

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101717\  
 Data File : BG029320.D  
 Acq On : 18 Oct 2017 4:04  
 Operator : SJ/JU  
 Sample : SSTDC0040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :

Quant Time: Oct 18 06:37:40 2017  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG101617.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Oct 16 17:32:15 2017  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.17  | 152  | 65225    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.99 | 136  | 325926   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 14.79 | 164  | 206736   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 17.53 | 188  | 458221   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 21.80 | 240  | 467333   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 25.11 | 264  | 473888   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |         |       |    |      |
|--------------------------|-------|-----|---------|-------|----|------|
| 5) 2-Fluorophenol        | 5.72  | 112 | 351207  | 89.95 | ng | 0.00 |
| 7) Phenol-d6             | 7.32  | 99  | 503276  | 91.83 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 9.34  | 82  | 437378  | 85.28 | ng | 0.00 |
| 41) 2,4,6-Tribromophenol | 16.27 | 330 | 210243  | 78.77 | ng | 0.00 |
| 44) 2-Fluorobiphenyl     | 13.42 | 172 | 1152740 | 81.78 | ng | 0.00 |
| 78) Terphenyl-d14        | 20.12 | 244 | 1719080 | 83.68 | ng | 0.00 |

## Target Compounds

|                                |       |     |        |       |    | Qvalue |
|--------------------------------|-------|-----|--------|-------|----|--------|
| 2) 1,4-Dioxane                 | 3.58  | 88  | 67354  | 42.52 | ng | 85     |
| 3) Pyridine                    | 3.99  | 79  | 203634 | 44.14 | ng | 87     |
| 4) n-Nitrosodimethylamine      | 3.90  | 42  | 93536  | 43.38 | ng | # 94   |
| 6) Aniline                     | 7.48  | 93  | 302344 | 44.55 | ng | 95     |
| 8) 2-Chlorophenol              | 7.73  | 128 | 203782 | 45.53 | ng | 93     |
| 9) Benzaldehyde                | 7.30  | 77  | 122608 | 44.48 | ng | 92     |
| 10) Phenol                     | 7.35  | 94  | 269942 | 45.69 | ng | 91     |
| 11) bis(2-Chloroethyl)ether    | 7.58  | 93  | 193475 | 44.94 | ng | 93     |
| 12) 1,3-Dichlorobenzene        | 8.06  | 146 | 215390 | 42.87 | ng | 96     |
| 13) 1,4-Dichlorobenzene        | 8.21  | 146 | 222135 | 43.30 | ng | 93     |
| 14) 1,2-Dichlorobenzene        | 8.53  | 146 | 212293 | 42.91 | ng | 98     |
| 15) Benzyl Alcohol             | 8.40  | 79  | 174472 | 45.18 | ng | 90     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.70  | 45  | 313002 | 42.81 | ng | 94     |
| 17) 2-Methylphenol             | 8.61  | 107 | 173657 | 44.24 | ng | 97     |
| 18) Hexachloroethane           | 9.26  | 117 | 74436  | 42.58 | ng | 91     |
| 19) n-Nitroso-di-n-propylamine | 8.97  | 70  | 167233 | 44.88 | ng | # 97   |
| 20) 3+4-Methylphenols          | 8.94  | 107 | 251894 | 45.55 | ng | 94     |
| 22) Acetophenone               | 8.99  | 105 | 330359 | 42.06 | ng | # 93   |
| 24) Nitrobenzene               | 9.38  | 77  | 245652 | 42.60 | ng | 93     |
| 25) Isophorone                 | 9.90  | 82  | 453399 | 42.35 | ng | 95     |
| 26) 2-Nitrophenol              | 10.09 | 139 | 125812 | 45.65 | ng | 89     |
| 27) 2,4-Dimethylphenol         | 10.15 | 122 | 212211 | 42.56 | ng | 92     |
| 28) bis(2-Chloroethoxy)methane | 10.38 | 93  | 280383 | 42.71 | ng | 97     |
| 29) 2,4-Dichlorophenol         | 10.63 | 162 | 229264 | 43.11 | ng | 93     |
| 30) 1,2,4-Trichlorobenzene     | 10.85 | 180 | 237173 | 41.28 | ng | 99     |
| 31) Naphthalene                | 11.04 | 128 | 670169 | 41.26 | ng | 98     |
| 32) Benzoic acid               | 10.30 | 122 | 16140  | 3.87  | ng | # 74   |
| 33) 4-Chloroaniline            | 11.14 | 127 | 296372 | 43.38 | ng | 95     |
| 34) Hexachlorobutadiene        | 11.32 | 225 | 143725 | 40.24 | ng | 96     |
| 35) Caprolactam                | 11.91 | 113 | 75304  | 42.61 | ng | # 86   |
| 36) 4-Chloro-3-methylphenol    | 12.25 | 107 | 249842 | 42.72 | ng | # 88   |
| 37) 2-Methylnaphthalene        | 12.63 | 142 | 495503 | 41.85 | ng | 93     |
| 39) 1,2,4,5-Tetrachlorobenzene | 13.00 | 216 | 309491 | 41.00 | ng | 98     |
| 40) Hexachlorocyclopentadiene  | 12.97 | 237 | 98603  | 37.14 | ng | 90     |

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 Misc :  
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 BNA\_G  
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 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG101617.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Oct 16 17:32:15 2017  
 Response via : Initial Calibration

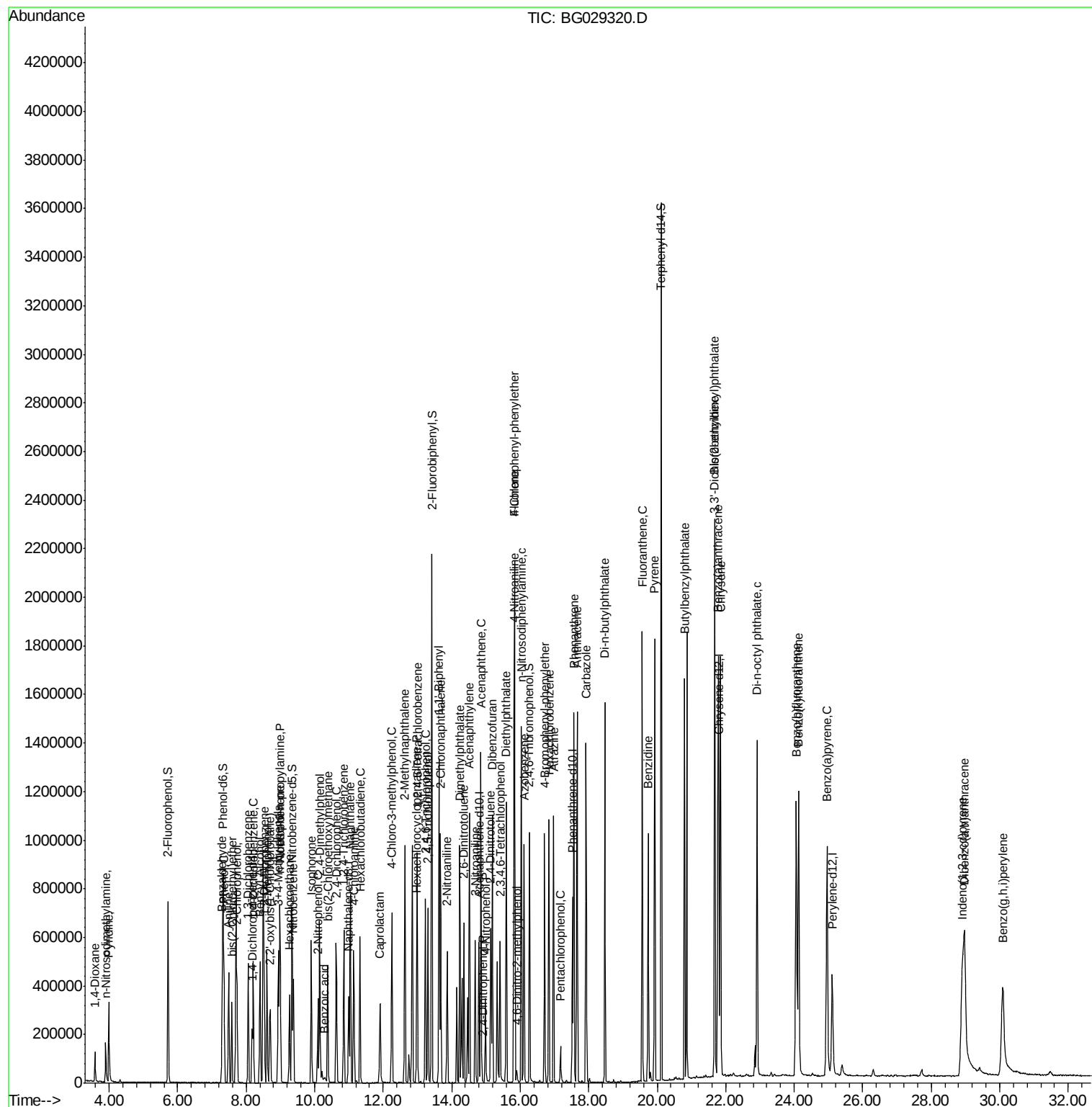
| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 13.23 | 196  | 199620   | 42.13 | nq    | 97       |
| 43) 2,4,5-Trichlorophenol      | 13.30 | 196  | 211184   | 43.40 | nq    | 97       |
| 45) 1,1'-Biphenyl              | 13.63 | 154  | 735695   | 41.40 | nq    | 96       |
| 46) 2-Chloronaphthalene        | 13.67 | 162  | 540578   | 41.71 | nq    | 97       |
| 47) 2-Nitroaniline             | 13.87 | 65   | 157289   | 44.18 | nq    | # 87     |
| 48) Acenaphthylene             | 14.52 | 152  | 845946   | 41.70 | nq    | 99       |
| 49) Dimethylphthalate          | 14.24 | 163  | 685976   | 42.53 | nq    | 100      |
| 50) 2,6-Dinitrotoluene         | 14.36 | 165  | 154364   | 45.65 | nq    | # 81     |
| 51) Acenaphthene               | 14.85 | 154  | 518061   | 39.25 | nq    | 99       |
| 52) 3-Nitroaniline             | 14.69 | 138  | 158200   | 43.36 | nq    | # 84     |
| 53) 2,4-Dinitrophenol          | 14.90 | 184  | 2541     | 7.88  | nq    | # 57     |
| 54) Dibenzofuran               | 15.19 | 168  | 784060   | 41.61 | nq    | 99       |
| 55) 4-Nitrophenol              | 14.99 | 139  | 101403   | 33.71 | nq    | # 83     |
| 56) 2,4-Dinitrotoluene         | 15.14 | 165  | 209290   | 45.72 | nq    | # 79     |
| 57) Fluorene                   | 15.83 | 166  | 643834   | 41.36 | nq    | 97       |
| 58) 2,3,4,6-Tetrachlorophenol  | 15.41 | 232  | 129848   | 31.98 | nq    | 99       |
| 59) Diethylphthalate           | 15.59 | 149  | 678957   | 42.24 | nq    | 99       |
| 60) 4-Chlorophenyl-phenylether | 15.82 | 204  | 353464   | 42.59 | nq    | 95       |
| 61) 4-Nitroaniline             | 15.85 | 138  | 160039   | 42.72 | nq    | 83       |
| 62) Azobenzene                 | 16.12 | 77   | 561568   | 41.43 | nq    | 95       |
| 64) 4,6-Dinitro-2-methylphenol | 15.90 | 198  | 13084    | 9.50  | nq    | 86       |
| 65) n-Nitrosodiphenylamine     | 16.03 | 169  | 582869   | 42.46 | nq    | 99       |
| 66) 4-Bromophenyl-phenylether  | 16.72 | 248  | 225306   | 42.85 | nq    | 99       |
| 67) Hexachlorobenzene          | 16.84 | 284  | 251746   | 42.27 | nq    | 95       |
| 68) Atrazine                   | 16.97 | 200  | 209297   | 42.73 | nq    | 98       |
| 69) Pentachlorophenol          | 17.18 | 266  | 35759    | 10.45 | nq    | 99       |
| 70) Phenanthrene               | 17.57 | 178  | 982523   | 41.51 | nq    | 98       |
| 71) Anthracene                 | 17.66 | 178  | 983714   | 41.39 | nq    | 99       |
| 72) Carbazole                  | 17.93 | 167  | 943622   | 41.33 | nq    | 99       |
| 73) Di-n-butylphthalate        | 18.47 | 149  | 1098420  | 41.83 | nq    | 99       |
| 74) Fluoranthene               | 19.56 | 202  | 1149888  | 41.53 | nq    | 96       |
| 76) Benzidine                  | 19.73 | 184  | 598153   | 42.39 | nq    | 98       |
| 77) Pyrene                     | 19.93 | 202  | 1180619  | 41.65 | nq    | 97       |
| 79) Butylbenzylphthalate       | 20.80 | 149  | 516367   | 42.75 | nq    | 89       |
| 80) Benzo(a)anthracene         | 21.78 | 228  | 1172204  | 42.72 | nq    | 99       |
| 81) 3,3'-Dichlorobenzidine     | 21.69 | 252  | 484504   | 42.78 | nq    | 96       |
| 82) Chrysene                   | 21.85 | 228  | 1119380  | 42.60 | nq    | 97       |
| 83) Bis(2-ethylhexyl)phthalate | 21.67 | 149  | 724737   | 41.81 | nq    | 100      |
| 84) Di-n-octyl phthalate       | 22.91 | 149  | 1277717  | 42.30 | nq    | 97       |
| 85) Indeno(1,2,3-cd)pyrene     | 28.91 | 276  | 1273662  | 39.40 | nq    | # 92     |
| 87) Benzo(b)fluoranthene       | 24.06 | 252  | 1185796  | 43.71 | nq    | 99       |
| 88) Benzo(k)fluoranthene       | 24.13 | 252  | 1216947  | 45.02 | nq    | 97       |
| 89) Benzo(a)pyrene             | 24.96 | 252  | 1148578  | 44.04 | nq    | 99       |
| 90) Dibenzo(a,h)anthracene     | 28.98 | 278  | 1099351  | 41.63 | nq    | 98       |
| 91) Benzo(g,h,i)perylene       | 30.09 | 276  | 948889   | 38.68 | nq    | 99       |

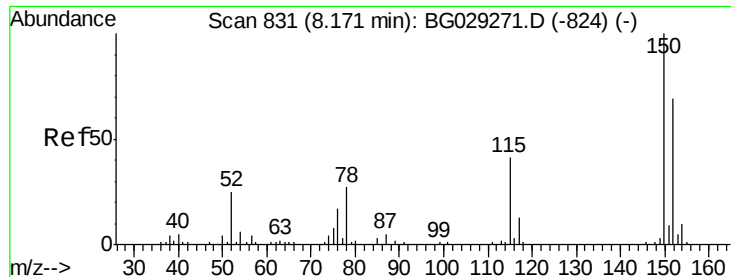
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101717\  
Data File : BG029320.D  
Acq On : 18 Oct 2017 4:04  
Operator : SJ/JU  
Sample : SSTCCCC040  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampled :

Quant Time: Oct 18 06:37:40 2017  
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG101617.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Oct 16 17:32:15 2017  
Response via : Initial Calibration



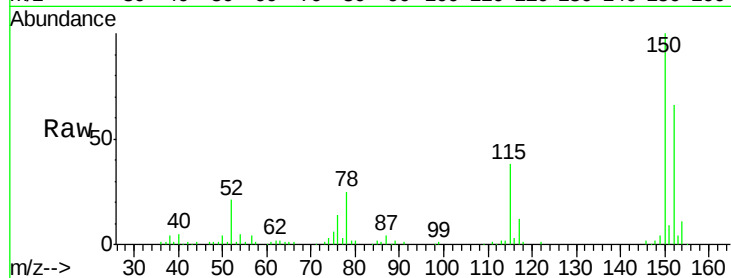


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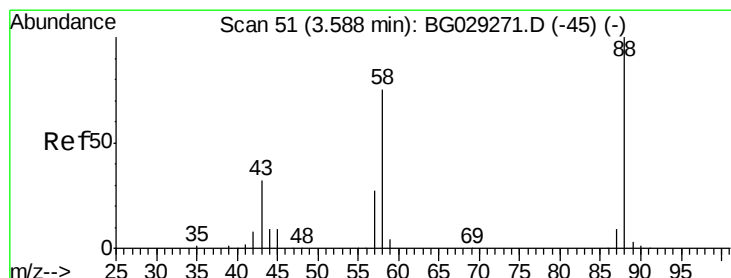
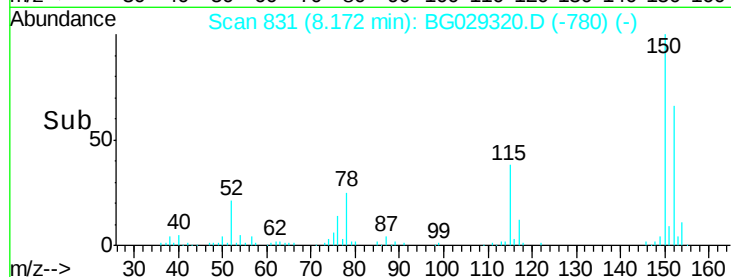
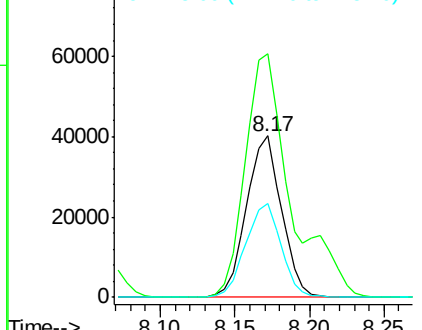
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 8.17 min Scan# 831  
Delta R.T. 0.00 min  
Lab File: BG029320.D  
Acq: 18 Oct 2017 4:04

Instrument :  
BNA\_G  
ClientSampleId :

Tot Ion:152 Resp: 65225  
Ion Ratio Lower Upper  
152 100  
150 150.7 126.6 189.8  
115 57.8 53.0 79.4



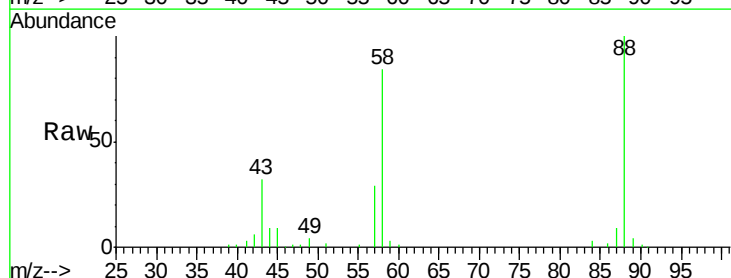
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



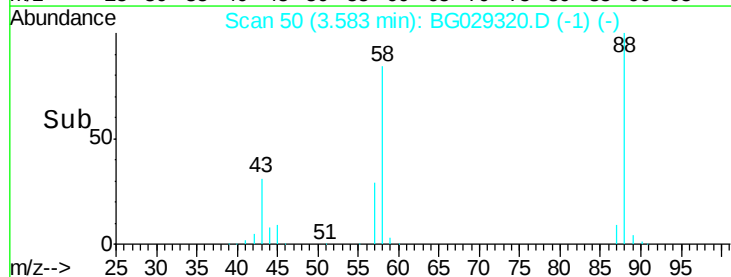
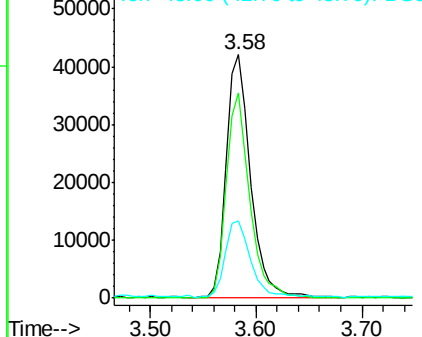
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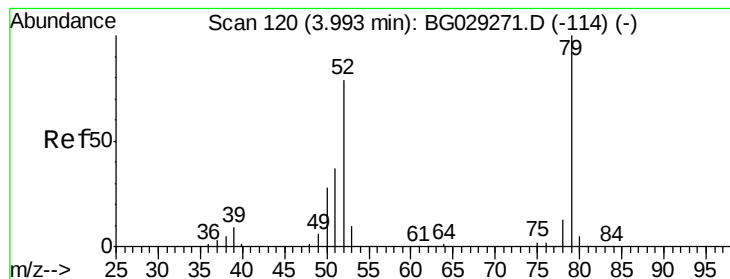
1,4-Dioxane  
Concen: 42.52 ng  
RT: 3.58 min Scan# 50  
Delta R.T. -0.00 min  
Lab File: BG029320.D  
Acq: 18 Oct 2017 4:04

Tgt Ion: 88 Resp: 67354  
Ion Ratio Lower Upper  
88 100  
58 80.4 79.6 119.4  
43 32.3 27.4 41.0



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





#3

Pvridine

Concen: 44.14 ng

RT: 3.99 min Scan# 119

Delta R.T. -0.00 min

Lab File: BG029320.D

Acq: 18 Oct 2017 4:04

Instrument :

BNA\_G

ClientSampleId :

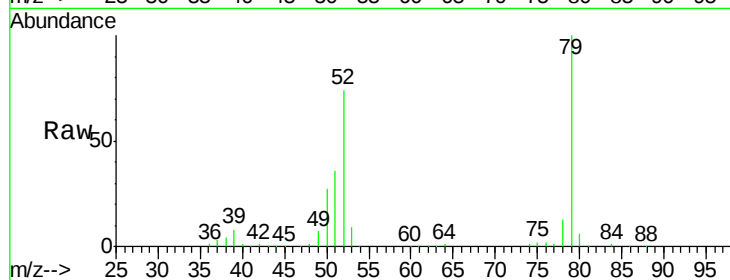
Tot Ion: 79 Resp: 203634

Ion Ratio Lower Upper

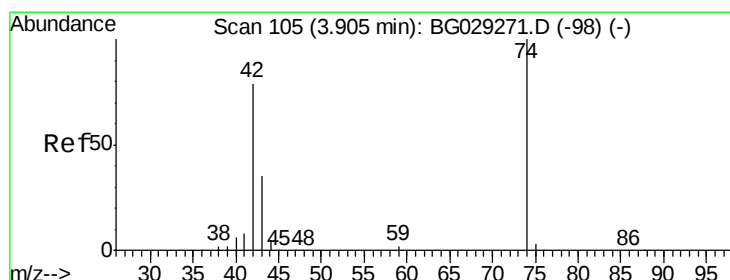
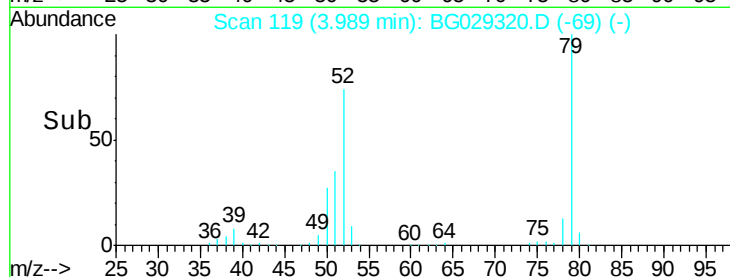
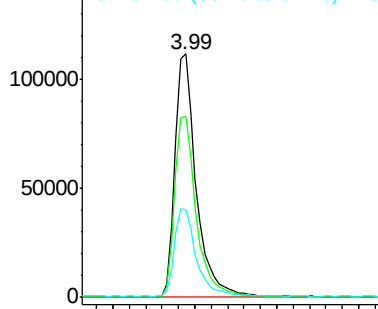
79 100

52 74.3 69.9 104.9

51 35.9 34.0 51.0



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



#4

n-Nitrosodimethylamine

Concen: 43.38 ng

RT: 3.90 min Scan# 104

Delta R.T. -0.00 min

Lab File: BG029320.D

Acq: 18 Oct 2017 4:04

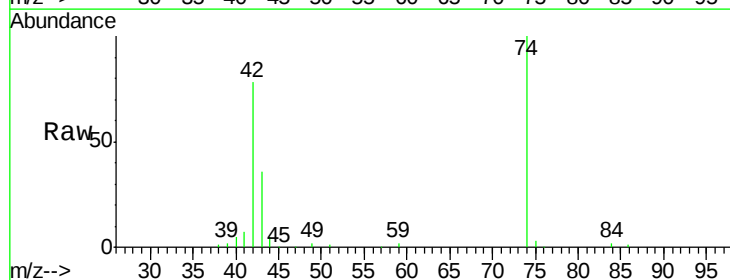
Tgt Ion: 42 Resp: 93536

Ion Ratio Lower Upper

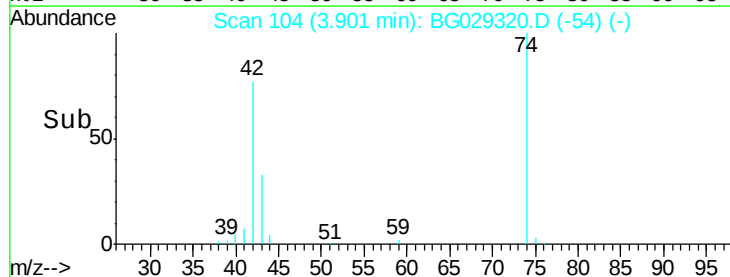
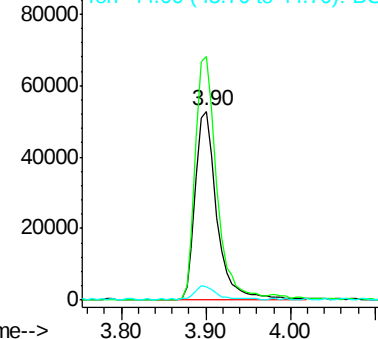
42 100

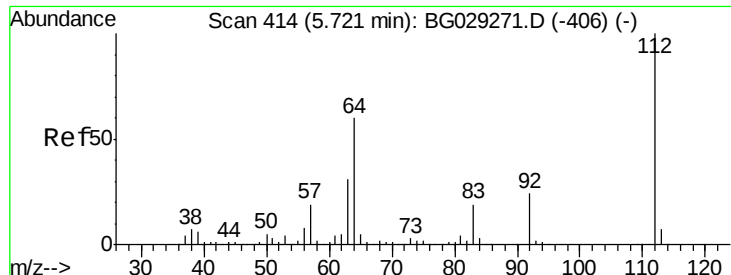
74 129.0 102.5 153.7

44 6.8 18.9 28.3#



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





#5

2-Fluorophenol

Concen: 89.95 ng

RT: 5.72 min Scan# 413

Delta R.T. -0.00 min

Lab File: BG029320.D

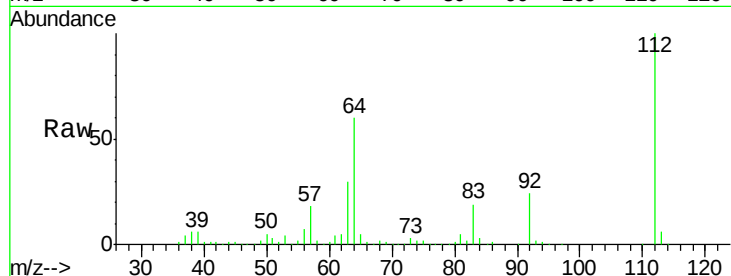
Acq: 18 Oct 2017 4:04

Instrument :

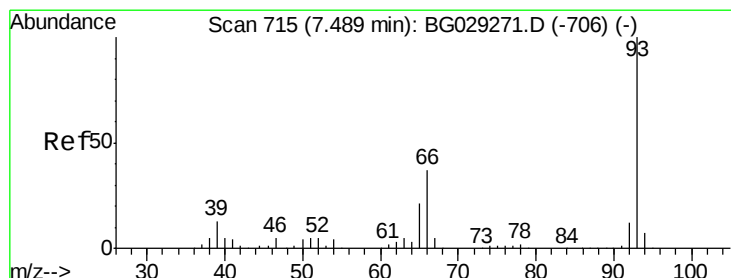
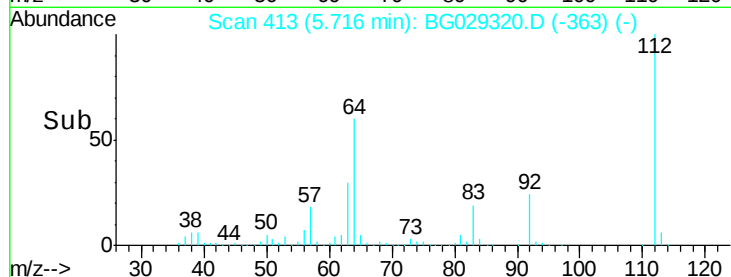
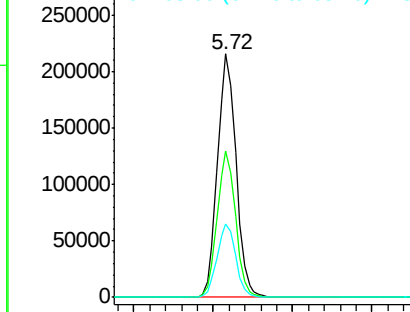
BNA\_G

ClientSampled :

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 112   | Resp: | 351207 |
| Ion Ratio | Lower | Upper |        |
| 112       | 100   |       |        |
| 64        | 59.9  | 56.3  | 84.5   |
| 63        | 30.4  | 30.1  | 45.1   |



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: 44.55 ng

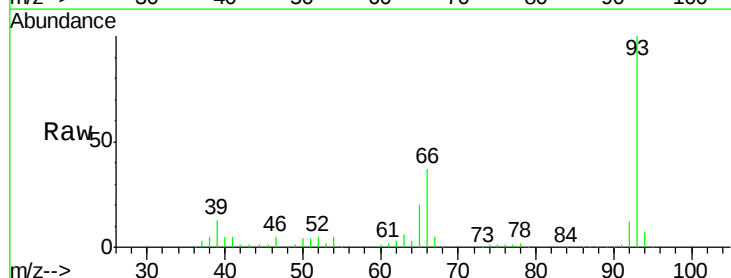
RT: 7.48 min Scan# 714

Delta R.T. -0.00 min

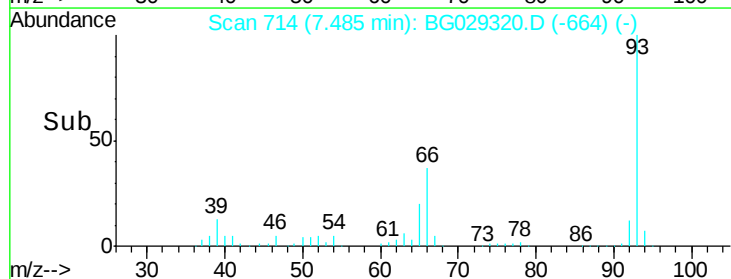
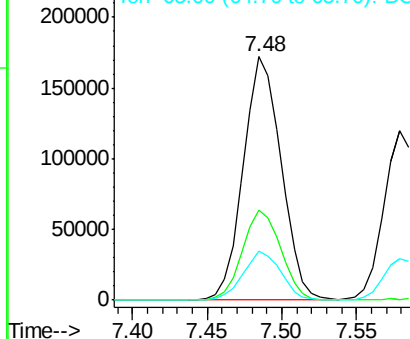
Lab File: BG029320.D

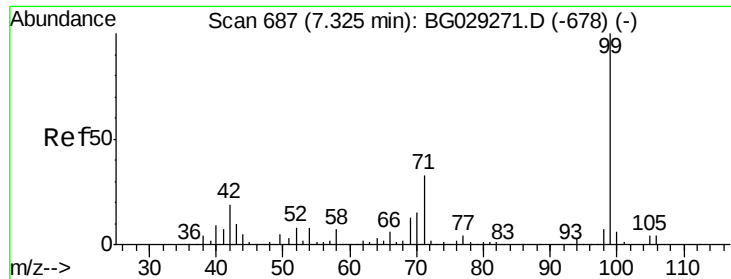
Acq: 18 Oct 2017 4:04

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 93    | Resp: | 302344 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 66        | 37.0  | 33.7  | 50.5   |
| 65        | 20.1  | 16.1  | 24.1   |



Abundance Ion 93.00 (92.70 to 93.70): BGC  
Ion 66.00 (65.70 to 66.70): BGC  
Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 91.83 ng

RT: 7.32 min Scan# 686

Delta R.T. -0.00 min

Lab File: BG029320.D

Acq: 18 Oct 2017 4:04

Instrument :

BNA\_G

ClientSampleId :

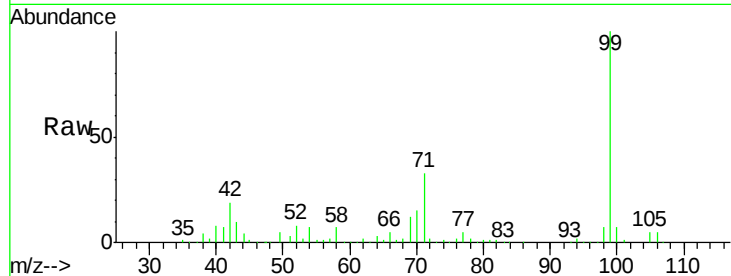
Tot Ion: 99 Resp: 503276

Ion Ratio Lower Upper

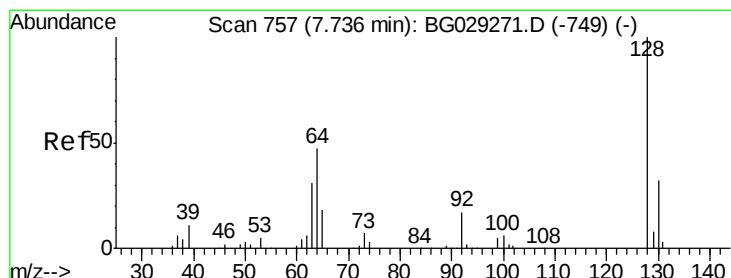
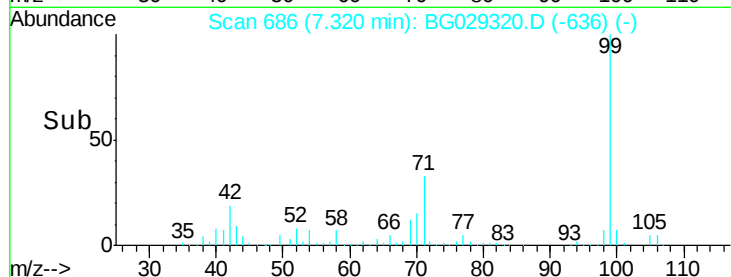
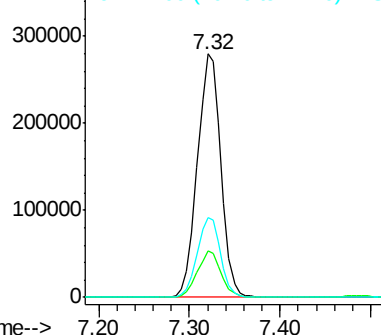
99 100

