

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092816\  
 Data File : BG024148.D  
 Acq On : 28 Sep 2016 15:57  
 Operator : UM/SJ  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

Quant Time: Sep 29 13:01:20 2016  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG092316.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Sep 23 15:35:28 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.04  | 152  | 61083    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.87 | 136  | 286542   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 14.71 | 164  | 238933   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 17.48 | 188  | 500466   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 21.79 | 240  | 535186   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 25.12 | 264  | 540856   | 20.00 | ng    | -0.02    |

|                             |       |     |         |       |    |       |
|-----------------------------|-------|-----|---------|-------|----|-------|
| System Monitoring Compounds |       |     |         |       |    |       |
| 5) 2-Fluorophenol           | 5.59  | 112 | 270382  | 76.69 | ng | 0.00  |
| 7) Phenol-d6                | 7.20  | 99  | 429223  | 72.35 | ng | 0.00  |
| 23) Nitrobenzene-d5         | 9.22  | 82  | 536033  | 73.73 | ng | 0.00  |
| 41) 2,4,6-Tribromophenol    | 16.21 | 330 | 220916  | 64.32 | ng | -0.01 |
| 44) 2-Fluorobiphenyl        | 13.32 | 172 | 1076937 | 75.76 | ng | 0.00  |
| 78) Terphenyl-d14           | 20.09 | 244 | 1600927 | 61.25 | ng | 0.00  |

|                                |       |     |        |       |    |        |
|--------------------------------|-------|-----|--------|-------|----|--------|
| Target Compounds               |       |     |        |       |    | Qvalue |
| 2) 1,4-Dioxane                 | 3.43  | 88  | 64514  | 47.81 | ng | 97     |
| 3) Pyridine                    | 3.84  | 79  | 199165 | 41.76 | ng | 96     |
| 4) n-Nitrosodimethylamine      | 3.76  | 42  | 85115  | 35.21 | ng | # 88   |
| 6) Aniline                     | 7.36  | 93  | 288541 | 34.63 | ng | 98     |
| 8) 2-Chlorophenol              | 7.60  | 128 | 156493 | 37.08 | ng | 92     |
| 9) Benzaldehyde                | 7.17  | 77  | 128414 | 39.75 | ng | 93     |
| 10) Phenol                     | 7.23  | 94  | 229791 | 36.85 | ng | 94     |
| 11) bis(2-Chloroethyl)ether    | 7.45  | 93  | 174129 | 35.40 | ng | 89     |
| 12) 1,3-Dichlorobenzene        | 7.92  | 146 | 181377 | 38.54 | ng | 95     |
| 13) 1,4-Dichlorobenzene        | 8.07  | 146 | 183144 | 38.13 | ng | 98     |
| 14) 1,2-Dichlorobenzene        | 8.40  | 146 | 178500 | 38.18 | ng | 95     |
| 15) Benzyl Alcohol             | 8.28  | 79  | 182919 | 31.86 | ng | 99     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.57  | 45  | 242080 | 35.65 | ng | 95     |
| 17) 2-Methylphenol             | 8.50  | 107 | 149453 | 36.04 | ng | 96     |
| 18) Hexachloroethane           | 9.12  | 117 | 75909  | 37.51 | ng | 97     |
| 19) n-Nitroso-di-n-propylamine | 8.85  | 70  | 195127 | 33.49 | ng | 97     |
| 20) 3+4-Methylphenols          | 8.83  | 107 | 215283 | 35.75 | ng | 92     |
| 22) Acetophenone               | 8.87  | 105 | 304519 | 36.84 | ng | # 94   |
| 24) Nitrobenzene               | 9.27  | 77  | 280463 | 35.99 | ng | 94     |
| 25) Isophorone                 | 9.78  | 82  | 522569 | 35.24 | ng | 98     |
| 26) 2-Nitrophenol              | 9.98  | 139 | 106382 | 38.49 | ng | # 89   |
| 27) 2,4-Dimethylphenol         | 10.04 | 122 | 179301 | 38.79 | ng | 90     |
| 28) bis(2-Chloroethoxy)methane | 10.26 | 93  | 265498 | 36.82 | ng | 96     |
| 29) 2,4-Dichlorophenol         | 10.53 | 162 | 186646 | 38.80 | ng | 96     |
| 30) 1,2,4-Trichlorobenzene     | 10.73 | 180 | 195537 | 37.98 | ng | 99     |
| 31) Naphthalene                | 10.92 | 128 | 550764 | 37.94 | ng | 98     |
| 32) Benzoic acid               | 10.22 | 122 | 103003 | 30.58 | ng | 99     |
| 33) 4-Chloroaniline            | 11.05 | 127 | 240256 | 37.08 | ng | 98     |
| 34) Hexachlorobutadiene        | 11.19 | 225 | 148732 | 36.69 | ng | 97     |
| 35) Caprolactam                | 11.83 | 113 | 63478  | 32.44 | ng | 96     |
| 36) 4-Chloro-3-methylphenol    | 12.18 | 107 | 249921 | 36.92 | ng | 96     |
| 37) 2-Methylnaphthalene        | 12.53 | 142 | 419028 | 37.70 | ng | 96     |
| 39) 1,2,4,5-Tetrachlorobenzene | 12.90 | 216 | 269386 | 38.62 | ng | 99     |
| 40) Hexachlorocyclopentadiene  | 12.87 | 237 | 96989  | 36.70 | ng | 97     |

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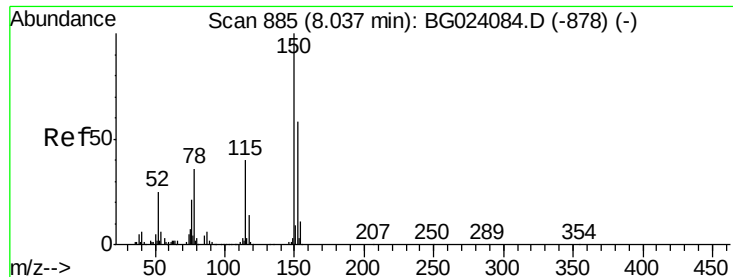
Instrument :  
 BNA\_G  
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Quant Time: Sep 29 13:01:20 2016  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG092316.M  
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| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 13.15 | 196  | 173477   | 38.45 | nq    | 97       |
| 43) 2,4,5-Trichlorophenol      | 13.24 | 196  | 168370   | 36.27 | nq    | 94       |
| 45) 1,1'-Biphenyl              | 13.54 | 154  | 638666   | 39.09 | nq    | 98       |
| 46) 2-Chloronaphthalene        | 13.59 | 162  | 471772   | 38.67 | nq    | 99       |
| 47) 2-Nitroaniline             | 13.81 | 65   | 202611   | 35.69 | nq    | 98       |
| 48) Acenaphthylene             | 14.44 | 152  | 773239   | 37.34 | nq    | 98       |
| 49) Dimethylphthalate          | 14.16 | 163  | 661778   | 36.10 | nq    | 97       |
| 50) 2,6-Dinitrotoluene         | 14.29 | 165  | 142979   | 37.13 | nq    | 98       |
| 51) Acenaphthene               | 14.78 | 154  | 471211   | 37.51 | nq    | 97       |
| 52) 3-Nitroaniline             | 14.64 | 138  | 142521   | 37.06 | nq    | # 83     |
| 53) 2,4-Dinitrophenol          | 14.87 | 184  | 53672    | 25.62 | nq    | 92       |
| 54) Dibenzofuran               | 15.12 | 168  | 722679   | 36.95 | nq    | 98       |
| 55) 4-Nitrophenol              | 14.99 | 139  | 77762m   | 29.11 | nq    |          |
| 56) 2,4-Dinitrotoluene         | 15.10 | 165  | 208902   | 35.65 | nq    | # 90     |
| 57) Fluorene                   | 15.77 | 166  | 631905   | 37.12 | nq    | 98       |
| 58) 2,3,4,6-Tetrachlorophenol  | 15.36 | 232  | 155321m  | 34.65 | nq    |          |
| 59) Diethylphthalate           | 15.52 | 149  | 690960   | 35.00 | nq    | 98       |
| 60) 4-Chlorophenyl-phenylether | 15.75 | 204  | 332246   | 36.43 | nq    | 99       |
| 61) 4-Nitroaniline             | 15.82 | 138  | 131551   | 33.03 | nq    | # 85     |
| 62) Azobenzene                 | 16.05 | 77   | 707202   | 35.26 | nq    | 93       |
| 64) 4,6-Dinitro-2-methylphenol | 15.87 | 198  | 120056   | 34.55 | nq    | 86       |
| 65) n-Nitrosodiphenylamine     | 15.97 | 169  | 567609   | 41.46 | nq    | 96       |
| 66) 4-Bromophenyl-phenylether  | 16.65 | 248  | 223253   | 38.46 | nq    | 98       |
| 67) Hexachlorobenzene          | 16.78 | 284  | 242826   | 37.13 | nq    | 95       |
| 68) Atrazine                   | 16.93 | 200  | 213683   | 35.36 | nq    | 95       |
| 69) Pentachlorophenol          | 17.14 | 266  | 94630m   | 30.23 | nq    |          |
| 70) Phenanthrene               | 17.52 | 178  | 992075   | 38.92 | nq    | 98       |
| 71) Anthracene                 | 17.61 | 178  | 1009154  | 38.54 | nq    | 98       |
| 72) Carbazole                  | 17.89 | 167  | 894696   | 36.71 | nq    | 97       |
| 73) Di-n-butylphthalate        | 18.42 | 149  | 1102887  | 34.57 | nq    | 98       |
| 74) Fluoranthene               | 19.54 | 202  | 1146062  | 34.44 | nq    | 96       |
| 76) Benzidine                  | 19.73 | 184  | 494195   | 32.62 | nq    | 97       |
| 77) Pyrene                     | 19.90 | 202  | 1169403  | 31.29 | nq    | 94       |
| 79) Butylbenzylphthalate       | 20.77 | 149  | 511002   | 37.13 | nq    | 96       |
| 80) Benzo(a)anthracene         | 21.77 | 228  | 1152143  | 37.82 | nq    | 93       |
| 81) 3,3'-Dichlorobenzidine     | 21.68 | 252  | 444385   | 40.70 | nq    | # 95     |
| 82) Chrysene                   | 21.84 | 228  | 1104433  | 38.57 | nq    | 98       |
| 83) Bis(2-ethylhexyl)phthalate | 21.64 | 149  | 721146   | 43.86 | nq    | 97       |
| 84) Di-n-octyl phthalate       | 22.88 | 149  | 1263097  | 44.53 | nq    | 98       |
| 85) Indeno(1,2,3-cd)pyrene     | 28.95 | 276  | 1395525  | 43.70 | nq    | # 100    |
| 87) Benzo(b)fluoranthene       | 24.06 | 252  | 1169779  | 37.18 | nq    | # 98     |
| 88) Benzo(k)fluoranthene       | 24.12 | 252  | 1209217  | 38.69 | nq    | # 98     |
| 89) Benzo(a)pyrene             | 24.96 | 252  | 1156829  | 38.03 | nq    | # 98     |
| 90) Dibenzo(a,h)anthracene     | 28.99 | 278  | 1122650  | 36.96 | nq    | # 95     |
| 91) Benzo(g,h,i)perylene       | 30.14 | 276  | 1161463  | 37.95 | nq    | # 95     |

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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.04 min Scan# 885

Delta R.T. 0.00 min

Lab File: BG024148.D

Acq: 28 Sep 2016 15:57

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

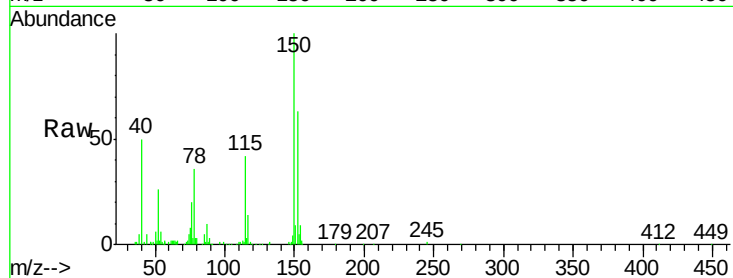
Tot Ion:152 Resp: 61083

Ion Ratio Lower Upper

152 100

150 159.3 144.7 217.1

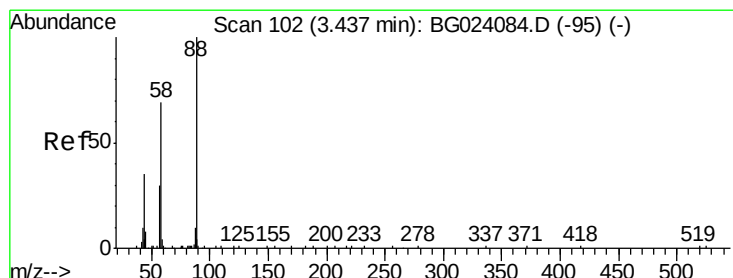
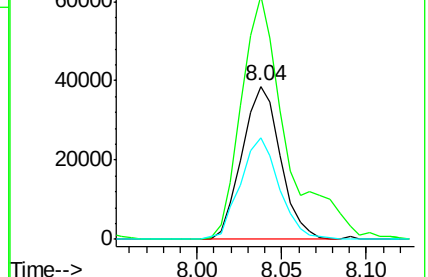
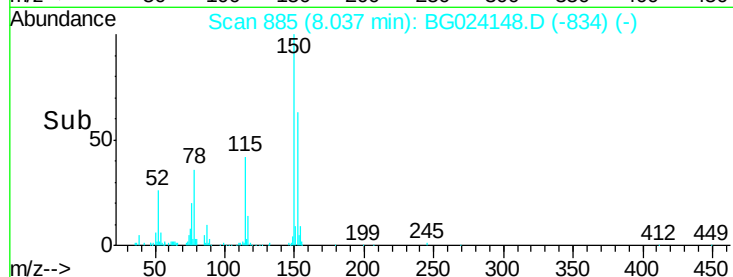
115 66.1 64.0 96.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 47.81 ng

RT: 3.43 min Scan# 101

Delta R.T. -0.01 min

Lab File: BG024148.D

Acq: 28 Sep 2016 15:57

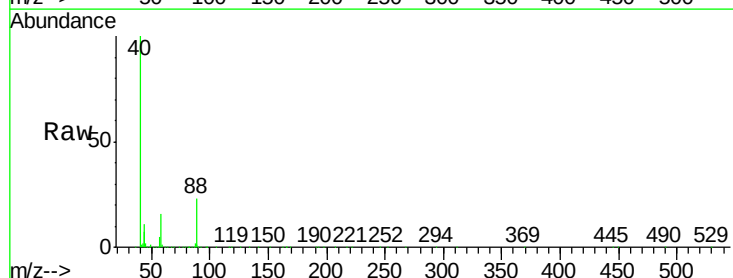
Tgt Ion: 88 Resp: 64514

Ion Ratio Lower Upper

88 100

58 75.7 60.4 90.6

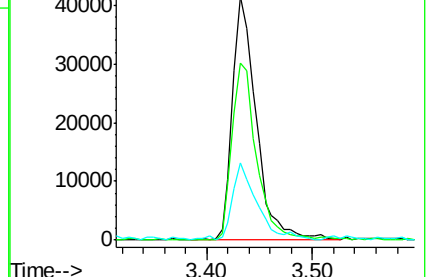
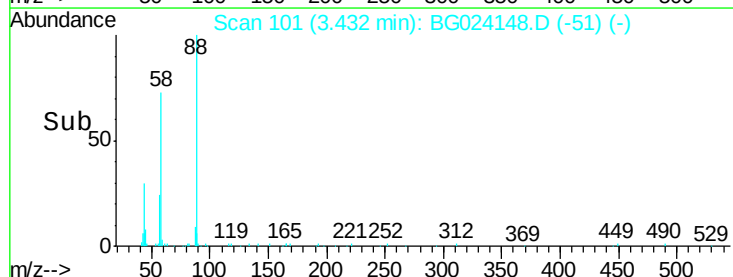
43 33.1 31.1 46.7

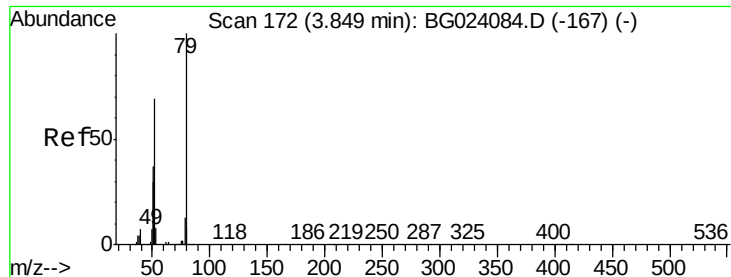


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 41.76 ng

RT: 3.84 min Scan# 171

Delta R.T. -0.01 min

Lab File: BG024148.D

Acq: 28 Sep 2016 15:57

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

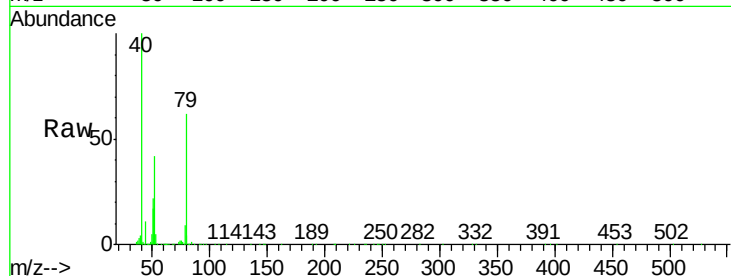
Tot Ion: 79 Resp: 199165

Ion Ratio Lower Upper

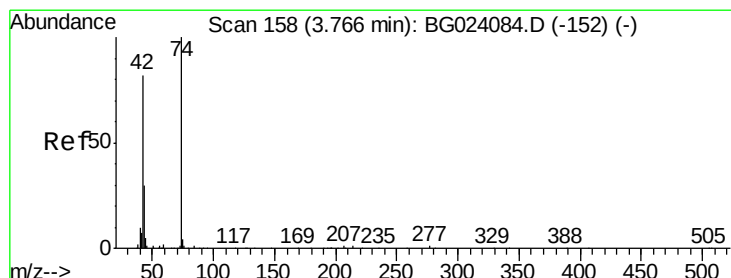
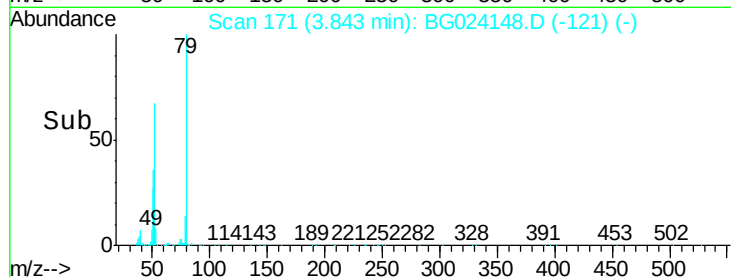
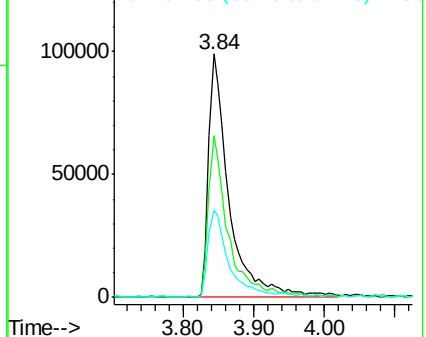
79 100

52 66.7 51.8 77.8

51 36.0 32.7 49.1



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



#4

n-Nitrosodimethylamine

Concen: 35.21 ng

RT: 3.76 min Scan# 157

Delta R.T. -0.01 min

Lab File: BG024148.D

Acq: 28 Sep 2016 15:57

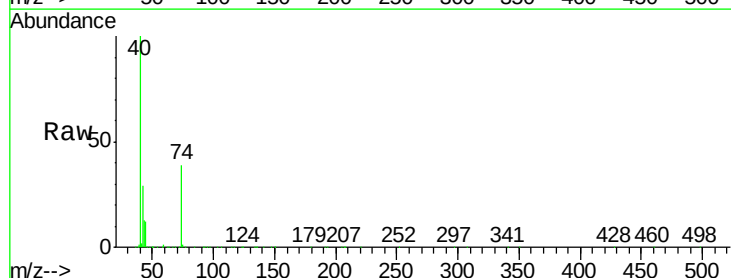
Tgt Ion: 42 Resp: 85115

Ion Ratio Lower Upper

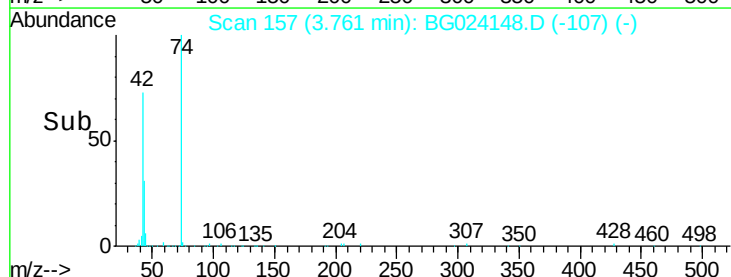
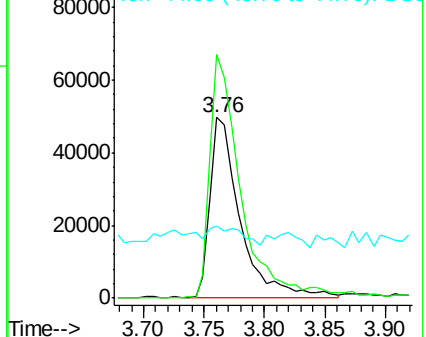
42 100

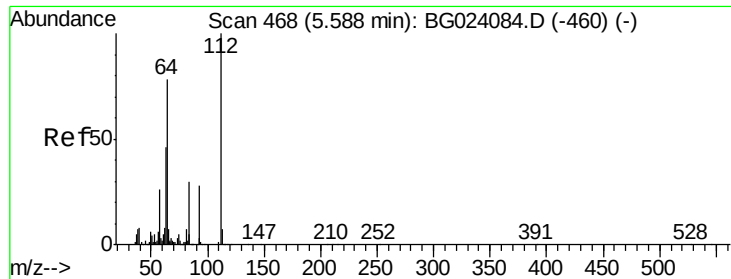
74 134.7 100.6 150.8

44 40.1 4.5 6.7#



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





#5

2-Fluorophenol

Concen: 76.69 ng

RT: 5.59 min Scan# 468

Delta R.T. 0.00 min

Lab File: BG024148.D

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ClientSampleId :

SSTDCCC040

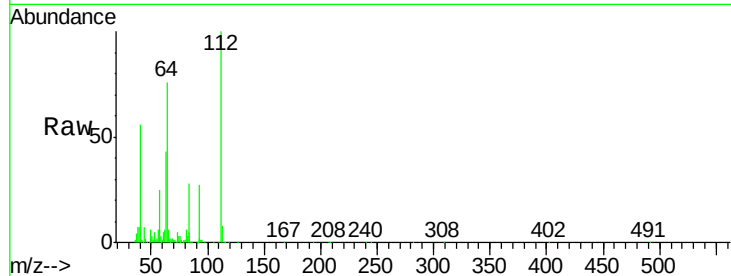
Tot Ion:112 Resp: 270382

Ion Ratio Lower Upper

112 100

64 75.5 59.0 88.4

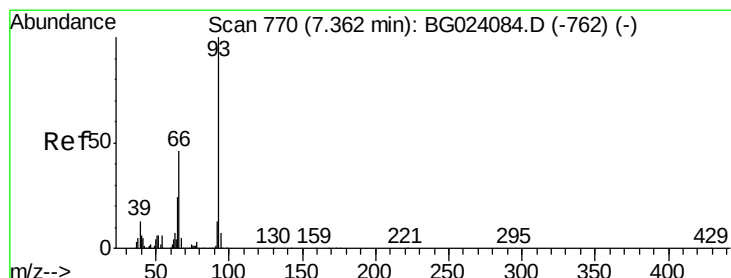
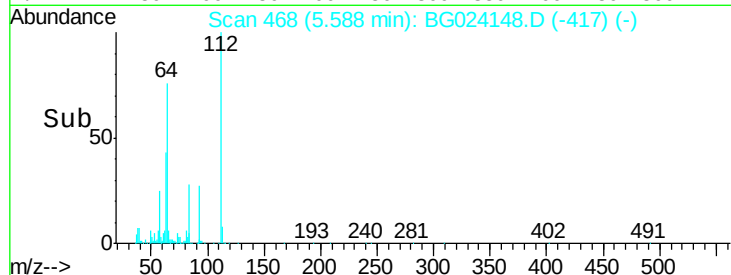
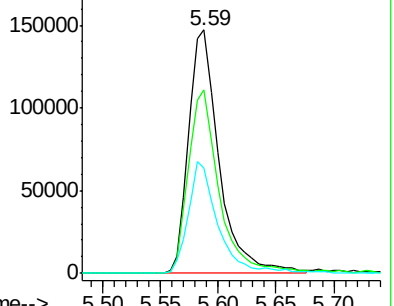
63 43.3 37.8 56.8



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 34.63 ng

RT: 7.36 min Scan# 770

Delta R.T. 0.00 min

Lab File: BG024148.D

Acq: 28 Sep 2016 15:57

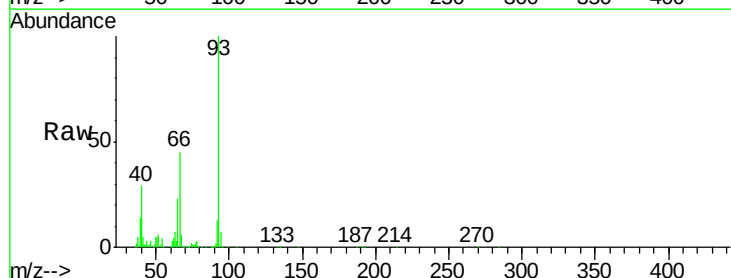
Tgt Ion: 93 Resp: 288541

Ion Ratio Lower Upper

93 100

66 45.0 37.5 56.3

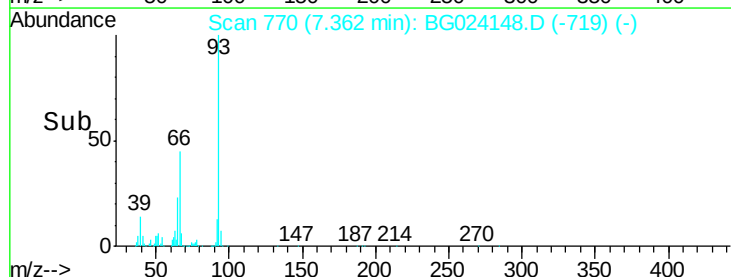
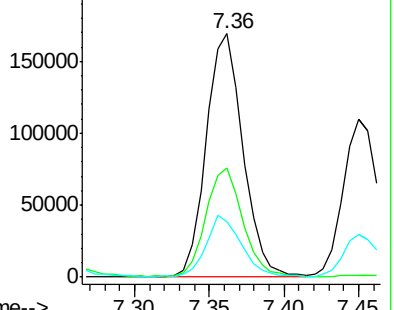
65 23.0 17.9 26.9

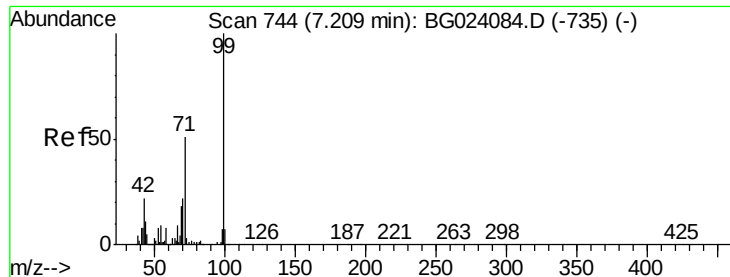


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 72.35 ng

RT: 7.20 min Scan# 743

Delta R.T. -0.01 min

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SSTDCCC040

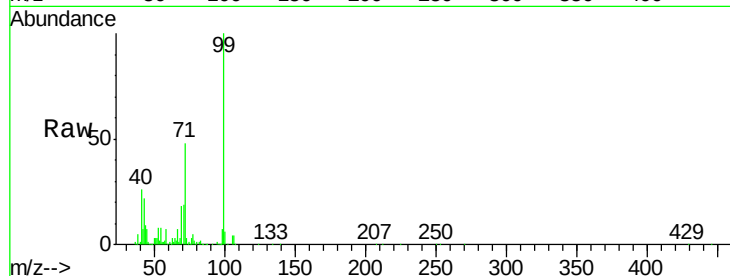
Tot Ion: 99 Resp: 429223

Ion Ratio Lower Upper

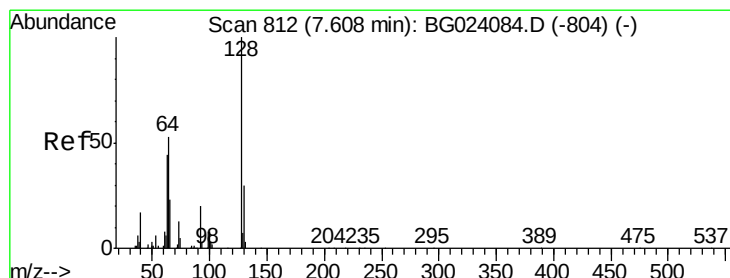
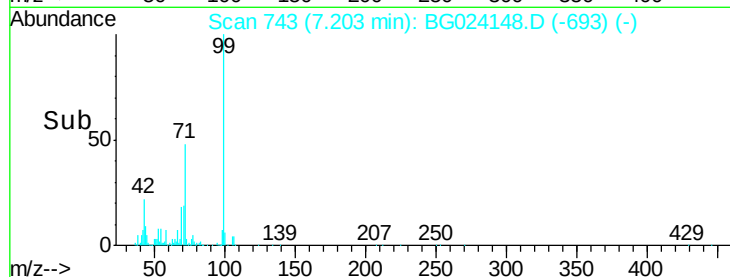
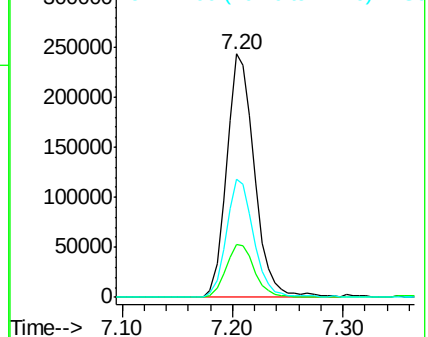
99 100

42 21.9 17.8 26.6

71 48.3 41.5 62.3



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



#8

2-Chlorophenol

Concen: 37.08 ng

RT: 7.60 min Scan# 811

Delta R.T. -0.01 min

Lab File: BG024148.D

Acq: 28 Sep 2016 15:57

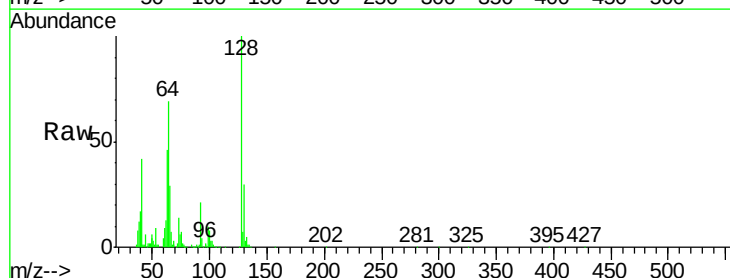
Tgt Ion: 128 Resp: 156493

Ion Ratio Lower Upper

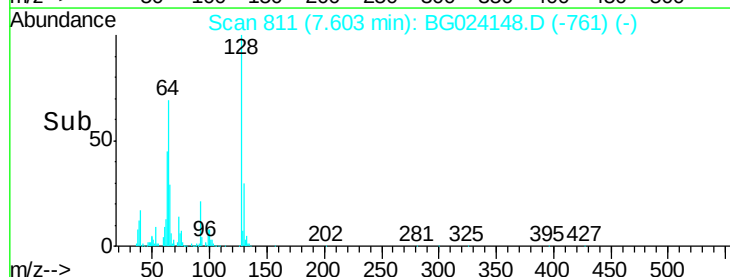
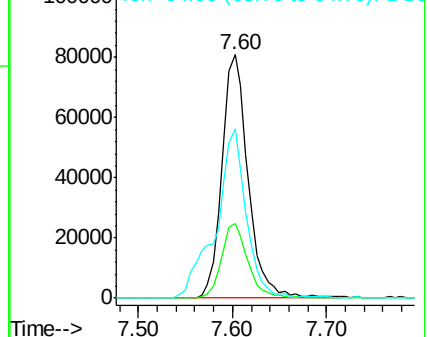
128 100

