

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040617\  
 Data File : BG026592.D  
 Acq On : 7 Apr 2017 8:32  
 Operator : SJ/MA  
 Sample : I2574-06MSD  
 Misc :  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 B45-S1(0-2)MSD

Quant Time: Apr 07 13:36:11 2017  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG032017.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Mar 20 17:43:27 2017  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.04  | 152  | 147412   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.84 | 136  | 620679   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 14.65 | 164  | 390687   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 17.38 | 188  | 979649   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 21.63 | 240  | 1057510  | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 24.81 | 264  | 1078844  | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |         |        |    |      |
|--------------------------|-------|-----|---------|--------|----|------|
| 5) 2-Fluorophenol        | 5.62  | 112 | 1298828 | 156.38 | ng | 0.00 |
| 7) Phenol-d6             | 7.21  | 99  | 1718738 | 154.14 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 9.20  | 82  | 943630  | 91.41  | ng | 0.00 |
| 41) 2,4,6-Tribromophenol | 16.13 | 330 | 802765  | 179.43 | ng | 0.00 |
| 44) 2-Fluorobiphenyl     | 13.28 | 172 | 2400297 | 86.16  | ng | 0.00 |
| 78) Terphenyl-d14        | 19.98 | 244 | 3379788 | 77.62  | ng | 0.00 |

## Target Compounds

|                                |       |     |         |        |    | Qvalue |
|--------------------------------|-------|-----|---------|--------|----|--------|
| 2) 1,4-Dioxane                 | 3.50  | 88  | 138929  | 37.27  | ng | # 69   |
| 3) Pyridine                    | 3.90  | 79  | 187730  | 18.39  | ng | # 63   |
| 4) n-Nitrosodimethylamine      | 3.81  | 42  | 122017  | 43.73  | ng | # 1    |
| 6) Aniline                     | 7.37  | 93  | 498948  | 33.50  | ng | # 85   |
| 8) 2-Chlorophenol              | 7.61  | 128 | 510394  | 54.57  | ng | # 79   |
| 9) Benzaldehyde                | 7.17  | 77  | 211702  | 28.12  | ng | # 64   |
| 10) Phenol                     | 7.23  | 94  | 721513  | 60.64  | ng | # 70   |
| 11) bis(2-Chloroethyl)ether    | 7.46  | 93  | 459370  | 47.08  | ng | # 81   |
| 12) 1,3-Dichlorobenzene        | 7.93  | 146 | 549191  | 49.33  | ng | # 84   |
| 13) 1,4-Dichlorobenzene        | 8.08  | 146 | 563558  | 50.04  | ng | # 92   |
| 14) 1,2-Dichlorobenzene        | 8.40  | 146 | 541467  | 50.24  | ng | # 89   |
| 15) Benzyl Alcohol             | 8.28  | 79  | 317537  | 43.44  | ng | # 72   |
| 16) 2,2'-oxybis(1-Chloropropan | 8.57  | 45  | 441361  | 40.73  | ng | 75     |
| 17) 2-Methylphenol             | 8.48  | 107 | 444666  | 52.62  | ng | # 81   |
| 18) Hexachloroethane           | 9.12  | 117 | 177508  | 48.20  | ng | 95     |
| 19) n-Nitroso-di-n-propylamine | 8.84  | 70  | 336505  | 46.95  | ng | # 69   |
| 20) 3+4-Methylphenols          | 8.81  | 107 | 609295  | 52.37  | ng | 86     |
| 22) Acetophenone               | 8.86  | 105 | 718056  | 50.31  | ng | # 73   |
| 24) Nitrobenzene               | 9.24  | 77  | 493232  | 48.39  | ng | # 69   |
| 25) Isophorone                 | 9.76  | 82  | 967373  | 49.72  | ng | # 89   |
| 26) 2-Nitrophenol              | 9.95  | 139 | 311108  | 58.66  | ng | # 61   |
| 27) 2,4-Dimethylphenol         | 10.01 | 122 | 487802  | 56.04  | ng | 84     |
| 28) bis(2-Chloroethoxy)methane | 10.24 | 93  | 631289  | 49.95  | ng | # 95   |
| 29) 2,4-Dichlorophenol         | 10.49 | 162 | 540608  | 61.41  | ng | 91     |
| 30) 1,2,4-Trichlorobenzene     | 10.70 | 180 | 544631  | 55.07  | ng | 99     |
| 31) Naphthalene                | 10.89 | 128 | 1567987 | 49.96  | ng | 100    |
| 32) Benzoic acid               | 10.14 | 122 | 233637  | 34.88  | ng | # 72   |
| 33) 4-Chloroaniline            | 11.00 | 127 | 127046  | 9.95   | ng | # 82   |
| 34) Hexachlorobutadiene        | 11.18 | 225 | 312162  | 53.50  | ng | 96     |
| 35) Caprolactam                | 11.77 | 113 | 229188m | 66.07  | ng |        |
| 36) 4-Chloro-3-methylphenol    | 12.12 | 107 | 537779  | 57.11  | ng | # 74   |
| 37) 2-Methylnaphthalene        | 12.49 | 142 | 1230601 | 53.53  | ng | # 92   |
| 39) 1,2,4,5-Tetrachlorobenzene | 12.86 | 216 | 596326  | 50.73  | ng | 98     |
| 40) Hexachlorocyclopentadiene  | 12.84 | 237 | 638510  | 103.19 | ng | 94     |

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 Sample : I2574-06MSD  
 Misc :  
 ALS Vial : 23 Sample Multiplier: 1

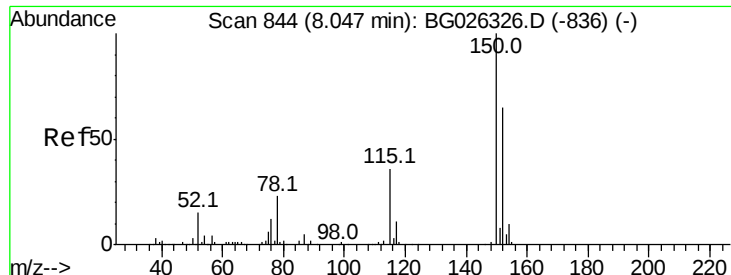
Instrument :  
 BNA\_G  
 ClientSampleId :  
 B45-S1(0-2)MSD

Quant Time: Apr 07 13:36:11 2017  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG032017.M  
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 QLast Update : Mon Mar 20 17:43:27 2017  
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| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 13.09 | 196  | 439642   | 57.12  | nq    | 97       |
| 43) 2,4,5-Trichlorophenol      | 13.17 | 196  | 471154   | 55.38  | nq    | # 92     |
| 45) 1,1'-Biphenyl              | 13.48 | 154  | 1538497  | 47.55  | nq    | 99       |
| 46) 2-Chloronaphthalene        | 13.53 | 162  | 1195476  | 50.59  | nq    | 97       |
| 47) 2-Nitroaniline             | 13.73 | 65   | 325400   | 48.42  | nq    | # 47     |
| 48) Acenaphthylene             | 14.37 | 152  | 1952219  | 47.39  | nq    | 99       |
| 49) Dimethylphthalate          | 14.10 | 163  | 2058603  | 69.81  | nq    | 99       |
| 50) 2,6-Dinitrotoluene         | 14.22 | 165  | 387096   | 56.24  | nq    | # 59     |
| 51) Acenaphthene               | 14.71 | 154  | 1243206  | 49.01  | nq    | 99       |
| 52) 3-Nitroaniline             | 14.55 | 138  | 275123   | 36.31  | nq    | # 64     |
| 53) 2,4-Dinitrophenol          | 14.76 | 184  | 478791   | 119.92 | nq    | # 74     |
| 54) Dibenzofuran               | 15.05 | 168  | 1906456  | 53.38  | nq    | 90       |
| 55) 4-Nitrophenol              | 14.86 | 139  | 675705   | 108.89 | nq    | # 38     |
| 56) 2,4-Dinitrotoluene         | 15.01 | 165  | 551036   | 56.93  | nq    | # 68     |
| 57) Fluorene                   | 15.69 | 166  | 1586100  | 49.90  | nq    | 99       |
| 58) 2,3,4,6-Tetrachlorophenol  | 15.27 | 232  | 453245   | 61.09  | nq    | # 96     |
| 59) Diethylphthalate           | 15.45 | 149  | 1580232  | 52.43  | nq    | 99       |
| 60) 4-Chlorophenyl-phenylether | 15.68 | 204  | 799993   | 53.11  | nq    | 90       |
| 61) 4-Nitroaniline             | 15.71 | 138  | 441784   | 55.11  | nq    | # 50     |
| 62) Azobenzene                 | 15.97 | 77   | 1249709  | 51.00  | nq    | 78       |
| 64) 4,6-Dinitro-2-methylphenol | 15.77 | 198  | 361538   | 58.54  | nq    | 83       |
| 65) n-Nitrosodiphenylamine     | 15.89 | 169  | 1412780  | 49.14  | nq    | 98       |
| 66) 4-Bromophenyl-phenylether  | 16.57 | 248  | 541966   | 53.75  | nq    | 93       |
| 67) Hexachlorobenzene          | 16.70 | 284  | 587143   | 54.59  | nq    | # 89     |
| 68) Atrazine                   | 16.83 | 200  | 541070   | 49.71  | nq    | 97       |
| 69) Pentachlorophenol          | 17.04 | 266  | 748778   | 107.07 | nq    | 96       |
| 70) Phenanthrene               | 17.43 | 178  | 2490219  | 47.34  | nq    | 99       |
| 71) Anthracene                 | 17.51 | 178  | 2585884  | 48.18  | nq    | 97       |
| 72) Carbazole                  | 17.78 | 167  | 2490888  | 45.07  | nq    | 97       |
| 73) Di-n-butylphthalate        | 18.33 | 149  | 2696375  | 47.49  | nq    | # 95     |
| 74) Fluoranthene               | 19.42 | 202  | 2860948  | 46.25  | nq    | 96       |
| 76) Benzidine                  | 19.61 | 184  | 186533   | 5.12   | nq    | 98       |
| 77) Pyrene                     | 19.79 | 202  | 2890690  | 47.21  | nq    | 96       |
| 79) Butylbenzylphthalate       | 20.66 | 149  | 1263612  | 51.58  | nq    | # 84     |
| 80) Benzo(a)anthracene         | 21.61 | 228  | 2811291  | 47.24  | nq    | 99       |
| 81) 3,3'-Dichlorobenzidine     | 21.52 | 252  | 835035   | 34.28  | nq    | # 98     |
| 82) Chrysene                   | 21.67 | 228  | 2563642  | 45.09  | nq    | 98       |
| 83) Bis(2-ethylhexyl)phthalate | 21.51 | 149  | 1838468  | 49.68  | nq    | 95       |
| 84) Di-n-octyl phthalate       | 22.70 | 149  | 3056940  | 48.41  | nq    | # 81     |
| 85) Indeno(1,2,3-cd)pyrene     | 28.44 | 276  | 3606200  | 51.37  | nq    | # 88     |
| 87) Benzo(b)fluoranthene       | 23.81 | 252  | 3045611  | 47.89  | nq    | # 96     |
| 88) Benzo(k)fluoranthene       | 23.87 | 252  | 2912799  | 47.23  | nq    | # 96     |
| 89) Benzo(a)pyrene             | 24.67 | 252  | 2940068  | 48.20  | nq    | # 96     |
| 90) Dibenzo(a,h)anthracene     | 28.50 | 278  | 3011131  | 48.84  | nq    | # 92     |
| 91) Benzo(g,h,i)perylene       | 29.58 | 276  | 3007564  | 48.42  | nq    | # 88     |

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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.04 min Scan# 843

Delta R.T. -0.00 min

Lab File: BG026592.D

Acq: 7 Apr 2017 8:32

Instrument :

BNA\_G

ClientSampleId :

B45-S1(0-2)MSD

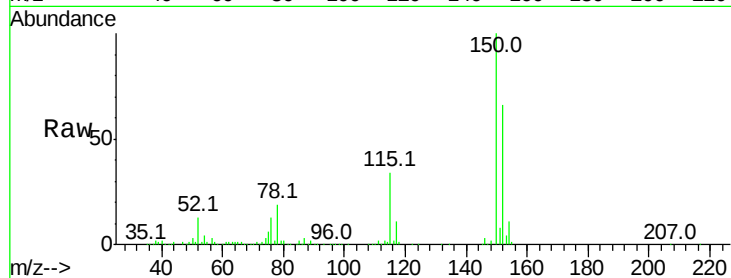
Tot Ion:152 Resp: 147412

Ion Ratio Lower Upper

152 100

150 151.9 114.0 171.0

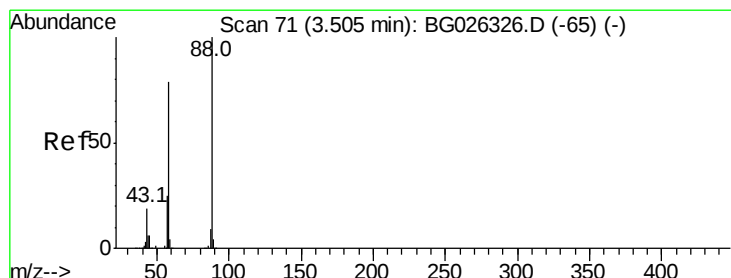
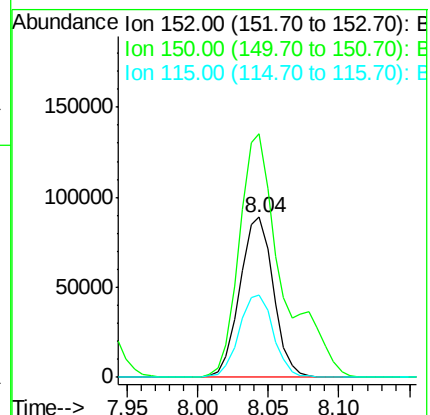
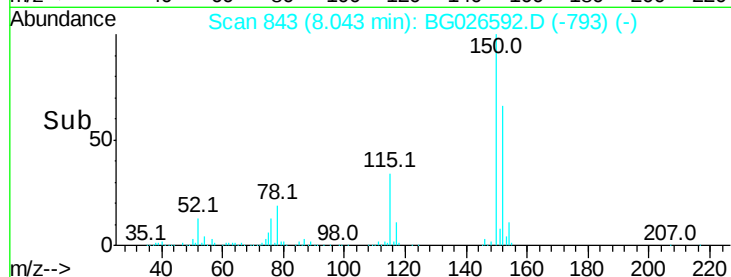
115 51.5 48.1 72.1



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: 37.27 ng

RT: 3.50 min Scan# 70

Delta R.T. -0.00 min

Lab File: BG026592.D

Acq: 7 Apr 2017 8:32

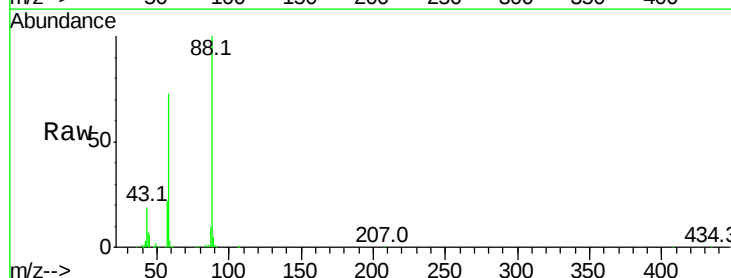
Tgt Ion: 88 Resp: 138929

Ion Ratio Lower Upper

88 100

58 70.5 79.4 119.2#

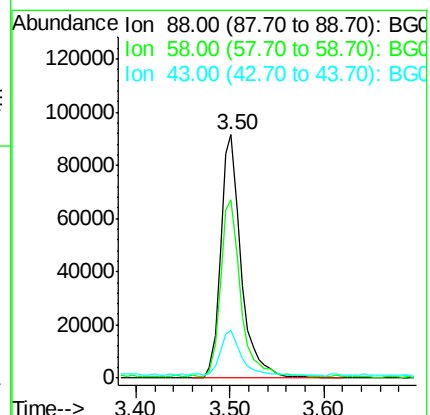
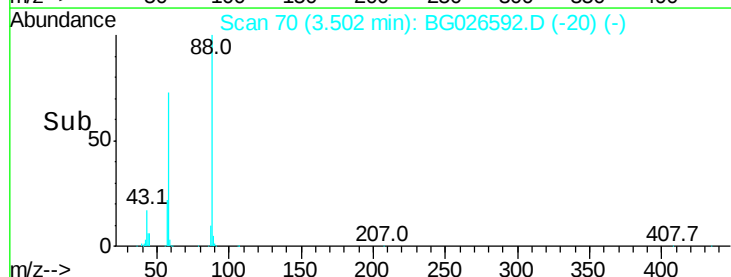
43 19.9 33.8 50.6#

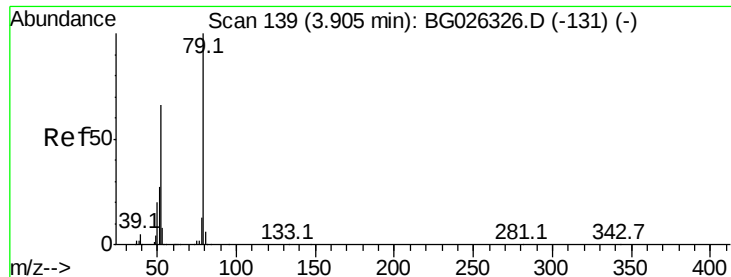


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 18.39 ng

RT: 3.90 min Scan# 138

Delta R.T. -0.00 min

Lab File: BG026592.D

Acq: 7 Apr 2017 8:32

Instrument :

BNA\_G

ClientSampleId :

B45-S1(0-2)MSD

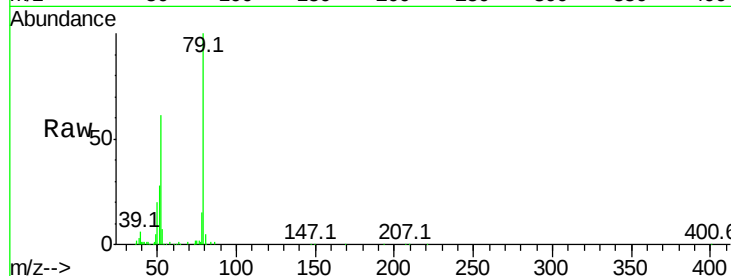
Tot Ion: 79 Resp: 187730

Ion Ratio Lower Upper

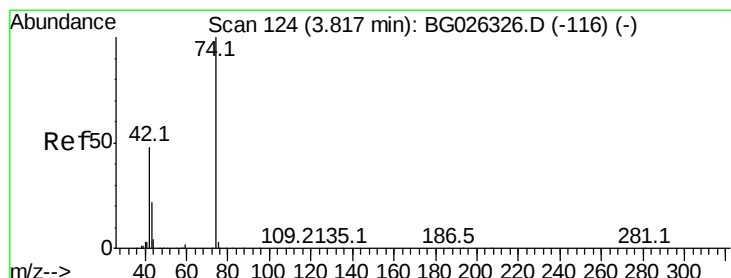
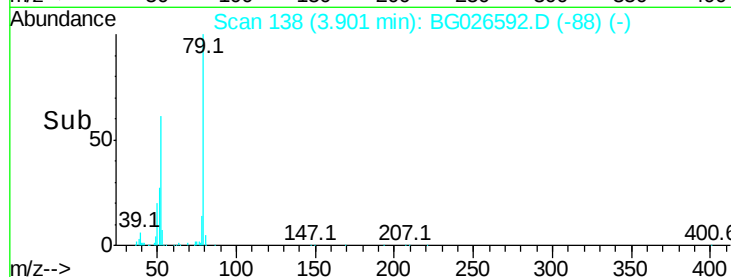
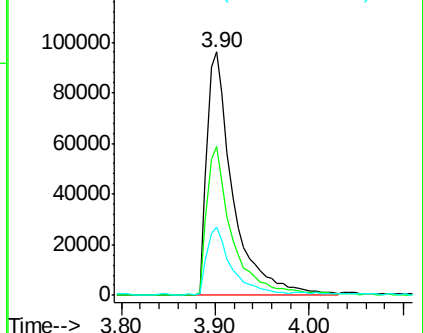
79 100

52 61.1 77.8 116.6#

51 27.8 43.2 64.8#



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



#4

n-Nitrosodimethylamine

Concen: 43.73 ng

RT: 3.81 min Scan# 123

Delta R.T. -0.00 min

Lab File: BG026592.D

Acq: 7 Apr 2017 8:32

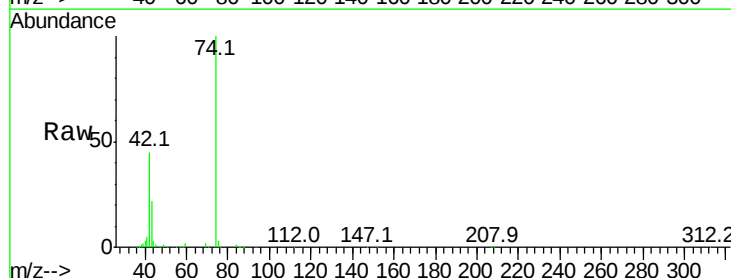
Tgt Ion: 42 Resp: 122017

Ion Ratio Lower Upper

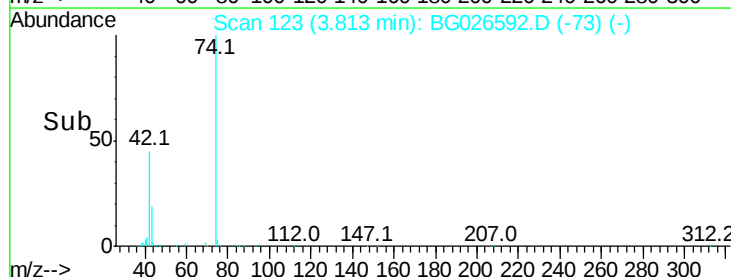
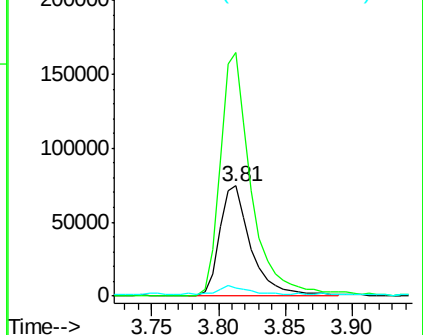
42 100

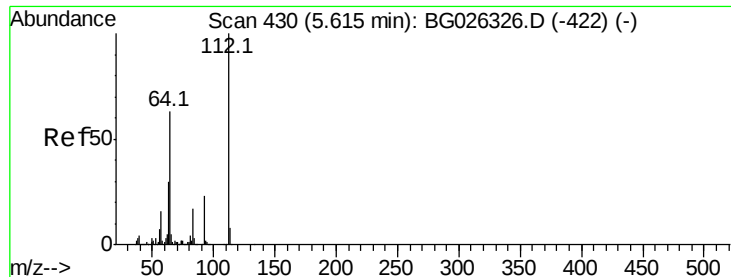
74 220.7 76.7 115.1#

44 7.2 6.1 9.1



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: 156.38 ng

RT: 5.62 min Scan# 430

Delta R.T. 0.00 min

Lab File: BG026592.D

Acq: 7 Apr 2017 8:32

Instrument :

BNA\_G

ClientSampleId :

B45-S1(0-2)MSD

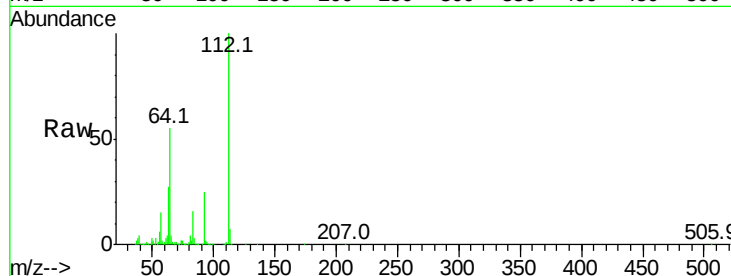
Tot Ion:112 Resp: 1298828

Ion Ratio Lower Upper

112 100

64 55.3 61.8 92.6#

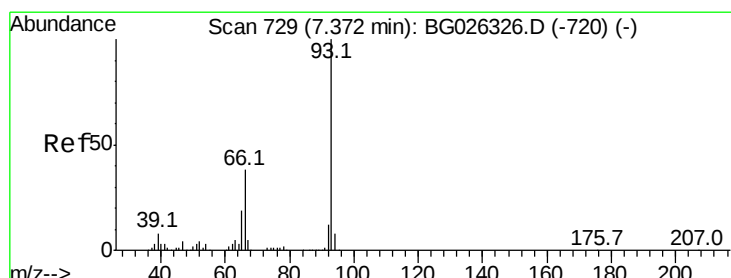
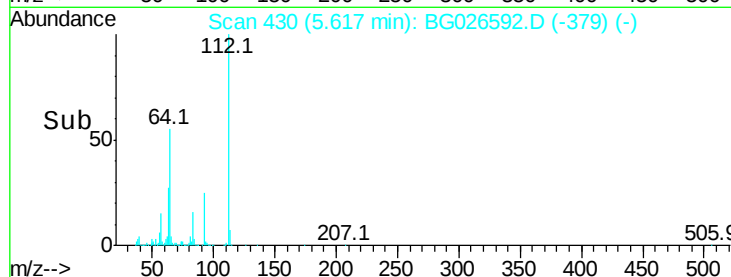
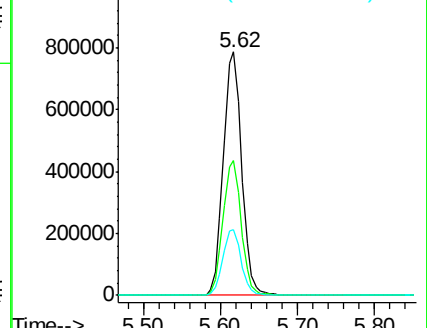
63 27.0 37.2 55.8#



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 33.50 ng

RT: 7.37 min Scan# 728

Delta R.T. -0.00 min

Lab File: BG026592.D

Acq: 7 Apr 2017 8:32

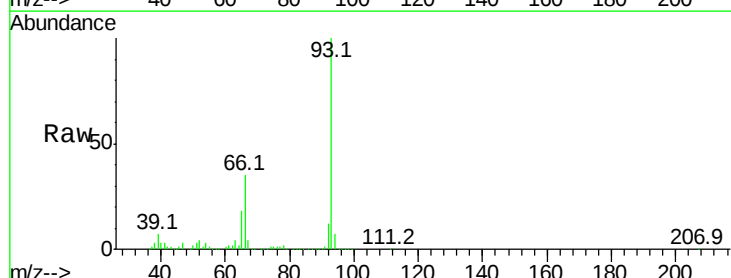
Tgt Ion: 93 Resp: 498948

Ion Ratio Lower Upper

93 100

66 35.1 35.4 53.2#

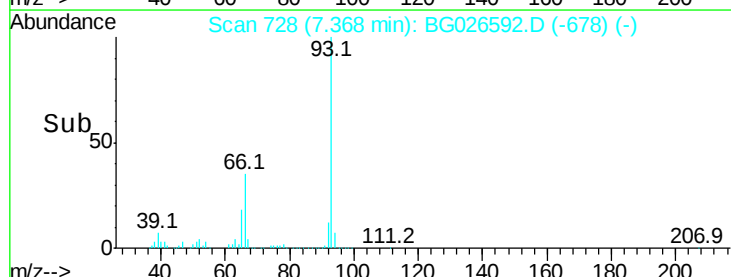
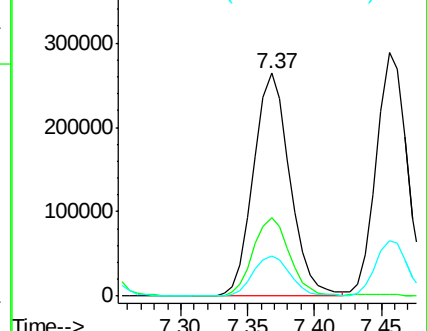
65 18.0 21.2 31.8#



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: 154.14 ng

RT: 7.21 min Scan# 701

Delta R.T. 0.00 min

Lab File: BG026592.D

Acq: 7 Apr 2017 8:32

Instrument :

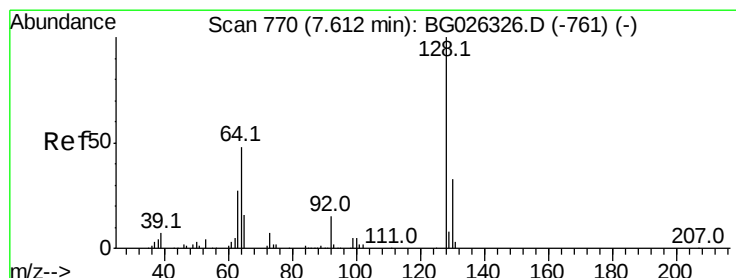
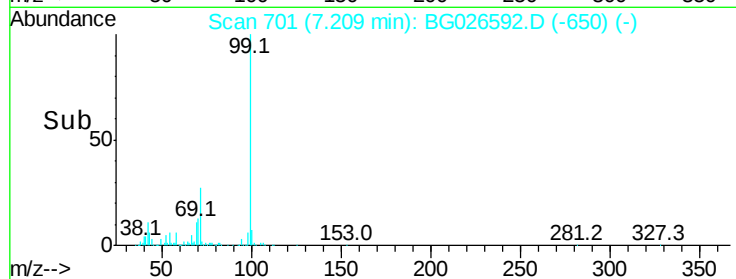
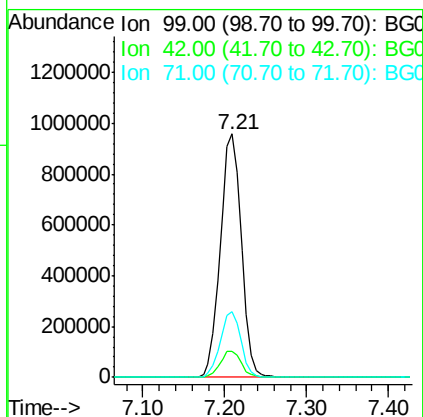
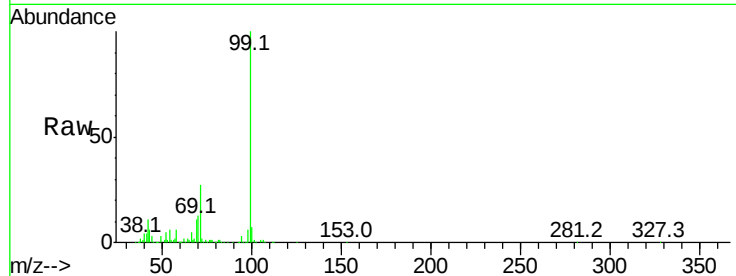
BNA\_G

ClientSampleId :

B45-S1(0-2)MSD

Tot Ion: 99 Resp: 1718738

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 10.9  | 20.5  | 30.7# |
| 71  | 26.9  | 37.6  | 56.4# |



#8

2-Chlorophenol

Concen: 54.57 ng

RT: 7.61 min Scan# 769

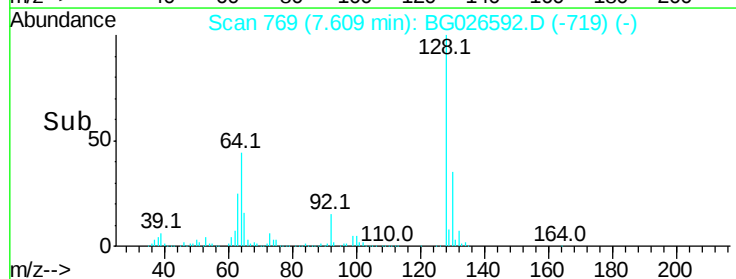
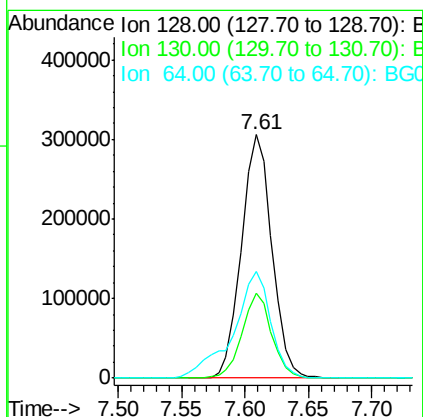
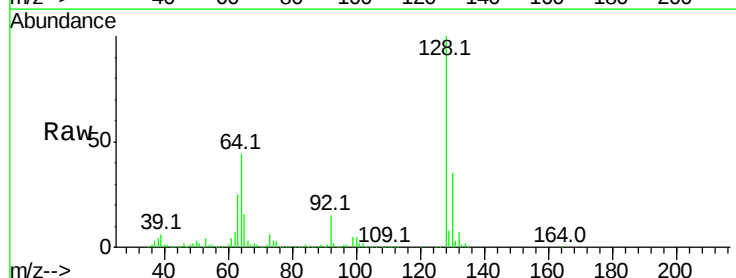
Delta R.T. -0.00 min

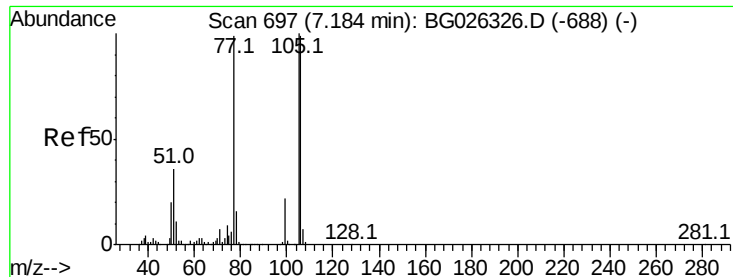
Lab File: BG026592.D

Acq: 7 Apr 2017 8:32

Tgt Ion: 128 Resp: 510394

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100   |       |       |
| 130 | 34.7  | 11.4  | 51.4  |
| 64  | 43.8  | 46.6  | 86.6# |





#9

Benzaldehyde

Concen: 28.12 ng

RT: 7.17 min Scan# 695

Delta R.T. -0.01 min

Lab File: BG026592.D

Acq: 7 Apr 2017 8:32

Instrument :

BNA\_G

ClientSampleId :