42 19.0 14.1 21.1

71 32.9 26.1 39.1



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



#8

2-Chlorophenol

Concen: 45.53 ng

RT: 7.73 min Scan# 756

Delta R.T. -0.00 min

Lab File: BG029320.D

Acq: 18 Oct 2017 4:04

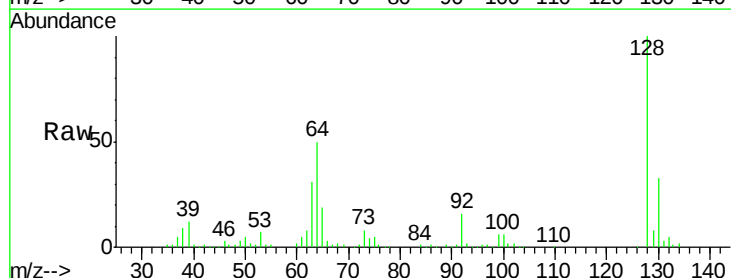
Tgt Ion: 128 Resp: 203782

Ion Ratio Lower Upper

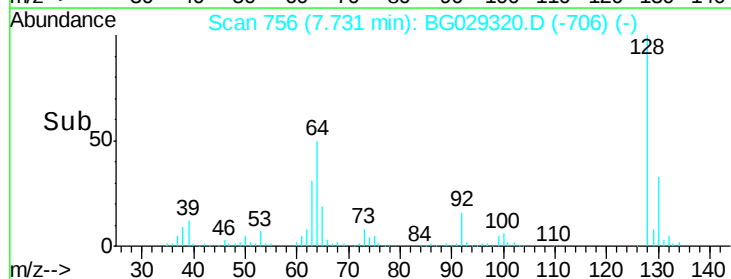
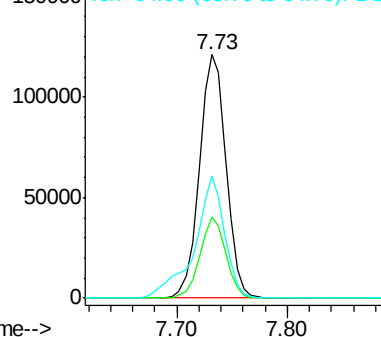
128 100

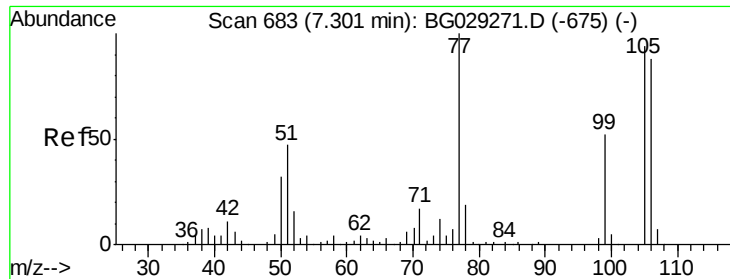
130 33.1 14.0 54.0

64 50.0 37.7 77.7



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





#9

Benzaldehyde

Concen: 44.48 ng

RT: 7.30 min Scan# 682

Delta R.T. -0.00 min

Lab File: BG029320.D

Acq: 18 Oct 2017 4:04

Instrument :

BNA\_G

ClientSampled :

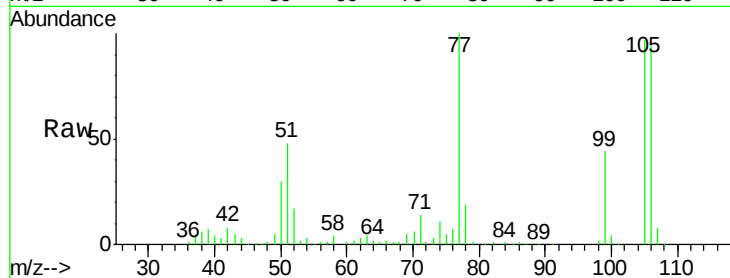
Tot Ion: 77 Resp: 122608

Ion Ratio Lower Upper

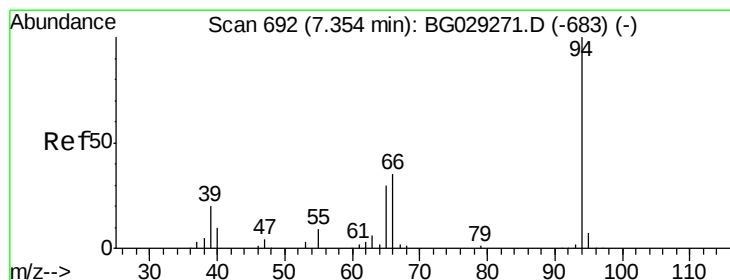
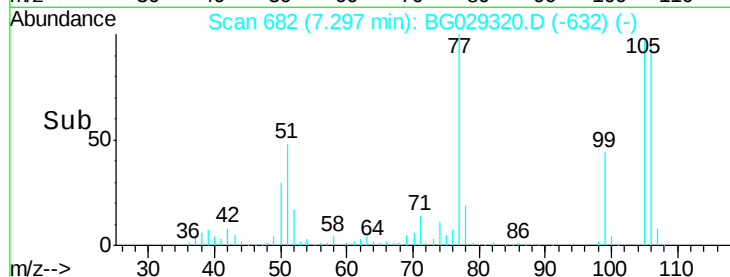
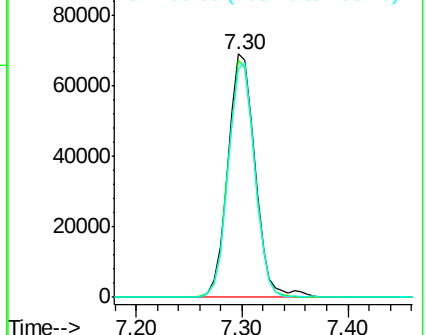
77 100

105 97.3 71.3 111.3

106 93.7 64.2 104.2



Abundance Ion 77.00 (76.70 to 77.70): BGC  
Ion 105.00 (104.70 to 105.70): BGC  
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 45.69 ng

RT: 7.35 min Scan# 691

Delta R.T. -0.00 min

Lab File: BG029320.D

Acq: 18 Oct 2017 4:04

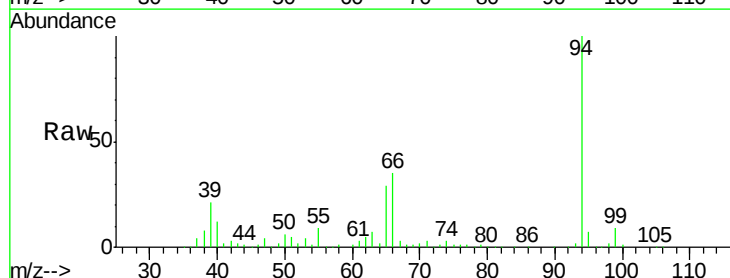
Tgt Ion: 94 Resp: 269942

Ion Ratio Lower Upper

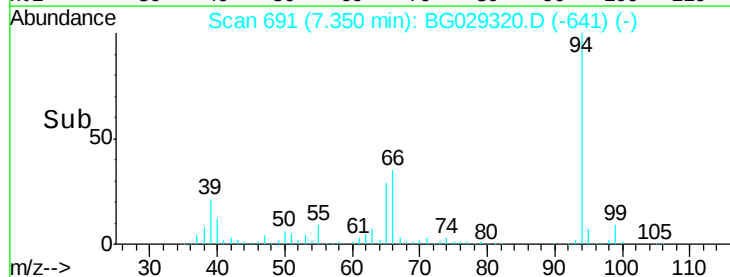
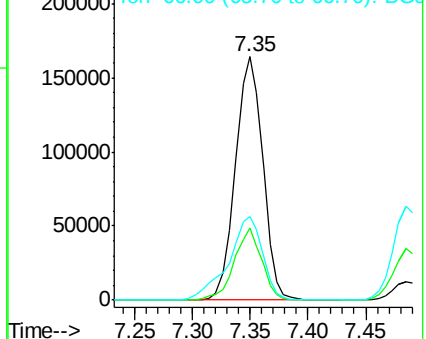
94 100

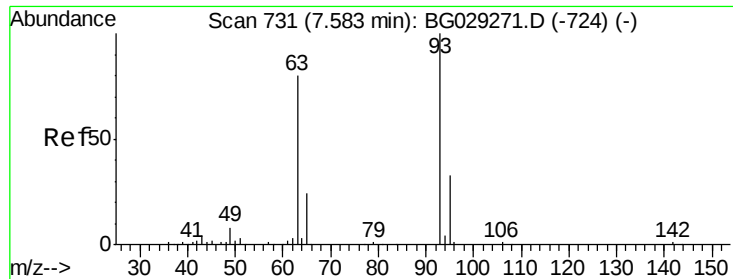
65 29.4 11.9 51.9

66 34.6 22.2 62.2



Abundance Ion 94.00 (93.70 to 94.70): BGC  
Ion 65.00 (64.70 to 65.70): BGC  
Ion 66.00 (65.70 to 66.70): BGC

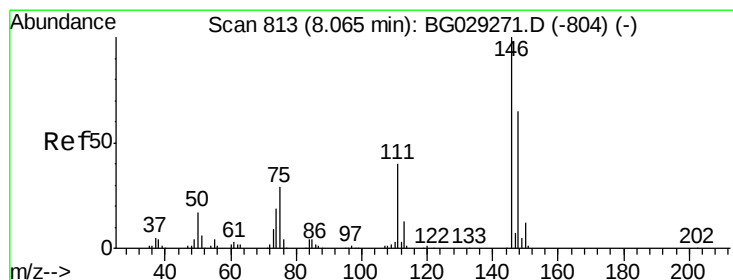
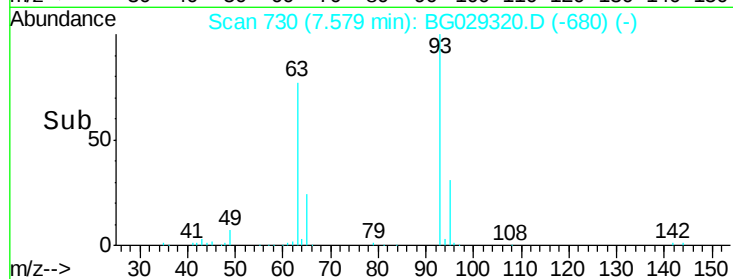
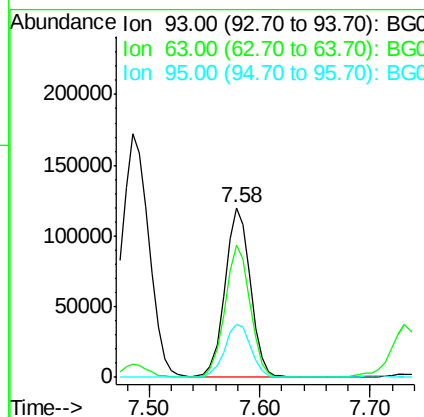
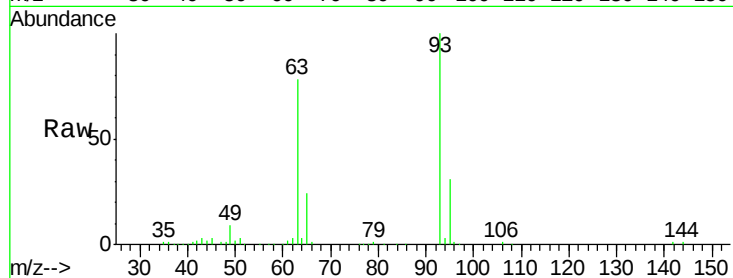




#11  
 bis(2-Chloroethyl)ether  
 Concen: 44.94 ng  
 RT: 7.58 min Scan# 730  
 Delta R.T. -0.00 min  
 Lab File: BG029320.D  
 Acq: 18 Oct 2017 4:04

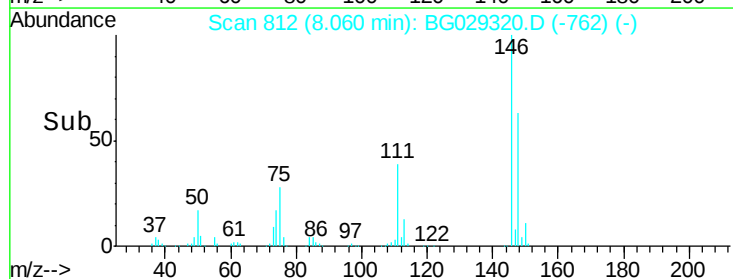
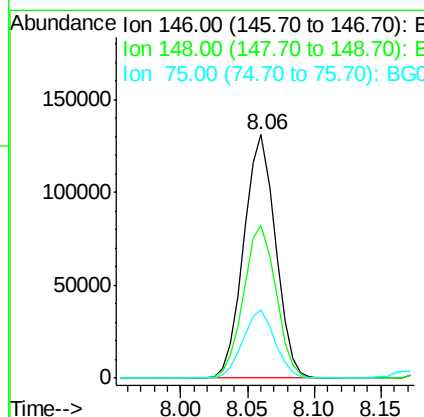
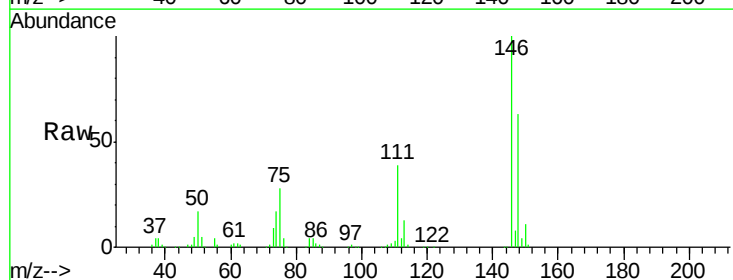
Instrument :  
 BNA\_G  
 ClientSampleId :

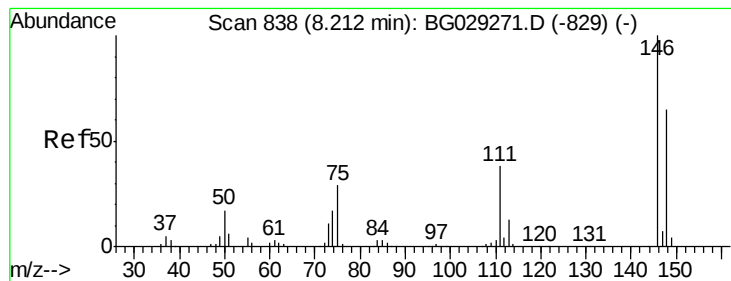
Tot Ion: 93 Resp: 193475  
 Ion Ratio Lower Upper  
 93 100  
 63 78.1 67.1 107.1  
 95 31.2 11.5 51.5



#12  
 1,3-Dichlorobenzene  
 Concen: 42.87 ng  
 RT: 8.06 min Scan# 812  
 Delta R.T. -0.00 min  
 Lab File: BG029320.D  
 Acq: 18 Oct 2017 4:04

Tgt Ion: 146 Resp: 215390  
 Ion Ratio Lower Upper  
 146 100  
 148 62.8 51.4 77.2  
 75 28.3 26.6 39.8





#13

1,4-Dichlorobenzene

Concen: 43.30 ng

RT: 8.21 min Scan# 837

Delta R.T. -0.00 min

Lab File: BG029320.D

Acq: 18 Oct 2017 4:04

Instrument :

BNA\_G

ClientSampleId :

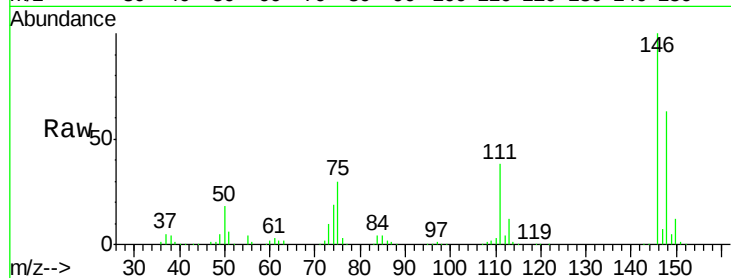
Tot Ion:146 Resp: 222135

Ion Ratio Lower Upper

146 100

148 63.2 53.7 80.5

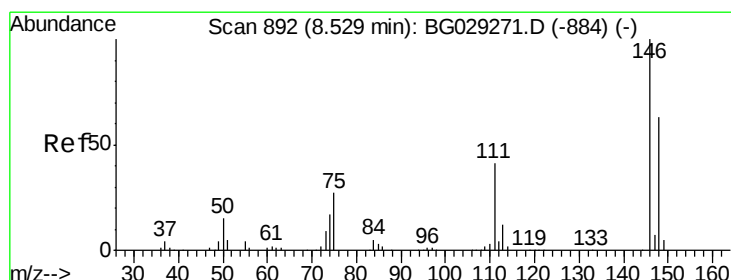
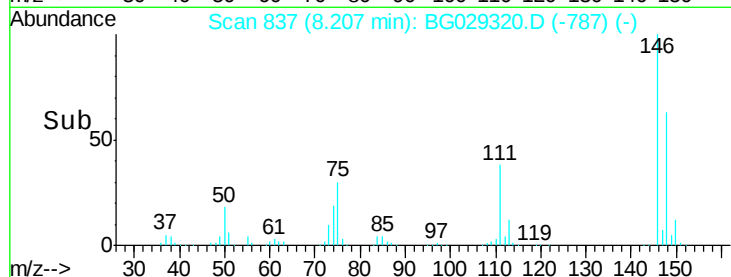
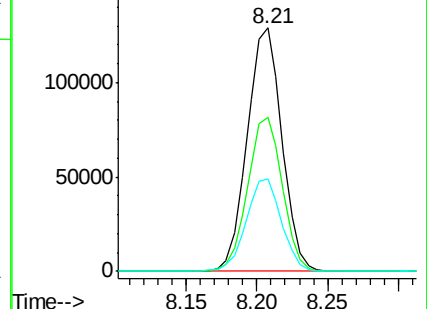
111 37.8 35.2 52.8



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 42.91 ng

RT: 8.53 min Scan# 892

Delta R.T. 0.00 min

Lab File: BG029320.D

Acq: 18 Oct 2017 4:04

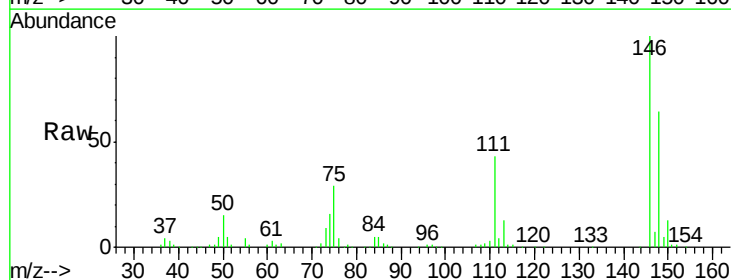
Tgt Ion:146 Resp: 212293

Ion Ratio Lower Upper

146 100

148 64.1 49.3 73.9

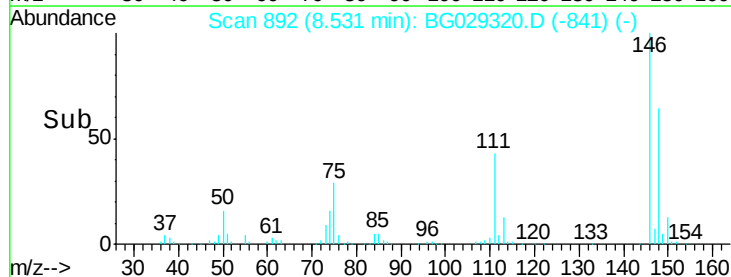
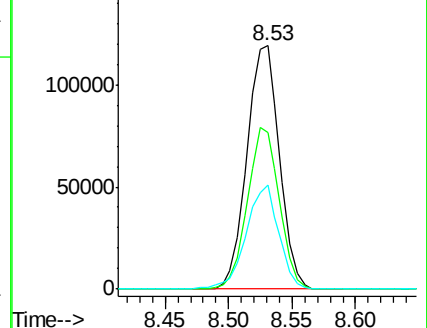
111 42.9 34.3 51.5

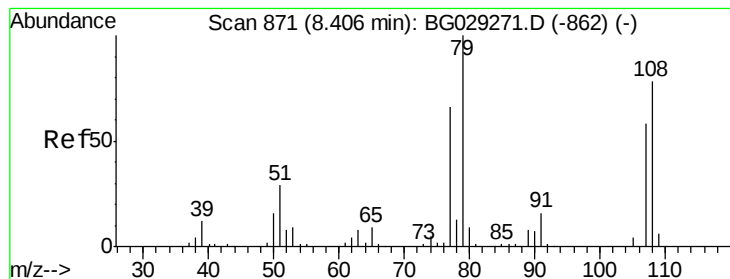


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 45.18 ng

RT: 8.40 min Scan# 870

Delta R.T. -0.00 min

Lab File: BG029320.D

Acq: 18 Oct 2017 4:04

Instrument :

BNA\_G

ClientSampleId :

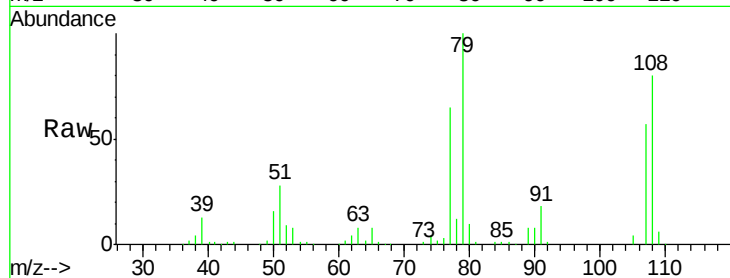
Tot Ion: 79 Resp: 174472

Ion Ratio Lower Upper

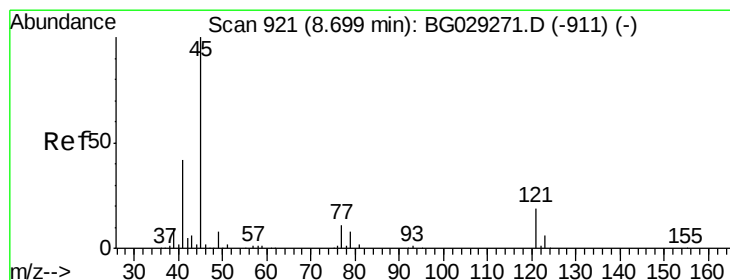
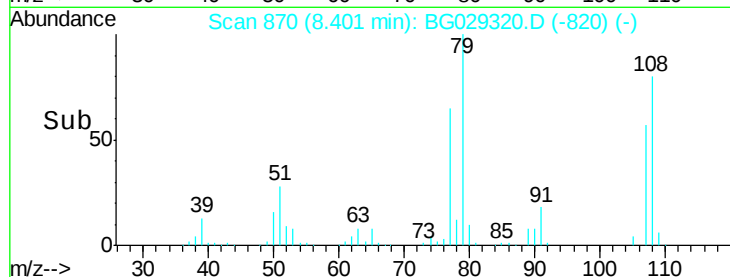
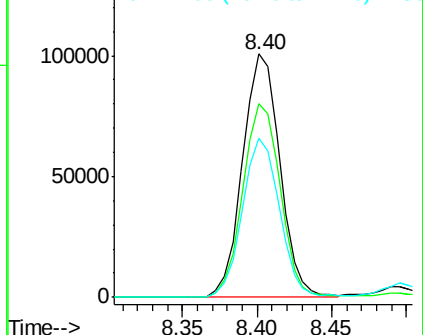
79 100

108 79.6 57.2 85.8

77 65.4 46.1 69.1



Abundance Ion 79.00 (78.70 to 79.70): BGC  
Ion 108.00 (107.70 to 108.70): BGC  
Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-chloropropane)

Concen: 42.81 ng

RT: 8.70 min Scan# 921

Delta R.T. 0.00 min

Lab File: BG029320.D

Acq: 18 Oct 2017 4:04

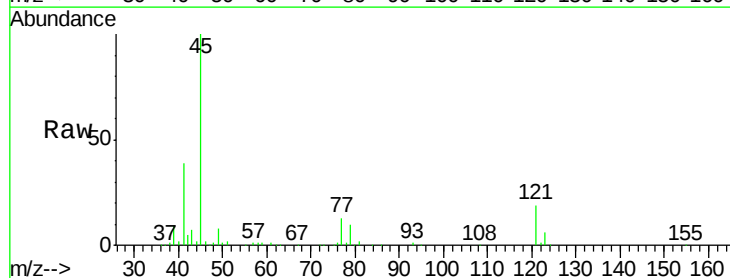
Tgt Ion: 45 Resp: 313002

Ion Ratio Lower Upper

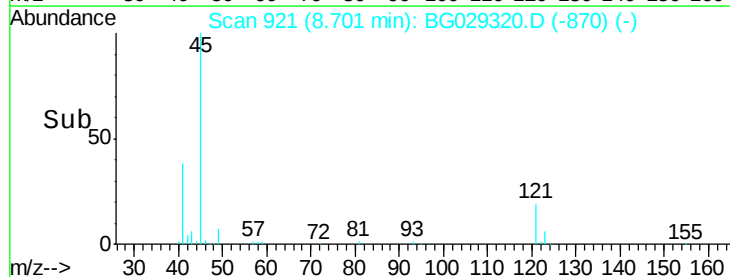
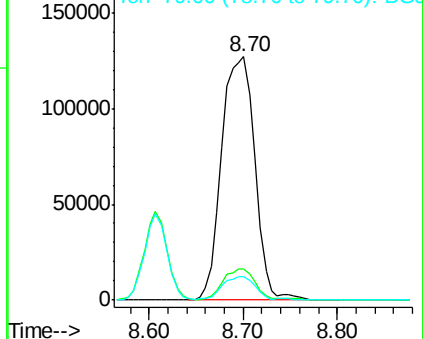
45 100

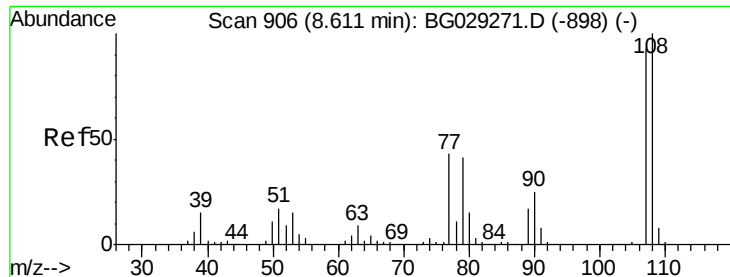
77 13.0 0.0 30.2

79 9.6 0.0 27.9



Abundance Ion 45.00 (44.70 to 45.70): BGC  
Ion 77.00 (76.70 to 77.70): BGC  
Ion 79.00 (78.70 to 79.70): BGC





#17

2-Methylphenol

Concen: 44.24 ng

RT: 8.61 min Scan# 905

Delta R.T. -0.00 min

Lab File: BG029320.D

Acq: 18 Oct 2017 4:04

Instrument :

BNA\_G

ClientSampleId :

Tot Ion:107 Resp: 173657

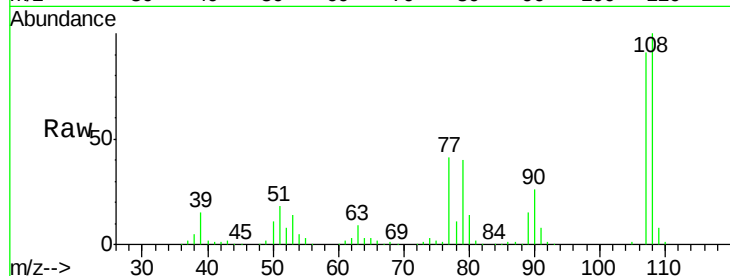
Ion Ratio Lower Upper

107 100

108 109.6 83.9 125.9

77 45.2 37.2 55.8

79 43.5 36.2 54.2

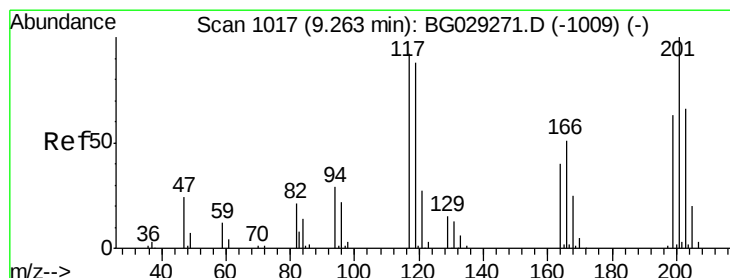
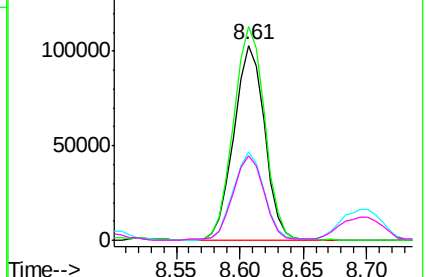
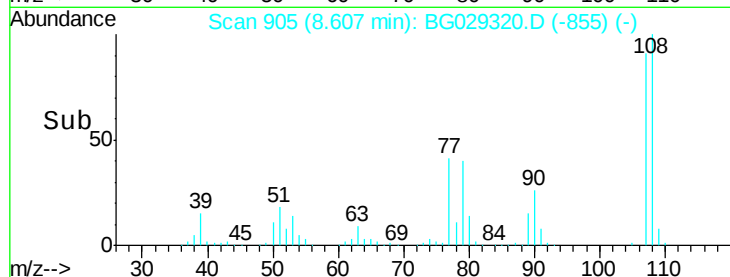


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 42.58 ng

RT: 9.26 min Scan# 1017

Delta R.T. 0.00 min

Lab File: BG029320.D

Acq: 18 Oct 2017 4:04

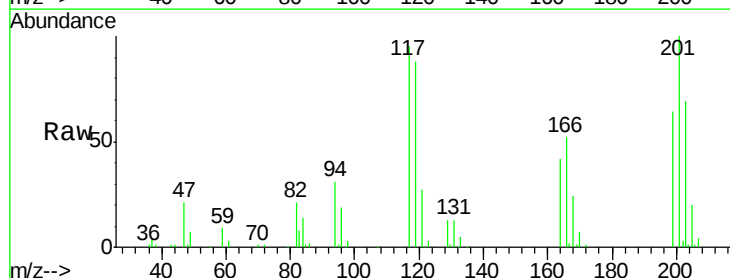
Tgt Ion:117 Resp: 74436

Ion Ratio Lower Upper

117 100

119 92.4 76.7 115.1

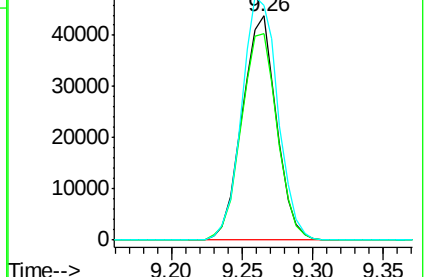
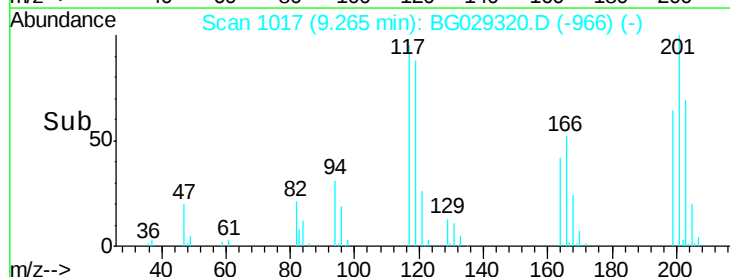
201 104.9 95.7 143.5

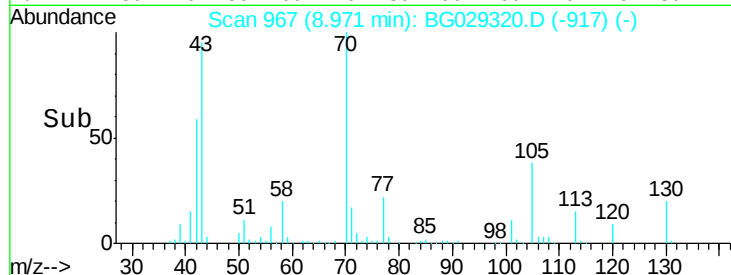
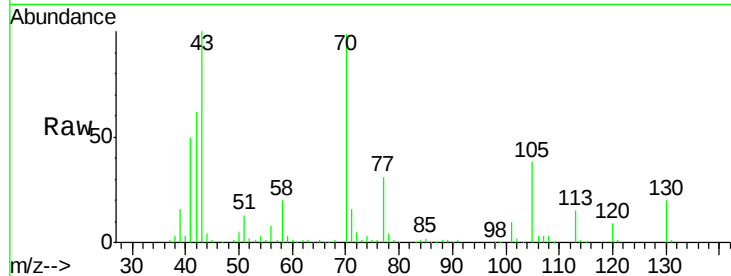
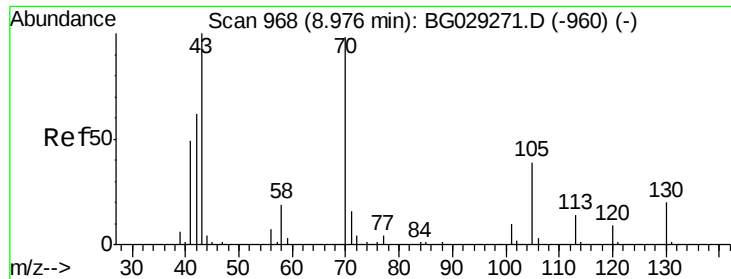


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

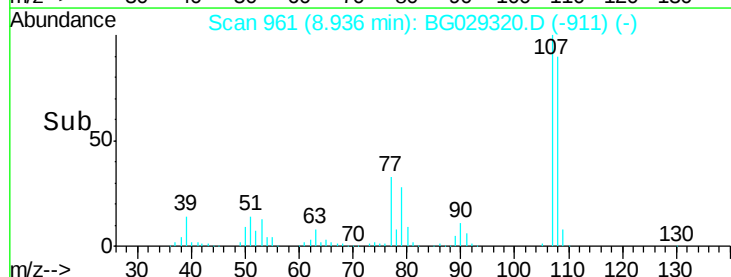
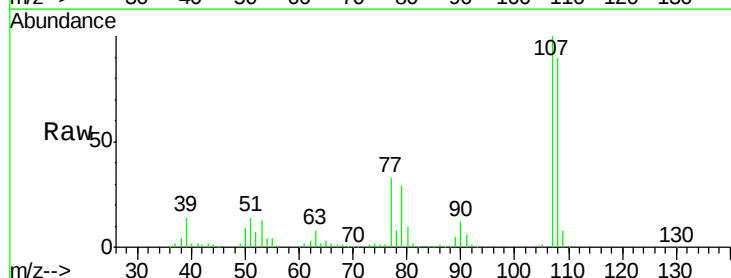
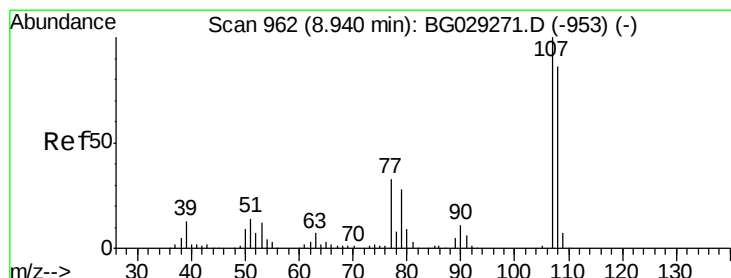
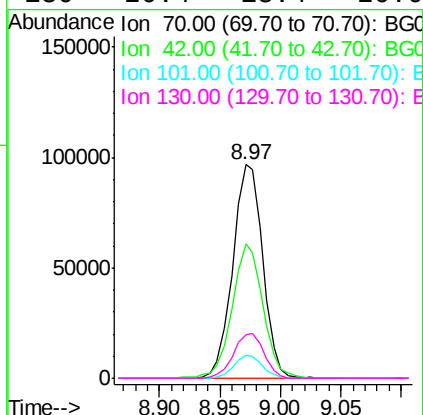




