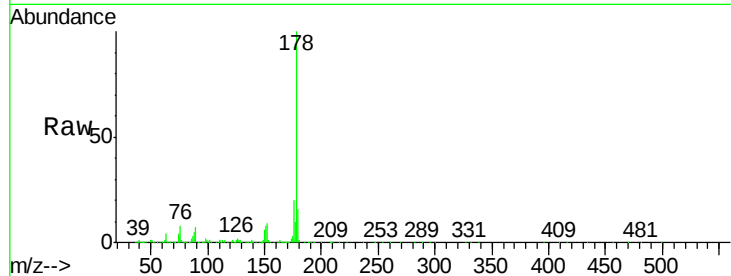




#71  
 Anthracene  
 Concen: 18.52 ng  
 RT: 17.69 min Scan# 2527  
 Delta R.T. 0.00 min  
 Lab File: BG022693.D  
 Acq: 29 Jun 2016 2:26

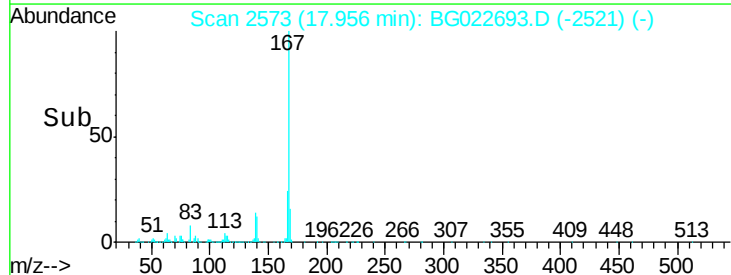
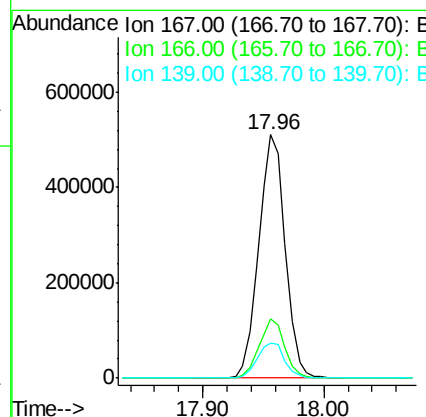
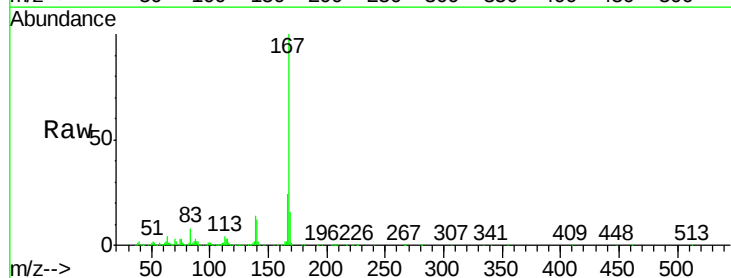
Instrument :  
 BNA\_G  
 ClientSampleId :  
 EPCH-B1(13-15)MS

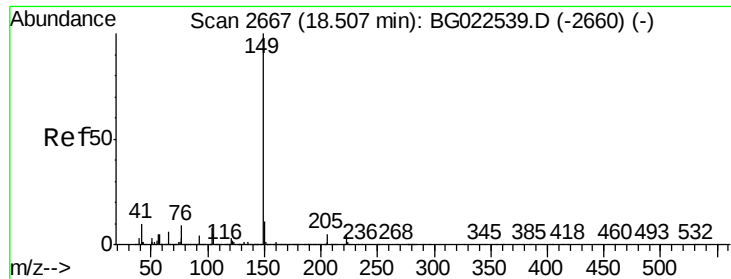
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 19.5  | 17.3  | 25.9  |
| 179     | 15.6  | 14.0  | 21.0  |



#72  
 Carbazole  
 Concen: 19.90 ng  
 RT: 17.96 min Scan# 2573  
 Delta R.T. 0.01 min  
 Lab File: BG022693.D  
 Acq: 29 Jun 2016 2:26

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 24.1  | 20.7  | 31.1  |
| 139     | 14.4  | 11.9  | 17.9  |





#73

Di-n-butylphthalate

Concen: 19.43 ng

RT: 18.51 min Scan# 2667

Delta R.T. 0.00 min

Lab File: BG022693.D

Acq: 29 Jun 2016 2:26

Instrument :

BNA\_G

ClientSampleId :

EPCH-B1(13-15)MS

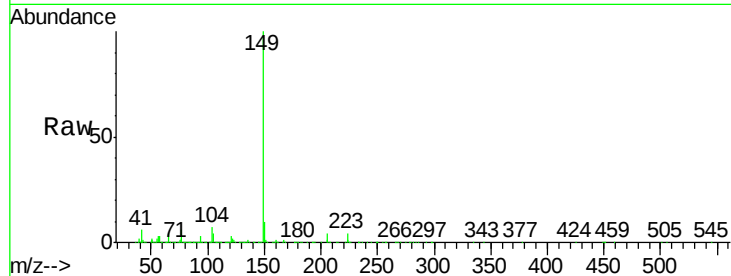
Tot Ion:149 Resp: 883680

Ion Ratio Lower Upper

149 100

150 9.5 9.1 13.7

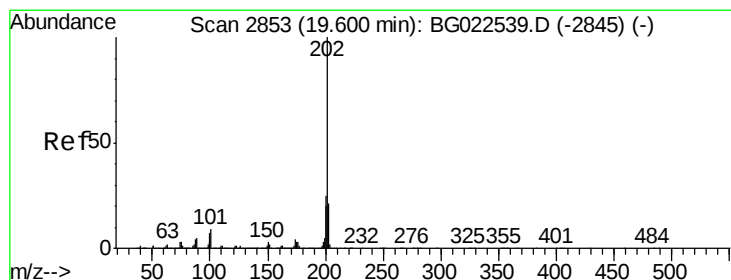
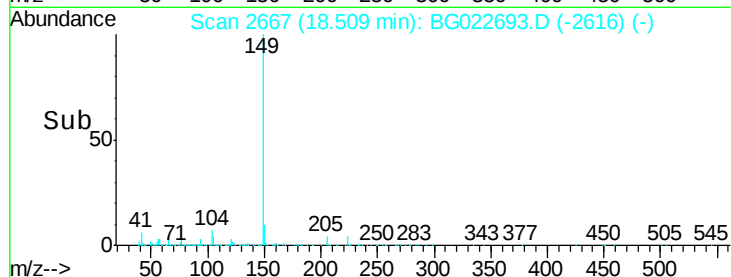
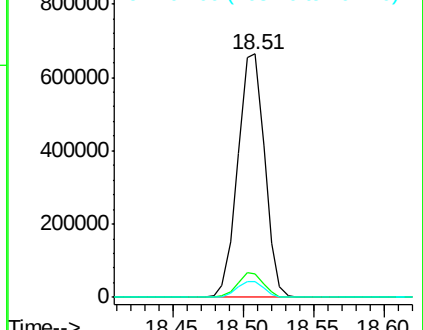
104 6.7 6.9 10.3#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 20.27 ng