B45-S1(0-2)MSD

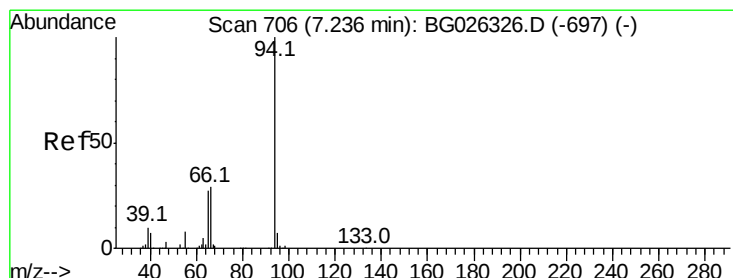
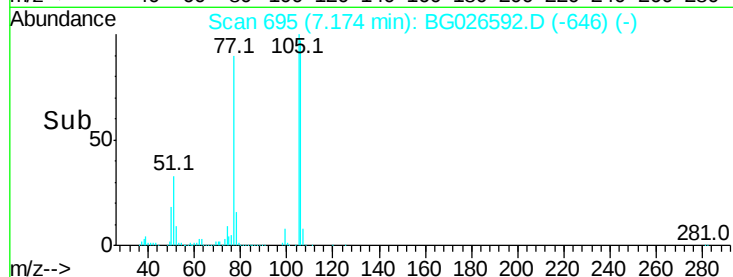
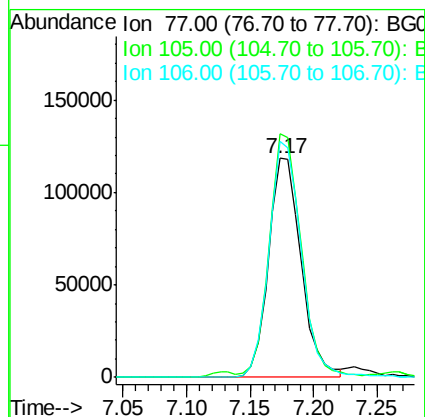
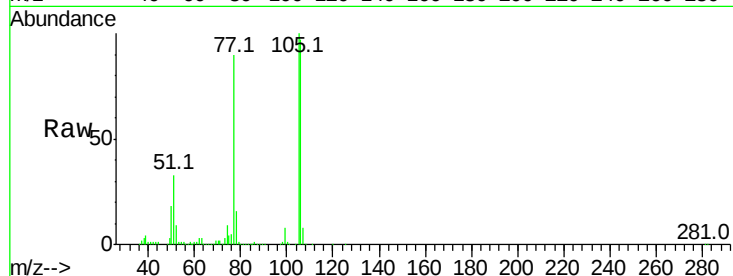
Tot Ion: 77 Resp: 211702

Ion Ratio Lower Upper

77 100

105 111.3 60.9 100.9#

106 108.1 55.1 95.1#



#10

Phenol

Concen: 60.64 ng

RT: 7.23 min Scan# 705

Delta R.T. -0.00 min

Lab File: BG026592.D

Acq: 7 Apr 2017 8:32

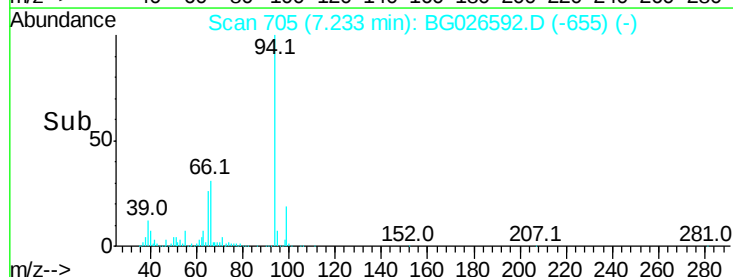
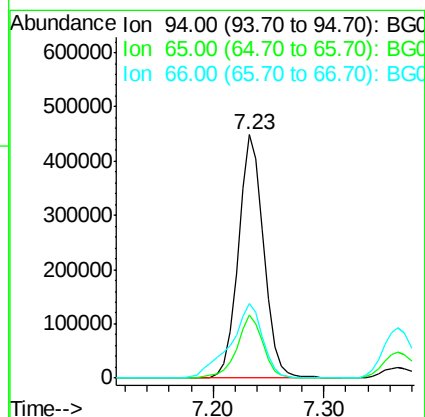
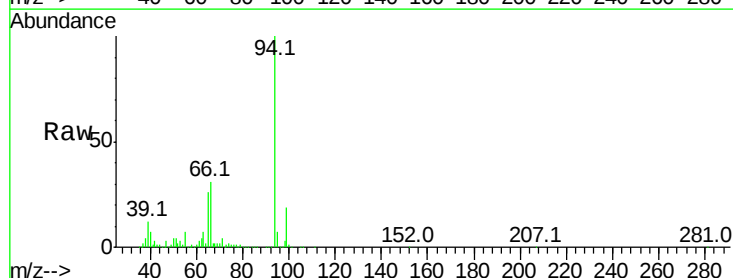
Tgt Ion: 94 Resp: 721513

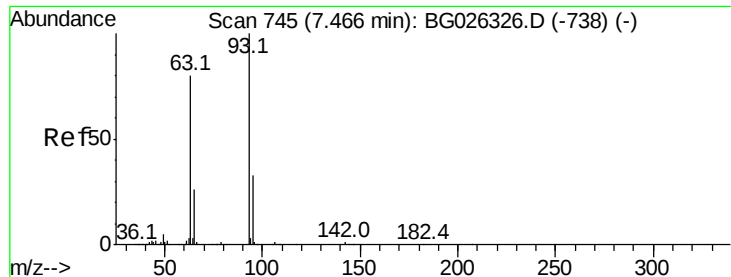
Ion Ratio Lower Upper

94 100

65 25.7 20.6 60.6

66 30.9 35.5 75.5#

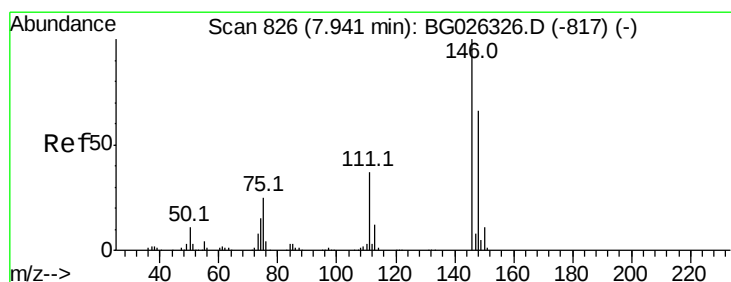
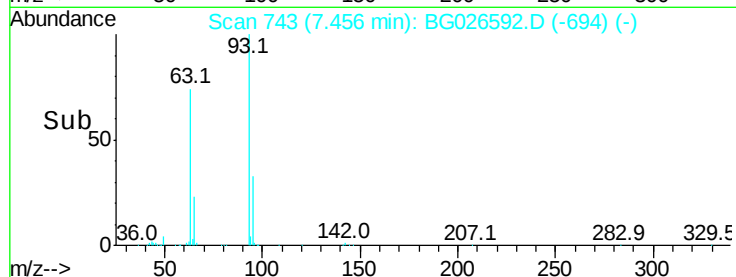
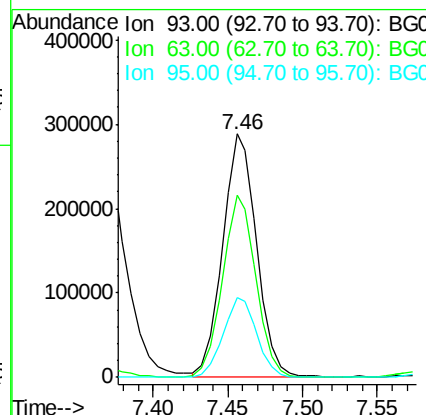
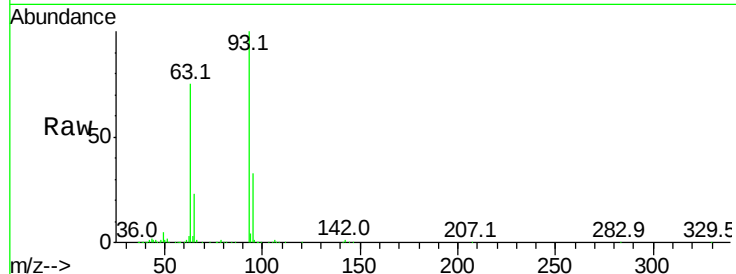




#11  
bis(2-Chloroethyl)ether  
Concen: 47.08 ng  
RT: 7.46 min Scan# 743  
Delta R.T. -0.01 min  
Lab File: BG026592.D  
Acq: 7 Apr 2017 8:32

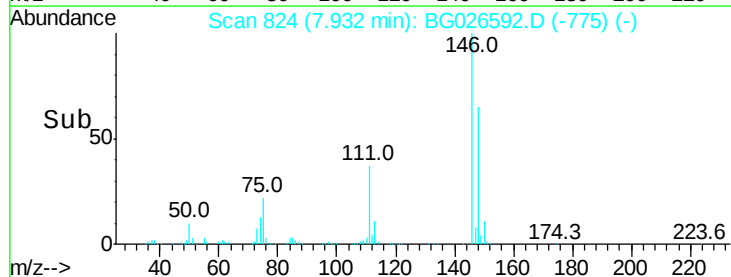
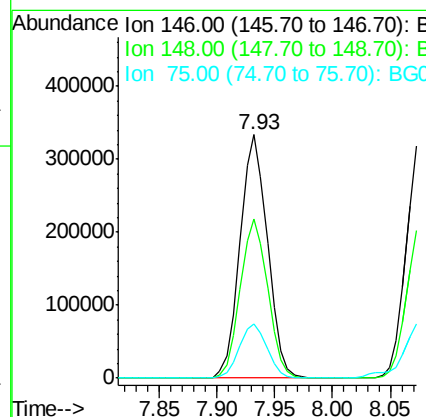
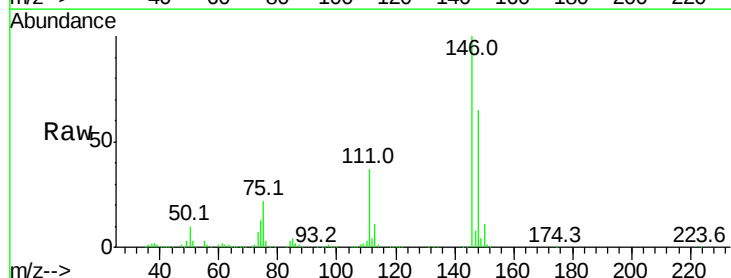
Instrument :  
BNA\_G  
ClientSampleId :  
B45-S1(0-2)MSD

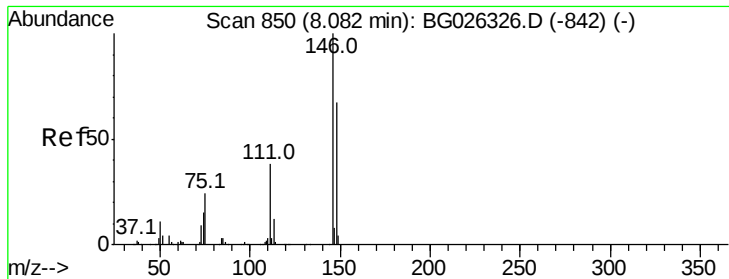
Tot Ion: 93 Resp: 459370  
Ion Ratio Lower Upper  
93 100  
63 74.9 78.5 118.5#  
95 32.5 9.8 49.8



#12  
1,3-Dichlorobenzene  
Concen: 49.33 ng  
RT: 7.93 min Scan# 824  
Delta R.T. -0.01 min  
Lab File: BG026592.D  
Acq: 7 Apr 2017 8:32

Tgt Ion: 146 Resp: 549191  
Ion Ratio Lower Upper  
146 100  
148 65.3 49.2 73.8  
75 22.2 33.4 50.2#

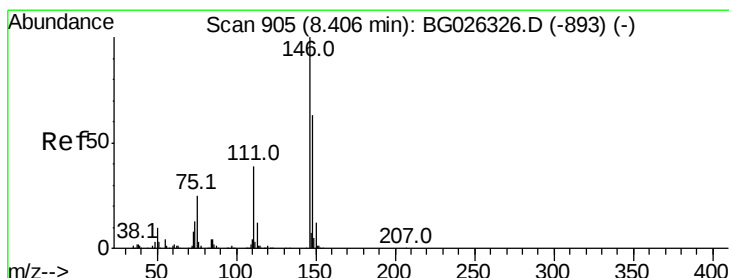
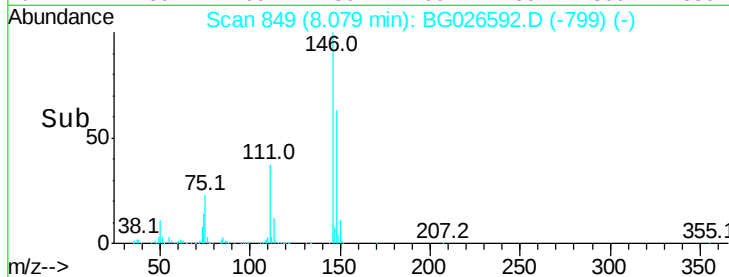
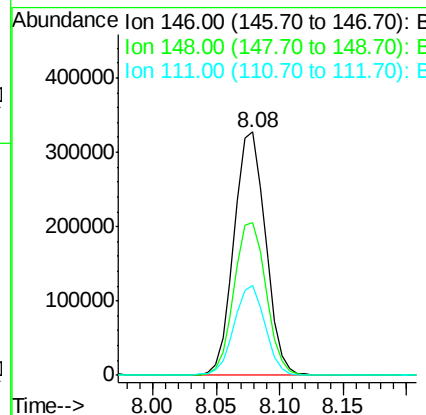
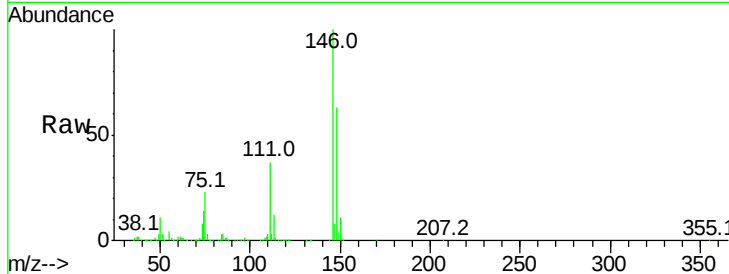




#13  
 1,4-Dichlorobenzene  
 Concen: 50.04 ng  
 RT: 8.08 min Scan# 849  
 Delta R.T. -0.00 min  
 Lab File: BG026592.D  
 Acq: 7 Apr 2017 8:32

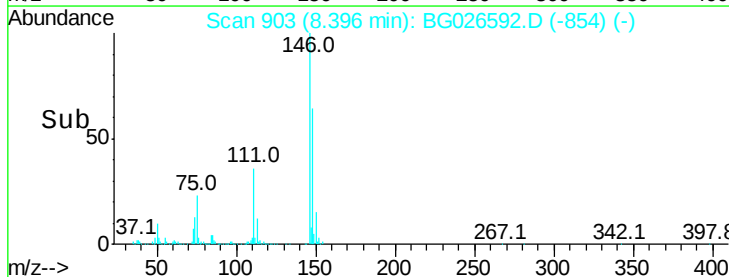
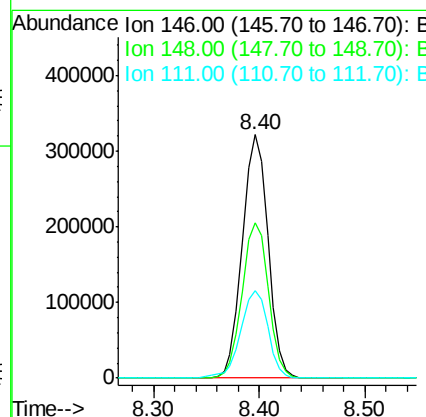
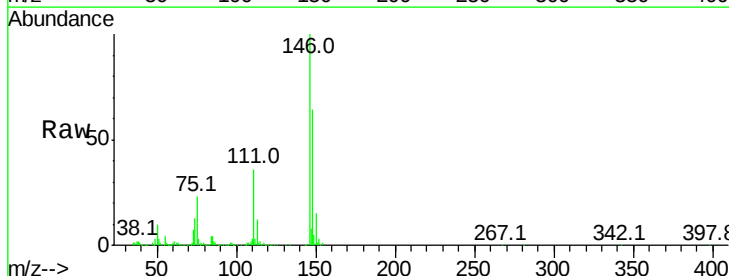
Instrument :  
 BNA\_G  
 ClientSampleId :  
 B45-S1(0-2)MSD

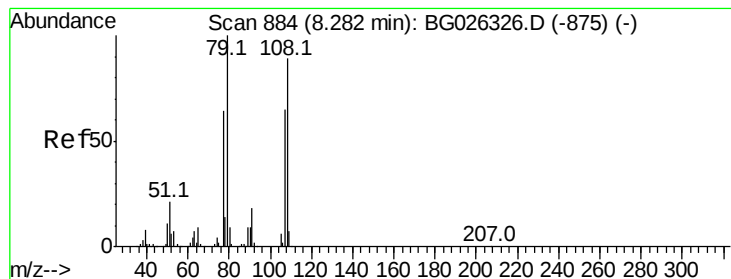
Tot Ion:146 Resp: 563558  
 Ion Ratio Lower Upper  
 146 100  
 148 62.6 52.2 78.2  
 111 36.7 37.0 55.6#



#14  
 1,2-Dichlorobenzene  
 Concen: 50.24 ng  
 RT: 8.40 min Scan# 903  
 Delta R.T. -0.01 min  
 Lab File: BG026592.D  
 Acq: 7 Apr 2017 8:32

Tgt Ion:146 Resp: 541467  
 Ion Ratio Lower Upper  
 146 100  
 148 64.0 54.6 81.8  
 111 36.2 39.7 59.5#





#15

Benzyl Alcohol

Concen: 43.44 ng

RT: 8.28 min Scan# 883

Delta R.T. -0.00 min

Lab File: BG026592.D

Acq: 7 Apr 2017 8:32

Instrument :

BNA\_G

ClientSampleId :

B45-S1(0-2)MSD

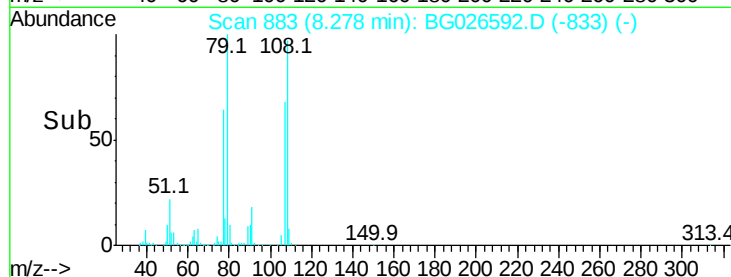
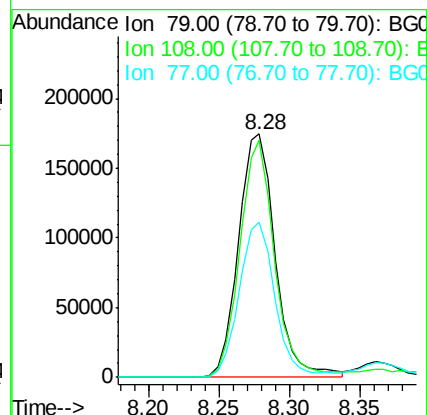
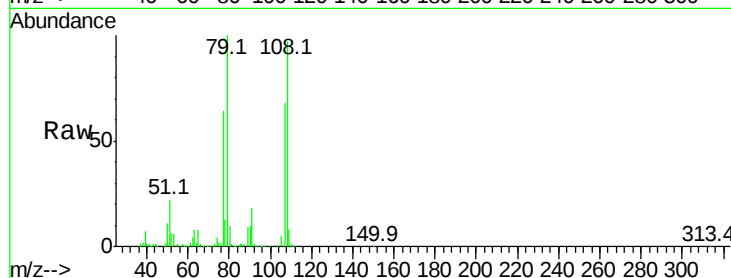
Tot Ion: 79 Resp: 317537

Ion Ratio Lower Upper

79 100

108 97.4 45.5 68.3#

77 64.0 54.3 81.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.73 ng

RT: 8.57 min Scan# 933

Delta R.T. 0.00 min

Lab File: BG026592.D

Acq: 7 Apr 2017 8:32

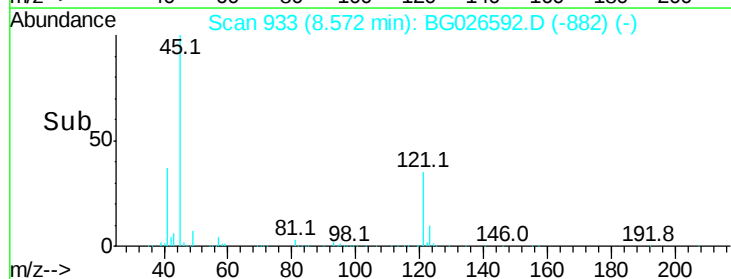
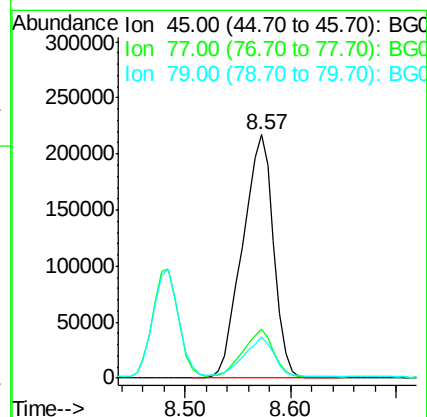
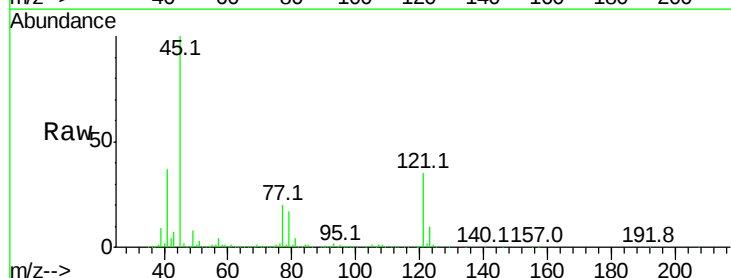
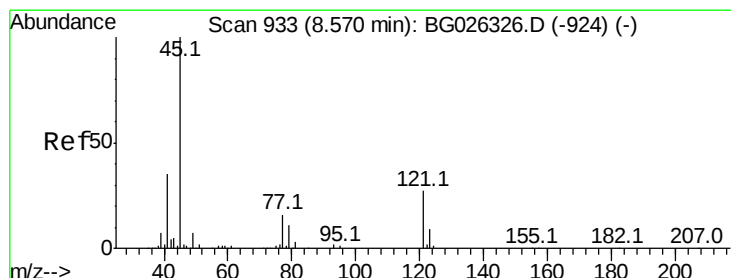
Tgt Ion: 45 Resp: 441361

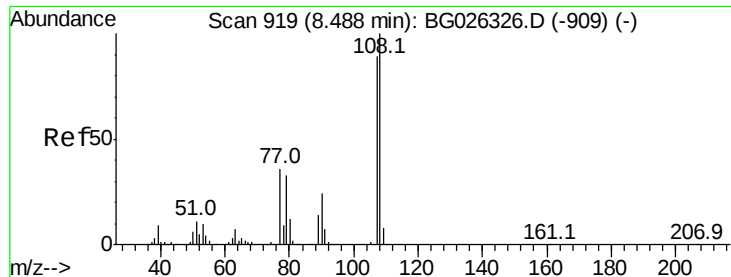
Ion Ratio Lower Upper

45 100

77 20.2 0.0 30.6

79 16.9 0.0 28.5





#17

2-Methylphenol

Concen: 52.62 ng

RT: 8.48 min Scan# 918

Delta R.T. -0.00 min

Lab File: BG026592.D

Acq: 7 Apr 2017 8:32

Instrument :

BNA\_G

ClientSampleId :

B45-S1(0-2)MSD

Tot Ion:107 Resp: 444666

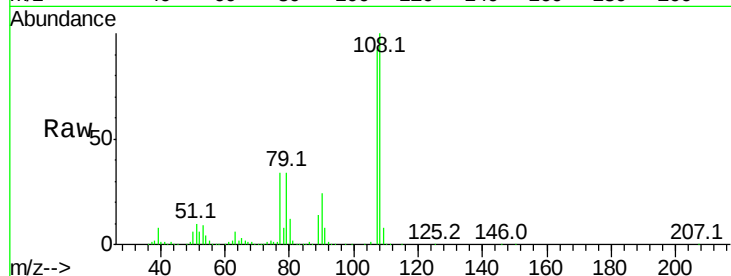
Ion Ratio Lower Upper

107 100

108 108.4 85.6 128.4

77 37.0 51.4 77.2#

79 37.2 49.2 73.8#

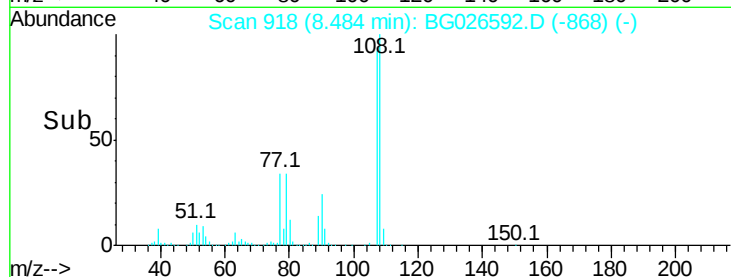


Abundance Ion 107.00 (106.70 to 107.70): E

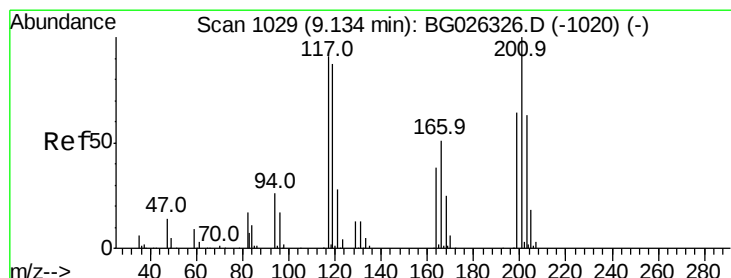
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



Time-->



#18

Hexachloroethane

Concen: 48.20 ng

RT: 9.12 min Scan# 1027

Delta R.T. -0.01 min

Lab File: BG026592.D

Acq: 7 Apr 2017 8:32

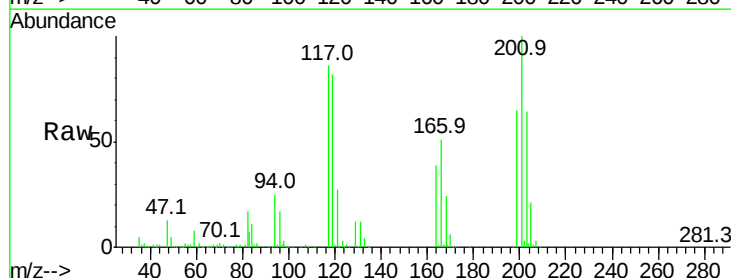
Tgt Ion:117 Resp: 177508

Ion Ratio Lower Upper

117 100

119 96.0 69.8 104.6

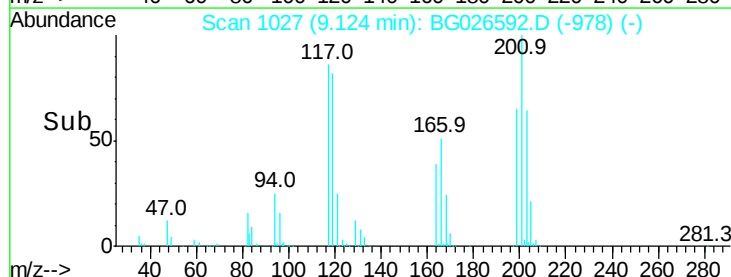
201 116.9 95.4 143.0



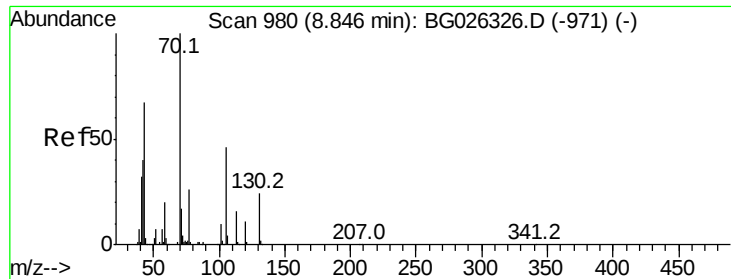
Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



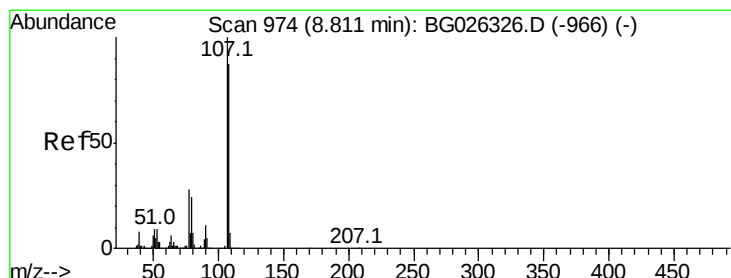
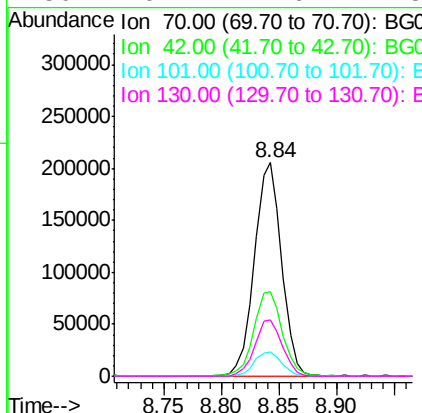
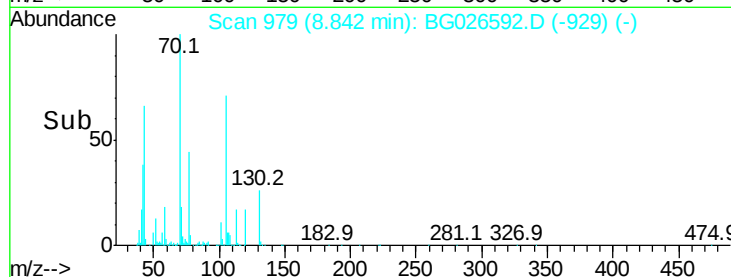
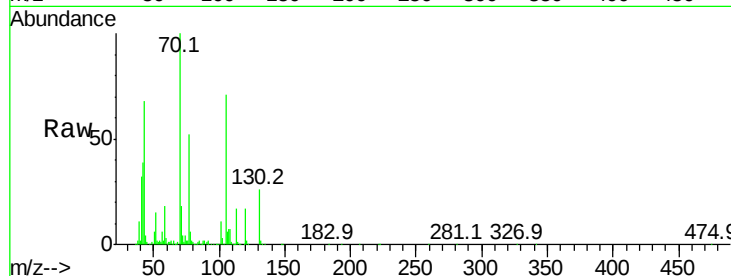
Time-->



#19  
n-Nitroso-di-n-propylamine  
Concen: 46.95 ng  
RT: 8.84 min Scan# 979  
Delta R.T. -0.00 min  
Lab File: BG026592.D  
Acq: 7 Apr 2017 8:32

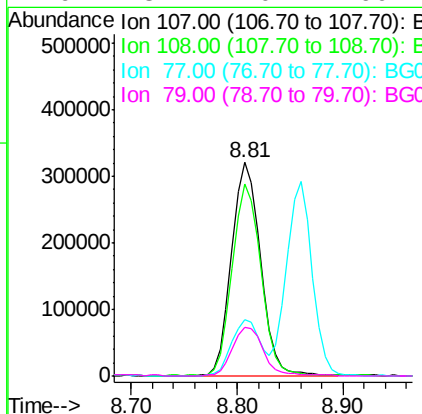
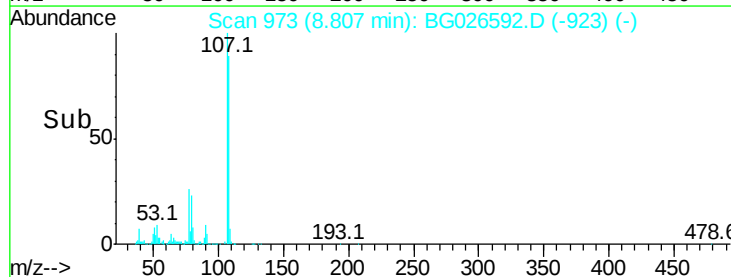
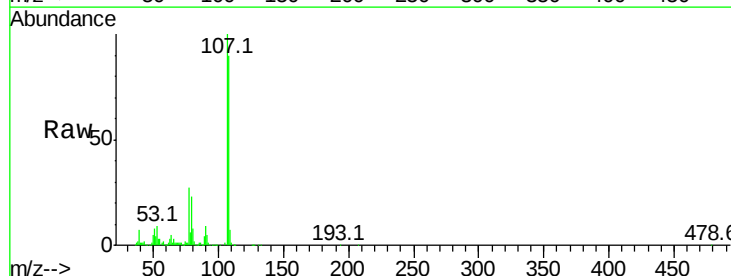
Instrument :  
BNA\_G  
ClientSampleId :  
B45-S1(0-2)MSD

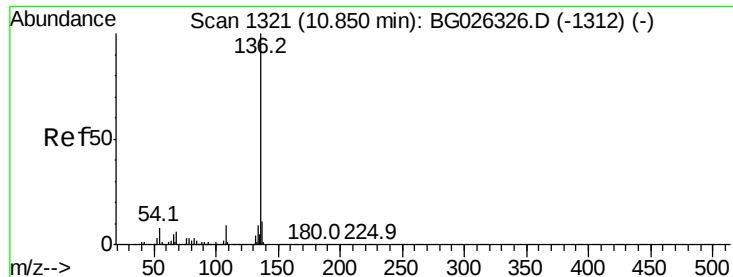
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 70    | Resp: | 336505 |
| Ion      | Ratio | Lower | Upper  |
| 70       | 100   |       |        |
| 42       | 39.4  | 56.1  | 84.1#  |
| 101      | 11.2  | 7.5   | 11.3   |
| 130      | 26.4  | 14.6  | 21.8#  |



#20  
3+4-Methylphenols  
Concen: 52.37 ng  
RT: 8.81 min Scan# 973  
Delta R.T. -0.00 min  
Lab File: BG026592.D  
Acq: 7 Apr 2017 8:32