130 30.5 12.9 52.9

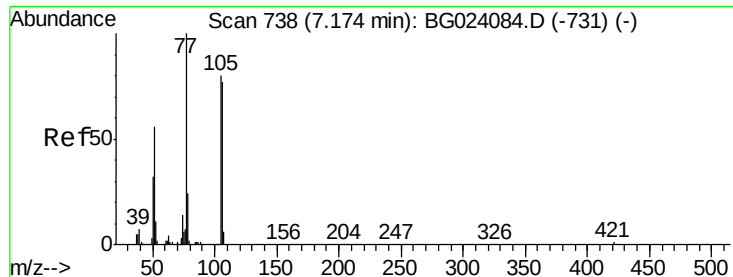
64 69.4 42.0 82.0



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







#9

Benzaldehyde

Concen: 39.75 ng

RT: 7.17 min Scan# 738

Delta R.T. 0.00 min

Lab File: BG024148.D

Acq: 28 Sep 2016 15:57

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

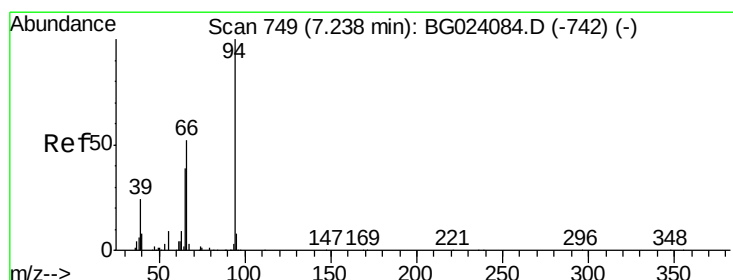
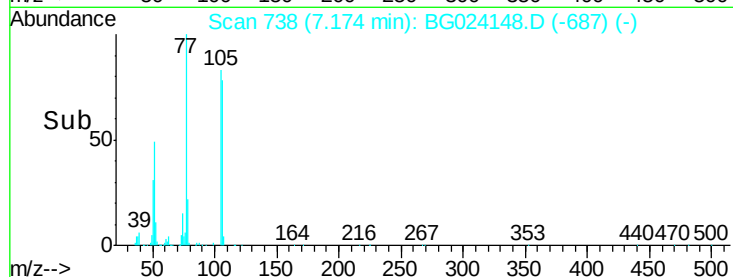
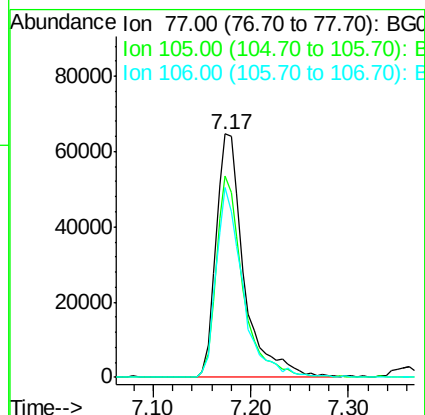
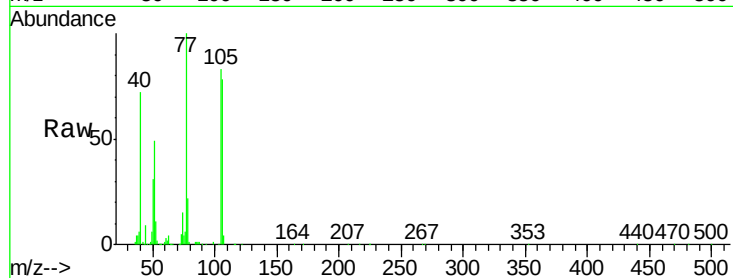
Tot Ion: 77 Resp: 128414

Ion Ratio Lower Upper

77 100

105 82.6 58.7 98.7

106 78.1 67.5 107.5



#10

Phenol

Concen: 36.85 ng

RT: 7.23 min Scan# 748

Delta R.T. -0.01 min

Lab File: BG024148.D

Acq: 28 Sep 2016 15:57

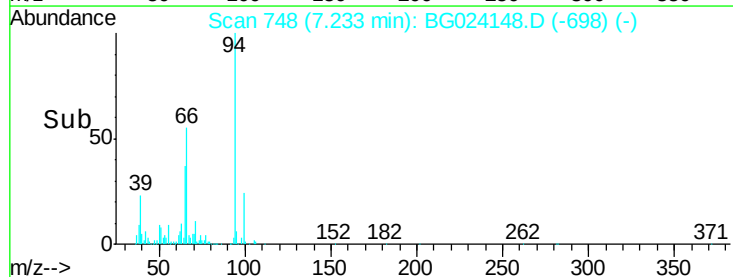
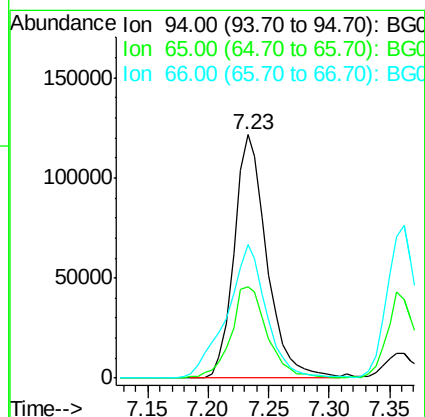
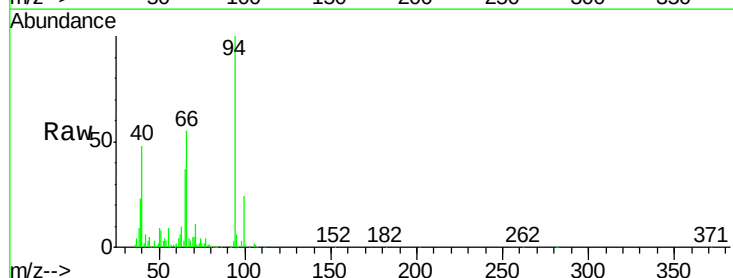
Tgt Ion: 94 Resp: 229791

Ion Ratio Lower Upper

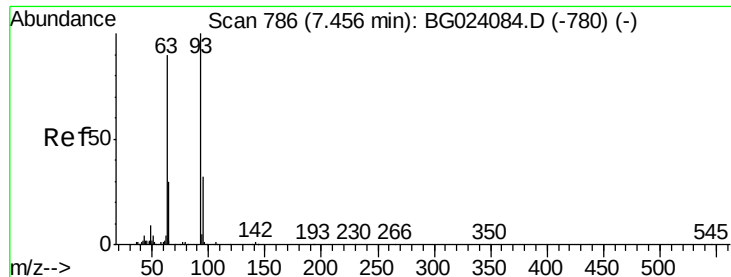
94 100

65 37.5 18.1 58.1

66 55.1 42.1 82.1



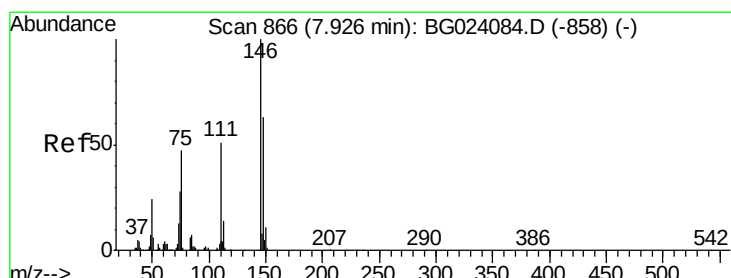
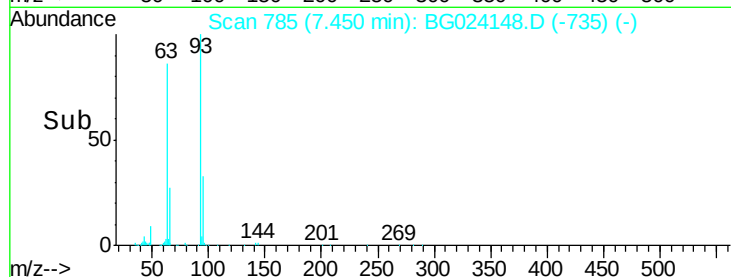
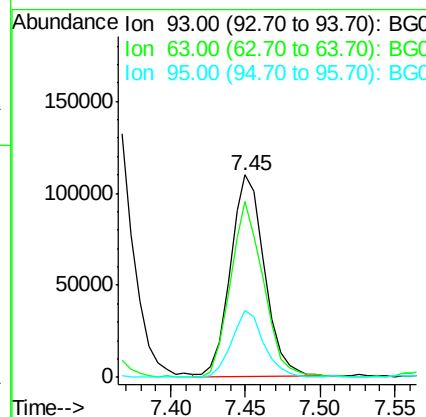
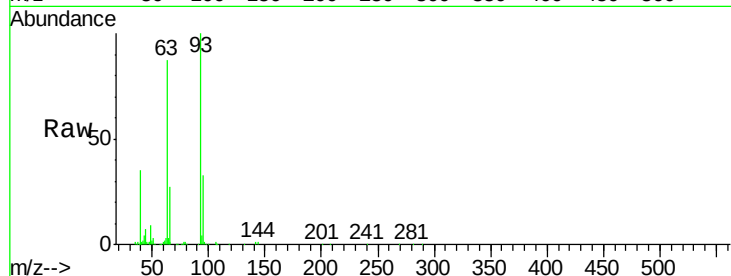




#11  
bis(2-Chloroethyl)ether  
Concen: 35.40 ng  
RT: 7.45 min Scan# 785  
Delta R.T. -0.01 min  
Lab File: BG024148.D  
Acq: 28 Sep 2016 15:57

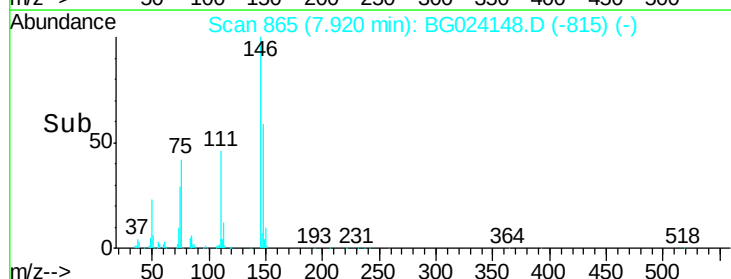
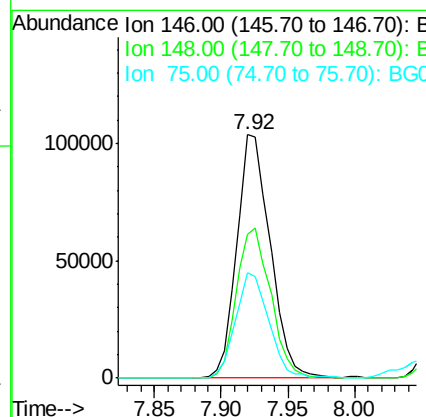
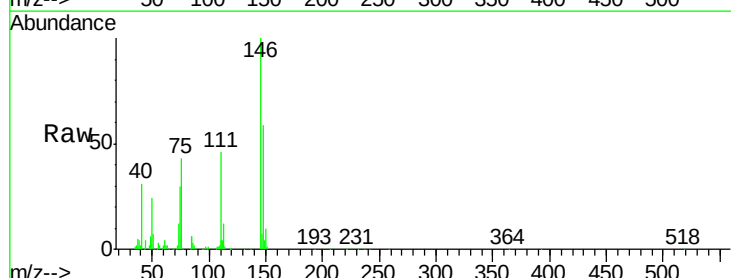
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

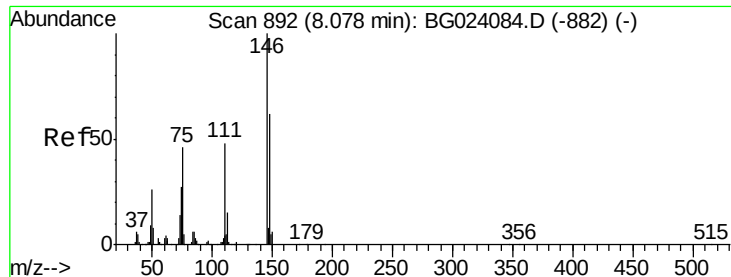
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 63      | 86.6  | 55.0  | 95.0  |
| 95      | 32.8  | 11.0  | 51.0  |



#12  
1,3-Dichlorobenzene  
Concen: 38.54 ng  
RT: 7.92 min Scan# 865  
Delta R.T. -0.01 min  
Lab File: BG024148.D  
Acq: 28 Sep 2016 15:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 59.2  | 50.3  | 75.5  |
| 75      | 43.0  | 37.0  | 55.6  |

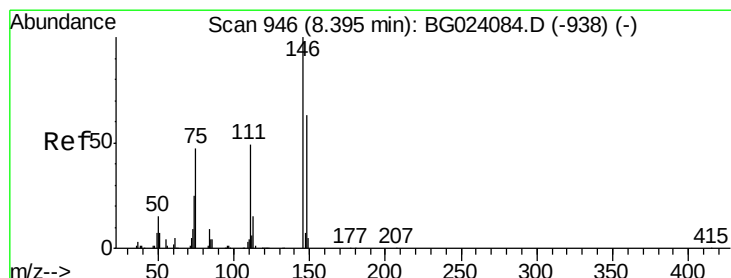
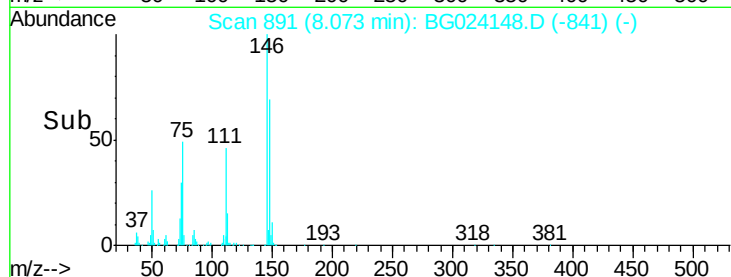
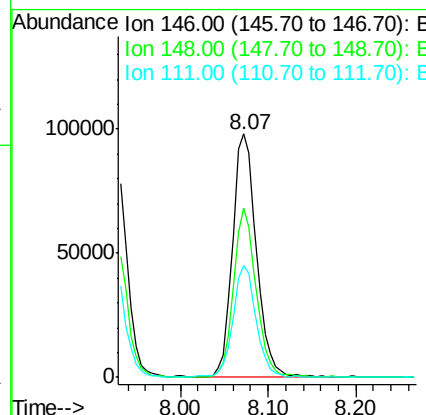
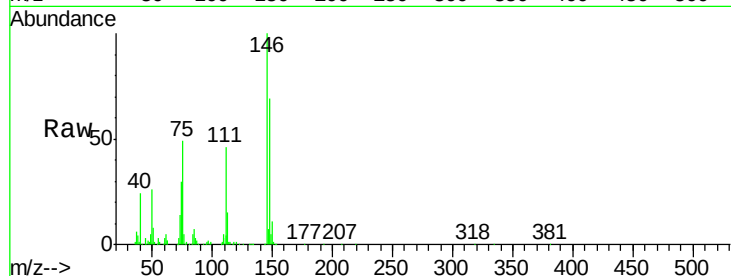




#13  
 1,4-Dichlorobenzene  
 Concen: 38.13 ng  
 RT: 8.07 min Scan# 891  
 Delta R.T. -0.01 min  
 Lab File: BG024148.D  
 Acq: 28 Sep 2016 15:57

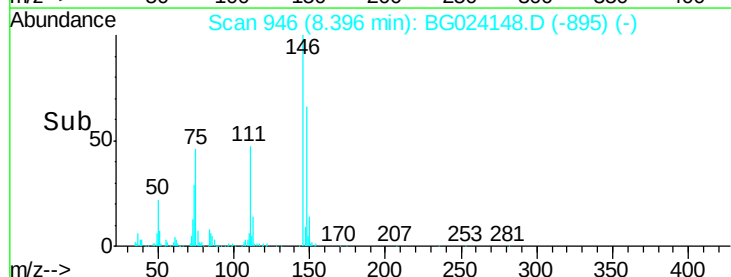
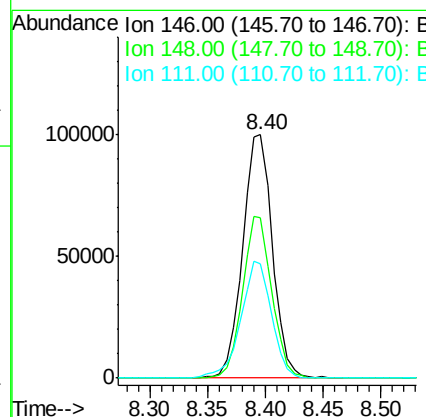
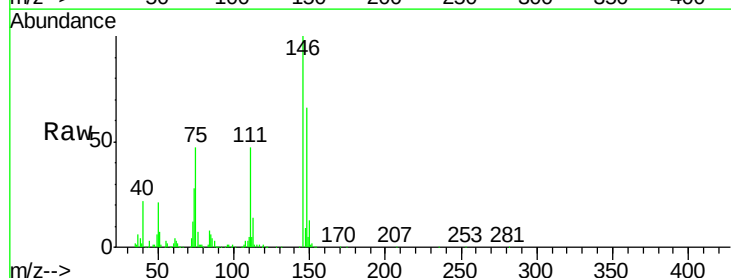
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

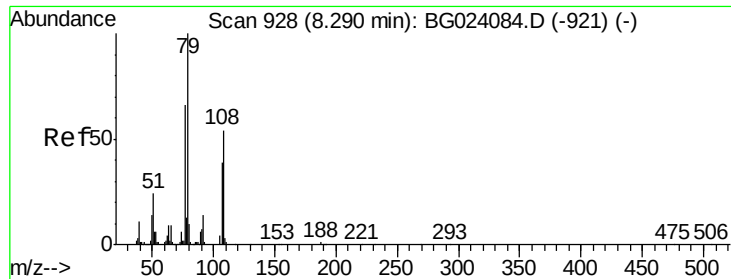
Tot Ion:146 Resp: 183144  
 Ion Ratio Lower Upper  
 146 100  
 148 69.4 54.5 81.7  
 111 46.0 37.8 56.8



#14  
 1,2-Dichlorobenzene  
 Concen: 38.18 ng  
 RT: 8.40 min Scan# 946  
 Delta R.T. 0.00 min  
 Lab File: BG024148.D  
 Acq: 28 Sep 2016 15:57

Tgt Ion:146 Resp: 178500  
 Ion Ratio Lower Upper  
 146 100  
 148 66.1 52.9 79.3  
 111 47.0 43.5 65.3





#15

Benzyl Alcohol

Concen: 31.86 ng

RT: 8.28 min Scan# 927

Delta R.T. -0.01 min

Lab File: BG024148.D

Acq: 28 Sep 2016 15:57

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

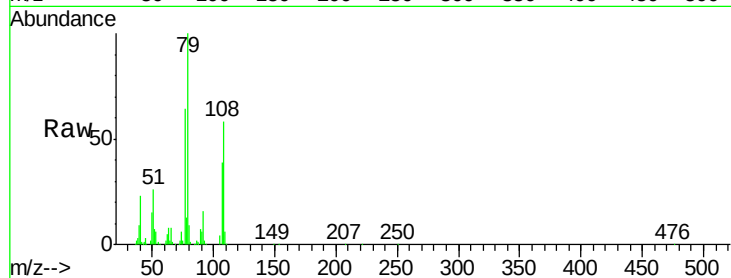
Tot Ion: 79 Resp: 182919

Ion Ratio Lower Upper

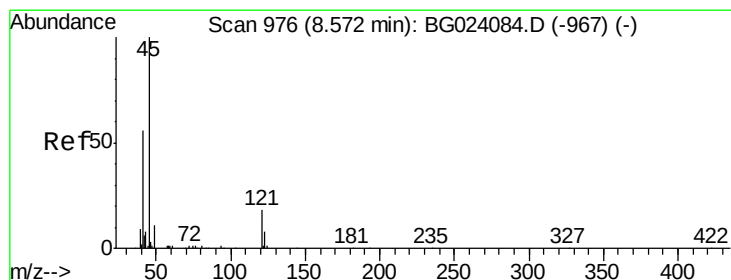
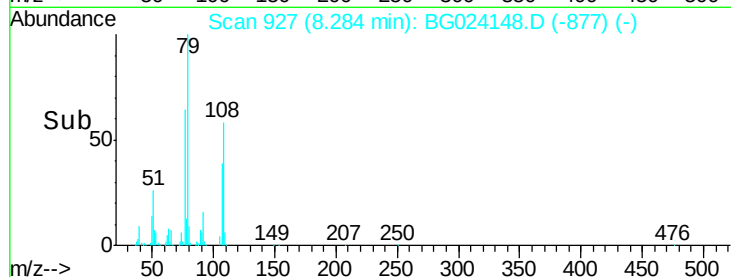
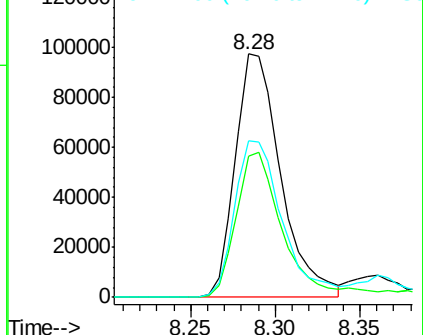
79 100

108 58.3 46.5 69.7

77 64.4 52.3 78.5



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



#16

2,2'-oxybis(1-chloropropane)

Concen: 35.65 ng

RT: 8.57 min Scan# 975

Delta R.T. -0.01 min

Lab File: BG024148.D

Acq: 28 Sep 2016 15:57

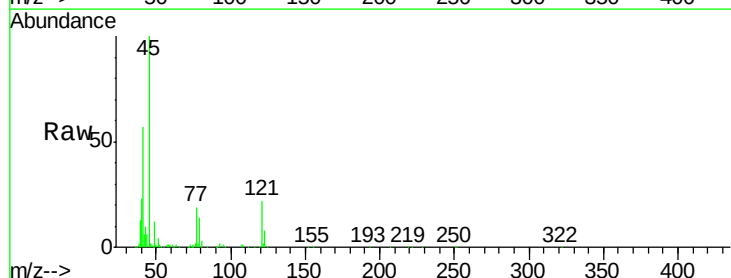
Tgt Ion: 45 Resp: 242080

Ion Ratio Lower Upper

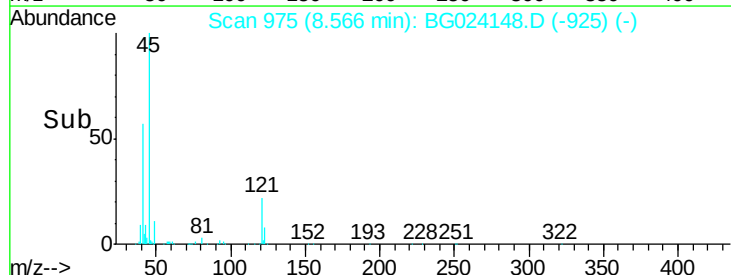
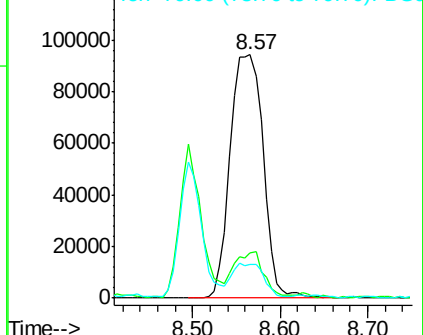
45 100

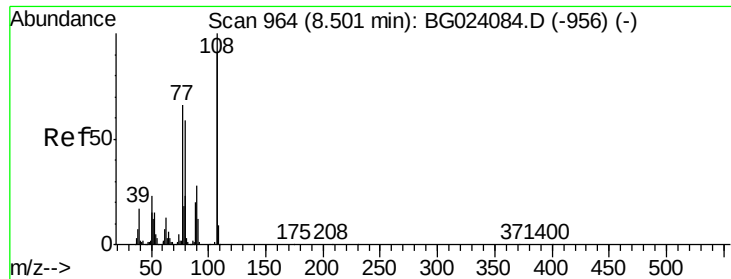
77 18.7 0.6 40.6

79 13.8 0.0 36.2



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

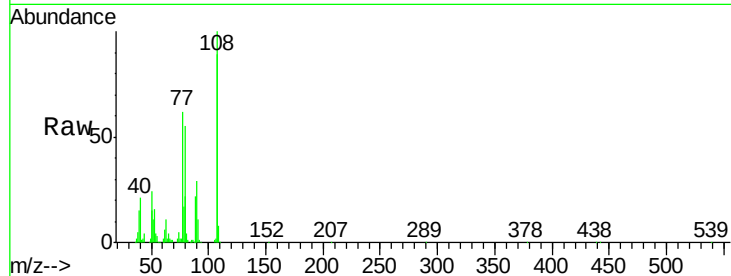




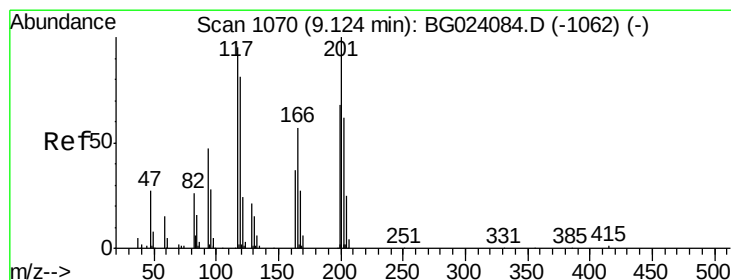
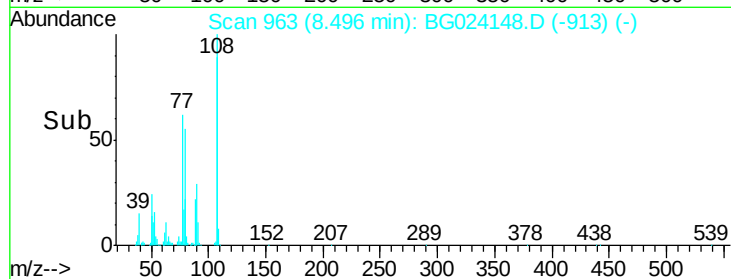
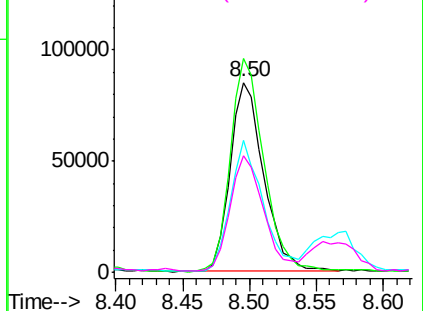
#17  
2-Methylphenol  
Concen: 36.04 ng  
RT: 8.50 min Scan# 963  
Delta R.T. -0.01 min  
Lab File: BG024148.D  
Acq: 28 Sep 2016 15:57

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 107   | Resp: | 149453 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 112.4 | 92.0  | 138.0  |
| 77       | 69.7  | 55.8  | 83.6   |
| 79       | 61.6  | 55.0  | 82.6   |

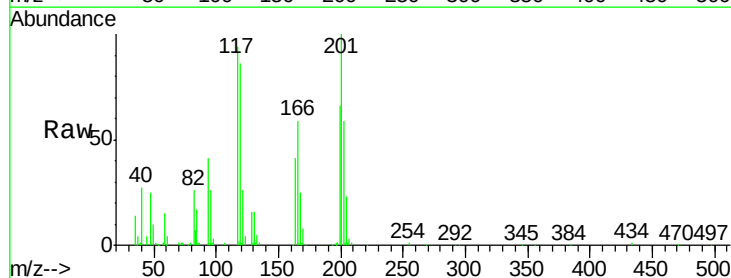


Abundance Ion 107.00 (106.70 to 107.70): E  
Ion 108.00 (107.70 to 108.70): E  
Ion 77.00 (76.70 to 77.70): BG  
Ion 79.00 (78.70 to 79.70): BG

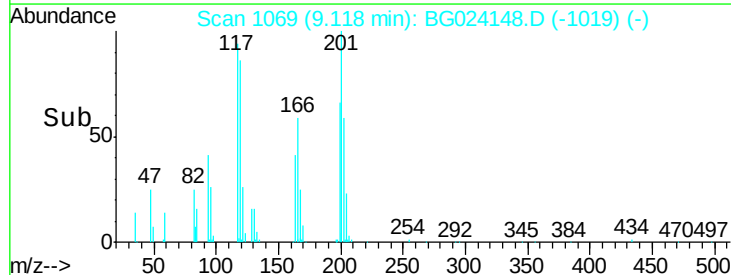
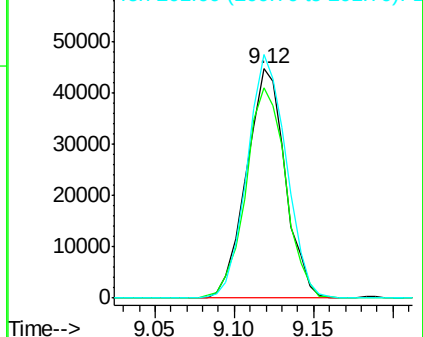


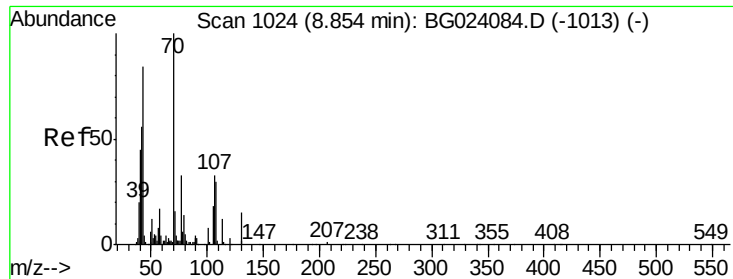
#18  
Hexachloroethane  
Concen: 37.51 ng  
RT: 9.12 min Scan# 1069  
Delta R.T. -0.01 min  
Lab File: BG024148.D  
Acq: 28 Sep 2016 15:57

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 75909 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 119      | 91.7  | 73.7  | 110.5 |
| 201      | 106.1 | 88.7  | 133.1 |



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

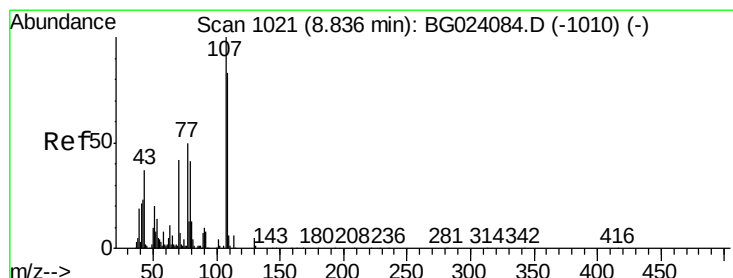
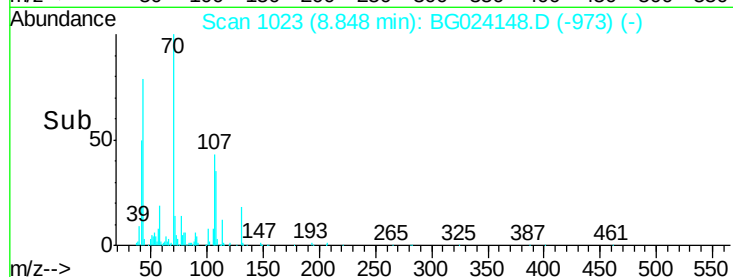
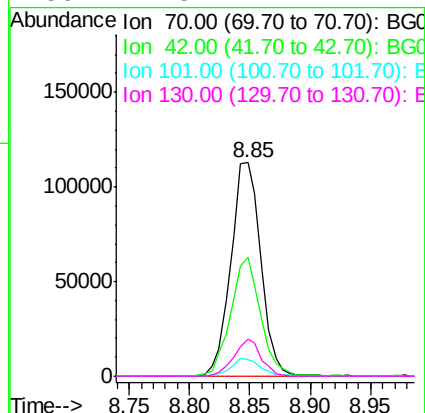
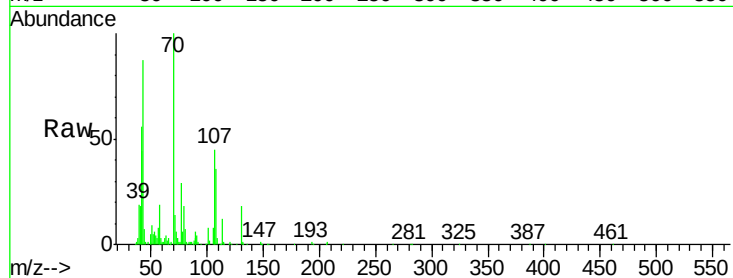




#19  
n-Nitroso-di-n-propylamine  
Concen: 33.49 ng  
RT: 8.85 min Scan# 1023  
Delta R.T. -0.01 min  
Lab File: BG024148.D  
Acq: 28 Sep 2016 15:57

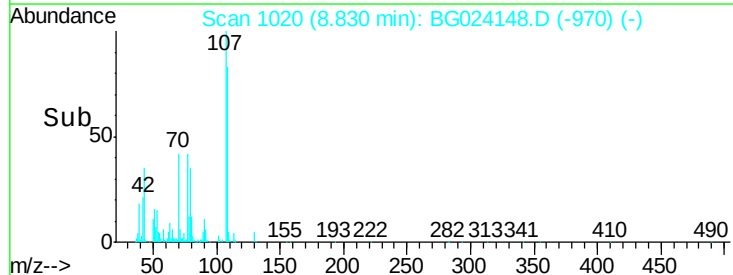
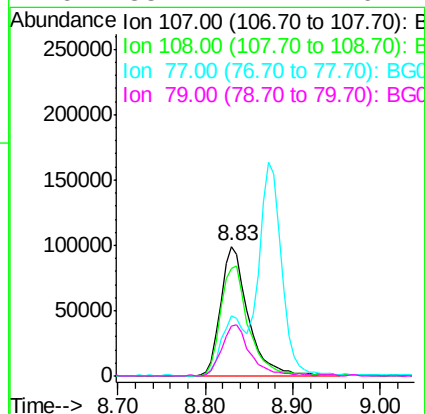
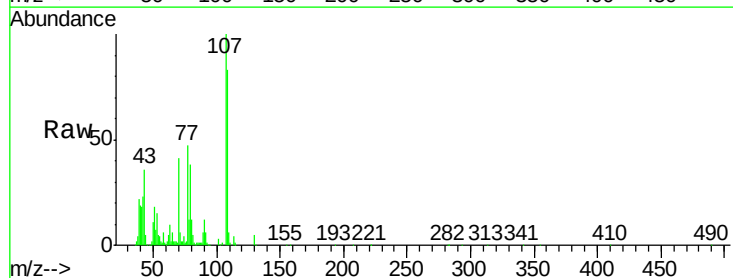
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

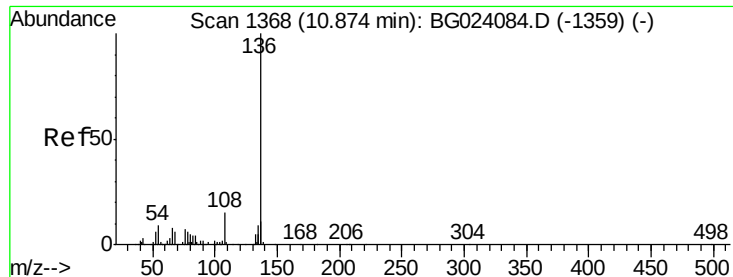
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 70    | Resp: | 195127 |
| Ion      | Ratio | Lower | Upper  |
| 70       | 100   |       |        |
| 42       | 55.6  | 42.1  | 63.1   |
| 101      | 7.9   | 7.2   | 10.8   |
| 130      | 17.5  | 14.2  | 21.2   |