#19  
n-Nitroso-di-n-propylamine  
Concen: 44.88 ng  
RT: 8.97 min Scan# 967  
Delta R.T. -0.00 min  
Lab File: BG029320.D  
Acq: 18 Oct 2017 4:04

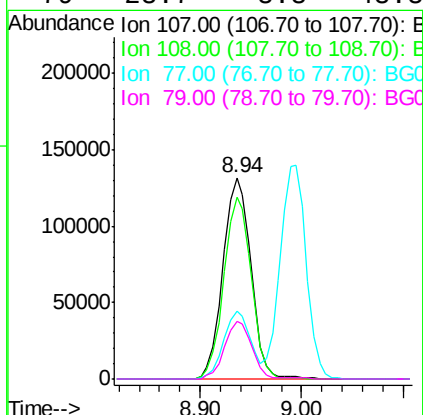
Instrument :  
BNA\_G  
ClientSampled :

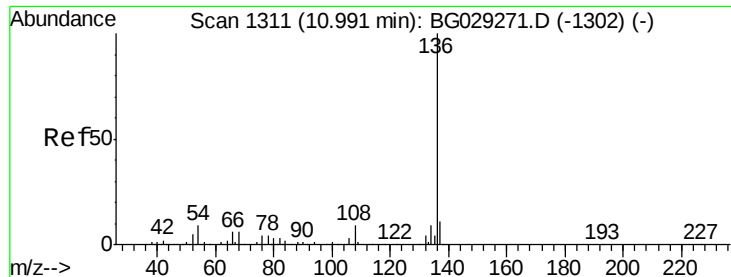
Tot Ion: 70 Resp: 167233  
Ion Ratio Lower Upper  
70 100  
42 62.7 49.1 73.7  
101 10.6 8.5 12.7  
130 20.4 13.4 20.0#



#20  
3+4-Methylphenols  
Concen: 45.55 ng  
RT: 8.94 min Scan# 961  
Delta R.T. -0.00 min  
Lab File: BG029320.D  
Acq: 18 Oct 2017 4:04

Tgt Ion:107 Resp: 251894  
Ion Ratio Lower Upper  
107 100  
108 90.3 61.6 101.6  
77 33.4 13.9 53.9  
79 28.7 8.8 48.8

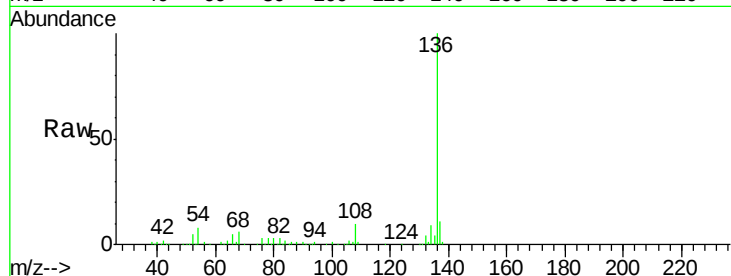




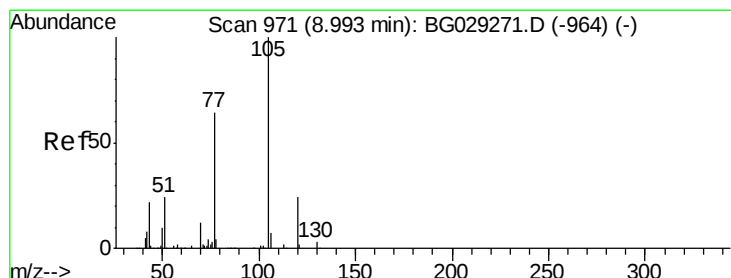
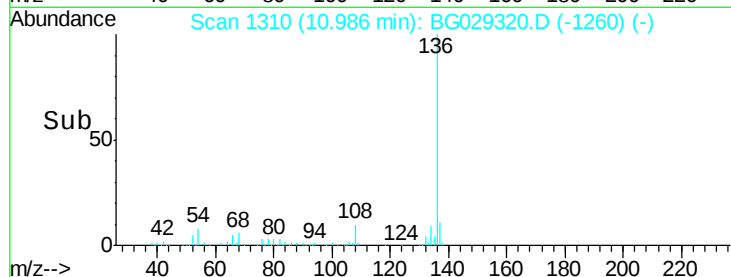
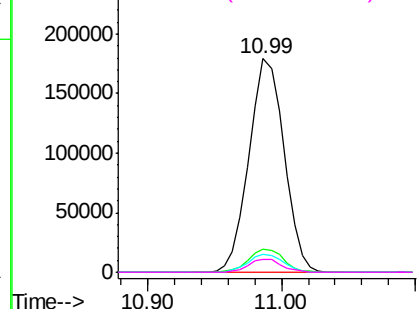
#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 10.99 min Scan# 1310  
Delta R.T. -0.00 min  
Lab File: BG029320.D  
Acq: 18 Oct 2017 4:04

Instrument :  
BNA\_G  
ClientSampleId :

|             |       |            |
|-------------|-------|------------|
| Tot Ion:136 | Resp: | 325926     |
| Ion Ratio   | Lower | Upper      |
| 136         | 100   |            |
| 137         | 10.9  | 9.2 13.8   |
| 54          | 8.5   | 10.3 15.5# |
| 68          | 5.9   | 4.5 6.7    |

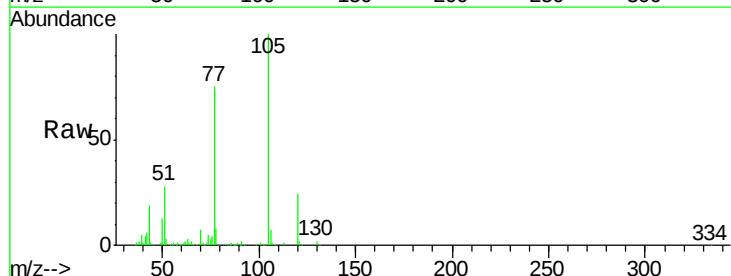


Abundance Ion 136.00 (135.70 to 136.70): E  
Ion 137.00 (136.70 to 137.70): E  
Ion 54.00 (53.70 to 54.70): BGC  
Ion 68.00 (67.70 to 68.70): BGC

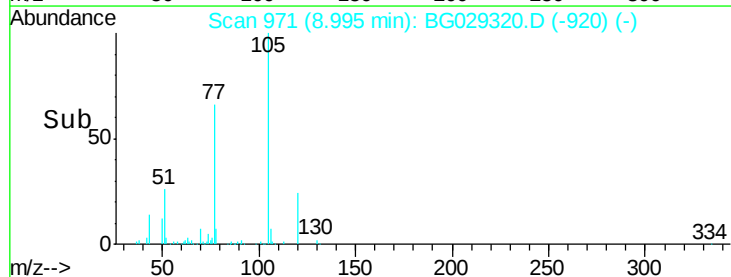
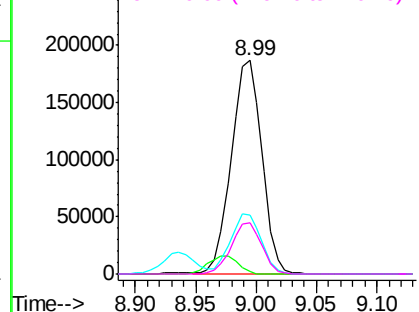


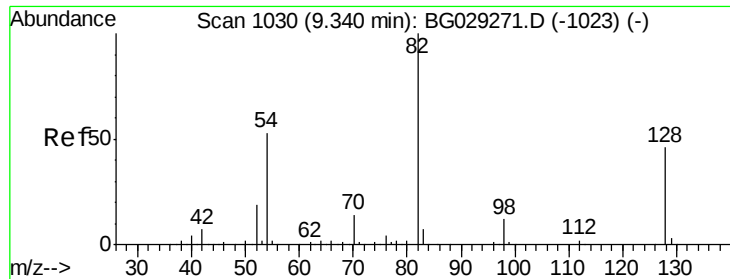
#22  
Acetophenone  
Concen: 42.06 ng  
RT: 8.99 min Scan# 971  
Delta R.T. 0.00 min  
Lab File: BG029320.D  
Acq: 18 Oct 2017 4:04

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:105 | Resp: | 330359    |
| Ion Ratio   | Lower | Upper     |
| 105         | 100   |           |
| 71          | 1.3   | 3.0 4.4#  |
| 51          | 27.5  | 26.1 39.1 |
| 120         | 23.8  | 17.4 26.2 |



Abundance Ion 105.00 (104.70 to 105.70): E  
Ion 71.00 (70.70 to 71.70): BGC  
Ion 51.00 (50.70 to 51.70): BGC  
Ion 120.00 (119.70 to 120.70): E

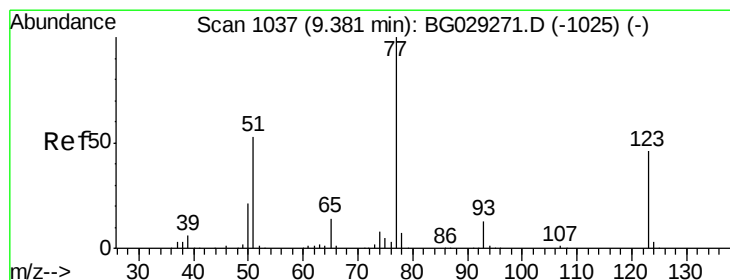
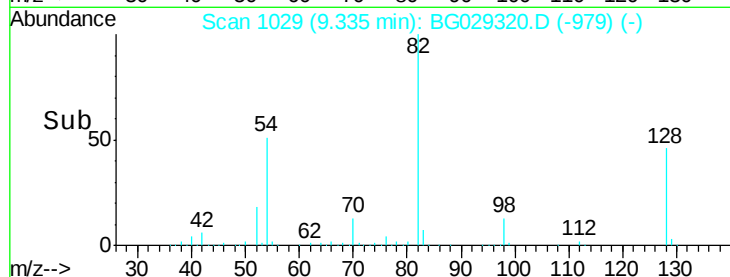
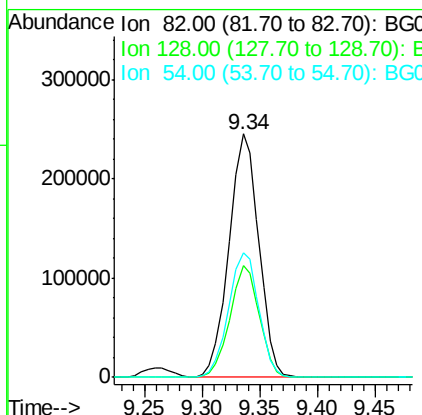
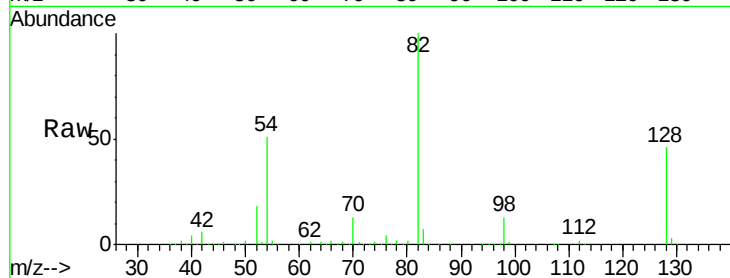




#23  
 Nitrobenzene-d5  
 Concen: 85.28 ng  
 RT: 9.34 min Scan# 1029  
 Delta R.T. -0.00 min  
 Lab File: BG029320.D  
 Acq: 18 Oct 2017 4:04

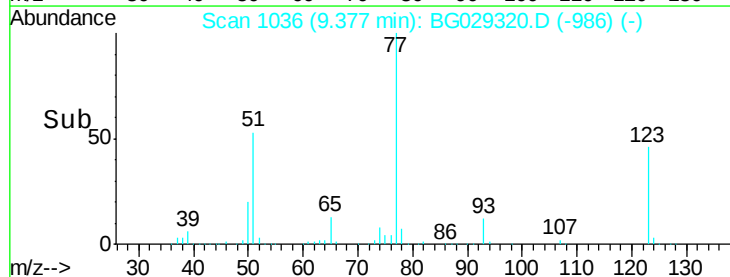
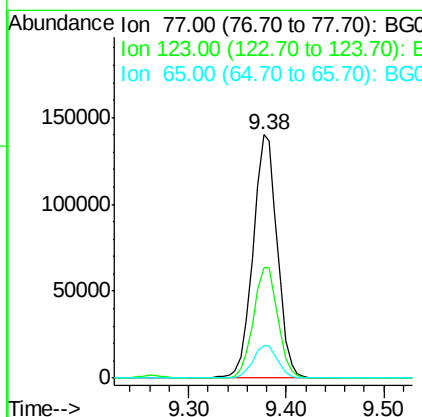
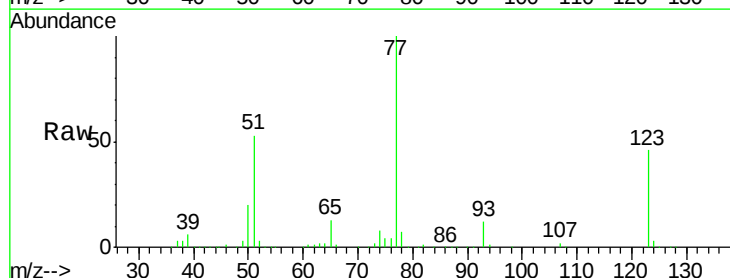
Instrument :  
 BNA\_G  
 ClientSampleId :

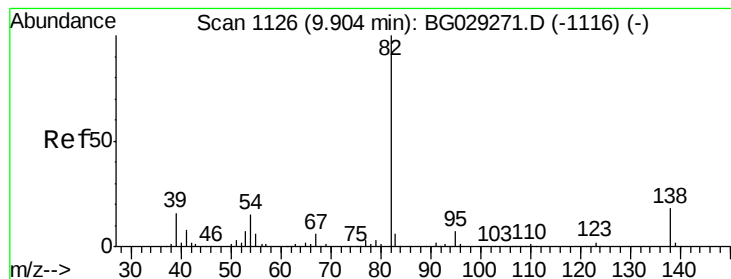
Tot Ion: 82 Resp: 437378  
 Ion Ratio Lower Upper  
 82 100  
 128 46.0 29.7 44.5#  
 54 51.2 43.1 64.7



#24  
 Nitrobenzene  
 Concen: 42.60 ng  
 RT: 9.38 min Scan# 1036  
 Delta R.T. -0.00 min  
 Lab File: BG029320.D  
 Acq: 18 Oct 2017 4:04

Tgt Ion: 77 Resp: 245652  
 Ion Ratio Lower Upper  
 77 100  
 123 45.6 33.0 49.6  
 65 13.5 13.0 19.6





#25

Isophorone

Concen: 42.35 ng

RT: 9.90 min Scan# 1125

Delta R.T. -0.00 min

Lab File: BG029320.D

Acq: 18 Oct 2017 4:04

Instrument :

BNA\_G

ClientSampleId :

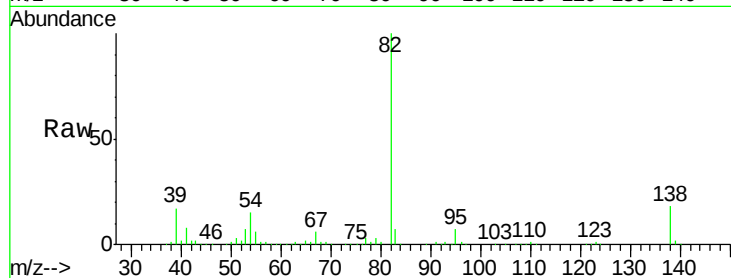
Tot Ion: 82 Resp: 453399

Ion Ratio Lower Upper

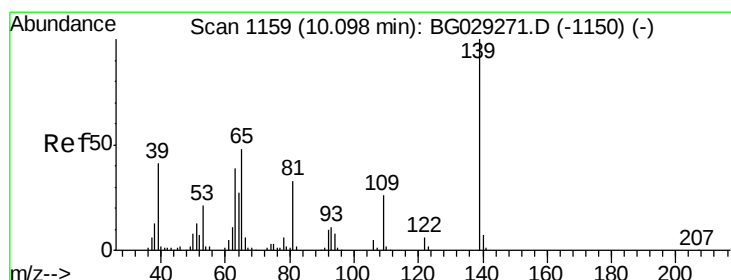
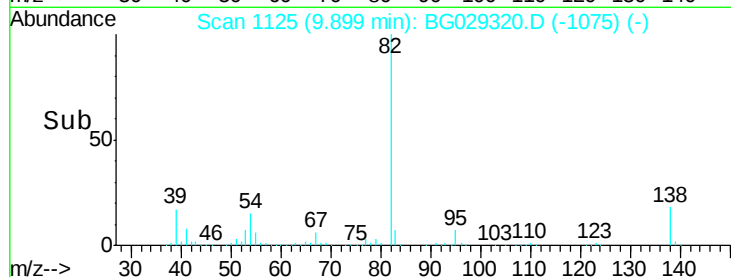
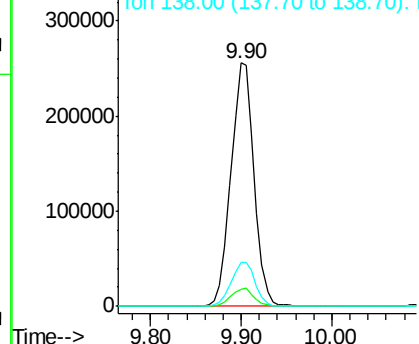
82 100

95 7.0 6.2 9.2

138 18.0 12.1 18.1



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



#26

2-Nitrophenol

Concen: 45.65 ng

RT: 10.09 min Scan# 1158

Delta R.T. -0.00 min

Lab File: BG029320.D

Acq: 18 Oct 2017 4:04

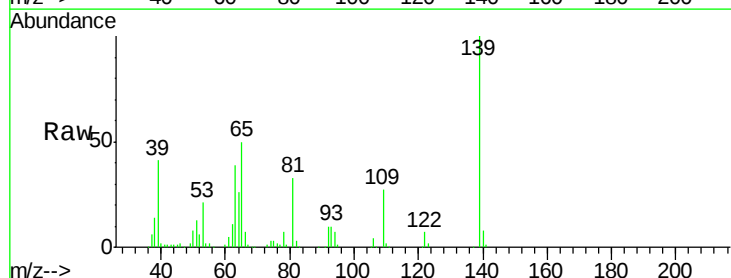
Tgt Ion: 139 Resp: 125812

Ion Ratio Lower Upper

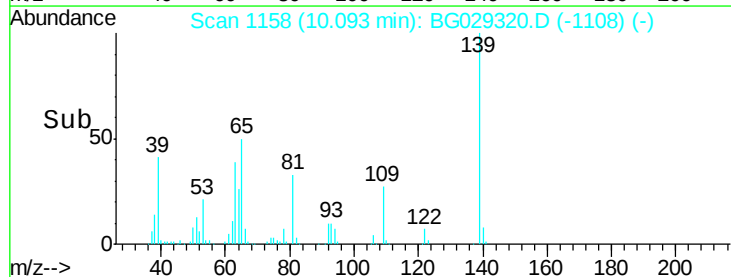
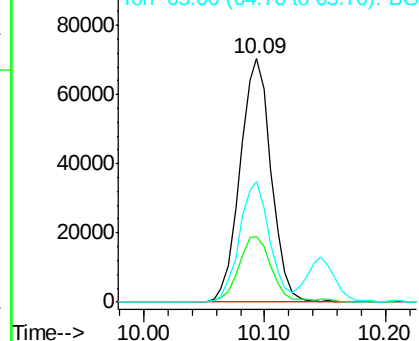
139 100

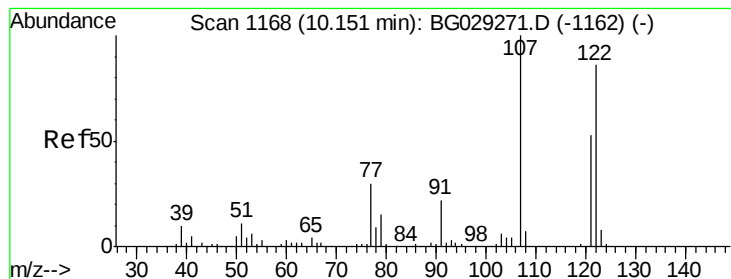
109 26.7 24.2 36.2

65 49.7 47.4 71.0



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





#27

2,4-Dimethylphenol

Concen: 42.56 ng

RT: 10.15 min Scan# 1167

Delta R.T. -0.00 min

Lab File: BG029320.D

Acq: 18 Oct 2017 4:04

Instrument :

BNA\_G

ClientSampleId :

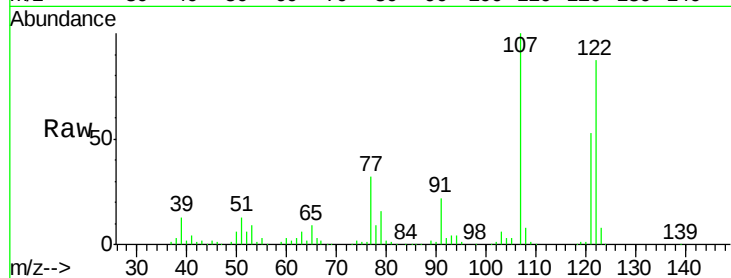
Tot Ion:122 Resp: 212211

Ion Ratio Lower Upper

122 100

107 115.3 100.2 150.2

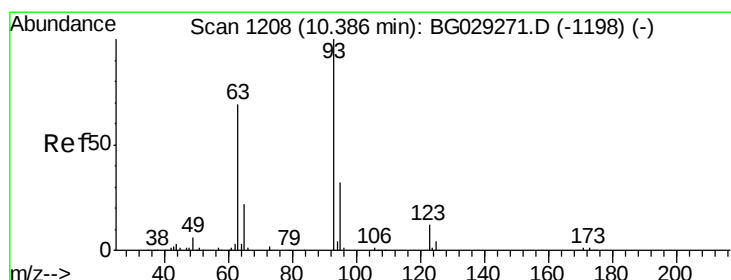
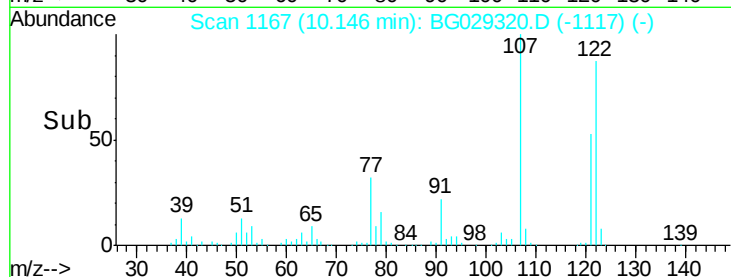
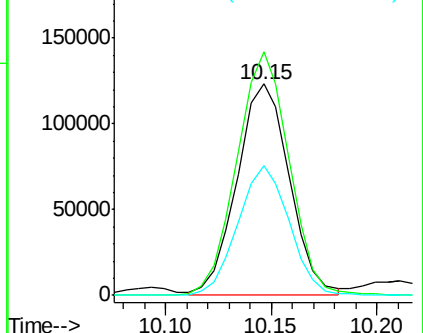
121 61.2 44.4 66.6



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 42.71 ng

RT: 10.38 min Scan# 1207

Delta R.T. -0.00 min

Lab File: BG029320.D

Acq: 18 Oct 2017 4:04

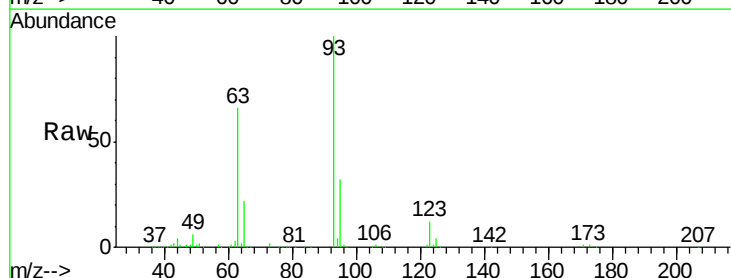
Tgt Ion: 93 Resp: 280383

Ion Ratio Lower Upper

93 100

95 32.0 24.3 36.5

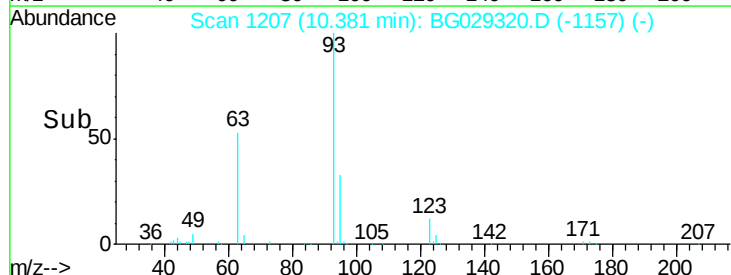
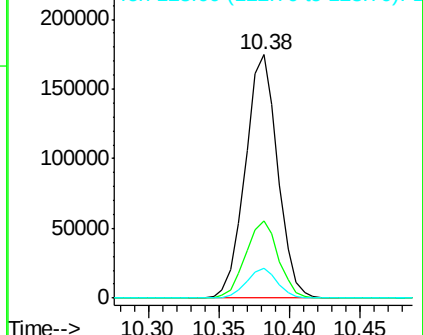
123 12.4 8.4 12.6

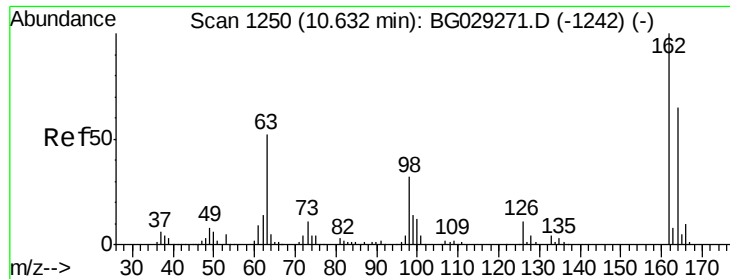


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

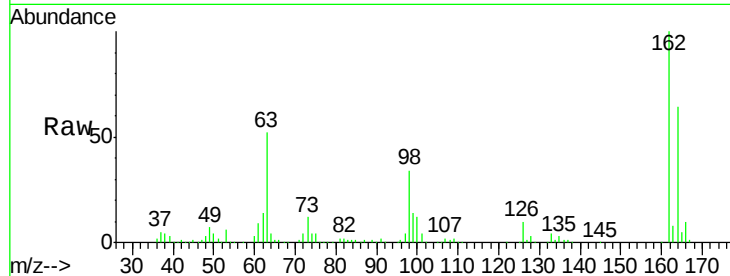




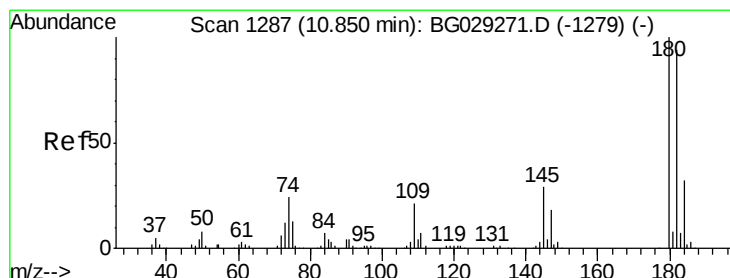
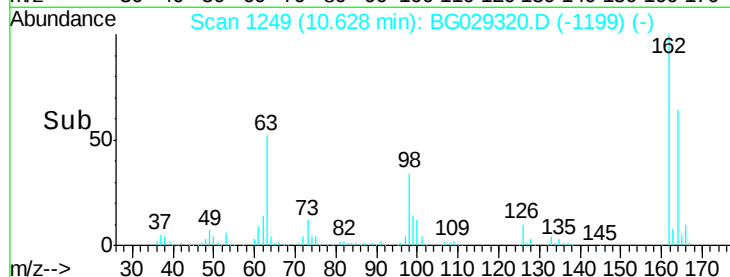
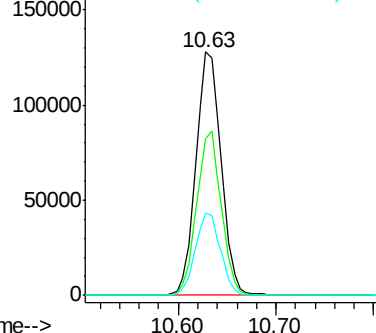
#29  
 2,4-Dichlorophenol  
 Concen: 43.11 ng  
 RT: 10.63 min Scan# 1249  
 Delta R.T. -0.00 min  
 Lab File: BG029320.D  
 Acq: 18 Oct 2017 4:04

Instrument :  
 BNA\_G  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 64.3  | 48.0  | 88.0  |
| 98      | 33.9  | 21.1  | 61.1  |

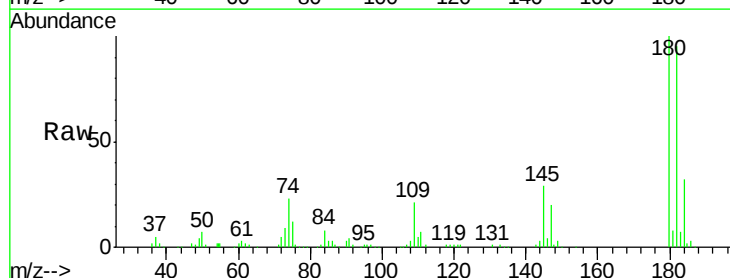


Abundance Ion 162.00 (161.70 to 162.70): E  
 Ion 164.00 (163.70 to 164.70): E  
 Ion 98.00 (97.70 to 98.70): B

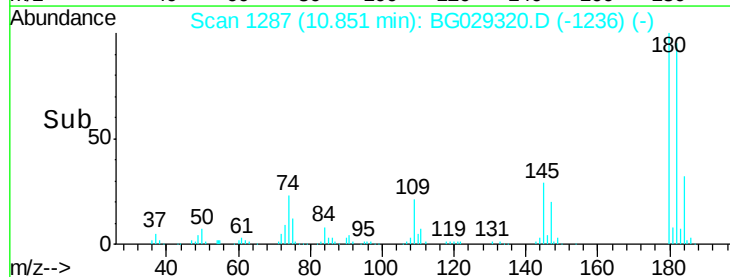
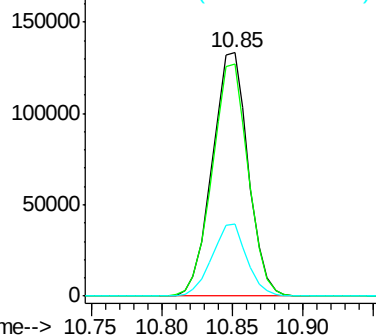


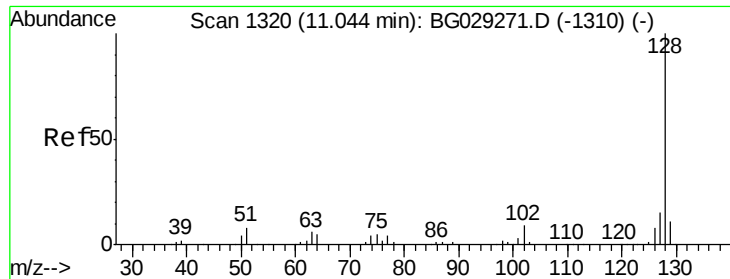
#30  
 1,2,4-Trichlorobenzene  
 Concen: 41.28 ng  
 RT: 10.85 min Scan# 1287  
 Delta R.T. 0.00 min  
 Lab File: BG029320.D  
 Acq: 18 Oct 2017 4:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 95.4  | 77.5  | 116.3 |
| 145     | 29.4  | 23.4  | 35.2  |



Abundance Ion 180.00 (179.70 to 180.70): E  
 Ion 182.00 (181.70 to 182.70): E  
 Ion 145.00 (144.70 to 145.70): E

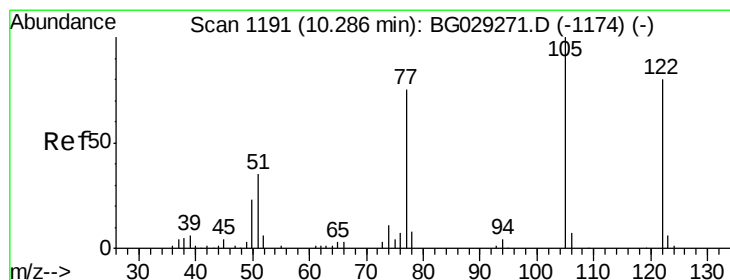
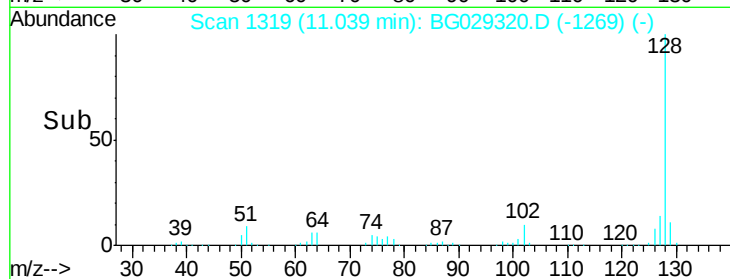
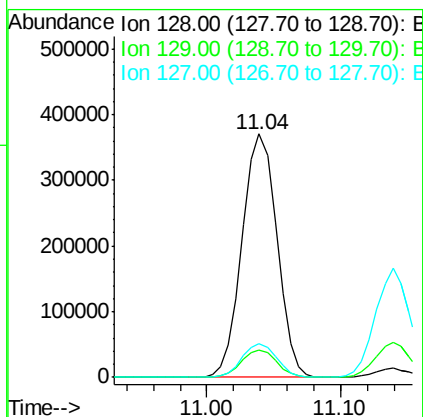
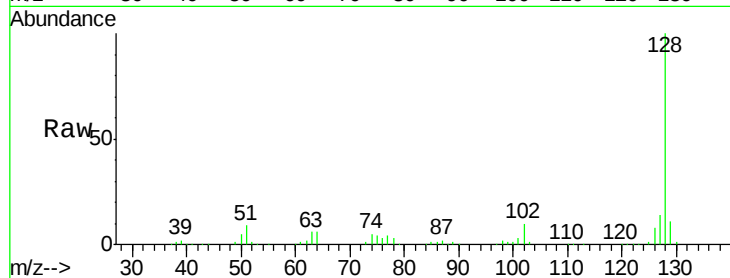




#31  
Naphthalene  
Concen: 41.26 ng  
RT: 11.04 min Scan# 1319  
Delta R.T. -0.00 min  
Lab File: BG029320.D  
Acq: 18 Oct 2017 4:04