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 609295 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 89.8  | 70.8  | 110.8  |
| 77       | 26.7  | 25.8  | 65.8   |
| 79       | 23.1  | 20.1  | 60.1   |





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.84 min Scan# 1319

Delta R.T. -0.01 min

Lab File: BG026592.D

Acq: 7 Apr 2017 8:32

Instrument :

BNA\_G

ClientSampleId :

B45-S1(0-2)MSD

Tot Ion:136 Resp: 620679

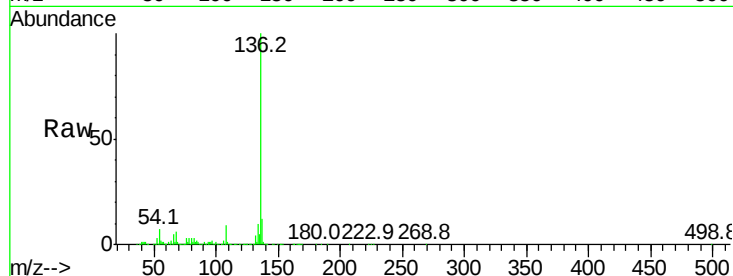
Ion Ratio Lower Upper

136 100

137 11.8 8.9 13.3

54 6.9 9.3 13.9#

68 5.7 5.1 7.7



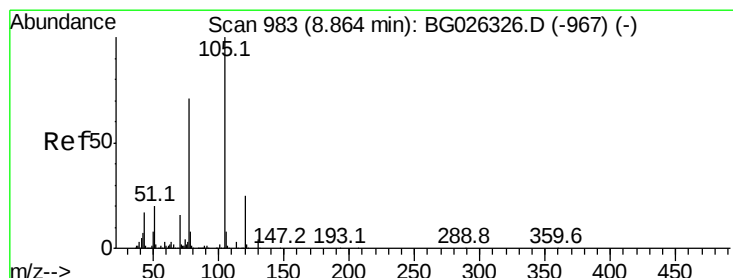
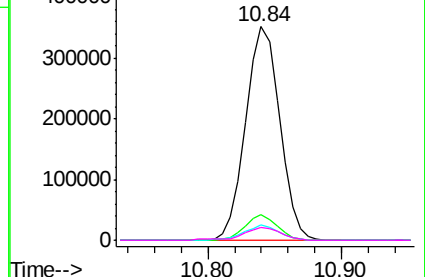
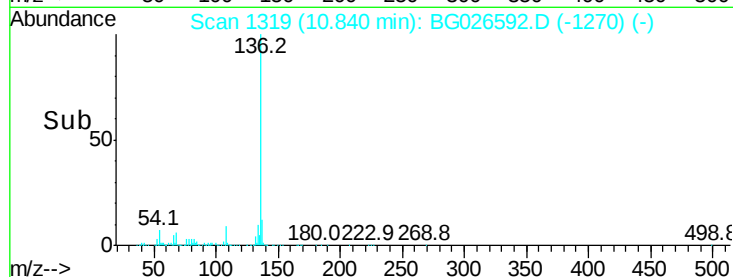
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 50.31 ng

RT: 8.86 min Scan# 982

Delta R.T. -0.00 min

Lab File: BG026592.D

Acq: 7 Apr 2017 8:32

Tgt Ion:105 Resp: 718056

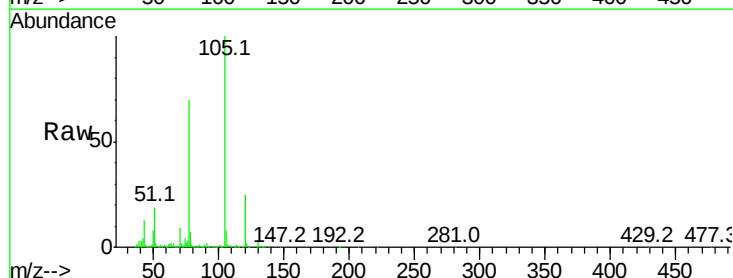
Ion Ratio Lower Upper

105 100

71 1.6 0.9 1.3#

51 18.7 34.0 51.0#

120 25.1 17.3 25.9



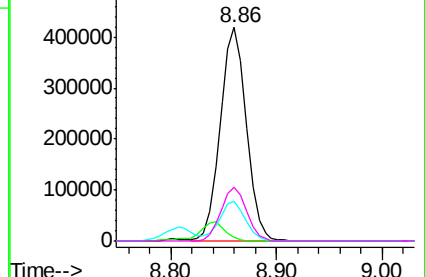
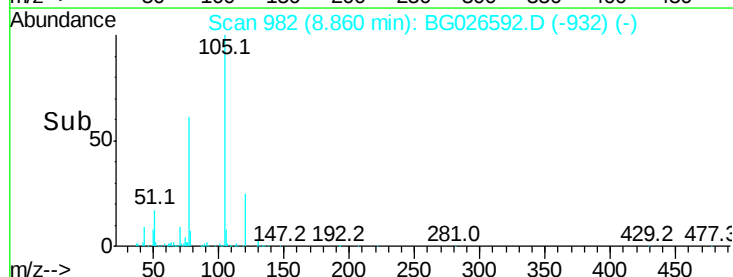
Abundance

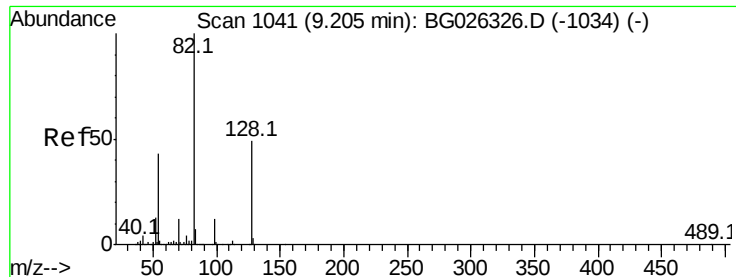
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

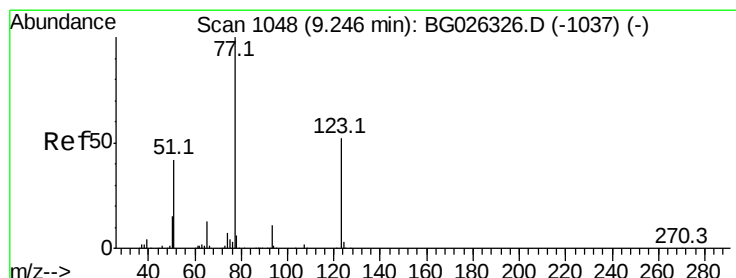
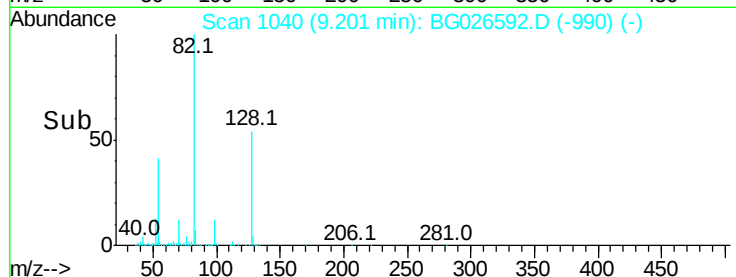
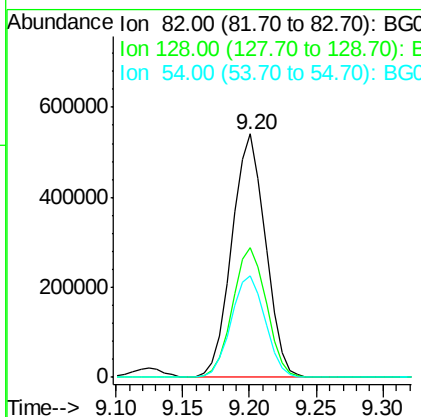
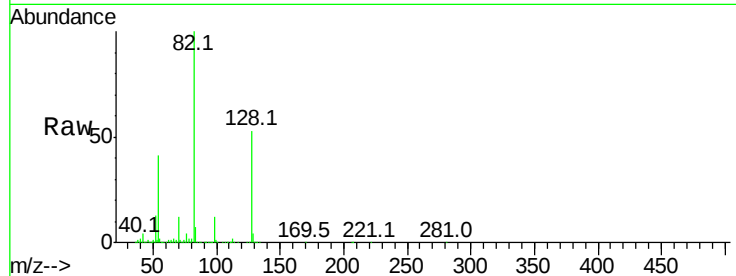




#23  
 Nitrobenzene-d5  
 Concen: 91.41 ng  
 RT: 9.20 min Scan# 1040  
 Delta R.T. -0.00 min  
 Lab File: BG026592.D  
 Acq: 7 Apr 2017 8:32

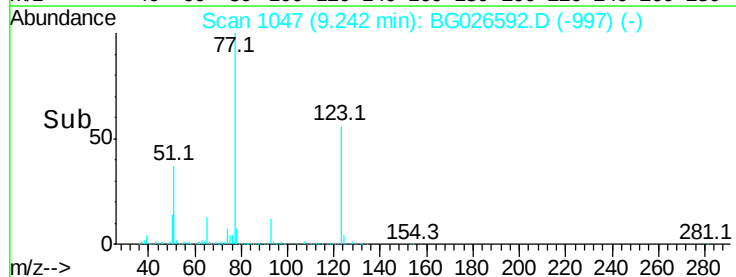
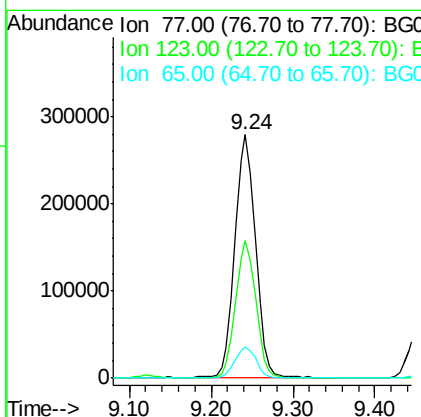
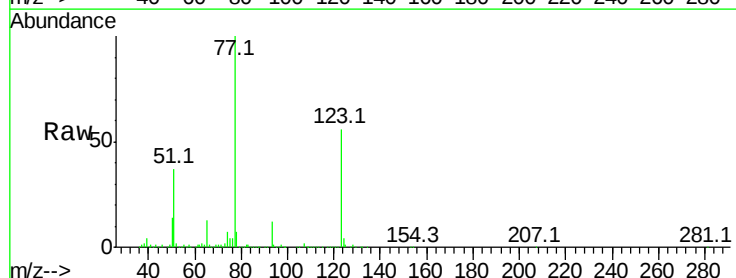
Instrument :  
 BNA\_G  
 ClientSampleId :  
 B45-S1(0-2)MSD

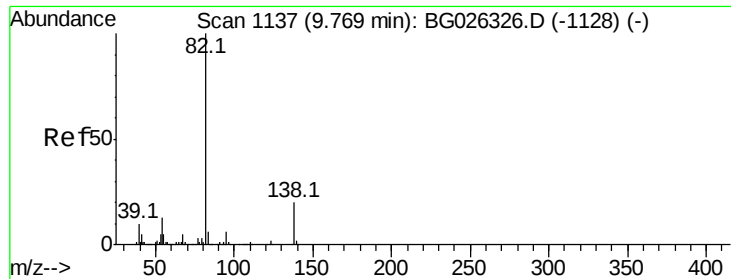
Tot Ion: 82 Resp: 943630  
 Ion Ratio Lower Upper  
 82 100  
 128 53.5 26.4 39.6#  
 54 41.5 49.4 74.2#



#24  
 Nitrobenzene  
 Concen: 48.39 ng  
 RT: 9.24 min Scan# 1047  
 Delta R.T. -0.00 min  
 Lab File: BG026592.D  
 Acq: 7 Apr 2017 8:32

Tgt Ion: 77 Resp: 493232  
 Ion Ratio Lower Upper  
 77 100  
 123 56.3 26.1 39.1#  
 65 12.5 12.4 18.6





#25

Isophorone

Concen: 49.72 ng

RT: 9.76 min Scan# 1135

Delta R.T. -0.01 min

Lab File: BG026592.D

Acq: 7 Apr 2017 8:32

Instrument :

BNA\_G

ClientSampleId :

B45-S1(0-2)MSD

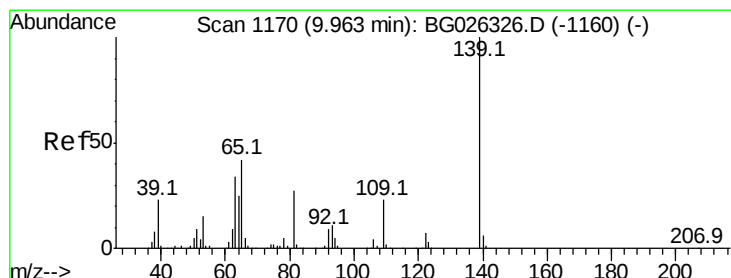
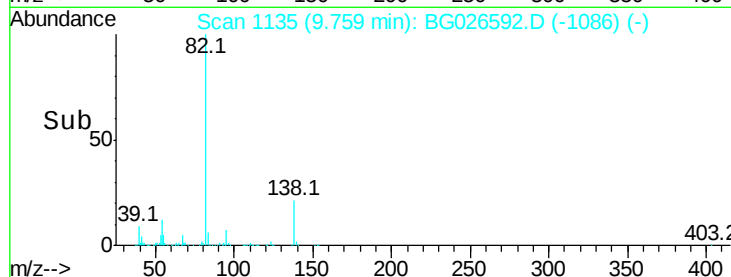
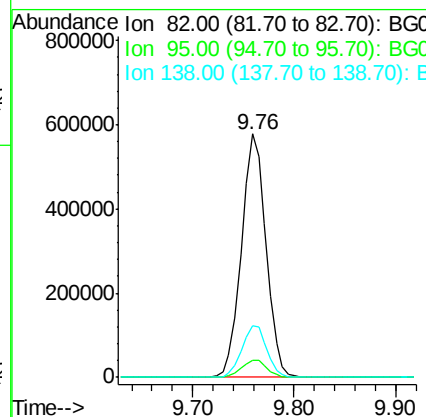
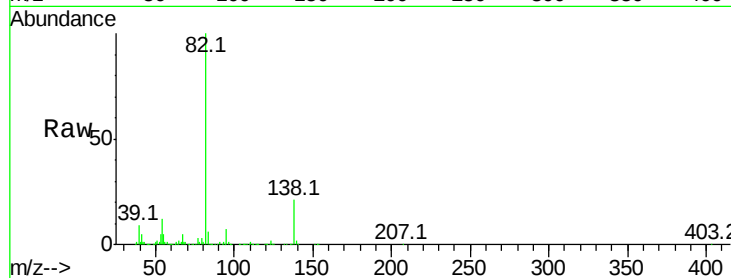
Tot Ion: 82 Resp: 967373

Ion Ratio Lower Upper

82 100

95 6.9 7.5 11.3#

138 21.4 12.3 18.5#



#26

2-Nitrophenol

Concen: 58.66 ng

RT: 9.95 min Scan# 1168

Delta R.T. -0.01 min

Lab File: BG026592.D

Acq: 7 Apr 2017 8:32

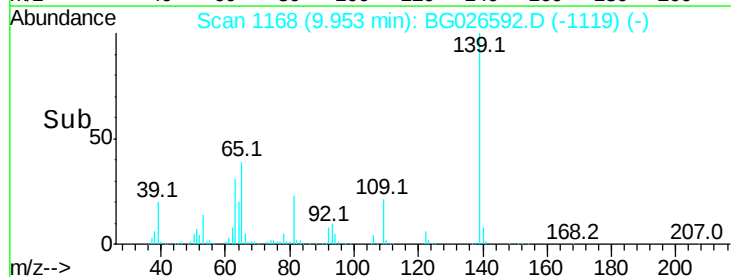
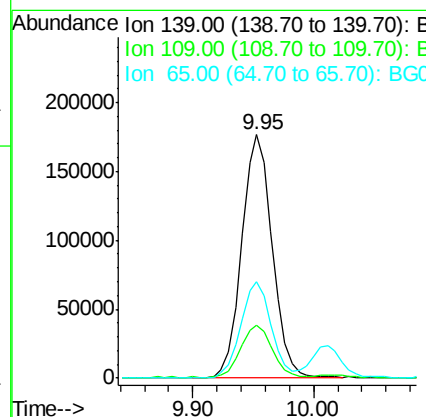
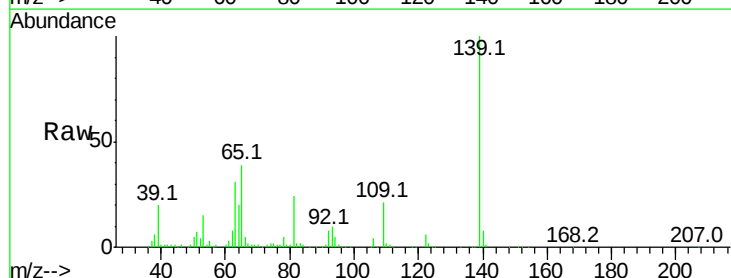
Tgt Ion: 139 Resp: 311108

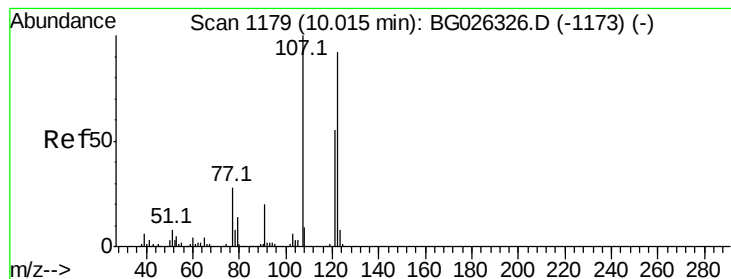
Ion Ratio Lower Upper

139 100

109 21.5 38.6 58.0#

65 39.4 57.1 85.7#

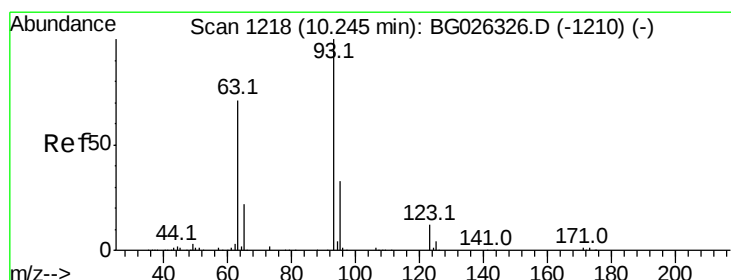
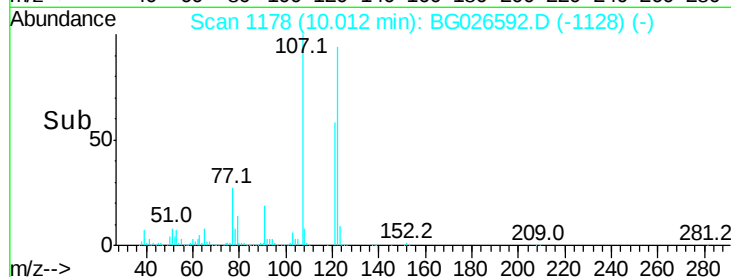
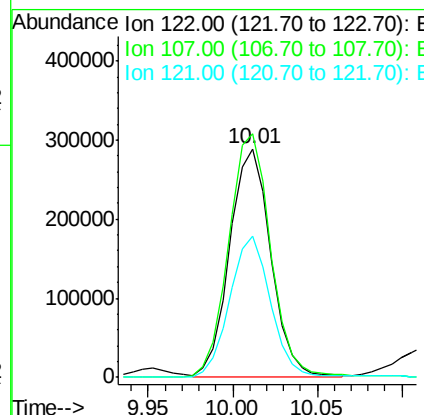
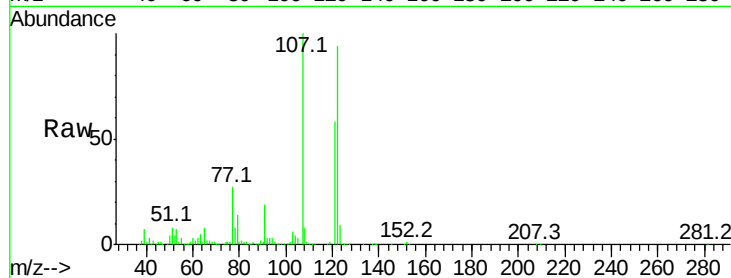




#27  
 2,4-Dimethylphenol  
 Concen: 56.04 ng  
 RT: 10.01 min Scan# 1178  
 Delta R.T. -0.00 min  
 Lab File: BG026592.D  
 Acq: 7 Apr 2017 8:32

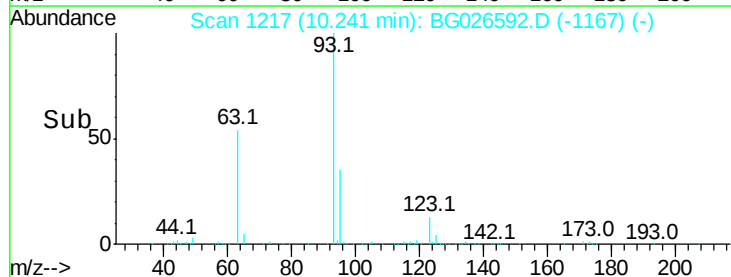
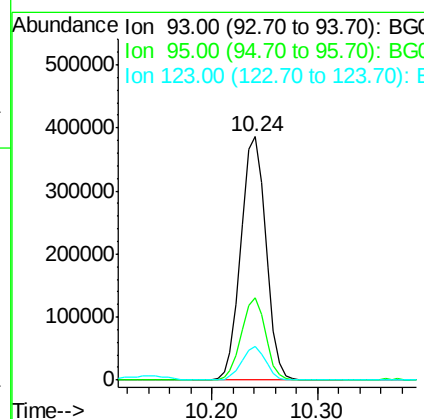
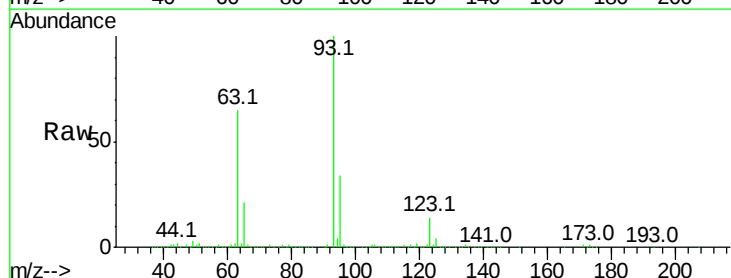
Instrument :  
 BNA\_G  
 ClientSampleId :  
 B45-S1(0-2)MSD

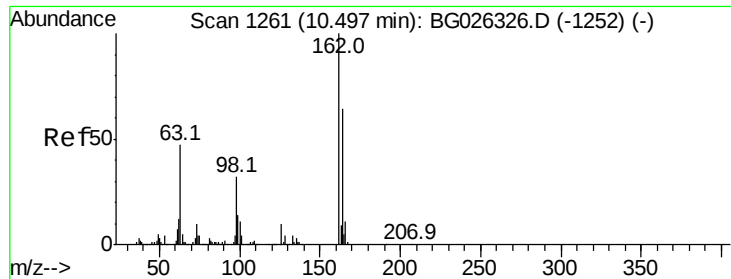
Tot Ion:122 Resp: 487802  
 Ion Ratio Lower Upper  
 122 100  
 107 106.6 104.2 156.4  
 121 61.8 46.0 69.0



#28  
 bis(2-Chloroethoxy)methane  
 Concen: 49.95 ng  
 RT: 10.24 min Scan# 1217  
 Delta R.T. -0.00 min  
 Lab File: BG026592.D  
 Acq: 7 Apr 2017 8:32

Tgt Ion: 93 Resp: 631289  
 Ion Ratio Lower Upper  
 93 100  
 95 33.9 25.7 38.5  
 123 13.7 8.3 12.5#

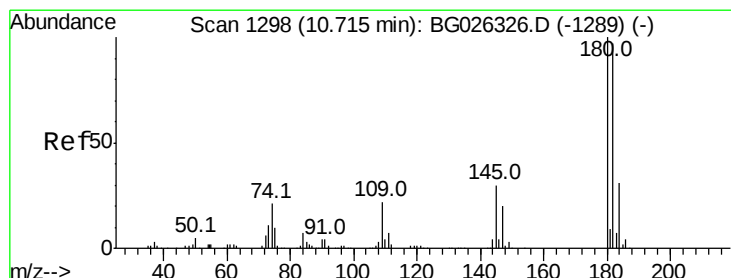
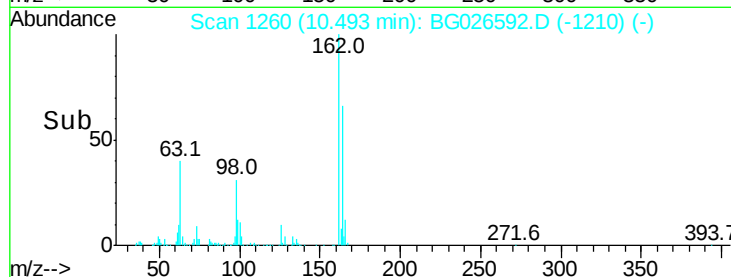
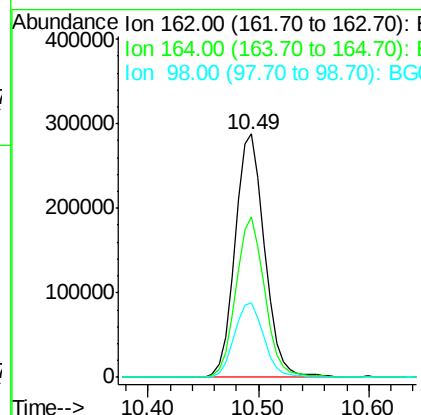
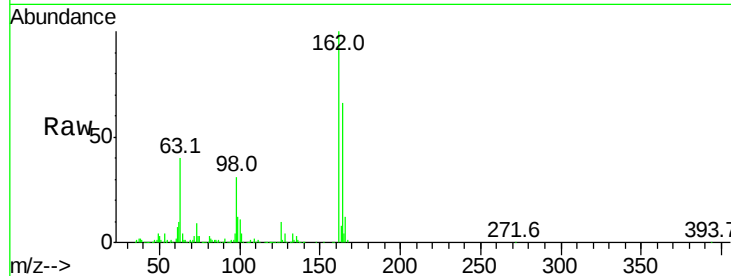




#29  
2,4-Dichlorophenol  
Concen: 61.41 ng  
RT: 10.49 min Scan# 1260  
Delta R.T. -0.00 min  
Lab File: BG026592.D  
Acq: 7 Apr 2017 8:32

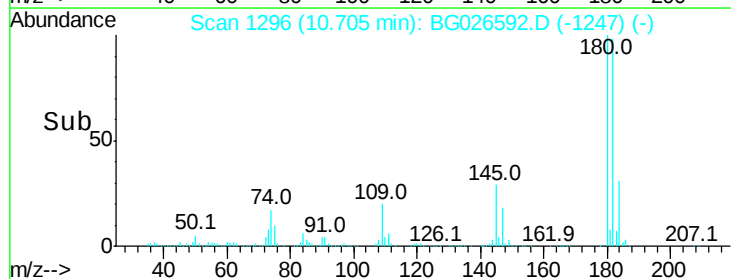
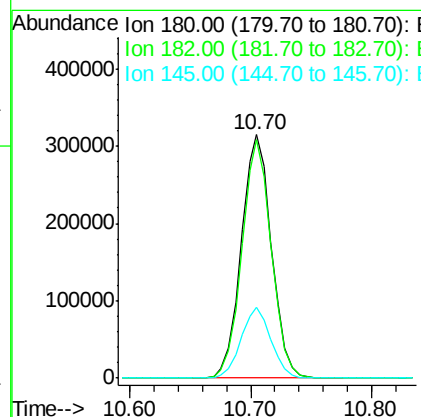
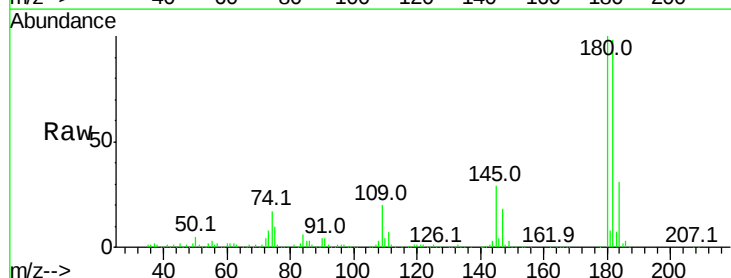
Instrument :  
BNA\_G  
ClientSampleId :  
B45-S1(0-2)MSD

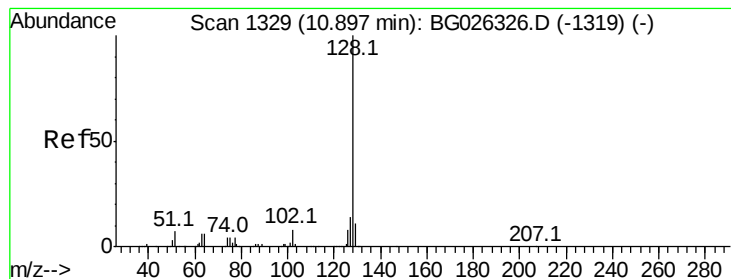
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 65.9  | 42.4  | 82.4  |
| 98      | 30.6  | 20.3  | 60.3  |



#30  
1,2,4-Trichlorobenzene  
Concen: 55.07 ng  
RT: 10.70 min Scan# 1296  
Delta R.T. -0.01 min  
Lab File: BG026592.D  
Acq: 7 Apr 2017 8:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 97.9  | 77.0  | 115.4 |
| 145     | 29.0  | 23.4  | 35.0  |





#31

Naphthalene

Concen: 49.96 ng

RT: 10.89 min Scan# 1328

Delta R.T. -0.00 min

Lab File: BG026592.D

Acq: 7 Apr 2017 8:32

Instrument :

BNA\_G

ClientSampleId :

B45-S1(0-2)MSD

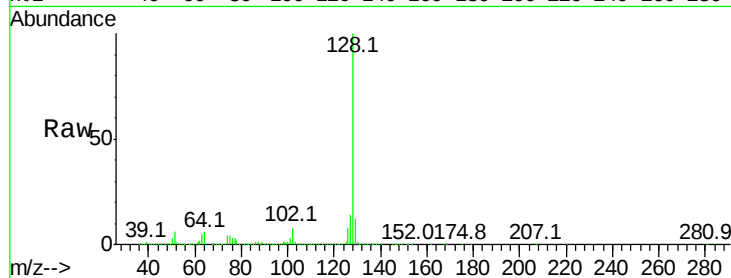
Tot Ion:128 Resp: 1567987

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100   |       |       |
| 129 | 11.6  | 9.3   | 13.9  |
| 127 | 14.4  | 11.4  | 17.0  |

128 100

129 11.6 9.3 13.9

127 14.4 11.4 17.0

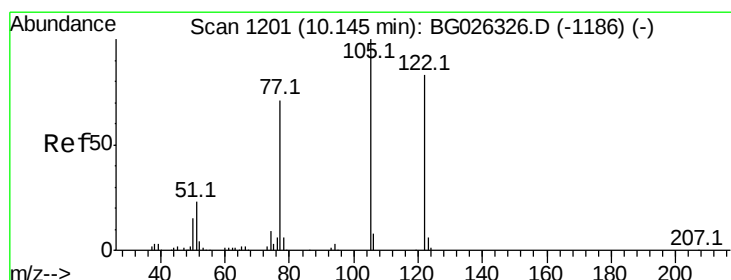
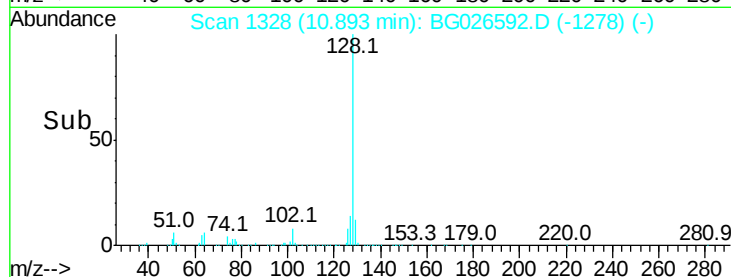
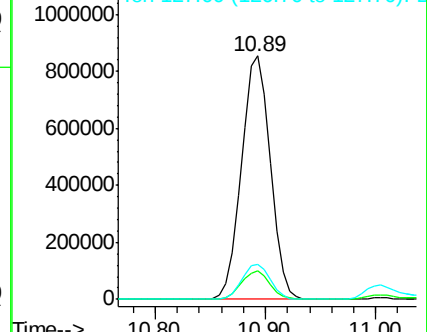


Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 34.88 ng

RT: 10.14 min Scan# 1200

Delta R.T. -0.00 min

Lab File: BG026592.D

Acq: 7 Apr 2017 8:32

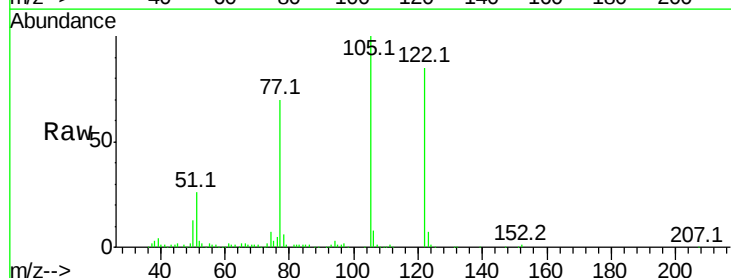
Tgt Ion:122 Resp: 233637

| Ion | Ratio | Lower | Upper  |
|-----|-------|-------|--------|
| 122 | 100   |       |        |
| 105 | 117.0 | 120.1 | 160.1# |
| 77  | 82.0  | 104.6 | 144.6# |