RT: 19.60 min Scan# 2853

Delta R.T. 0.01 min

Lab File: BG022693.D

Acq: 29 Jun 2016 2:26

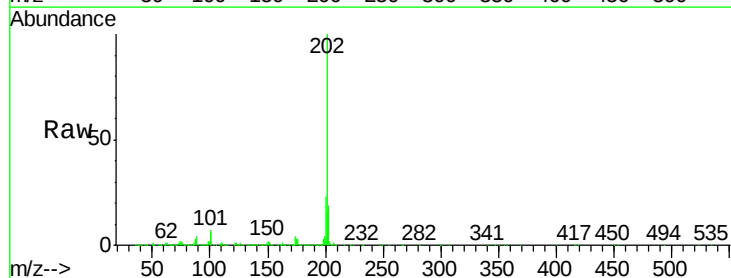
Tgt Ion:202 Resp: 1045310

Ion Ratio Lower Upper

202 100

101 6.8 0.0 27.4

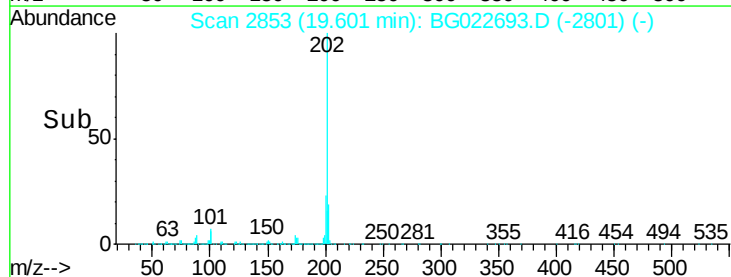
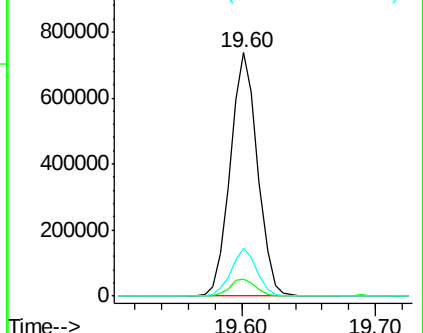
203 19.4 1.7 41.7

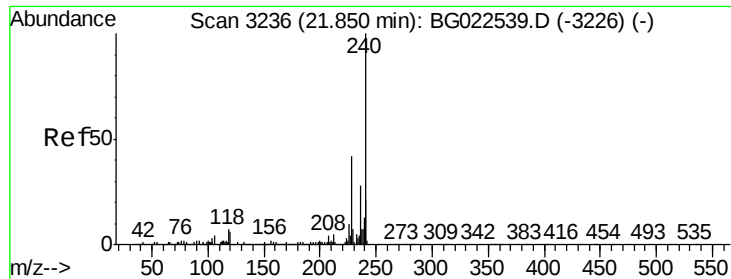


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

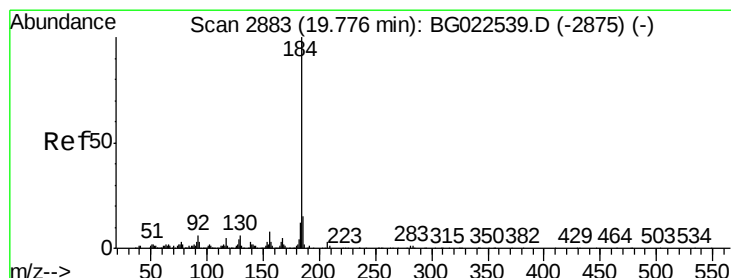
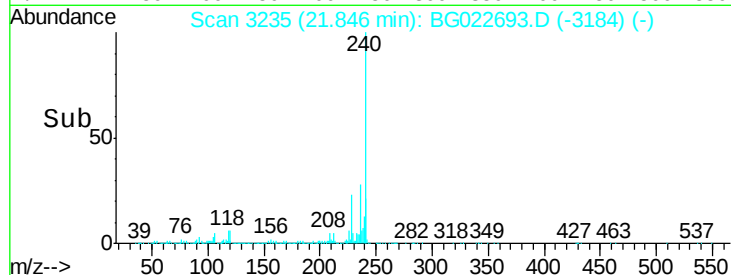
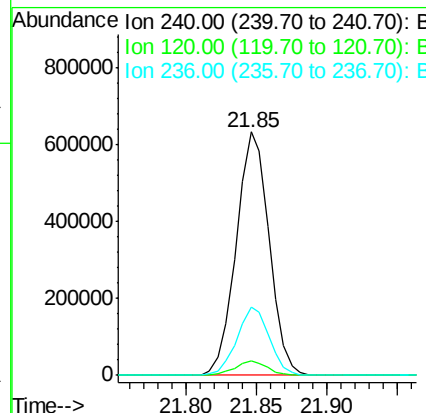
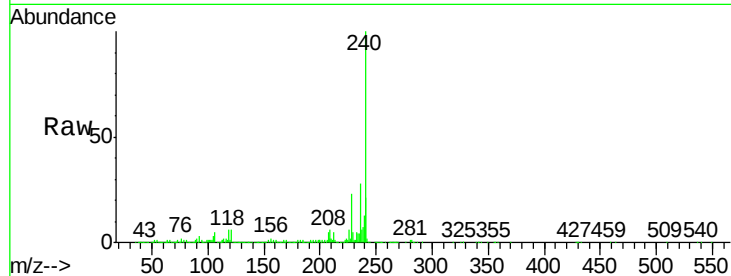




#75  
 Chrvsene-d12  
 Concen: 20.00 ng  
 RT: 21.85 min Scan# 3235  
 Delta R.T. 0.00 min  
 Lab File: BG022693.D  
 Acq: 29 Jun 2016 2:26

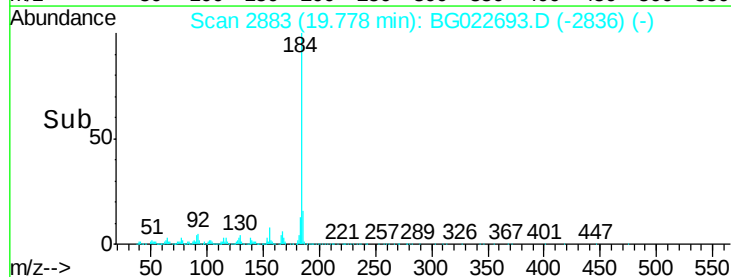
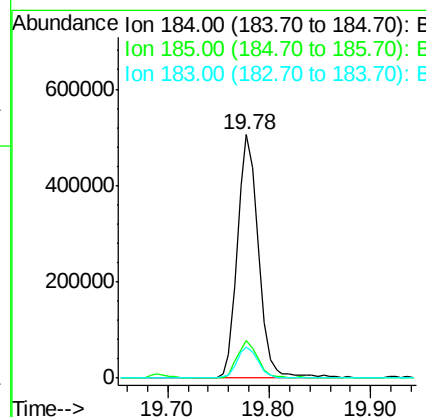
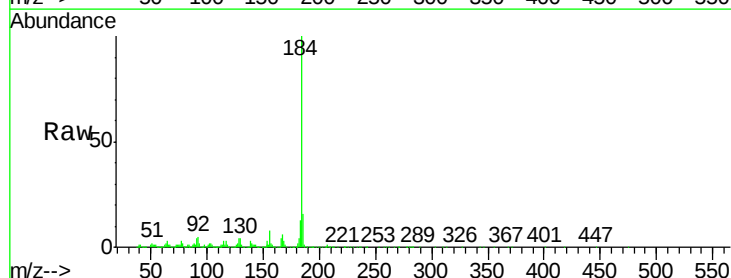
Instrument :  
 BNA\_G  
 ClientSampleId :  
 EPCH-B1(13-15)MS