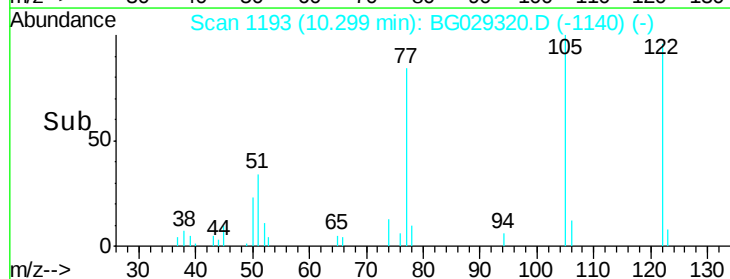
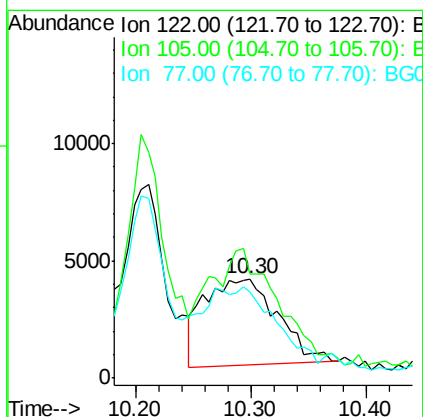
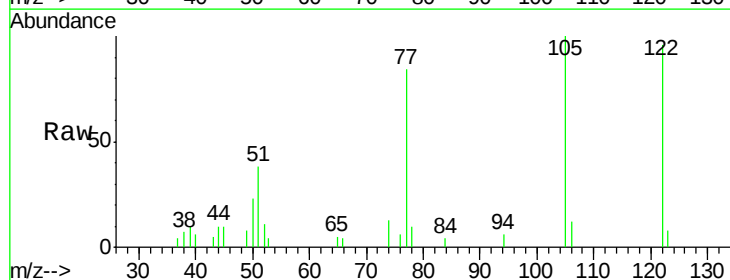
Instrument :  
BNA\_G  
ClientSampled :

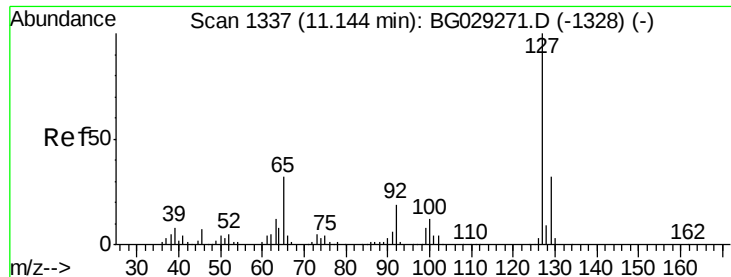
Tot Ion:128 Resp: 670169  
Ion Ratio Lower Upper  
128 100  
129 11.5 8.6 12.8  
127 13.6 11.6 17.4



#32  
Benzoic acid  
Concen: 3.87 ng  
RT: 10.30 min Scan# 1193  
Delta R.T. 0.01 min  
Lab File: BG029320.D  
Acq: 18 Oct 2017 4:04

Tgt Ion:122 Resp: 16140  
Ion Ratio Lower Upper  
122 100  
105 104.4 123.5 163.5#  
77 87.3 85.7 125.7

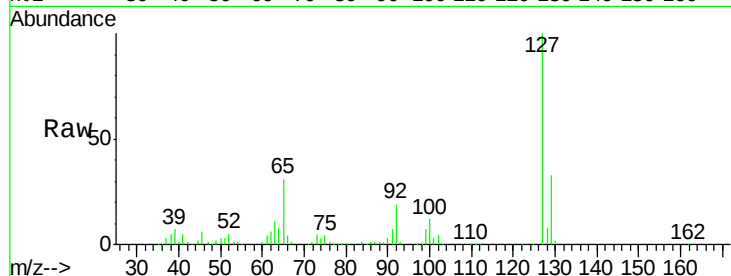




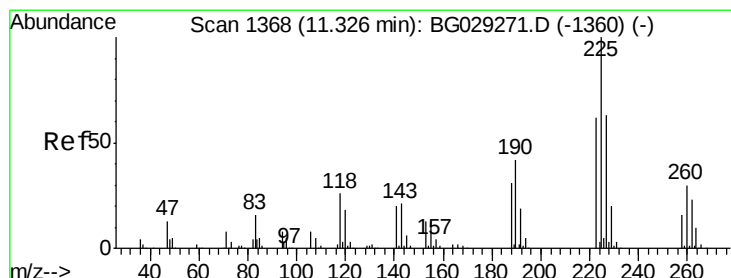
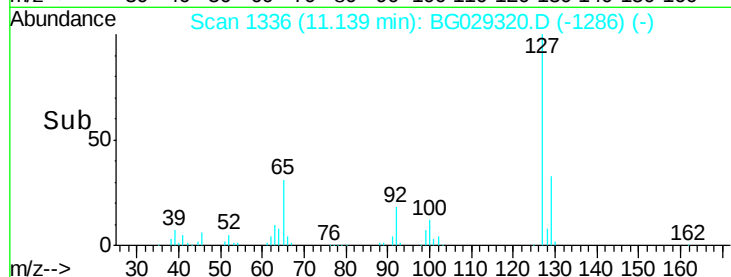
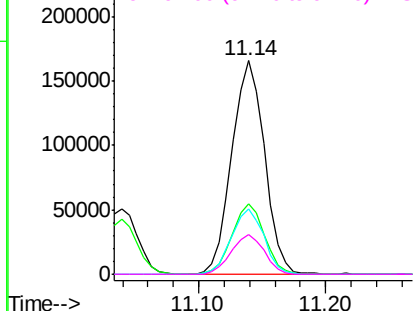
#33  
4-Chloroaniline  
Concen: 43.38 ng  
RT: 11.14 min Scan# 1336  
Delta R.T. -0.00 min  
Lab File: BG029320.D  
Acq: 18 Oct 2017 4:04

Instrument :  
BNA\_G  
ClientSampleId :

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 127   | Resp: | 296372 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 32.7  | 24.0  | 36.0   |
| 65       | 30.6  | 27.0  | 40.4   |
| 92       | 18.5  | 16.6  | 25.0   |

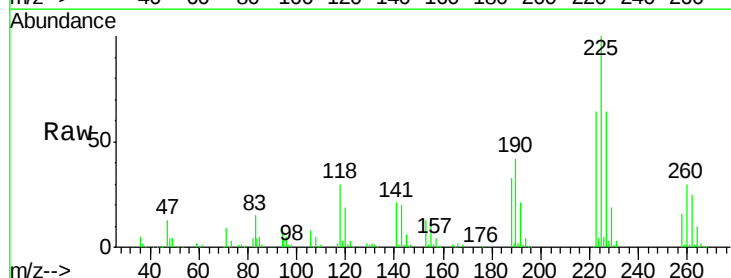


Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BG  
Ion 92.00 (91.70 to 92.70): BG

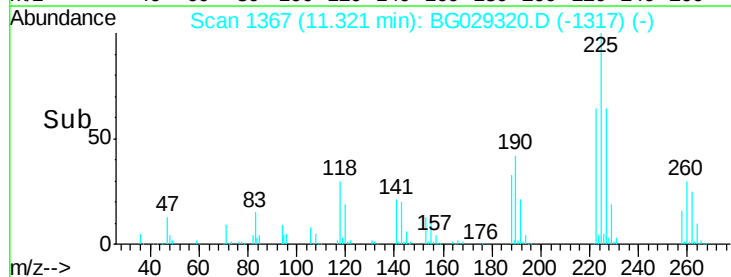
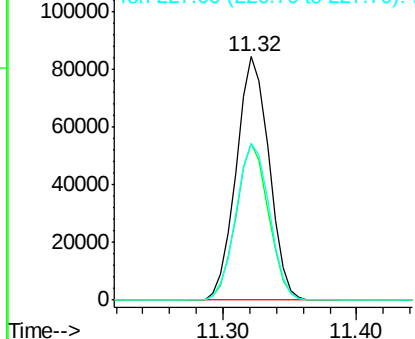


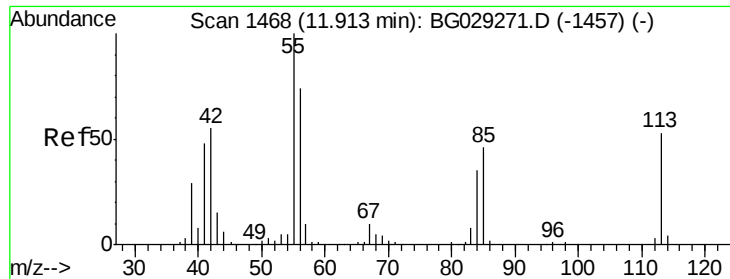
#34  
Hexachlorobutadiene  
Concen: 40.24 ng  
RT: 11.32 min Scan# 1367  
Delta R.T. -0.00 min  
Lab File: BG029320.D  
Acq: 18 Oct 2017 4:04

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 143725 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 64.2  | 49.7  | 74.5   |
| 227      | 64.2  | 48.1  | 72.1   |



Abundance Ion 225.00 (224.70 to 225.70): E  
Ion 223.00 (222.70 to 223.70): E  
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 42.61 ng

RT: 11.91 min Scan# 1468

Delta R.T. 0.00 min

Lab File: BG029320.D

Acq: 18 Oct 2017 4:04

Instrument :

BNA\_G

ClientSampled :

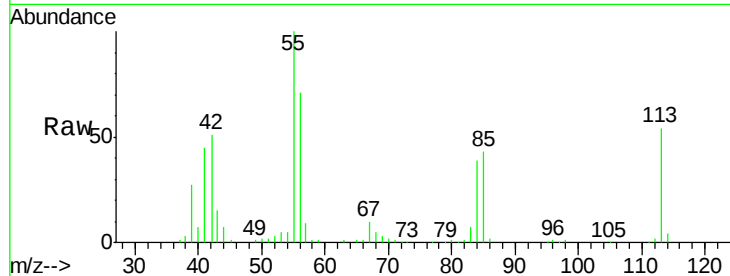
Tot Ion:113 Resp: 75304

Ion Ratio Lower Upper

113 100

55 186.0 186.9 226.9#

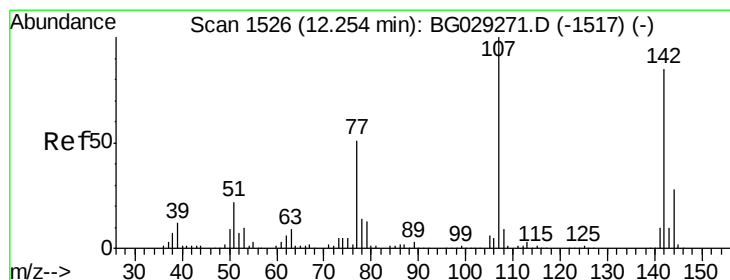
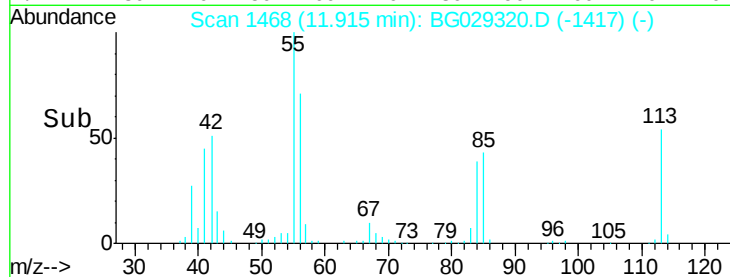
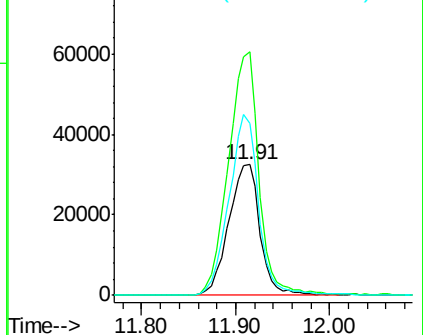
56 131.4 130.9 170.9



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: 42.72 ng

RT: 12.25 min Scan# 1525

Delta R.T. -0.00 min

Lab File: BG029320.D

Acq: 18 Oct 2017 4:04

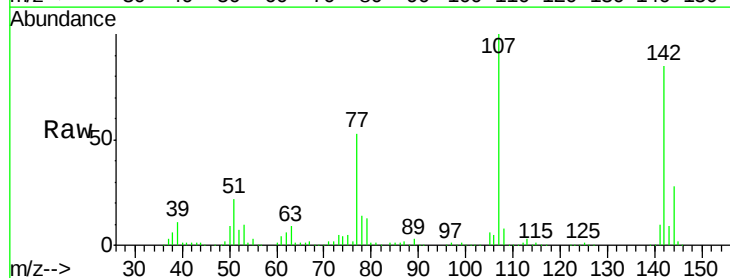
Tgt Ion:107 Resp: 249842

Ion Ratio Lower Upper

107 100

144 27.5 18.2 27.4#

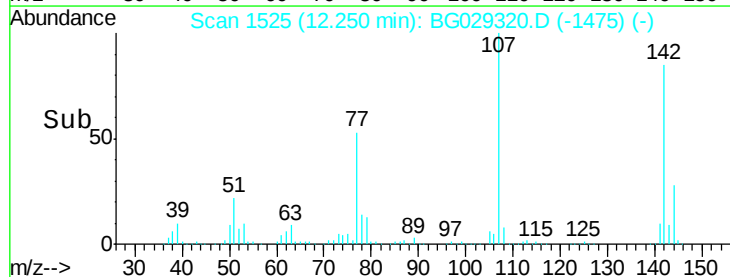
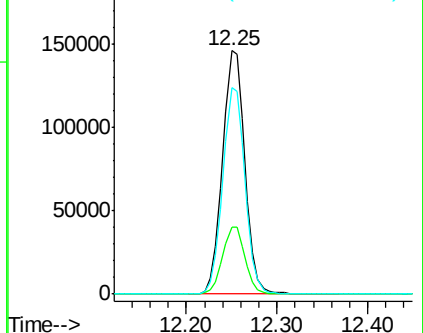
142 84.6 59.0 88.4

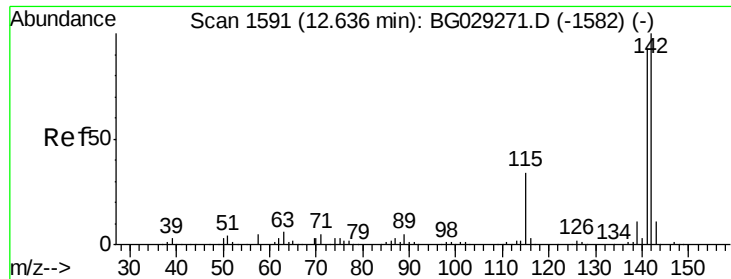


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

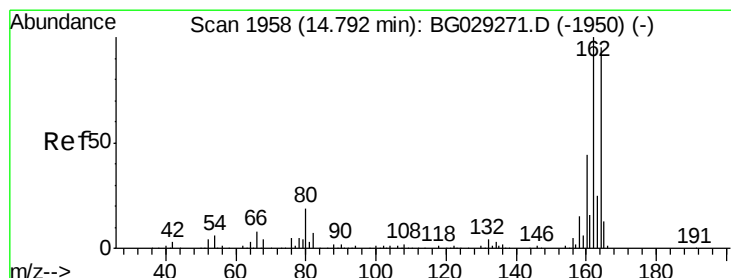
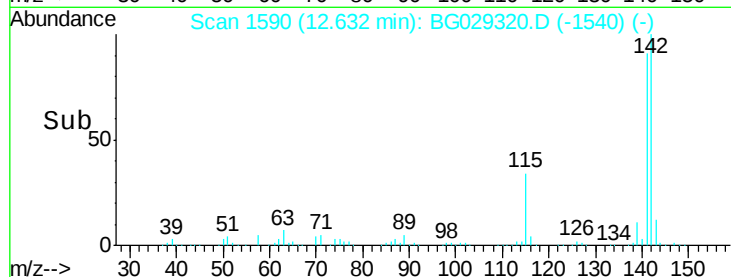
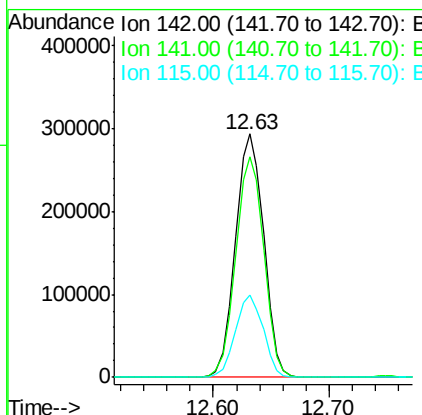
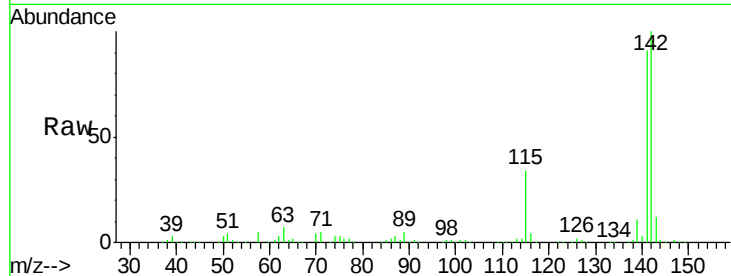




#37  
 2-Methylnaphthalene  
 Concen: 41.85 ng  
 RT: 12.63 min Scan# 1590  
 Delta R.T. -0.00 min  
 Lab File: BG029320.D  
 Acq: 18 Oct 2017 4:04

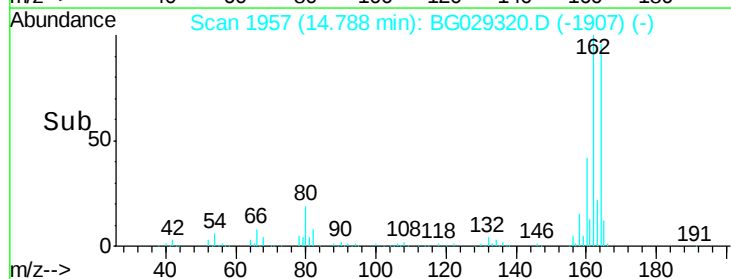
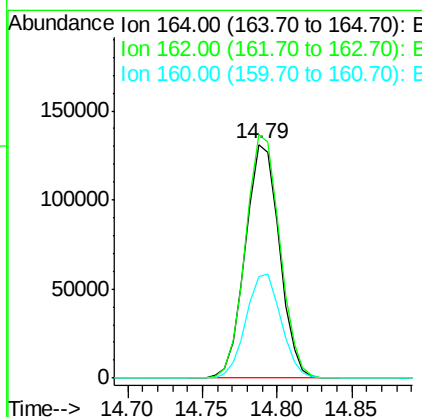
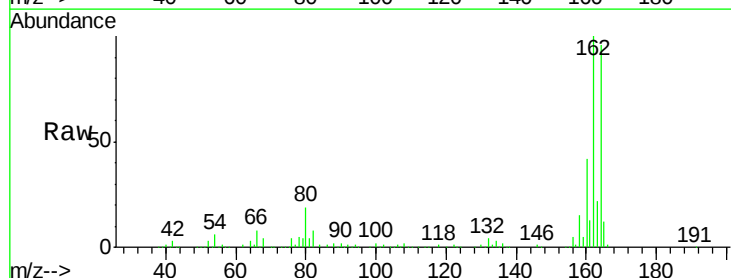
Instrument :  
 BNA\_G  
 ClientSampleId :

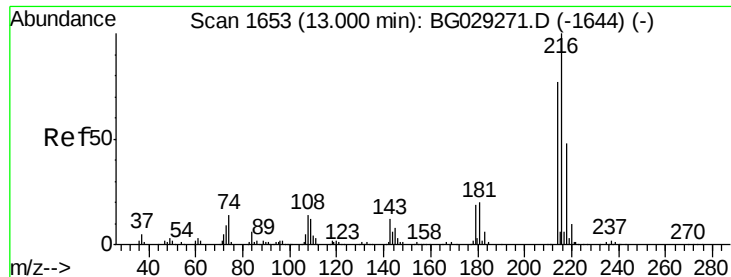
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 90.7  | 67.1  | 100.7 |
| 115     | 34.0  | 30.7  | 46.1  |



#38  
 Acenaphthene-d10  
 Concen: 20.00 ng  
 RT: 14.79 min Scan# 1957  
 Delta R.T. -0.00 min  
 Lab File: BG029320.D  
 Acq: 18 Oct 2017 4:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 104.2 | 78.8  | 118.2 |
| 160     | 43.7  | 35.4  | 53.0  |





#39

1,2,4,5-Tetrachlorobenzene

Concen: 41.00 ng

RT: 13.00 min Scan# 1652

Delta R.T. -0.00 min

Lab File: BG029320.D

Acq: 18 Oct 2017 4:04

Instrument :

BNA\_G

ClientSampleId :

Tot Ion:216 Resp: 309491

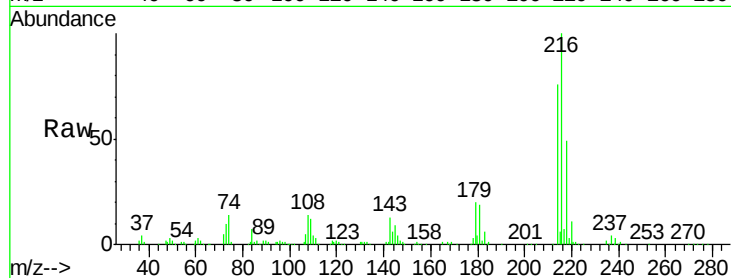
Ion Ratio Lower Upper

216 100

214 77.2 63.0 94.4

179 19.9 17.0 25.6

108 15.4 12.8 19.2

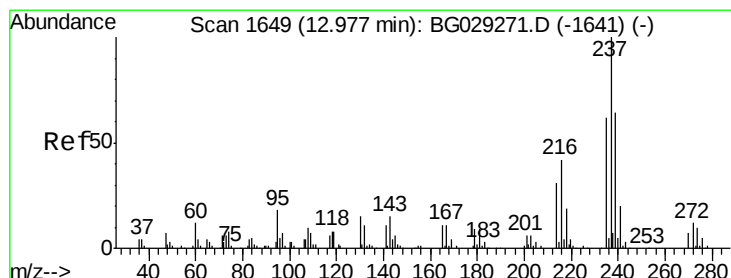
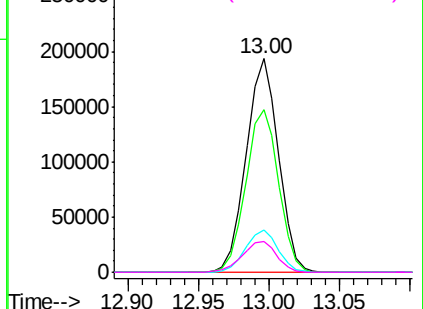
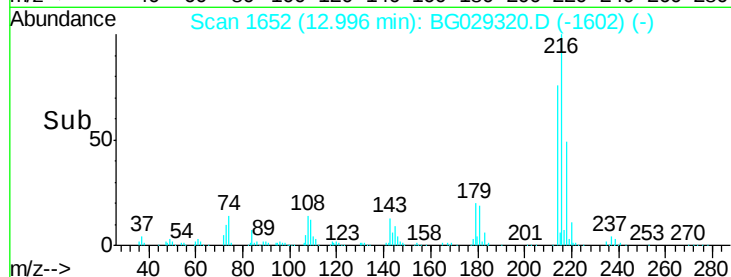


Abundance Ion 216.00 (215.70 to 216.70): E

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: 37.14 ng

RT: 12.97 min Scan# 1648

Delta R.T. -0.00 min

Lab File: BG029320.D

Acq: 18 Oct 2017 4:04

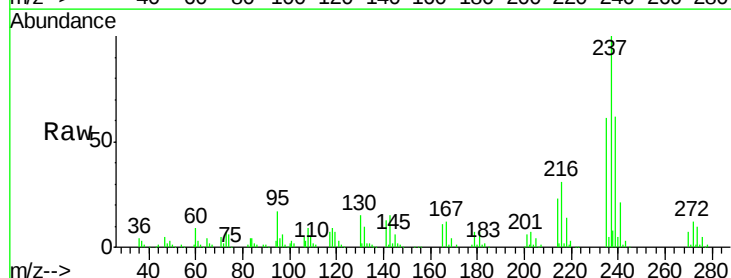
Tgt Ion:237 Resp: 98603

Ion Ratio Lower Upper

237 100

235 61.1 50.4 90.4

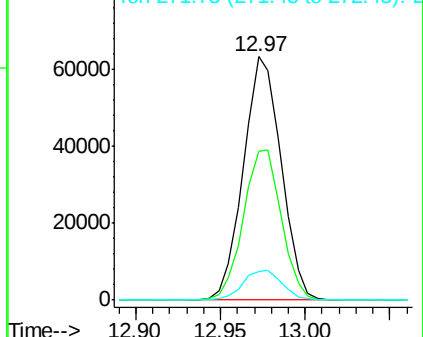
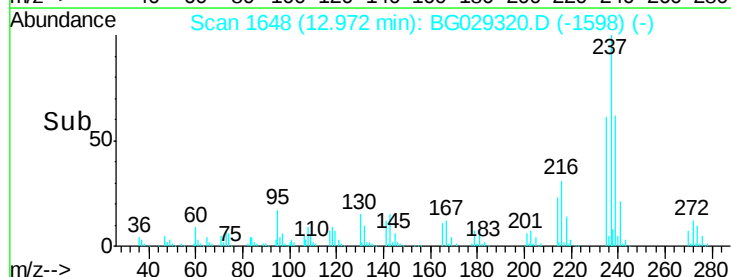
272 11.9 0.0 31.8

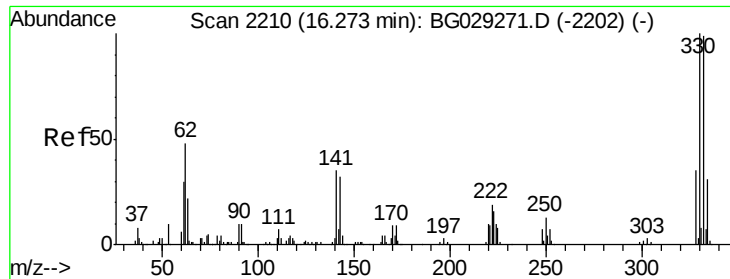


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

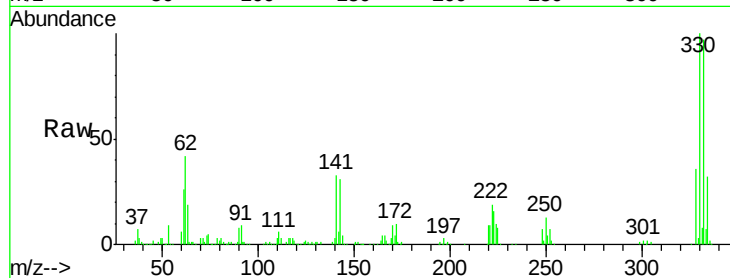




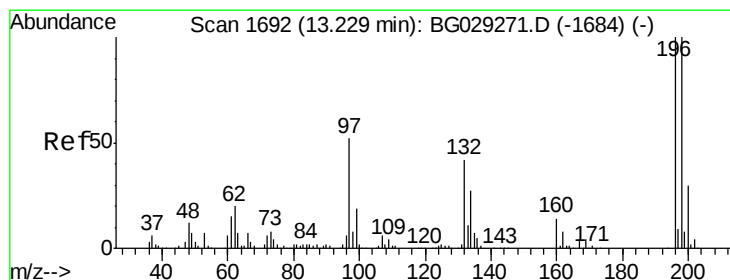
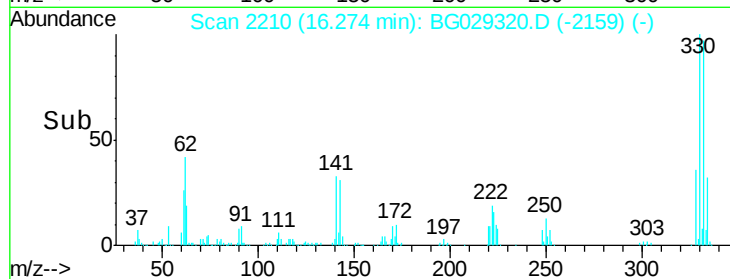
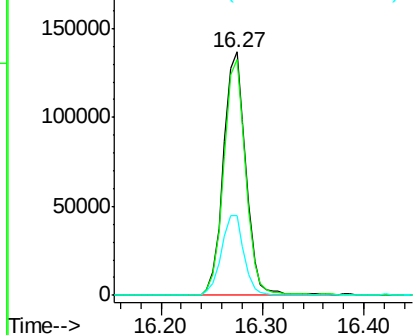
#41  
 2,4,6-Tribromophenol  
 Concen: 78.77 ng  
 RT: 16.27 min Scan# 2210  
 Delta R.T. 0.00 min  
 Lab File: BG029320.D  
 Acq: 18 Oct 2017 4:04

Instrument :  
 BNA\_G  
 ClientSampleId :

Tot Ion:330 Resp: 210243  
 Ion Ratio Lower Upper  
 330 100  
 332 95.8 77.0 115.6  
 141 33.1 25.2 37.8

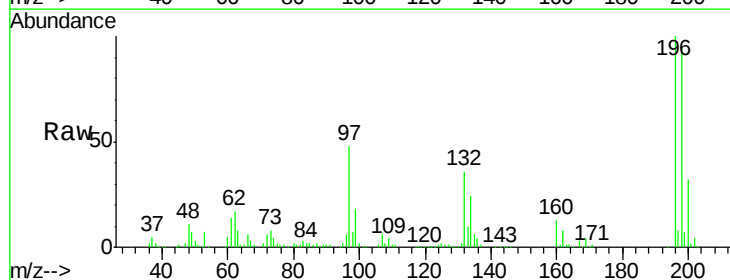


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

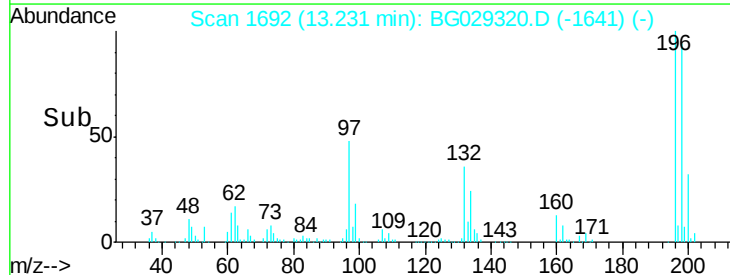
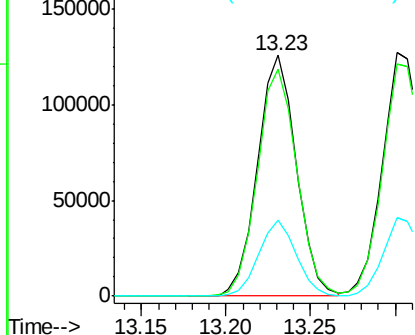


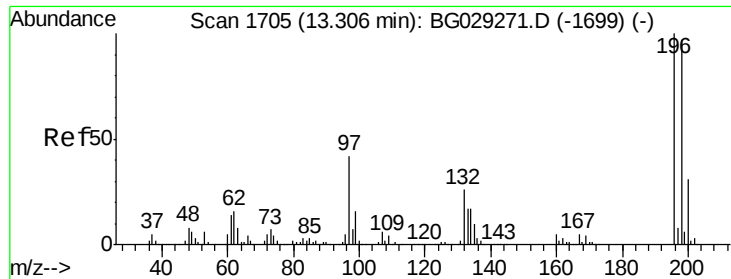
#42  
 2,4,6-Trichlorophenol  
 Concen: 42.13 ng  
 RT: 13.23 min Scan# 1692  
 Delta R.T. 0.00 min  
 Lab File: BG029320.D  
 Acq: 18 Oct 2017 4:04

Tgt Ion:196 Resp: 199620  
 Ion Ratio Lower Upper  
 196 100  
 198 94.2 78.2 117.2  
 200 31.6 24.6 36.8



Abundance Ion 196.00 (195.70 to 196.70): E  
 Ion 198.00 (197.70 to 198.70): E  
 Ion 200.00 (199.70 to 200.70): E

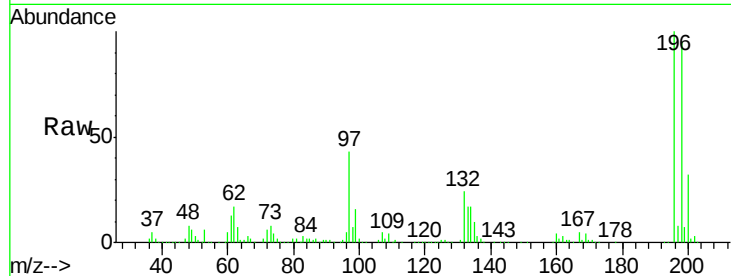




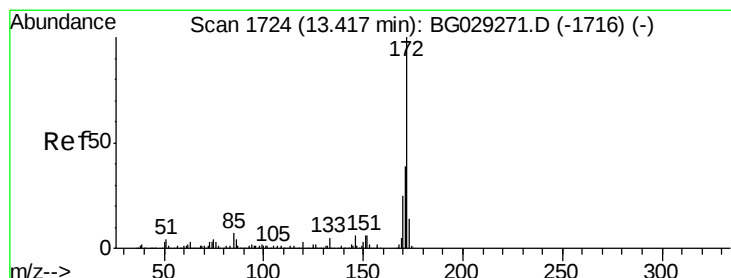
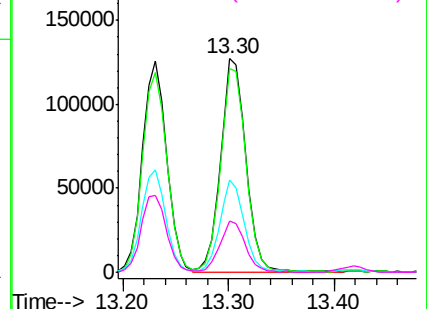
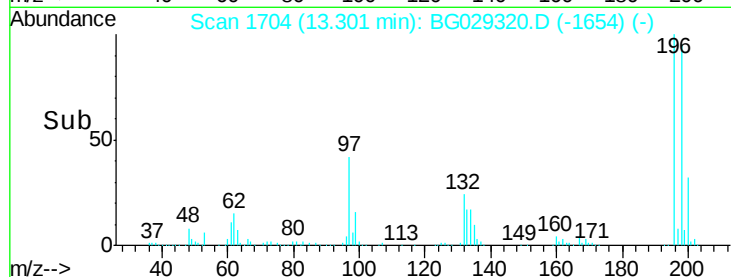
#43  
2,4,5-Trichlorophenol  
Concen: 43.40 ng  
RT: 13.30 min Scan# 1704  
Delta R.T. -0.00 min  
Lab File: BG029320.D  
Acq: 18 Oct 2017 4:04

Instrument :  
BNA\_G  
ClientSampleId :

Tot Ion:196 Resp: 211184  
Ion Ratio Lower Upper  
196 100  
198 95.3 76.2 114.4  
97 42.9 38.7 58.1  
132 24.2 20.2 30.2