122 100

105 117.0 120.1 160.1#

77 82.0 104.6 144.6#

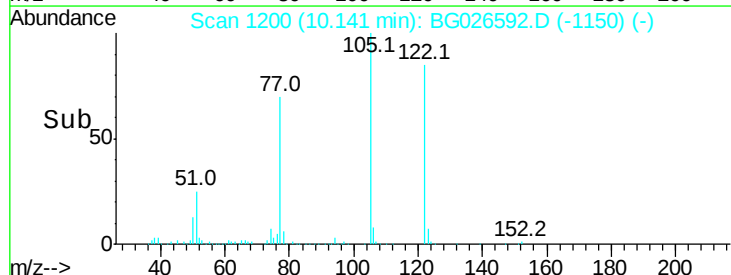
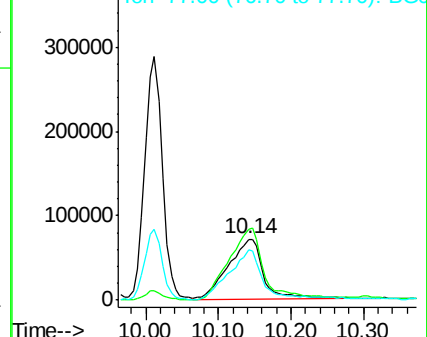


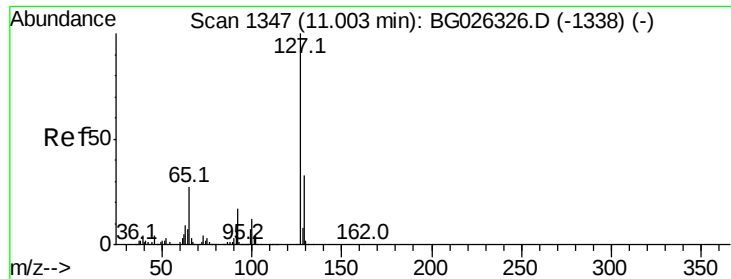
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG

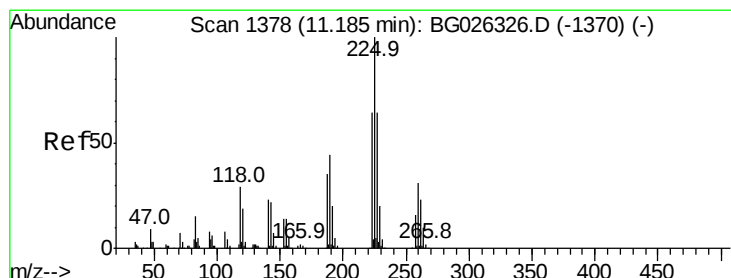
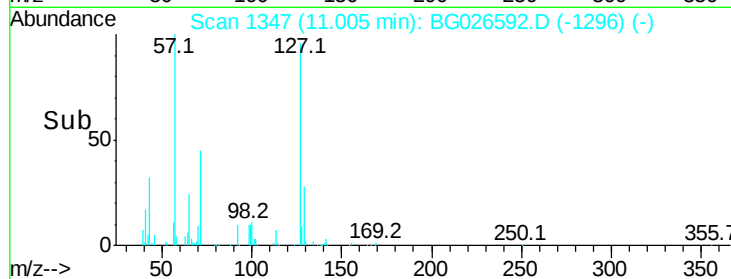
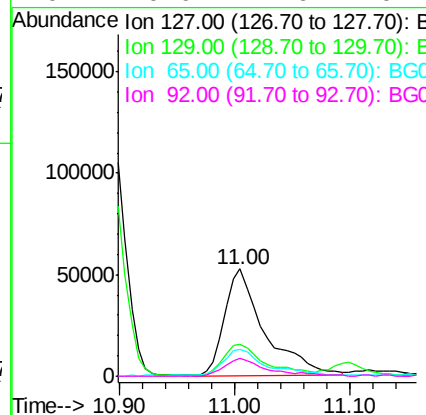
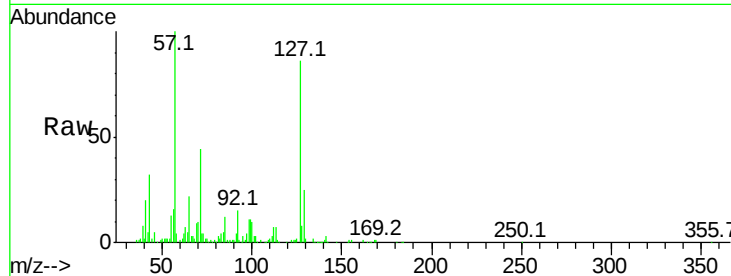




#33  
4-Chloroaniline  
Concen: 9.95 ng  
RT: 11.00 min Scan# 1347  
Delta R.T. 0.00 min  
Lab File: BG026592.D  
Acq: 7 Apr 2017 8:32

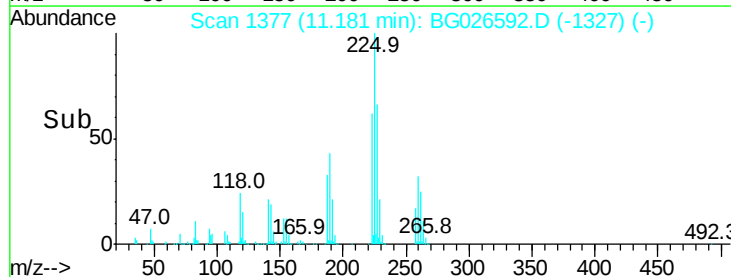
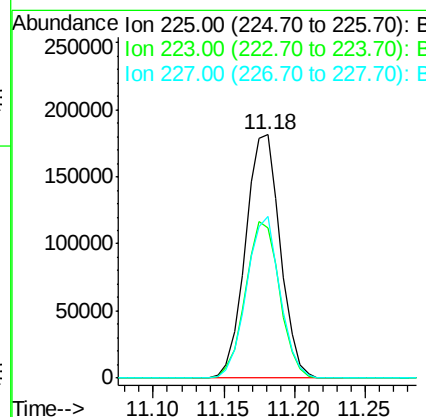
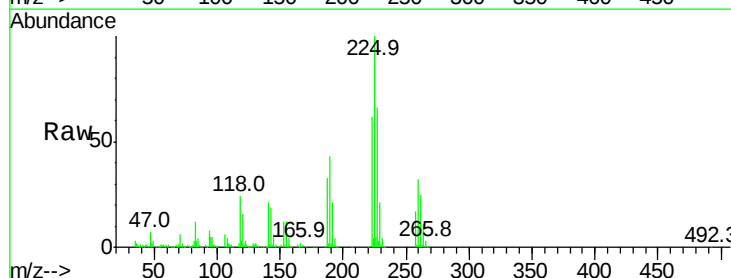
Instrument :  
BNA\_G  
ClientSampleId :  
B45-S1(0-2)MSD

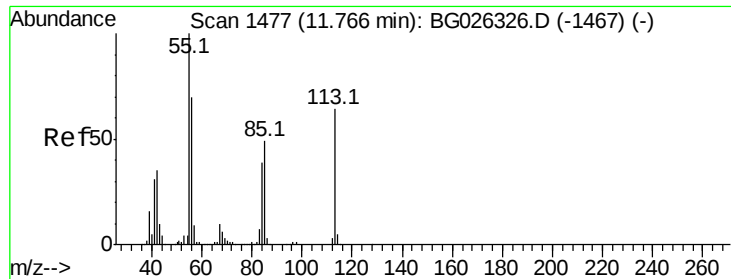
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 127     | 100   |       |       |
| 129     | 29.5  | 23.6  | 35.4  |
| 65      | 25.2  | 37.7  | 56.5# |
| 92      | 16.9  | 17.6  | 26.4# |



#34  
Hexachlorobutadiene  
Concen: 53.50 ng  
RT: 11.18 min Scan# 1377  
Delta R.T. -0.00 min  
Lab File: BG026592.D  
Acq: 7 Apr 2017 8:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 61.9  | 50.7  | 76.1  |
| 227     | 66.2  | 49.0  | 73.6  |

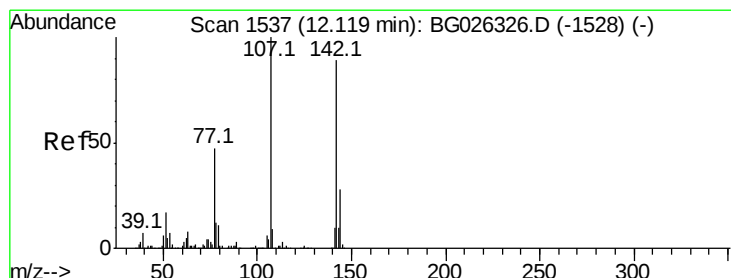
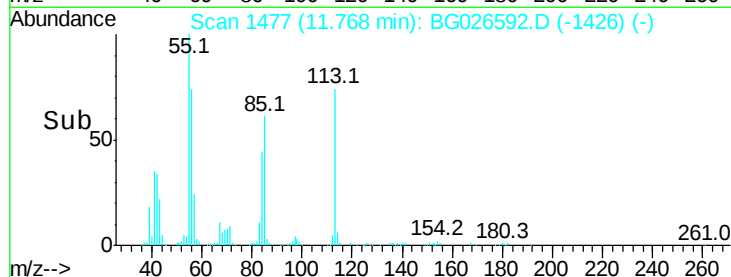
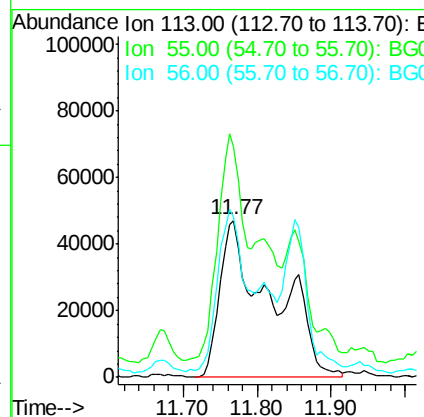
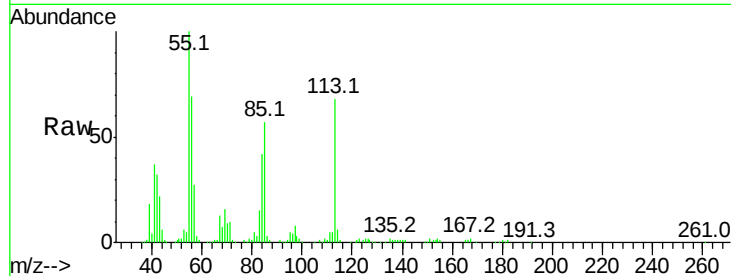




#35  
 Caprolactam  
 Concen: 66.07 ng/ml  
 RT: 11.77 min Scan# 1477  
 Delta R.T. 0.00 min  
 Lab File: BG026592.D  
 Acq: 7 Apr 2017 8:32

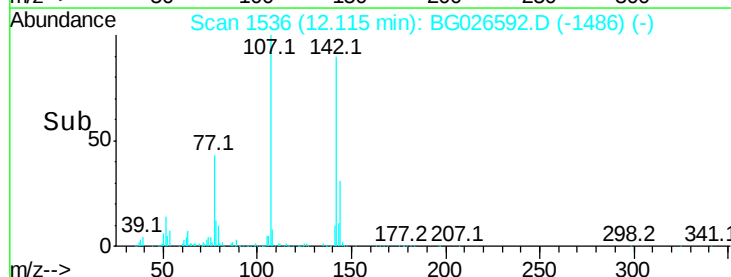
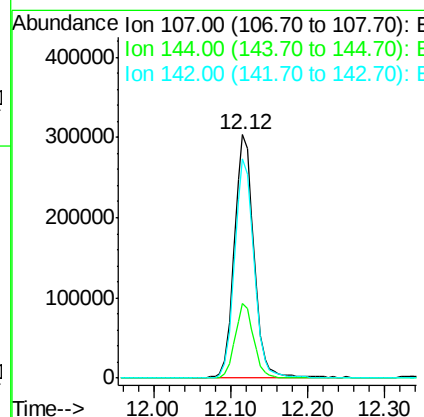
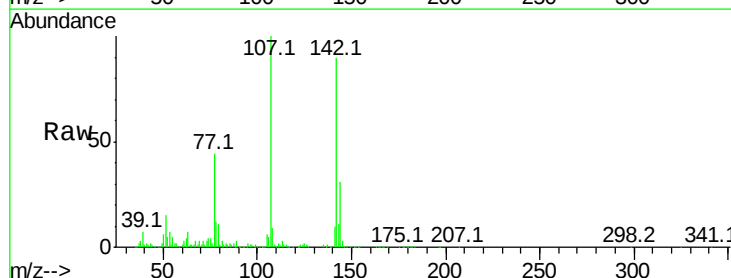
Instrument :  
 BNA\_G  
 ClientSampleId :  
 B45-S1(0-2)MSD

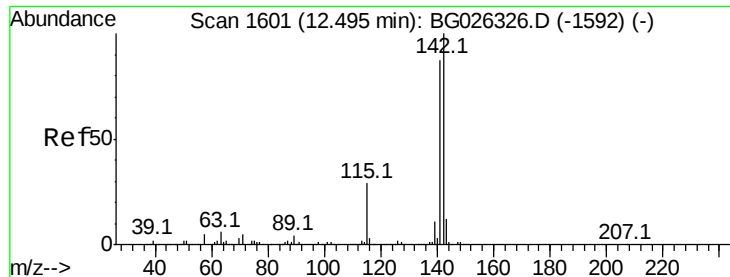
Tot Ion:113 Resp: 229188  
 Ion Ratio Lower Upper  
 113 100  
 55 147.5 198.6 238.6#  
 56 101.9 140.4 180.4#



#36  
 4-Chloro-3-methylphenol  
 Concen: 57.11 ng  
 RT: 12.12 min Scan# 1536  
 Delta R.T. -0.00 min  
 Lab File: BG026592.D  
 Acq: 7 Apr 2017 8:32

Tgt Ion:107 Resp: 537779  
 Ion Ratio Lower Upper  
 107 100  
 144 30.6 17.4 26.0#  
 142 89.9 54.1 81.1#

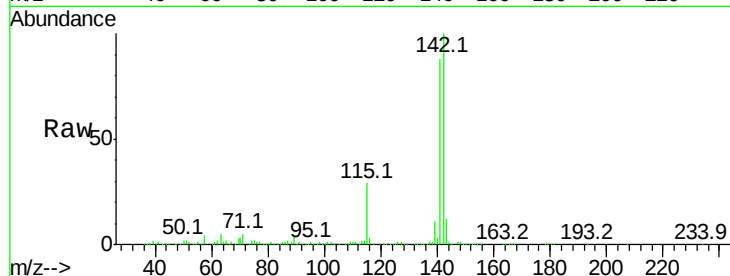




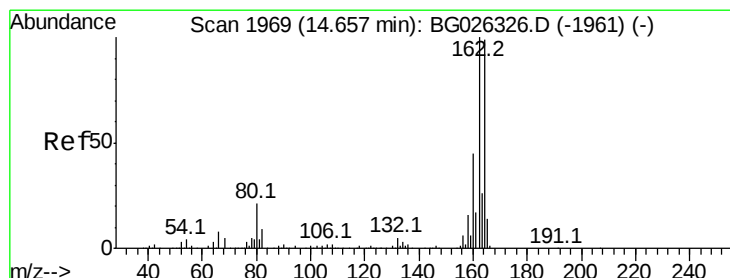
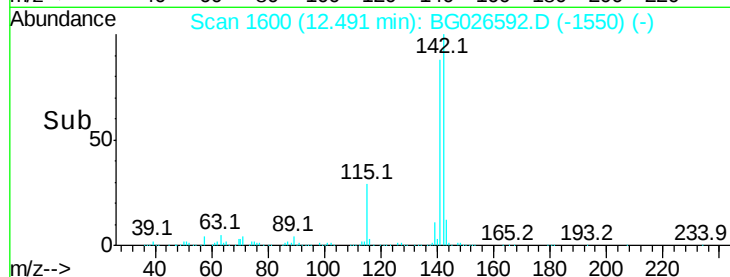
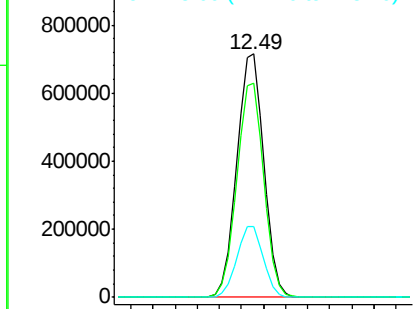
#37  
2-Methylnaphthalene  
Concen: 53.53 ng  
RT: 12.49 min Scan# 1600  
Delta R.T. -0.00 min  
Lab File: BG026592.D  
Acq: 7 Apr 2017 8:32

Instrument :  
BNA\_G  
ClientSampleId :  
B45-S1(0-2)MSD

Tot Ion:142 Resp: 1230601  
Ion Ratio Lower Upper  
142 100  
141 88.1 70.4 105.6  
115 28.8 35.5 53.3#

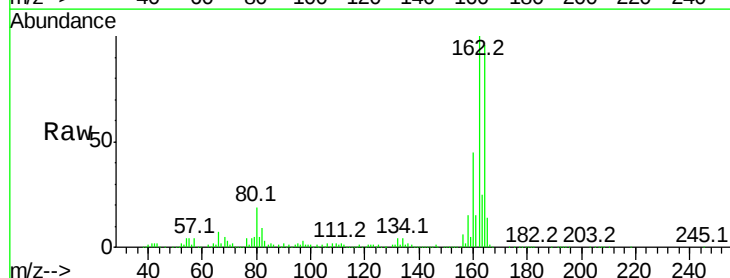


Abundance Ion 142.00 (141.70 to 142.70): E  
Ion 141.00 (140.70 to 141.70): E  
Ion 115.00 (114.70 to 115.70): E

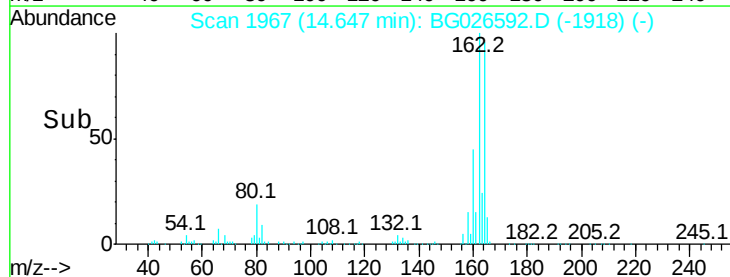
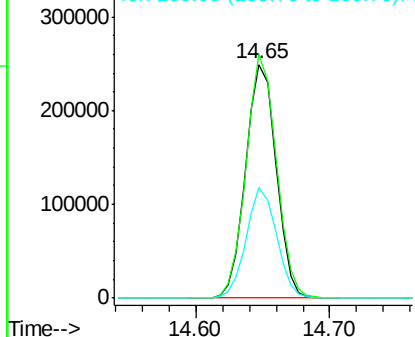


#38  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 14.65 min Scan# 1967  
Delta R.T. -0.01 min  
Lab File: BG026592.D  
Acq: 7 Apr 2017 8:32

Tgt Ion:164 Resp: 390687  
Ion Ratio Lower Upper  
164 100  
162 104.3 85.1 127.7  
160 47.1 34.7 52.1



Abundance Ion 164.00 (163.70 to 164.70): E  
Ion 162.00 (161.70 to 162.70): E  
Ion 160.00 (159.70 to 160.70): E

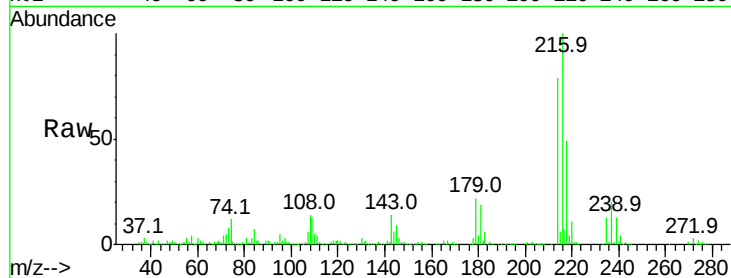




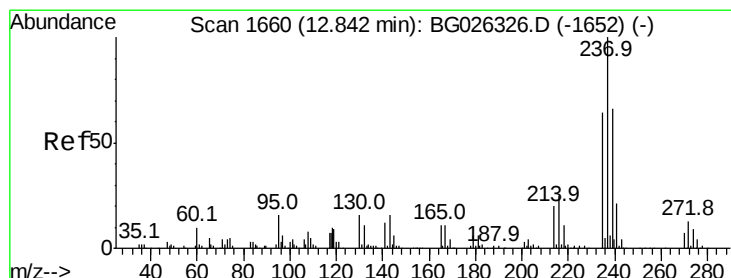
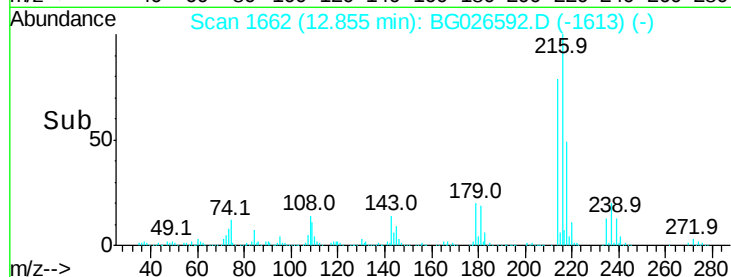
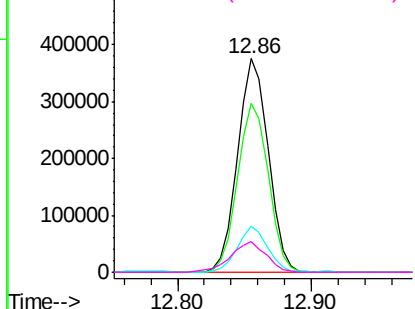
#39  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 50.73 ng  
 RT: 12.86 min Scan# 1662  
 Delta R.T. -0.01 min  
 Lab File: BG026592.D  
 Acq: 7 Apr 2017 8:32

Instrument :  
 BNA\_G  
 ClientSampleId :  
 B45-S1(0-2)MSD

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 216   | Resp: | 596326 |
| Ion      | Ratio | Lower | Upper  |
| 216      | 100   |       |        |
| 214      | 79.4  | 64.4  | 96.6   |
| 179      | 21.0  | 17.4  | 26.0   |
| 108      | 16.2  | 15.6  | 23.4   |

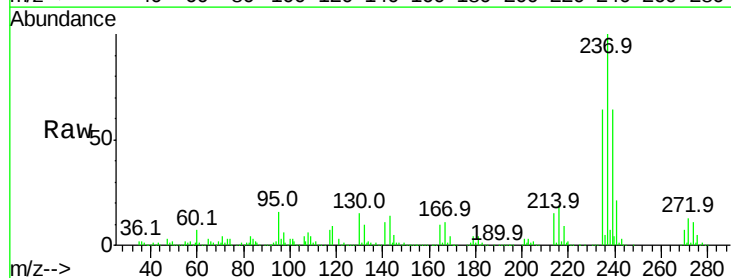


Abundance Ion 216.00 (215.70 to 216.70): E  
 Ion 214.00 (213.70 to 214.70): E  
 Ion 179.00 (178.70 to 179.70): E  
 Ion 108.00 (107.70 to 108.70): E

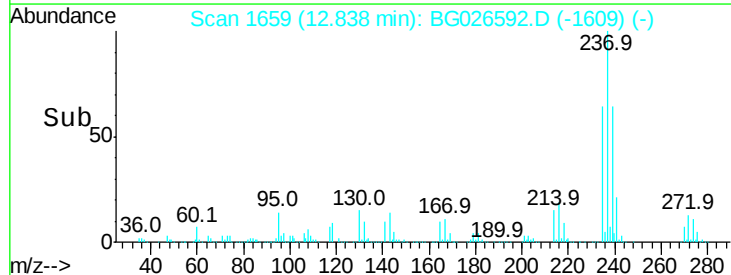
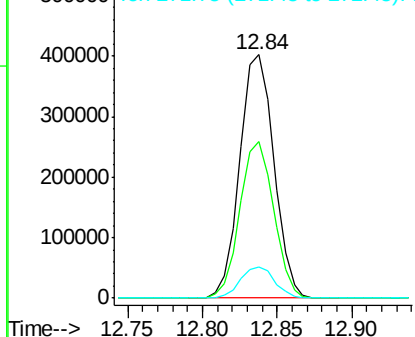


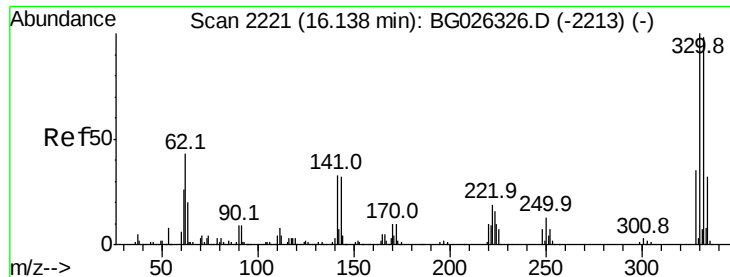
#40  
 Hexachlorocyclopentadiene  
 Concen: 103.19 ng  
 RT: 12.84 min Scan# 1659  
 Delta R.T. -0.00 min  
 Lab File: BG026592.D  
 Acq: 7 Apr 2017 8:32

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 237   | Resp: | 638510 |
| Ion      | Ratio | Lower | Upper  |
| 237      | 100   |       |        |
| 235      | 64.4  | 39.4  | 79.4   |
| 272      | 12.7  | 0.0   | 32.0   |



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

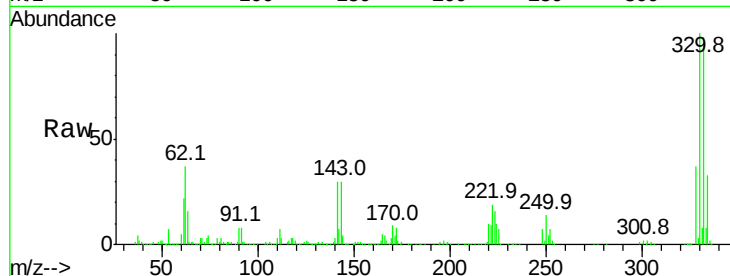




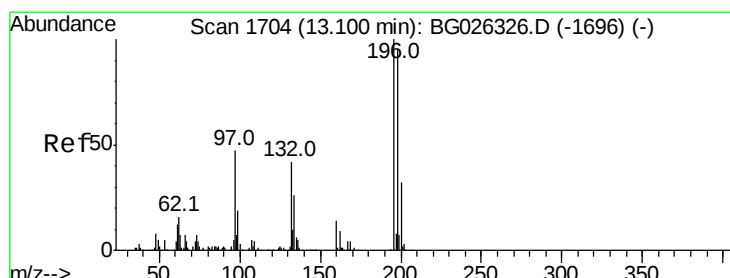
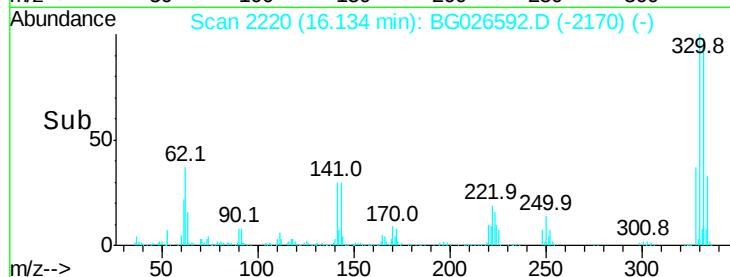
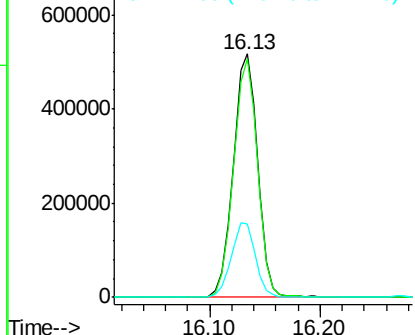
#41  
 2,4,6-Tribromophenol  
 Concen: 179.43 ng  
 RT: 16.13 min Scan# 2220  
 Delta R.T. -0.00 min  
 Lab File: BG026592.D  
 Acq: 7 Apr 2017 8:32

Instrument :  
 BNA\_G  
 ClientSampleId :  
 B45-S1(0-2)MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 96.7  | 77.3  | 115.9 |
| 141     | 30.4  | 32.1  | 48.1# |

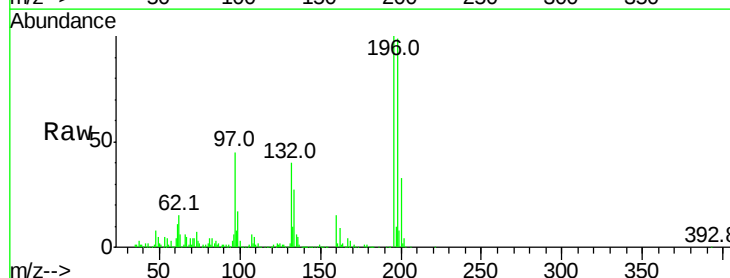


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

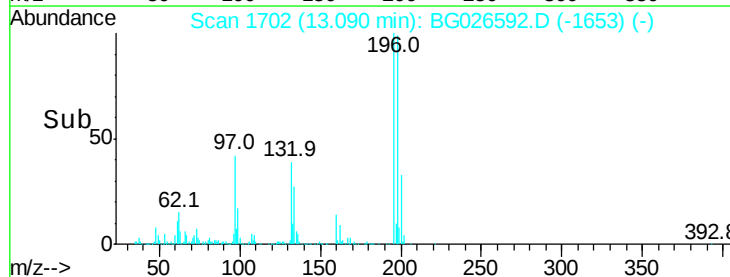
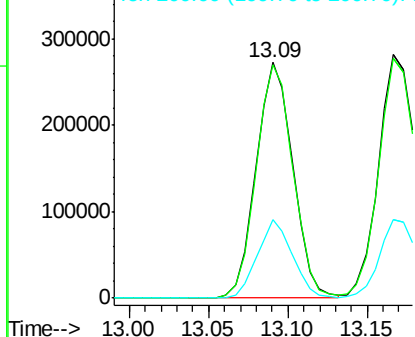


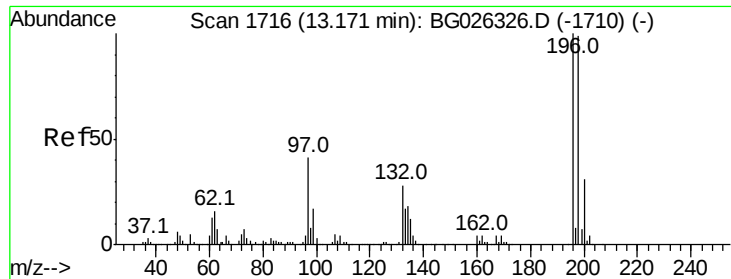
#42  
 2,4,6-Trichlorophenol  
 Concen: 57.12 ng  
 RT: 13.09 min Scan# 1702  
 Delta R.T. -0.01 min  
 Lab File: BG026592.D  
 Acq: 7 Apr 2017 8:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 98.8  | 81.4  | 122.2 |
| 200     | 33.1  | 27.0  | 40.6  |



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

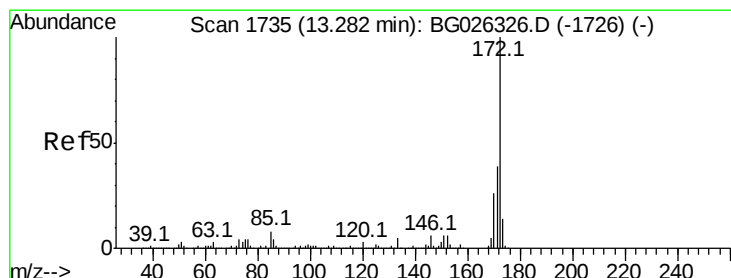
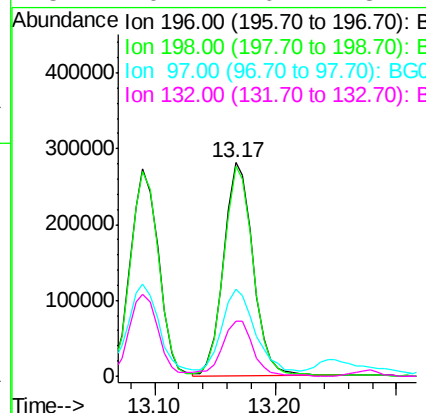
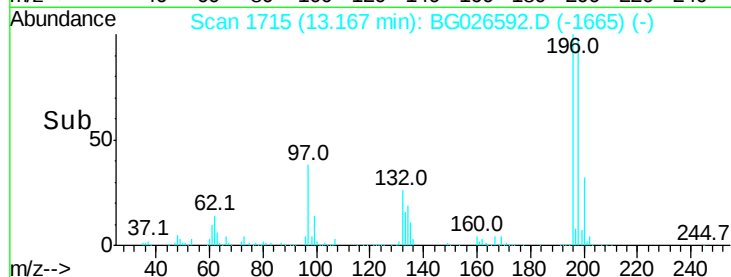
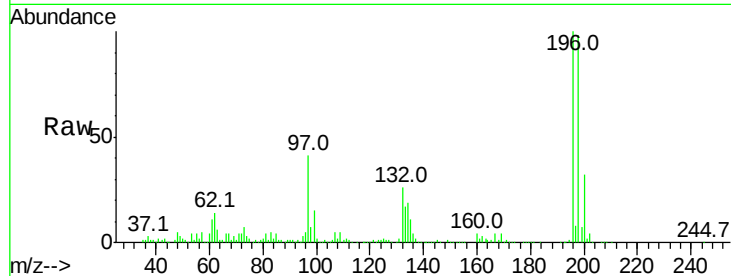




#43  
2,4,5-Trichlorophenol  
Concen: 55.38 ng  
RT: 13.17 min Scan# 1715  
Delta R.T. -0.00 min  
Lab File: BG026592.D  
Acq: 7 Apr 2017 8:32