#20  
3+4-Methylphenols  
Concen: 35.75 ng  
RT: 8.83 min Scan# 1020  
Delta R.T. -0.01 min  
Lab File: BG024148.D  
Acq: 28 Sep 2016 15:57

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 215283 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 83.3  | 72.5  | 112.5  |
| 77       | 46.6  | 30.1  | 70.1   |
| 79       | 38.4  | 24.2  | 64.2   |

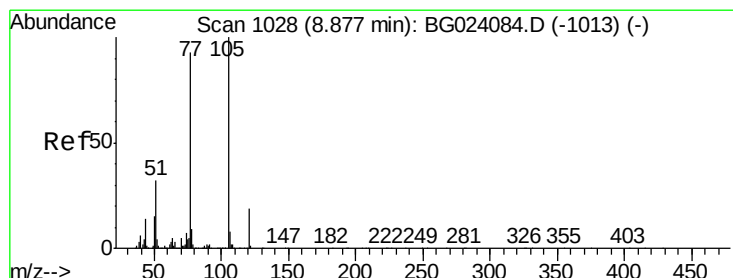
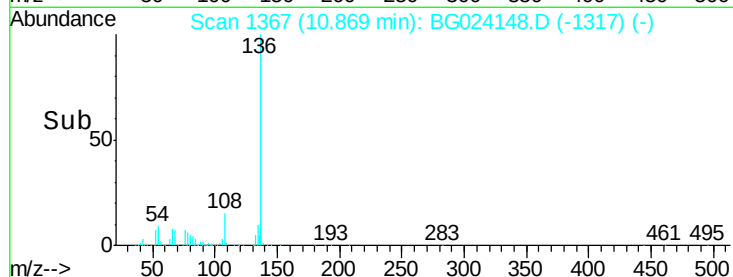
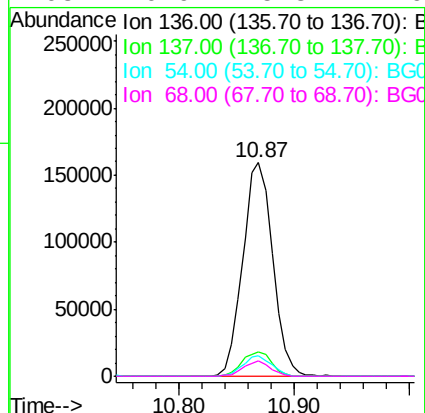
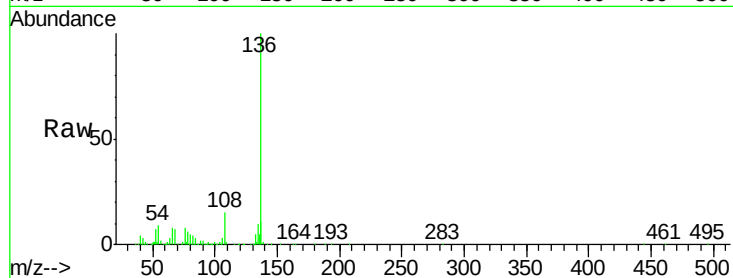




#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 10.87 min Scan# 1367  
Delta R.T. -0.01 min  
Lab File: BG024148.D  
Acq: 28 Sep 2016 15:57

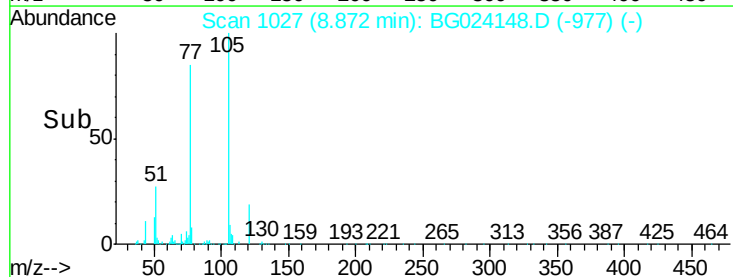
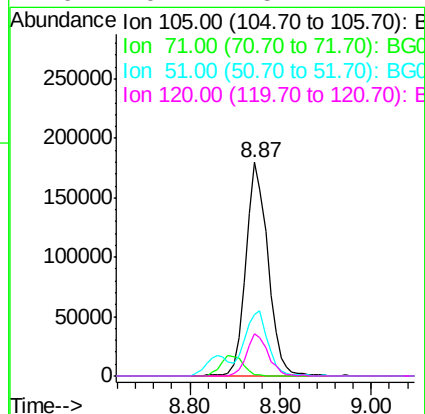
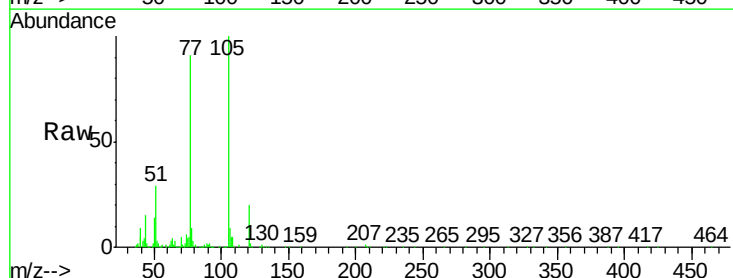
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

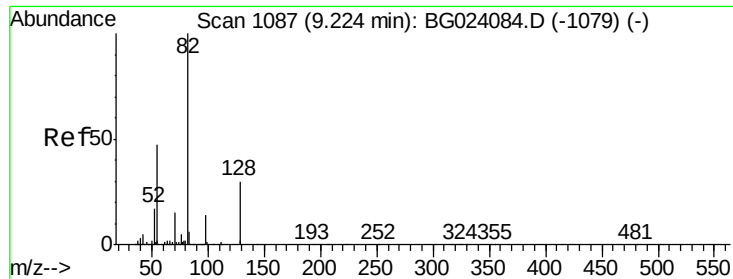
|             |       |          |
|-------------|-------|----------|
| Tot Ion:136 | Resp: | 286542   |
| Ion Ratio   | Lower | Upper    |
| 136         | 100   |          |
| 137         | 11.3  | 9.6 14.4 |
| 54          | 9.3   | 7.3 10.9 |
| 68          | 6.9   | 5.3 7.9  |



#22  
Acetophenone  
Concen: 36.84 ng  
RT: 8.87 min Scan# 1027  
Delta R.T. -0.01 min  
Lab File: BG024148.D  
Acq: 28 Sep 2016 15:57

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:105 | Resp: | 304519    |
| Ion Ratio   | Lower | Upper     |
| 105         | 100   |           |
| 71          | 0.7   | 2.6 3.8#  |
| 51          | 29.0  | 27.1 40.7 |
| 120         | 19.7  | 15.1 22.7 |

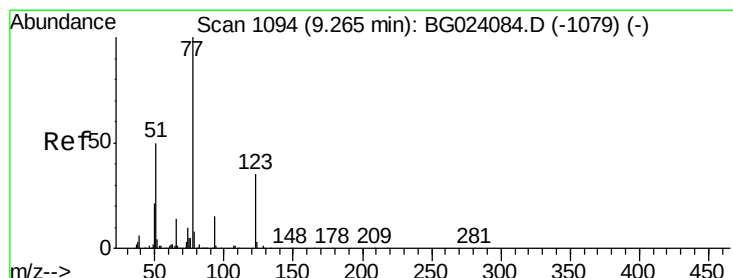
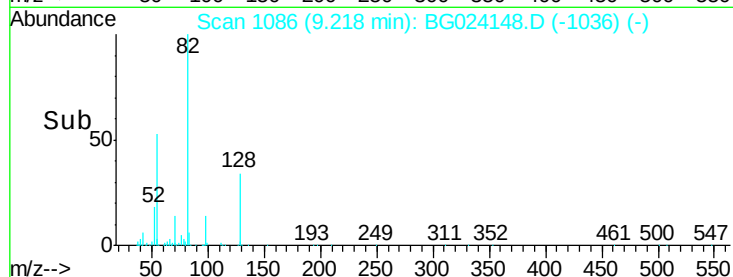
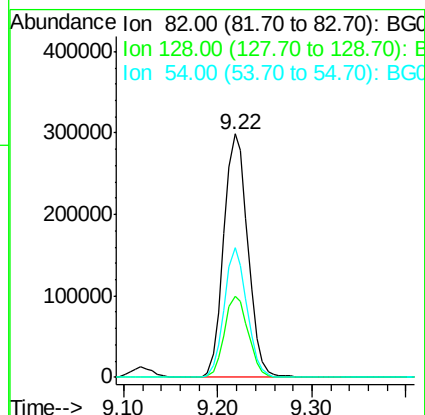
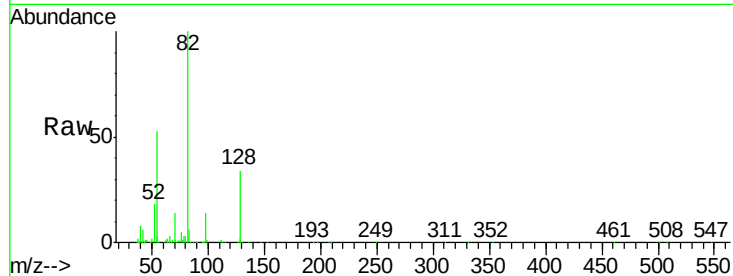




#23  
Nitrobenzene-d5  
Concen: 73.73 ng  
RT: 9.22 min Scan# 1086  
Delta R.T. -0.01 min  
Lab File: BG024148.D  
Acq: 28 Sep 2016 15:57

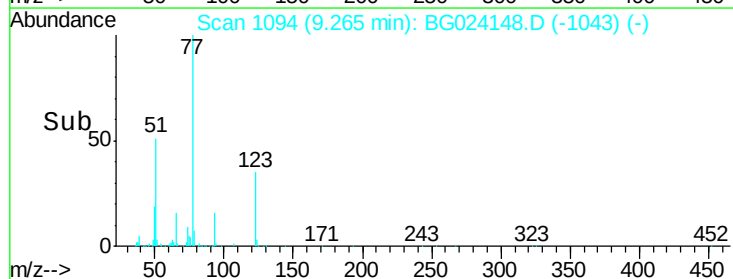
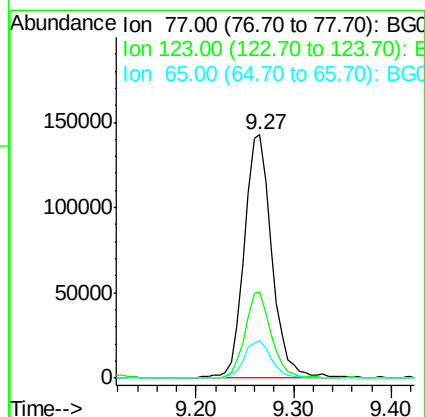
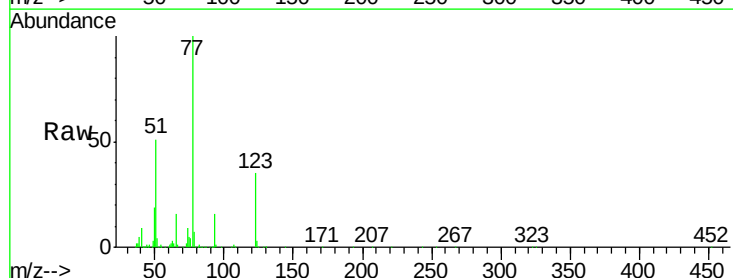
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

| Tot Ion   | 82    | Resp  | 536033 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 128       | 33.6  | 24.4  | 36.6   |
| 54        | 53.2  | 41.4  | 62.0   |

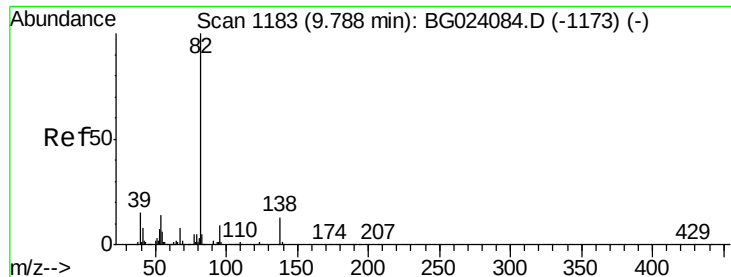


#24  
Nitrobenzene  
Concen: 35.99 ng  
RT: 9.27 min Scan# 1094  
Delta R.T. 0.00 min  
Lab File: BG024148.D  
Acq: 28 Sep 2016 15:57

| Tgt Ion   | 77    | Resp  | 280463 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 77        | 100   |       |        |
| 123       | 35.2  | 25.0  | 37.6   |
| 65        | 15.5  | 13.4  | 20.0   |







#25

Isophorone

Concen: 35.24 ng

RT: 9.78 min Scan# 1182

Delta R.T. -0.01 min

Lab File: BG024148.D

Acq: 28 Sep 2016 15:57

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

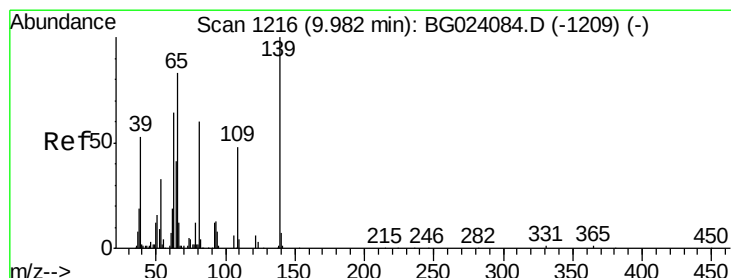
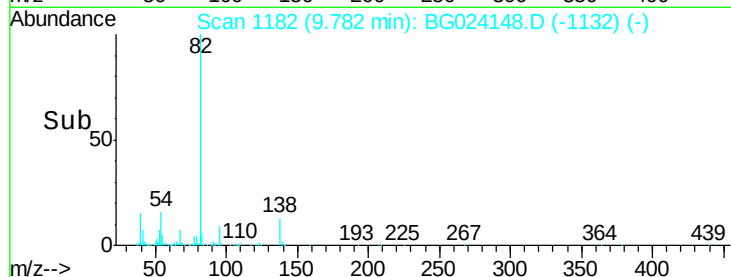
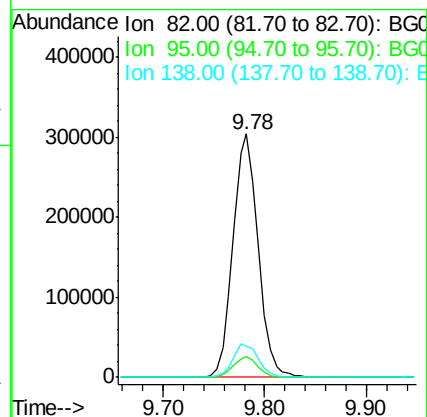
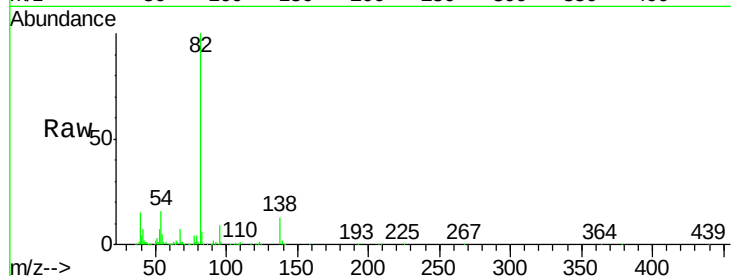
Tot Ion: 82 Resp: 522569

Ion Ratio Lower Upper

82 100

95 8.7 8.2 12.2

138 13.0 10.7 16.1



#26

2-Nitrophenol

Concen: 38.49 ng

RT: 9.98 min Scan# 1216

Delta R.T. 0.00 min

Lab File: BG024148.D

Acq: 28 Sep 2016 15:57

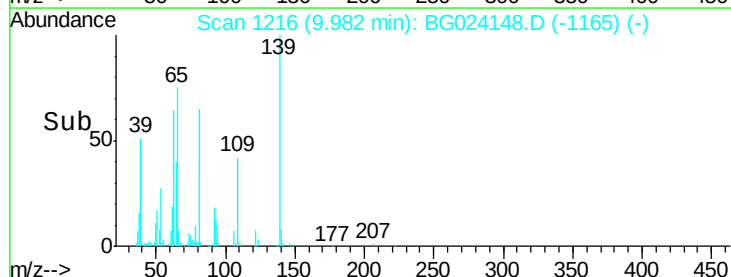
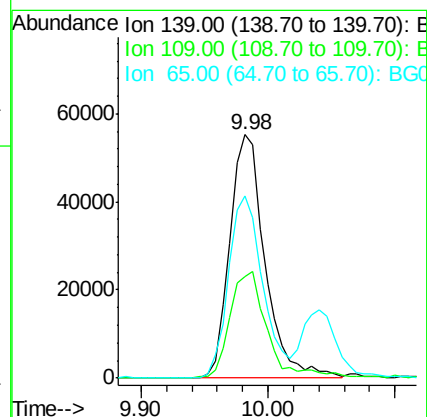
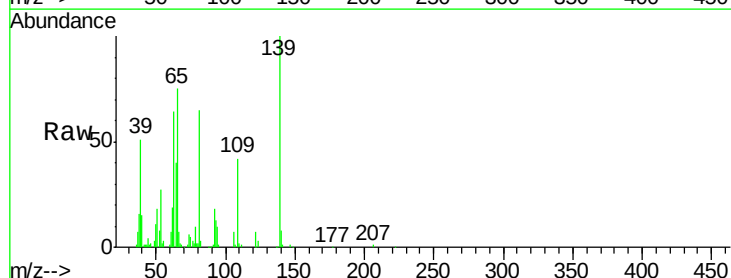
Tgt Ion: 139 Resp: 106382

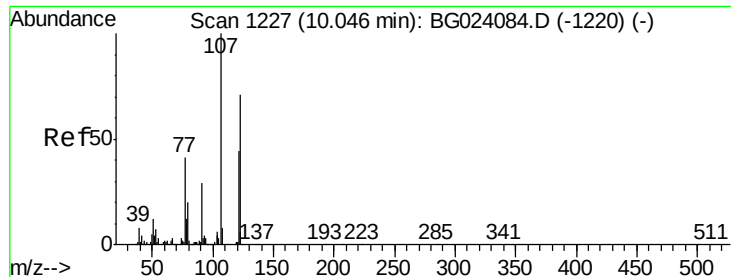
Ion Ratio Lower Upper

139 100

109 41.6 43.5 65.3#

65 75.0 64.3 96.5

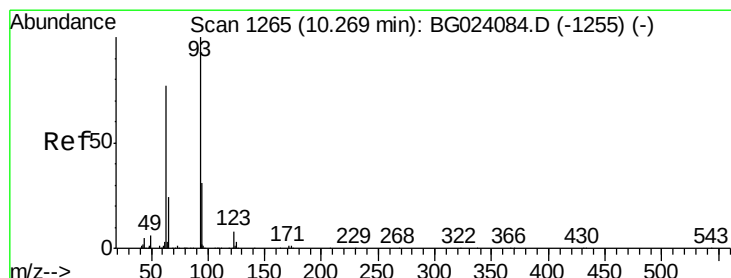
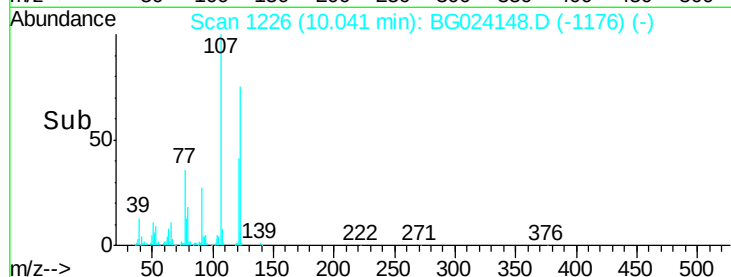
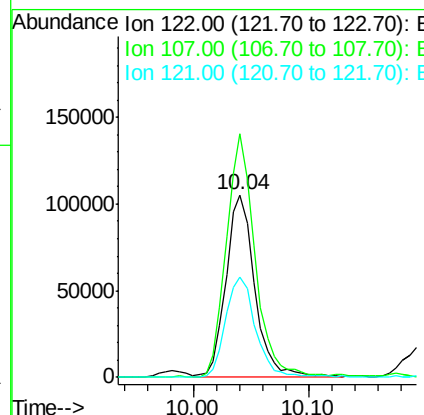
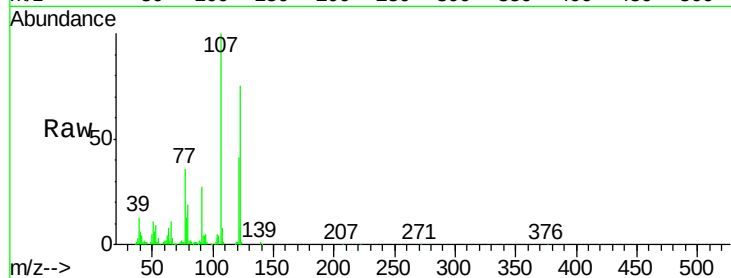




#27  
2,4-Dimethylphenol  
Concen: 38.79 ng  
RT: 10.04 min Scan# 1226  
Delta R.T. -0.01 min  
Lab File: BG024148.D  
Acq: 28 Sep 2016 15:57

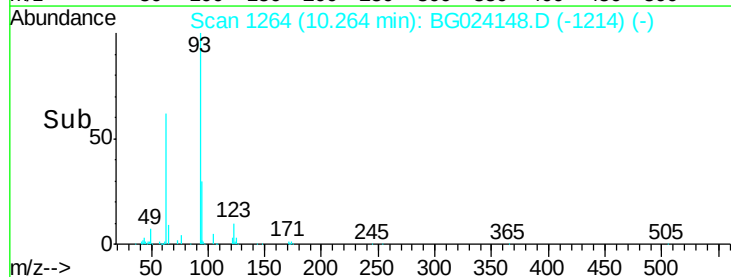
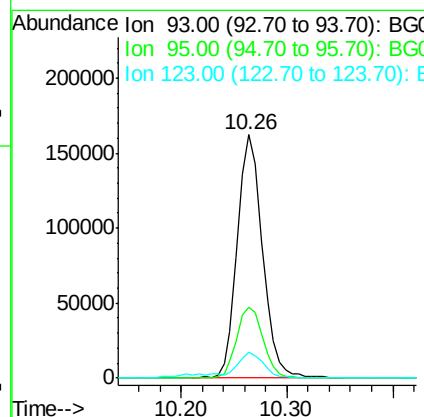
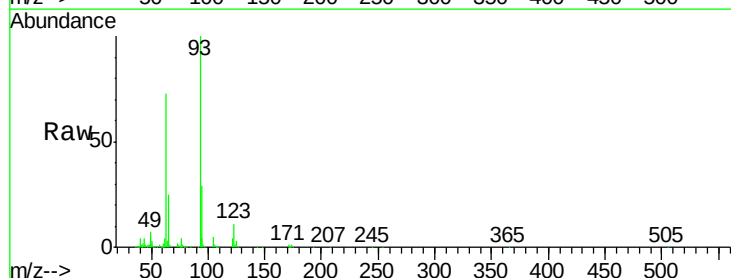
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

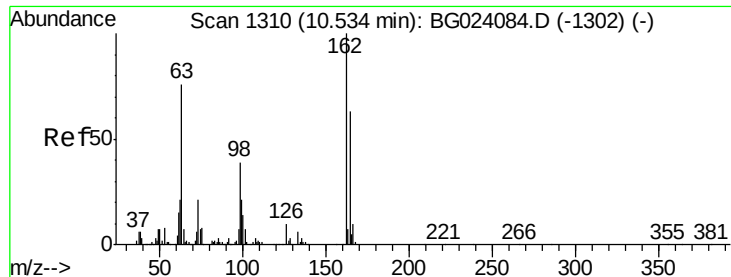
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 133.6 | 117.0 | 175.4 |
| 121     | 55.2  | 50.1  | 75.1  |



#28  
bis(2-Chloroethoxy)methane  
Concen: 36.82 ng  
RT: 10.26 min Scan# 1264  
Delta R.T. -0.01 min  
Lab File: BG024148.D  
Acq: 28 Sep 2016 15:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 29.1  | 25.4  | 38.2  |
| 123     | 10.6  | 8.2   | 12.2  |

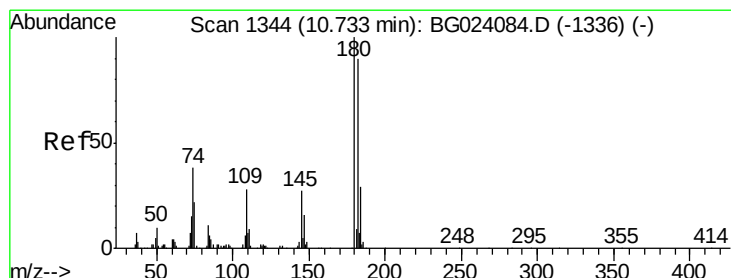
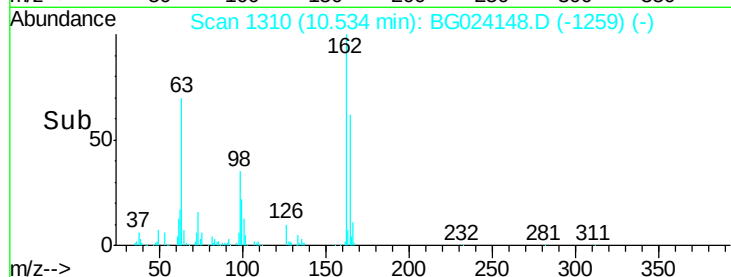
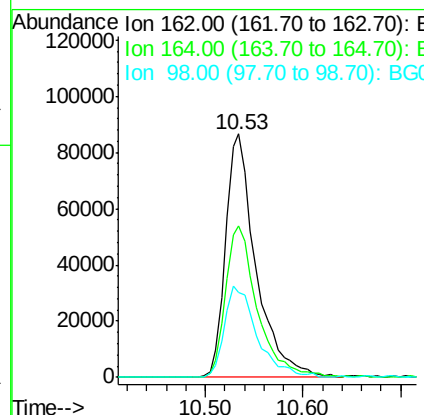
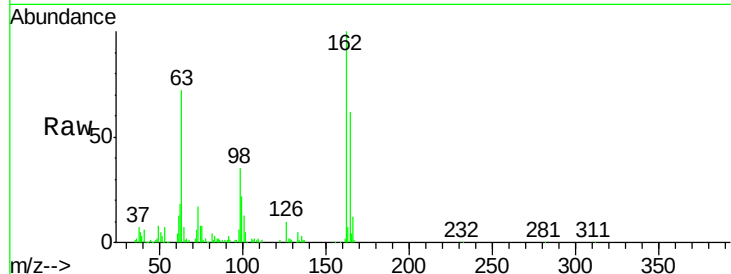




#29  
 2,4-Dichlorophenol  
 Concen: 38.80 ng  
 RT: 10.53 min Scan# 1310  
 Delta R.T. 0.00 min  
 Lab File: BG024148.D  
 Acq: 28 Sep 2016 15:57

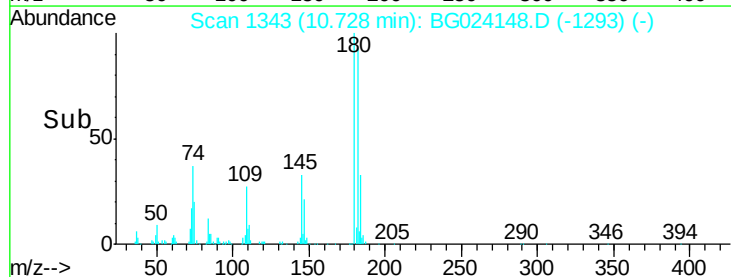
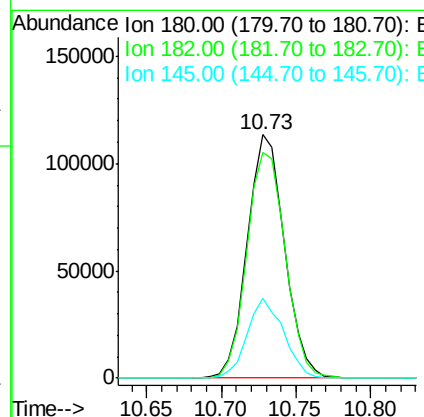
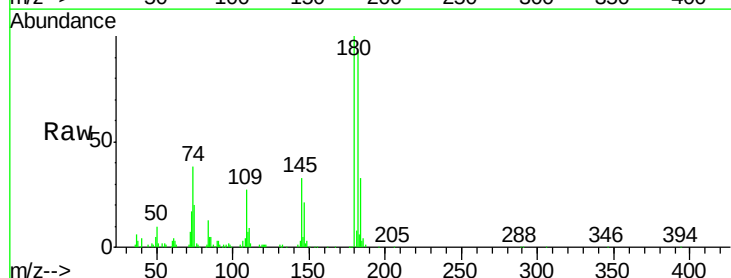
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

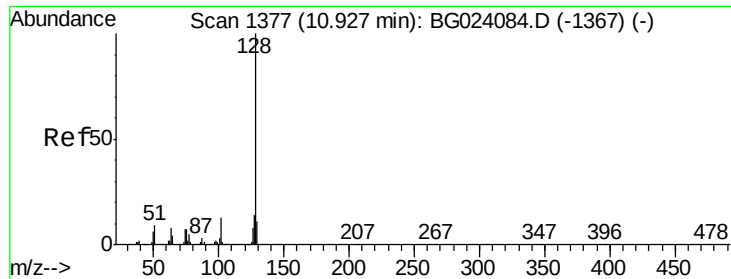
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 62.2  | 44.3  | 84.3  |
| 98      | 35.1  | 19.5  | 59.5  |



#30  
 1,2,4-Trichlorobenzene  
 Concen: 37.98 ng  
 RT: 10.73 min Scan# 1343  
 Delta R.T. -0.01 min  
 Lab File: BG024148.D  
 Acq: 28 Sep 2016 15:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 92.9  | 73.8  | 110.8 |
| 145     | 32.5  | 24.4  | 36.6  |

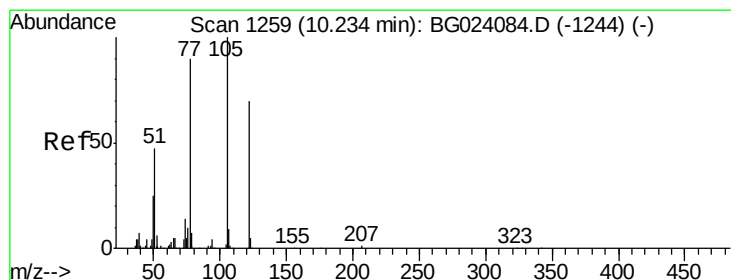
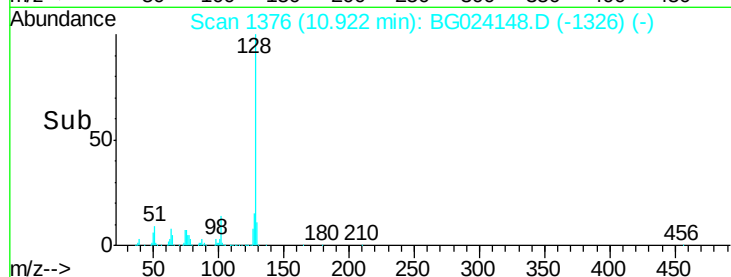
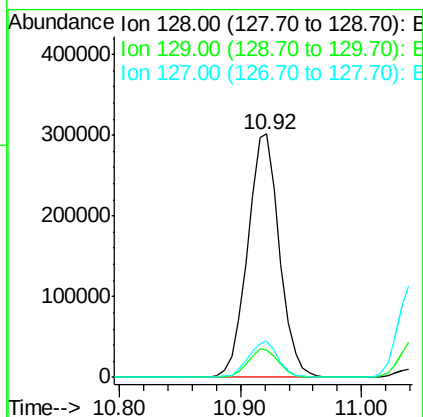
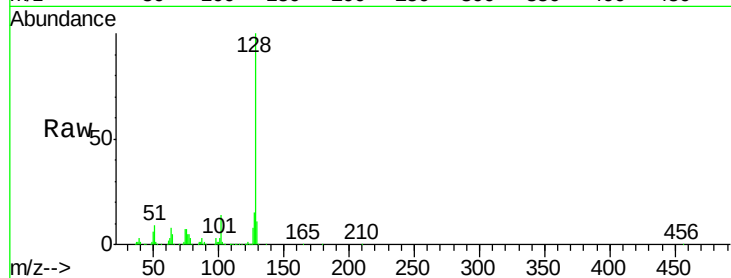




#31  
Naphthalene  
Concen: 37.94 ng  
RT: 10.92 min Scan# 1376  
Delta R.T. -0.01 min  
Lab File: BG024148.D  
Acq: 28 Sep 2016 15:57