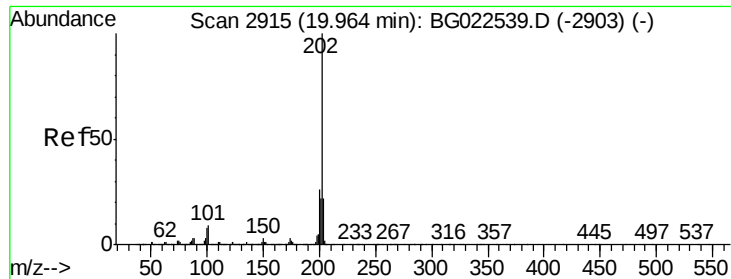
Tot Ion:240 Resp: 1023235  
 Ion Ratio Lower Upper  
 240 100  
 120 6.0 4.1 6.1  
 236 27.8 21.1 31.7



#76  
 Benzidine  
 Concen: 67.06 ng  
 RT: 19.78 min Scan# 2883  
 Delta R.T. -0.02 min  
 Lab File: BG022693.D  
 Acq: 29 Jun 2016 2:26

Tgt Ion:184 Resp: 730530  
 Ion Ratio Lower Upper  
 184 100  
 185 15.5 12.6 19.0  
 183 13.0 10.7 16.1





#77

Pvrene

Concen: 19.28 ng

RT: 19.97 min Scan# 2915

Delta R.T. 0.01 min

Lab File: BG022693.D

Acq: 29 Jun 2016 2:26

Instrument :

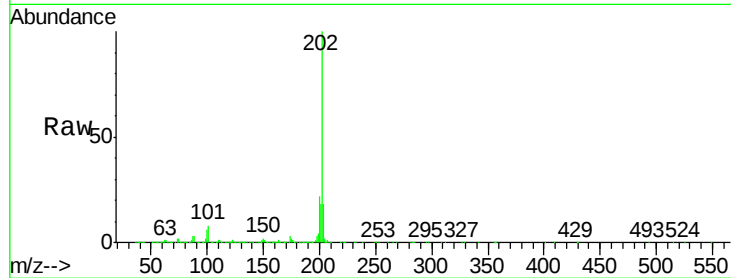
BNA\_G

ClientSampleId :

EPCH-B1(13-15)MS

Tot Ion:202 Resp: 1050789

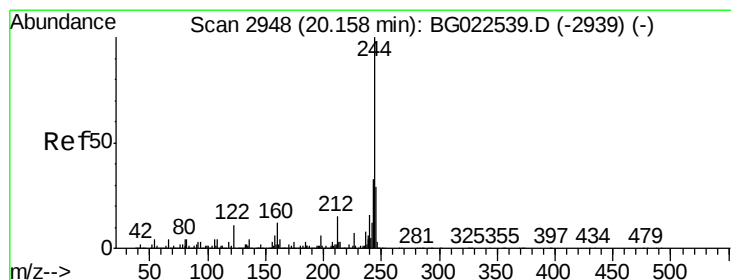
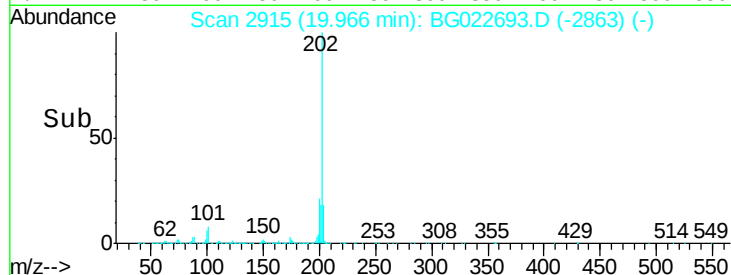
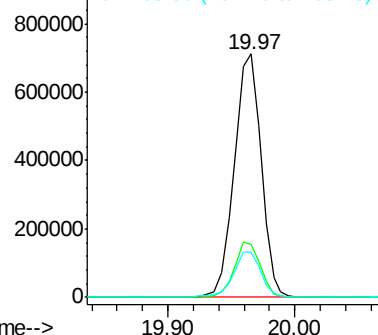
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 202 | 100   |       |       |
| 200 | 21.5  | 21.2  | 31.8  |
| 203 | 18.5  | 16.8  | 25.2  |



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: 66.82 ng

RT: 20.15 min Scan# 2947

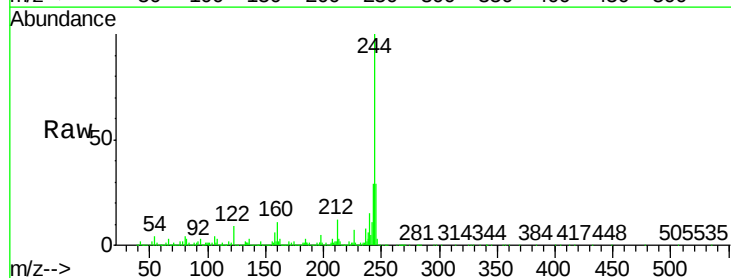
Delta R.T. 0.00 min

Lab File: BG022693.D

Acq: 29 Jun 2016 2:26

Tgt Ion:244 Resp: 2580828

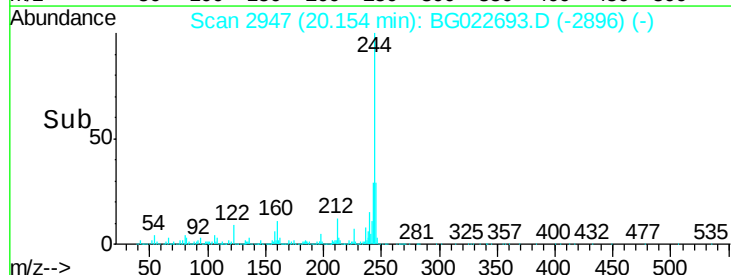
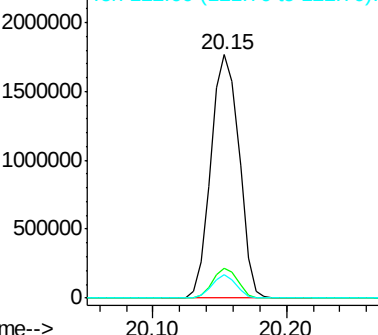
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 244 | 100   |       |       |
| 212 | 12.0  | 10.8  | 16.2  |
| 122 | 9.4   | 8.0   | 12.0  |