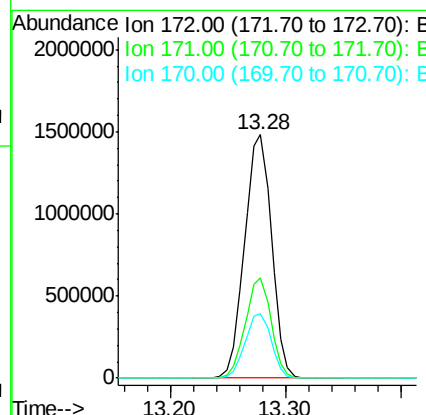
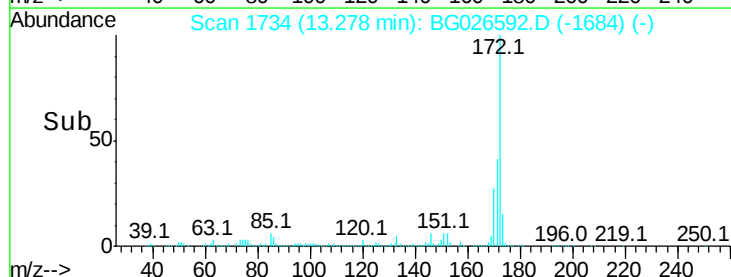
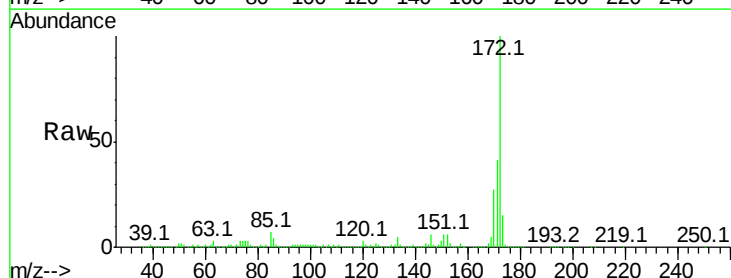
Instrument :  
BNA\_G  
ClientSampleId :  
B45-S1(0-2)MSD

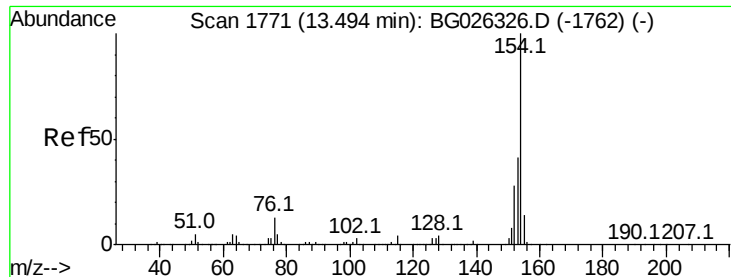
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 98.3  | 79.9  | 119.9 |
| 97      | 40.8  | 45.4  | 68.0  |
| 132     | 26.1  | 20.7  | 31.1  |



#44  
2-Fluorobiphenyl  
Concen: 86.16 ng  
RT: 13.28 min Scan# 1734  
Delta R.T. -0.00 min  
Lab File: BG026592.D  
Acq: 7 Apr 2017 8:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 41.0  | 32.2  | 48.2  |
| 170     | 26.6  | 21.8  | 32.6  |





#45

1,1'-Biphenyl

Concen: 47.55 ng

RT: 13.48 min Scan# 1769

Delta R.T. -0.01 min

Lab File: BG026592.D

Acq: 7 Apr 2017 8:32

Instrument :

BNA\_G

ClientSampleId :

B45-S1(0-2)MSD

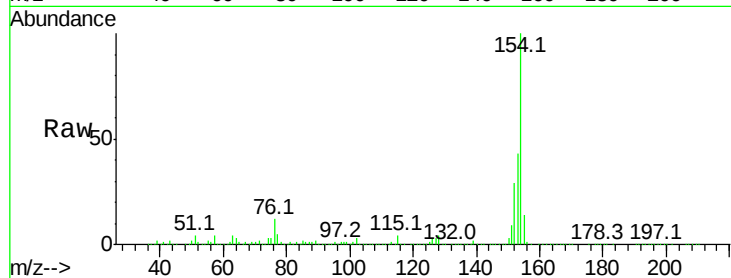
Tot Ion:154 Resp: 1538497

Ion Ratio Lower Upper

154 100

153 42.9 23.0 63.0

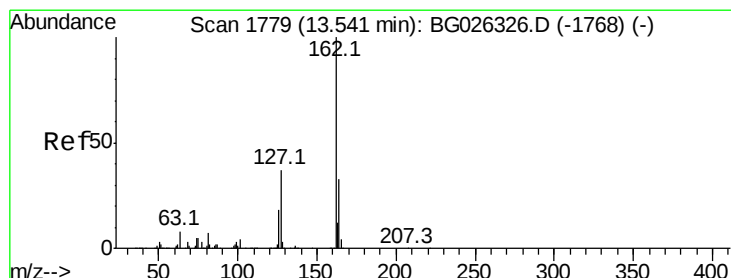
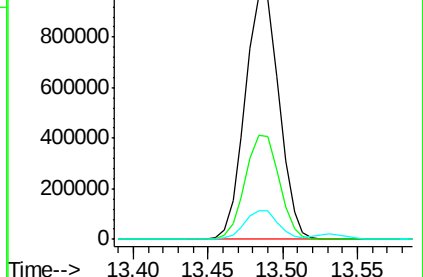
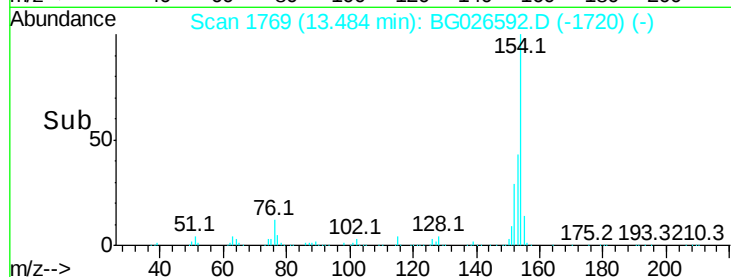
76 11.9 0.0 33.5



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): B



#46

2-Chloronaphthalene

Concen: 50.59 ng

RT: 13.53 min Scan# 1777

Delta R.T. -0.01 min

Lab File: BG026592.D

Acq: 7 Apr 2017 8:32

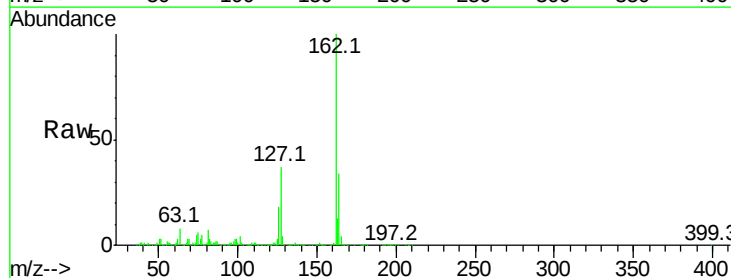
Tgt Ion:162 Resp: 1195476

Ion Ratio Lower Upper

162 100

127 36.5 32.2 48.4

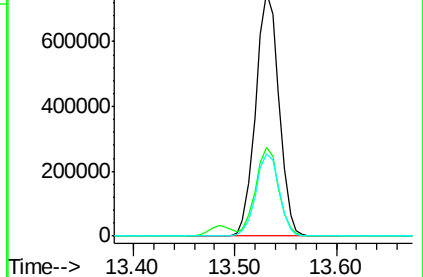
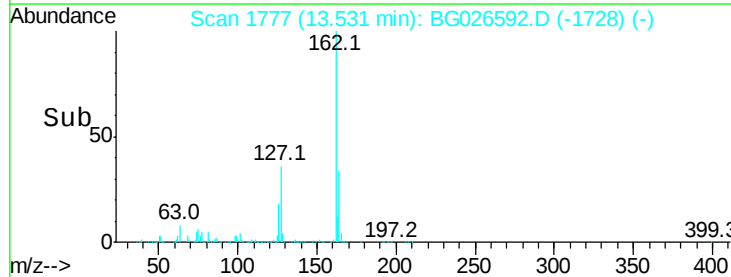
164 34.0 27.3 40.9

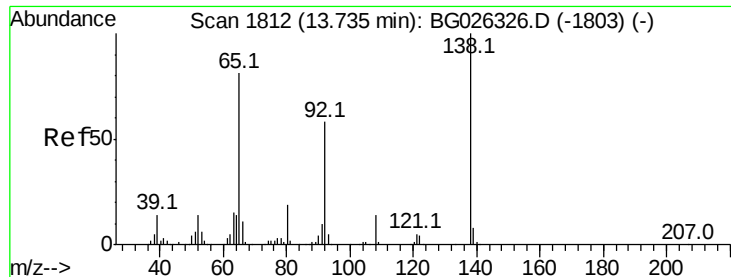


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 48.42 ng

RT: 13.73 min Scan# 1811

Delta R.T. -0.00 min

Lab File: BG026592.D

Acq: 7 Apr 2017 8:32

Instrument :

BNA\_G

ClientSampleId :

B45-S1(0-2)MSD

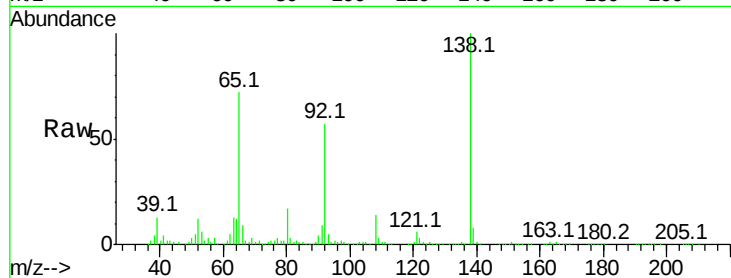
Tot Ion: 65 Resp: 325400

Ion Ratio Lower Upper

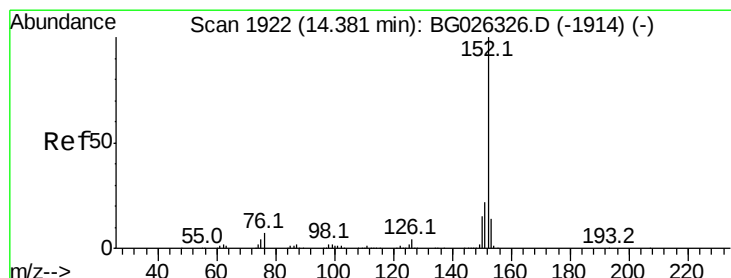
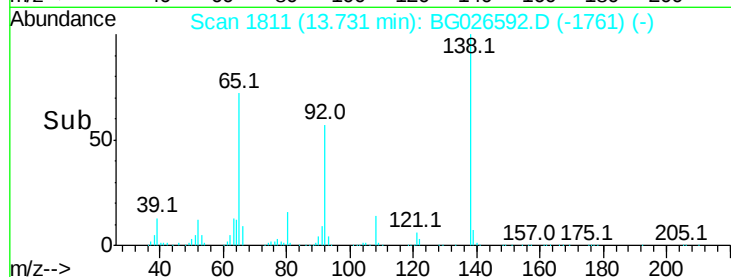
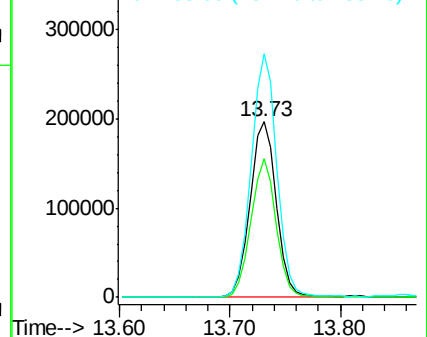
65 100

92 78.8 49.0 73.4#

138 138.7 58.6 87.8#



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



#48

Acenaphthylene

Concen: 47.39 ng

RT: 14.37 min Scan# 1920

Delta R.T. -0.01 min

Lab File: BG026592.D

Acq: 7 Apr 2017 8:32

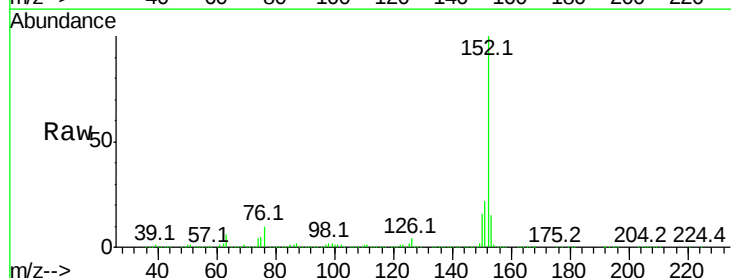
Tgt Ion:152 Resp: 1952219

Ion Ratio Lower Upper

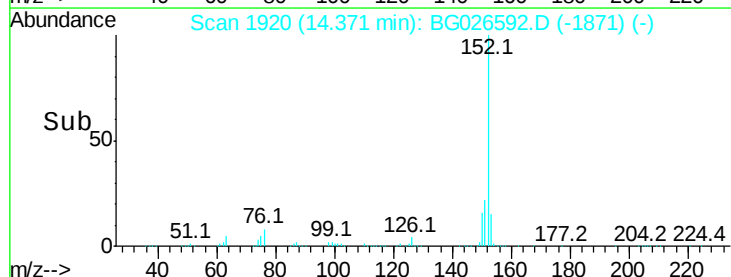
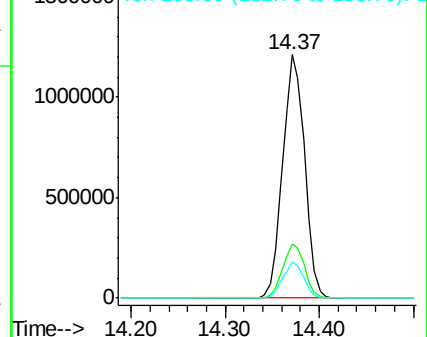
152 100

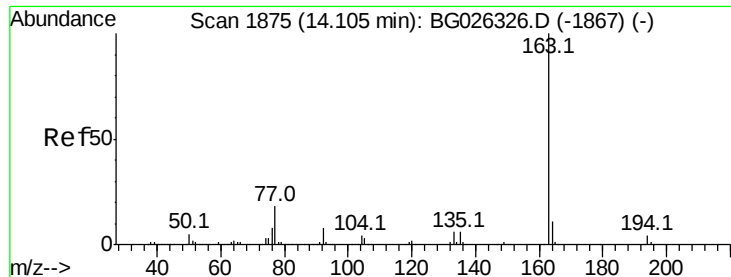
151 22.3 18.2 27.2

153 14.8 11.3 16.9



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





#49

Dimethylphthalate

Concen: 69.81 ng

RT: 14.10 min Scan# 1874

Delta R.T. -0.00 min

Lab File: BG026592.D

Acq: 7 Apr 2017 8:32

Instrument :

BNA\_G

ClientSampleId :

B45-S1(0-2)MSD

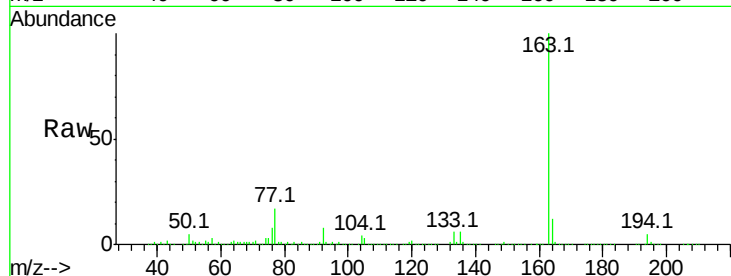
Tot Ion:163 Resp: 2058603

Ion Ratio Lower Upper

163 100

194 5.2 3.8 5.6

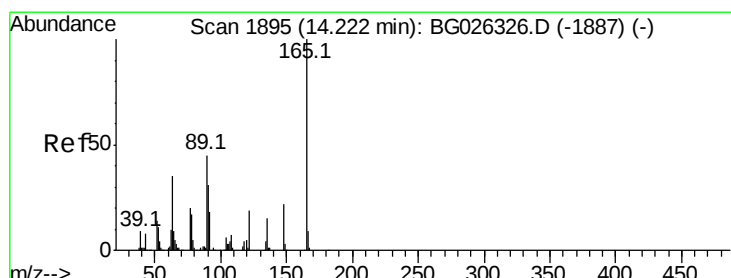
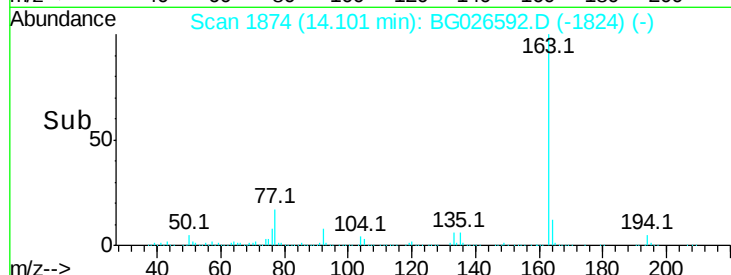
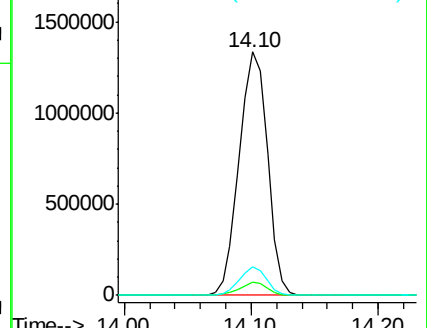
164 11.8 9.3 13.9



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: 56.24 ng

RT: 14.22 min Scan# 1894

Delta R.T. -0.00 min

Lab File: BG026592.D

Acq: 7 Apr 2017 8:32

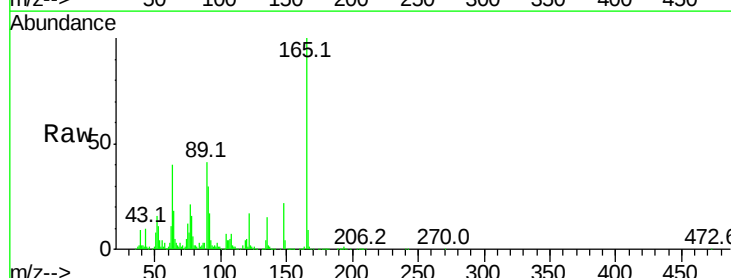
Tgt Ion:165 Resp: 387096

Ion Ratio Lower Upper

165 100

63 40.4 63.9 95.9#

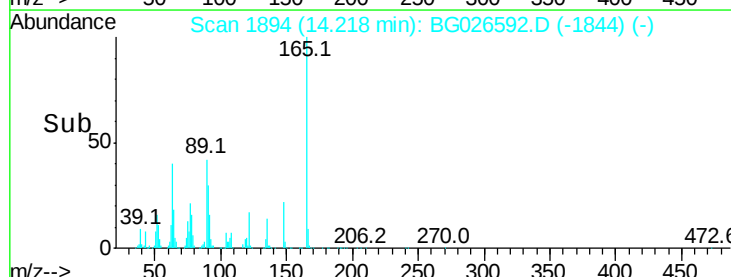
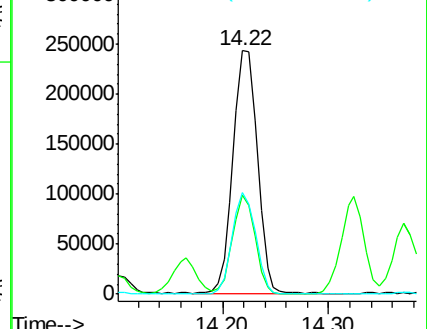
89 41.5 58.6 88.0#

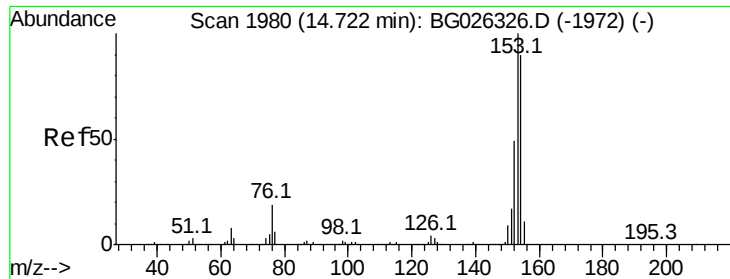


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 49.01 ng

RT: 14.71 min Scan# 1978

Delta R.T. -0.01 min

Lab File: BG026592.D

Acq: 7 Apr 2017 8:32

Instrument :

BNA\_G

ClientSampleId :

B45-S1(0-2)MSD

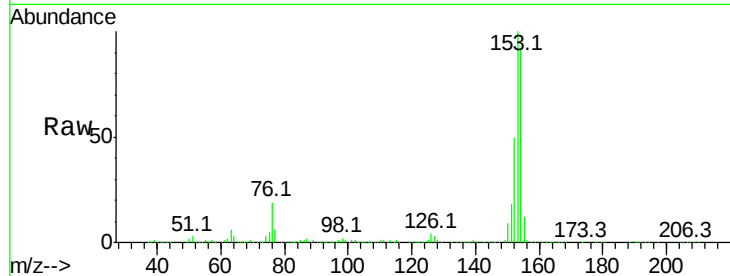
Tot Ion:154 Resp: 1243206

Ion Ratio Lower Upper

154 100

153 109.1 87.8 131.6

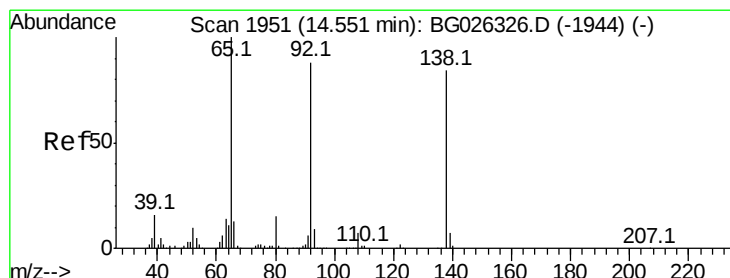
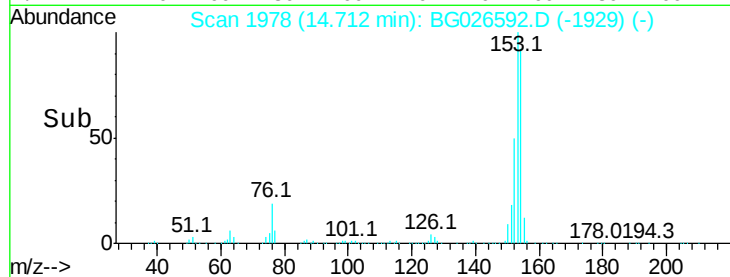
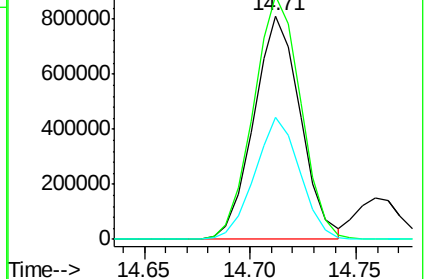
152 54.4 42.2 63.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 36.31 ng

RT: 14.55 min Scan# 1951

Delta R.T. 0.00 min

Lab File: BG026592.D

Acq: 7 Apr 2017 8:32

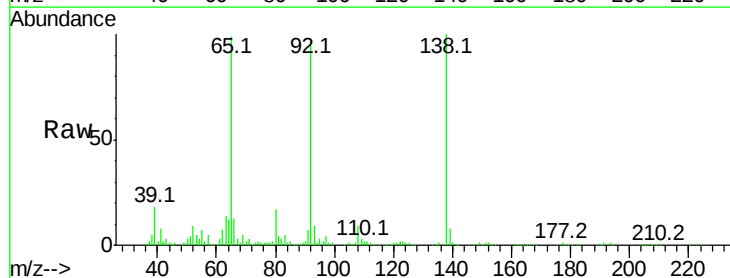
Tgt Ion:138 Resp: 275123

Ion Ratio Lower Upper

138 100

108 9.4 10.9 16.3#

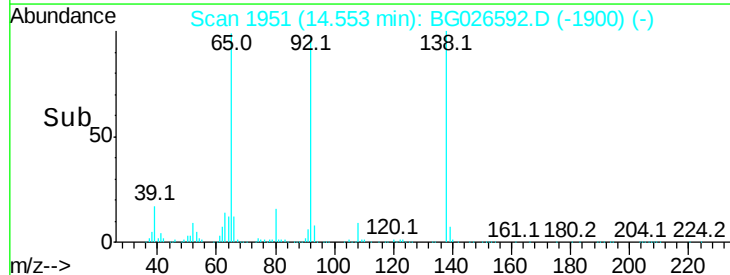
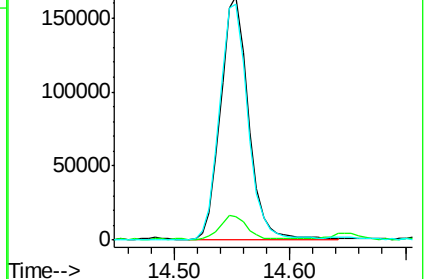
92 97.0 115.3 172.9#



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

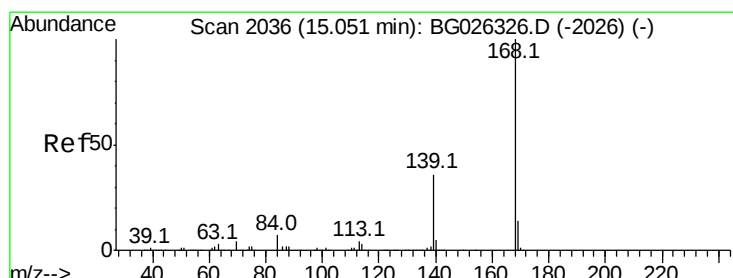
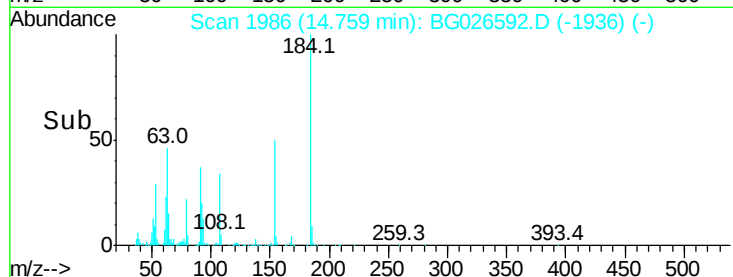
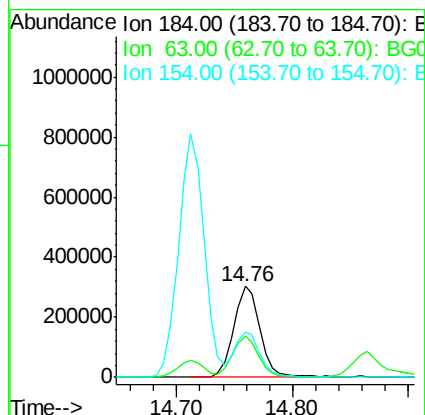
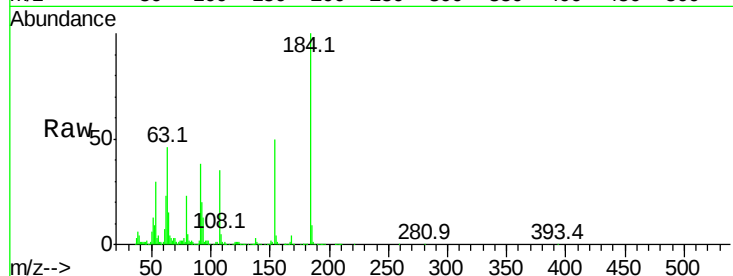




#53  
2,4-Dinitrophenol  
Concen: 119.92 ng  
RT: 14.76 min Scan# 1986  
Delta R.T. -0.00 min  
Lab File: BG026592.D  
Acq: 7 Apr 2017 8:32

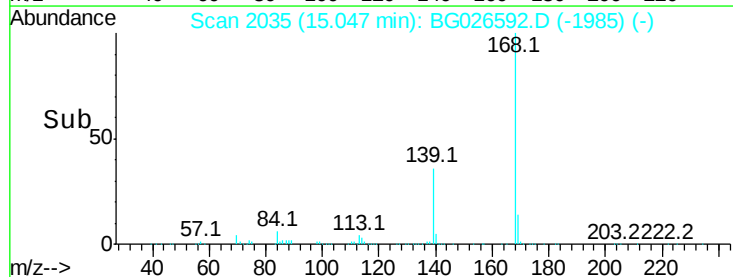
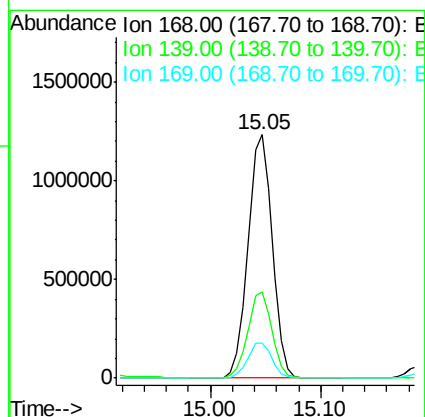
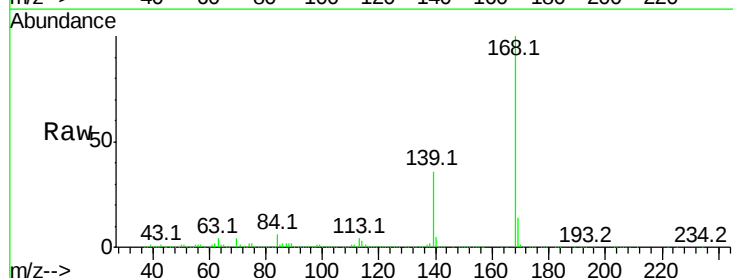
Instrument :  
BNA\_G  
ClientSampled :  
B45-S1(0-2)MSD

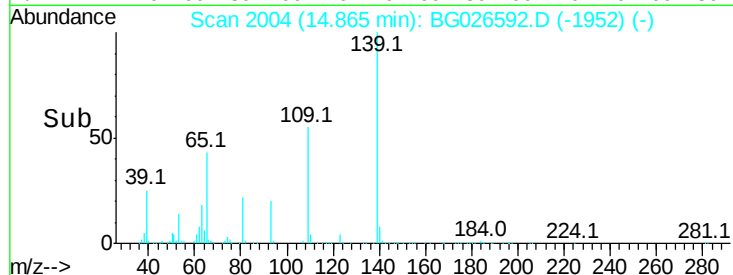
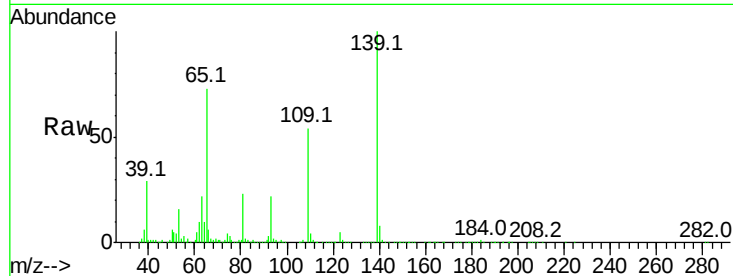
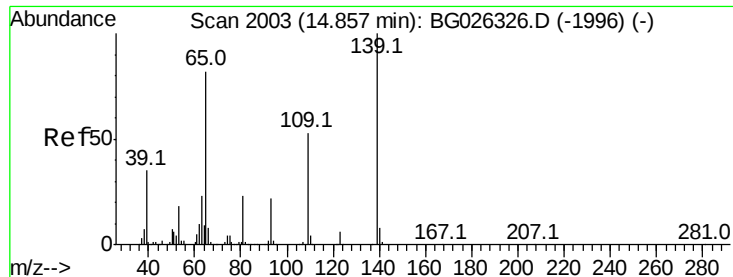
Tot Ion:184 Resp: 478791  
Ion Ratio Lower Upper  
184 100  
63 46.1 52.7 79.1#  
154 49.7 57.3 85.9#



#54  
Dibenzofuran  
Concen: 53.38 ng  
RT: 15.05 min Scan# 2035  
Delta R.T. -0.00 min  
Lab File: BG026592.D  
Acq: 7 Apr 2017 8:32

Tgt Ion:168 Resp: 1906456  
Ion Ratio Lower Upper  
168 100  
139 35.5 35.3 52.9  
169 14.4 11.5 17.3

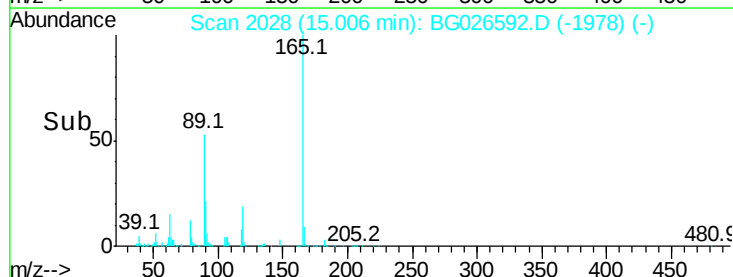
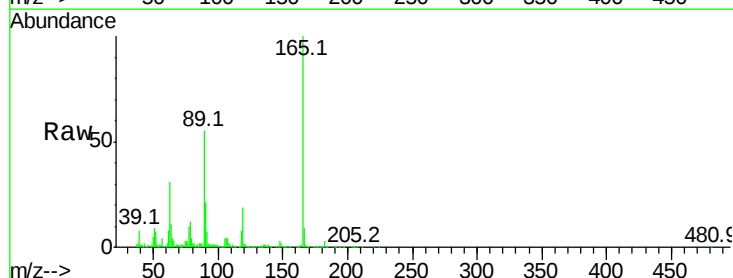
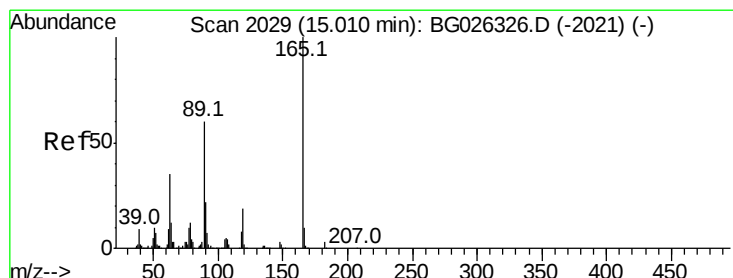
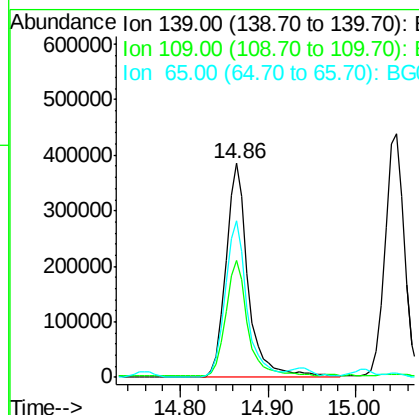




#55  
4-Nitrophenol  
Concen: 108.89 ng  
RT: 14.86 min Scan# 2004  
Delta R.T. 0.01 min  
Lab File: BG026592.D  
Acq: 7 Apr 2017 8:32