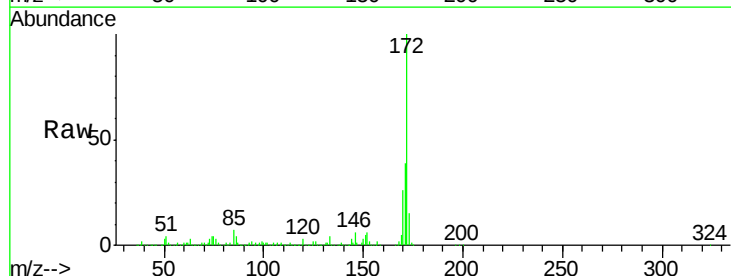


Abundance Ion 196.00 (195.70 to 196.70): E  
Ion 198.00 (197.70 to 198.70): E  
Ion 97.00 (96.70 to 97.70): BGC  
Ion 132.00 (131.70 to 132.70): E

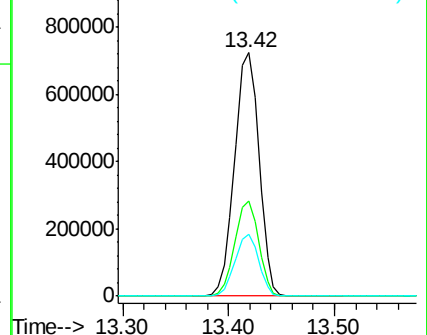
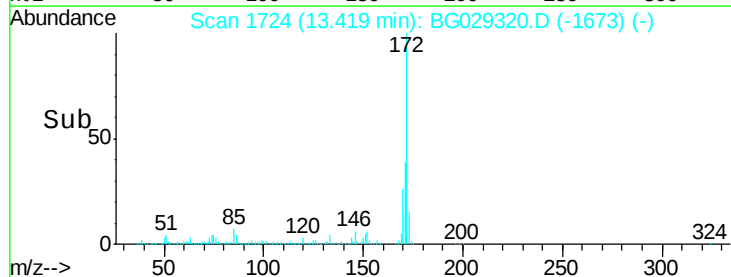


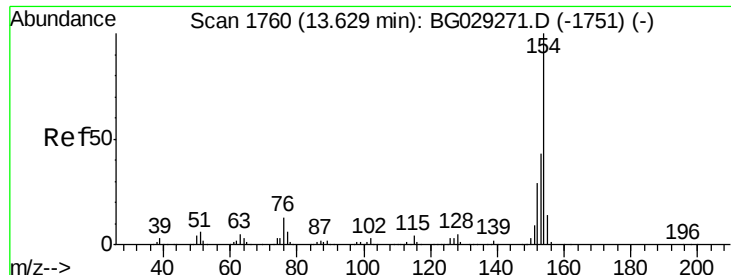
#44  
2-Fluorobiphenyl  
Concen: 81.78 ng  
RT: 13.42 min Scan# 1724  
Delta R.T. 0.00 min  
Lab File: BG029320.D  
Acq: 18 Oct 2017 4:04

Tgt Ion:172 Resp: 1152740  
Ion Ratio Lower Upper  
172 100  
171 39.2 30.0 45.0  
170 25.6 19.5 29.3



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

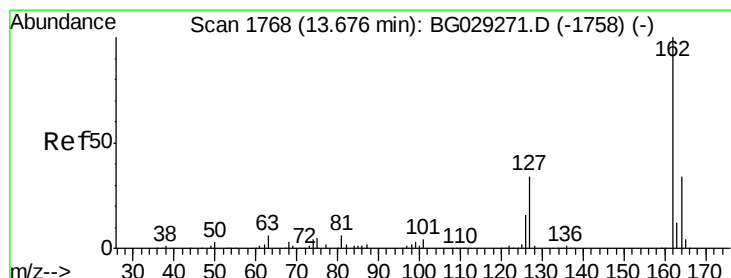
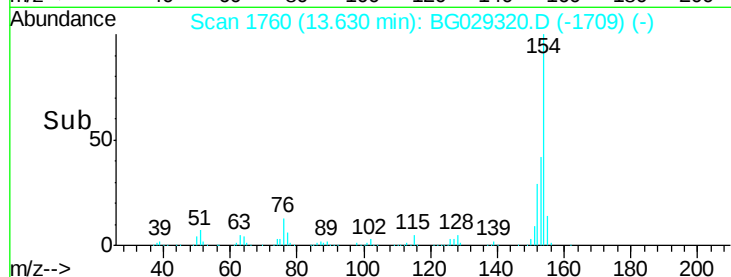
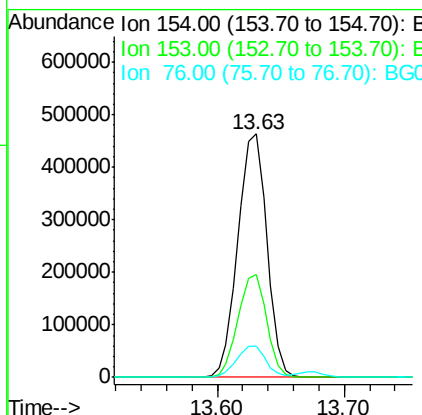
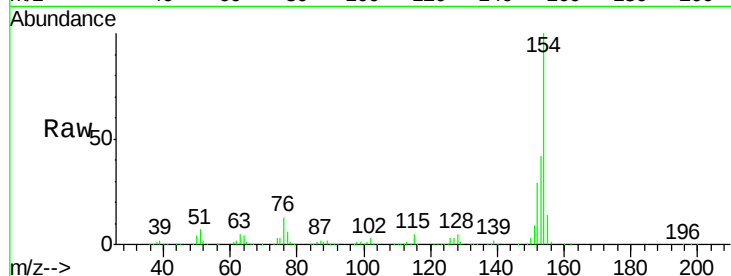




#45  
 1,1'-Biphenyl  
 Concen: 41.40 ng  
 RT: 13.63 min Scan# 1760  
 Delta R.T. 0.00 min  
 Lab File: BG029320.D  
 Acq: 18 Oct 2017 4:04

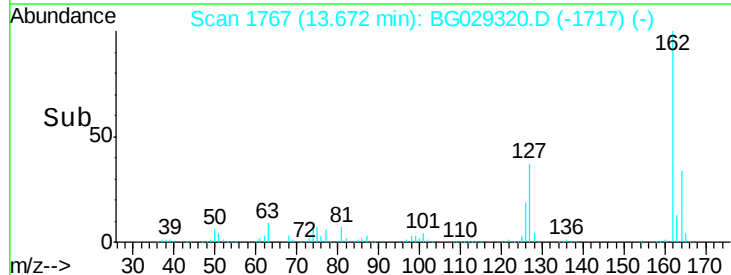
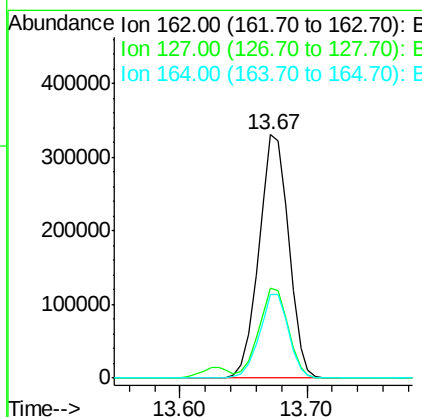
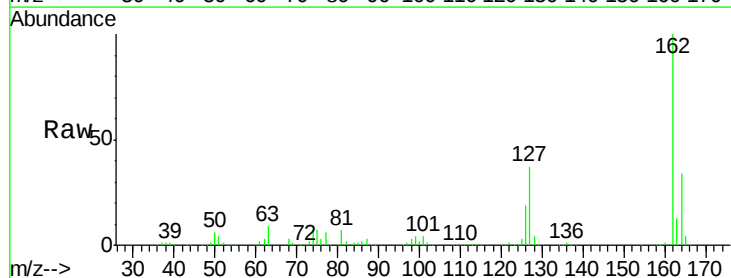
Instrument :  
 BNA\_G  
 ClientSampleId :

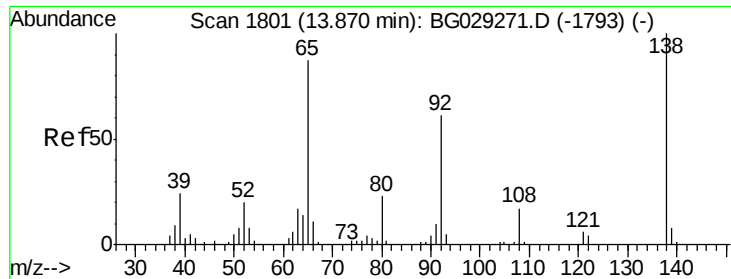
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 154   | Resp: | 735695 |
| Ion      | Ratio | Lower | Upper  |
| 154      | 100   |       |        |
| 153      | 42.3  | 19.8  | 59.8   |
| 76       | 12.6  | 0.0   | 31.9   |



#46  
 2-Chloronaphthalene  
 Concen: 41.71 ng  
 RT: 13.67 min Scan# 1767  
 Delta R.T. -0.00 min  
 Lab File: BG029320.D  
 Acq: 18 Oct 2017 4:04

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 162   | Resp: | 540578 |
| Ion      | Ratio | Lower | Upper  |
| 162      | 100   |       |        |
| 127      | 37.0  | 30.7  | 46.1   |
| 164      | 34.3  | 26.0  | 39.0   |

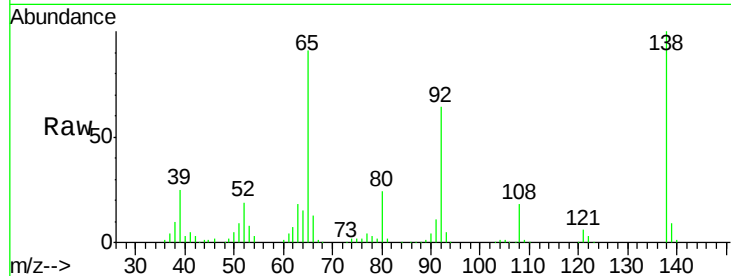




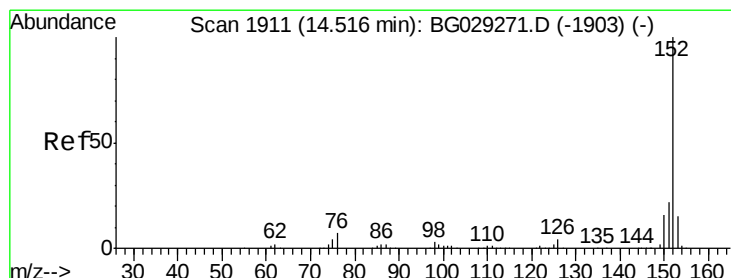
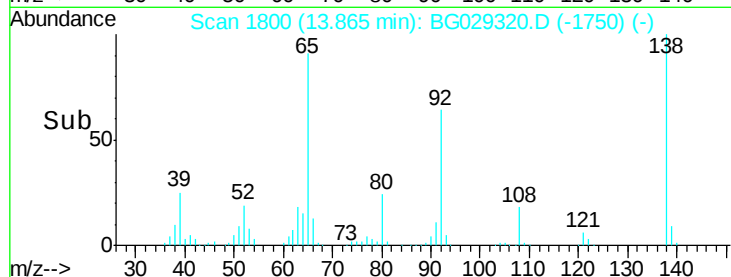
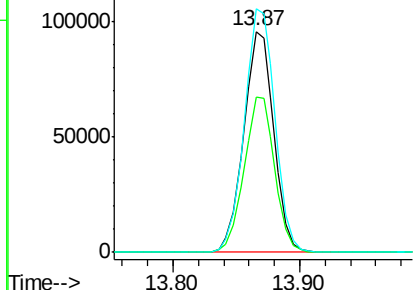
#47  
2-Nitroaniline  
Concen: 44.18 ng  
RT: 13.87 min Scan# 1800  
Delta R.T. -0.00 min  
Lab File: BG029320.D  
Acq: 18 Oct 2017 4:04

Instrument :  
BNA\_G  
ClientSampled :

Tot Ion: 65 Resp: 157289  
Ion Ratio Lower Upper  
65 100  
92 70.3 54.6 82.0  
138 110.4 72.9 109.3#

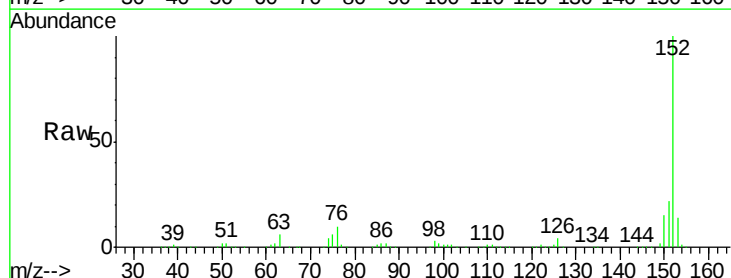


Abundance Ion 65.00 (64.70 to 65.70): BGC  
Ion 92.00 (91.70 to 92.70): BGC  
Ion 138.00 (137.70 to 138.70): BGC

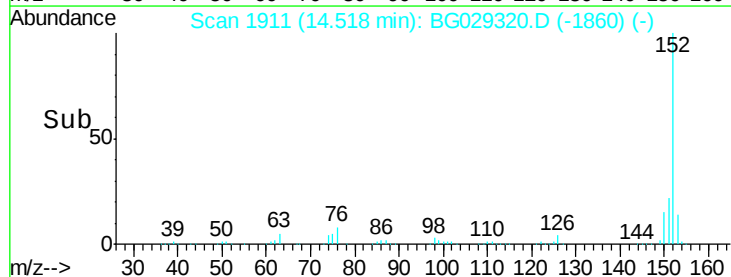
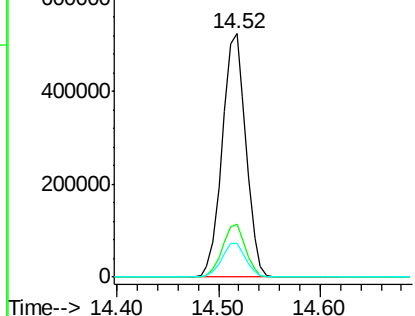


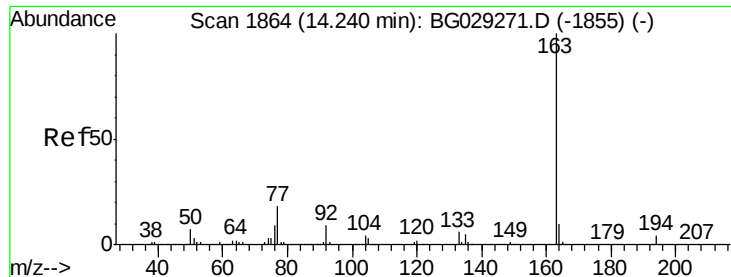
#48  
Acenaphthylene  
Concen: 41.70 ng  
RT: 14.52 min Scan# 1911  
Delta R.T. 0.00 min  
Lab File: BG029320.D  
Acq: 18 Oct 2017 4:04

Tgt Ion: 152 Resp: 845946  
Ion Ratio Lower Upper  
152 100  
151 21.6 17.2 25.8  
153 13.6 10.2 15.4



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





#49

Dimethylphthalate

Concen: 42.53 ng

RT: 14.24 min Scan# 1863

Delta R.T. -0.00 min

Lab File: BG029320.D

Acq: 18 Oct 2017 4:04

Instrument :

BNA\_G

ClientSampleId :

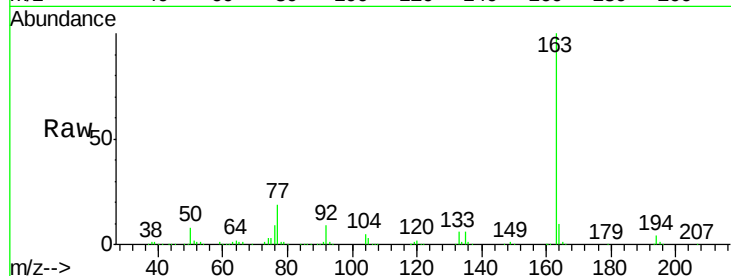
Tot Ion:163 Resp: 685976

Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.2

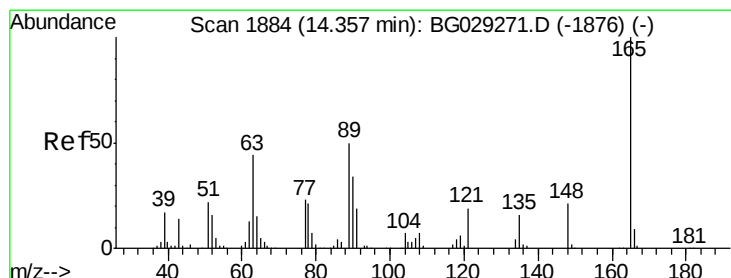
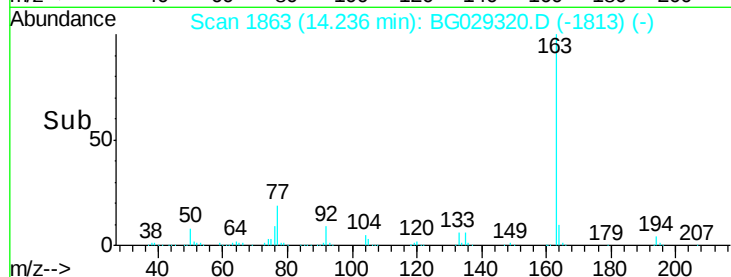
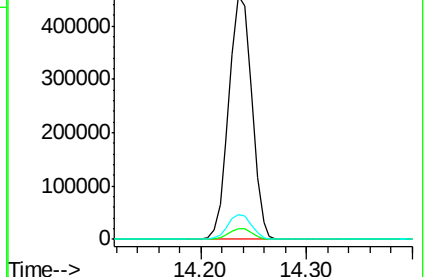
164 10.4 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 45.65 ng

RT: 14.36 min Scan# 1884

Delta R.T. 0.00 min

Lab File: BG029320.D

Acq: 18 Oct 2017 4:04

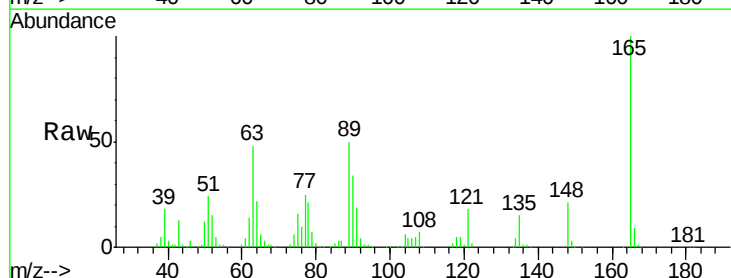
Tgt Ion:165 Resp: 154364

Ion Ratio Lower Upper

165 100

63 47.7 52.7 79.1#

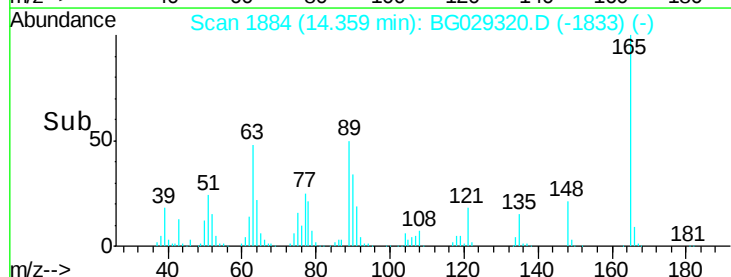
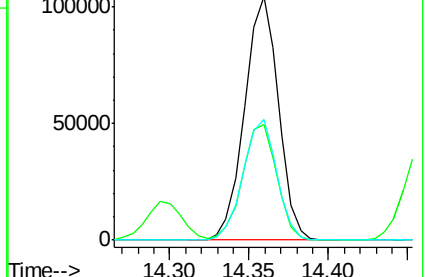
89 49.8 49.2 73.8

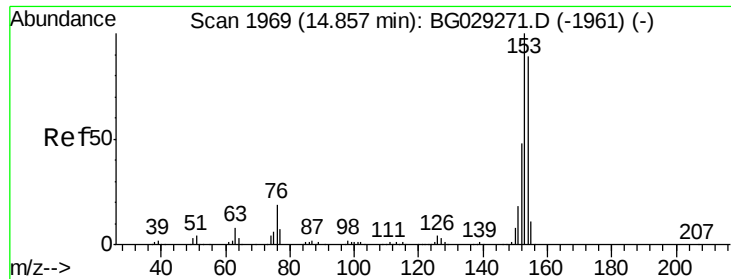


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 89.00 (88.70 to 89.70): BG0





#51

Acenaphthene

Concen: 39.25 ng

RT: 14.85 min Scan# 1968

Delta R.T. -0.00 min

Lab File: BG029320.D

Acq: 18 Oct 2017 4:04

Instrument :

BNA\_G

ClientSampleId :

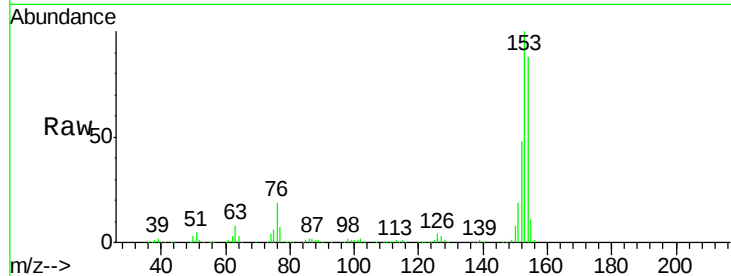
Tot Ion:154 Resp: 518061

Ion Ratio Lower Upper

154 100

153 113.6 90.4 135.6

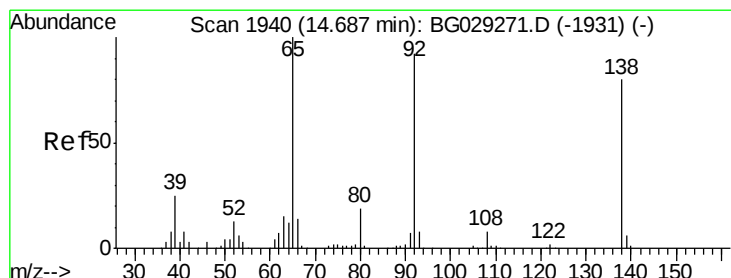
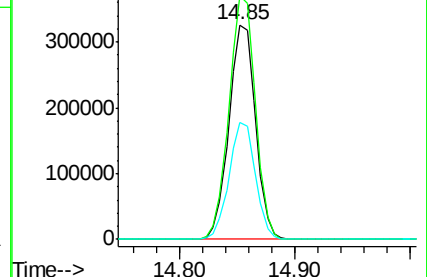
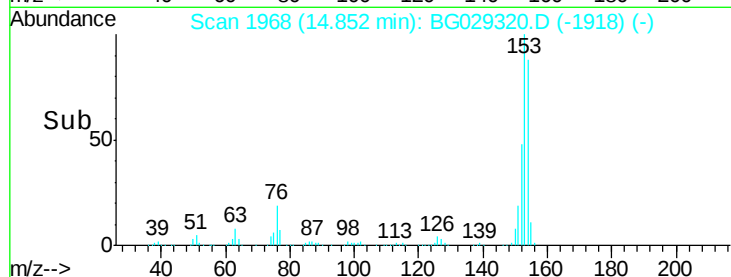
152 54.4 41.6 62.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 43.36 ng

RT: 14.69 min Scan# 1940

Delta R.T. 0.00 min

Lab File: BG029320.D

Acq: 18 Oct 2017 4:04

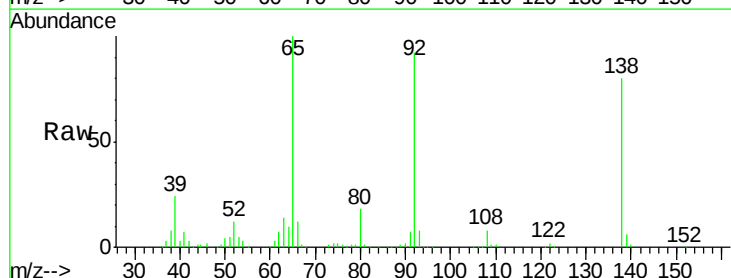
Tgt Ion:138 Resp: 158200

Ion Ratio Lower Upper

138 100

108 10.3 17.5 26.3#

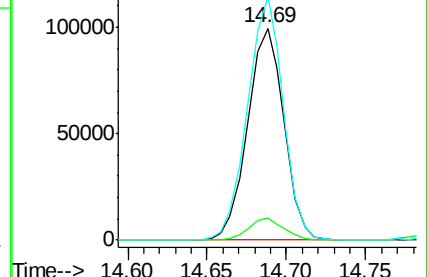
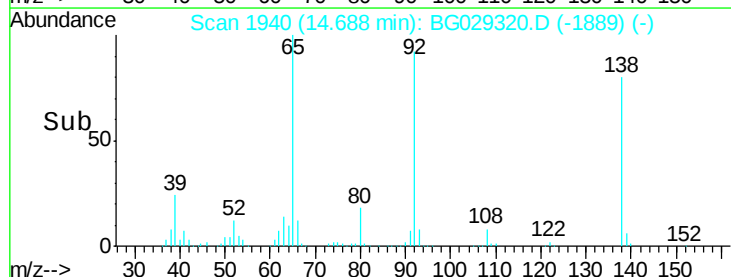
92 114.9 105.8 158.8

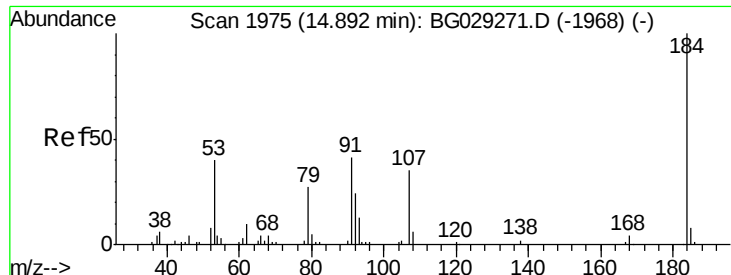


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

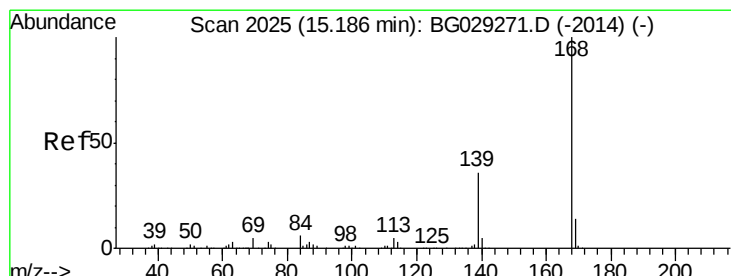
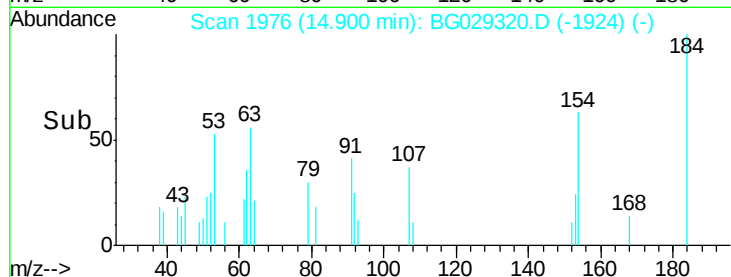
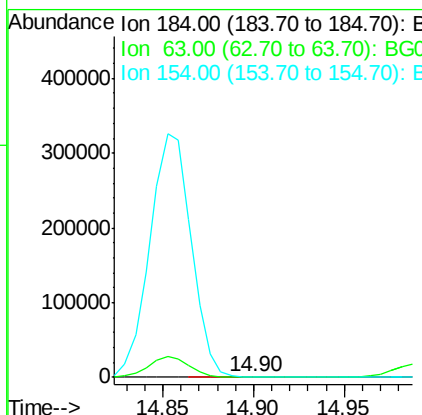
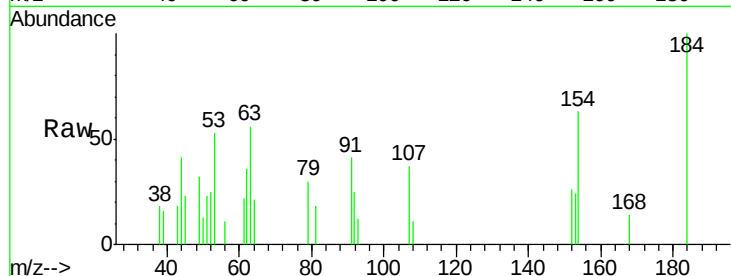




#53  
 2,4-Dinitrophenol  
 Concen: 7.88 ng  
 RT: 14.90 min Scan# 1976  
 Delta R.T. 0.01 min  
 Lab File: BG029320.D  
 Acq: 18 Oct 2017 4:04

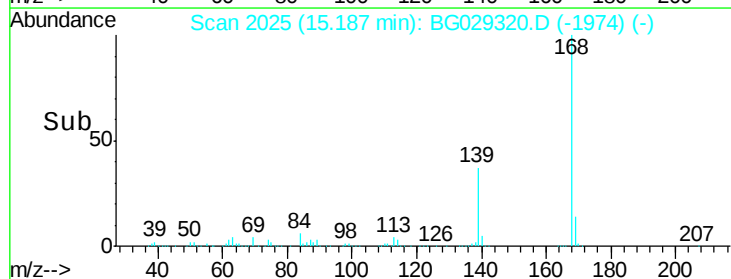
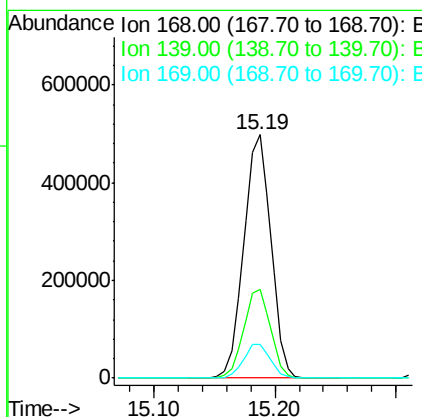
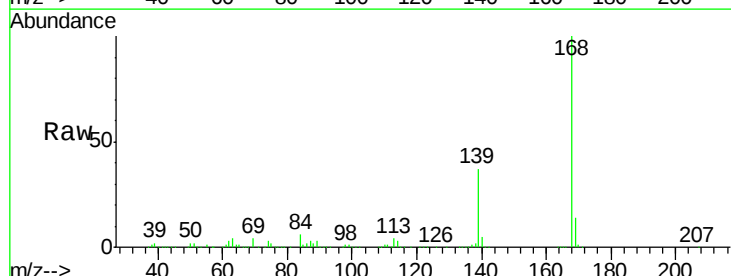
Instrument :  
 BNA\_G  
 ClientSampleId :

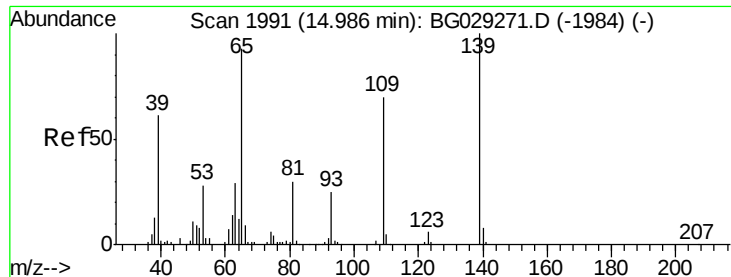
Tot Ion:184 Resp: 2541  
 Ion Ratio Lower Upper  
 184 100  
 63 56.1 59.8 89.8#  
 154 63.0 101.8 152.8#



#54  
 Dibenzofuran  
 Concen: 41.61 ng  
 RT: 15.19 min Scan# 2025  
 Delta R.T. 0.00 min  
 Lab File: BG029320.D  
 Acq: 18 Oct 2017 4:04

Tgt Ion:168 Resp: 784060  
 Ion Ratio Lower Upper  
 168 100  
 139 36.7 28.6 43.0  
 169 13.9 11.2 16.8

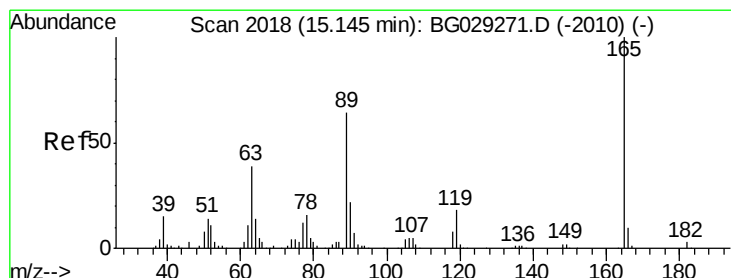
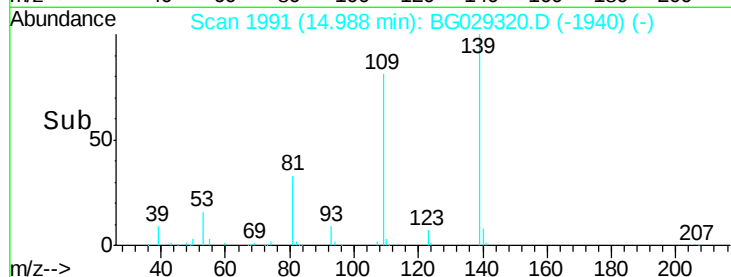
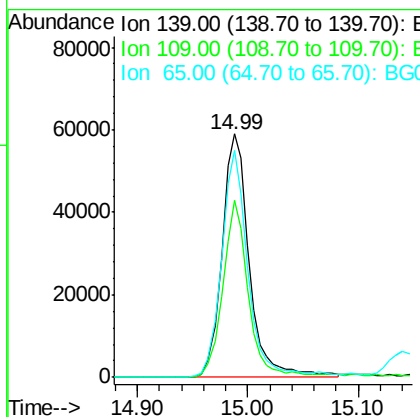
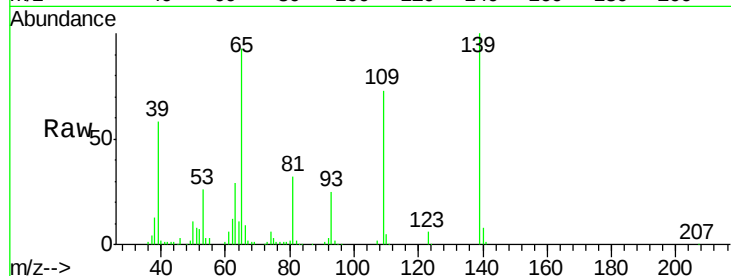




#55  
4-Nitrophenol  
Concen: 33.71 ng  
RT: 14.99 min Scan# 1991  
Delta R.T. 0.00 min  
Lab File: BG029320.D  
Acq: 18 Oct 2017 4:04