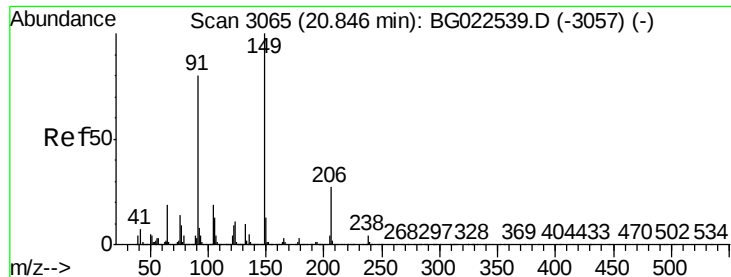


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

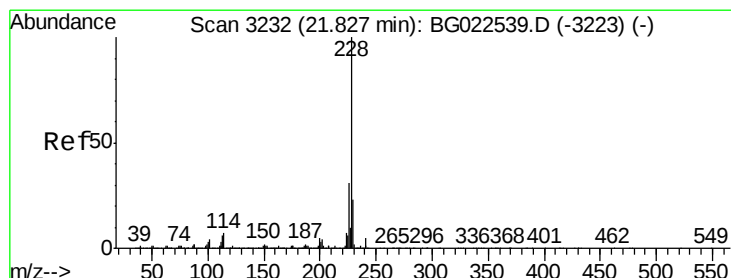
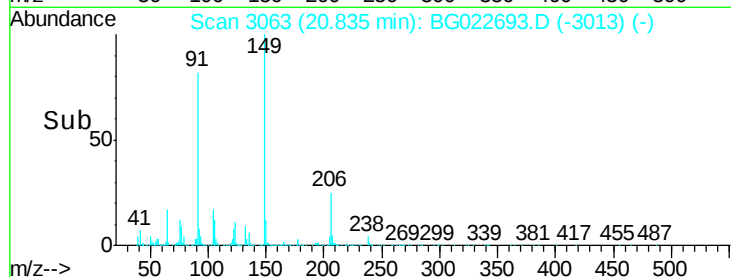
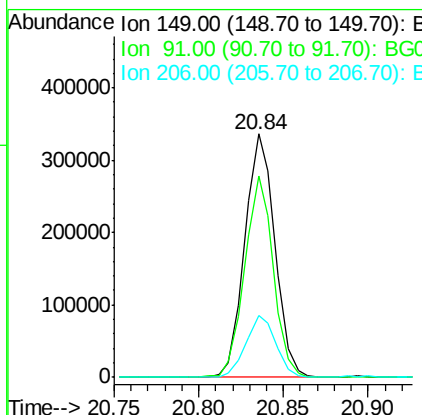
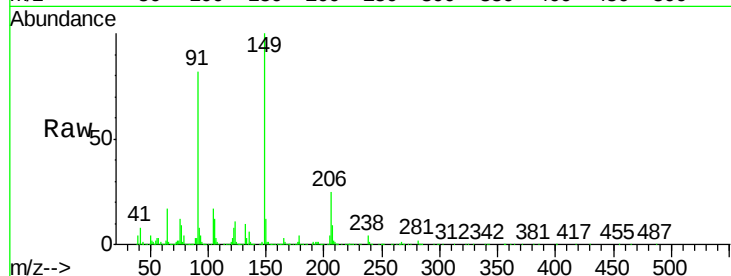




#79  
Butylbenzylphthalate  
Concen: 17.67 ng  
RT: 20.84 min Scan# 3063  
Delta R.T. -0.01 min  
Lab File: BG022693.D  
Acq: 29 Jun 2016 2:26

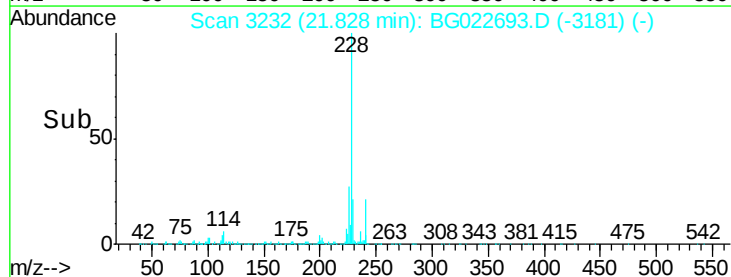
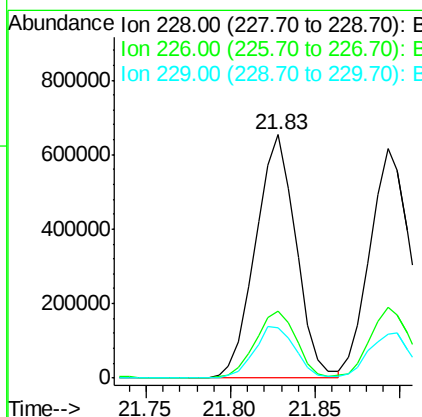
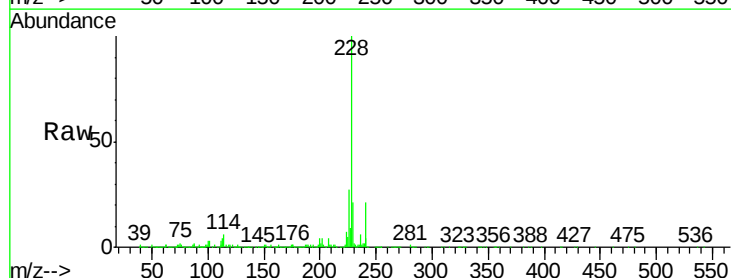
Instrument :  
BNA\_G  
ClientSampleId :  
EPCH-B1(13-15)MS

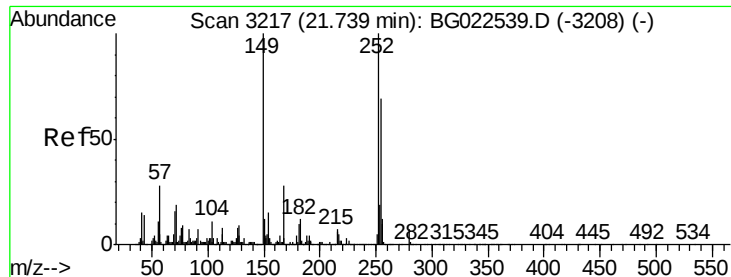
Tot Ion:149 Resp: 416887  
Ion Ratio Lower Upper  
149 100  
91 82.5 68.1 102.1  
206 25.2 19.8 29.6



#80  
Benzo(a)anthracene  
Concen: 19.23 ng  
RT: 21.83 min Scan# 3232  
Delta R.T. 0.00 min  
Lab File: BG022693.D  
Acq: 29 Jun 2016 2:26