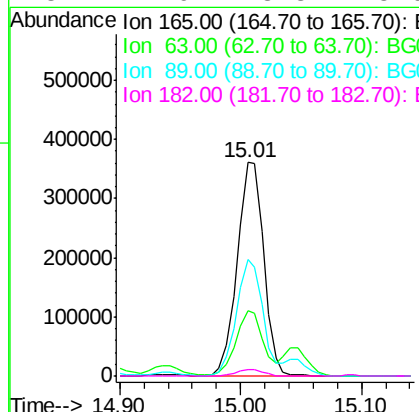
Instrument :  
BNA\_G  
ClientSampleId :  
B45-S1(0-2)MSD

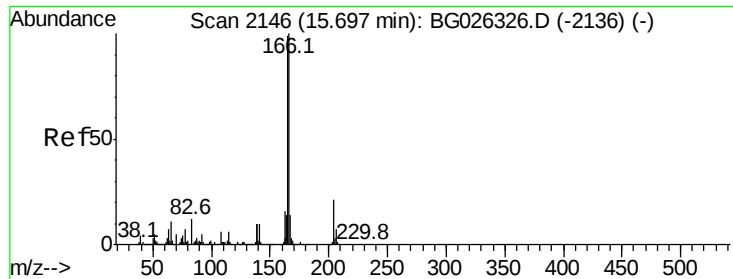
Tot Ion:139 Resp: 675705  
Ion Ratio Lower Upper  
139 100  
109 54.5 101.2 141.2#  
65 73.0 135.3 175.3#



#56  
2,4-Dinitrotoluene  
Concen: 56.93 ng  
RT: 15.01 min Scan# 2028  
Delta R.T. -0.00 min  
Lab File: BG026592.D  
Acq: 7 Apr 2017 8:32

Tgt Ion:165 Resp: 551036  
Ion Ratio Lower Upper  
165 100  
63 30.9 44.0 66.0#  
89 54.8 67.3 100.9#  
182 2.9 3.8 5.6#





#57

Fluorene

Concen: 49.90 ng

RT: 15.69 min Scan# 2145

Delta R.T. -0.00 min

Lab File: BG026592.D

Acq: 7 Apr 2017 8:32

Instrument :

BNA\_G

ClientSampleId :

B45-S1(0-2)MSD

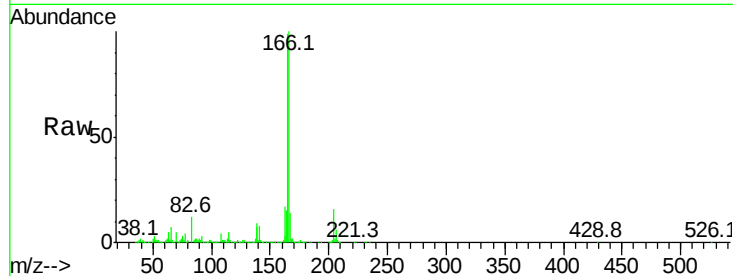
Tot Ion:166 Resp: 1586100

Ion Ratio Lower Upper

166 100

165 99.2 78.6 117.8

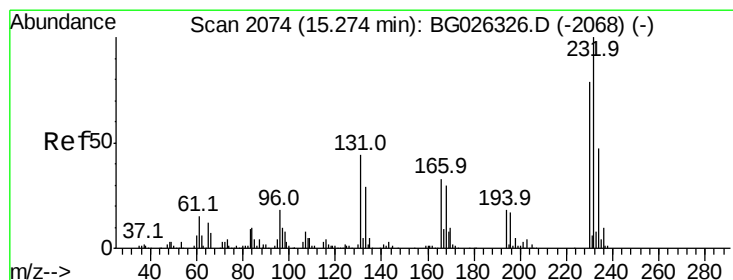
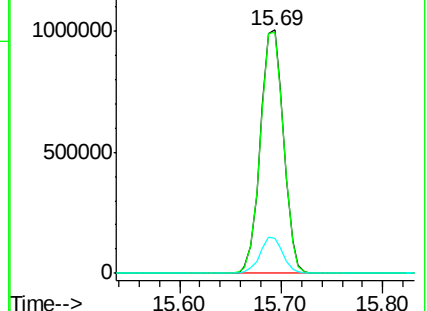
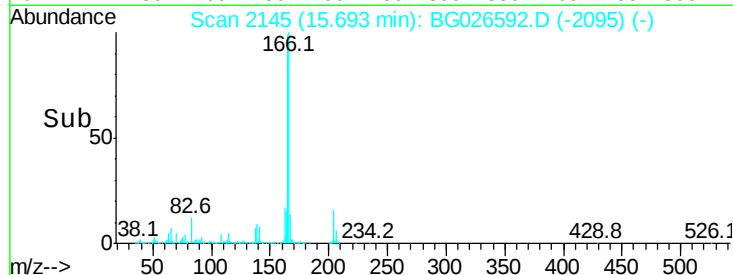
167 14.5 11.6 17.4



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: 61.09 ng

RT: 15.27 min Scan# 2073

Delta R.T. -0.00 min

Lab File: BG026592.D

Acq: 7 Apr 2017 8:32

Tgt Ion:232 Resp: 453245

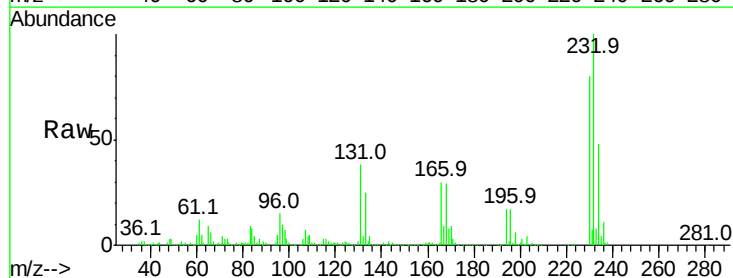
Ion Ratio Lower Upper

232 100

131 39.5 34.9 52.3

130 2.1 2.3 3.5#

166 29.3 24.2 36.4

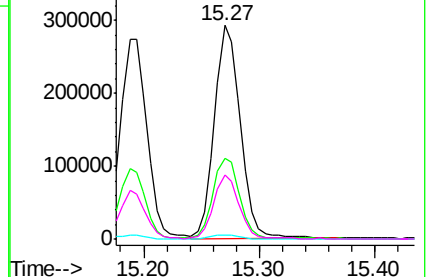
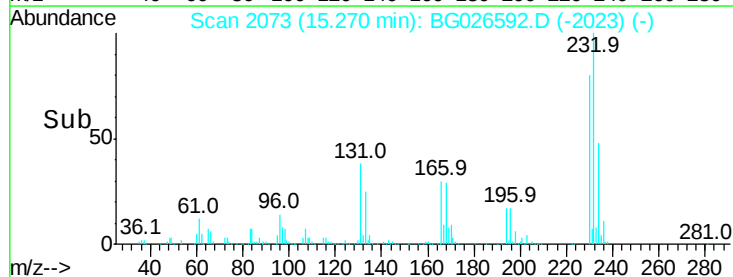


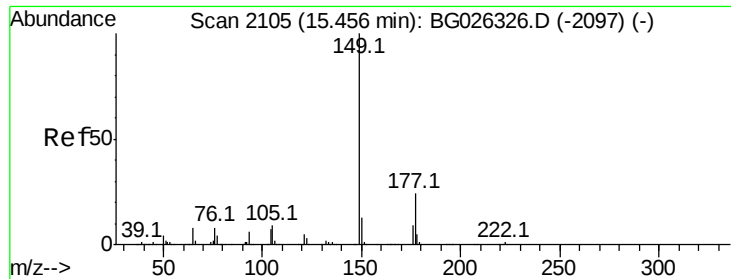
Abundance Ion 232.00 (231.70 to 232.70): E

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

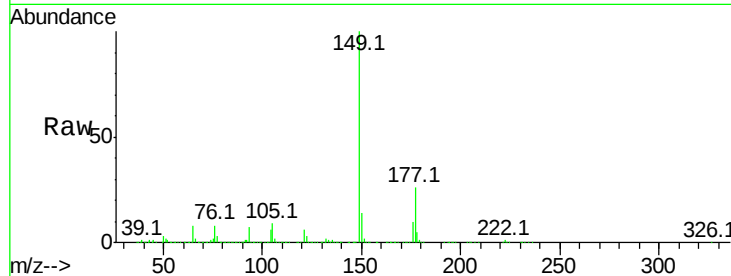




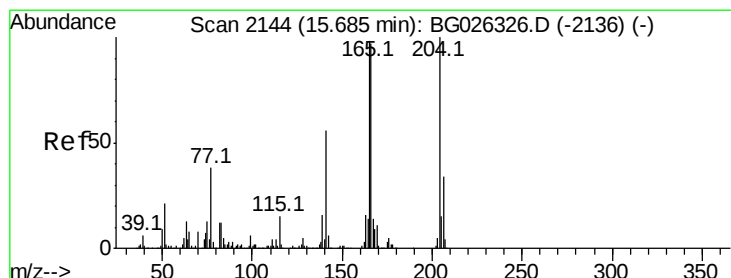
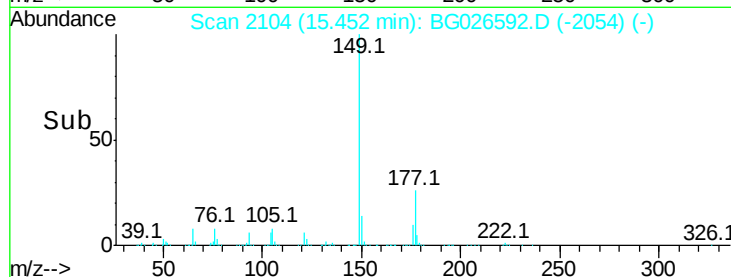
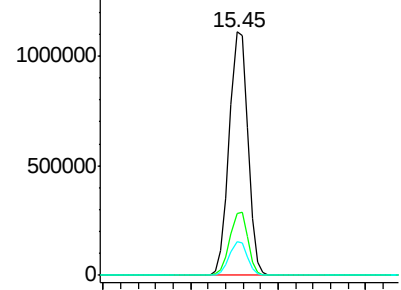
#59  
Diethylphthalate  
Concen: 52.43 ng  
RT: 15.45 min Scan# 2104  
Delta R.T. -0.00 min  
Lab File: BG026592.D  
Acq: 7 Apr 2017 8:32

Instrument :  
BNA\_G  
ClientSampleId :  
B45-S1(0-2)MSD

Tot Ion:149 Resp: 1580232  
Ion Ratio Lower Upper  
149 100  
177 25.5 20.1 30.1  
150 13.8 10.2 15.2

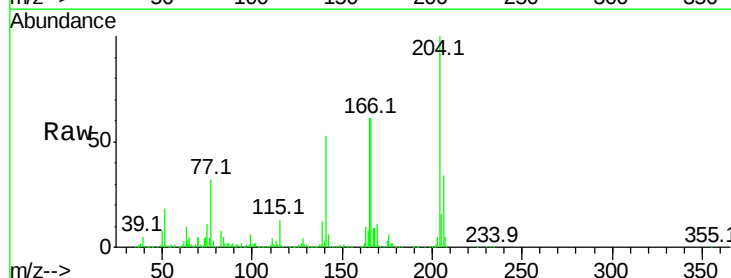


Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 177.00 (176.70 to 177.70): E  
Ion 150.00 (149.70 to 150.70): E

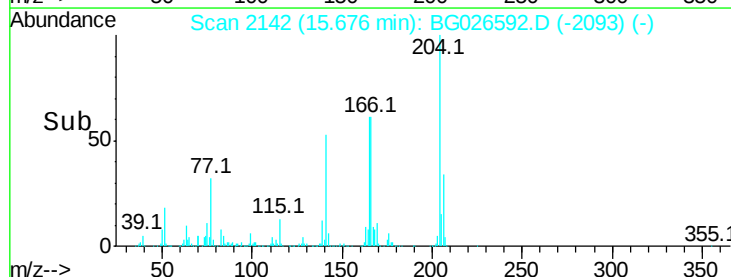
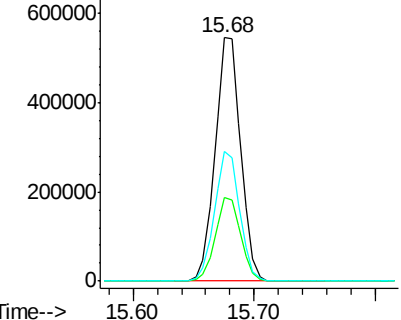


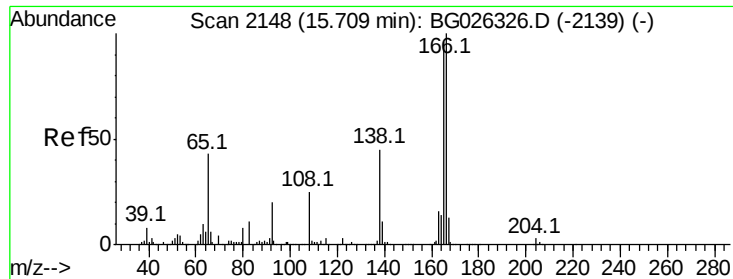
#60  
4-Chlorophenyl-phenylether  
Concen: 53.11 ng  
RT: 15.68 min Scan# 2142  
Delta R.T. -0.01 min  
Lab File: BG026592.D  
Acq: 7 Apr 2017 8:32

Tgt Ion:204 Resp: 799993  
Ion Ratio Lower Upper  
204 100  
206 34.3 30.1 45.1  
141 53.4 50.6 76.0



Abundance Ion 204.00 (203.70 to 204.70): E  
Ion 206.00 (205.70 to 206.70): E  
Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 55.11 ng

RT: 15.71 min Scan# 2148

Delta R.T. 0.00 min

Lab File: BG026592.D

Acq: 7 Apr 2017 8:32

Instrument :

BNA\_G

ClientSampleId :

B45-S1(0-2)MSD

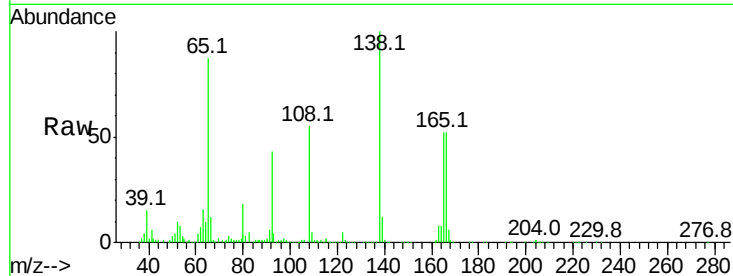
Tot Ion:138 Resp: 441784

Ion Ratio Lower Upper

138 100

92 42.6 44.2 84.2#

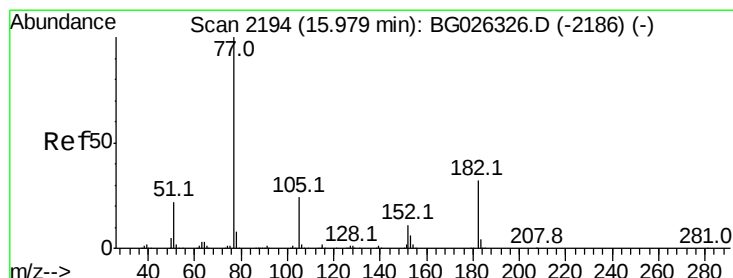
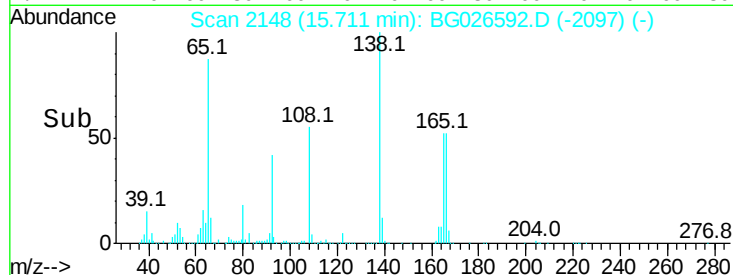
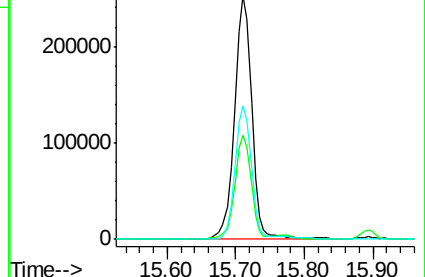
108 55.0 104.8 144.8#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BGC

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 51.00 ng

RT: 15.97 min Scan# 2192

Delta R.T. -0.01 min

Lab File: BG026592.D

Acq: 7 Apr 2017 8:32

Tgt Ion: 77 Resp: 1249709

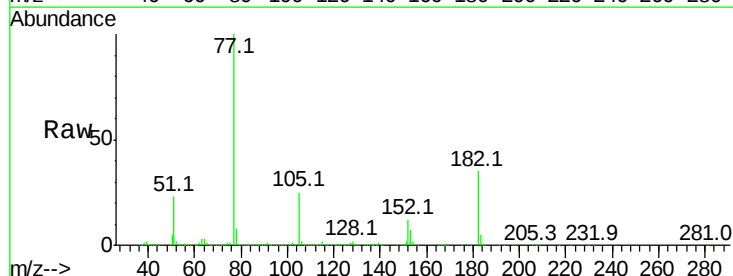
Ion Ratio Lower Upper

77 100

182 35.4 4.7 44.7

105 25.5 0.0 36.3

51 22.8 16.4 56.4

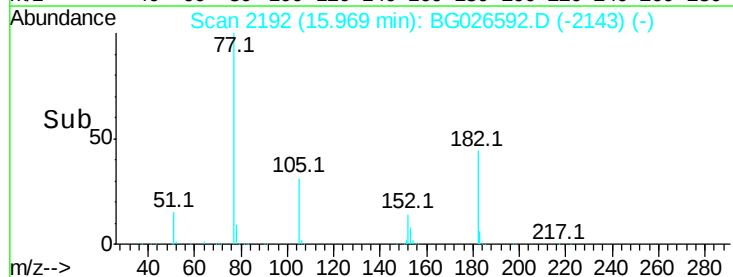
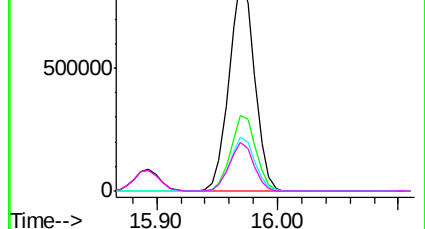


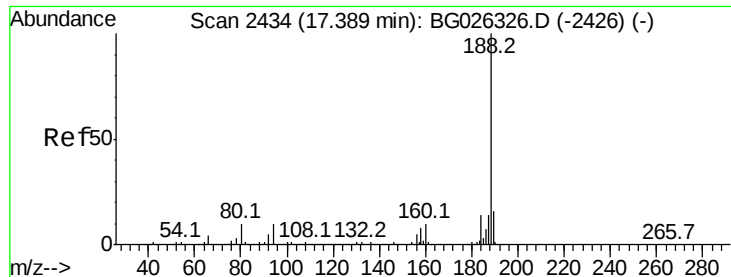
Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BGC

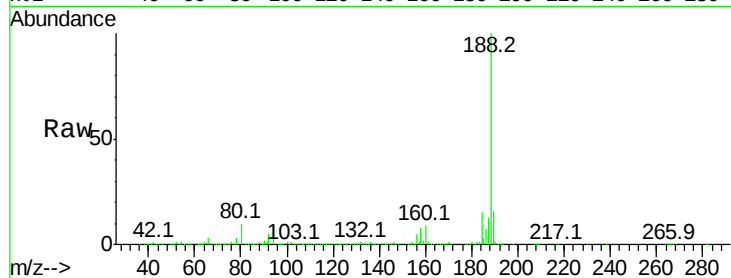




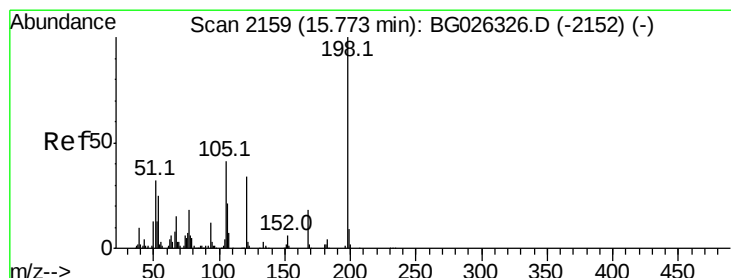
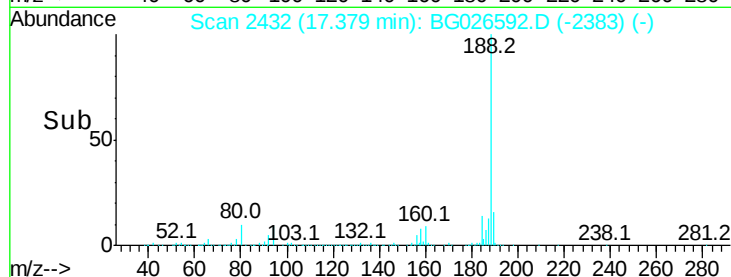
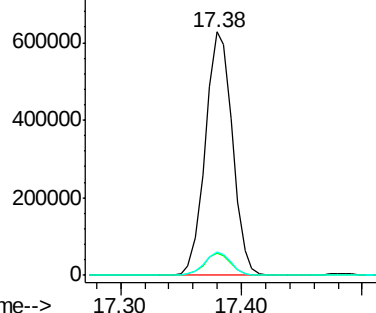
#63  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 17.38 min Scan# 2432  
Delta R.T. -0.01 min  
Lab File: BG026592.D  
Acq: 7 Apr 2017 8:32

Instrument :  
BNA\_G  
ClientSampleId :  
B45-S1(0-2)MSD

Tot Ion:188 Resp: 979649  
Ion Ratio Lower Upper  
188 100  
94 9.0 5.8 8.8#  
80 9.7 7.5 11.3

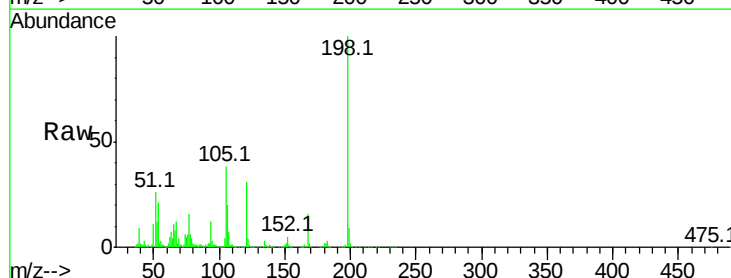


Abundance Ion 188.00 (187.70 to 188.70): E  
Ion 94.00 (93.70 to 94.70): BGC  
Ion 80.00 (79.70 to 80.70): BGC

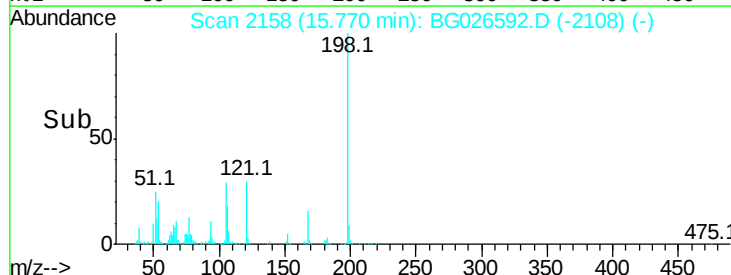
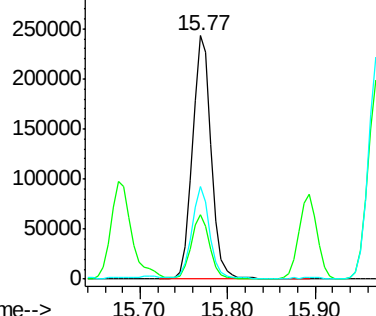


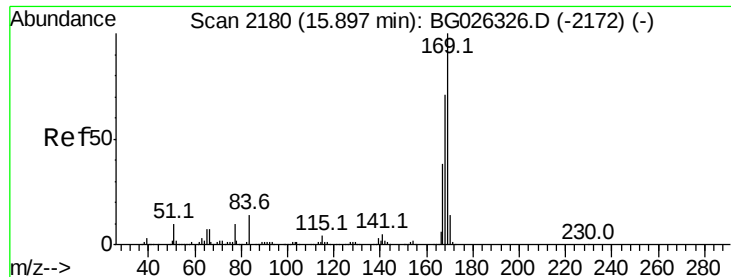
#64  
4,6-Dinitro-2-methylphenol  
Concen: 58.54 ng  
RT: 15.77 min Scan# 2158  
Delta R.T. -0.00 min  
Lab File: BG026592.D  
Acq: 7 Apr 2017 8:32

Tgt Ion:198 Resp: 361538  
Ion Ratio Lower Upper  
198 100  
51 26.3 22.6 62.6  
105 37.8 14.4 54.4



Abundance Ion 198.00 (197.70 to 198.70): E  
Ion 51.00 (50.70 to 51.70): BGC  
Ion 105.00 (104.70 to 105.70): E

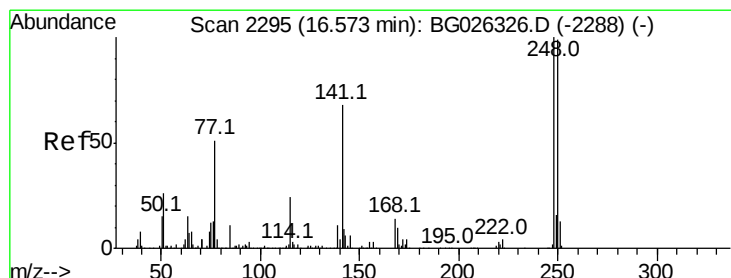
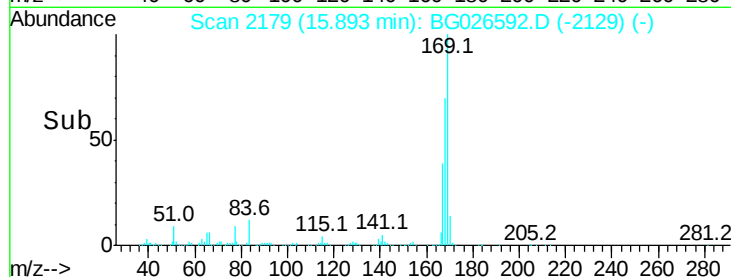
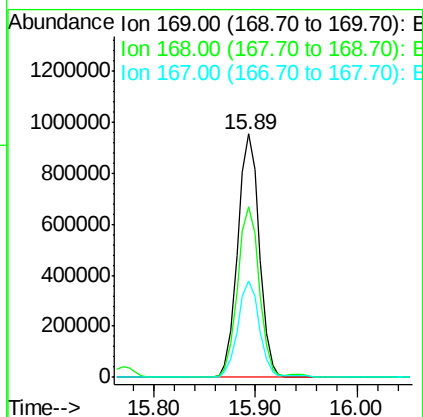
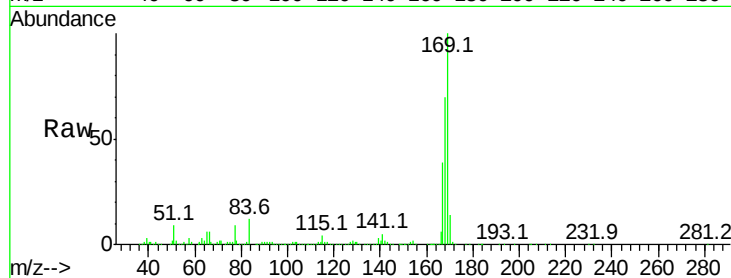




#65  
 n-Nitrosodiphenylamine  
 Concen: 49.14 ng  
 RT: 15.89 min Scan# 2179  
 Delta R.T. -0.00 min  
 Lab File: BG026592.D  
 Acq: 7 Apr 2017 8:32

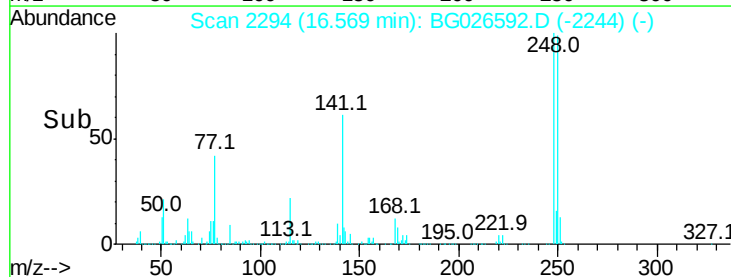
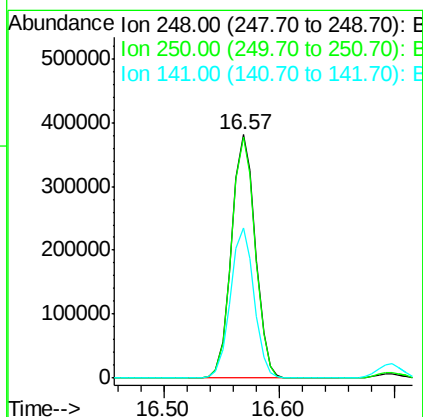
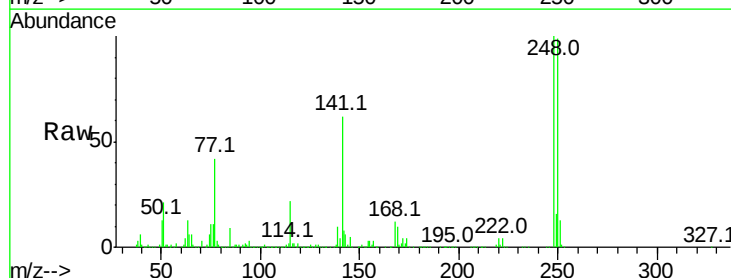
Instrument :  
 BNA\_G  
 ClientSampleId :  
 B45-S1(0-2)MSD

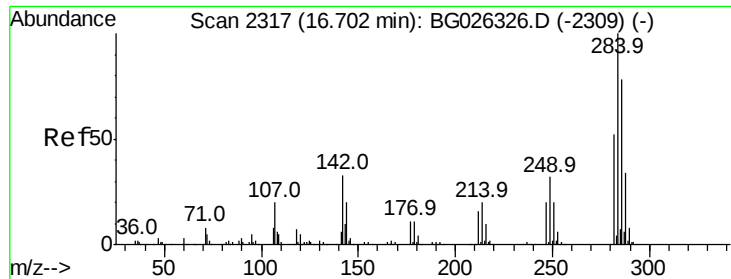
Tot Ion:169 Resp: 1412780  
 Ion Ratio Lower Upper  
 169 100  
 168 70.2 55.7 83.5  
 167 39.5 29.8 44.6



#66  
 4-Bromophenyl-phenylether  
 Concen: 53.75 ng  
 RT: 16.57 min Scan# 2294  
 Delta R.T. -0.00 min  
 Lab File: BG026592.D  
 Acq: 7 Apr 2017 8:32

Tgt Ion:248 Resp: 541966  
 Ion Ratio Lower Upper  
 248 100  
 250 99.1 75.0 112.6  
 141 61.9 55.2 82.8

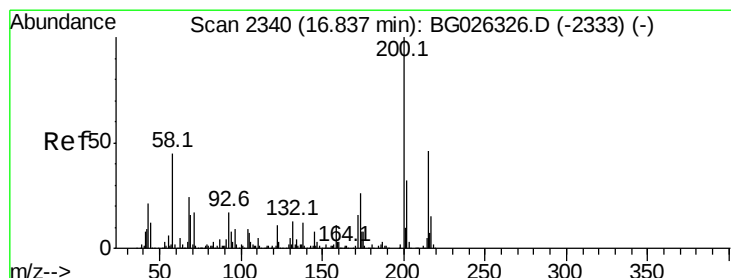
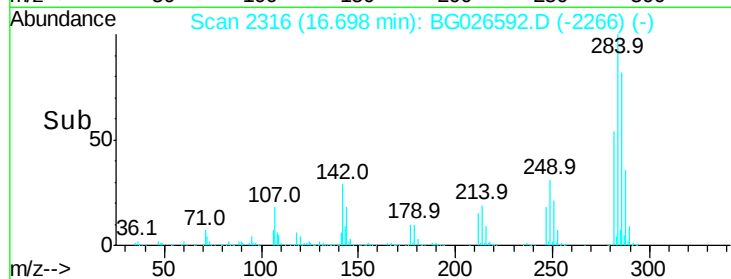
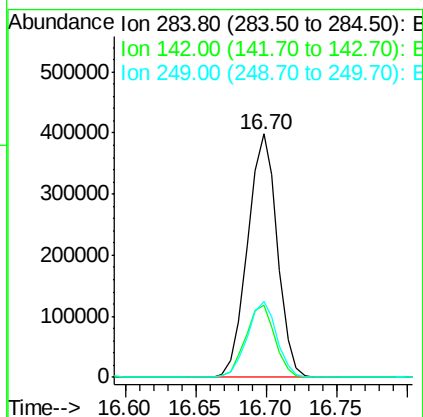
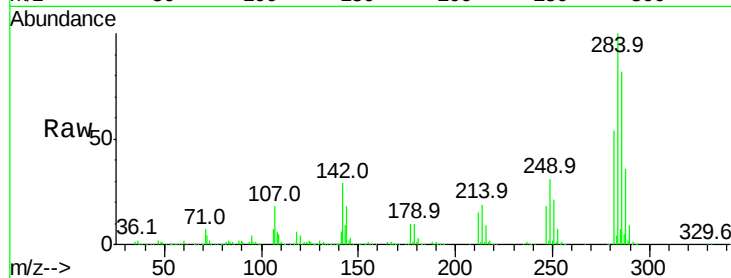




#67  
Hexachlorobenzene  
Concen: 54.59 ng  
RT: 16.70 min Scan# 2316  
Delta R.T. -0.00 min  
Lab File: BG026592.D  
Acq: 7 Apr 2017 8:32