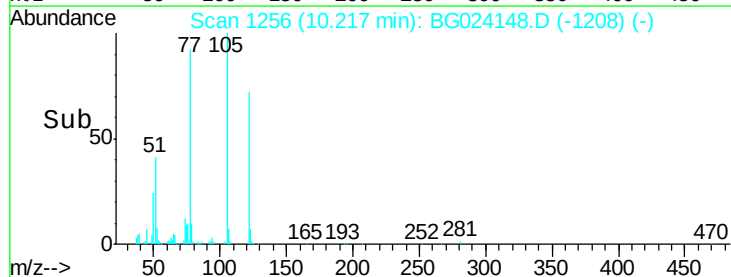
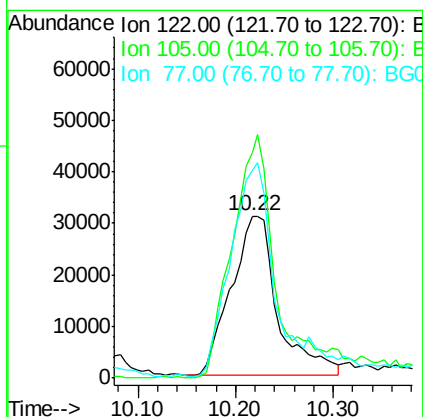
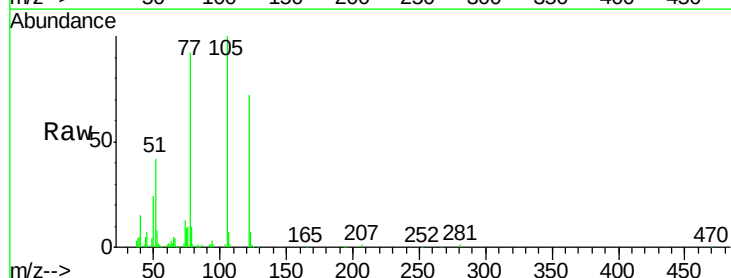
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

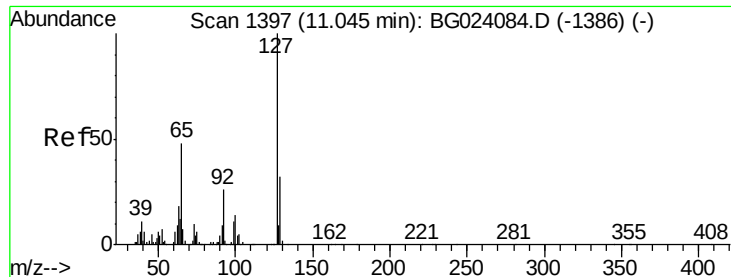
Tot Ion:128 Resp: 550764  
Ion Ratio Lower Upper  
128 100  
129 11.0 9.4 14.0  
127 14.7 11.3 16.9



#32  
Benzoic acid  
Concen: 30.58 ng  
RT: 10.22 min Scan# 1256  
Delta R.T. -0.02 min  
Lab File: BG024148.D  
Acq: 28 Sep 2016 15:57

Tgt Ion:122 Resp: 103003  
Ion Ratio Lower Upper  
122 100  
105 138.8 117.2 157.2  
77 127.7 109.2 149.2

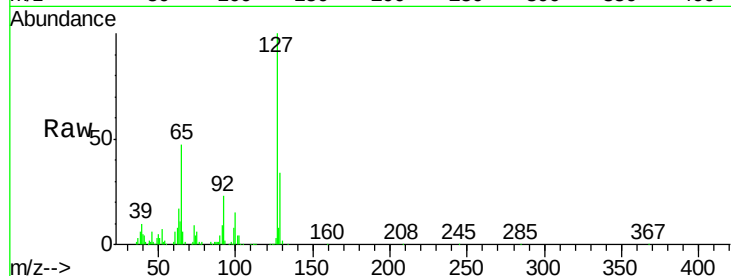




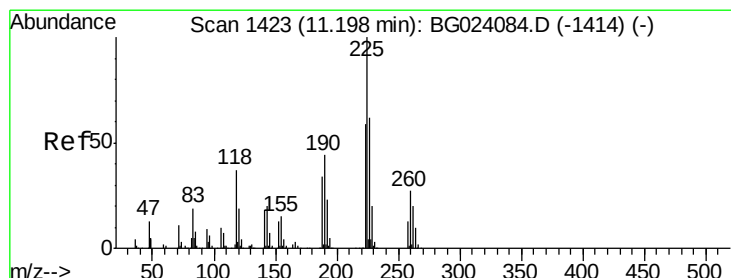
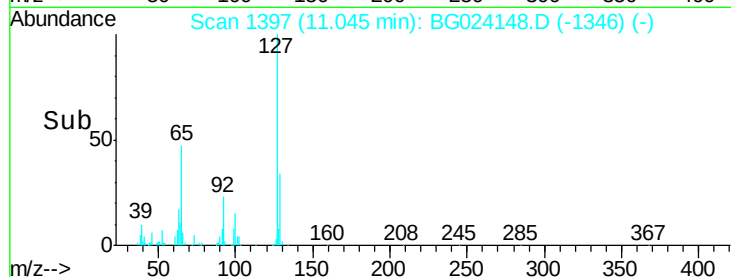
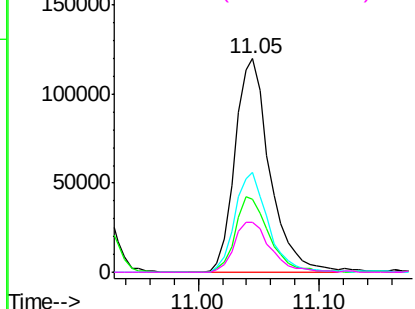
#33  
4-Chloroaniline  
Concen: 37.08 ng  
RT: 11.05 min Scan# 1397  
Delta R.T. 0.00 min  
Lab File: BG024148.D  
Acq: 28 Sep 2016 15:57

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 127   | Resp: | 240256 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 34.1  | 27.9  | 41.9   |
| 65       | 47.0  | 36.8  | 55.2   |
| 92       | 23.4  | 21.0  | 31.6   |

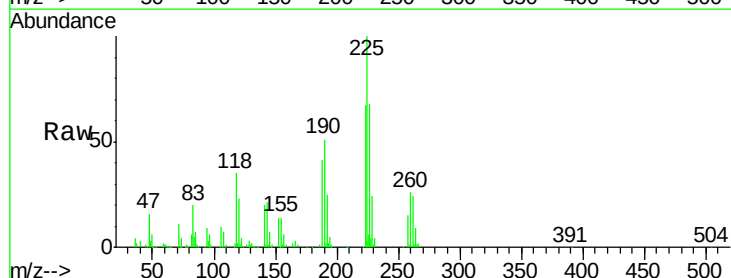


Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BG  
Ion 92.00 (91.70 to 92.70): BG

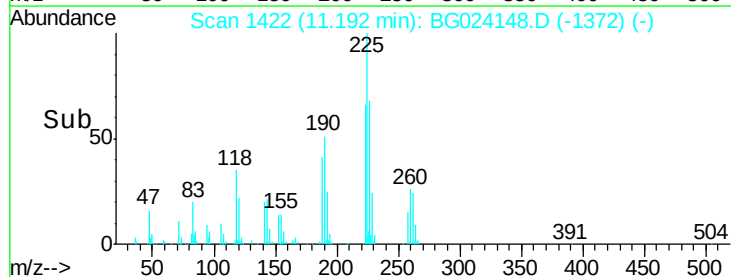
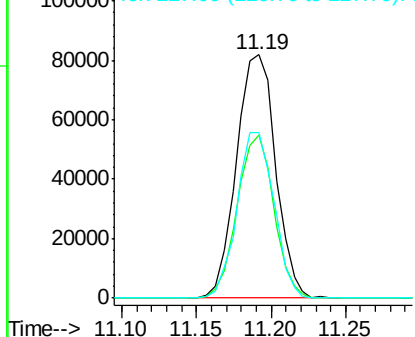


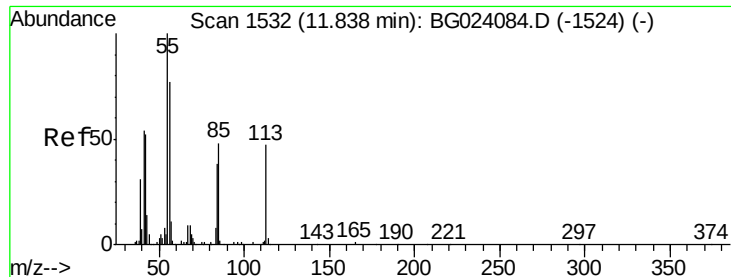
#34  
Hexachlorobutadiene  
Concen: 36.69 ng  
RT: 11.19 min Scan# 1422  
Delta R.T. -0.01 min  
Lab File: BG024148.D  
Acq: 28 Sep 2016 15:57

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 148732 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 66.9  | 49.6  | 74.4   |
| 227      | 67.8  | 54.5  | 81.7   |



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: 32.44 ng

RT: 11.83 min Scan# 1530

Delta R.T. -0.01 min

Lab File: BG024148.D

Acq: 28 Sep 2016 15:57

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

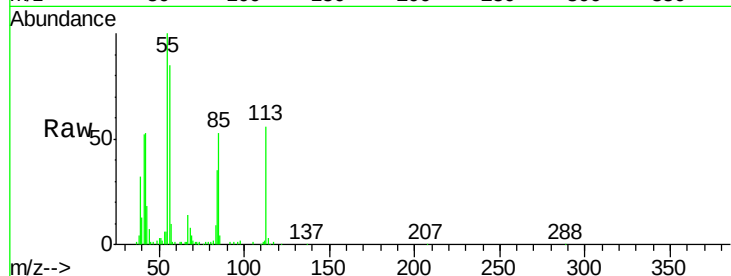
Tot Ion:113 Resp: 63478

Ion Ratio Lower Upper

113 100

55 178.5 154.5 194.5

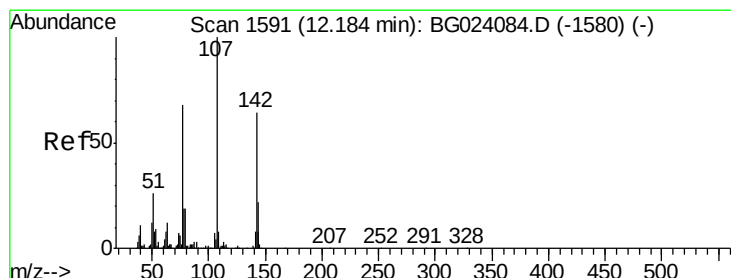
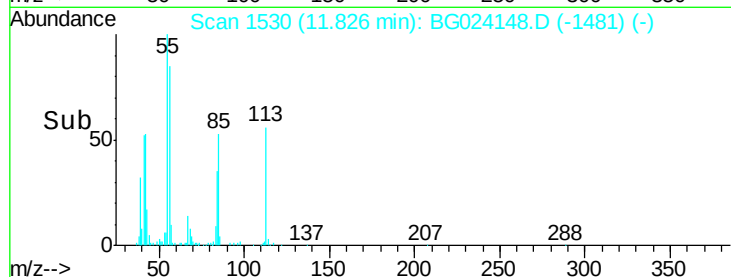
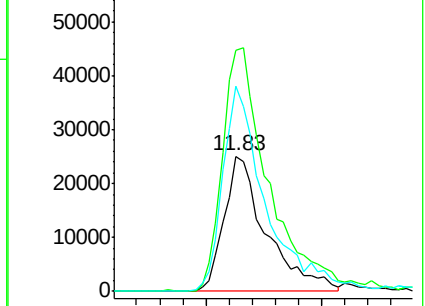
56 152.2 125.1 165.1



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 36.92 ng

RT: 12.18 min Scan# 1590

Delta R.T. -0.01 min

Lab File: BG024148.D

Acq: 28 Sep 2016 15:57

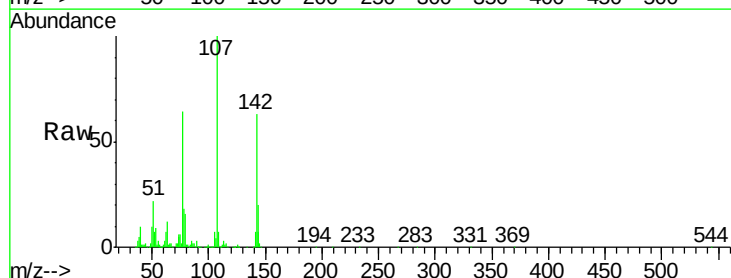
Tgt Ion:107 Resp: 249921

Ion Ratio Lower Upper

107 100

144 19.5 17.0 25.6

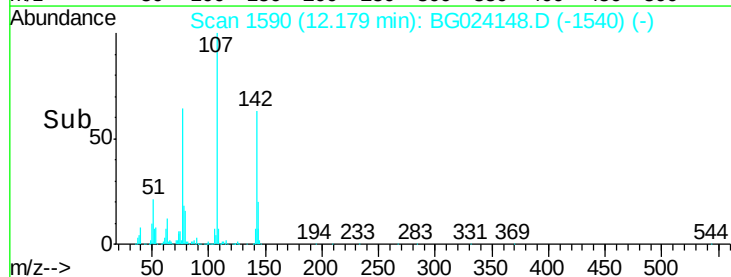
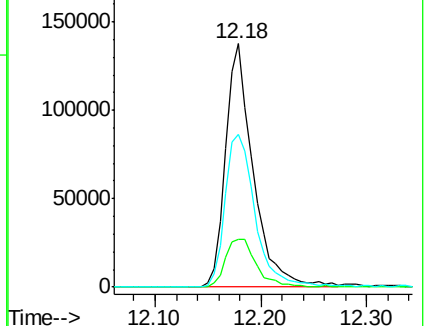
142 62.9 53.0 79.6

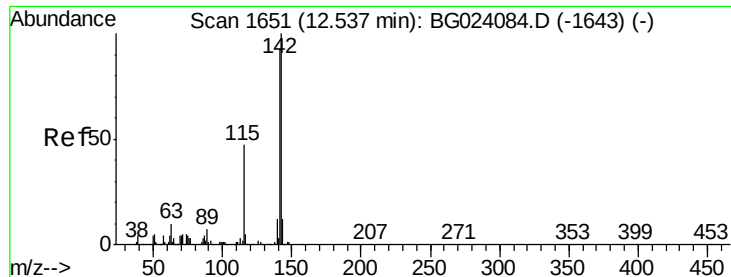


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

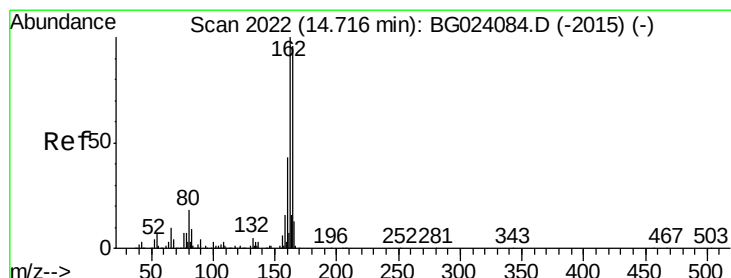
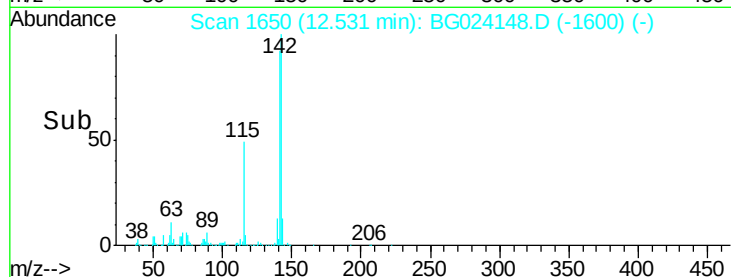
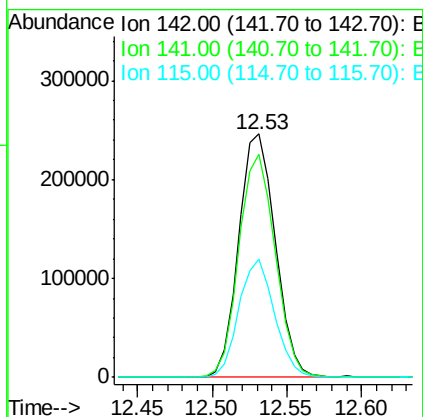
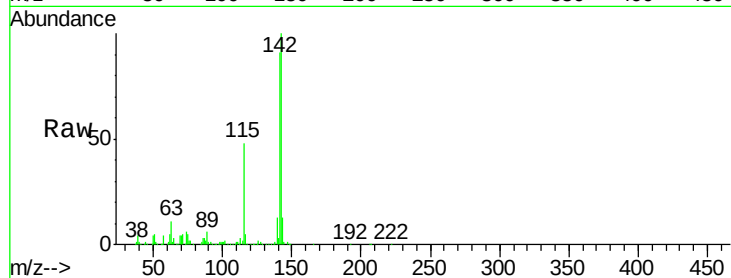




#37  
2-Methylnaphthalene  
Concen: 37.70 ng  
RT: 12.53 min Scan# 1650  
Delta R.T. -0.01 min  
Lab File: BG024148.D  
Acq: 28 Sep 2016 15:57

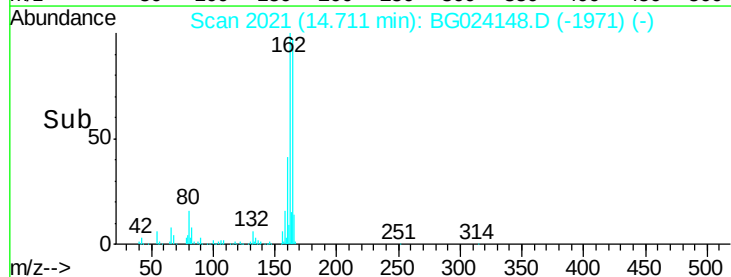
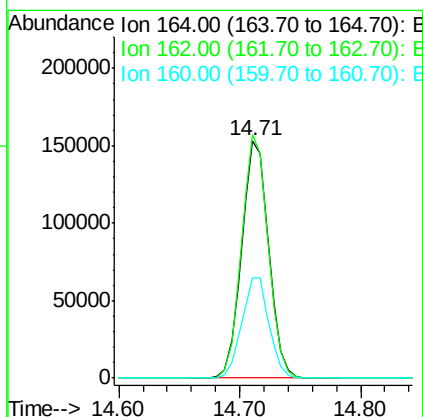
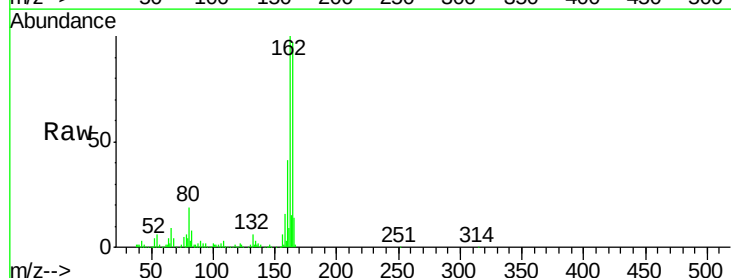
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

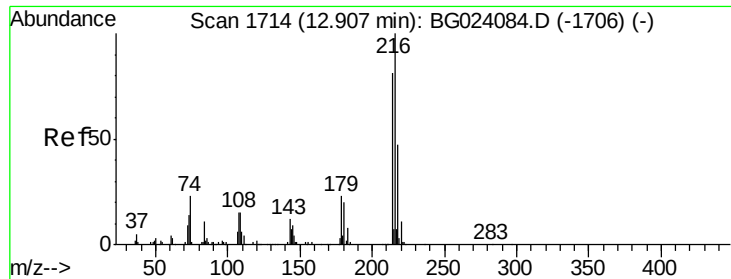
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 91.4  | 70.2  | 105.2 |
| 115     | 48.4  | 41.7  | 62.5  |



#38  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 14.71 min Scan# 2021  
Delta R.T. -0.01 min  
Lab File: BG024148.D  
Acq: 28 Sep 2016 15:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 102.6 | 87.7  | 131.5 |
| 160     | 42.5  | 37.2  | 55.8  |





#39

1,2,4,5-Tetrachlorobenzene

Concen: 38.62 ng

RT: 12.90 min Scan# 1713

Delta R.T. -0.01 min

Lab File: BG024148.D

Acq: 28 Sep 2016 15:57

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

Tot Ion:216 Resp: 269386

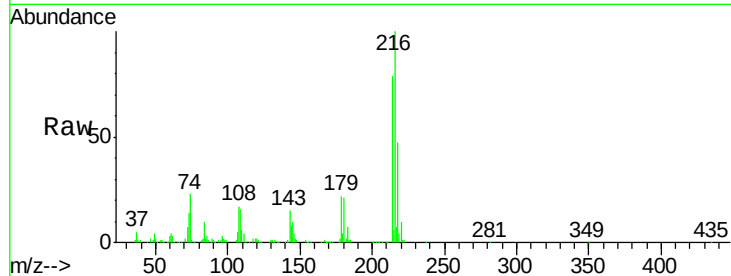
Ion Ratio Lower Upper

216 100

214 78.7 62.9 94.3

179 21.1 17.2 25.8

108 18.6 16.3 24.5

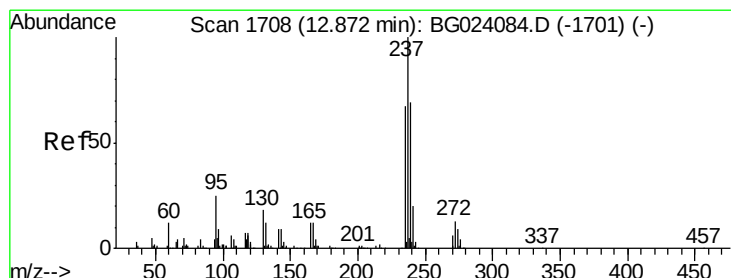
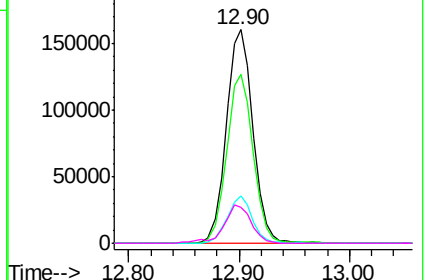
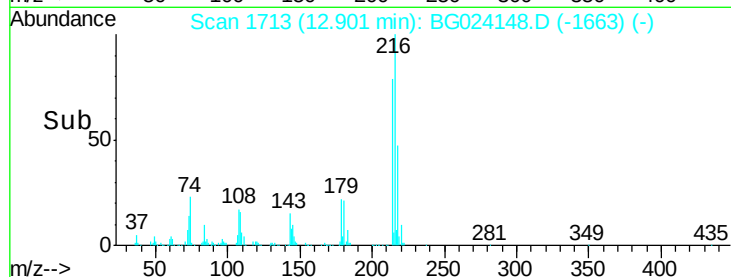


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 36.70 ng

RT: 12.87 min Scan# 1707

Delta R.T. -0.00 min

Lab File: BG024148.D

Acq: 28 Sep 2016 15:57

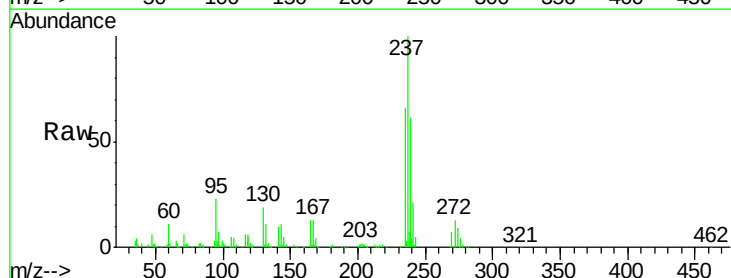
Tgt Ion:237 Resp: 96989

Ion Ratio Lower Upper

237 100

235 65.6 43.1 83.1

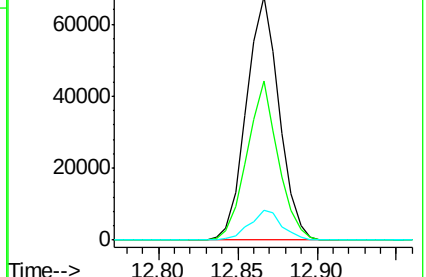
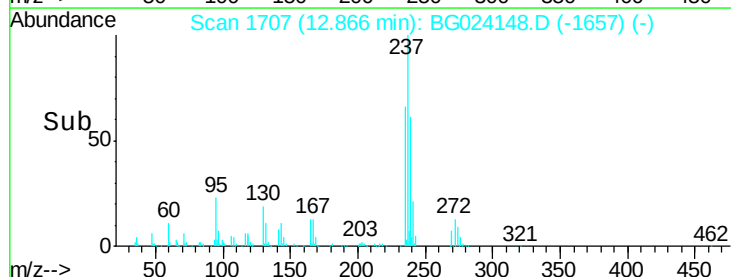
272 12.5 0.0 30.9



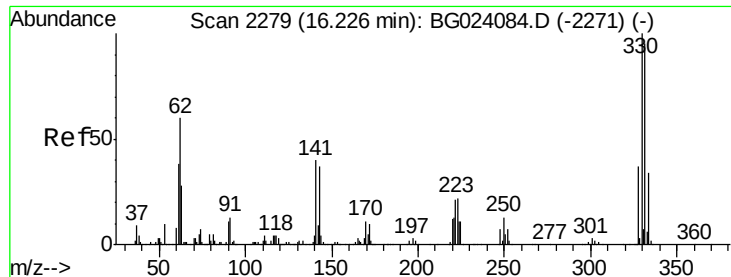
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



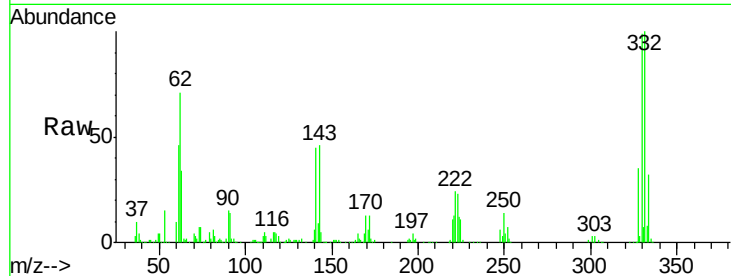




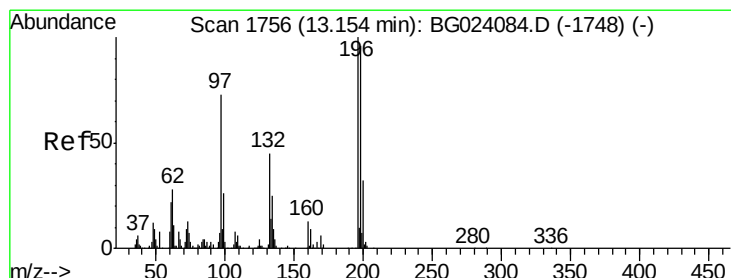
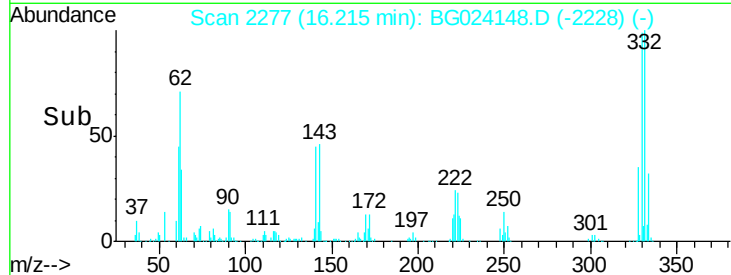
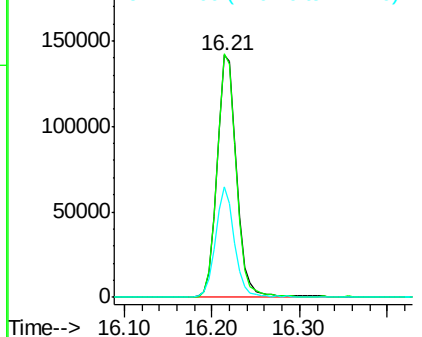
#41  
 2,4,6-Tribromophenol  
 Concen: 64.32 ng  
 RT: 16.21 min Scan# 2277  
 Delta R.T. -0.01 min  
 Lab File: BG024148.D  
 Acq: 28 Sep 2016 15:57

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 98.3  | 77.4  | 116.2 |
| 141     | 43.6  | 31.7  | 47.5  |

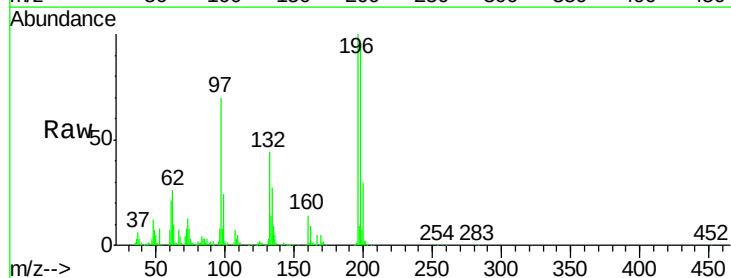


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

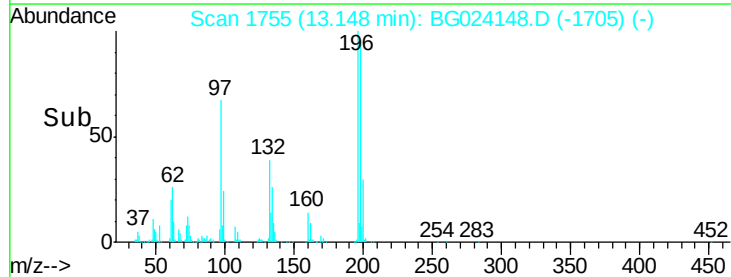
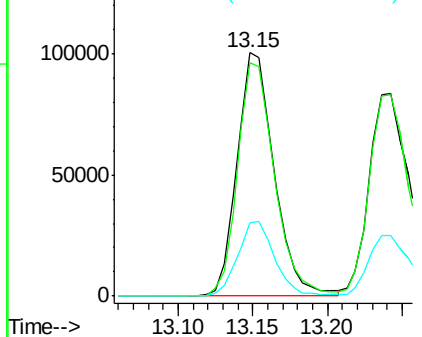


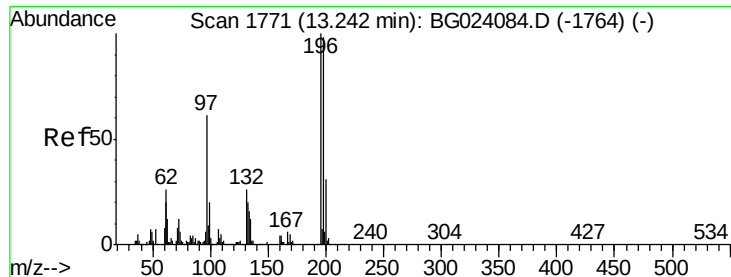
#42  
 2,4,6-Trichlorophenol  
 Concen: 38.45 ng  
 RT: 13.15 min Scan# 1755  
 Delta R.T. -0.01 min  
 Lab File: BG024148.D  
 Acq: 28 Sep 2016 15:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 95.9  | 78.2  | 117.2 |
| 200     | 30.0  | 27.0  | 40.4  |



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

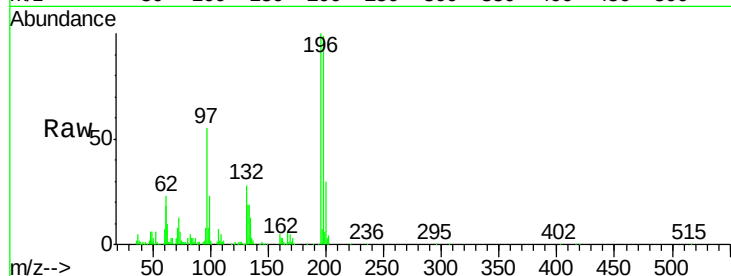




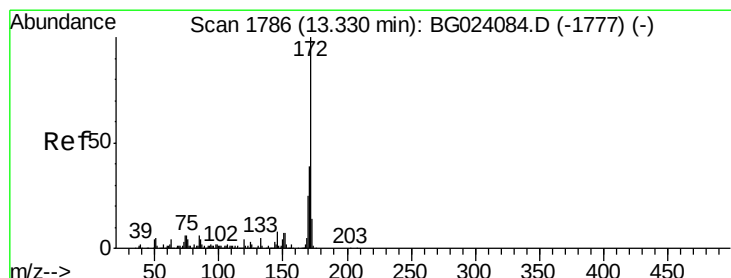
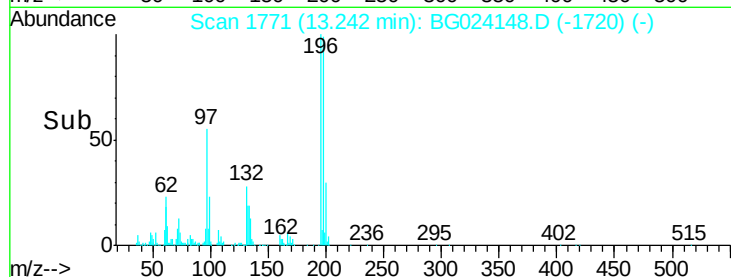
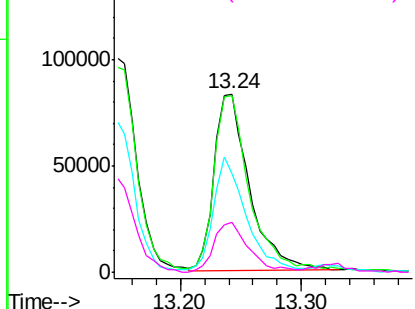
#43  
 2,4,5-Trichlorophenol  
 Concen: 36.27 ng  
 RT: 13.24 min Scan# 1771  
 Delta R.T. 0.00 min  
 Lab File: BG024148.D  
 Acq: 28 Sep 2016 15:57

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 196   | Resp: | 168370 |
| Ion      | Ratio | Lower | Upper  |
| 196      | 100   |       |        |
| 198      | 99.2  | 85.7  | 128.5  |
| 97       | 55.5  | 45.5  | 68.3   |
| 132      | 27.9  | 18.9  | 28.3   |

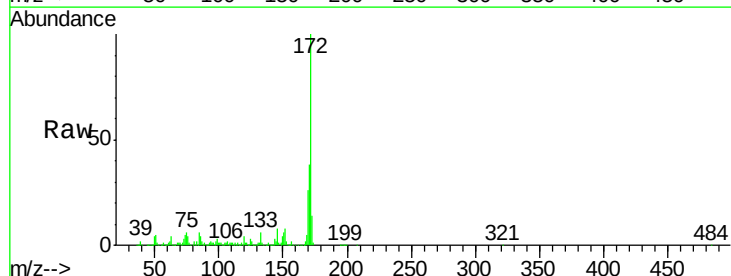


Abundance Ion 196.00 (195.70 to 196.70): E  
 Ion 198.00 (197.70 to 198.70): E  
 Ion 97.00 (96.70 to 97.70): BG  
 Ion 132.00 (131.70 to 132.70): E