Tgt Ion:228 Resp: 1088998  
Ion Ratio Lower Upper  
228 100  
226 27.4 25.3 37.9  
229 20.6 19.9 29.9

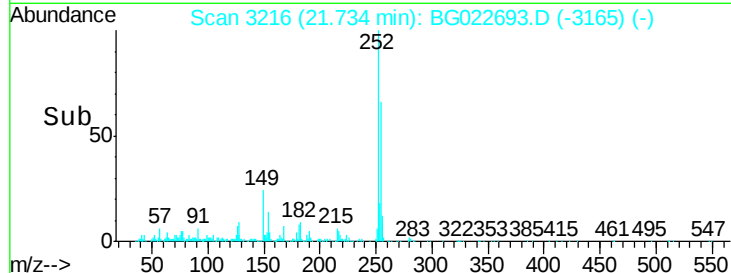
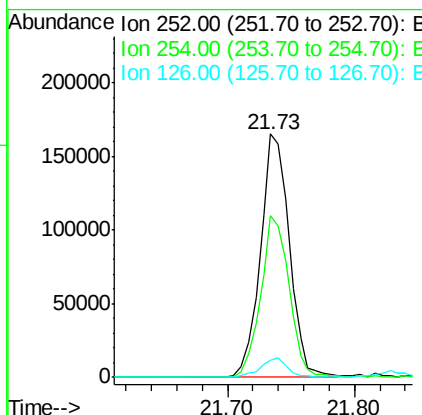
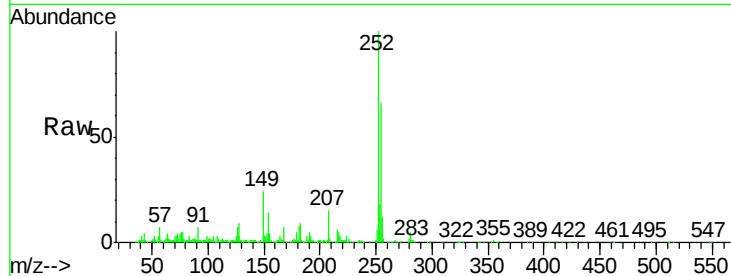




#81  
 3,3'-Dichlorobenzidine  
 Concen: 11.25 ng  
 RT: 21.73 min Scan# 3216  
 Delta R.T. 0.00 min  
 Lab File: BG022693.D  
 Acq: 29 Jun 2016 2:26

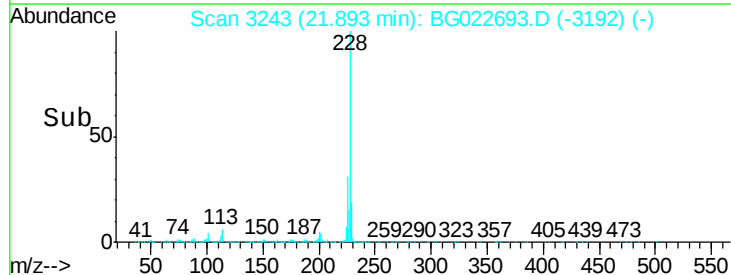
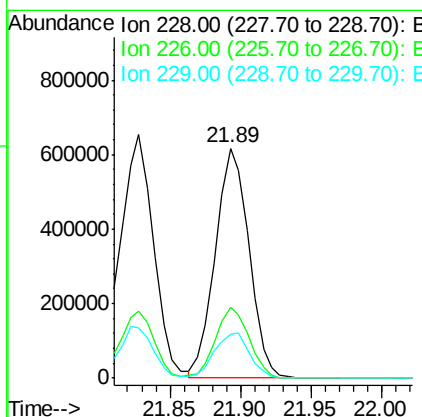
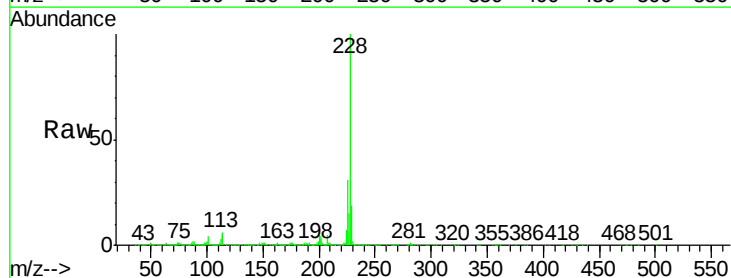
Instrument :  
 BNA\_G  
 ClientSampleId :  
 EPCH-B1(13-15)MS

Tot Ion:252 Resp: 263055  
 Ion Ratio Lower Upper  
 252 100  
 254 66.2 51.2 76.8  
 126 7.0 5.3 7.9



#82  
 Chrysene  
 Concen: 19.22 ng  
 RT: 21.89 min Scan# 3243  
 Delta R.T. 0.00 min  
 Lab File: BG022693.D  
 Acq: 29 Jun 2016 2:26

Tgt Ion:228 Resp: 1022448  
 Ion Ratio Lower Upper  
 228 100  
 226 30.8 26.7 40.1  
 229 19.2 17.4 26.2





#83

Bis(2-ethylhexyl)phthalate

Concen: 17.34 ng

RT: 21.72 min Scan# 3213

Delta R.T. -0.01 min

Lab File: BG022693.D

Acq: 29 Jun 2016 2:26

Instrument :

BNA\_G

ClientSampleId :

EPCH-B1(13-15)MS

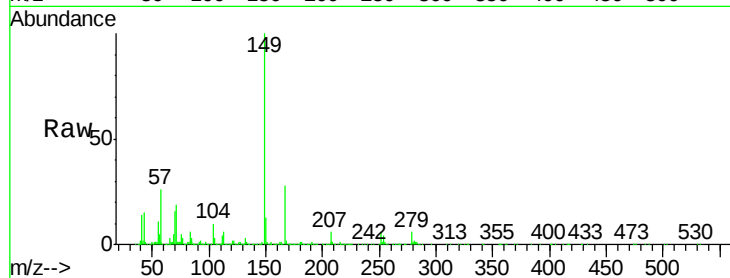
Tot Ion:149 Resp: 576082

Ion Ratio Lower Upper

149 100

167 27.8 24.0 36.0

279 5.7 4.8 7.2



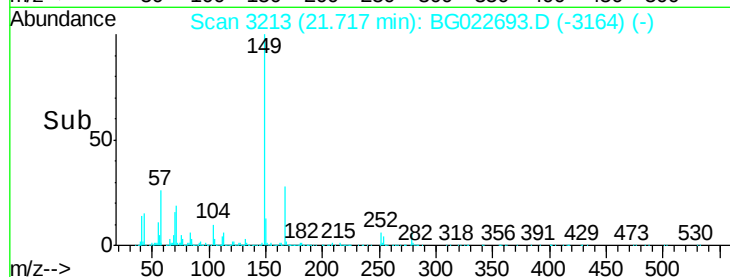
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