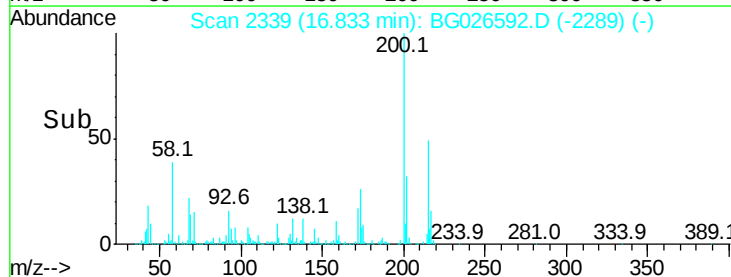
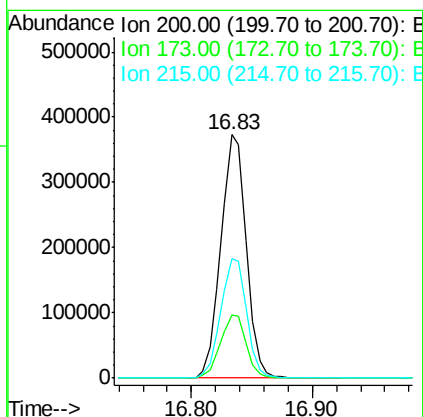
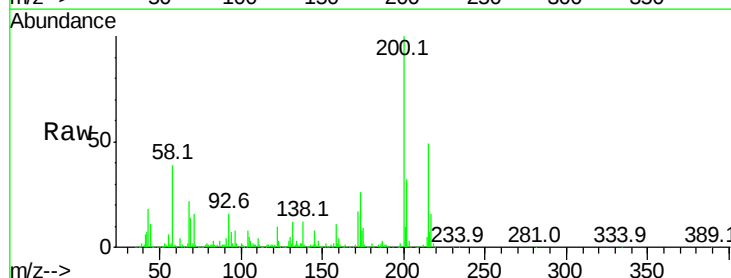
Instrument :  
BNA\_G  
ClientSampleId :  
B45-S1(0-2)MSD

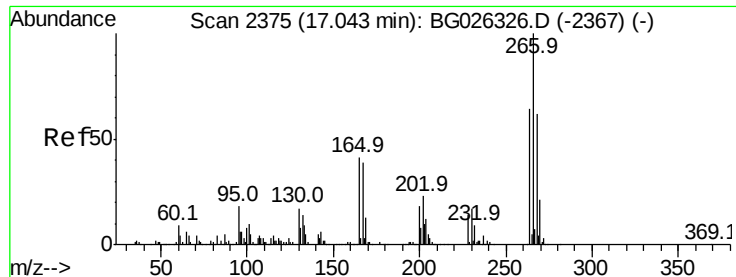
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 29.5  | 29.9  | 44.9# |
| 249     | 31.4  | 29.2  | 43.8  |



#68  
Atrazine  
Concen: 49.71 ng  
RT: 16.83 min Scan# 2339  
Delta R.T. -0.00 min  
Lab File: BG026592.D  
Acq: 7 Apr 2017 8:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 26.2  | 3.0   | 43.0  |
| 215     | 49.0  | 28.4  | 68.4  |

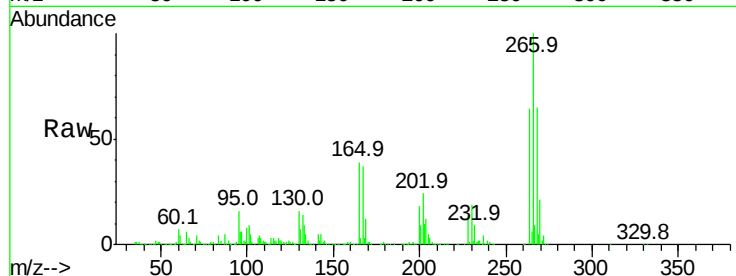




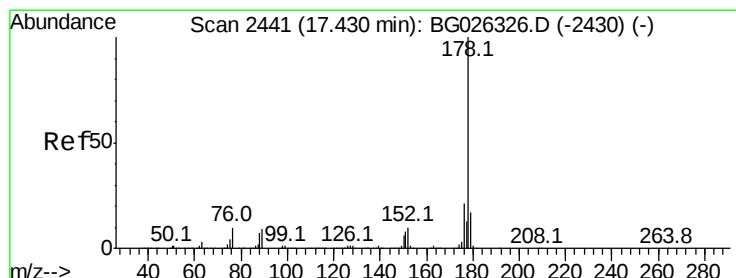
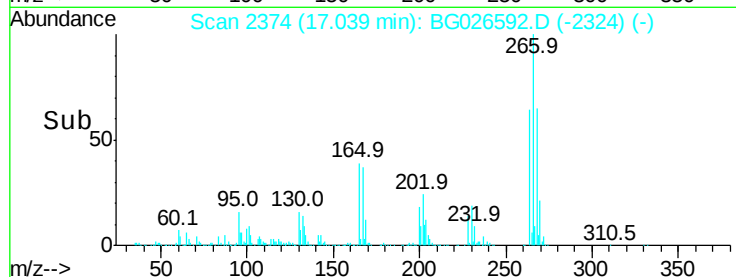
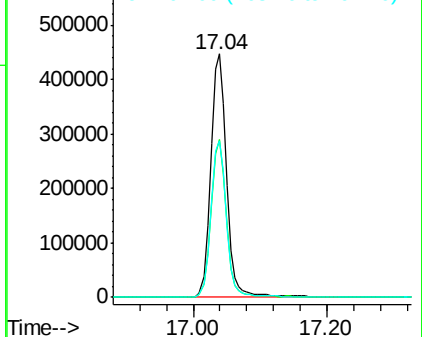
#69  
 Pentachlorophenol  
 Concen: 107.07 ng  
 RT: 17.04 min Scan# 2374  
 Delta R.T. -0.00 min  
 Lab File: BG026592.D  
 Acq: 7 Apr 2017 8:32

Instrument :  
 BNA\_G  
 ClientSampleId :  
 B45-S1(0-2)MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 65.0  | 48.6  | 72.8  |
| 264     | 64.1  | 50.1  | 75.1  |

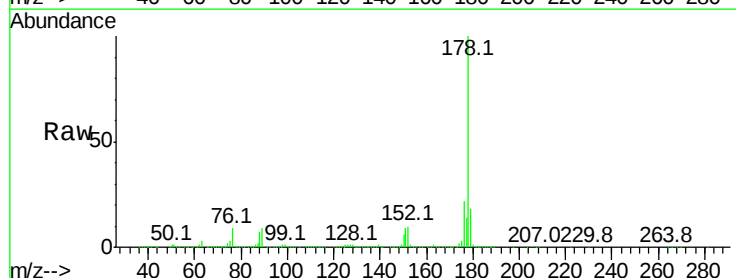


Abundance Ion 265.70 (265.40 to 266.40): E  
 Ion 268.00 (267.70 to 268.70): E  
 Ion 264.00 (263.70 to 264.70): E

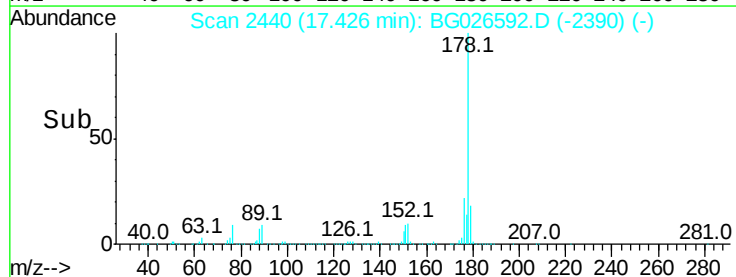
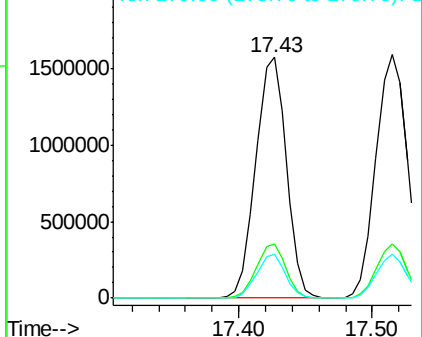


#70  
 Phenanthrene  
 Concen: 47.34 ng  
 RT: 17.43 min Scan# 2440  
 Delta R.T. -0.00 min  
 Lab File: BG026592.D  
 Acq: 7 Apr 2017 8:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 22.4  | 17.7  | 26.5  |
| 179     | 18.0  | 15.0  | 22.6  |



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: 48.18 ng

RT: 17.51 min Scan# 2455

Delta R.T. -0.00 min

Lab File: BG026592.D

Acq: 7 Apr 2017 8:32

Instrument :

BNA\_G

ClientSampleId :

B45-S1(0-2)MSD

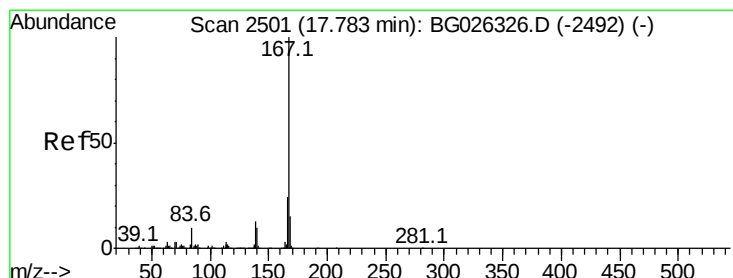
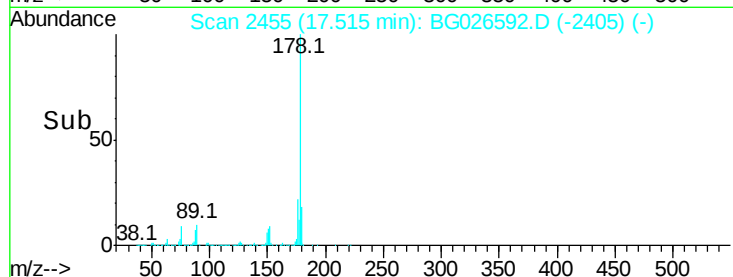
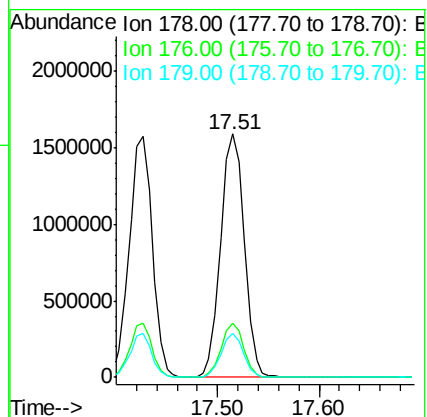
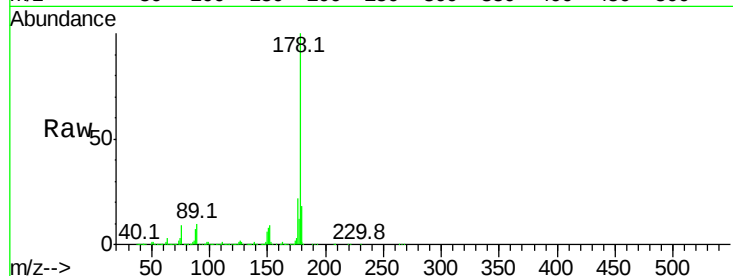
Tot Ion:178 Resp: 2585884

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 178 | 100   |       |       |
| 176 | 22.2  | 16.4  | 24.6  |
| 179 | 18.3  | 13.8  | 20.8  |

178 100

176 22.2 16.4 24.6

179 18.3 13.8 20.8



#72

Carbazole

Concen: 45.07 ng

RT: 17.78 min Scan# 2501

Delta R.T. 0.00 min

Lab File: BG026592.D

Acq: 7 Apr 2017 8:32

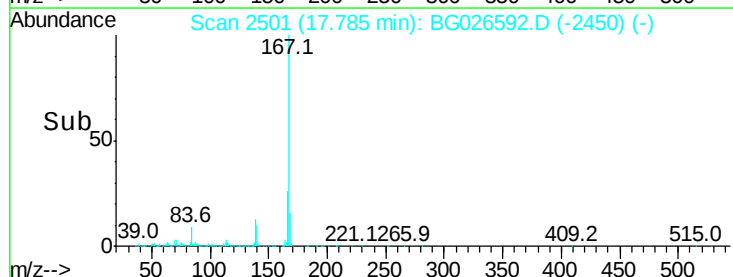
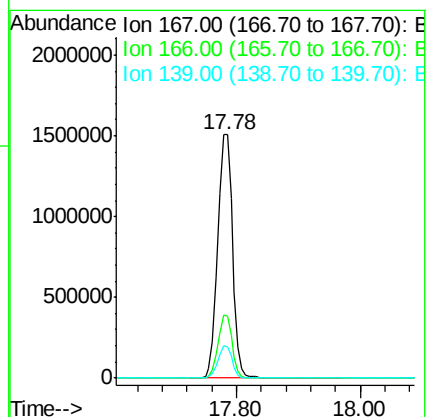
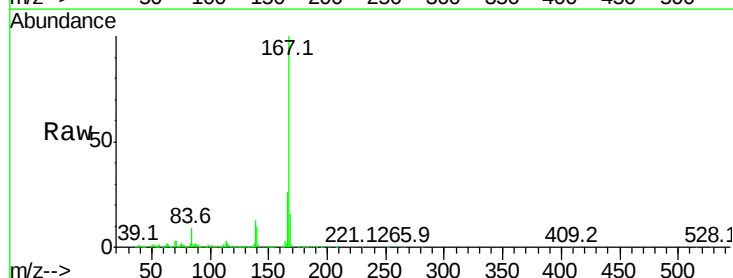
Tgt Ion:167 Resp: 2490888

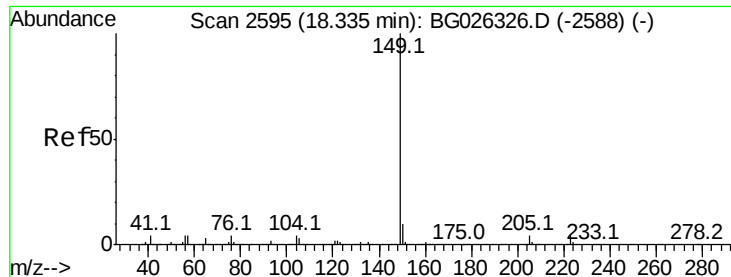
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 167 | 100   |       |       |
| 166 | 25.5  | 20.2  | 30.2  |
| 139 | 13.0  | 12.8  | 19.2  |

167 100

166 25.5 20.2 30.2

139 13.0 12.8 19.2

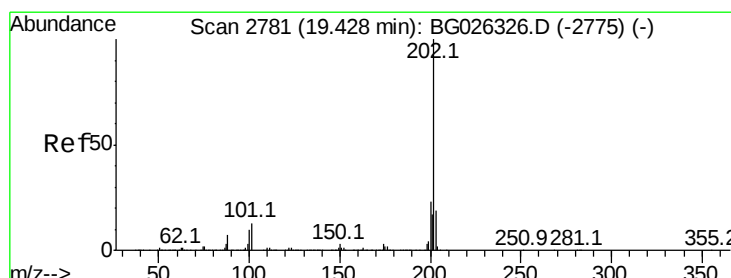
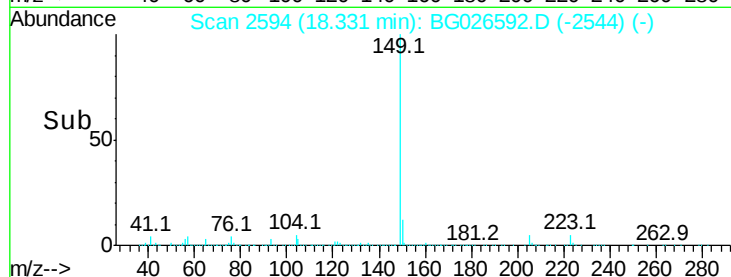
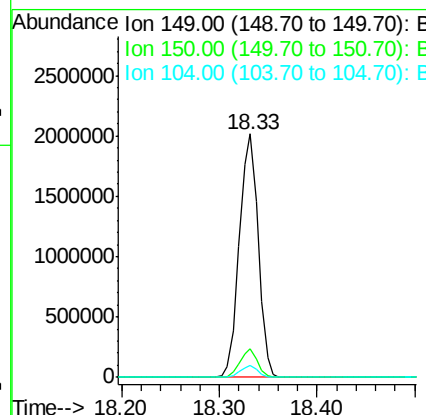
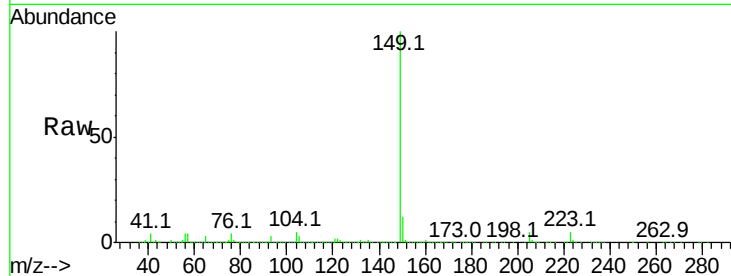




#73  
Di-n-butylphthalate  
Concen: 47.49 ng  
RT: 18.33 min Scan# 2594  
Delta R.T. -0.00 min  
Lab File: BG026592.D  
Acq: 7 Apr 2017 8:32

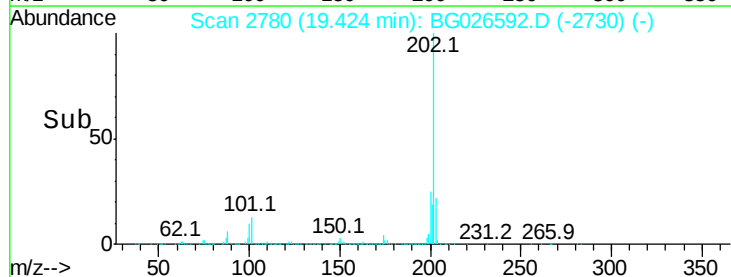
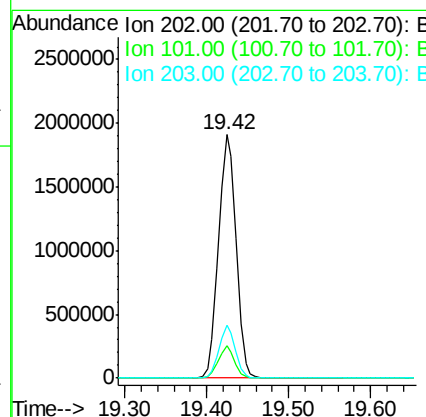
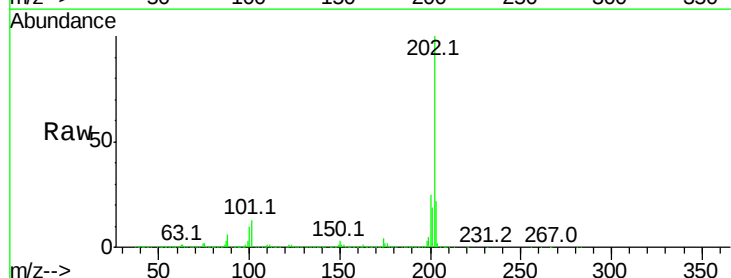
Instrument :  
BNA\_G  
ClientSampleId :  
B45-S1(0-2)MSD

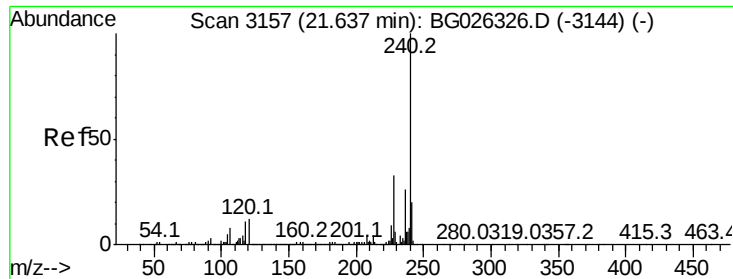
Tot Ion:149 Resp: 2696375  
Ion Ratio Lower Upper  
149 100  
150 11.5 9.1 13.7  
104 4.8 6.7 10.1#



#74  
Fluoranthene  
Concen: 46.25 ng  
RT: 19.42 min Scan# 2780  
Delta R.T. -0.00 min  
Lab File: BG026592.D  
Acq: 7 Apr 2017 8:32

Tgt Ion:202 Resp: 2860948  
Ion Ratio Lower Upper  
202 100  
101 13.3 0.0 30.1  
203 21.9 1.3 41.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.63 min Scan# 3156

Delta R.T. -0.00 min

Lab File: BG026592.D

Acq: 7 Apr 2017 8:32

Instrument :

BNA\_G

ClientSampleId :

B45-S1(0-2)MSD

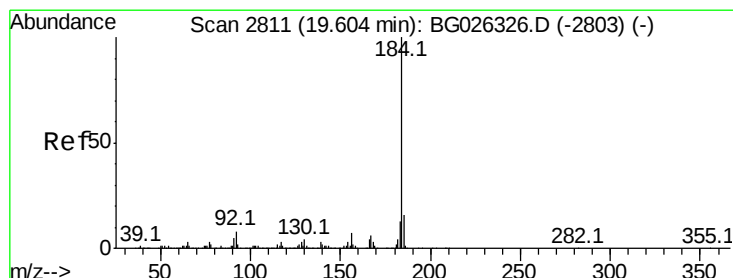
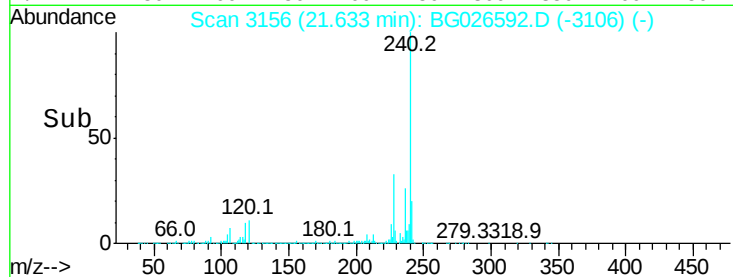
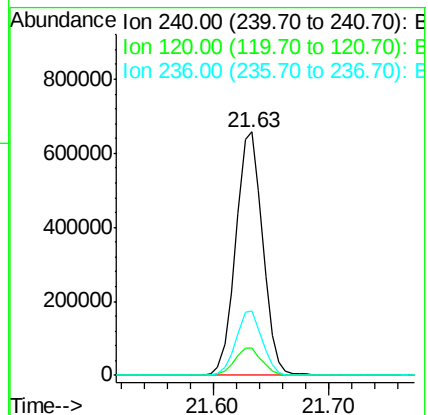
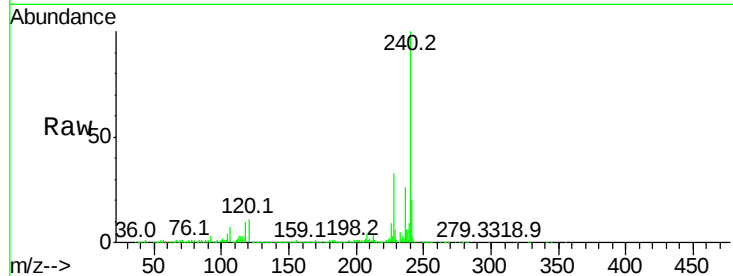
Tot Ion:240 Resp: 1057510

Ion Ratio Lower Upper

240 100

120 11.2 5.7 8.5#

236 26.2 22.2 33.4



#76

Benzidine

Concen: 5.12 ng

RT: 19.61 min Scan# 2812

Delta R.T. 0.01 min

Lab File: BG026592.D

Acq: 7 Apr 2017 8:32

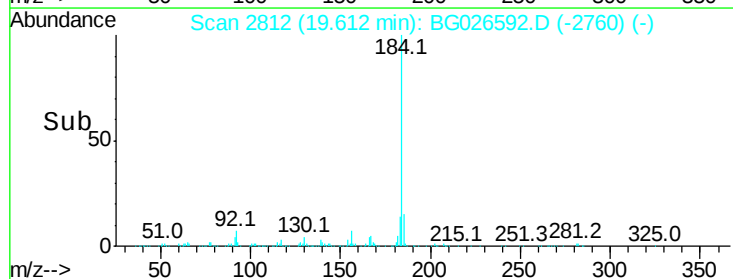
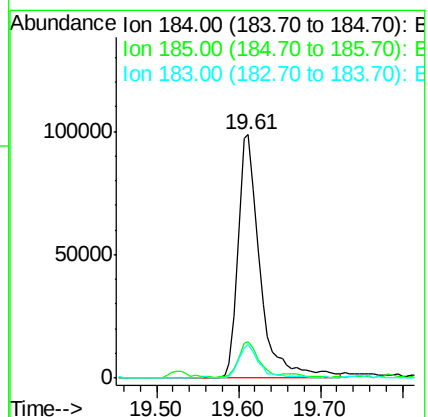
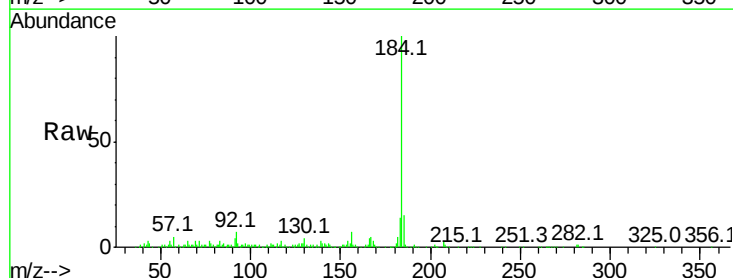
Tgt Ion:184 Resp: 186533

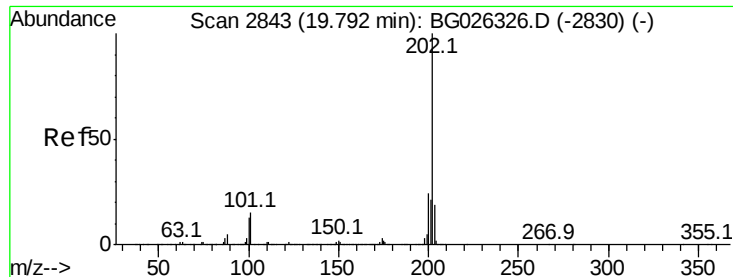
Ion Ratio Lower Upper

184 100

185 15.1 13.0 19.6

183 14.1 11.0 16.6





#77

Pvrene

Concen: 47.21 ng

RT: 19.79 min Scan# 2842

Delta R.T. -0.00 min

Lab File: BG026592.D

Acq: 7 Apr 2017 8:32

Instrument :

BNA\_G

ClientSampleId :

B45-S1(0-2)MSD

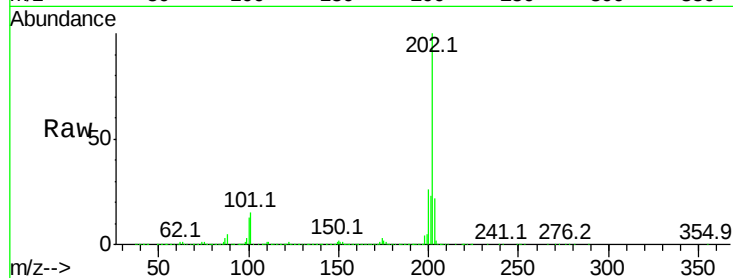
Tot Ion:202 Resp: 2890690

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 202 | 100   |       |       |
| 200 | 26.2  | 19.6  | 29.4  |
| 203 | 22.0  | 15.8  | 23.8  |

202 100

200 26.2 19.6 29.4

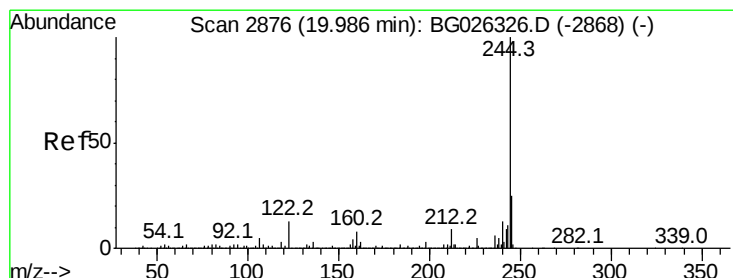
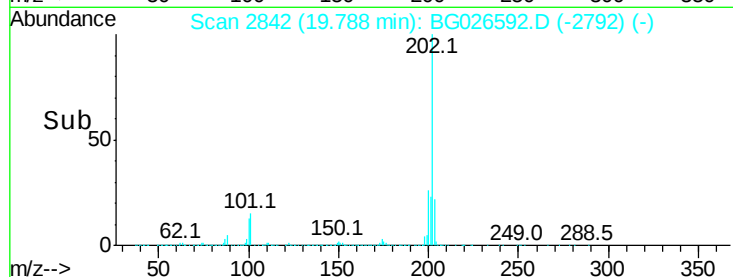
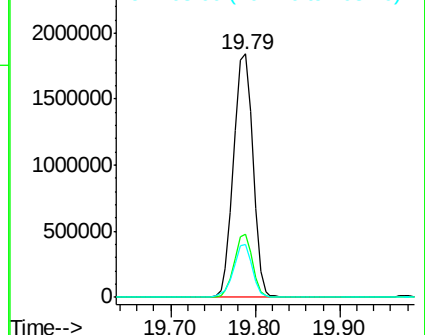
203 22.0 15.8 23.8



Abundance Ion 202.00 (201.70 to 202.70): E

2500000 Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 77.62 ng

RT: 19.98 min Scan# 2875

Delta R.T. -0.00 min

Lab File: BG026592.D

Acq: 7 Apr 2017 8:32

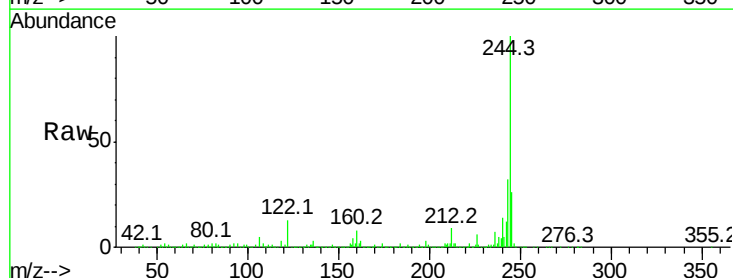
Tgt Ion:244 Resp: 3379788

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 244 | 100   |       |       |
| 212 | 9.2   | 10.0  | 15.0# |
| 122 | 13.1  | 8.6   | 12.8# |

244 100

212 9.2 10.0 15.0#

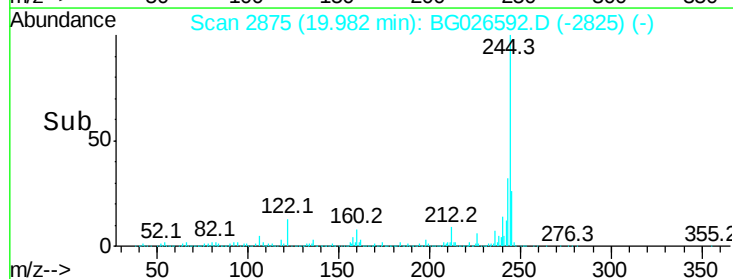
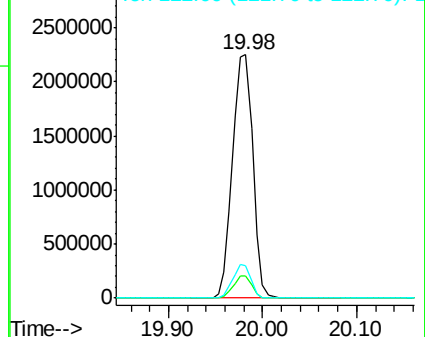
122 13.1 8.6 12.8#

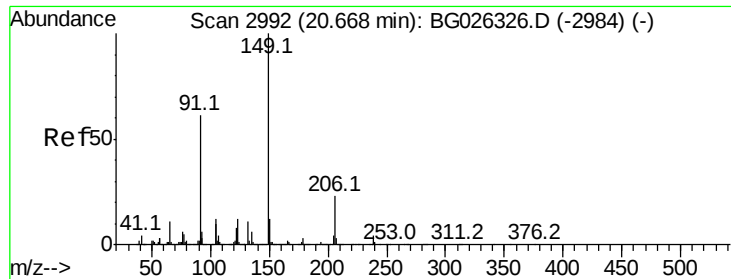


Abundance Ion 244.00 (243.70 to 244.70): E

3000000 Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

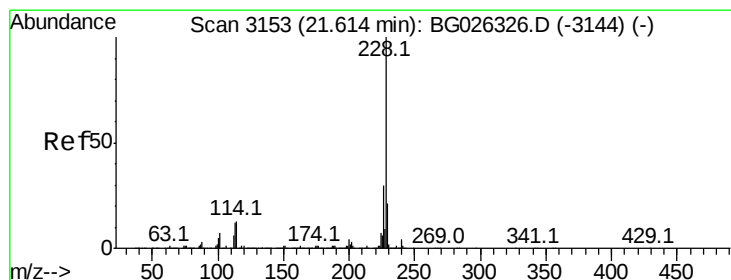
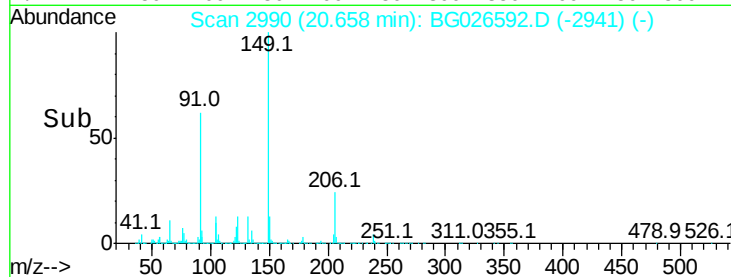
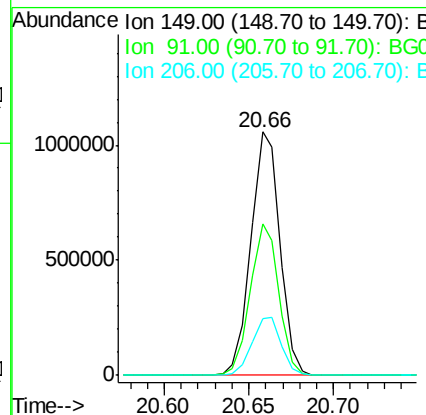
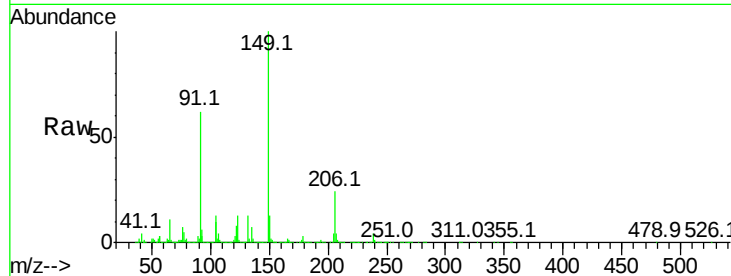




#79  
Butylbenzylphthalate  
Concen: 51.58 ng  
RT: 20.66 min Scan# 2990  
Delta R.T. -0.01 min  
Lab File: BG026592.D  
Acq: 7 Apr 2017 8:32