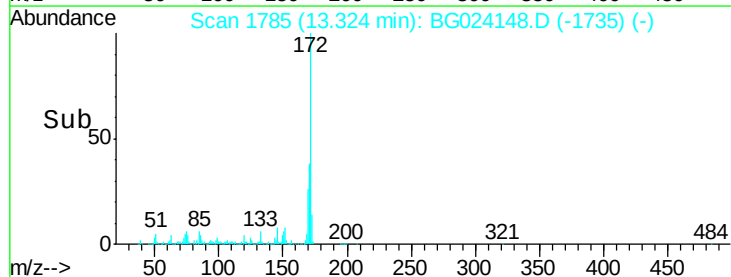
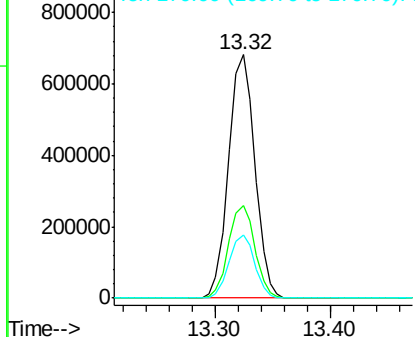


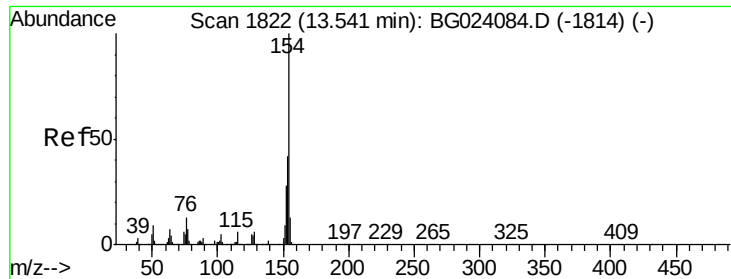
#44  
 2-Fluorobiphenyl  
 Concen: 75.76 ng  
 RT: 13.32 min Scan# 1785  
 Delta R.T. -0.01 min  
 Lab File: BG024148.D  
 Acq: 28 Sep 2016 15:57

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 172   | Resp: | 1076937 |
| Ion      | Ratio | Lower | Upper   |
| 172      | 100   |       |         |
| 171      | 38.1  | 31.6  | 47.4    |
| 170      | 26.1  | 21.3  | 31.9    |



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





#45

1,1'-Biphenyl

Concen: 39.09 ng

RT: 13.54 min Scan# 1821

Delta R.T. -0.01 min

Lab File: BG024148.D

Acq: 28 Sep 2016 15:57

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

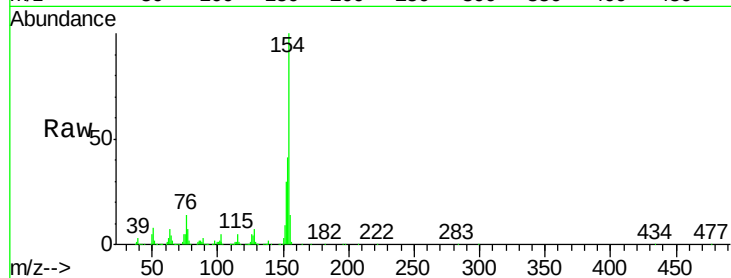
Tot Ion:154 Resp: 638666

Ion Ratio Lower Upper

154 100

153 40.9 20.2 60.2

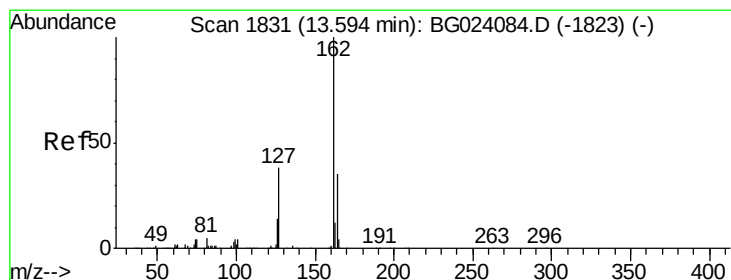
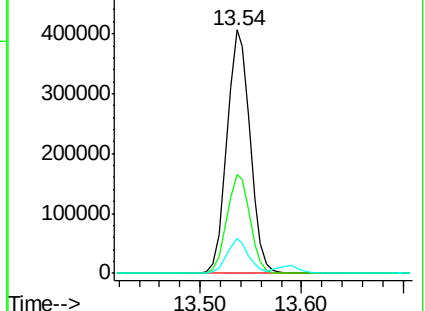
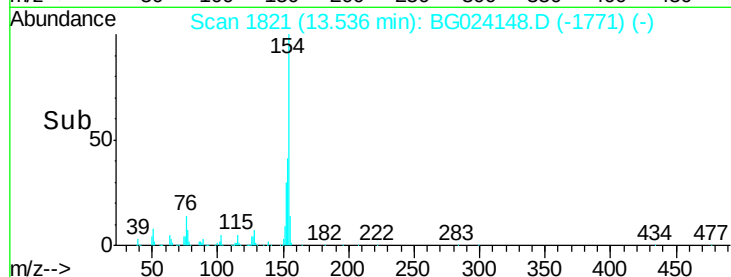
76 14.3 0.0 32.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BGC



#46

2-Chloronaphthalene

Concen: 38.67 ng

RT: 13.59 min Scan# 1830

Delta R.T. -0.01 min

Lab File: BG024148.D

Acq: 28 Sep 2016 15:57

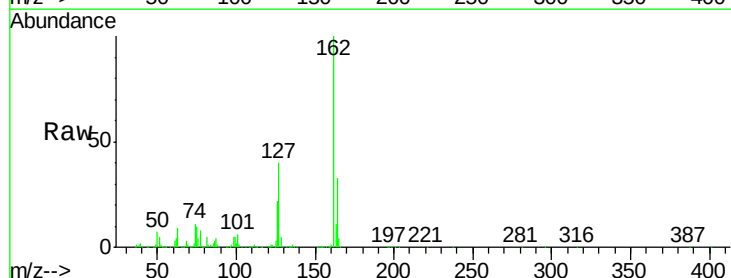
Tgt Ion:162 Resp: 471772

Ion Ratio Lower Upper

162 100

127 40.2 32.4 48.6

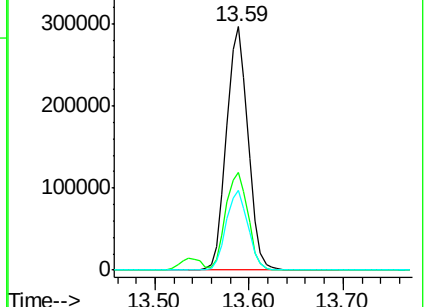
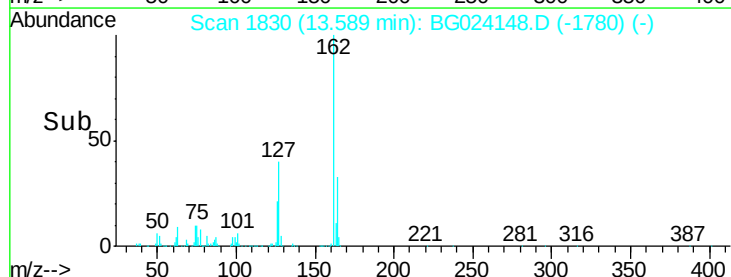
164 32.9 25.2 37.8

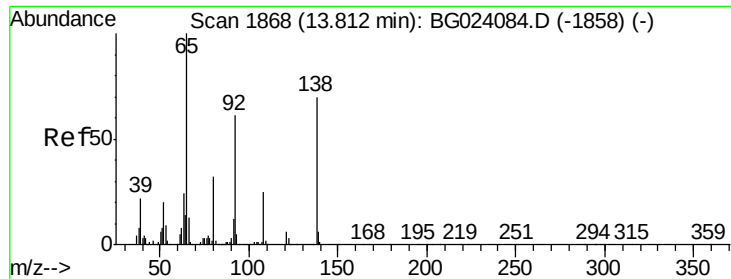


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

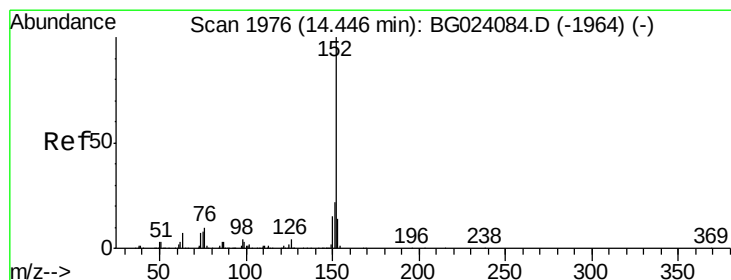
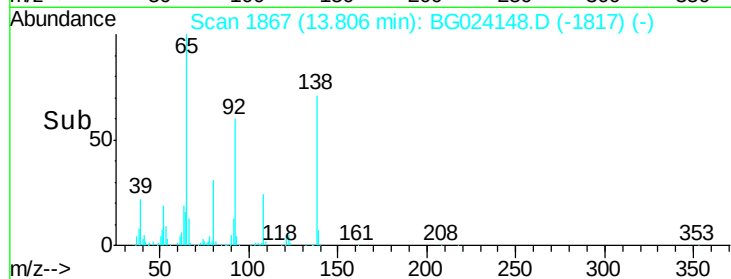
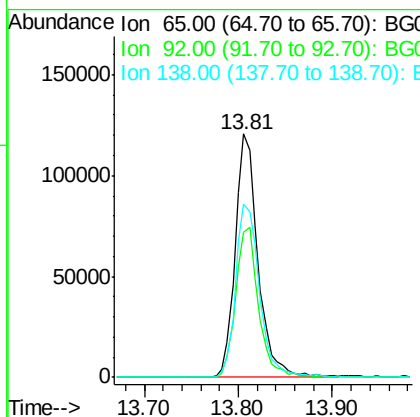
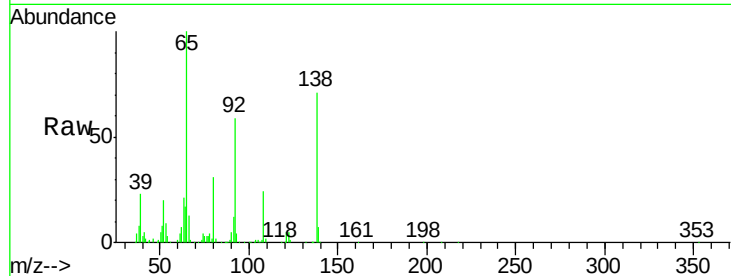




#47  
2-Nitroaniline  
Concen: 35.69 ng  
RT: 13.81 min Scan# 1867  
Delta R.T. -0.01 min  
Lab File: BG024148.D  
Acq: 28 Sep 2016 15:57

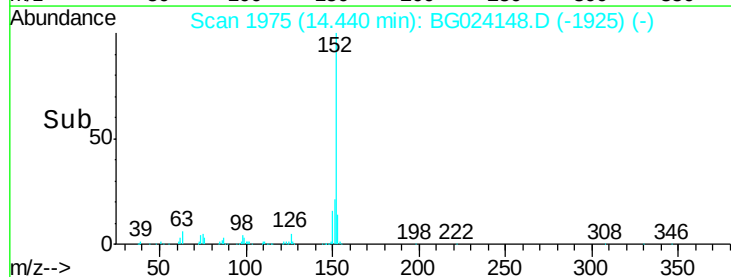
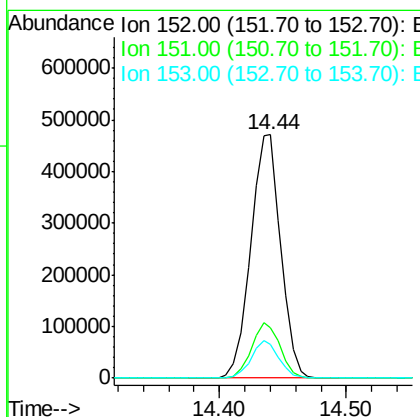
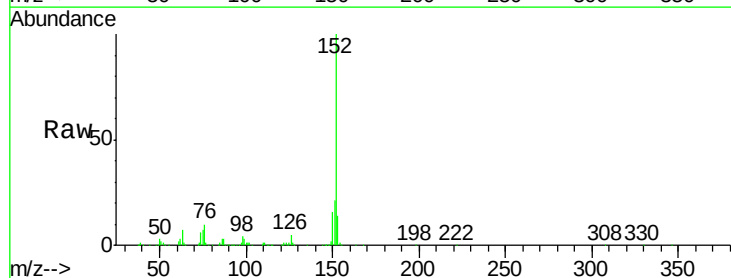
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

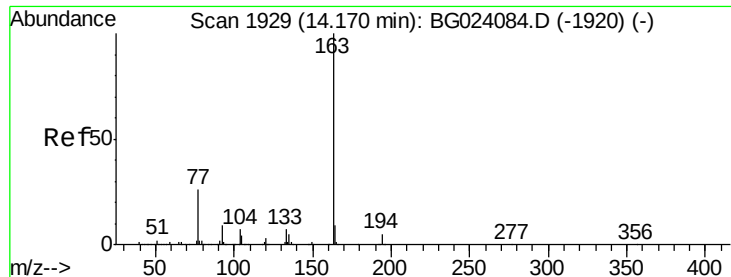
| Tot Ion   | 65    | Resp  | 202611 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 65        | 100   |       |        |
| 92        | 59.5  | 49.4  | 74.0   |
| 138       | 71.0  | 58.0  | 87.0   |



#48  
Acenaphthylene  
Concen: 37.34 ng  
RT: 14.44 min Scan# 1975  
Delta R.T. -0.01 min  
Lab File: BG024148.D  
Acq: 28 Sep 2016 15:57

| Tgt Ion   | 152   | Resp  | 773239 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 152       | 100   |       |        |
| 151       | 20.6  | 17.6  | 26.4   |
| 153       | 14.0  | 11.4  | 17.2   |





#49

Dimethylphthalate

Concen: 36.10 ng

RT: 14.16 min Scan# 1927

Delta R.T. -0.01 min

Lab File: BG024148.D

Acq: 28 Sep 2016 15:57

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

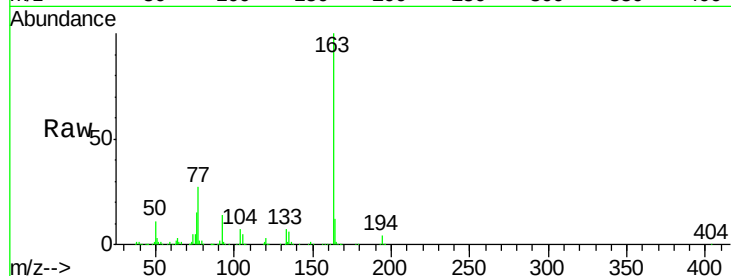
Tot Ion:163 Resp: 661778

Ion Ratio Lower Upper

163 100

194 4.0 3.6 5.4

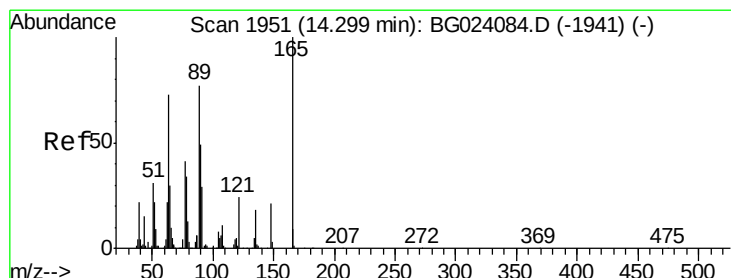
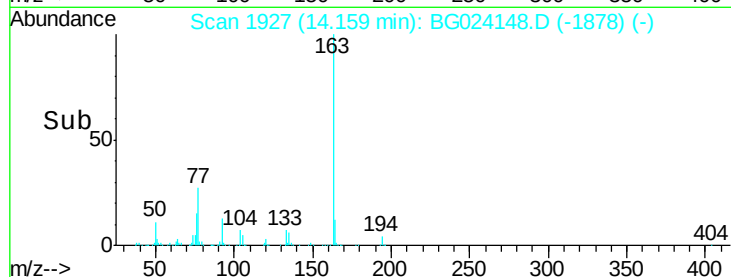
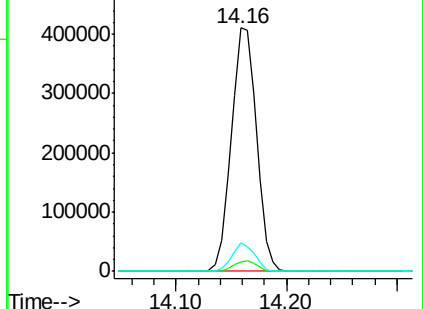
164 11.7 8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 37.13 ng

RT: 14.29 min Scan# 1950

Delta R.T. -0.01 min

Lab File: BG024148.D

Acq: 28 Sep 2016 15:57

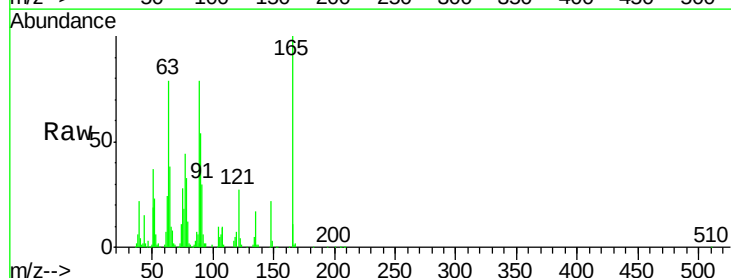
Tgt Ion:165 Resp: 142979

Ion Ratio Lower Upper

165 100

63 78.9 64.3 96.5

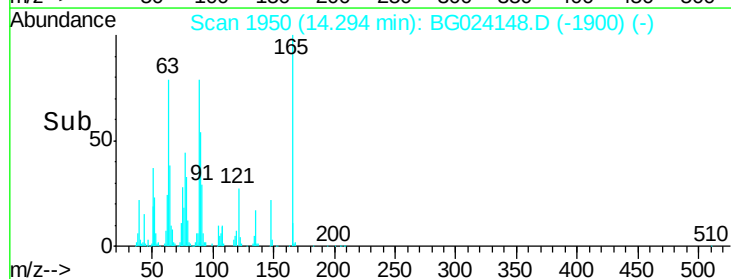
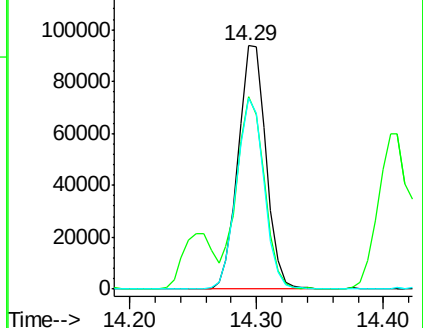
89 78.6 64.3 96.5

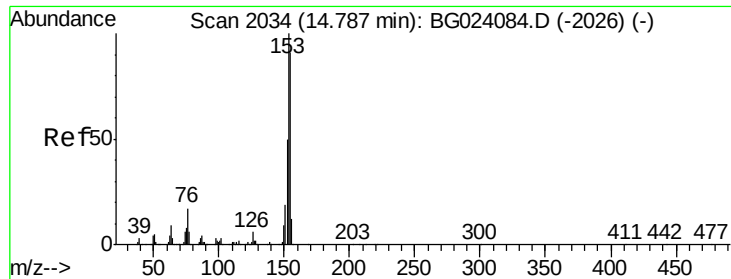


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 37.51 ng

RT: 14.78 min Scan# 2032

Delta R.T. -0.01 min

Lab File: BG024148.D

Acq: 28 Sep 2016 15:57

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

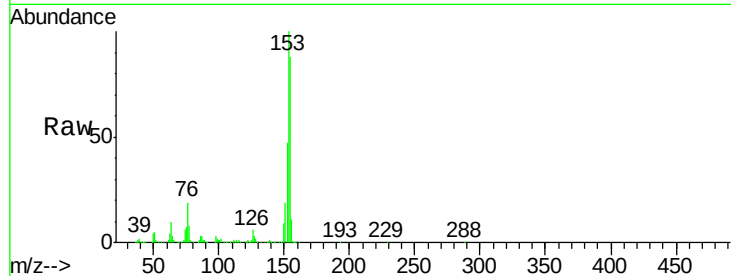
Tot Ion:154 Resp: 471211

Ion Ratio Lower Upper

154 100

153 113.3 87.5 131.3

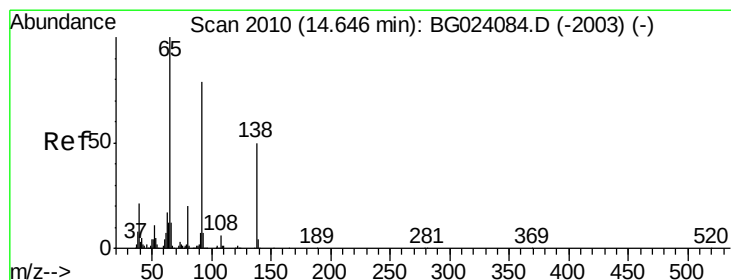
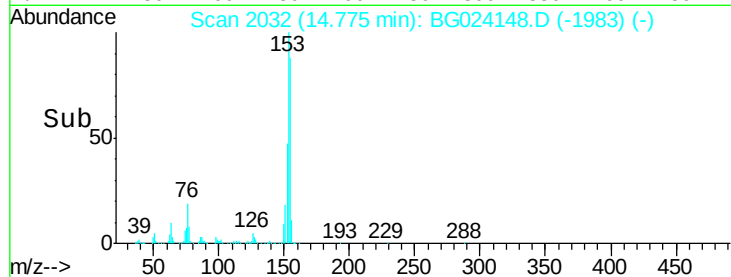
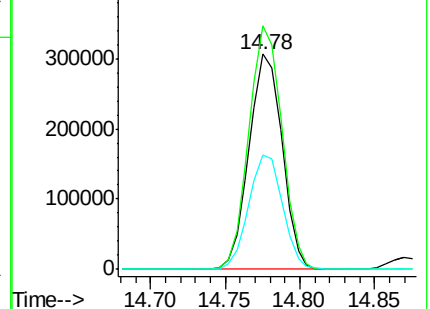
152 53.3 42.7 64.1



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 37.06 ng

RT: 14.64 min Scan# 2009

Delta R.T. -0.01 min

Lab File: BG024148.D

Acq: 28 Sep 2016 15:57

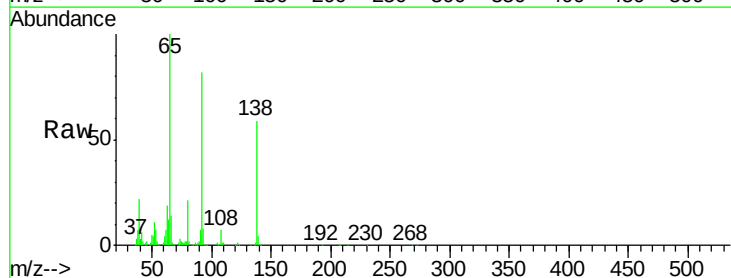
Tgt Ion:138 Resp: 142521

Ion Ratio Lower Upper

138 100

108 11.5 11.7 17.5#

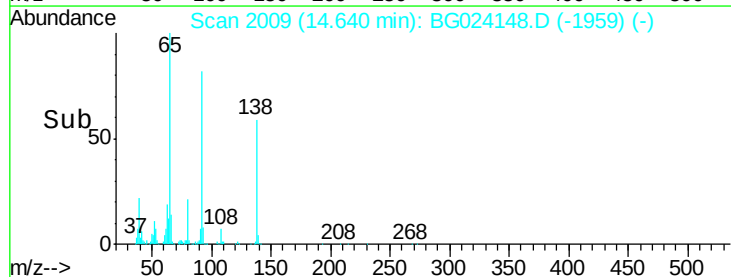
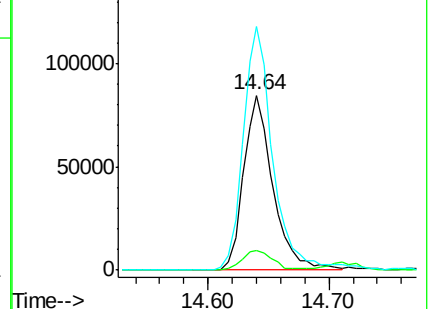
92 139.0 129.7 194.5

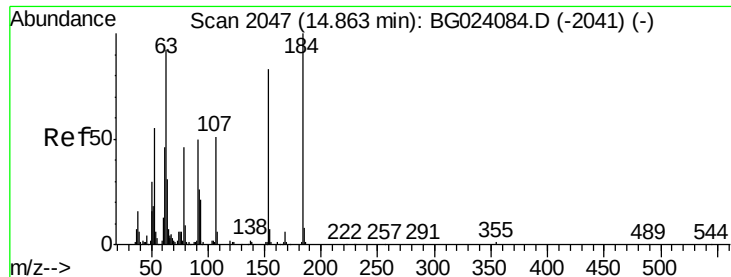


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

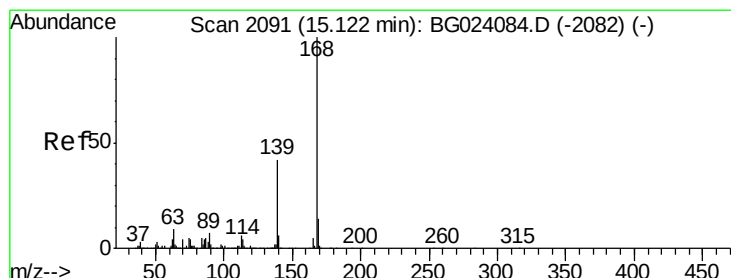
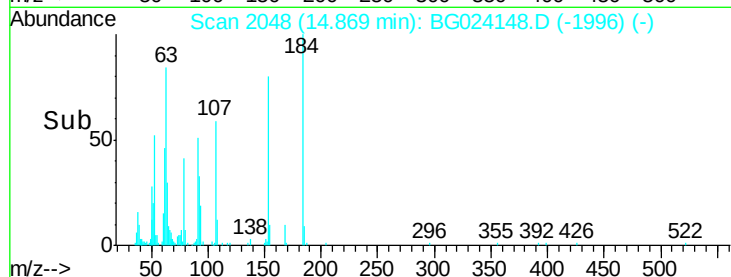
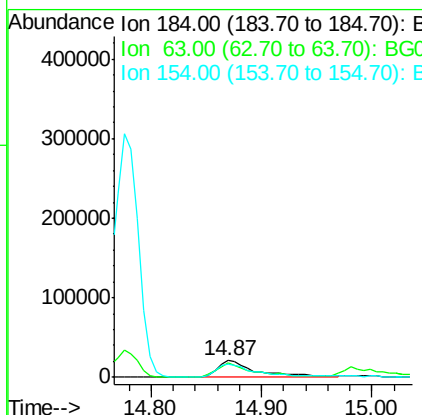
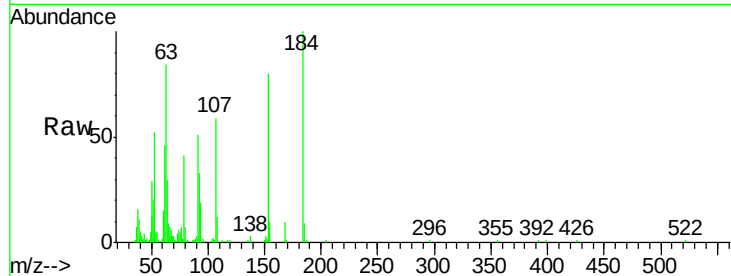




#53  
 2,4-Dinitrophenol  
 Concen: 25.62 ng  
 RT: 14.87 min Scan# 2048  
 Delta R.T. 0.01 min  
 Lab File: BG024148.D  
 Acq: 28 Sep 2016 15:57

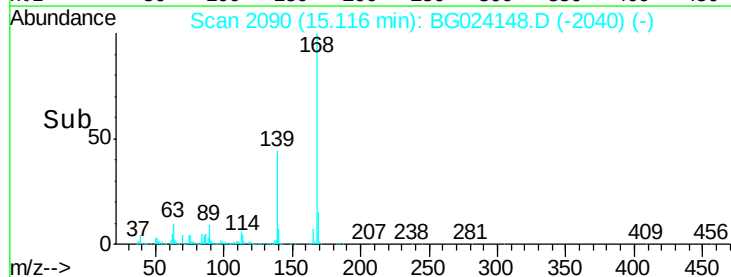
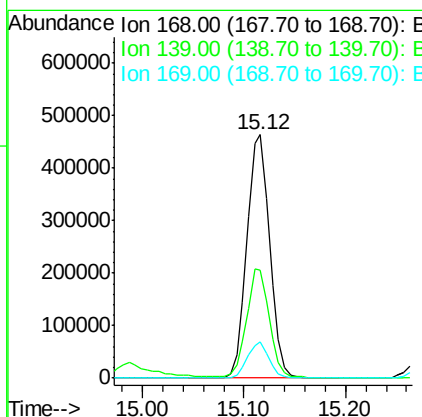
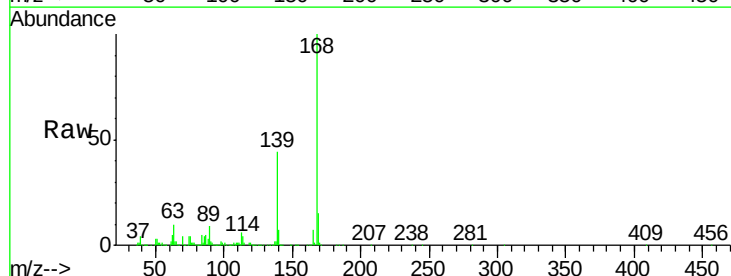
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

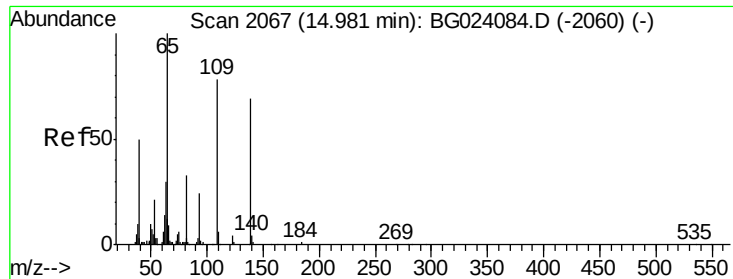
Tot Ion:184 Resp: 53672  
 Ion Ratio Lower Upper  
 184 100  
 63 84.4 59.6 89.4  
 154 80.3 67.4 101.0



#54  
 Dibenzofuran  
 Concen: 36.95 ng  
 RT: 15.12 min Scan# 2090  
 Delta R.T. -0.01 min  
 Lab File: BG024148.D  
 Acq: 28 Sep 2016 15:57

Tgt Ion:168 Resp: 722679  
 Ion Ratio Lower Upper  
 168 100  
 139 44.1 36.4 54.6  
 169 14.8 11.9 17.9

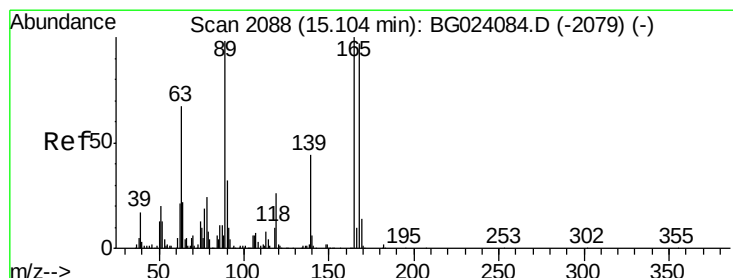
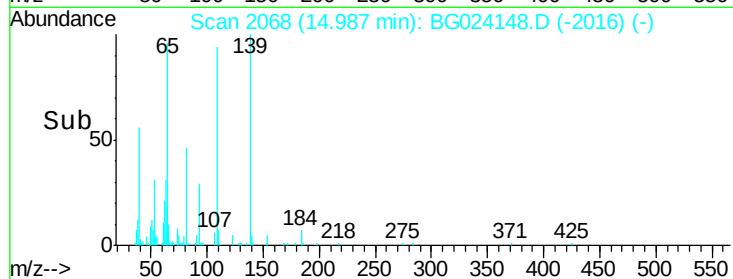
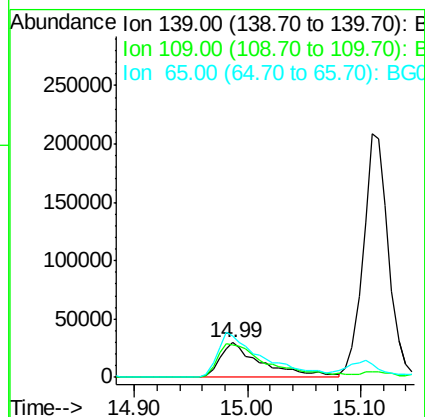
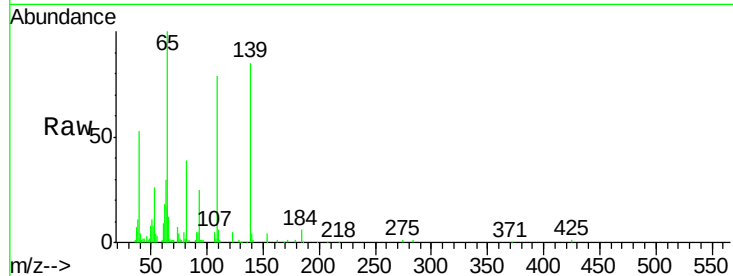