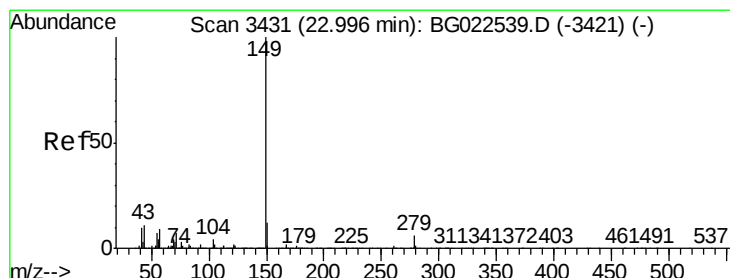
Ion 279.00 (278.70 to 279.70): E

21.72

Time-->



Time-->



#84

Di-n-octyl phthalate

Concen: 17.70 ng

RT: 22.97 min Scan# 3427

Delta R.T. -0.02 min

Lab File: BG022693.D

Acq: 29 Jun 2016 2:26

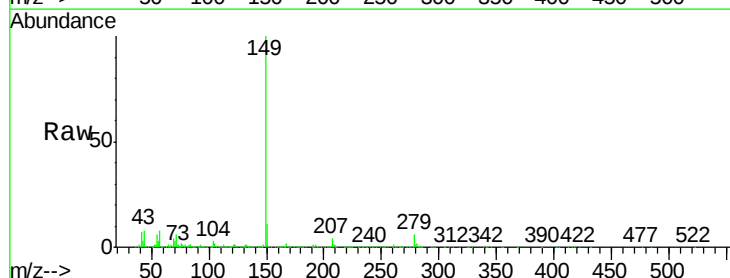
Tgt Ion:149 Resp: 969196

Ion Ratio Lower Upper

149 100

167 1.8 1.5 2.3

43 8.6 8.8 13.2#



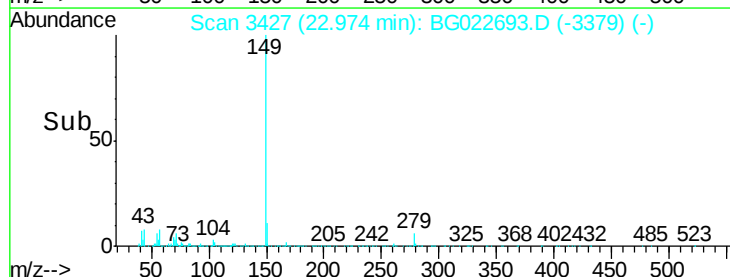
Abundance Ion 149.00 (148.70 to 149.70): E

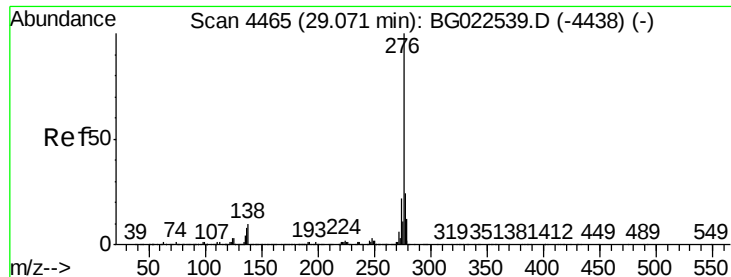
Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BG

22.97

Time-->

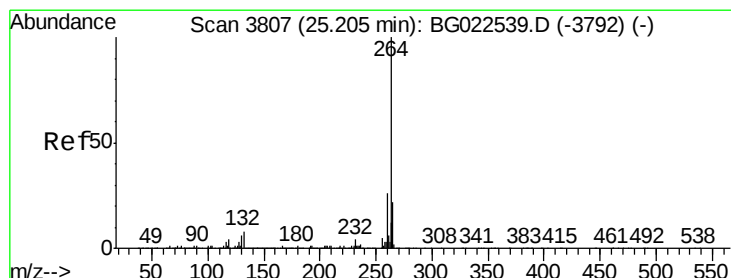
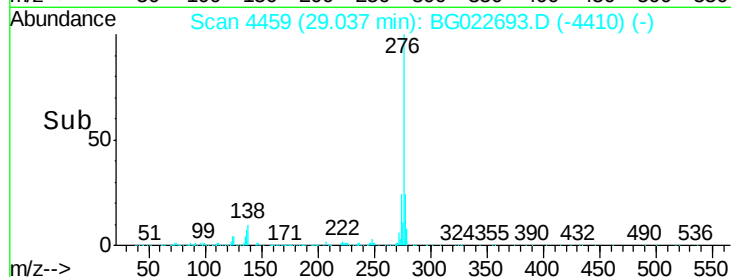
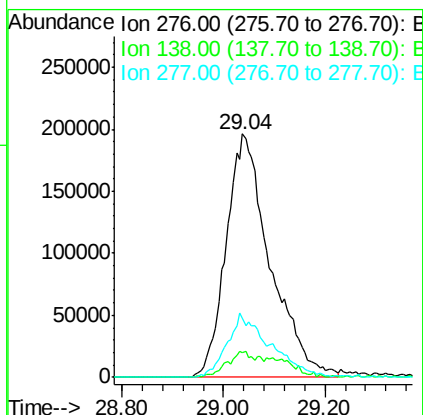
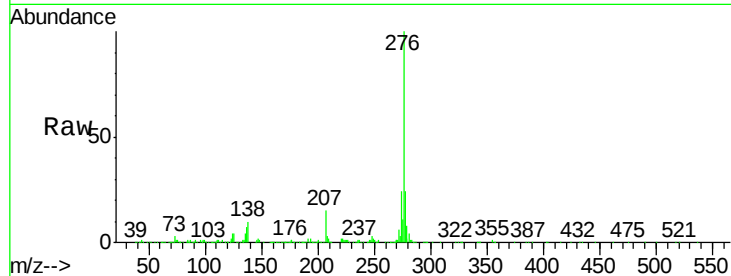




#85  
Indeno(1,2,3-cd)pyrene  
Concen: 16.80 ng  
RT: 29.04 min Scan# 4459  
Delta R.T. -0.01 min  
Lab File: BG022693.D  
Acq: 29 Jun 2016 2:26