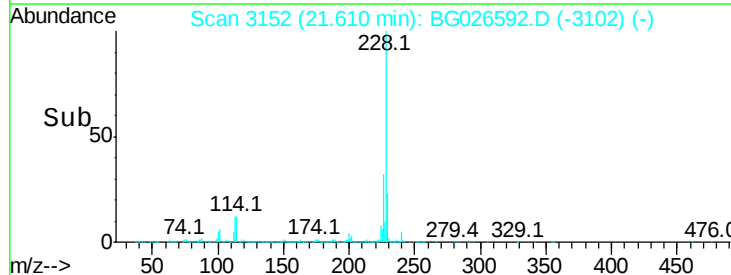
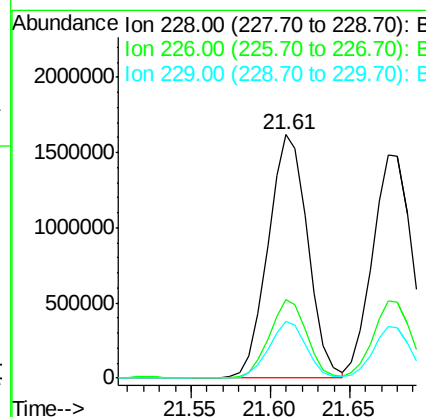
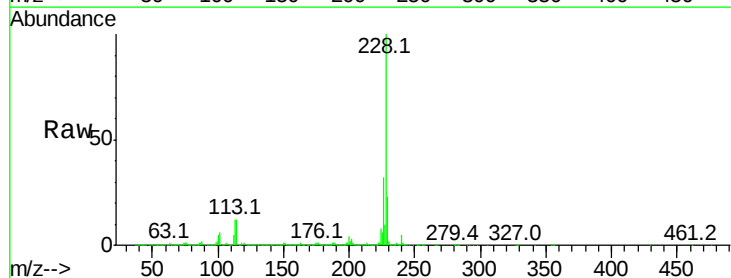
Instrument :  
BNA\_G  
ClientSampleId :  
B45-S1(0-2)MSD

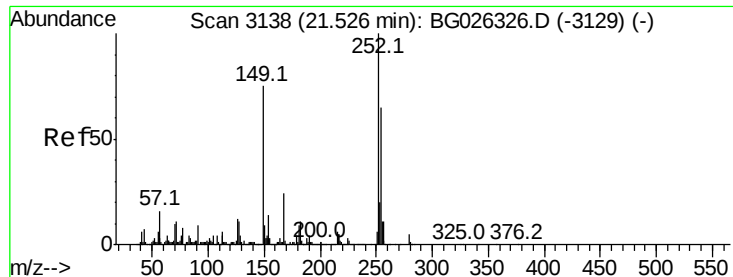
Tot Ion:149 Resp: 1263612  
Ion Ratio Lower Upper  
149 100  
91 62.4 63.5 95.3#  
206 23.5 21.0 31.6



#80  
Benzo(a)anthracene  
Concen: 47.24 ng  
RT: 21.61 min Scan# 3152  
Delta R.T. -0.00 min  
Lab File: BG026592.D  
Acq: 7 Apr 2017 8:32

Tgt Ion:228 Resp: 2811291  
Ion Ratio Lower Upper  
228 100  
226 32.0 24.9 37.3  
229 23.3 18.2 27.2

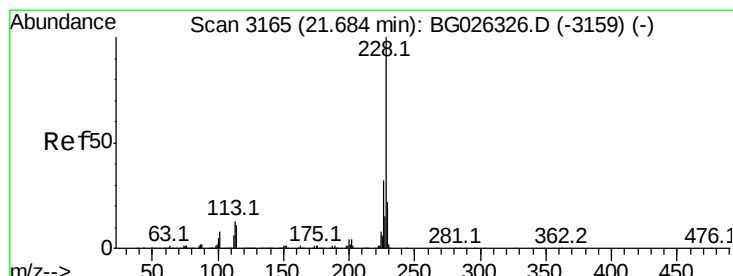
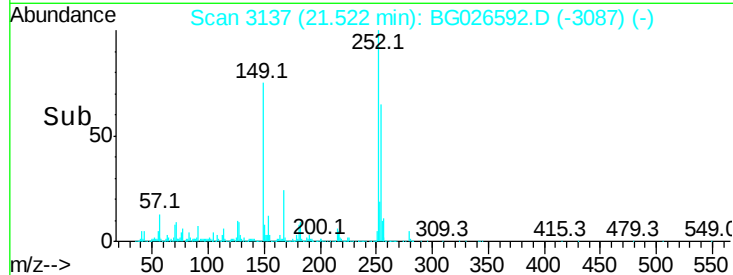
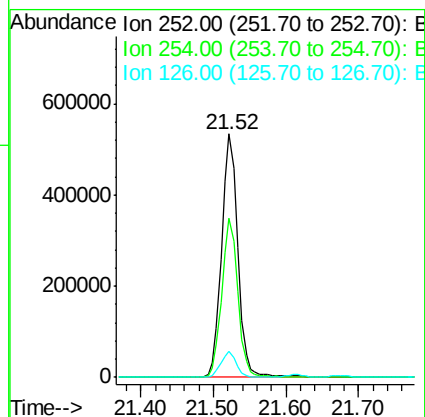
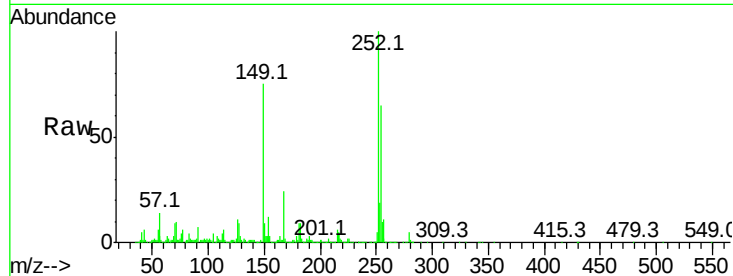




#81  
 3,3'-Dichlorobenzidine  
 Concen: 34.28 ng  
 RT: 21.52 min Scan# 3137  
 Delta R.T. -0.00 min  
 Lab File: BG026592.D  
 Acq: 7 Apr 2017 8:32

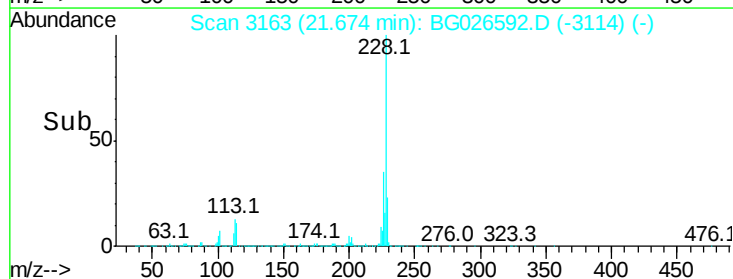
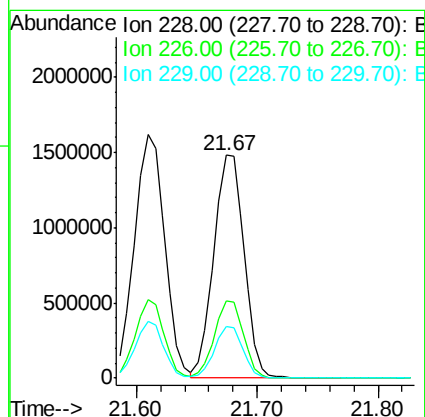
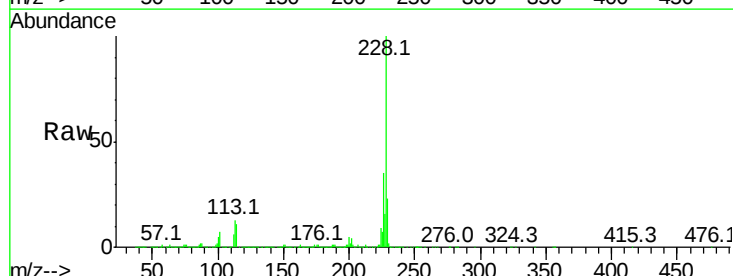
Instrument :  
 BNA\_G  
 ClientSampleId :  
 B45-S1(0-2)MSD

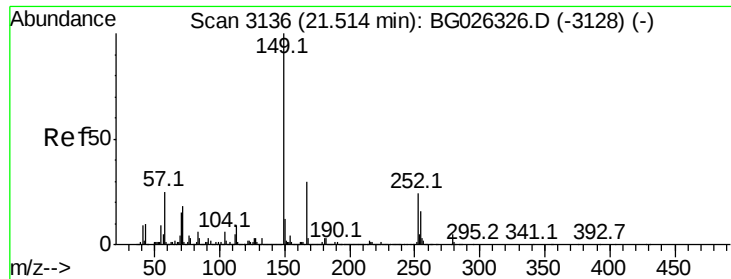
Tot Ion:252 Resp: 835035  
 Ion Ratio Lower Upper  
 252 100  
 254 65.3 53.1 79.7  
 126 10.7 7.0 10.4#



#82  
 Chrysene  
 Concen: 45.09 ng  
 RT: 21.67 min Scan# 3163  
 Delta R.T. -0.01 min  
 Lab File: BG026592.D  
 Acq: 7 Apr 2017 8:32

Tgt Ion:228 Resp: 2563642  
 Ion Ratio Lower Upper  
 228 100  
 226 34.8 27.0 40.4  
 229 23.0 17.8 26.6

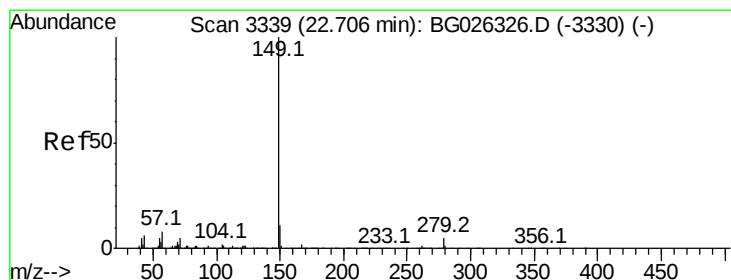
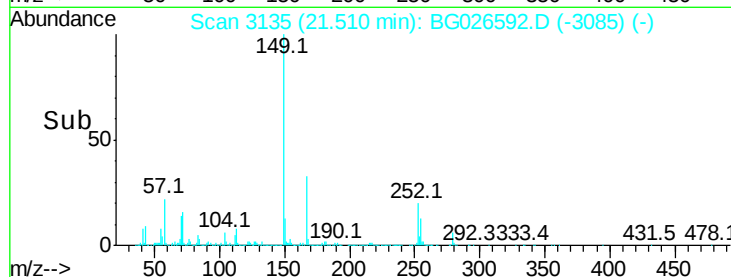
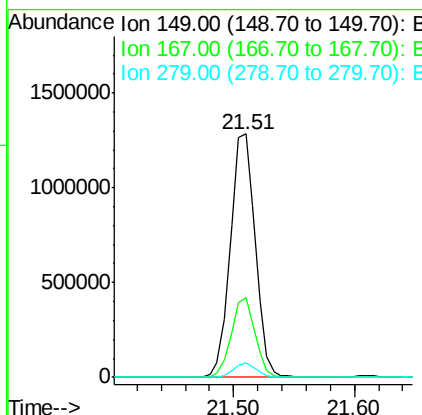
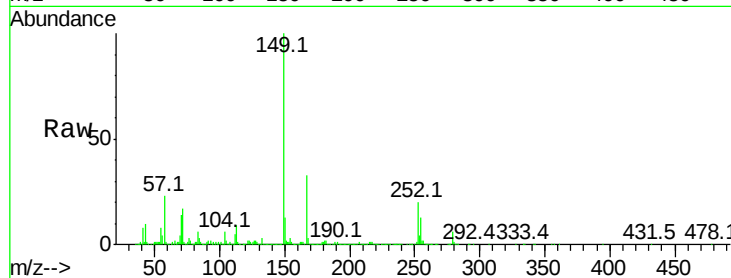




#83  
 Bis(2-ethylhexyl)phthalate  
 Concen: 49.68 ng  
 RT: 21.51 min Scan# 3135  
 Delta R.T. -0.00 min  
 Lab File: BG026592.D  
 Acq: 7 Apr 2017 8:32

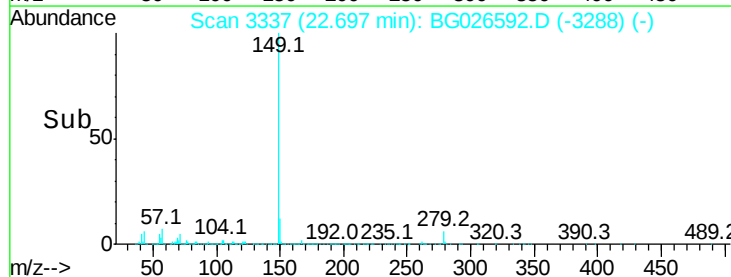
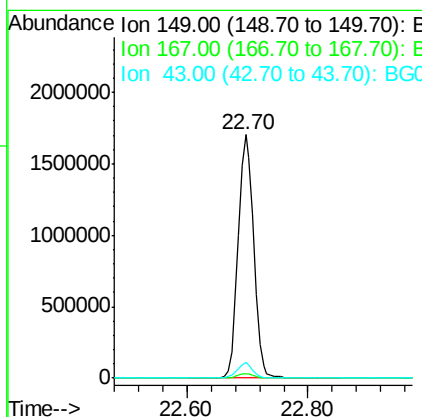
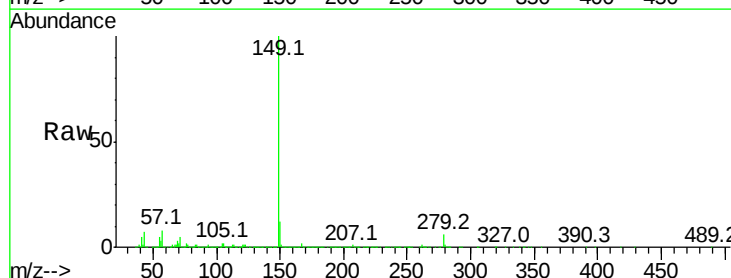
Instrument :  
 BNA\_G  
 ClientSampleId :  
 B45-S1(0-2)MSD

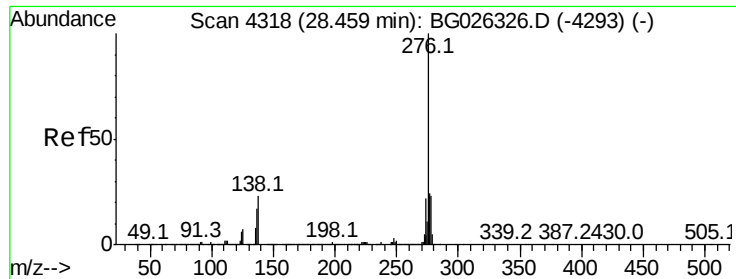
Tot Ion:149 Resp: 1838468  
 Ion Ratio Lower Upper  
 149 100  
 167 33.0 23.7 35.5  
 279 5.9 4.6 6.8



#84  
 Di-n-octyl phthalate  
 Concen: 48.41 ng  
 RT: 22.70 min Scan# 3337  
 Delta R.T. -0.01 min  
 Lab File: BG026592.D  
 Acq: 7 Apr 2017 8:32

Tgt Ion:149 Resp: 3056940  
 Ion Ratio Lower Upper  
 149 100  
 167 1.8 1.4 2.2  
 43 5.8 11.8 17.6#

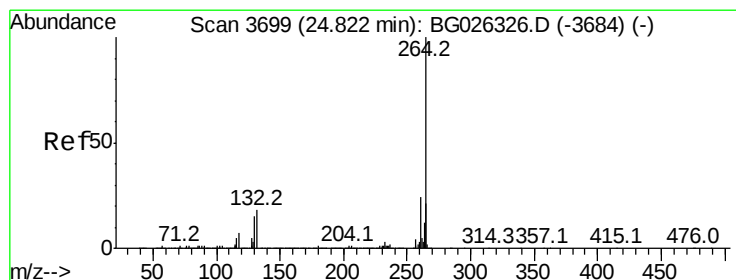
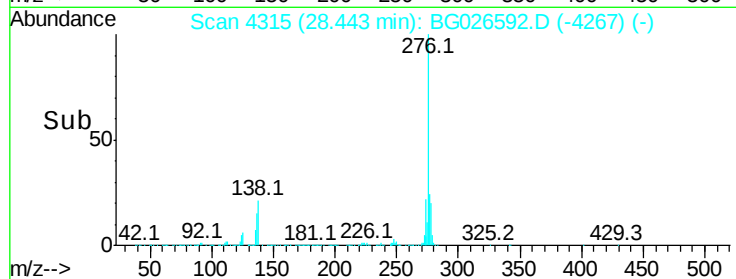
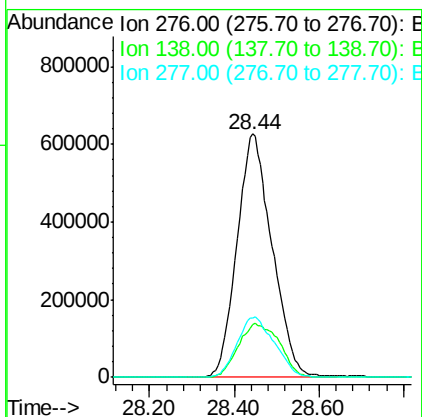
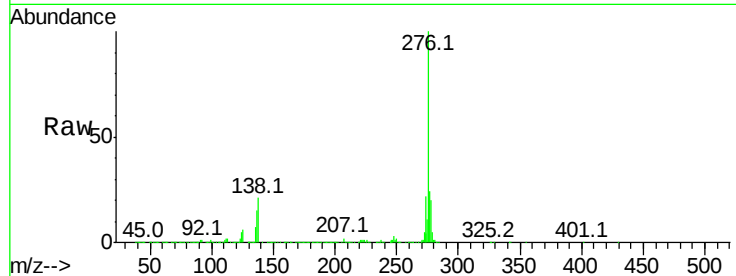




#85  
 Indeno(1,2,3-cd)pyrene  
 Concen: 51.37 ng  
 RT: 28.44 min Scan# 4315  
 Delta R.T. -0.02 min  
 Lab File: BG026592.D  
 Acq: 7 Apr 2017 8:32

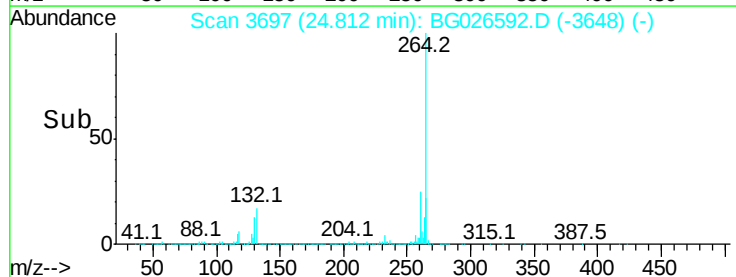
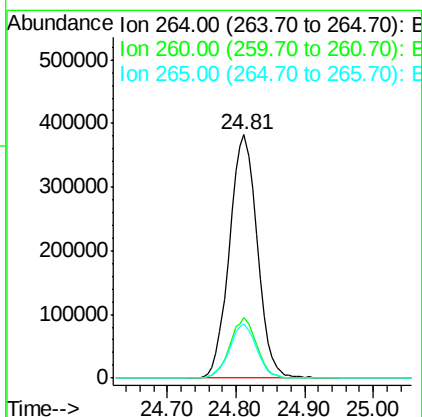
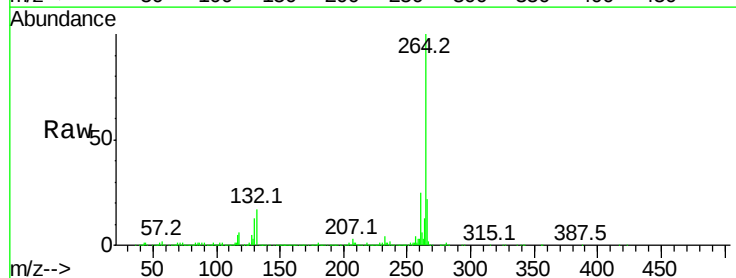
Instrument :  
 BNA\_G  
 ClientSampleId :  
 B45-S1(0-2)MSD

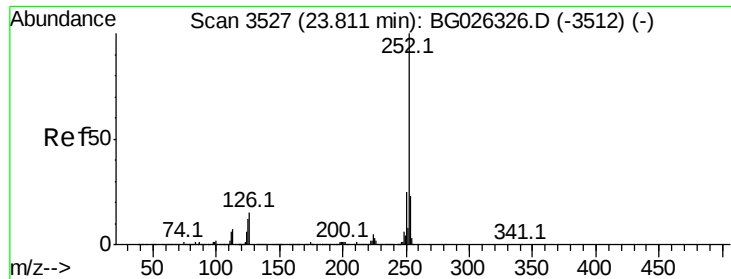
Tot Ion:276 Resp: 3606200  
 Ion Ratio Lower Upper  
 276 100  
 138 26.0 4.7 7.1#  
 277 26.4 20.6 31.0



#86  
 Perylene-d12  
 Concen: 20.00 ng  
 RT: 24.81 min Scan# 3697  
 Delta R.T. -0.01 min  
 Lab File: BG026592.D  
 Acq: 7 Apr 2017 8:32

Tgt Ion:264 Resp: 1078844  
 Ion Ratio Lower Upper  
 264 100  
 260 24.8 21.8 32.8  
 265 22.1 18.2 27.4





#87

Benzo(b)fluoranthene

Concen: 47.89 ng

RT: 23.81 min Scan# 3526

Delta R.T. -0.00 min

Lab File: BG026592.D

Acq: 7 Apr 2017 8:32

Instrument :

BNA\_G

ClientSampleId :

B45-S1(0-2)MSD

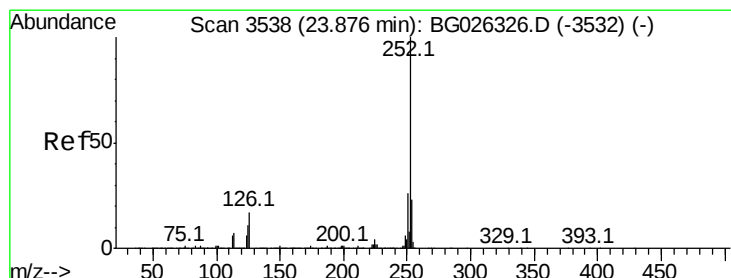
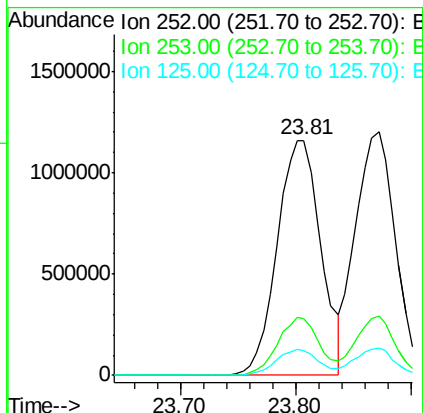
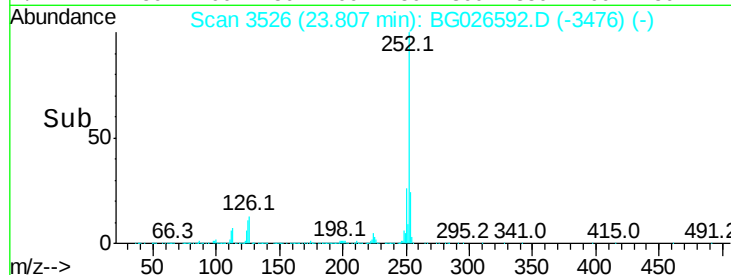
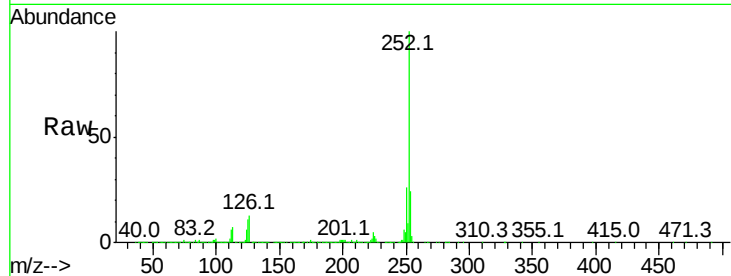
Tot Ion:252 Resp: 3045611

Ion Ratio Lower Upper

252 100

253 24.4 18.7 28.1

125 10.6 5.3 7.9#



#88

Benzo(k)fluoranthene

Concen: 47.23 ng

RT: 23.87 min Scan# 3537

Delta R.T. -0.00 min

Lab File: BG026592.D

Acq: 7 Apr 2017 8:32

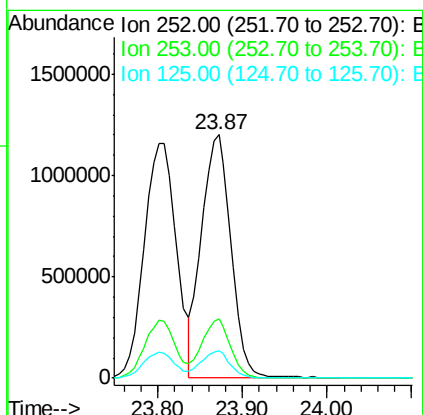
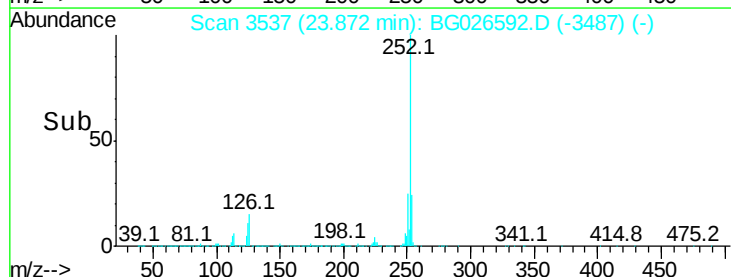
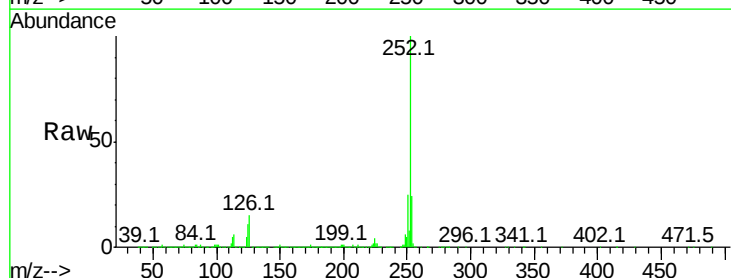
Tgt Ion:252 Resp: 2912799

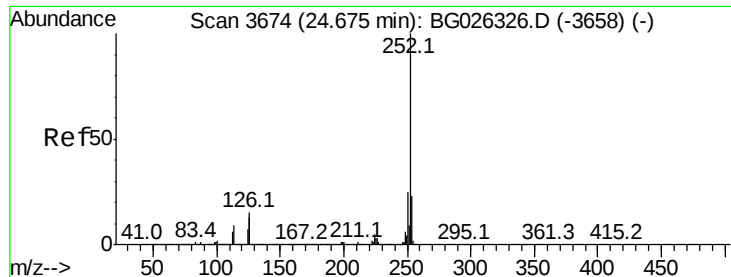
Ion Ratio Lower Upper

252 100

253 24.2 20.2 30.2

125 11.1 5.1 7.7#

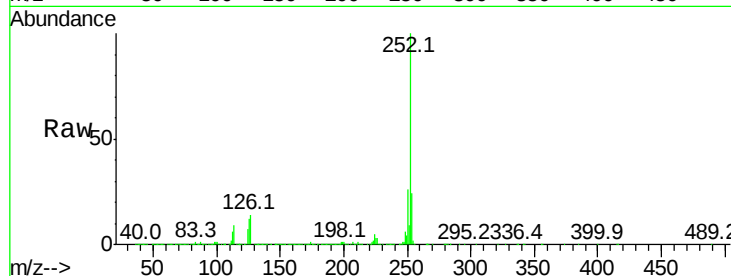




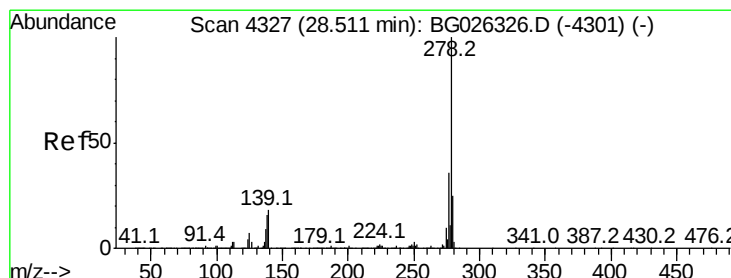
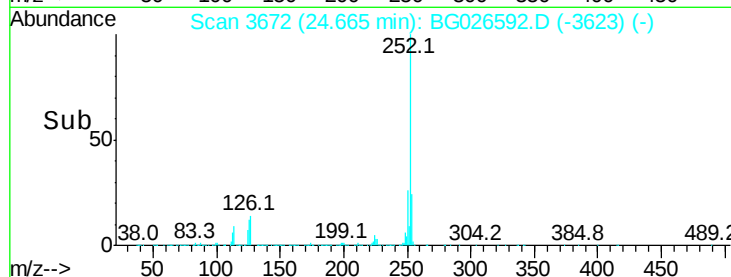
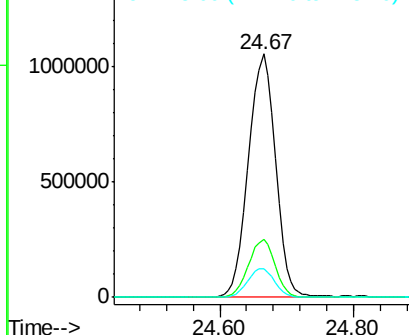
#89  
Benzo(a)pyrene  
Concen: 48.20 ng  
RT: 24.67 min Scan# 3672  
Delta R.T. -0.01 min  
Lab File: BG026592.D  
Acq: 7 Apr 2017 8:32

Instrument :  
BNA\_G  
ClientSampleId :  
B45-S1(0-2)MSD

Tot Ion:252 Resp: 2940068  
Ion Ratio Lower Upper  
252 100  
253 23.7 19.2 28.8  
125 11.8 5.4 8.0#

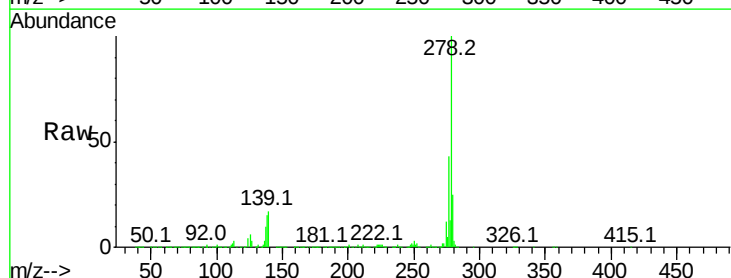


Abundance Ion 252.00 (251.70 to 252.70): E  
Ion 253.00 (252.70 to 253.70): E  
Ion 125.00 (124.70 to 125.70): E

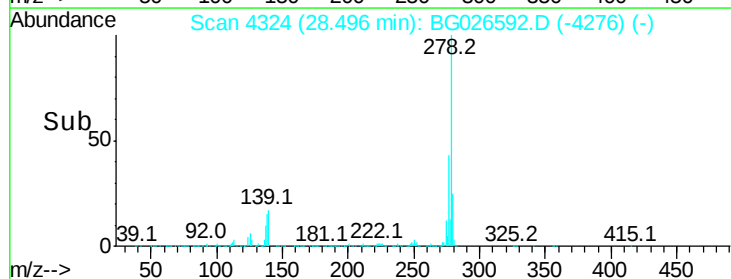
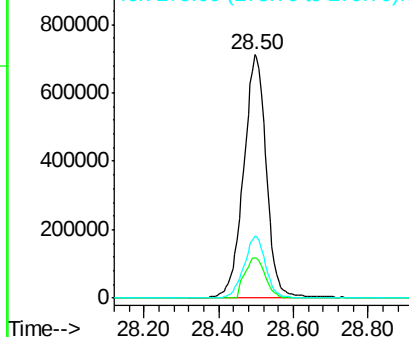


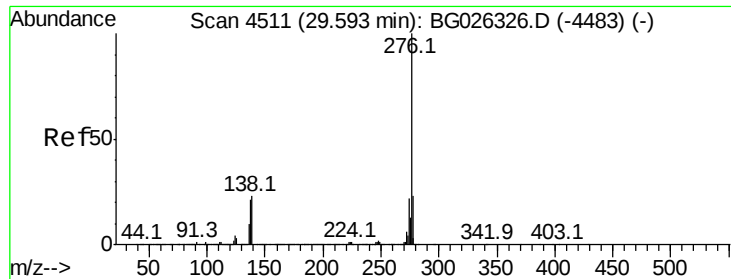
#90  
Dibenzo(a,h)anthracene  
Concen: 48.84 ng  
RT: 28.50 min Scan# 4324  
Delta R.T. -0.02 min  
Lab File: BG026592.D  
Acq: 7 Apr 2017 8:32

Tgt Ion:278 Resp: 3011131  
Ion Ratio Lower Upper  
278 100  
139 16.7 7.7 11.5#  
279 25.2 19.1 28.7



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: 48.42 ng

RT: 29.58 min Scan# 4509

Delta R.T. -0.01 min

Lab File: BG026592.D

Acq: 7 Apr 2017 8:32

Instrument :

BNA\_G

ClientSampleId :

B45-S1(0-2)MSD

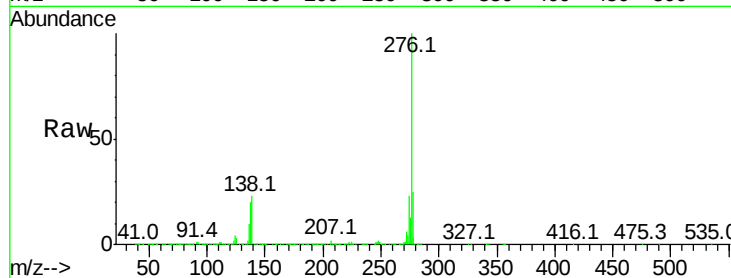
Tot Ion:276 Resp: 3007564

Ion Ratio Lower Upper

276 100

277 24.6 18.6 27.8

138 22.6 8.1 12.1#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