#55  
4-Nitrophenol  
Concen: 29.11 ng/ml  
RT: 14.99 min Scan# 2068  
Delta R.T. 0.01 min  
Lab File: BG024148.D  
Acq: 28 Sep 2016 15:57

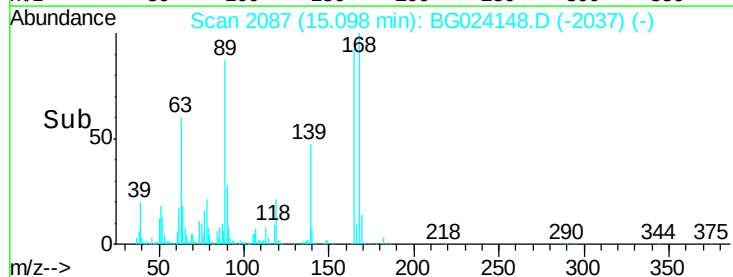
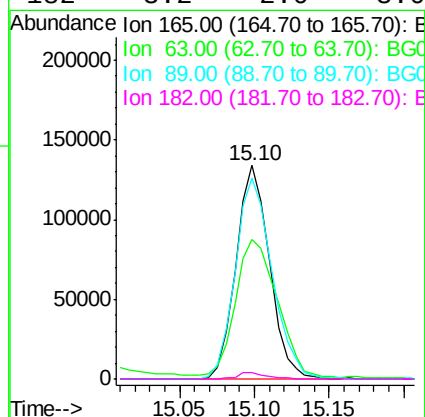
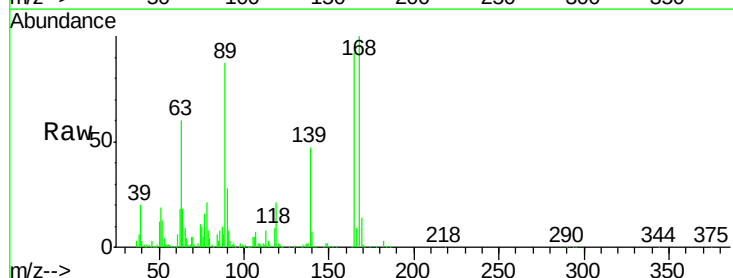
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

Tot Ion:139 Resp: 77762  
Ion Ratio Lower Upper  
139 100  
109 93.0 103.0 143.0#  
65 117.8 112.7 152.7

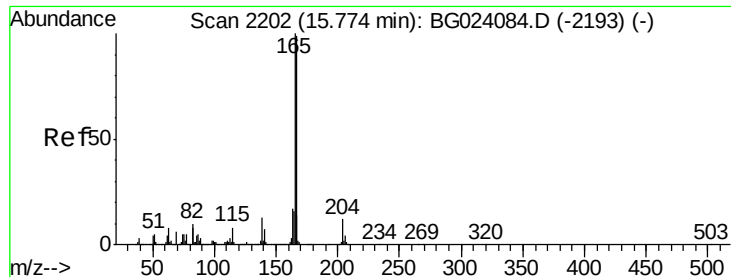


#56  
2,4-Dinitrotoluene  
Concen: 35.65 ng  
RT: 15.10 min Scan# 2087  
Delta R.T. -0.01 min  
Lab File: BG024148.D  
Acq: 28 Sep 2016 15:57

Tgt Ion:165 Resp: 208902  
Ion Ratio Lower Upper  
165 100  
63 65.3 45.8 68.6  
89 94.2 68.6 102.8  
182 3.2 2.0 3.0#







#57

Fluorene

Concen: 37.12 ng

RT: 15.77 min Scan# 2201

Delta R.T. -0.01 min

Lab File: BG024148.D

Acq: 28 Sep 2016 15:57

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

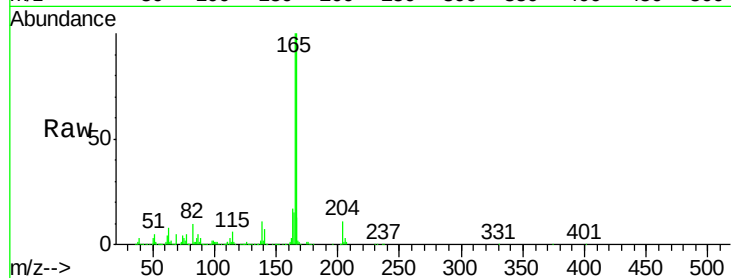
Tot Ion:166 Resp: 631905

Ion Ratio Lower Upper

166 100

165 100.0 81.0 121.6

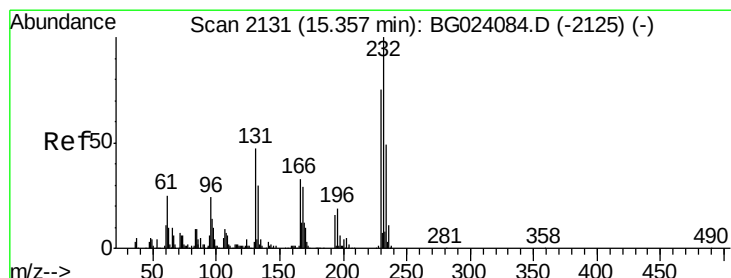
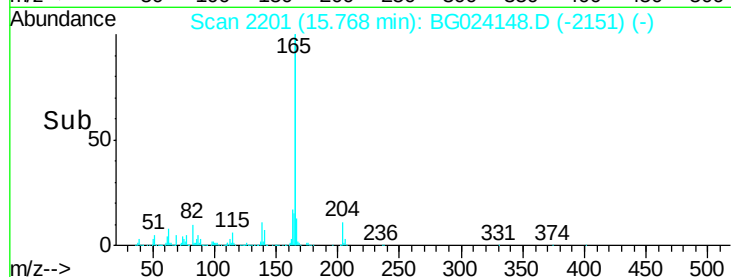
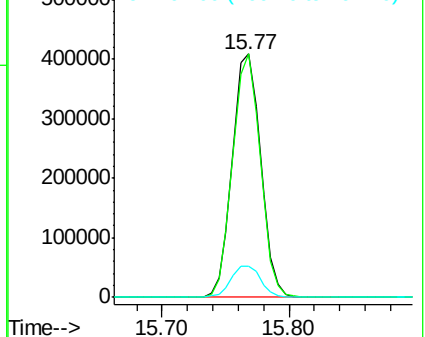
167 13.0 12.0 18.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 34.65 ng m

RT: 15.36 min Scan# 2131

Delta R.T. 0.00 min

Lab File: BG024148.D

Acq: 28 Sep 2016 15:57

Tgt Ion:232 Resp: 155321

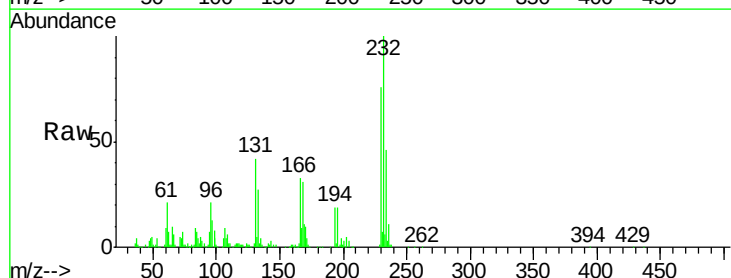
Ion Ratio Lower Upper

232 100

131 44.5 32.7 49.1

130 2.9 2.6 3.8

166 25.0 23.0 34.6

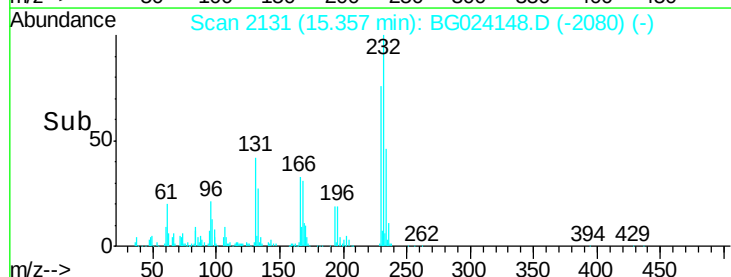
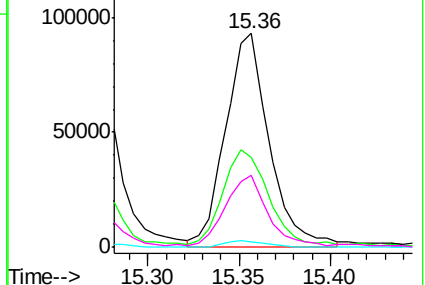


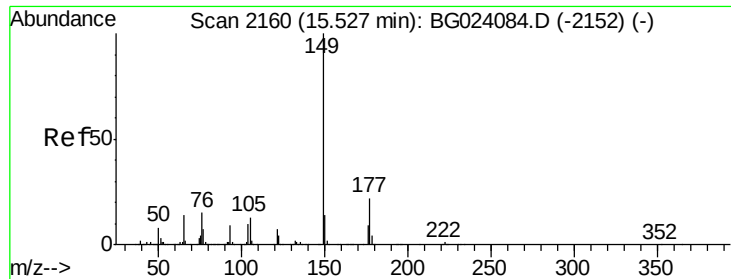
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

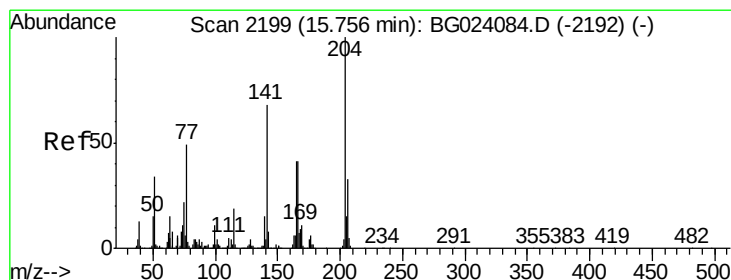
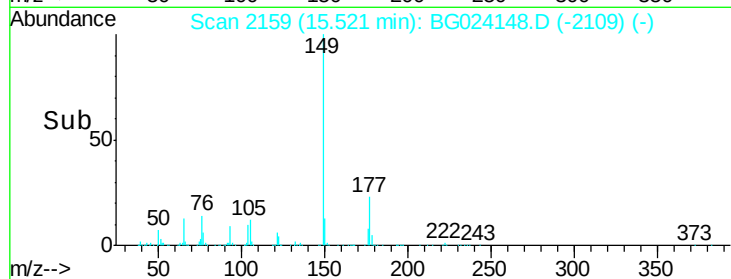
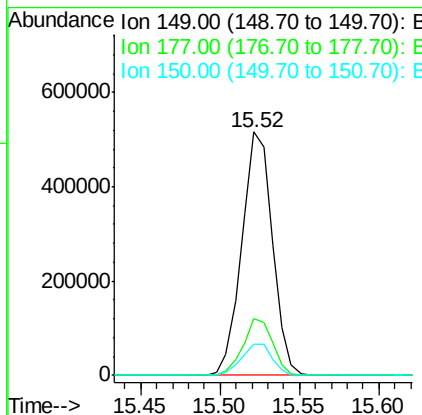
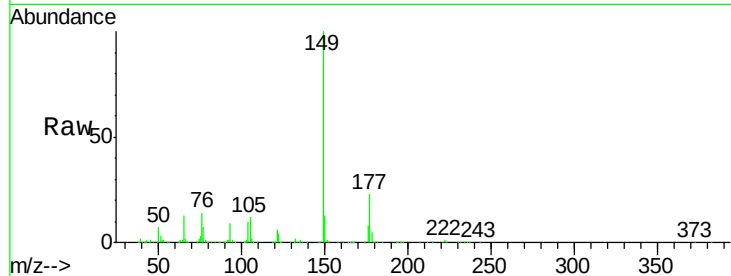




#59  
Diethylphthalate  
Concen: 35.00 ng  
RT: 15.52 min Scan# 2159  
Delta R.T. -0.01 min  
Lab File: BG024148.D  
Acq: 28 Sep 2016 15:57

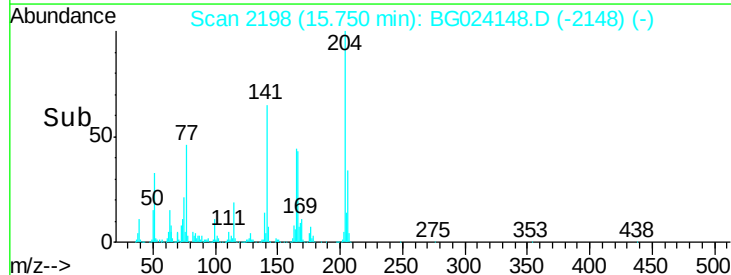
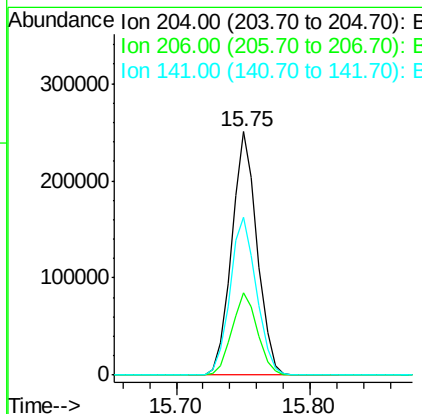
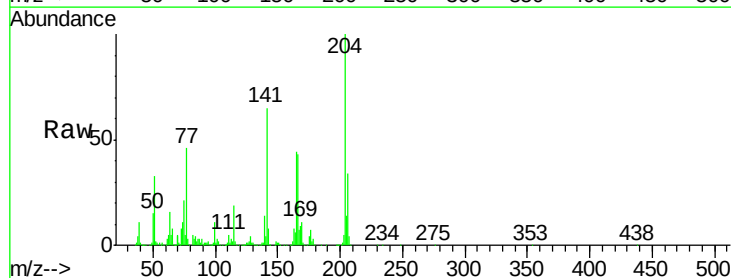
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

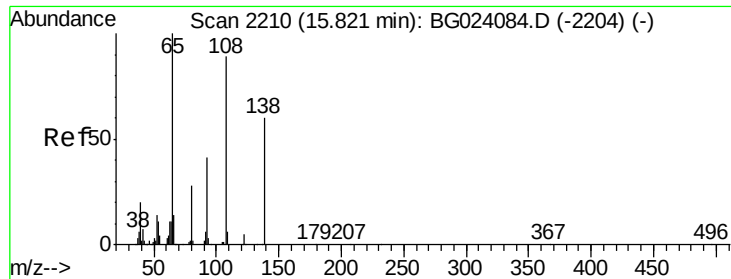
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 177     | 23.3  | 19.2  | 28.8  |
| 150     | 12.6  | 10.6  | 16.0  |



#60  
4-Chlorophenyl-phenylether  
Concen: 36.43 ng  
RT: 15.75 min Scan# 2198  
Delta R.T. -0.01 min  
Lab File: BG024148.D  
Acq: 28 Sep 2016 15:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 33.9  | 28.5  | 42.7  |
| 141     | 64.7  | 51.4  | 77.0  |

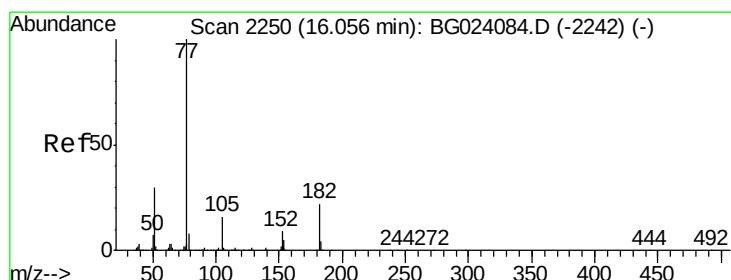
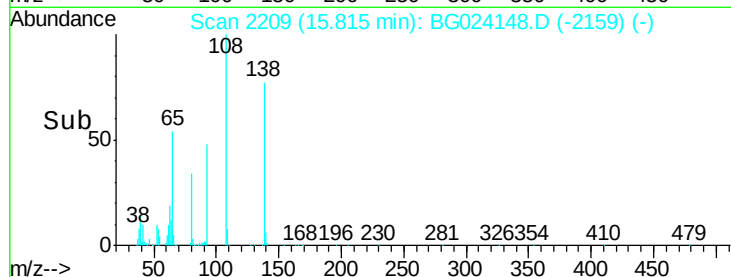
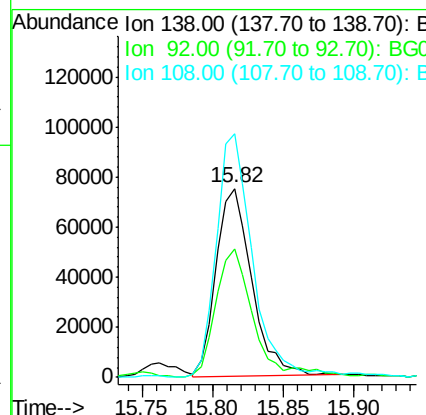
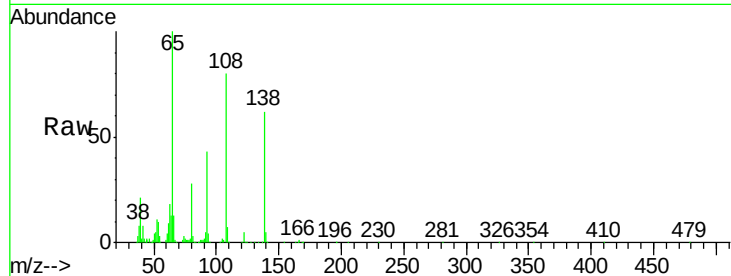




#61  
4-Nitroaniline  
Concen: 33.03 ng  
RT: 15.82 min Scan# 2209  
Delta R.T. -0.01 min  
Lab File: BG024148.D  
Acq: 28 Sep 2016 15:57

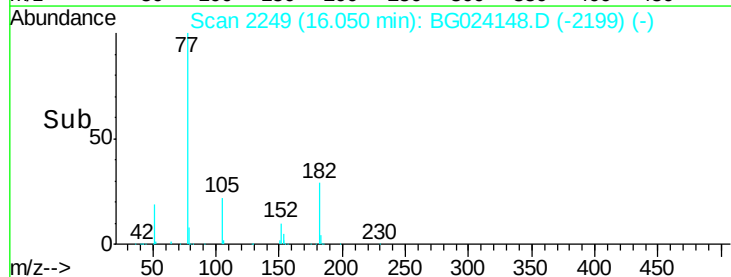
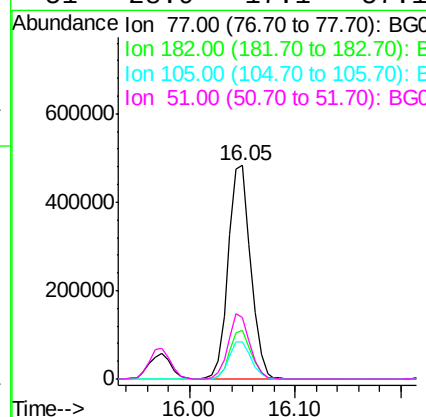
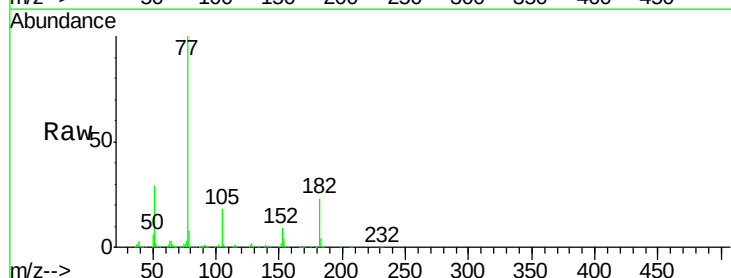
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

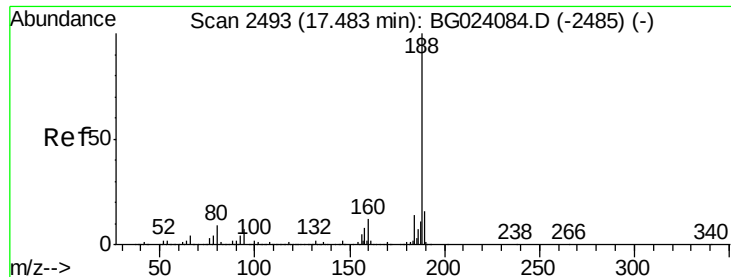
Tot Ion:138 Resp: 131551  
Ion Ratio Lower Upper  
138 100  
92 68.2 54.1 94.1  
108 129.1 133.9 173.9#



#62  
Azobenzene  
Concen: 35.26 ng  
RT: 16.05 min Scan# 2249  
Delta R.T. -0.01 min  
Lab File: BG024148.D  
Acq: 28 Sep 2016 15:57

Tgt Ion: 77 Resp: 707202  
Ion Ratio Lower Upper  
77 100  
182 22.9 3.5 43.5  
105 17.5 0.0 38.5  
51 28.9 17.1 57.1

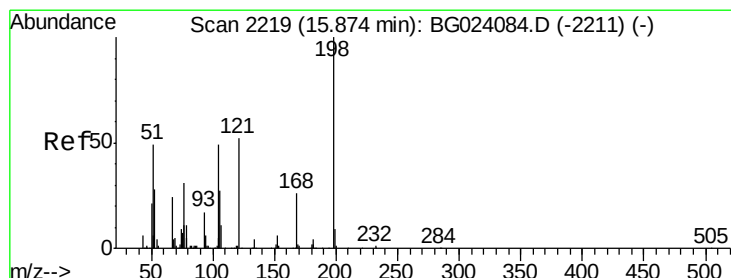
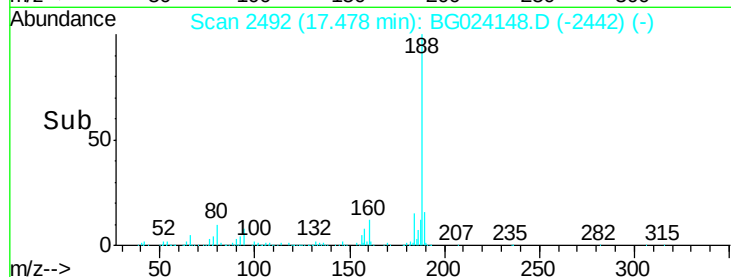
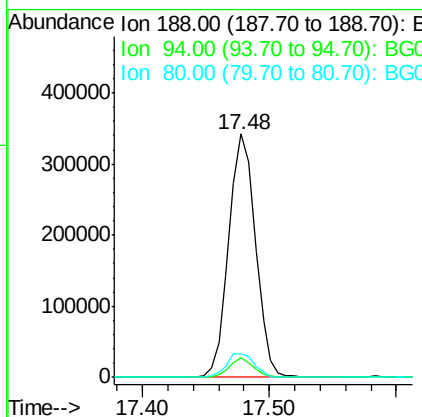
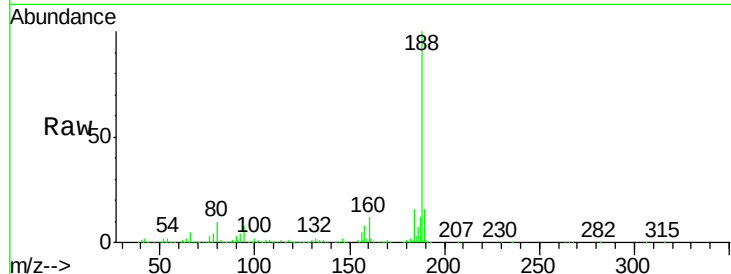




#63  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 17.48 min Scan# 2492  
Delta R.T. -0.01 min  
Lab File: BG024148.D  
Acq: 28 Sep 2016 15:57

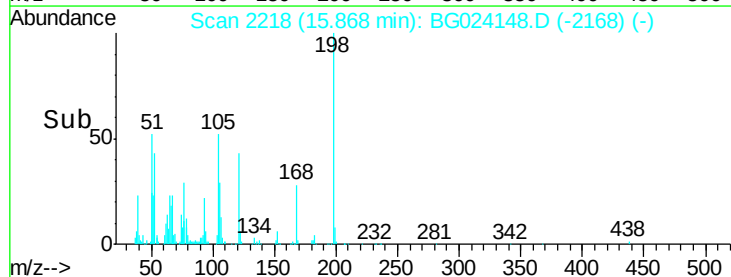
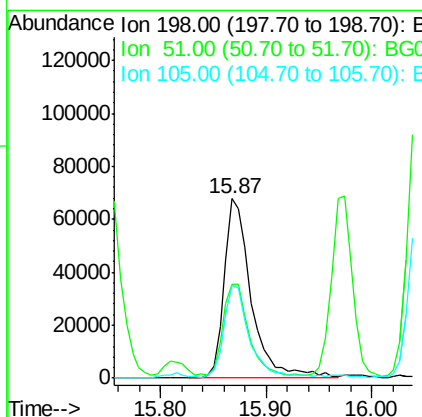
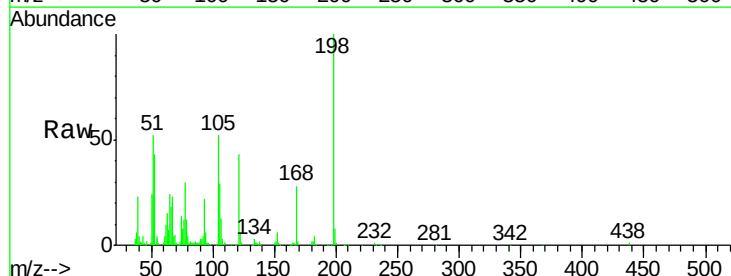
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

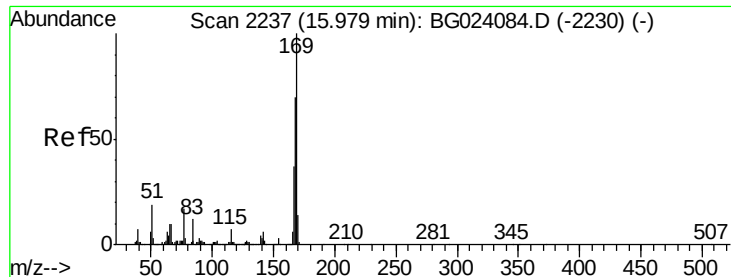
Tot Ion:188 Resp: 500466  
Ion Ratio Lower Upper  
188 100  
94 8.3 5.2 7.8#  
80 9.6 7.2 10.8



#64  
4,6-Dinitro-2-methylphenol  
Concen: 34.55 ng  
RT: 15.87 min Scan# 2218  
Delta R.T. -0.01 min  
Lab File: BG024148.D  
Acq: 28 Sep 2016 15:57

Tgt Ion:198 Resp: 120056  
Ion Ratio Lower Upper  
198 100  
51 52.5 26.0 66.0  
105 52.0 20.1 60.1

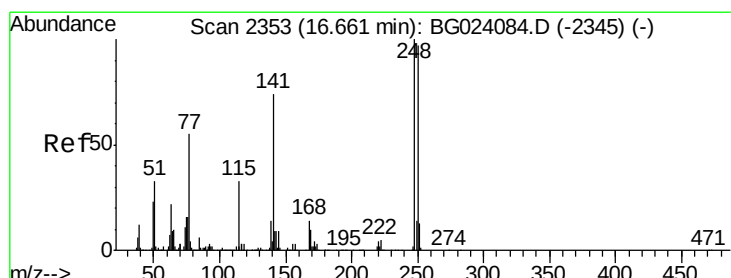
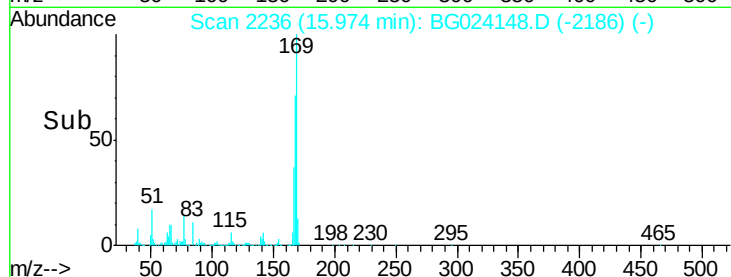
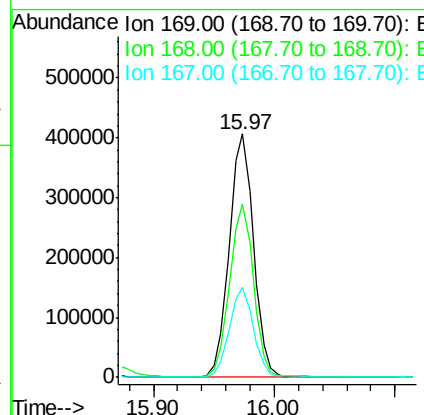
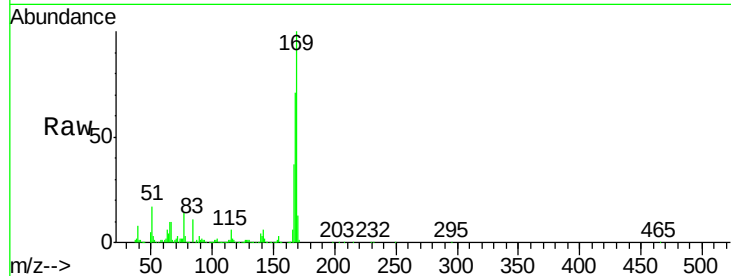




#65  
 n-Nitrosodiphenylamine  
 Concen: 41.46 ng  
 RT: 15.97 min Scan# 2236  
 Delta R.T. -0.01 min  
 Lab File: BG024148.D  
 Acq: 28 Sep 2016 15:57

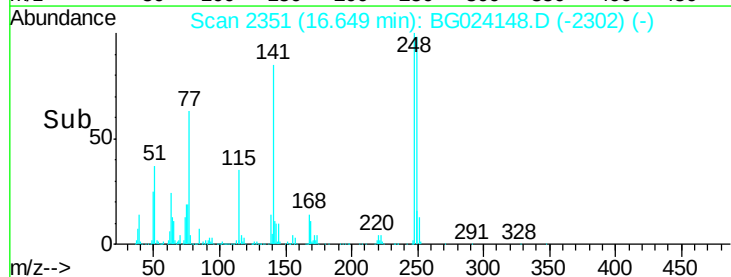
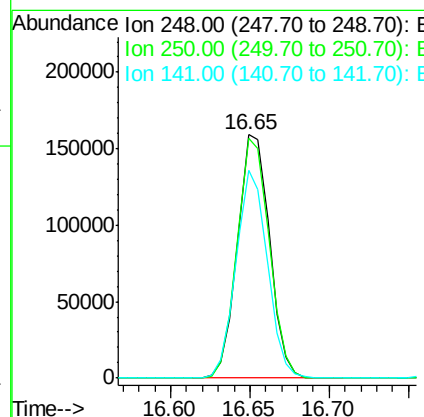
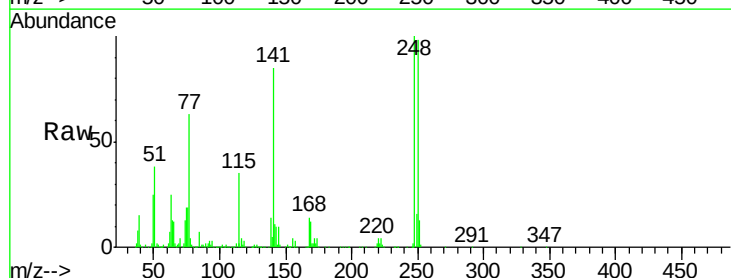
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

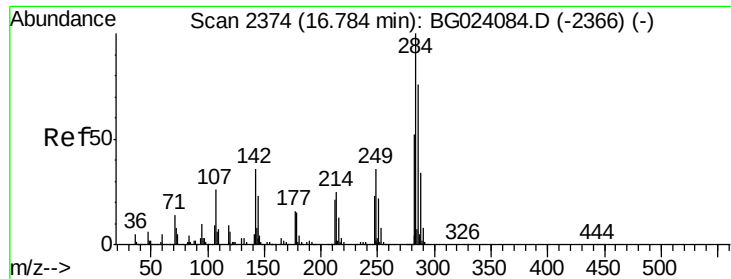
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 169     | 100   |       |       |
| 168     | 71.2  | 55.0  | 82.4  |
| 167     | 37.0  | 27.4  | 41.0  |



#66  
 4-Bromophenyl-phenylether  
 Concen: 38.46 ng  
 RT: 16.65 min Scan# 2351  
 Delta R.T. -0.01 min  
 Lab File: BG024148.D  
 Acq: 28 Sep 2016 15:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 98.4  | 77.8  | 116.8 |
| 141     | 85.2  | 65.7  | 98.5  |

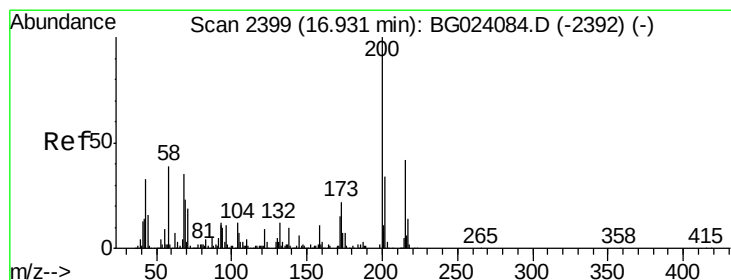
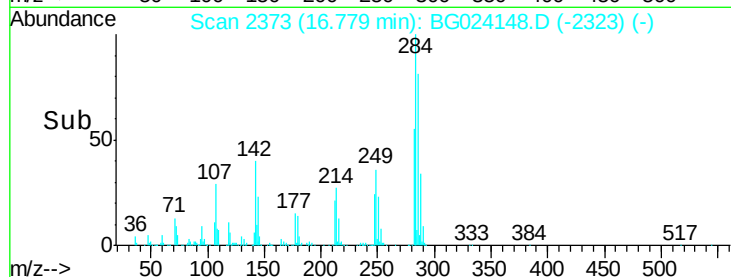
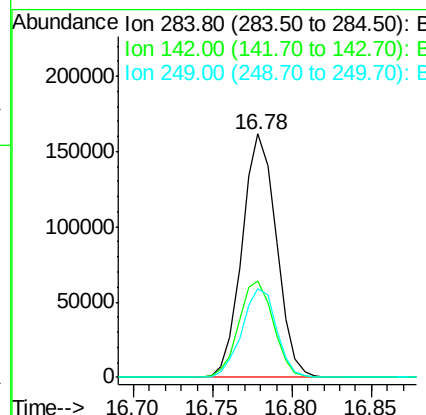
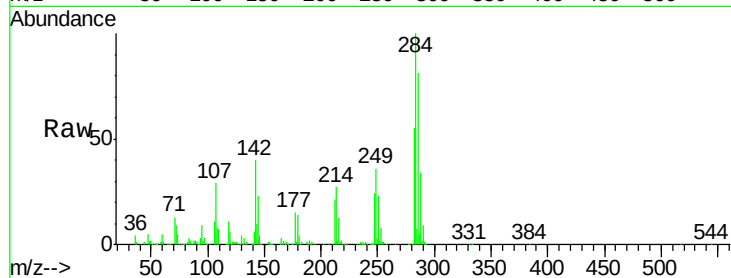