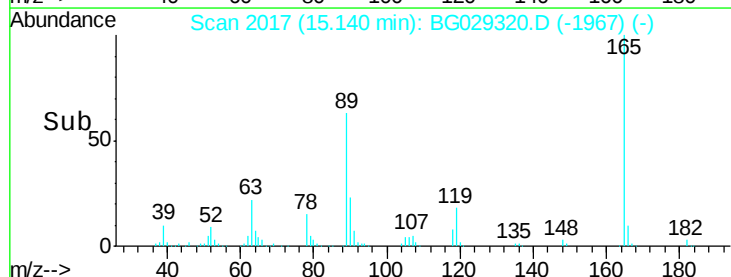
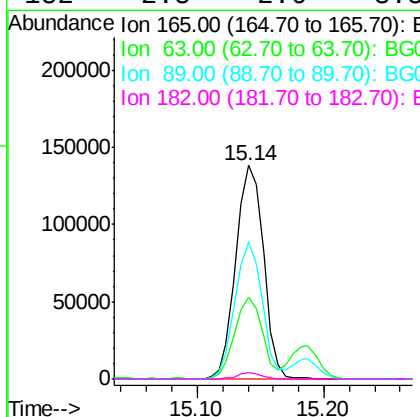
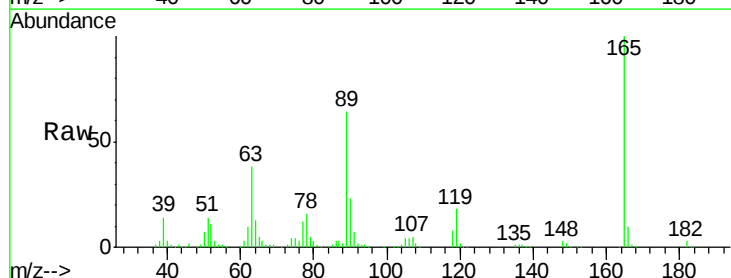
Instrument :  
BNA\_G  
ClientSampleId :

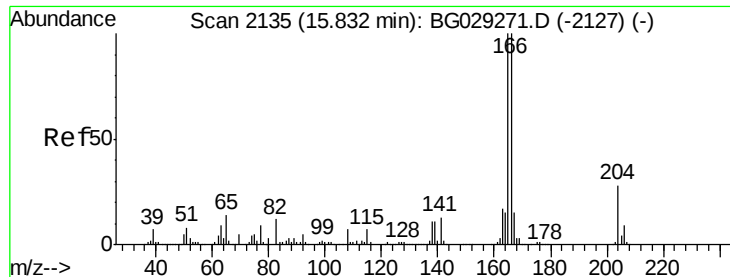
Tot Ion:139 Resp: 101403  
Ion Ratio Lower Upper  
139 100  
109 72.7 62.2 102.2  
65 93.4 97.2 137.2#



#56  
2,4-Dinitrotoluene  
Concen: 45.72 ng  
RT: 15.14 min Scan# 2017  
Delta R.T. -0.00 min  
Lab File: BG029320.D  
Acq: 18 Oct 2017 4:04

Tgt Ion:165 Resp: 209290  
Ion Ratio Lower Upper  
165 100  
63 38.1 42.0 63.0#  
89 64.2 66.9 100.3#  
182 2.8 2.6 3.8

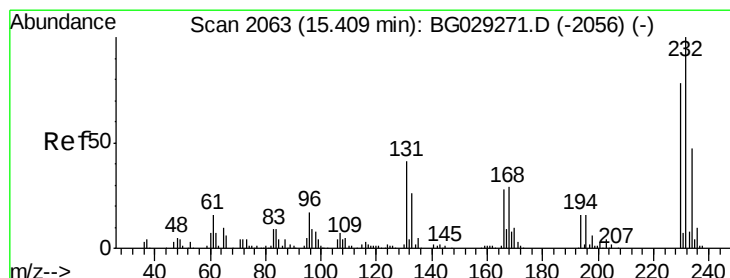
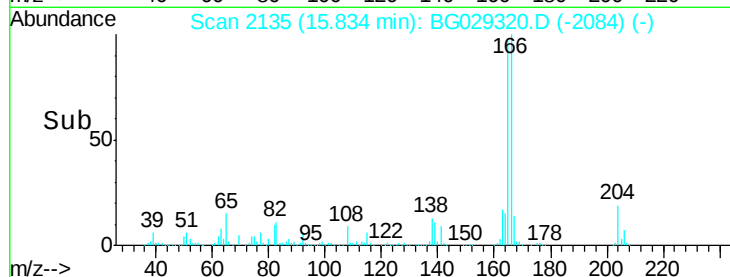
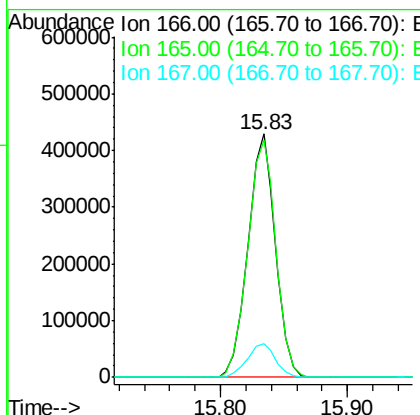
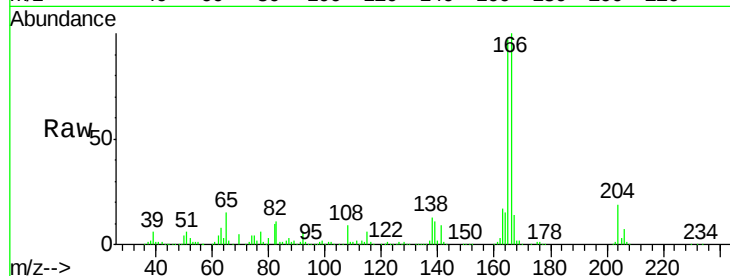




#57  
**Fluorene**  
 Concen: 41.36 ng  
 RT: 15.83 min Scan# 2135  
 Delta R.T. 0.00 min  
 Lab File: BG029320.D  
 Acq: 18 Oct 2017 4:04

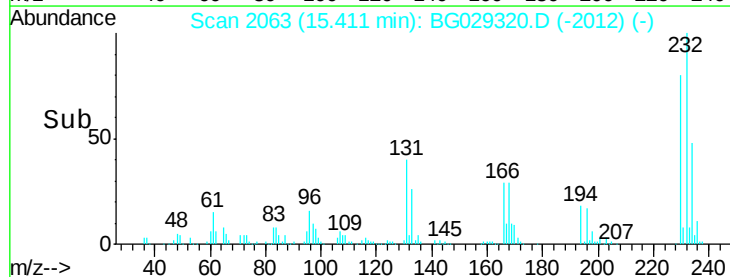
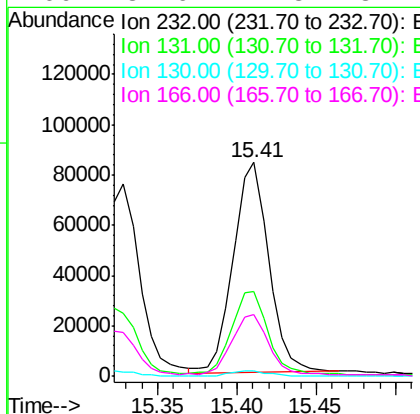
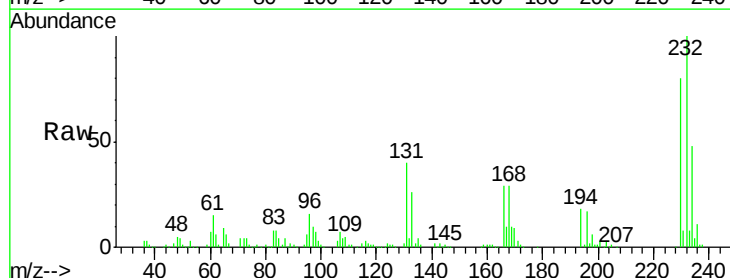
Instrument :  
 BNA\_G  
 ClientSampled :

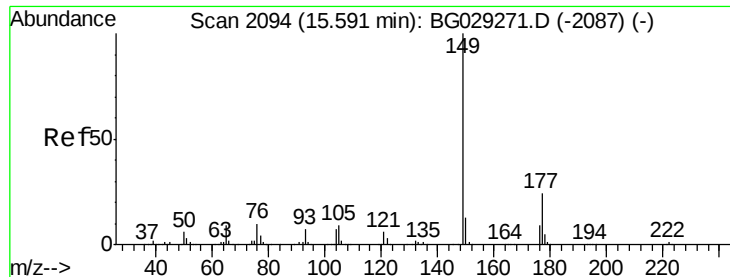
Tot Ion:166 Resp: 643834  
 Ion Ratio Lower Upper  
 166 100  
 165 97.2 80.6 121.0  
 167 13.8 10.4 15.6



#58  
**2,3,4,6-Tetrachlorophenol**  
 Concen: 31.98 ng  
 RT: 15.41 min Scan# 2063  
 Delta R.T. 0.00 min  
 Lab File: BG029320.D  
 Acq: 18 Oct 2017 4:04

Tgt Ion:232 Resp: 129848  
 Ion Ratio Lower Upper  
 232 100  
 131 42.0 33.5 50.3  
 130 2.4 2.2 3.2  
 166 32.6 24.8 37.2

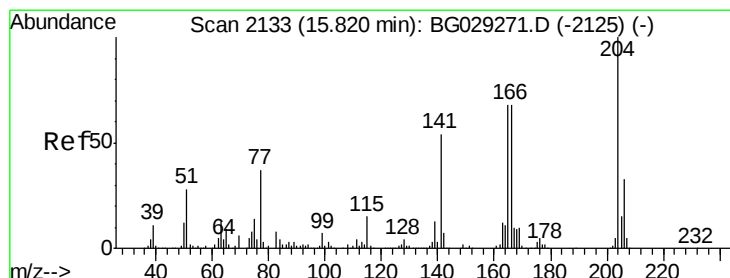
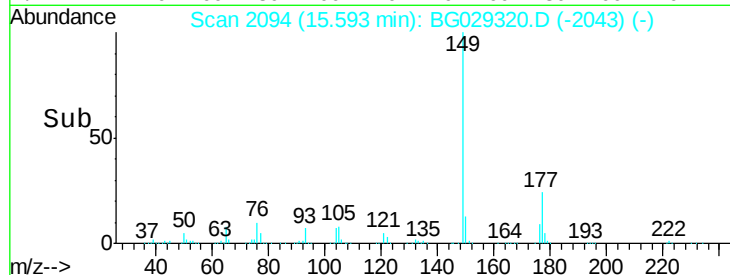
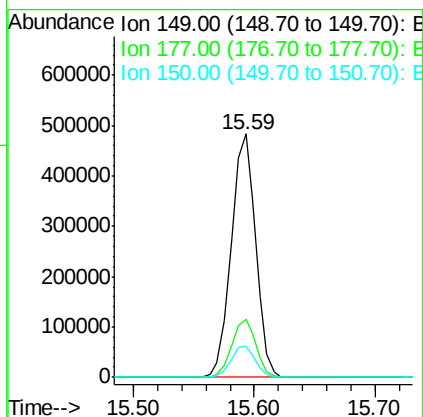
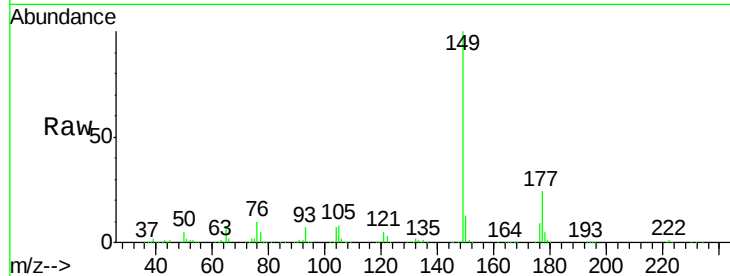




#59  
Diethylphthalate  
Concen: 42.24 ng  
RT: 15.59 min Scan# 2094  
Delta R.T. 0.00 min  
Lab File: BG029320.D  
Acq: 18 Oct 2017 4:04

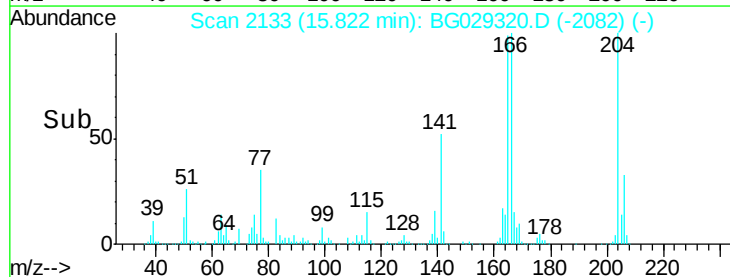
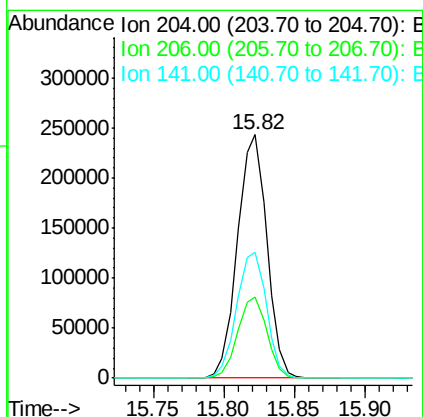
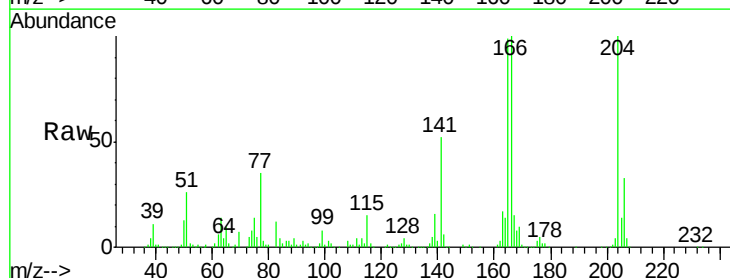
Instrument :  
BNA\_G  
ClientSampleId :

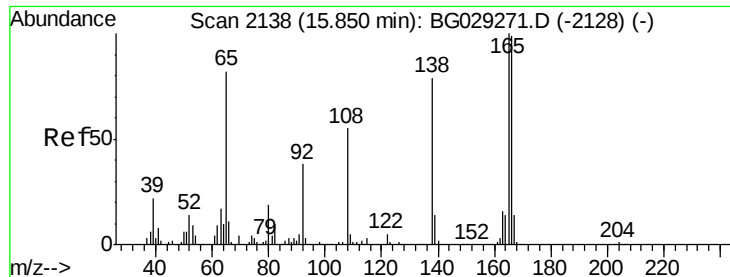
Tot Ion:149 Resp: 678957  
Ion Ratio Lower Upper  
149 100  
177 23.7 18.5 27.7  
150 13.0 10.2 15.2



#60  
4-Chlorophenyl-phenylether  
Concen: 42.59 ng  
RT: 15.82 min Scan# 2133  
Delta R.T. 0.00 min  
Lab File: BG029320.D  
Acq: 18 Oct 2017 4:04

Tgt Ion:204 Resp: 353464  
Ion Ratio Lower Upper  
204 100  
206 33.4 26.2 39.2  
141 51.6 45.8 68.6

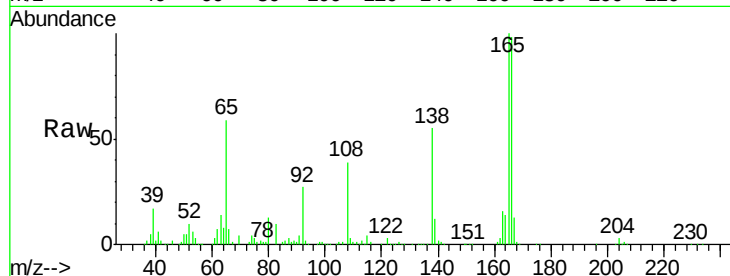




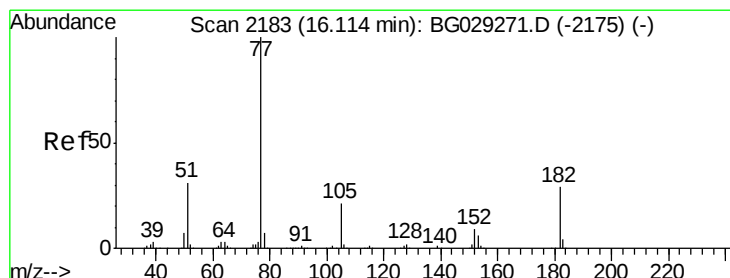
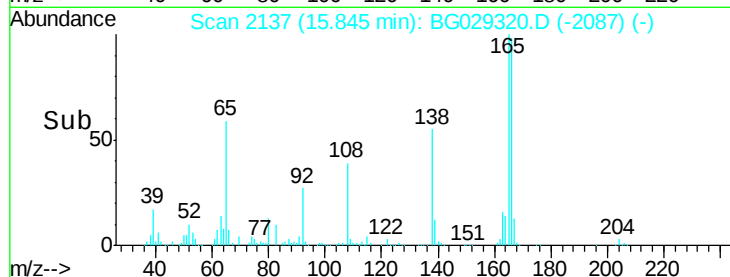
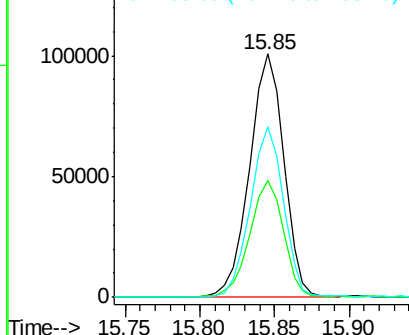
#61  
4-Nitroaniline  
Concen: 42.72 ng  
RT: 15.85 min Scan# 2137  
Delta R.T. -0.00 min  
Lab File: BG029320.D  
Acq: 18 Oct 2017 4:04

Instrument :  
BNA\_G  
ClientSampleId :

Tot Ion:138 Resp: 160039  
Ion Ratio Lower Upper  
138 100  
92 48.0 40.1 80.1  
108 69.9 65.4 105.4

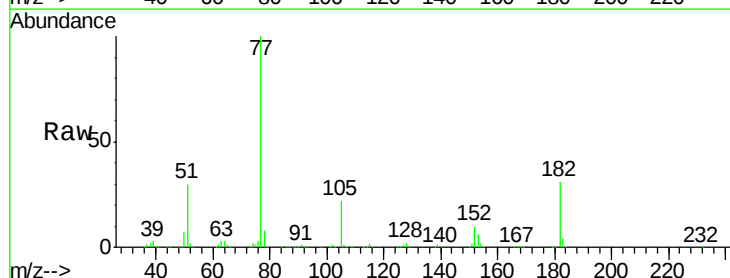


Abundance Ion 138.00 (137.70 to 138.70): E  
Ion 92.00 (91.70 to 92.70): BGC  
Ion 108.00 (107.70 to 108.70): E

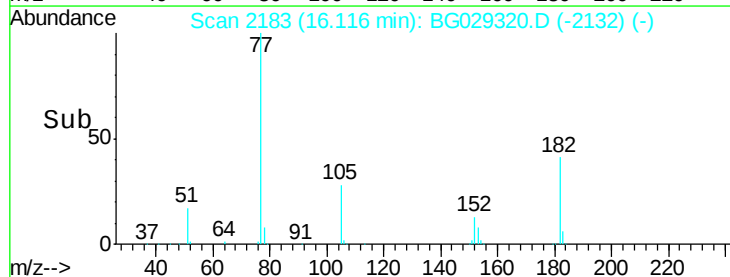
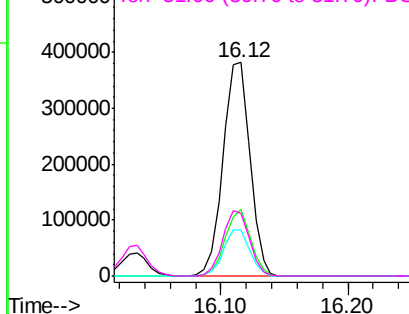


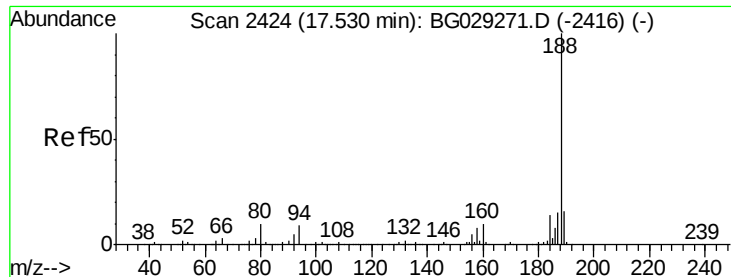
#62  
Azobenzene  
Concen: 41.43 ng  
RT: 16.12 min Scan# 2183  
Delta R.T. 0.00 min  
Lab File: BG029320.D  
Acq: 18 Oct 2017 4:04

Tgt Ion: 77 Resp: 561568  
Ion Ratio Lower Upper  
77 100  
182 31.3 7.4 47.4  
105 21.8 0.3 40.3  
51 29.5 11.6 51.6



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

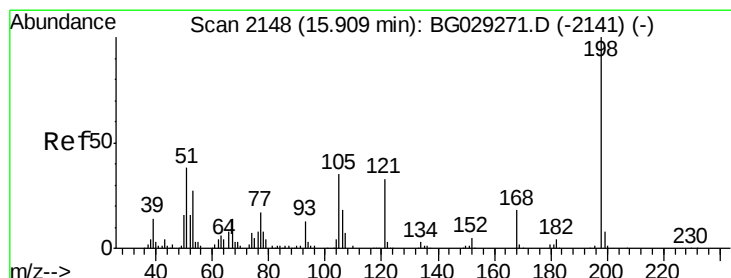
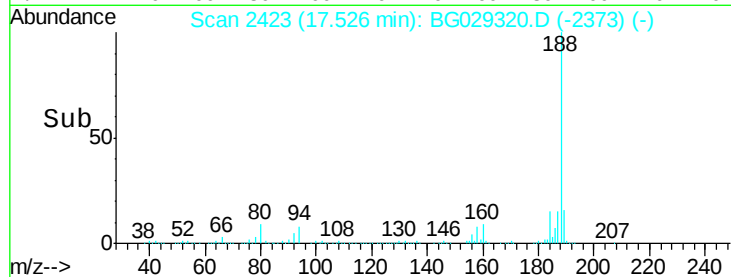
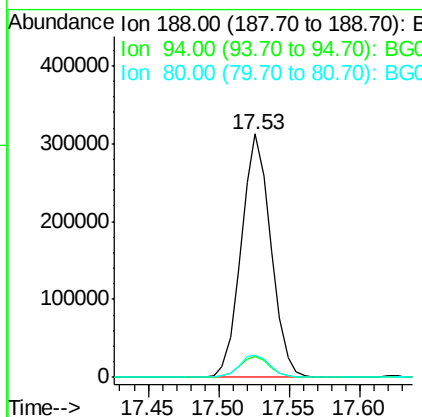
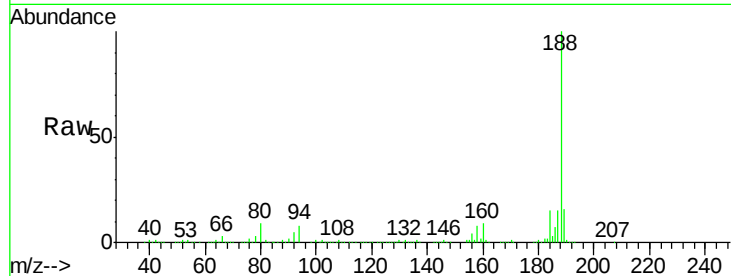




#63  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 17.53 min Scan# 2423  
Delta R.T. -0.00 min  
Lab File: BG029320.D  
Acq: 18 Oct 2017 4:04

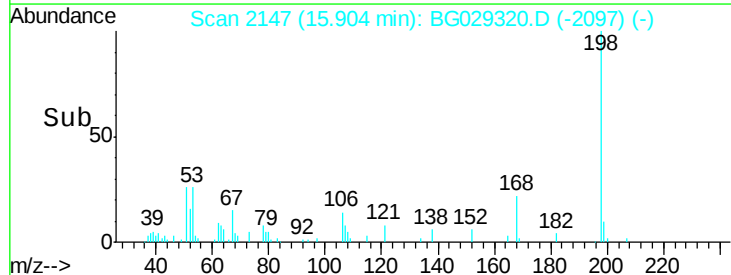
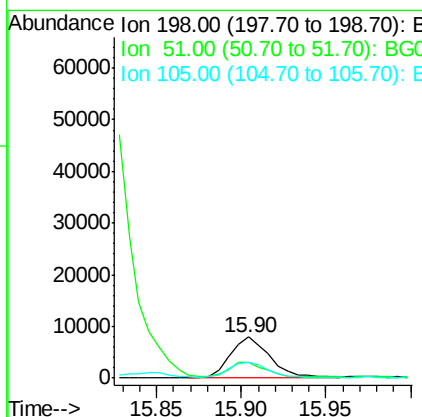
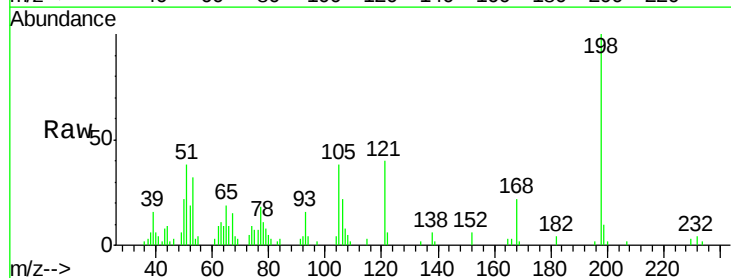
Instrument :  
BNA\_G  
ClientSampleId :

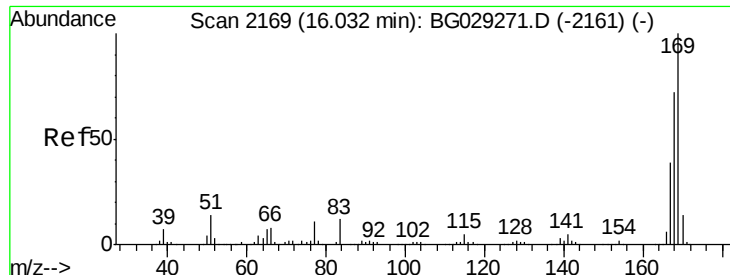
Tot Ion:188 Resp: 458221  
Ion Ratio Lower Upper  
188 100  
94 8.5 6.9 10.3  
80 9.1 7.7 11.5



#64  
4,6-Dinitro-2-methylphenol  
Concen: 9.50 ng  
RT: 15.90 min Scan# 2147  
Delta R.T. -0.00 min  
Lab File: BG029320.D  
Acq: 18 Oct 2017 4:04

Tgt Ion:198 Resp: 13084  
Ion Ratio Lower Upper  
198 100  
51 38.2 30.6 70.6  
105 38.4 23.8 63.8

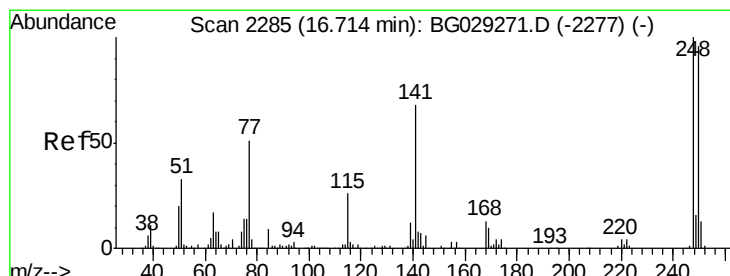
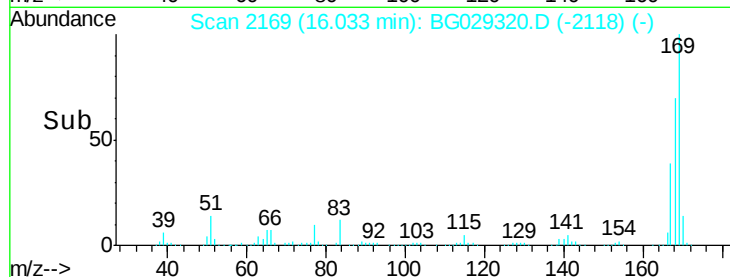
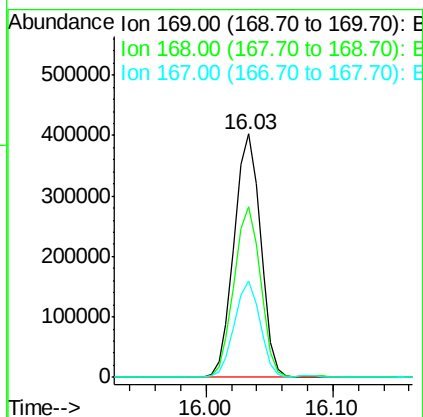
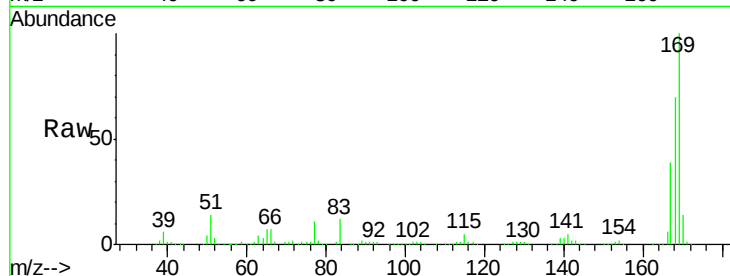




#65  
 n-Nitrosodiphenylamine  
 Concen: 42.46 ng  
 RT: 16.03 min Scan# 2169  
 Delta R.T. 0.00 min  
 Lab File: BG029320.D  
 Acq: 18 Oct 2017 4:04

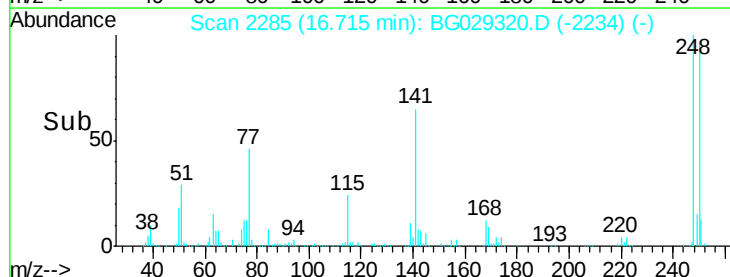
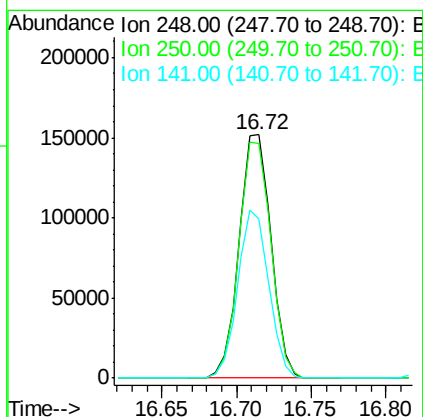
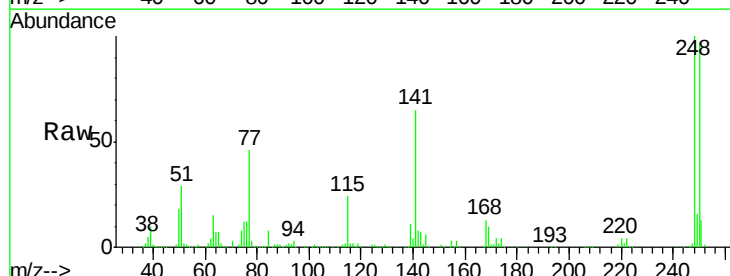
Instrument :  
 BNA\_G  
 ClientSampleId :

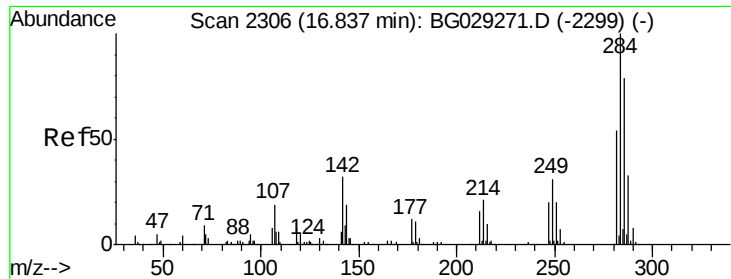
Tot Ion:169 Resp: 582869  
 Ion Ratio Lower Upper  
 169 100  
 168 69.9 55.7 83.5  
 167 39.4 30.1 45.1



#66  
 4-Bromophenyl-phenylether  
 Concen: 42.85 ng  
 RT: 16.72 min Scan# 2285  
 Delta R.T. 0.00 min  
 Lab File: BG029320.D  
 Acq: 18 Oct 2017 4:04

Tgt Ion:248 Resp: 225306  
 Ion Ratio Lower Upper  
 248 100  
 250 96.6 77.1 115.7  
 141 65.3 50.8 76.2

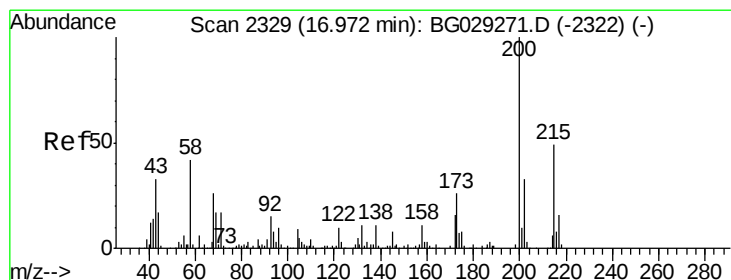
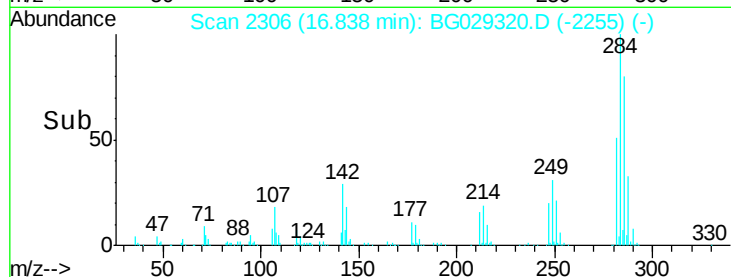
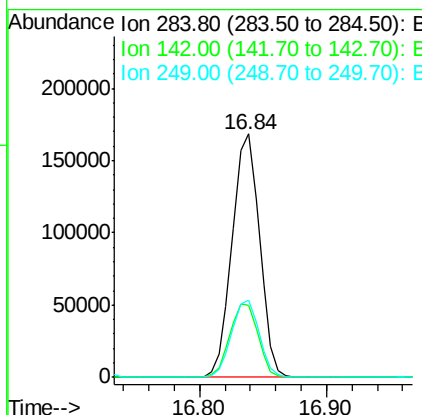
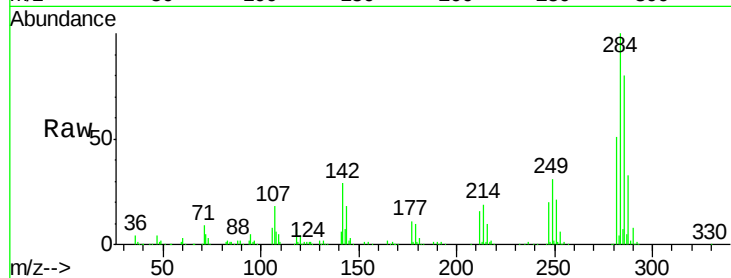