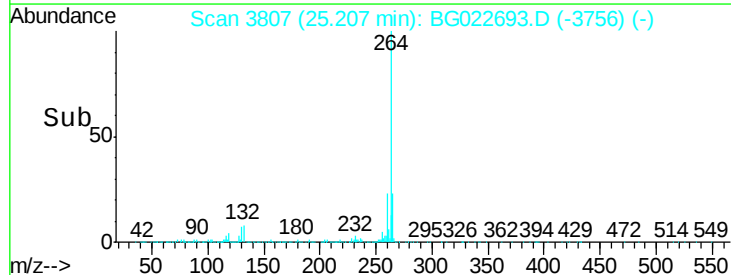
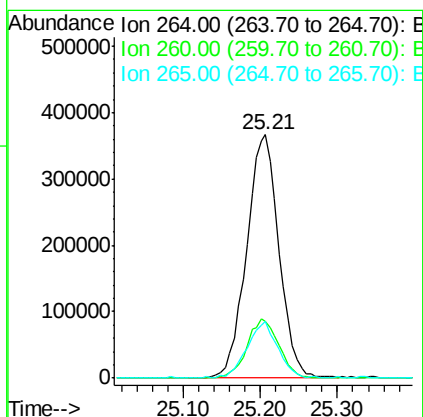
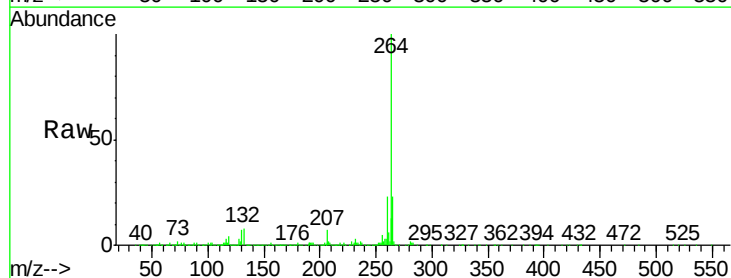
Instrument :  
BNA\_G  
ClientSampleId :  
EPCH-B1(13-15)MS

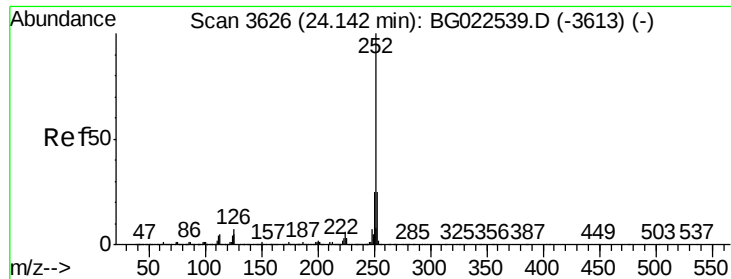
Tot Ion:276 Resp: 1174668  
Ion Ratio Lower Upper  
276 100  
138 6.2 0.0 0.0#  
277 26.0 0.0 0.0#



#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 25.21 min Scan# 3807  
Delta R.T. 0.00 min  
Lab File: BG022693.D  
Acq: 29 Jun 2016 2:26

Tgt Ion:264 Resp: 1074320  
Ion Ratio Lower Upper  
264 100  
260 23.2 18.4 27.6  
265 23.2 18.9 28.3

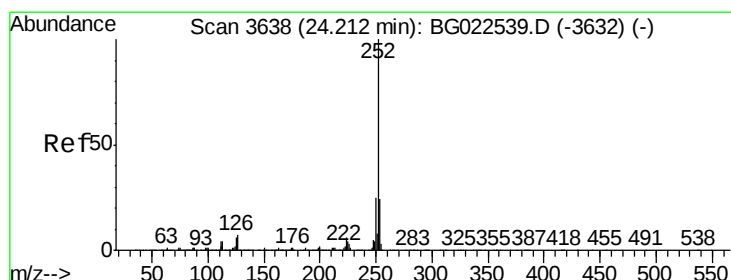
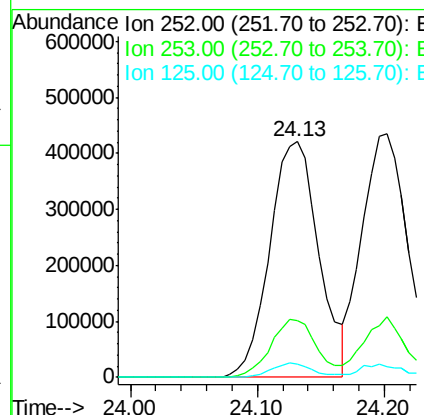
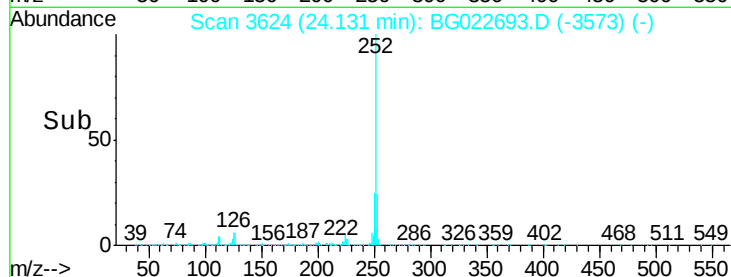
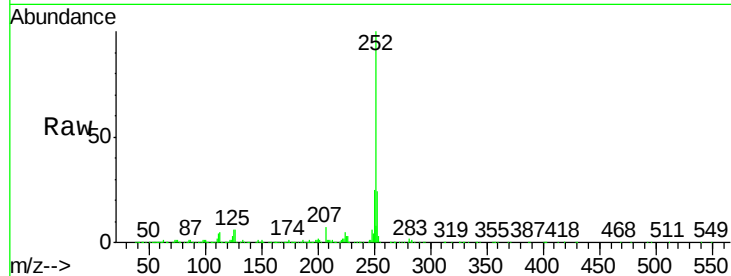




#87  
Benzo(b)fluoranthene  
Concen: 17.56 ng  
RT: 24.13 min Scan# 3624  
Delta R.T. 0.00 min  
Lab File: BG022693.D  
Acq: 29 Jun 2016 2:26

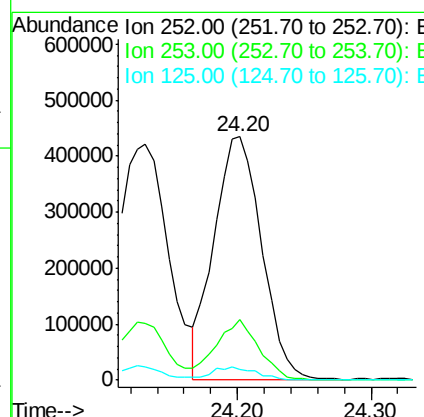
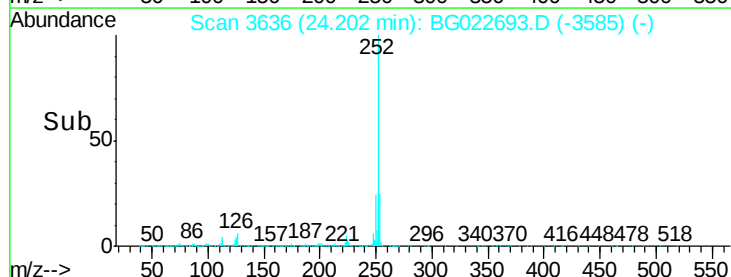
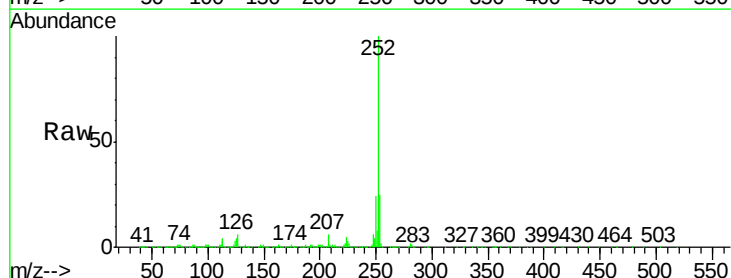
Instrument :  
BNA\_G  
ClientSampleId :  
EPCH-B1(13-15)MS