#67  
Hexachlorobenzene  
Concen: 37.13 ng  
RT: 16.78 min Scan# 2373  
Delta R.T. -0.01 min  
Lab File: BG024148.D  
Acq: 28 Sep 2016 15:57

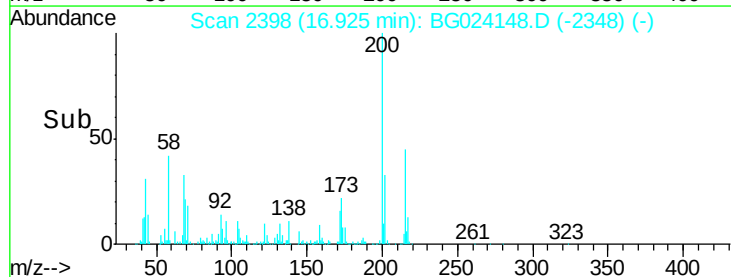
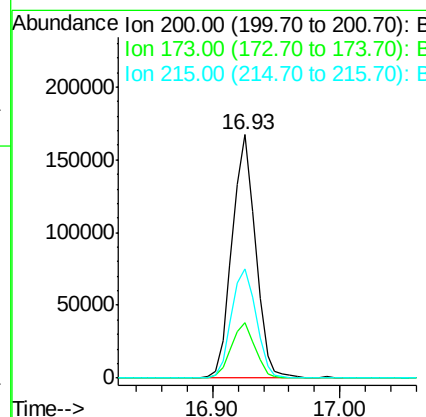
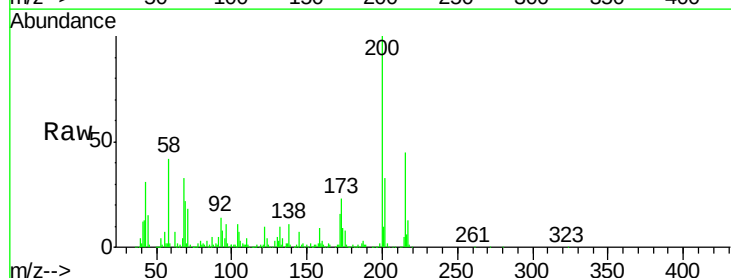
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

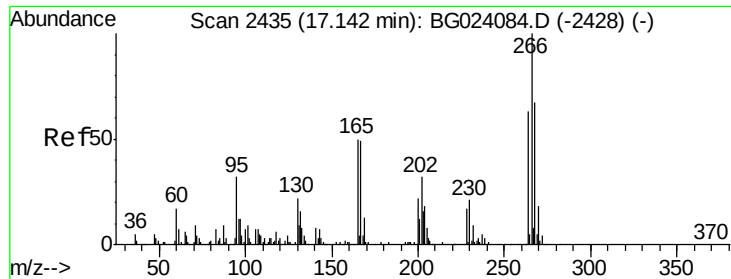
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 39.5  | 26.8  | 40.2  |
| 249     | 36.2  | 28.9  | 43.3  |



#68  
Atrazine  
Concen: 35.36 ng  
RT: 16.93 min Scan# 2398  
Delta R.T. -0.01 min  
Lab File: BG024148.D  
Acq: 28 Sep 2016 15:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 22.5  | 1.6   | 41.6  |
| 215     | 44.8  | 28.7  | 68.7  |

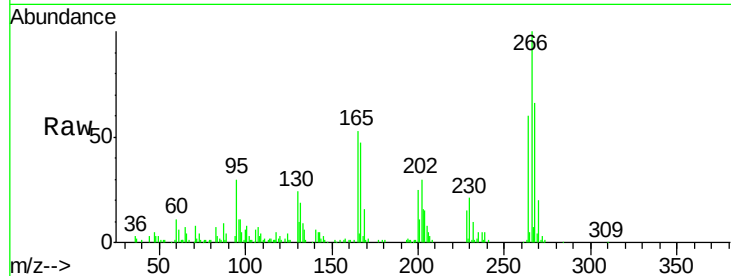




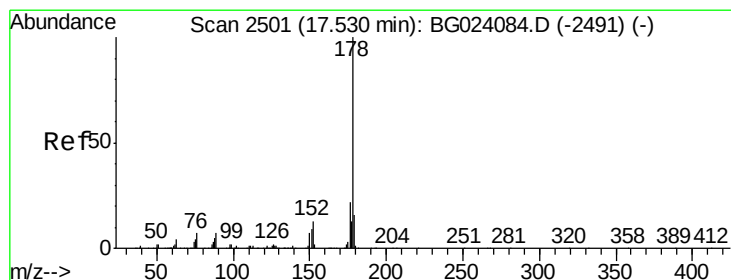
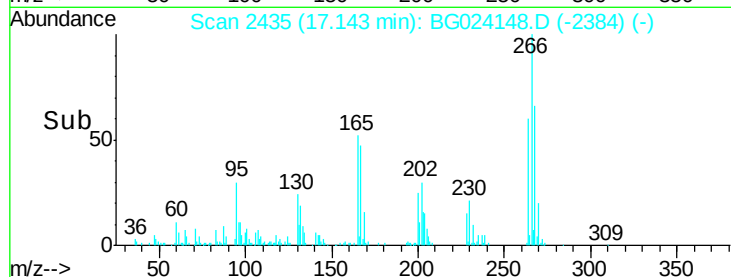
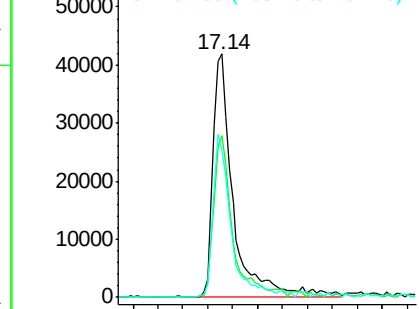
#69  
 Pentachlorophenol  
 Concen: 30.23 ng/ml  
 RT: 17.14 min Scan# 2435  
 Delta R.T. 0.00 min  
 Lab File: BG024148.D  
 Acq: 28 Sep 2016 15:57

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

Tot Ion:266 Resp: 94630  
 Ion Ratio Lower Upper  
 266 100  
 268 66.2 51.9 77.9  
 264 60.5 50.6 75.8

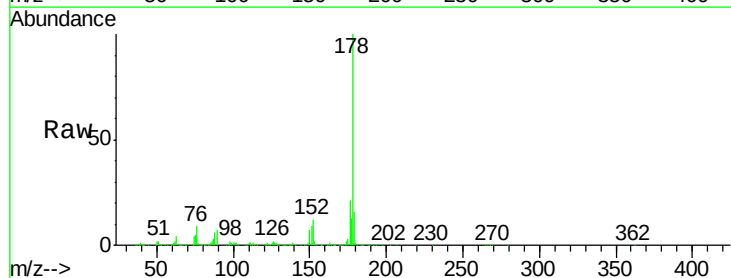


Abundance Ion 265.70 (265.40 to 266.40): E  
 Ion 268.00 (267.70 to 268.70): E  
 Ion 264.00 (263.70 to 264.70): E

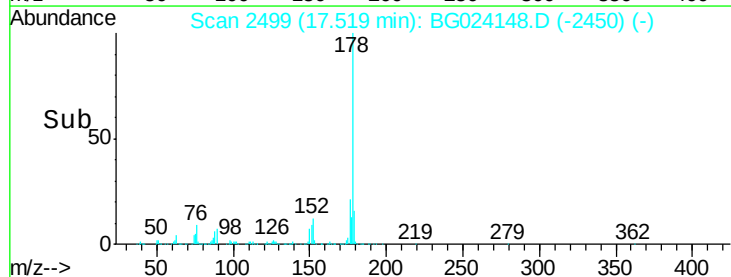
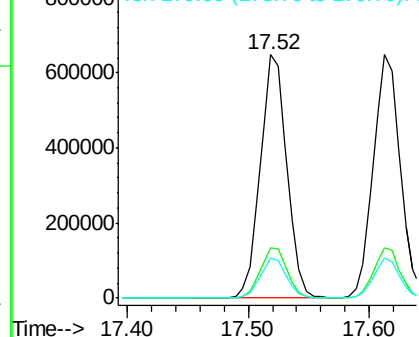


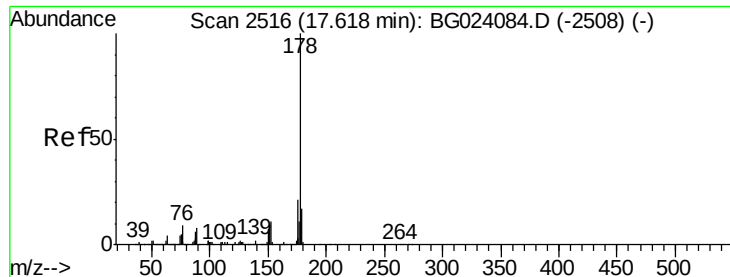
#70  
 Phenanthrene  
 Concen: 38.92 ng  
 RT: 17.52 min Scan# 2499  
 Delta R.T. -0.01 min  
 Lab File: BG024148.D  
 Acq: 28 Sep 2016 15:57

Tgt Ion:178 Resp: 992075  
 Ion Ratio Lower Upper  
 178 100  
 176 20.5 16.8 25.2  
 179 16.3 14.3 21.5



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

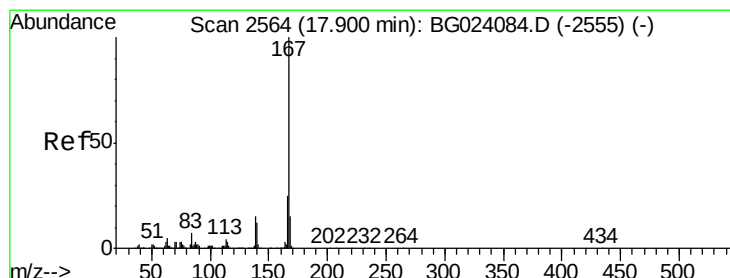
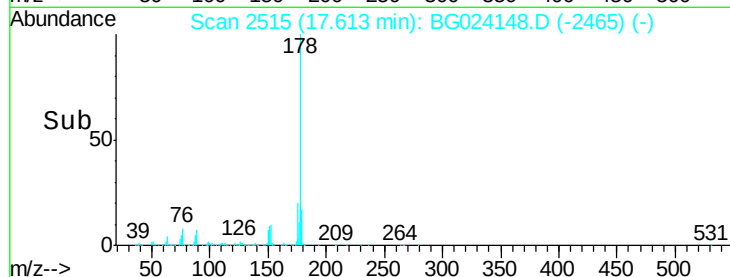
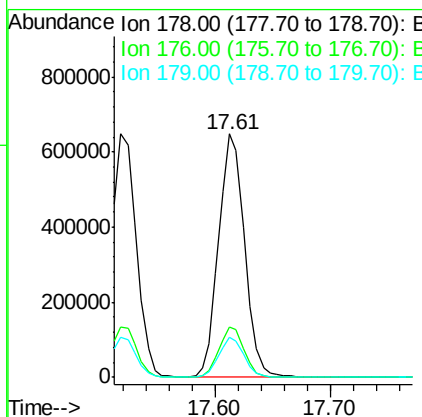
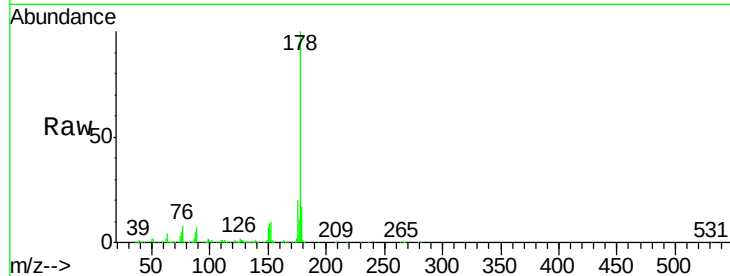




#71  
 Anthracene  
 Concen: 38.54 ng  
 RT: 17.61 min Scan# 2515  
 Delta R.T. -0.01 min  
 Lab File: BG024148.D  
 Acq: 28 Sep 2016 15:57

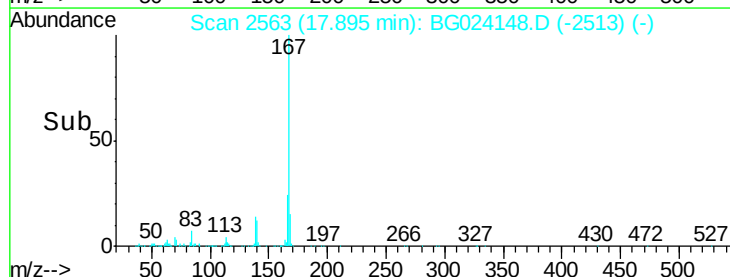
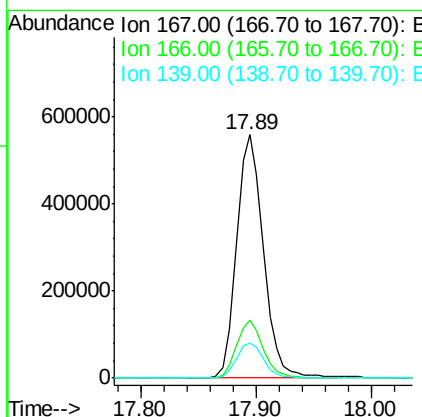
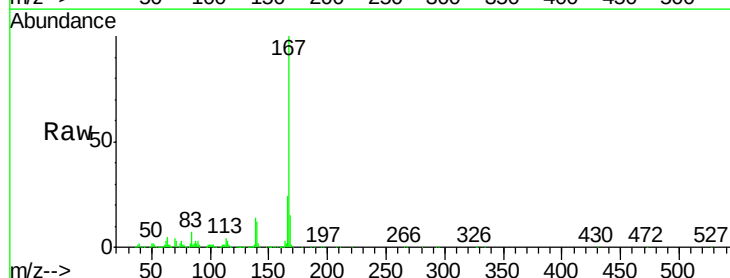
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

Tot Ion:178 Resp: 1009154  
 Ion Ratio Lower Upper  
 178 100  
 176 20.4 17.3 25.9  
 179 16.7 14.0 21.0

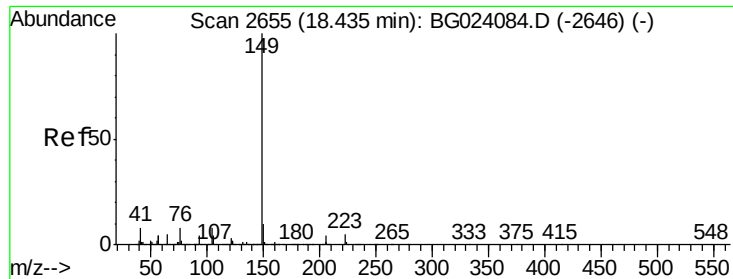


#72  
 Carbazole  
 Concen: 36.71 ng  
 RT: 17.89 min Scan# 2563  
 Delta R.T. -0.01 min  
 Lab File: BG024148.D  
 Acq: 28 Sep 2016 15:57

Tgt Ion:167 Resp: 894696  
 Ion Ratio Lower Upper  
 167 100  
 166 24.0 20.7 31.1  
 139 14.3 11.9 17.9







#73

Di-n-butylphthalate

Concen: 34.57 ng

RT: 18.42 min Scan# 2653

Delta R.T. -0.01 min

Lab File: BG024148.D

Acq: 28 Sep 2016 15:57

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

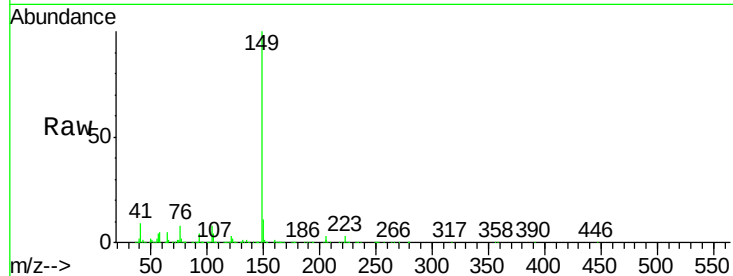
Tot Ion:149 Resp: 1102887

Ion Ratio Lower Upper

149 100

150 10.7 9.1 13.7

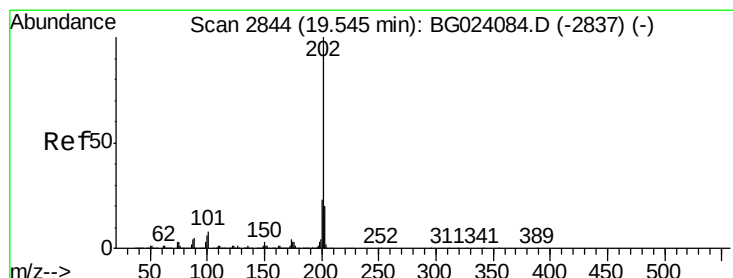
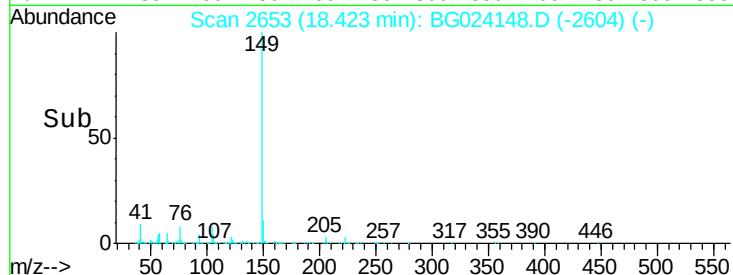
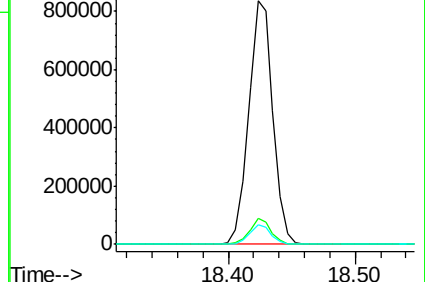
104 8.0 6.9 10.3



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 34.44 ng

RT: 19.54 min Scan# 2843

Delta R.T. -0.01 min

Lab File: BG024148.D

Acq: 28 Sep 2016 15:57

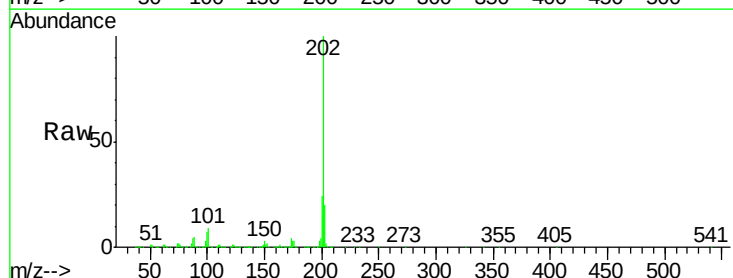
Tgt Ion:202 Resp: 1146062

Ion Ratio Lower Upper

202 100

101 9.1 0.0 27.4

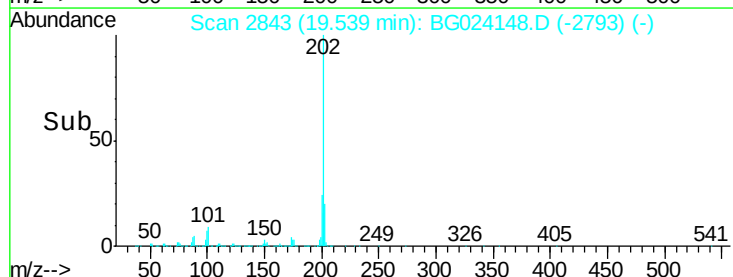
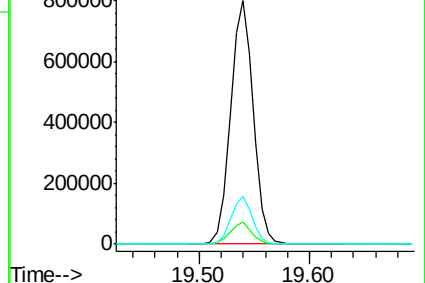
203 19.8 1.7 41.7

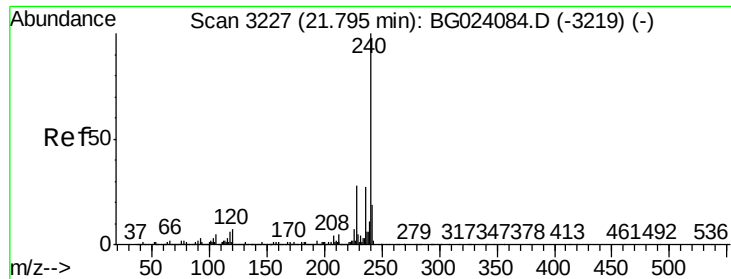


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

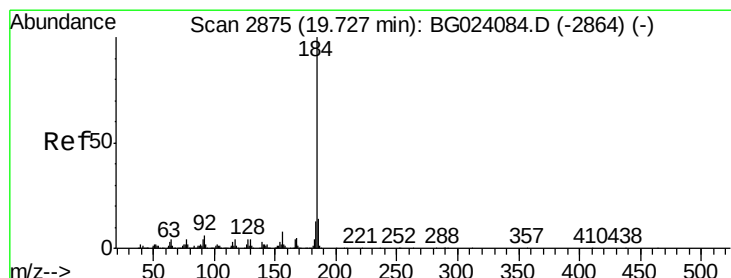
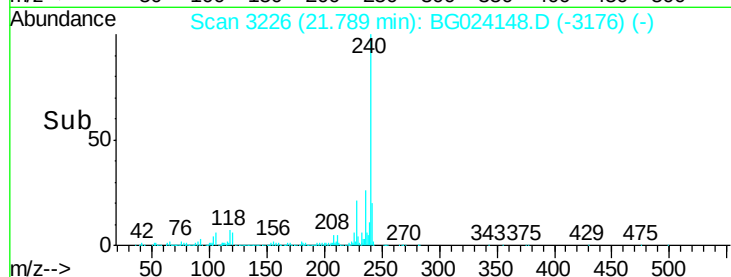
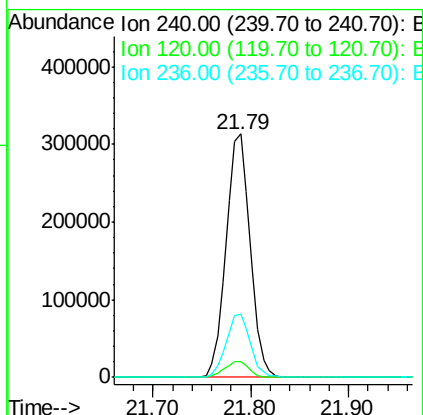
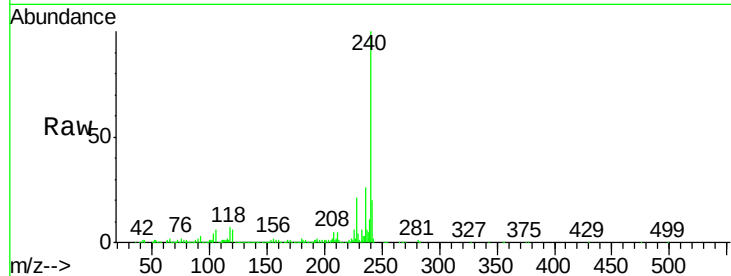




#75  
Chrysene-d12  
Concen: 20.00 ng  
RT: 21.79 min Scan# 3226  
Delta R.T. -0.01 min  
Lab File: BG024148.D  
Acq: 28 Sep 2016 15:57

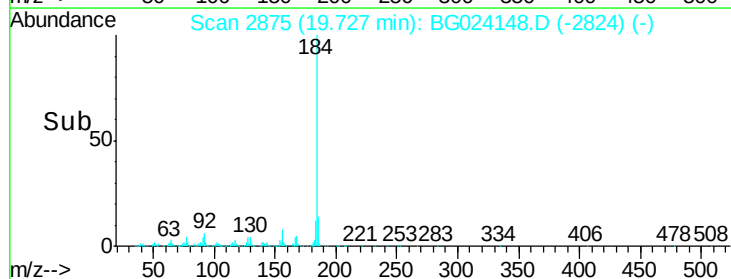
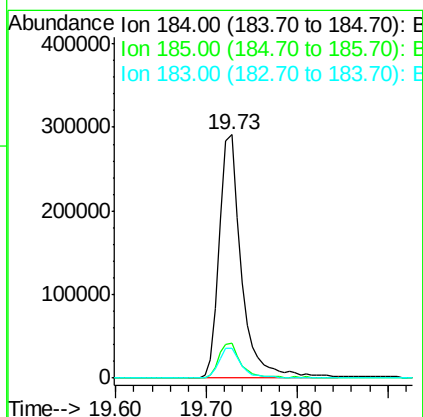
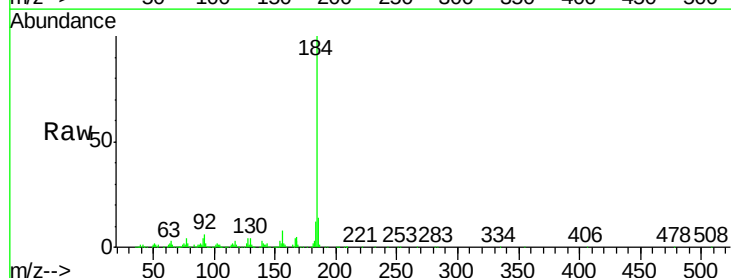
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

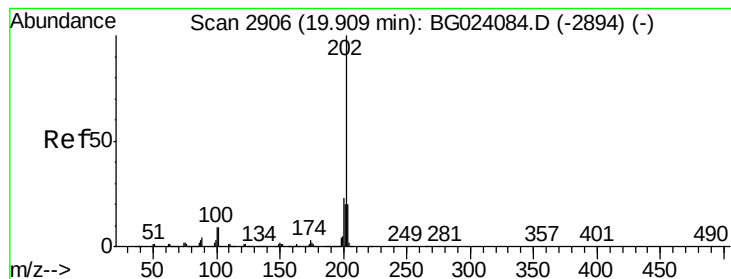
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 240     | 100   |       |       |
| 120     | 6.4   | 4.1   | 6.1#  |
| 236     | 25.8  | 21.1  | 31.7  |



#76  
Benzidine  
Concen: 32.62 ng  
RT: 19.73 min Scan# 2875  
Delta R.T. 0.00 min  
Lab File: BG024148.D  
Acq: 28 Sep 2016 15:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 185     | 14.4  | 12.6  | 19.0  |
| 183     | 12.5  | 10.7  | 16.1  |





#77

Pvrene

Concen: 31.29 ng

RT: 19.90 min Scan# 2905

Delta R.T. -0.01 min

Lab File: BG024148.D

Acq: 28 Sep 2016 15:57

Instrument :

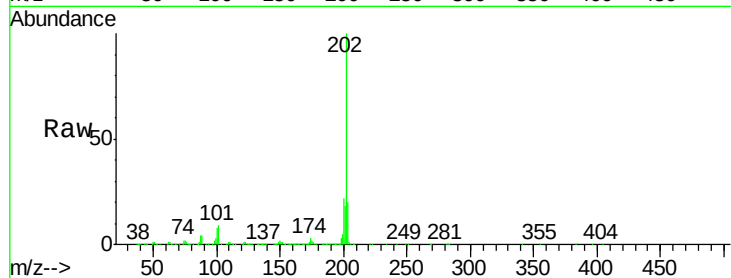
BNA\_G

ClientSampleId :

SSTDCCC040

Tot Ion:202 Resp: 1169403

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 202 | 100   |       |       |
| 200 | 22.2  | 21.2  | 31.8  |
| 203 | 19.6  | 16.8  | 25.2  |

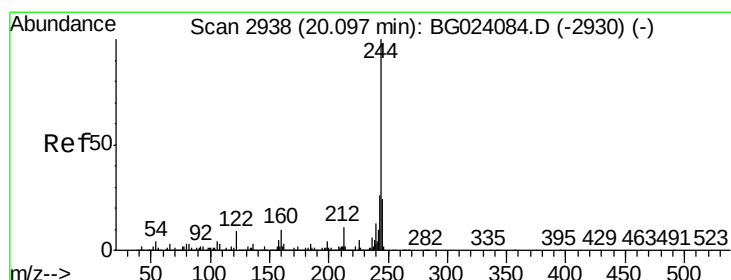
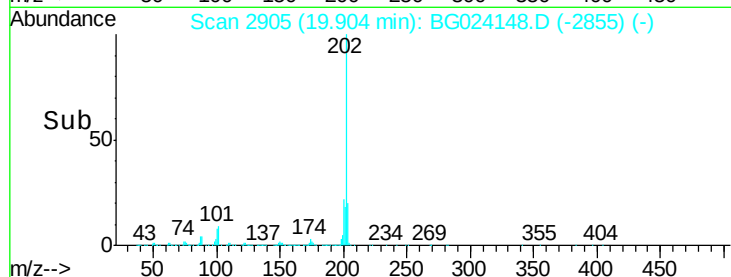
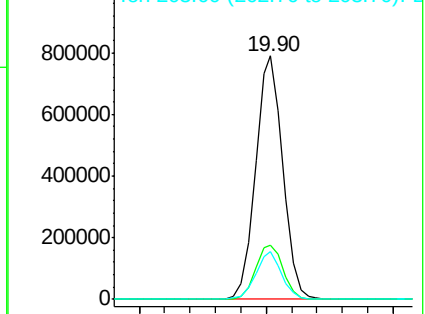


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 61.25 ng

RT: 20.09 min Scan# 2937

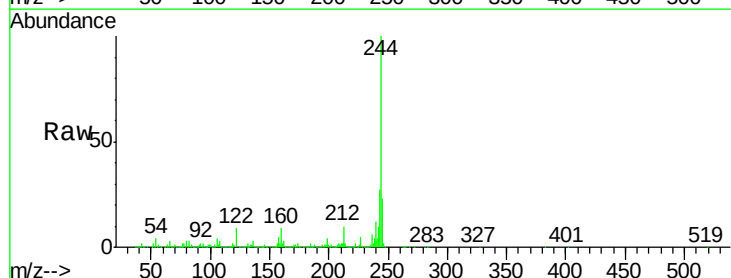
Delta R.T. -0.01 min

Lab File: BG024148.D

Acq: 28 Sep 2016 15:57

Tgt Ion:244 Resp: 1600927

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 244 | 100   |       |       |
| 212 | 10.2  | 10.8  | 16.2# |
| 122 | 8.7   | 8.0   | 12.0  |

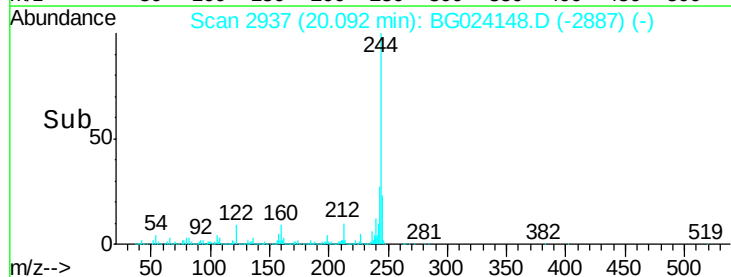
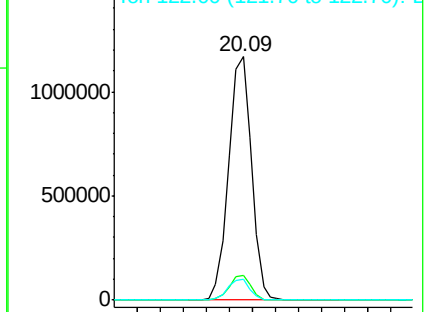


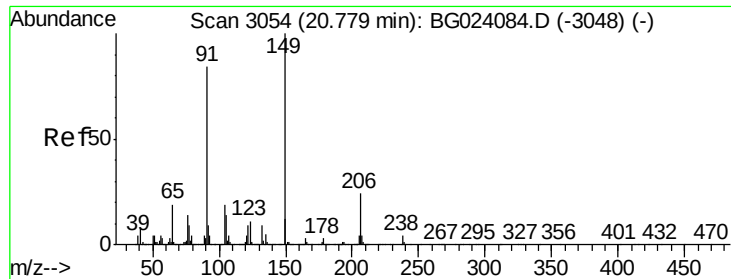
Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 37.13 ng