#67  
Hexachlorobenzene  
Concen: 42.27 ng  
RT: 16.84 min Scan# 2306  
Delta R.T. 0.00 min  
Lab File: BG029320.D  
Acq: 18 Oct 2017 4:04

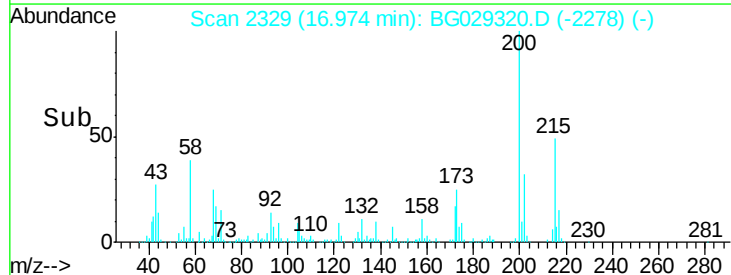
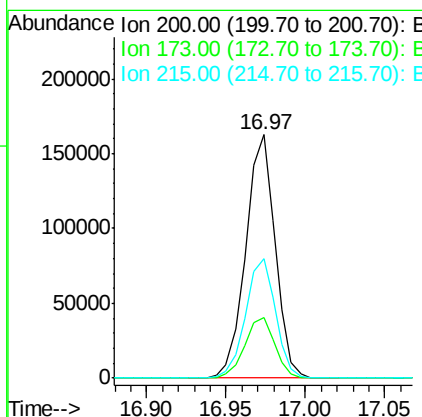
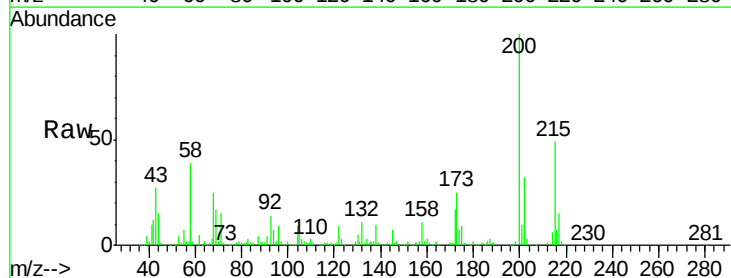
Instrument :  
BNA\_G  
ClientSampled :

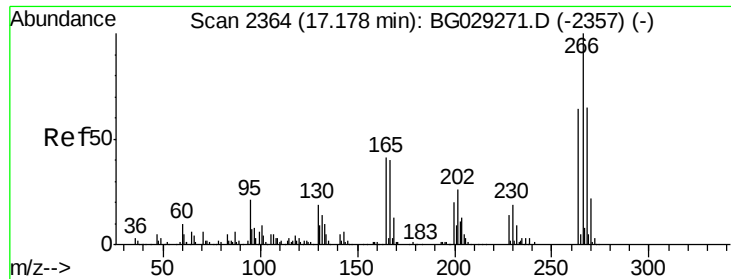
Tot Ion:284 Resp: 251746  
Ion Ratio Lower Upper  
284 100  
142 29.4 26.8 40.2  
249 31.5 26.3 39.5



#68  
Atrazine  
Concen: 42.73 ng  
RT: 16.97 min Scan# 2329  
Delta R.T. 0.00 min  
Lab File: BG029320.D  
Acq: 18 Oct 2017 4:04

Tgt Ion:200 Resp: 209297  
Ion Ratio Lower Upper  
200 100  
173 24.8 5.2 45.2  
215 49.0 30.4 70.4

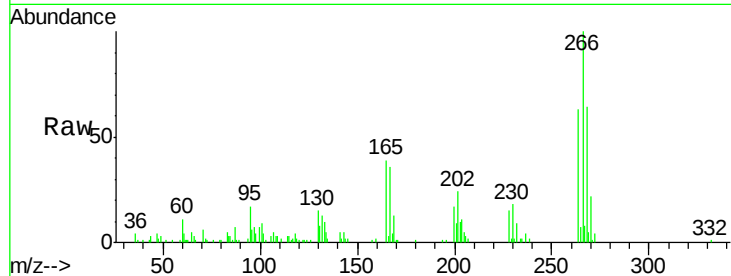




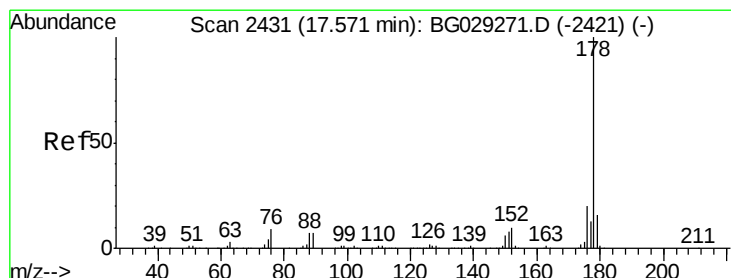
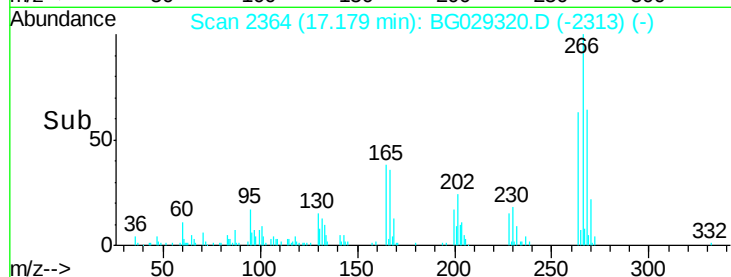
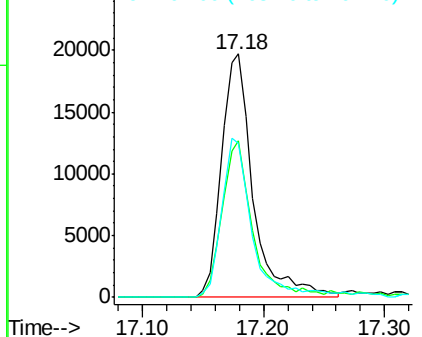
#69  
 Pentachlorophenol  
 Concen: 10.45 ng  
 RT: 17.18 min Scan# 2364  
 Delta R.T. 0.00 min  
 Lab File: BG029320.D  
 Acq: 18 Oct 2017 4:04

Instrument :  
 BNA\_G  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 64.2  | 51.1  | 76.7  |
| 264     | 63.3  | 49.6  | 74.4  |

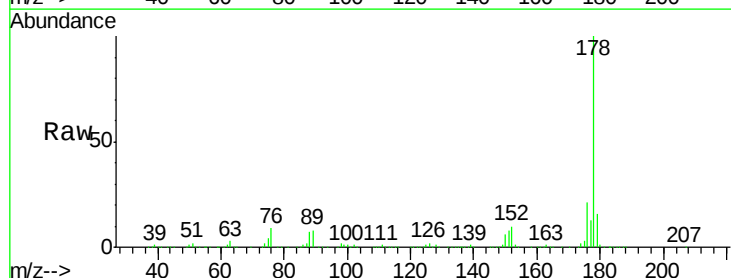


Abundance Ion 265.70 (265.40 to 266.40): E  
 Ion 268.00 (267.70 to 268.70): E  
 Ion 264.00 (263.70 to 264.70): E

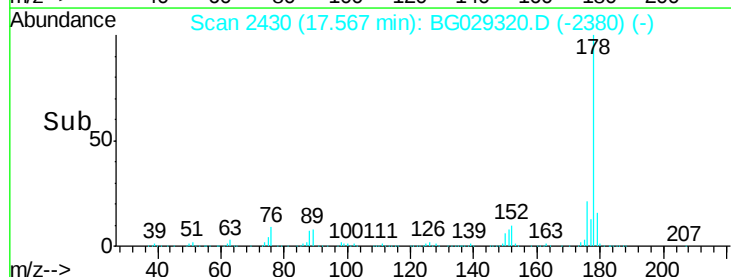
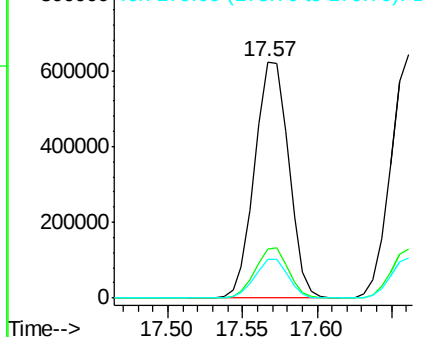


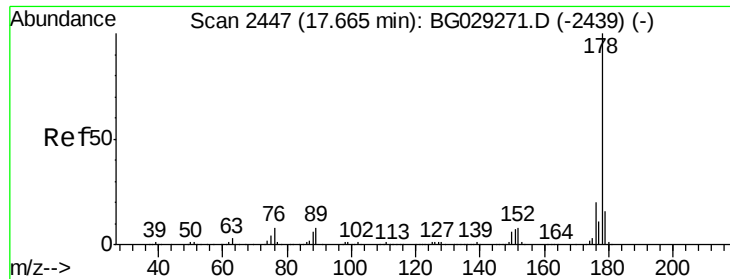
#70  
 Phenanthrene  
 Concen: 41.51 ng  
 RT: 17.57 min Scan# 2430  
 Delta R.T. -0.00 min  
 Lab File: BG029320.D  
 Acq: 18 Oct 2017 4:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 20.9  | 15.7  | 23.5  |
| 179     | 16.3  | 12.5  | 18.7  |



Abundance Ion 178.00 (177.70 to 178.70): E  
 Ion 176.00 (175.70 to 176.70): E  
 Ion 179.00 (178.70 to 179.70): E

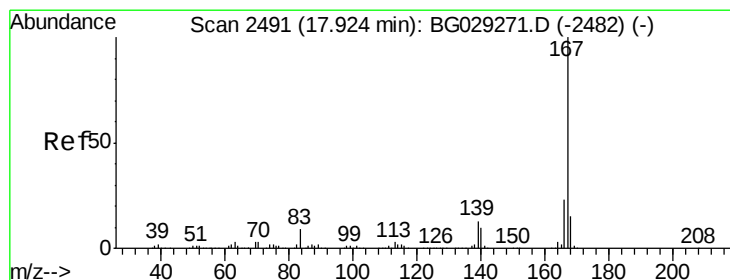
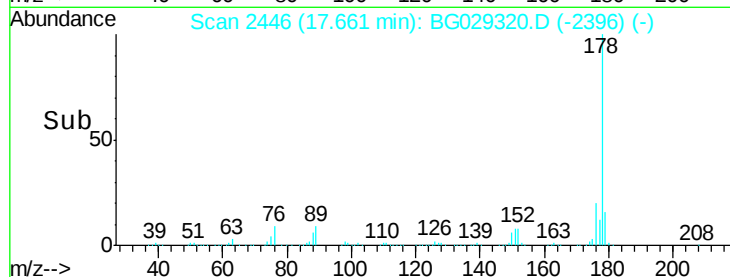
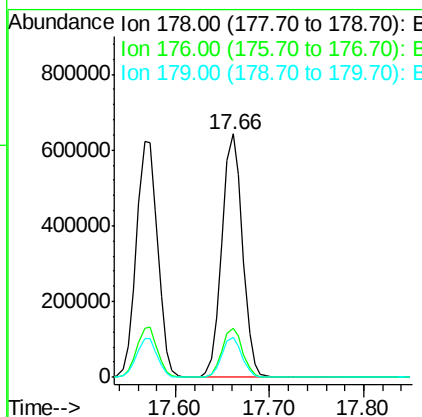
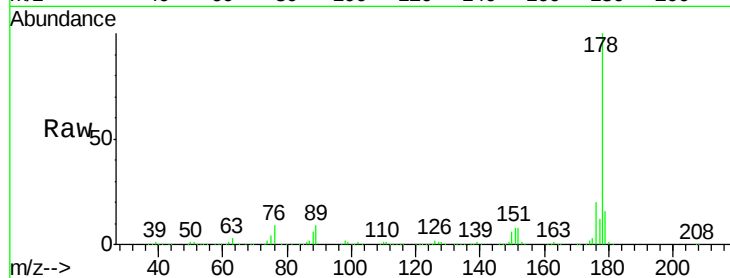




#71  
 Anthracene  
 Concen: 41.39 ng  
 RT: 17.66 min Scan# 2446  
 Delta R.T. -0.00 min  
 Lab File: BG029320.D  
 Acq: 18 Oct 2017 4:04

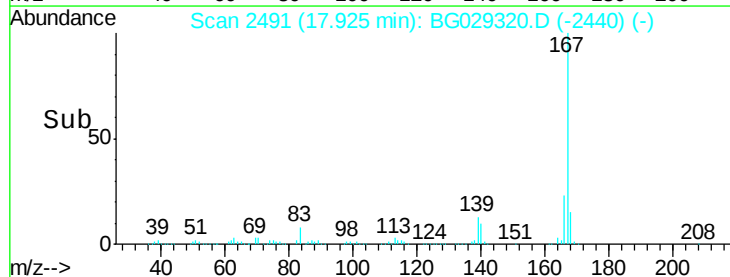
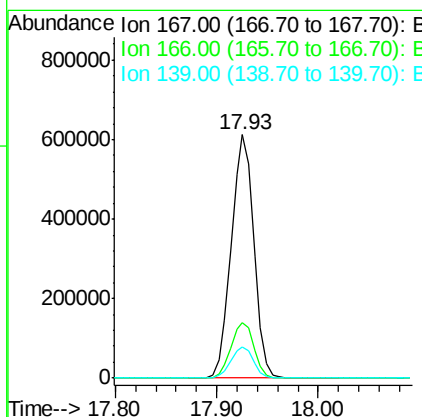
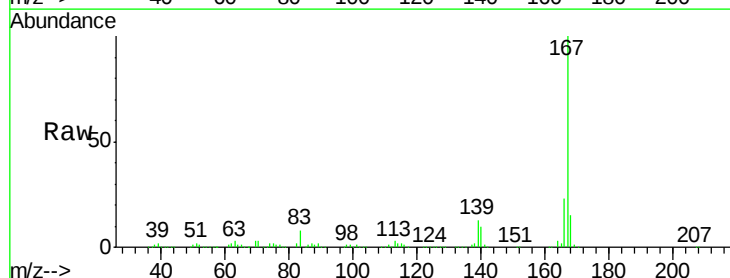
Instrument :  
 BNA\_G  
 ClientSampleId :

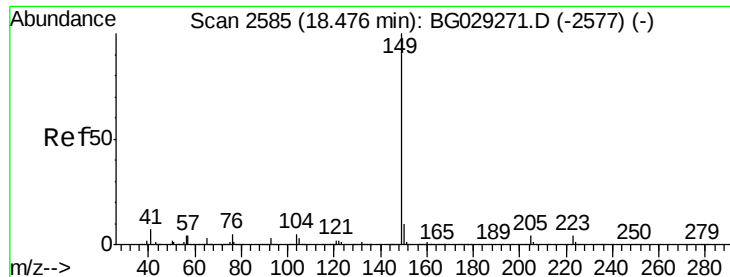
Tot Ion:178 Resp: 983714  
 Ion Ratio Lower Upper  
 178 100  
 176 20.4 16.0 24.0  
 179 16.4 12.5 18.7



#72  
 Carbazole  
 Concen: 41.33 ng  
 RT: 17.93 min Scan# 2491  
 Delta R.T. 0.00 min  
 Lab File: BG029320.D  
 Acq: 18 Oct 2017 4:04

Tgt Ion:167 Resp: 943622  
 Ion Ratio Lower Upper  
 167 100  
 166 22.9 18.2 27.4  
 139 12.6 9.4 14.2

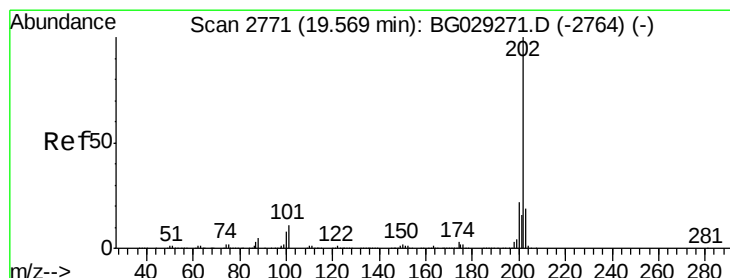
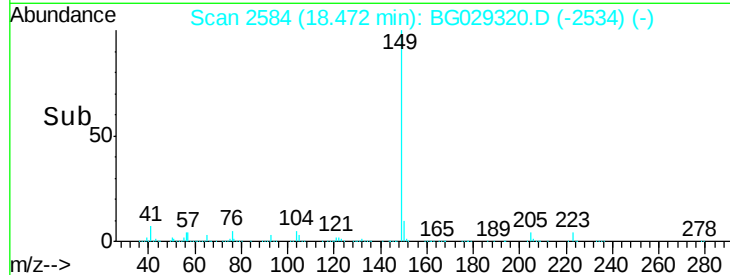
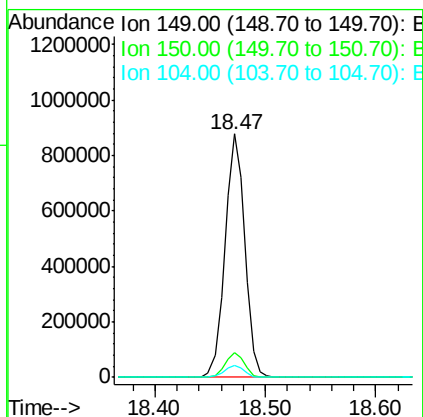
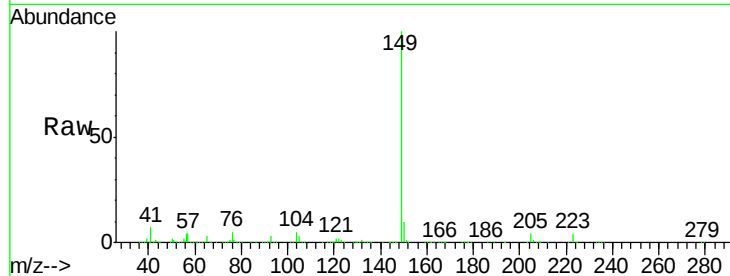




#73  
Di-n-butylphthalate  
Concen: 41.83 ng  
RT: 18.47 min Scan# 2584  
Delta R.T. -0.00 min  
Lab File: BG029320.D  
Acq: 18 Oct 2017 4:04

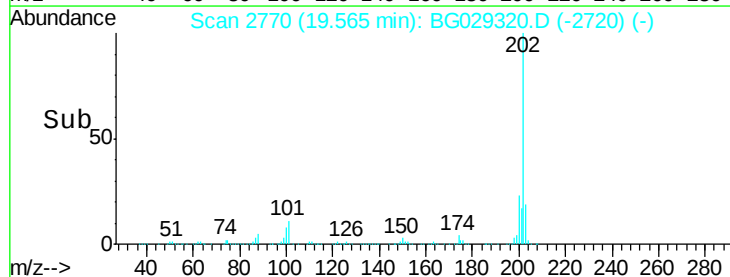
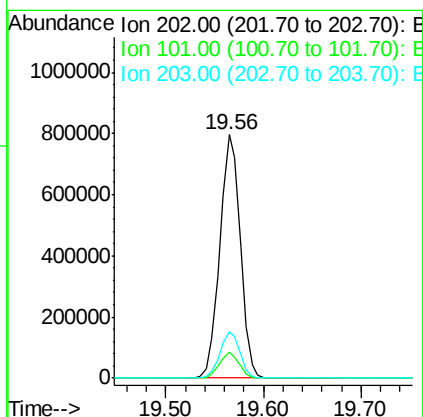
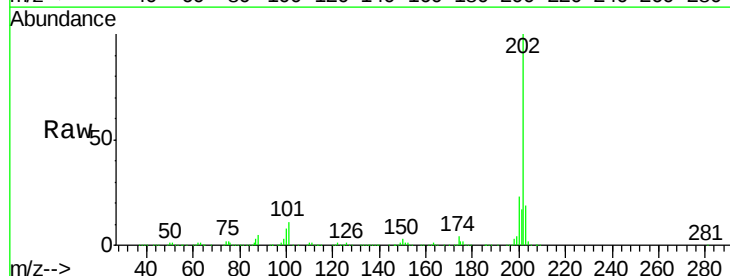
Instrument :  
BNA\_G  
ClientSampleId :

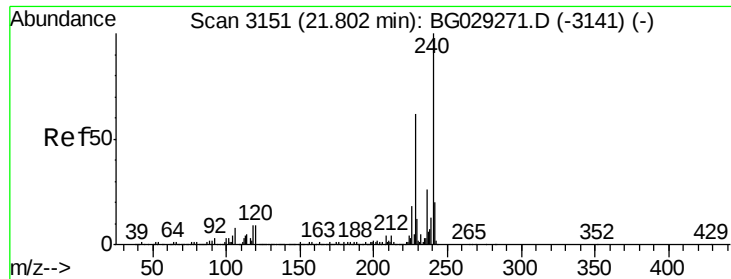
Tot Ion:149 Resp: 1098420  
Ion Ratio Lower Upper  
149 100  
150 10.1 7.8 11.6  
104 5.0 3.9 5.9



#74  
Fluoranthene  
Concen: 41.53 ng  
RT: 19.56 min Scan# 2770  
Delta R.T. -0.00 min  
Lab File: BG029320.D  
Acq: 18 Oct 2017 4:04

Tgt Ion:202 Resp: 1149888  
Ion Ratio Lower Upper  
202 100  
101 10.8 0.0 28.9  
203 18.9 0.0 37.5

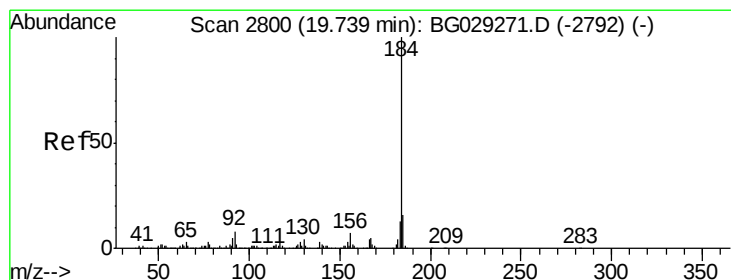
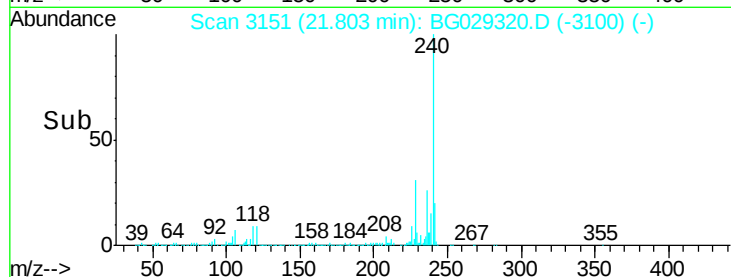
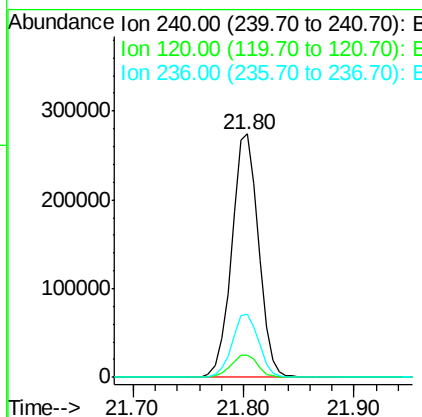
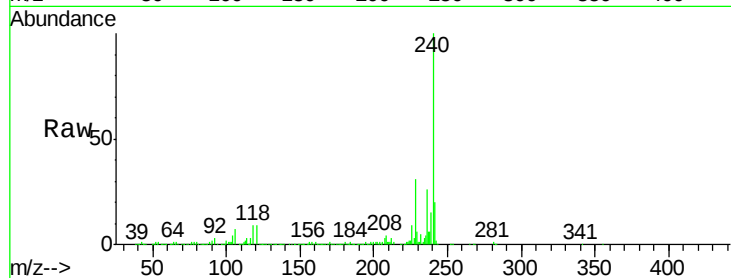




#75  
 Chrysene-d12  
 Concen: 20.00 ng  
 RT: 21.80 min Scan# 3151  
 Delta R.T. 0.00 min  
 Lab File: BG029320.D  
 Acq: 18 Oct 2017 4:04

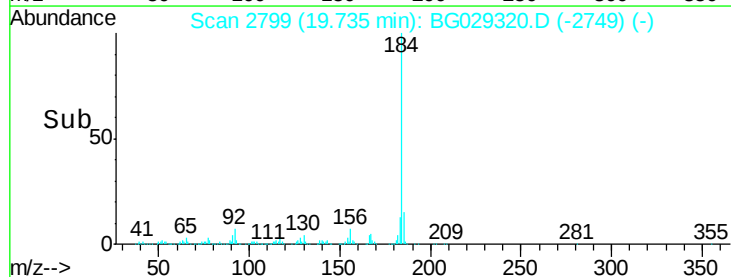
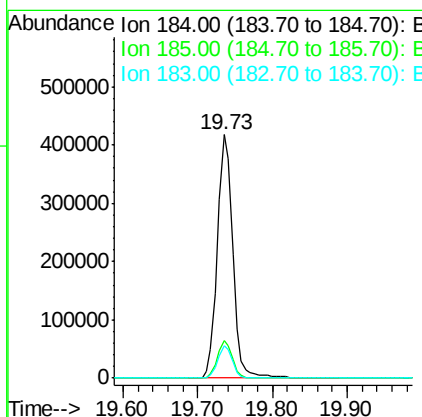
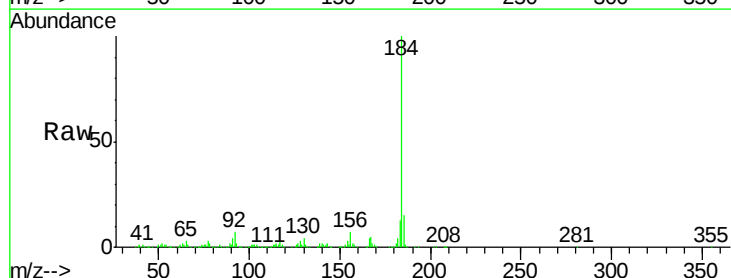
Instrument :  
 BNA\_G  
 ClientSampleId :

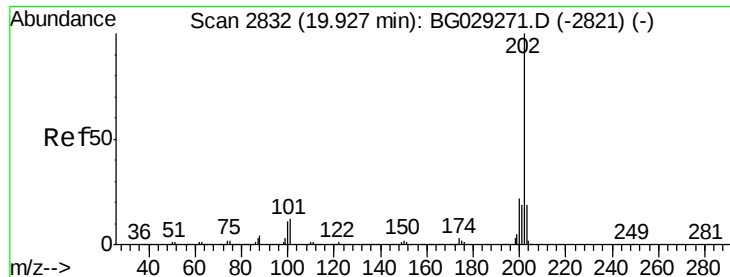
Tot Ion:240 Resp: 467333  
 Ion Ratio Lower Upper  
 240 100  
 120 9.4 6.8 10.2  
 236 26.1 20.9 31.3



#76  
 Benzidine  
 Concen: 42.39 ng  
 RT: 19.73 min Scan# 2799  
 Delta R.T. -0.00 min  
 Lab File: BG029320.D  
 Acq: 18 Oct 2017 4:04

Tgt Ion:184 Resp: 598153  
 Ion Ratio Lower Upper  
 184 100  
 185 15.4 11.1 16.7  
 183 13.3 10.6 16.0





#77

Pvrene

Concen: 41.65 ng

RT: 19.93 min Scan# 2832

Delta R.T. 0.00 min

Lab File: BG029320.D

Acq: 18 Oct 2017 4:04

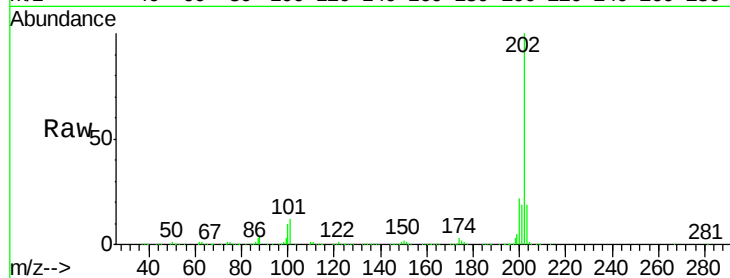
Instrument :

BNA\_G

ClientSampleId :

Tot Ion:202 Resp: 1180619

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 202 | 100   |       |       |
| 200 | 22.5  | 16.9  | 25.3  |
| 203 | 19.0  | 13.9  | 20.9  |

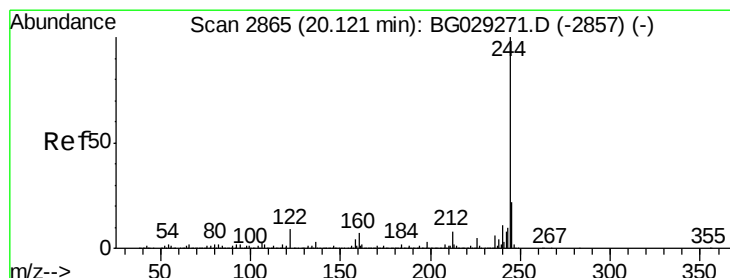
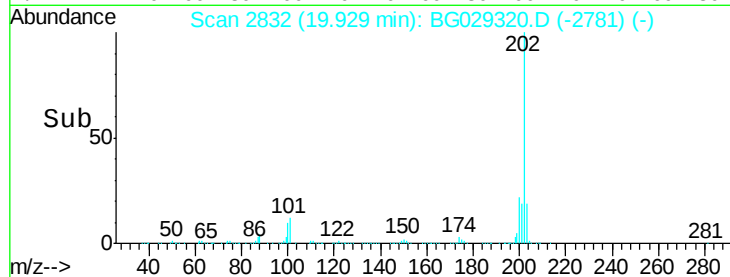
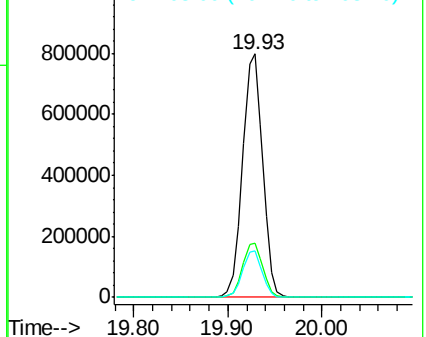


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 83.68 ng

RT: 20.12 min Scan# 2864

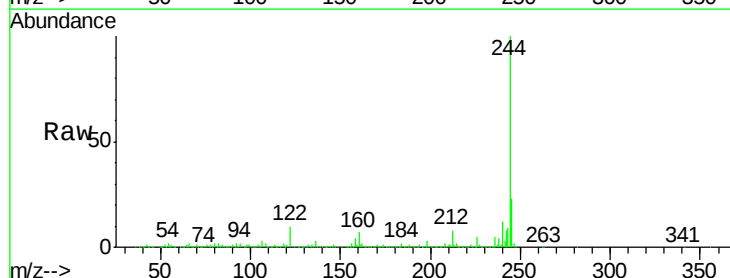
Delta R.T. -0.00 min

Lab File: BG029320.D

Acq: 18 Oct 2017 4:04

Tgt Ion:244 Resp: 1719080

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 244 | 100   |       |       |
| 212 | 8.1   | 5.8   | 8.8   |
| 122 | 10.0  | 7.0   | 10.4  |

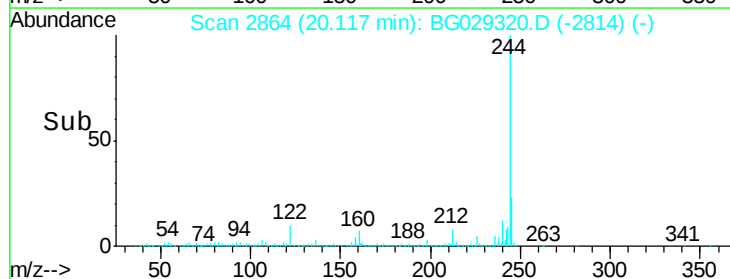
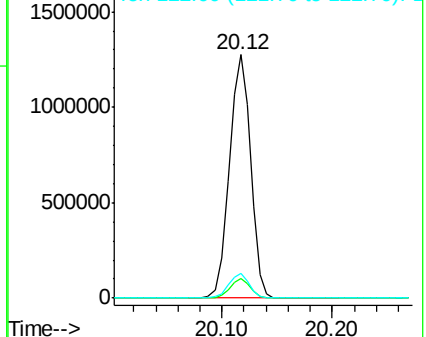


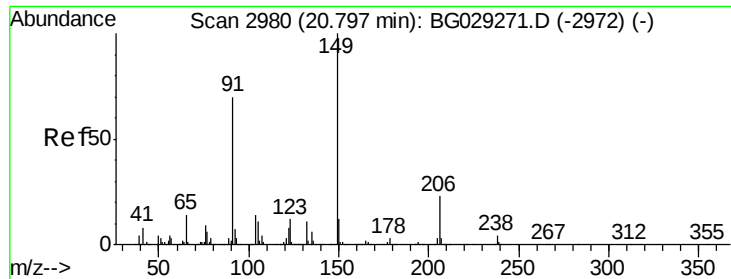
Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

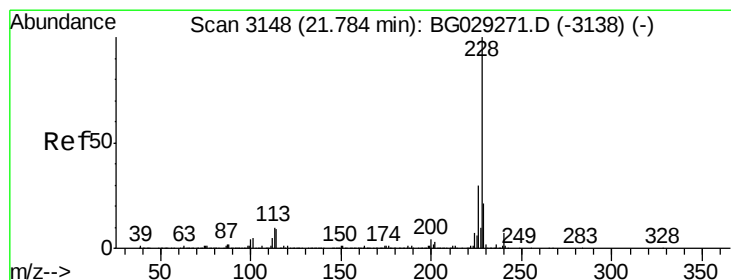
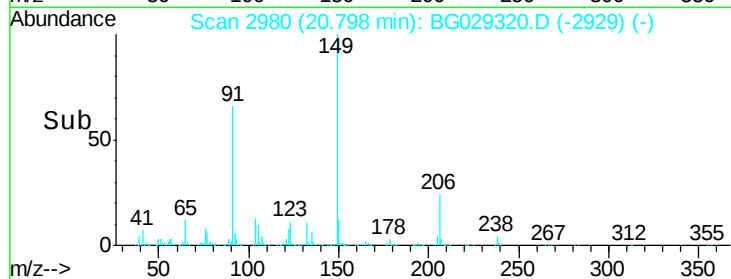
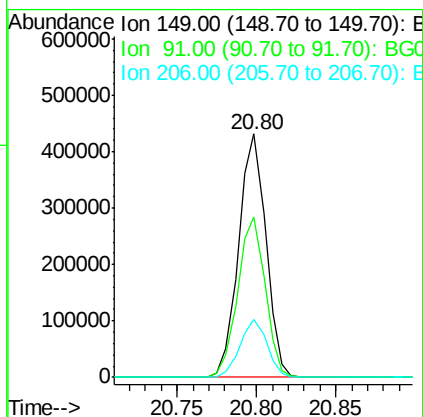
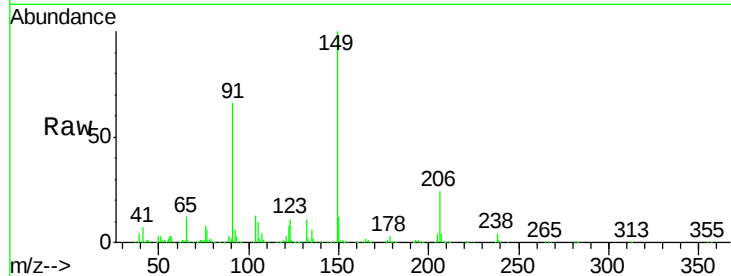