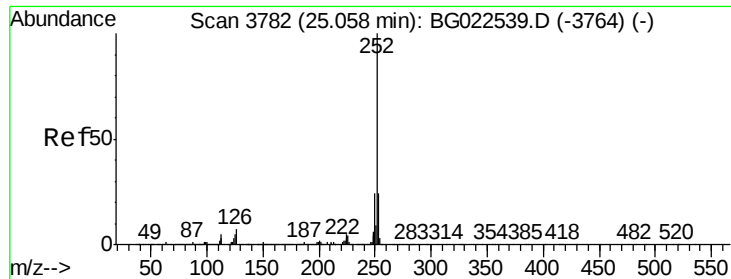
Tot Ion:252 Resp: 1134184  
Ion Ratio Lower Upper  
252 100  
253 24.3 18.9 28.3  
125 5.8 3.9 5.9



#88  
Benzo(k)fluoranthene  
Concen: 17.65 ng  
RT: 24.20 min Scan# 3636  
Delta R.T. 0.00 min  
Lab File: BG022693.D  
Acq: 29 Jun 2016 2:26

Tgt Ion:252 Resp: 1077766  
Ion Ratio Lower Upper  
252 100  
253 24.9 18.8 28.2  
125 4.5 3.2 4.8





#89

Benzo(a)pyrene

Concen: 17.17 ng

RT: 25.04 min Scan# 3778

Delta R.T. -0.01 min

Lab File: BG022693.D

Acq: 29 Jun 2016 2:26

Instrument :

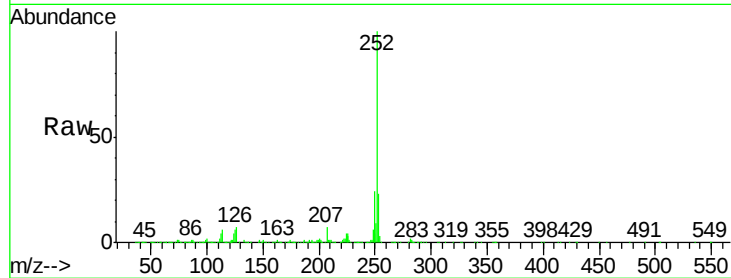
BNA\_G

ClientSampleId :

EPCH-B1(13-15)MS

Tot Ion:252 Resp: 1081112

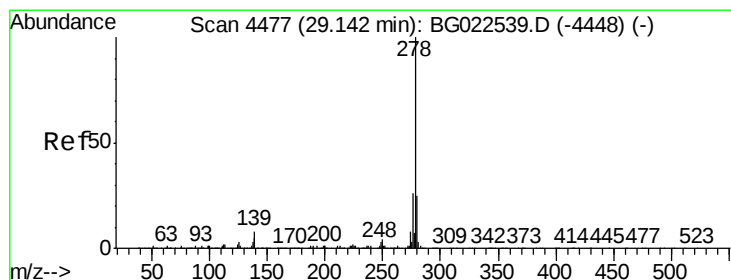
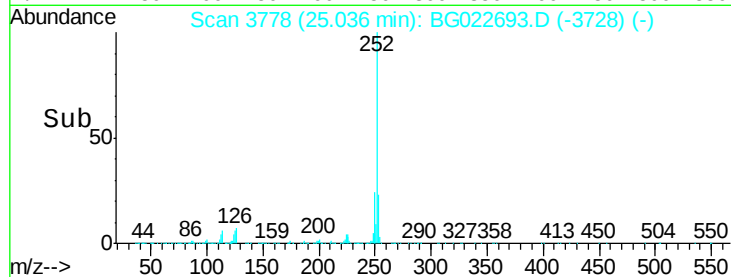
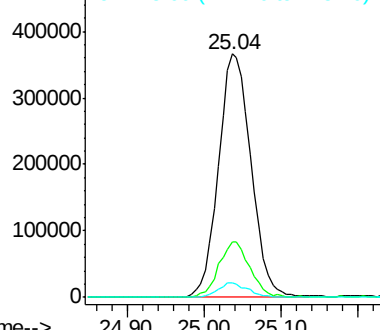
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 22.5  | 18.7  | 28.1  |
| 125 | 5.7   | 3.9   | 5.9   |



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: 16.84 ng

RT: 29.11 min Scan# 4472

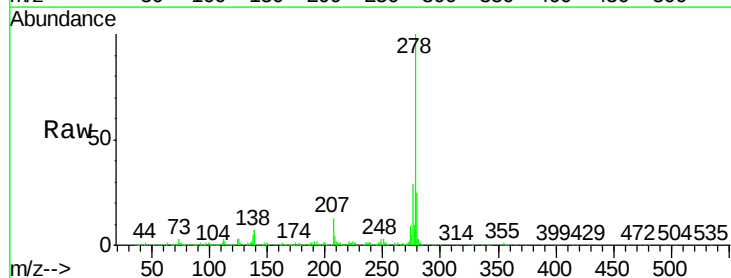
Delta R.T. 0.00 min

Lab File: BG022693.D

Acq: 29 Jun 2016 2:26

Tgt Ion:278 Resp: 998105

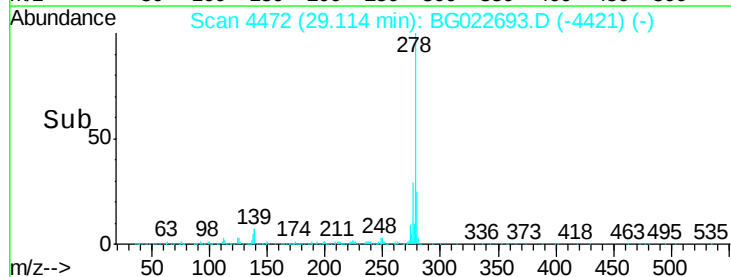
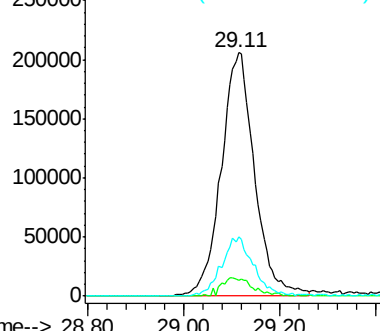
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 278 | 100   |       |       |
| 139 | 6.6   | 4.7   | 7.1   |
| 279 | 24.5  | 18.3  | 27.5  |



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: 16.00 ng  
 RT: 30.24 min Scan# 4664  
 Delta R.T. -0.01 min  
 Lab File: BG022693.D  
 Acq: 29 Jun 2016 2:26

Instrument :  
 BNA\_G  
 ClientSampleId :  
 EPCH-B1(13-15)MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 23.4  | 18.6  | 27.8  |
| 138     | 8.5   | 6.8   | 10.2  |