RT: 20.77 min Scan# 3053

Delta R.T. -0.01 min

Lab File: BG024148.D

Acq: 28 Sep 2016 15:57

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

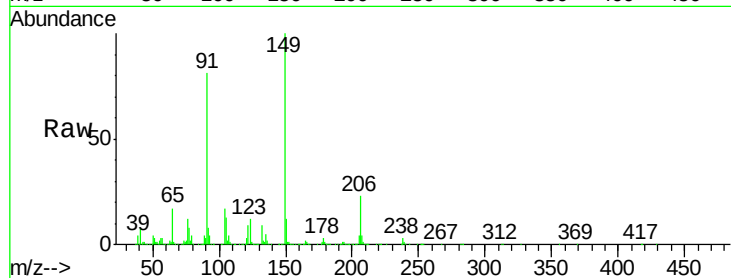
Tot Ion:149 Resp: 511002

Ion Ratio Lower Upper

149 100

91 80.5 68.1 102.1

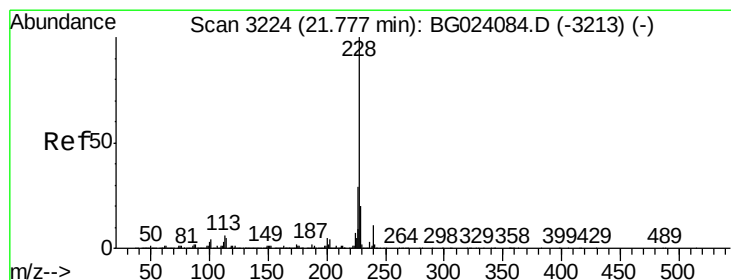
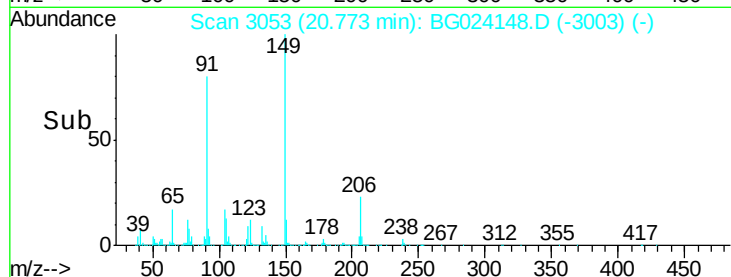
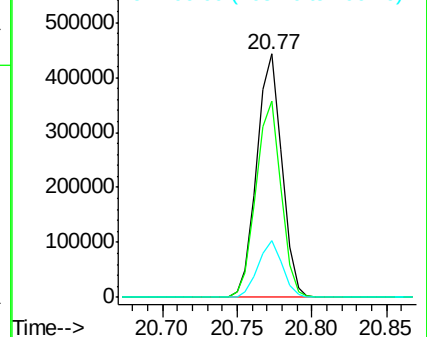
206 23.3 19.8 29.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 37.82 ng

RT: 21.77 min Scan# 3222

Delta R.T. -0.01 min

Lab File: BG024148.D

Acq: 28 Sep 2016 15:57

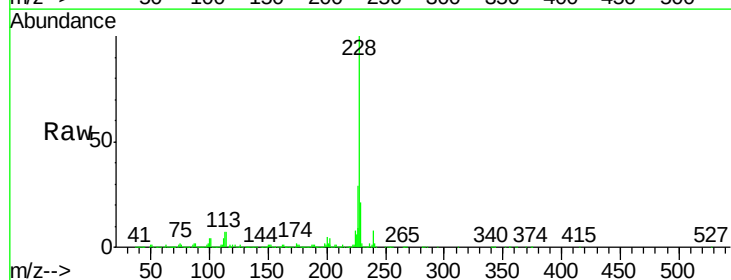
Tgt Ion:228 Resp: 1152143

Ion Ratio Lower Upper

228 100

226 28.6 25.3 37.9

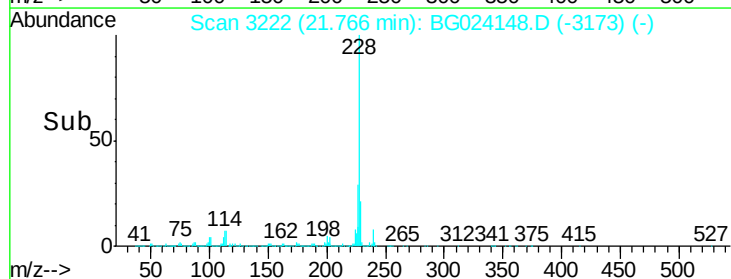
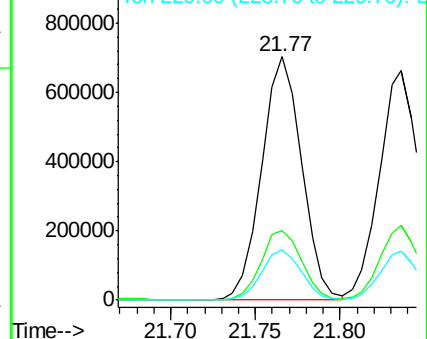
229 20.9 19.9 29.9

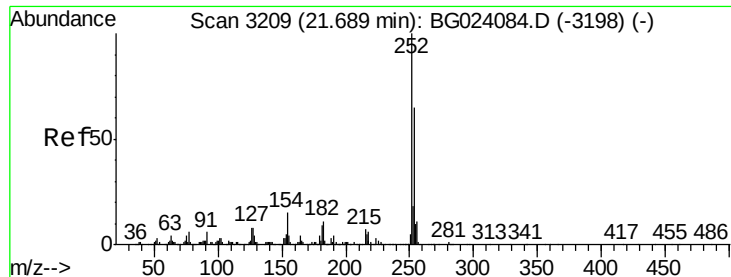


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

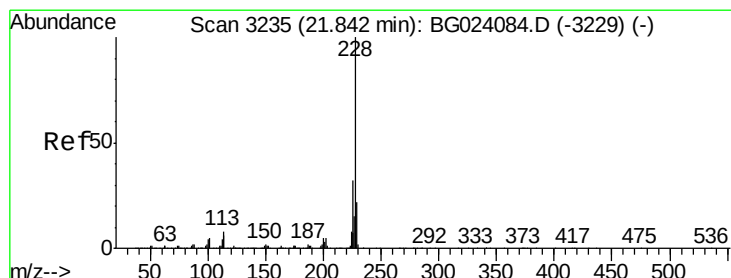
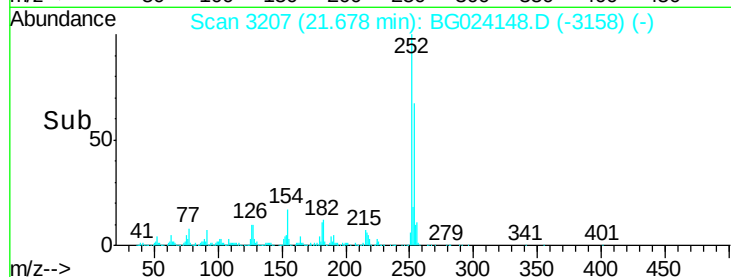
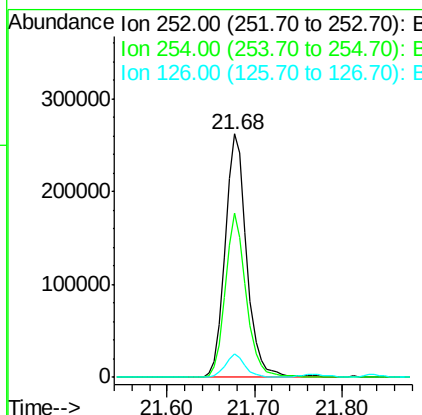
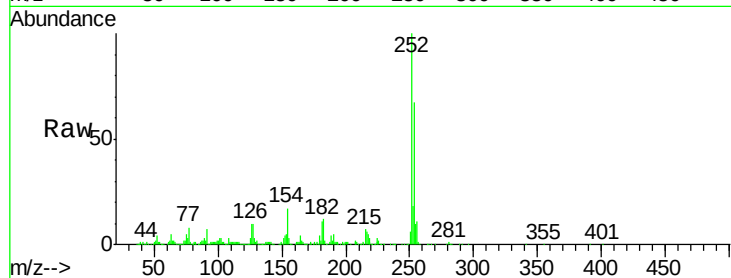




#81  
 3,3'-Dichlorobenzidine  
 Concen: 40.70 ng  
 RT: 21.68 min Scan# 3207  
 Delta R.T. -0.01 min  
 Lab File: BG024148.D  
 Acq: 28 Sep 2016 15:57

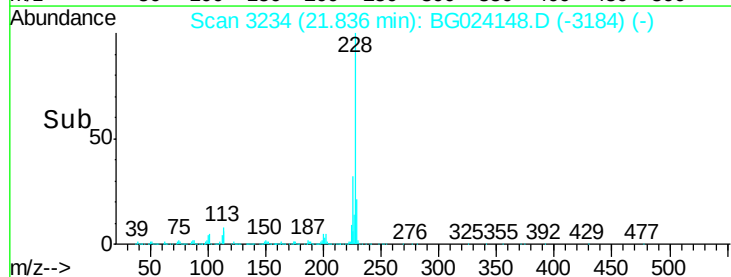
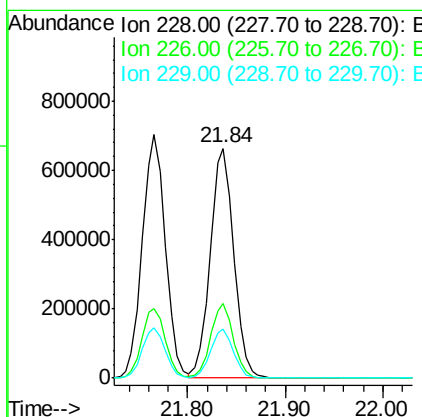
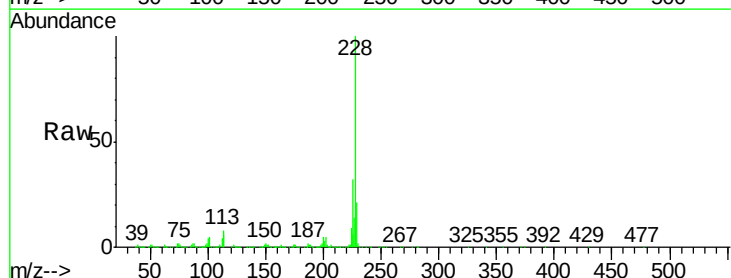
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

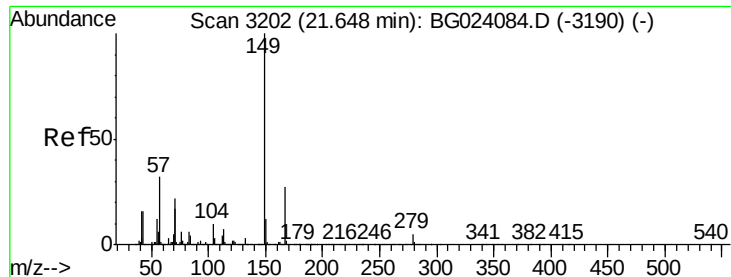
Tot Ion:252 Resp: 444385  
 Ion Ratio Lower Upper  
 252 100  
 254 67.5 51.2 76.8  
 126 9.7 5.3 7.9#



#82  
 Chrysene  
 Concen: 38.57 ng  
 RT: 21.84 min Scan# 3234  
 Delta R.T. -0.01 min  
 Lab File: BG024148.D  
 Acq: 28 Sep 2016 15:57

Tgt Ion:228 Resp: 1104433  
 Ion Ratio Lower Upper  
 228 100  
 226 32.5 26.7 40.1  
 229 21.1 17.4 26.2





#83

Bis(2-ethylhexyl)phthalate

Concen: 43.86 ng

RT: 21.64 min Scan# 3200

Delta R.T. -0.01 min

Lab File: BG024148.D

Acq: 28 Sep 2016 15:57

Instrument :

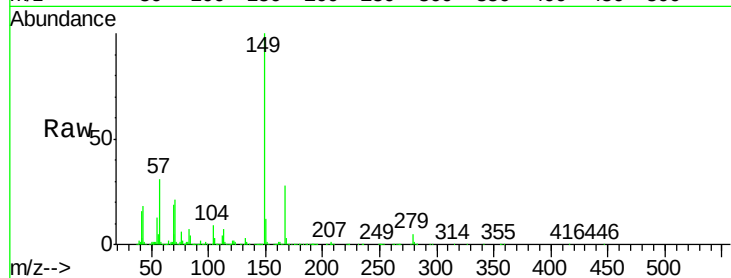
BNA\_G

ClientSampleId :

SSTDCCC040

Tot Ion:149 Resp: 721146

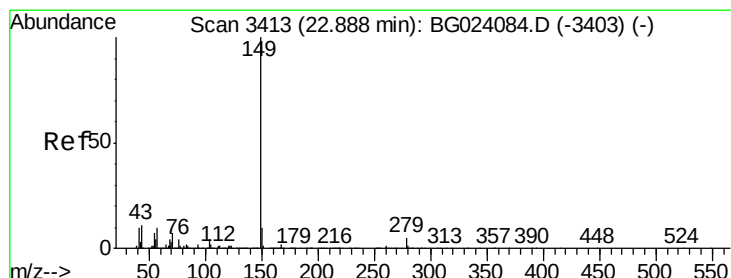
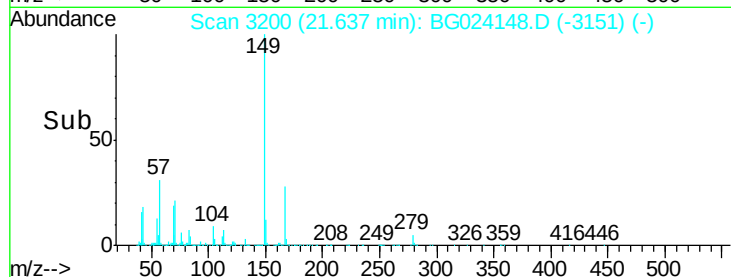
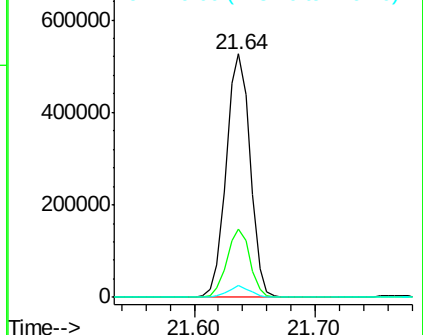
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 167 | 28.1  | 24.0  | 36.0  |
| 279 | 5.0   | 4.8   | 7.2   |



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 44.53 ng

RT: 22.88 min Scan# 3411

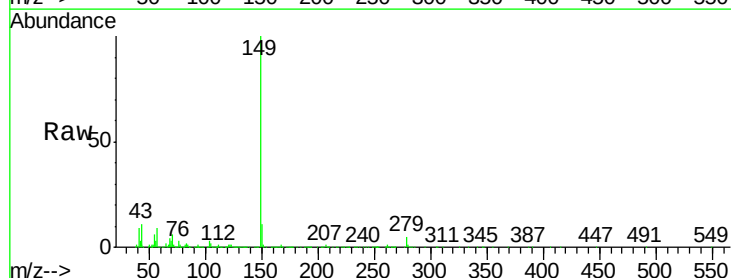
Delta R.T. -0.01 min

Lab File: BG024148.D

Acq: 28 Sep 2016 15:57

Tgt Ion:149 Resp: 1263097

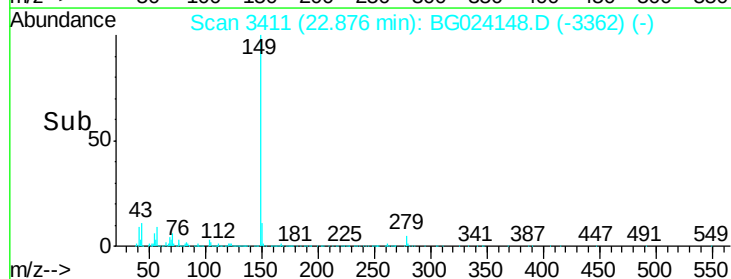
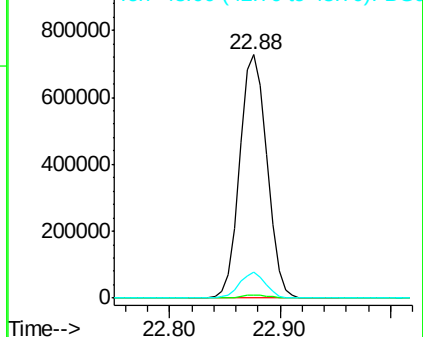
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 167 | 1.5   | 1.5   | 2.3   |
| 43  | 10.3  | 8.8   | 13.2  |

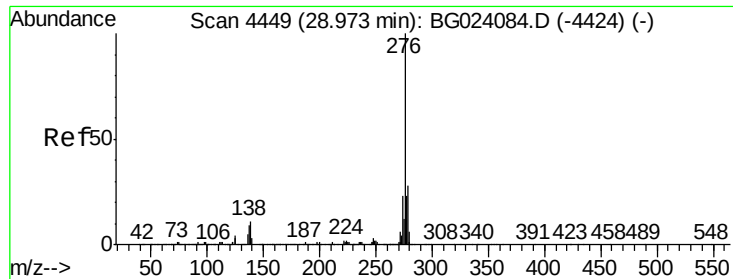


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BG





#85

Indeno(1,2,3-cd)pyrene

Concen: 43.70 ng

RT: 28.95 min Scan# 4445

Delta R.T. -0.02 min

Lab File: BG024148.D

Acq: 28 Sep 2016 15:57

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

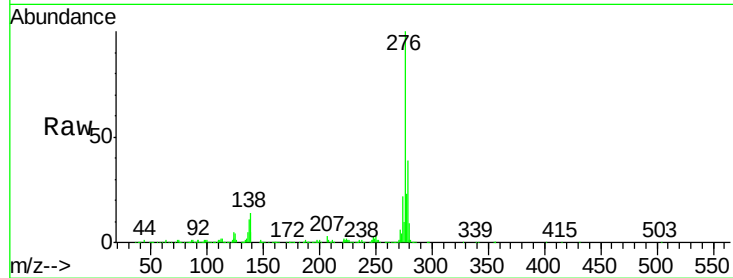
Tot Ion:276 Resp: 1395525

Ion Ratio Lower Upper

276 100

138 16.2 0.0 0.0#

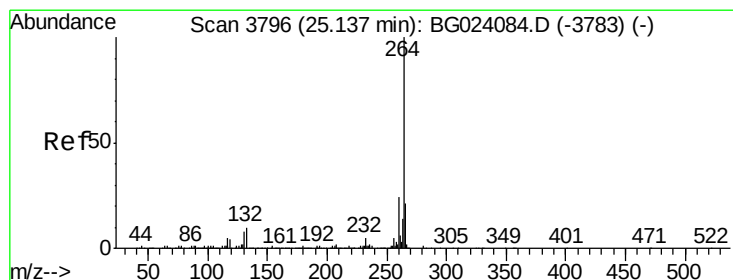
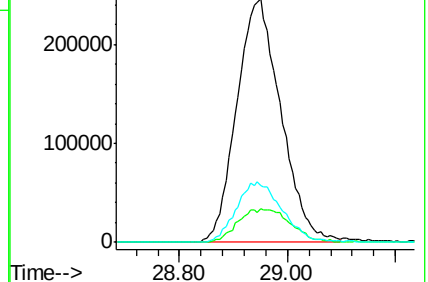
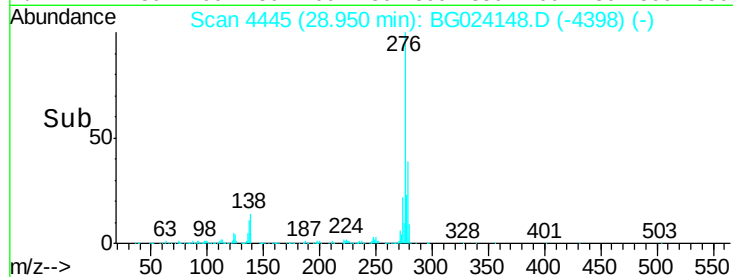
277 25.6 0.0 0.0#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.12 min Scan# 3793

Delta R.T. -0.02 min

Lab File: BG024148.D

Acq: 28 Sep 2016 15:57

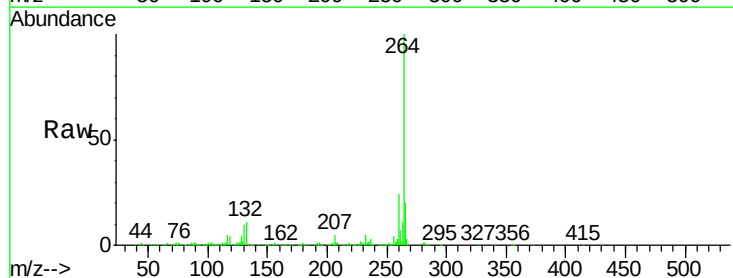
Tgt Ion:264 Resp: 540856

Ion Ratio Lower Upper

264 100

260 24.3 18.4 27.6

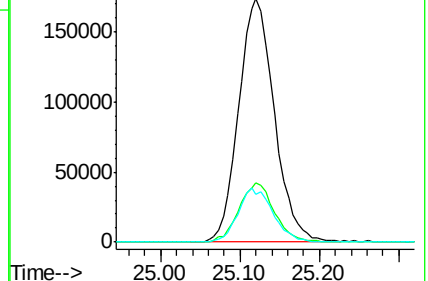
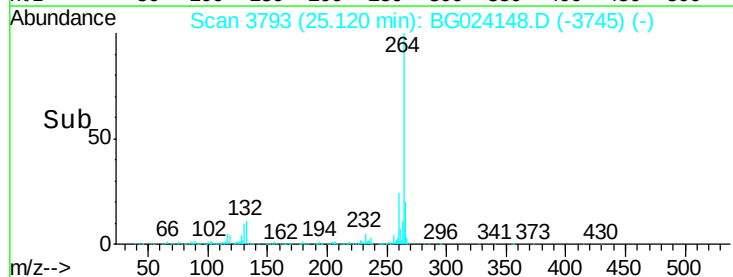
265 19.8 18.9 28.3

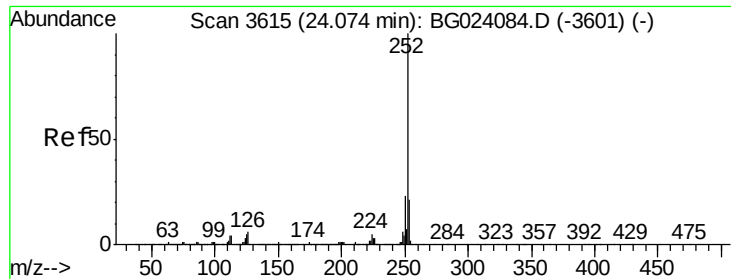


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 37.18 ng

RT: 24.06 min Scan# 3612

Delta R.T. -0.02 min

Lab File: BG024148.D

Acq: 28 Sep 2016 15:57

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

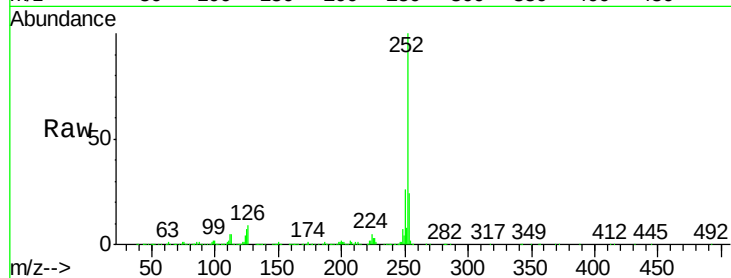
Tot Ion:252 Resp: 1169779

Ion Ratio Lower Upper

252 100

253 24.1 18.9 28.3

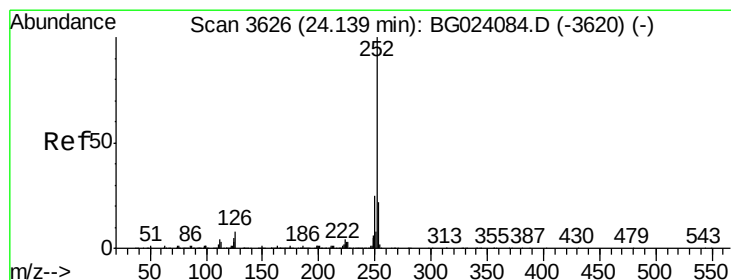
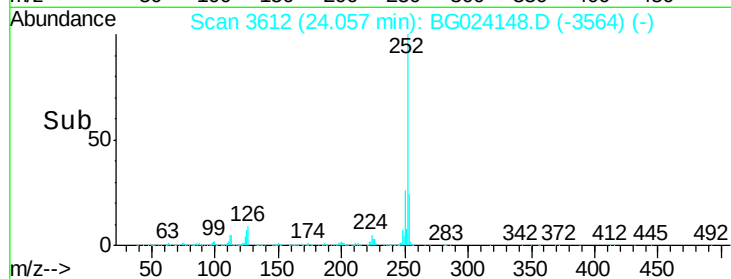
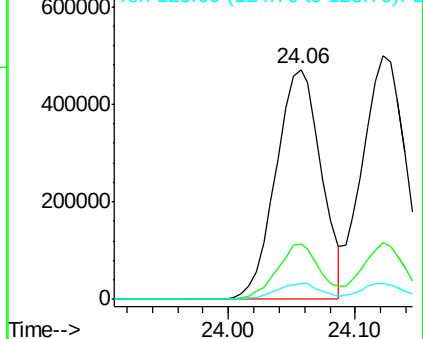
125 6.9 3.9 5.9#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 38.69 ng

RT: 24.12 min Scan# 3623

Delta R.T. -0.02 min

Lab File: BG024148.D

Acq: 28 Sep 2016 15:57

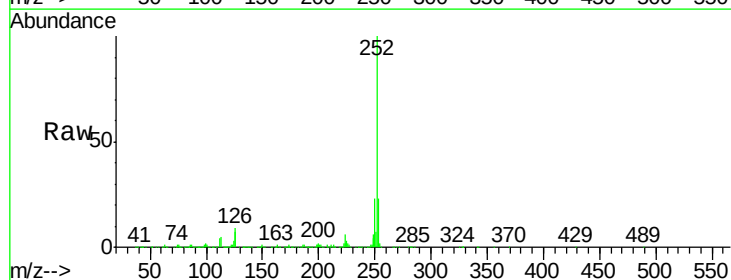
Tgt Ion:252 Resp: 1209217

Ion Ratio Lower Upper

252 100

253 23.2 18.8 28.2

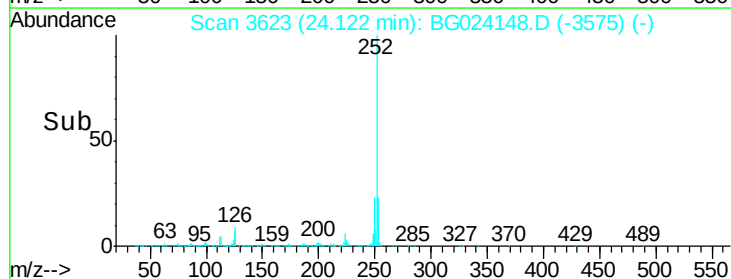
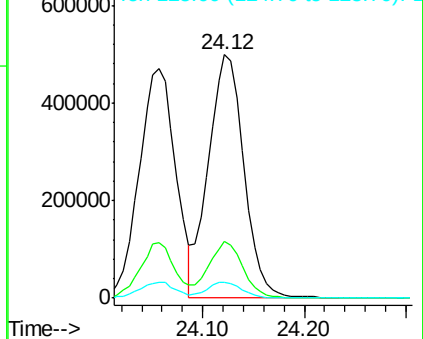
125 6.5 3.2 4.8#



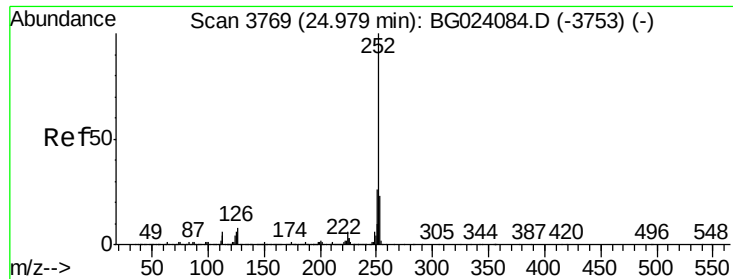
Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E







#89

Benzo(a)pyrene

Concen: 38.03 ng

RT: 24.96 min Scan# 3766

Delta R.T. -0.02 min

Lab File: BG024148.D

Acq: 28 Sep 2016 15:57

Instrument :

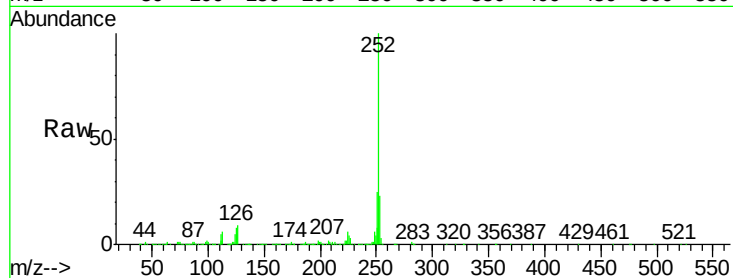
BNA\_G

ClientSampleId :

SSTDCCC040

Tot Ion:252 Resp: 1156829

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 22.8  | 18.7  | 28.1  |
| 125 | 7.6   | 3.9   | 5.9   |

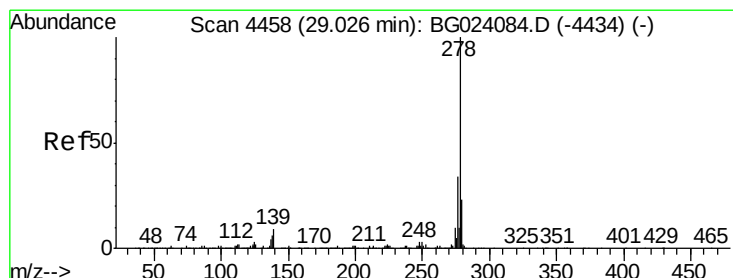
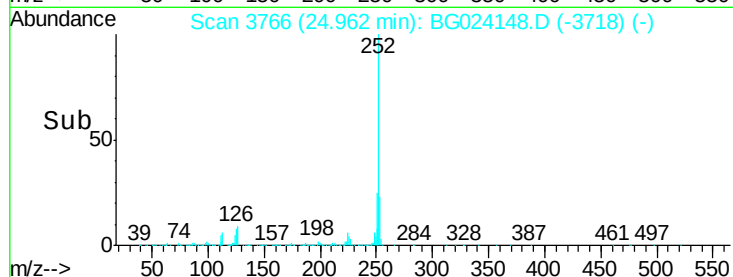
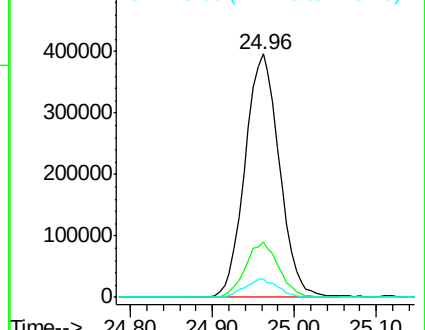


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 36.96 ng

RT: 28.99 min Scan# 4451

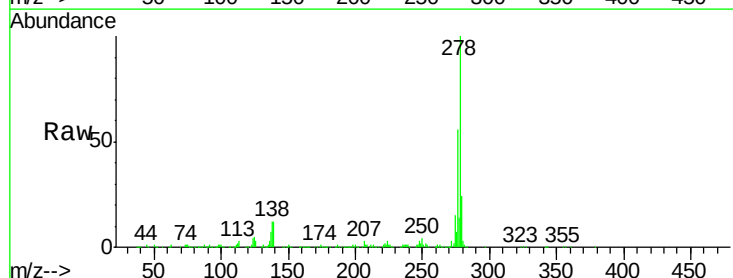
Delta R.T. -0.04 min

Lab File: BG024148.D

Acq: 28 Sep 2016 15:57

Tgt Ion:278 Resp: 1122650

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 278 | 100   |       |       |
| 139 | 12.0  | 4.7   | 7.1   |
| 279 | 23.6  | 18.3  | 27.5  |

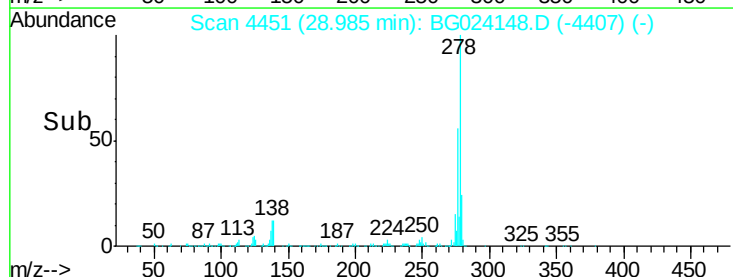
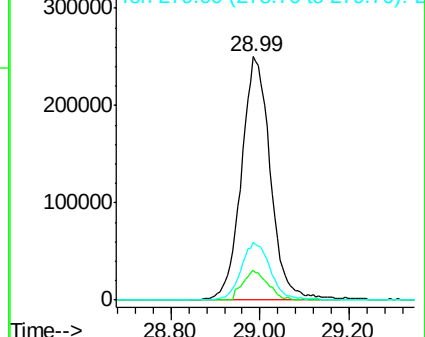


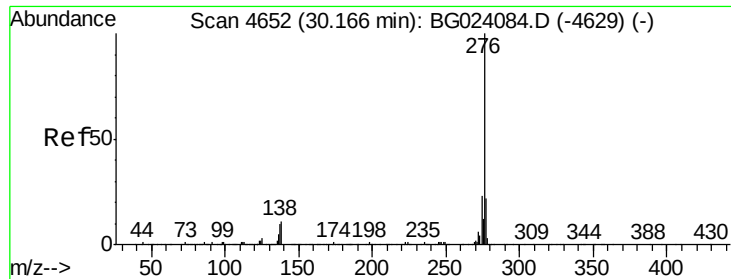
Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91  
 Benzo(a,h,i)perylene  
 Concen: 37.95 ng  
 RT: 30.14 min Scan# 4648  
 Delta R.T. -0.02 min  
 Lab File: BG024148.D  
 Acq: 28 Sep 2016 15:57

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

Tot Ion:276 Resp: 1161463  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 276 | 100   |       |       |
| 277 | 23.8  | 18.6  | 27.8  |
| 138 | 13.7  | 6.8   | 10.2  |