#79  
Butylbenzylphthalate  
Concen: 42.75 ng  
RT: 20.80 min Scan# 2980  
Delta R.T. 0.00 min  
Lab File: BG029320.D  
Acq: 18 Oct 2017 4:04

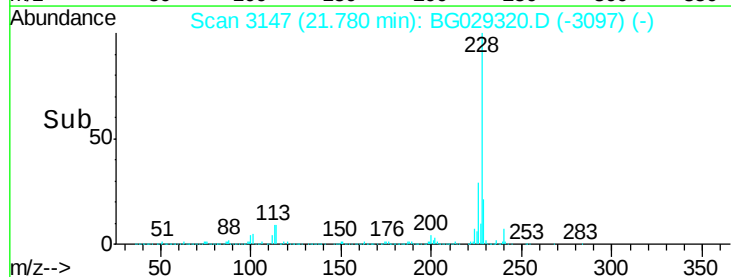
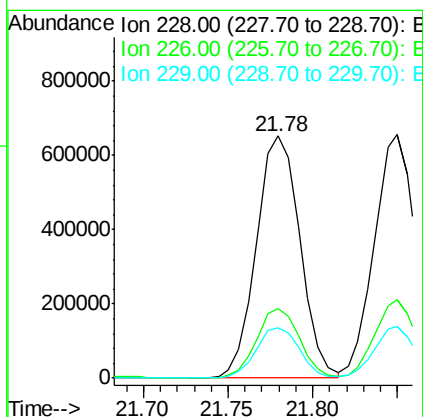
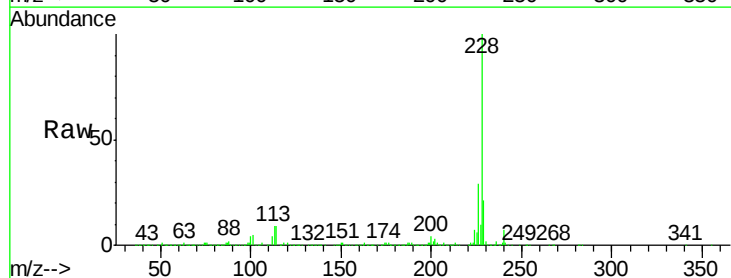
Instrument :  
BNA\_G  
ClientSampled :

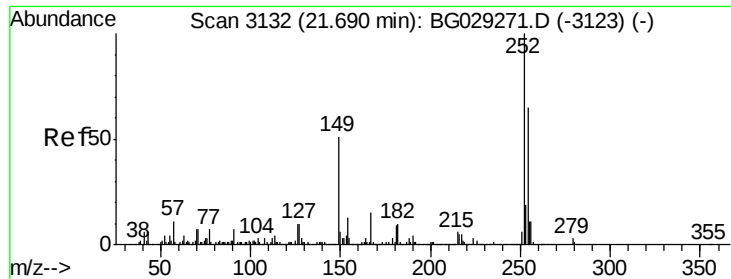
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 91      | 65.9  | 62.2  | 93.2  |
| 206     | 23.9  | 18.6  | 27.8  |



#80  
Benzo(a)anthracene  
Concen: 42.72 ng  
RT: 21.78 min Scan# 3147  
Delta R.T. -0.00 min  
Lab File: BG029320.D  
Acq: 18 Oct 2017 4:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 28.6  | 22.7  | 34.1  |
| 229     | 21.0  | 16.2  | 24.2  |

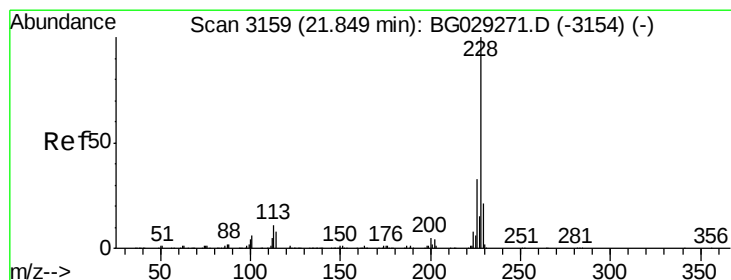
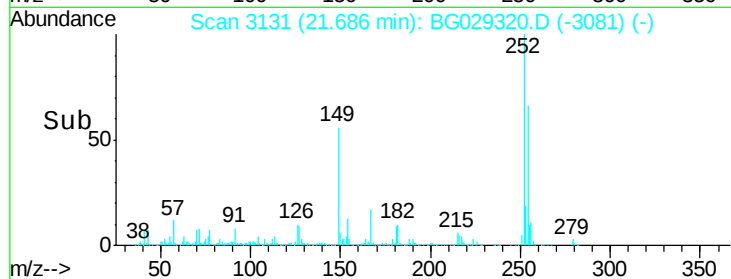
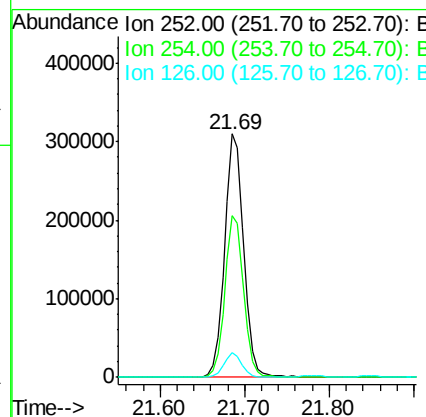
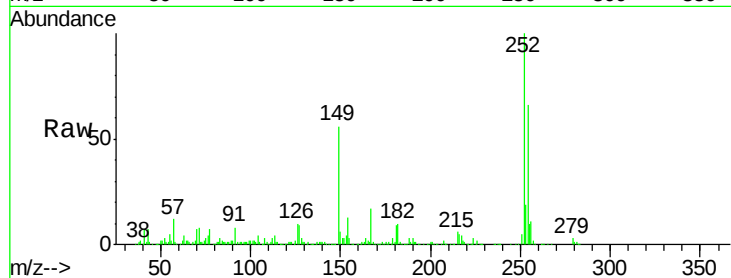




#81  
 3,3'-Dichlorobenzidine  
 Concen: 42.78 ng  
 RT: 21.69 min Scan# 3131  
 Delta R.T. -0.00 min  
 Lab File: BG029320.D  
 Acq: 18 Oct 2017 4:04

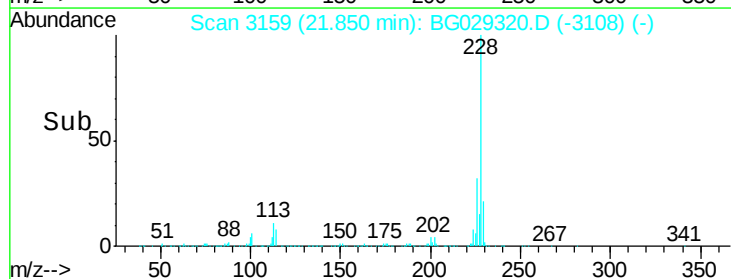
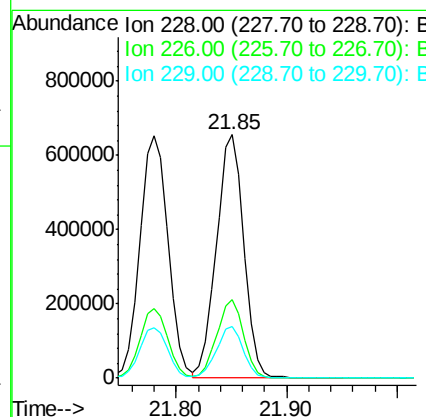
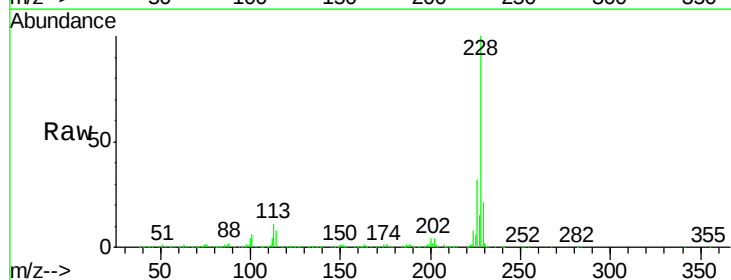
Instrument :  
 BNA\_G  
 ClientSampleId :

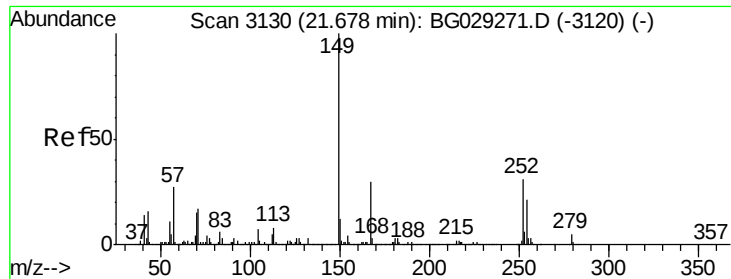
Tot Ion:252 Resp: 484504  
 Ion Ratio Lower Upper  
 252 100  
 254 66.4 50.8 76.2  
 126 10.0 7.4 11.2



#82  
 Chrysene  
 Concen: 42.60 ng  
 RT: 21.85 min Scan# 3159  
 Delta R.T. 0.00 min  
 Lab File: BG029320.D  
 Acq: 18 Oct 2017 4:04

Tgt Ion:228 Resp: 1119380  
 Ion Ratio Lower Upper  
 228 100  
 226 32.1 24.9 37.3  
 229 21.1 15.0 22.4

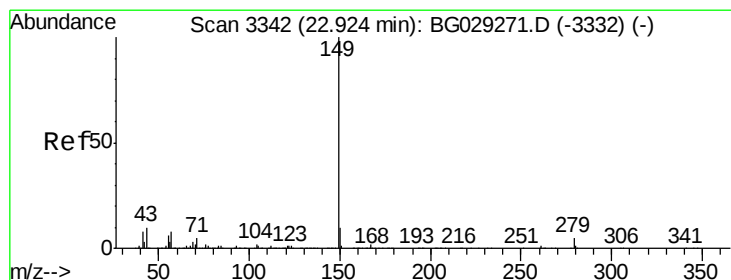
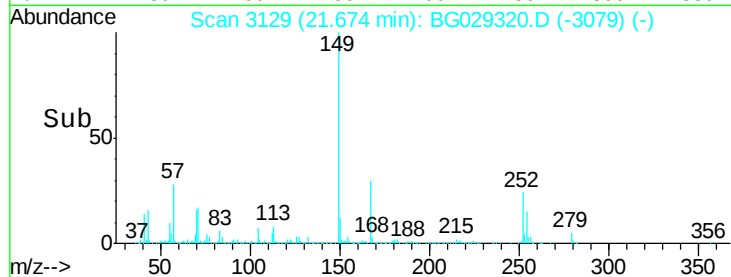
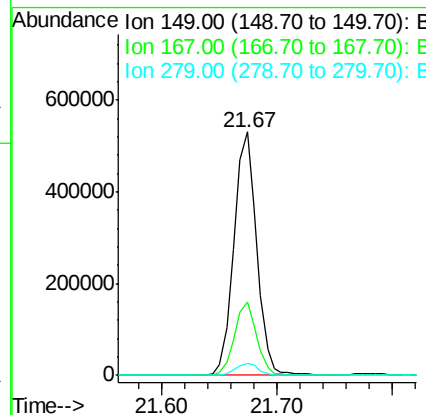
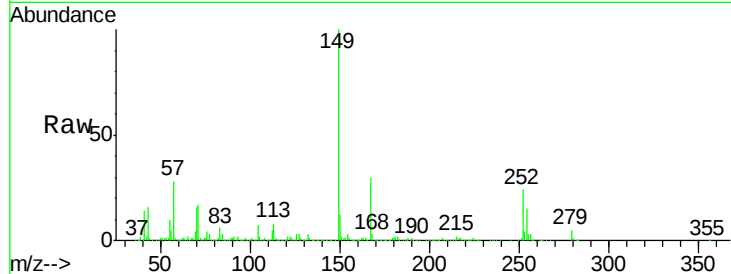




#83  
 Bis(2-ethylhexyl)phthalate  
 Concen: 41.81 ng  
 RT: 21.67 min Scan# 3129  
 Delta R.T. -0.00 min  
 Lab File: BG029320.D  
 Acq: 18 Oct 2017 4:04

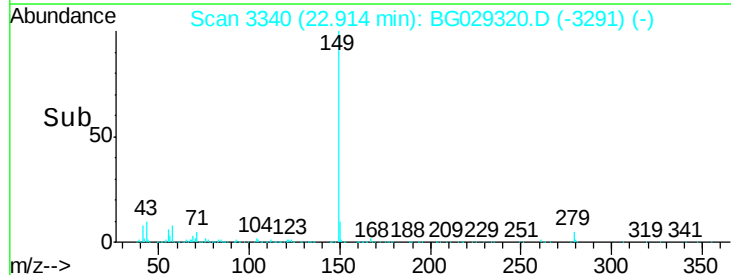
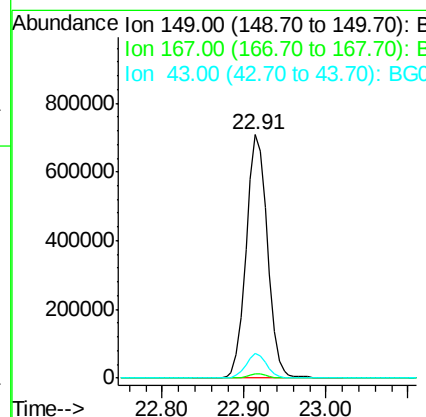
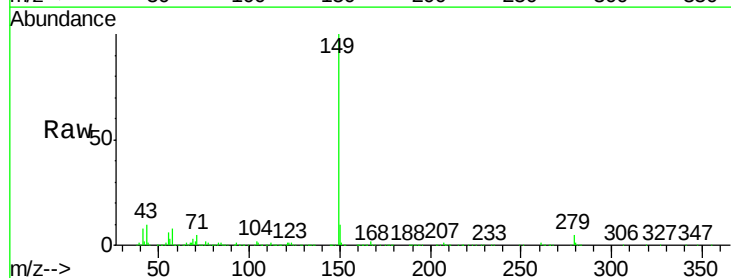
Instrument :  
 BNA\_G  
 ClientSampleId :

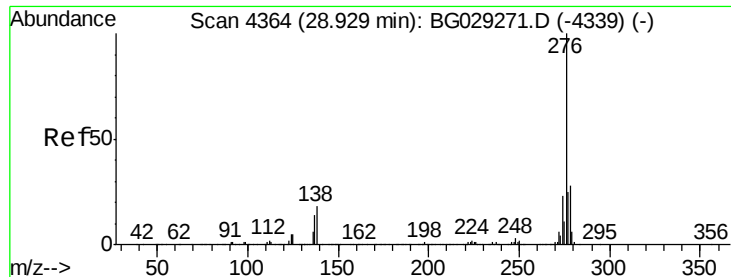
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 30.1  | 24.3  | 36.5  |
| 279     | 5.0   | 4.0   | 6.0   |



#84  
 Di-n-octyl phthalate  
 Concen: 42.30 ng  
 RT: 22.91 min Scan# 3340  
 Delta R.T. -0.01 min  
 Lab File: BG029320.D  
 Acq: 18 Oct 2017 4:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 1.7   | 1.4   | 2.0   |
| 43      | 9.9   | 8.9   | 13.3  |



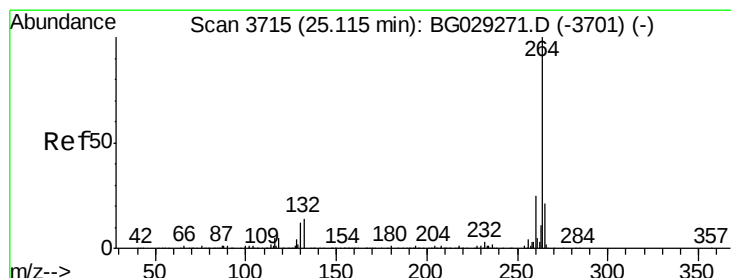
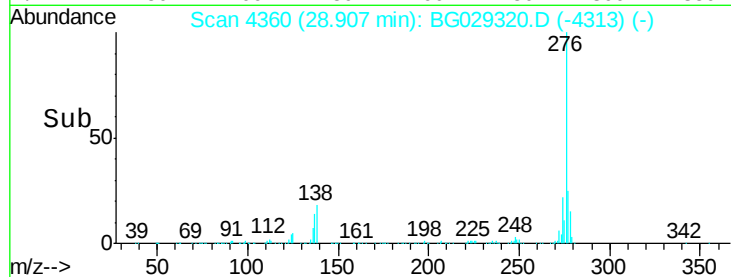
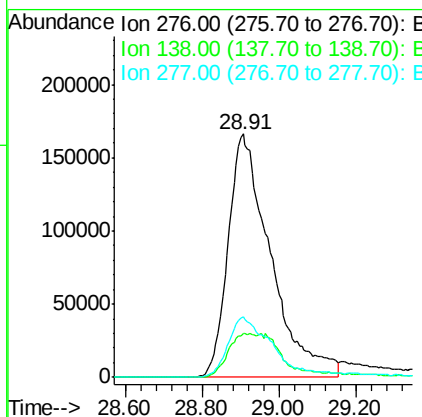
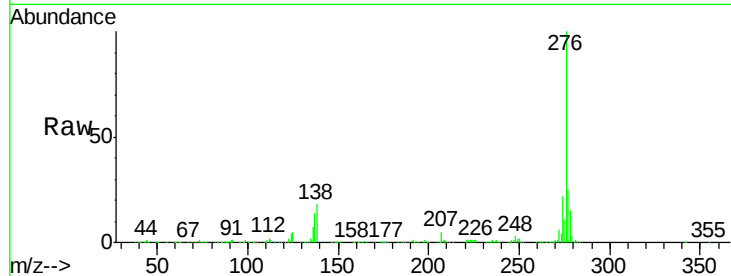


#85  
 Indeno(1,2,3-cd)pyrene  
 Concen: 39.40 ng  
 RT: 28.91 min Scan# 4360  
 Delta R.T. -0.02 min  
 Lab File: BG029320.D  
 Acq: 18 Oct 2017 4:04

Instrument :  
 BNA\_G  
 ClientSampleId :

Tot Ion:276 Resp: 1273662  

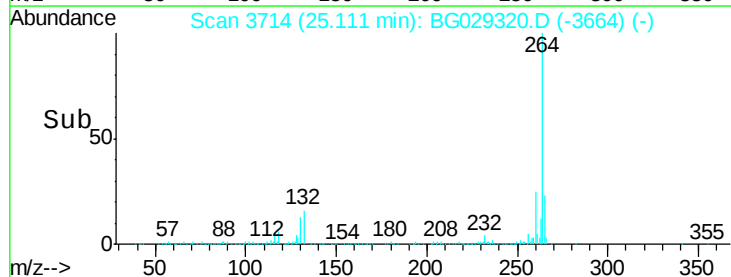
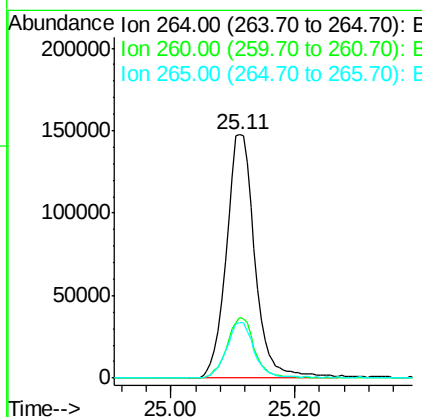
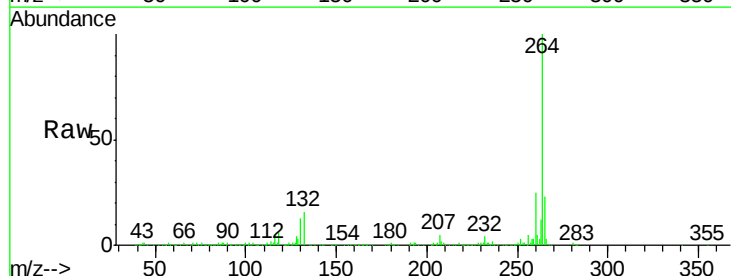
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 276 | 100   |       |       |
| 138 | 11.7  | 16.0  | 24.0# |
| 277 | 25.2  | 20.0  | 30.0  |

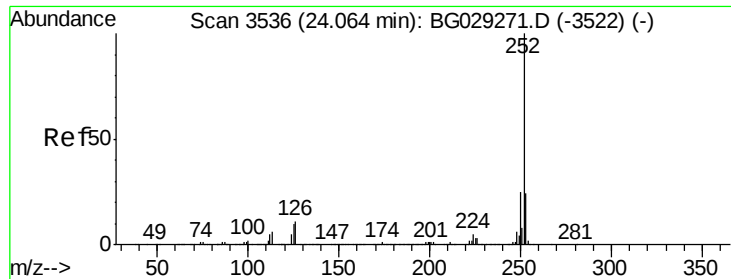


#86  
 Perylene-d12  
 Concen: 20.00 ng  
 RT: 25.11 min Scan# 3714  
 Delta R.T. -0.00 min  
 Lab File: BG029320.D  
 Acq: 18 Oct 2017 4:04

Tgt Ion:264 Resp: 473888  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 24.8  | 17.4  | 26.0  |
| 265 | 22.8  | 17.7  | 26.5  |





#87

Benzo(b)fluoranthene

Concen: 43.71 ng

RT: 24.06 min Scan# 3535

Delta R.T. -0.00 min

Lab File: BG029320.D

Acq: 18 Oct 2017 4:04

Instrument :

BNA\_G

ClientSampleId :

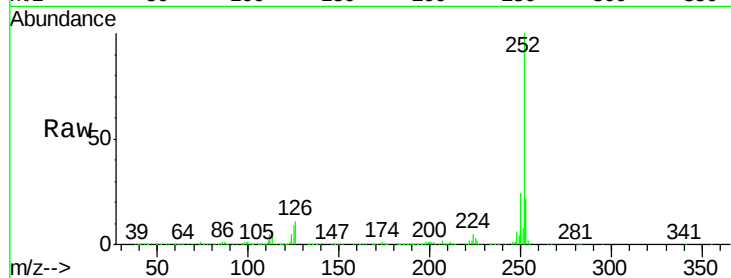
Tot Ion:252 Resp: 1185796

Ion Ratio Lower Upper

252 100

253 22.5 18.2 27.4

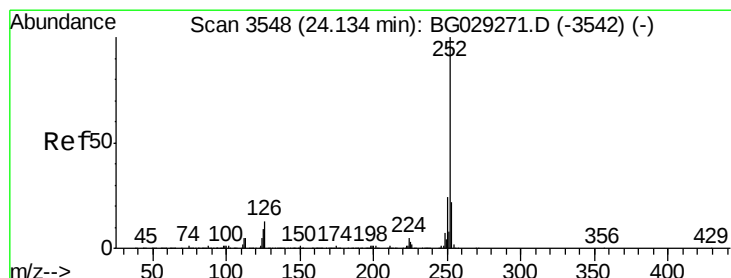
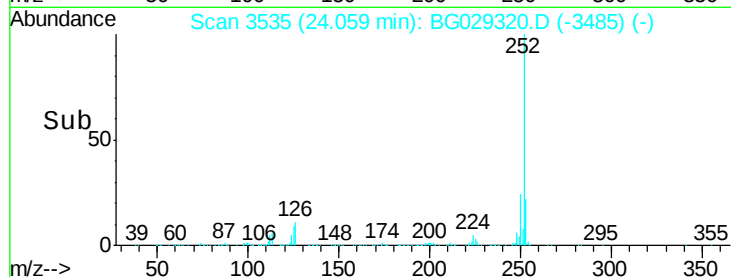
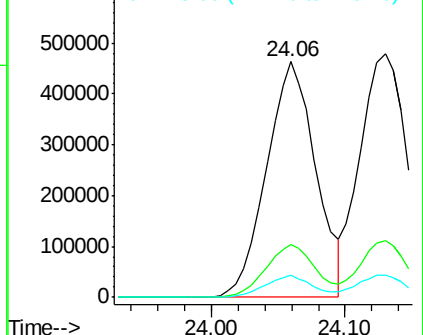
125 9.2 7.2 10.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 45.02 ng

RT: 24.13 min Scan# 3547

Delta R.T. -0.00 min

Lab File: BG029320.D

Acq: 18 Oct 2017 4:04

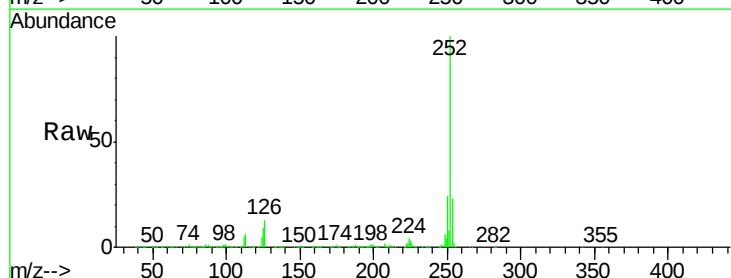
Tgt Ion:252 Resp: 1216947

Ion Ratio Lower Upper

252 100

253 23.2 17.4 26.2

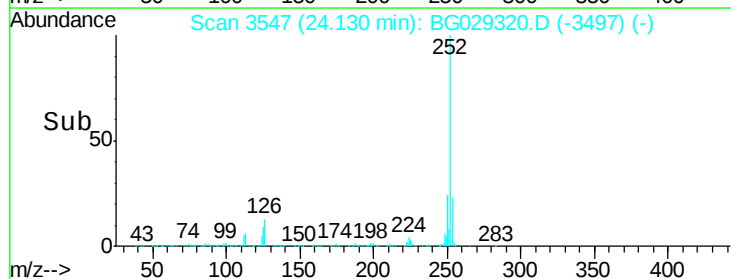
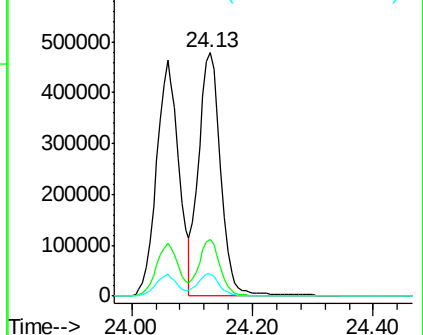
125 9.0 6.6 9.8

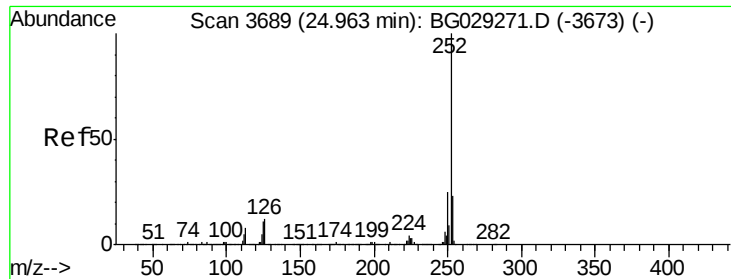


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

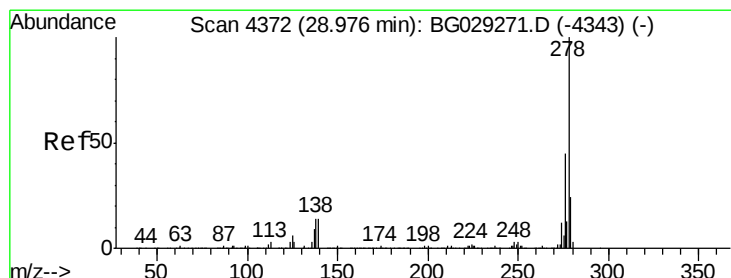
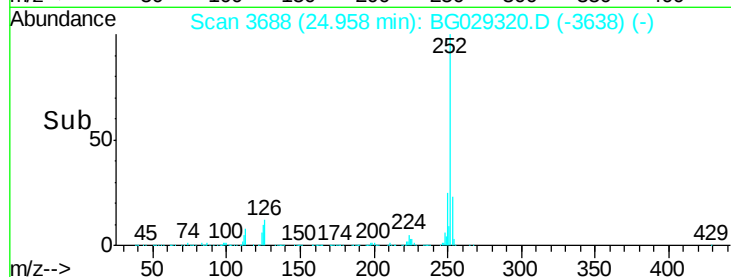
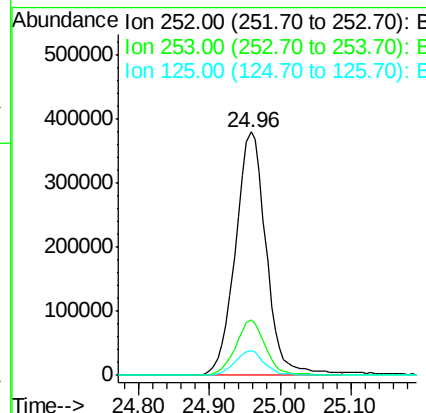
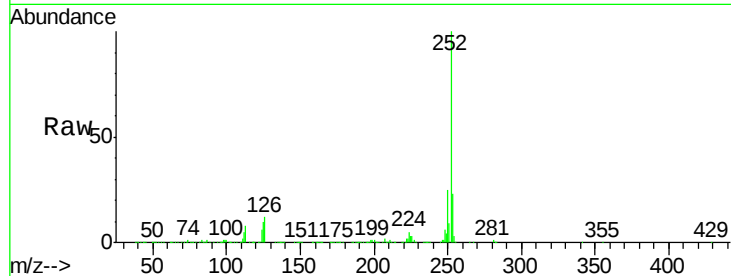




#89  
Benzo(a)pyrene  
Concen: 44.04 ng  
RT: 24.96 min Scan# 3688  
Delta R.T. -0.00 min  
Lab File: BG029320.D  
Acq: 18 Oct 2017 4:04

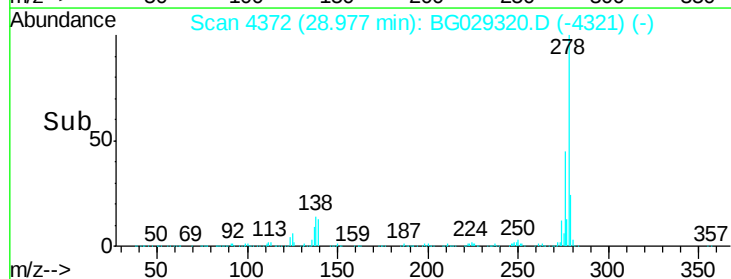
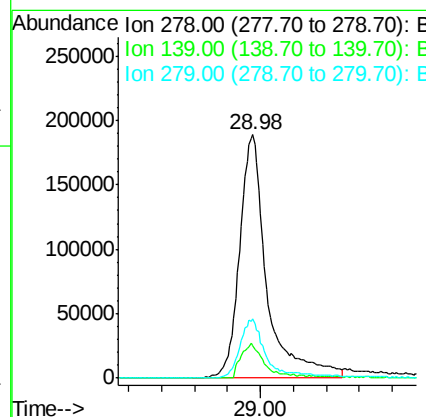
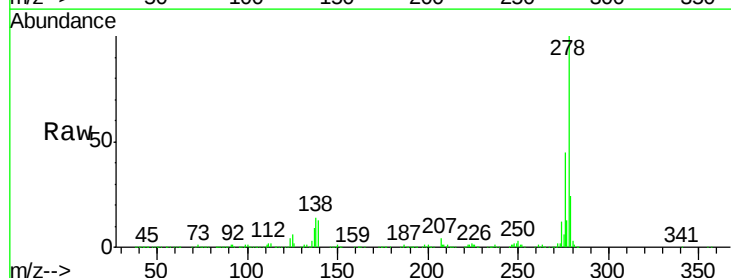
Instrument :  
BNA\_G  
ClientSampleId :

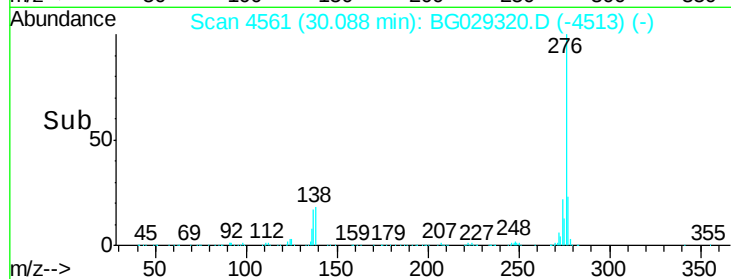
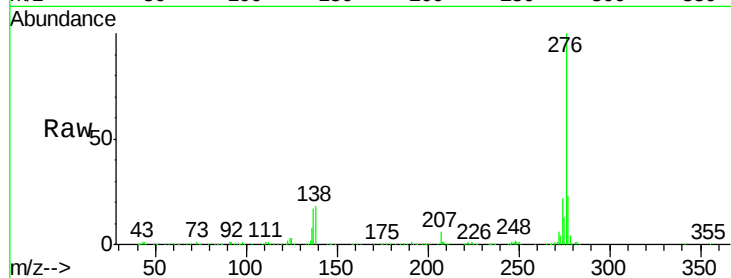
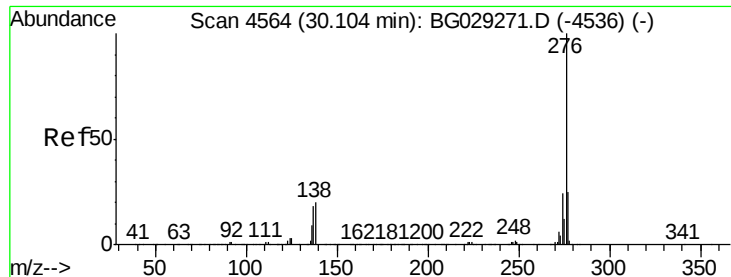
Tot Ion:252 Resp: 1148578  
Ion Ratio Lower Upper  
252 100  
253 22.6 18.3 27.5  
125 10.0 7.3 10.9



#90  
Dibenzo(a,h)anthracene  
Concen: 41.63 ng  
RT: 28.98 min Scan# 4372  
Delta R.T. 0.00 min  
Lab File: BG029320.D  
Acq: 18 Oct 2017 4:04

Tgt Ion:278 Resp: 1099351  
Ion Ratio Lower Upper  
278 100  
139 13.2 9.8 14.6  
279 24.2 18.4 27.6





#91

Benzo(a,h,i)perylene

Concen: 38.68 ng

RT: 30.09 min Scan# 4561

Delta R.T. -0.02 min

Lab File: BG029320.D

Acq: 18 Oct 2017 4:04

Instrument :

BNA\_G

ClientSampleId :

Tot Ion: 276 Resp: 948889

Ion Ratio Lower Upper

276 100

277 23.0 18.3 27.5

138 17.8 13.9 20.9

