

Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG062117\  
 Data File : BG027560.D  
 Acq On : 21 Jun 2017 14:51  
 Operator : SJ/JU  
 Sample : SSTDICC010  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDICC010

Quant Time: Jun 21 16:53:03 2017  
 Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\8270-BG062117.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jun 21 16:50:58 2017  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.51  | 152  | 22184    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 11.33 | 136  | 110222   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 15.09 | 164  | 69997    | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 17.84 | 188  | 187619   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 22.21 | 240  | 211489   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 25.85 | 264  | 197396   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |        |       |    |      |
|--------------------------|-------|-----|--------|-------|----|------|
| 5) 2-Fluorophenol        | 6.09  | 112 | 30800  | 21.19 | ng | 0.00 |
| 7) Phenol-d6             | 7.64  | 99  | 43606  | 20.43 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 9.67  | 82  | 44066  | 25.14 | ng | 0.00 |
| 41) 2,4,6-Tribromophenol | 16.57 | 330 | 20008  | 21.71 | ng | 0.00 |
| 44) 2-Fluorobiphenyl     | 13.71 | 172 | 98762  | 19.74 | ng | 0.00 |
| 78) Terphenyl-d14        | 20.42 | 244 | 178323 | 21.51 | ng | 0.00 |

## Target Compounds

|                                |       |     |       |        |    | Qvalue |
|--------------------------------|-------|-----|-------|--------|----|--------|
| 2) 1,4-Dioxane                 | 4.09  | 88  | 6473  | 10.738 | ng | 88     |
| 3) Pyridine                    | 4.48  | 79  | 18038 | 9.707  | ng | # 84   |
| 4) n-Nitrosodimethylamine      | 4.39  | 42  | 9232  | 13.418 | ng | # 91   |
| 6) Aniline                     | 7.83  | 93  | 26752 | 9.955  | ng | 95     |
| 8) 2-Chlorophenol              | 8.07  | 128 | 16163 | 10.529 | ng | 97     |
| 9) Benzaldehyde                | 7.65  | 77  | 17632 | 11.950 | ng | 95     |
| 10) Phenol                     | 7.67  | 94  | 23121 | 10.595 | ng | 89     |
| 11) bis(2-Chloroethyl)ether    | 7.91  | 93  | 18763 | 10.480 | ng | 92     |
| 12) 1,3-Dichlorobenzene        | 8.39  | 146 | 17504 | 10.110 | ng | 98     |
| 13) 1,4-Dichlorobenzene        | 8.54  | 146 | 17949 | 10.101 | ng | 94     |
| 14) 1,2-Dichlorobenzene        | 8.86  | 146 | 17016 | 9.818  | ng | 96     |
| 15) Benzyl Alcohol             | 8.73  | 79  | 17663 | 11.747 | ng | 92     |
| 16) 2,2'-oxybis(1-Chloropropan | 9.01  | 45  | 31371 | 12.246 | ng | 91     |
| 17) 2-Methylphenol             | 8.92  | 107 | 15538 | 10.072 | ng | 93     |
| 18) Hexachloroethane           | 9.59  | 117 | 7011  | 11.713 | ng | 88     |
| 19) n-Nitroso-di-n-propylamine | 9.29  | 70  | 17735 | 11.880 | ng | 93     |
| 20) 3+4-Methylphenols          | 9.25  | 107 | 21382 | 10.006 | ng | 92     |
| 22) Acetophenone               | 9.32  | 105 | 29775 | 10.563 | ng | # 87   |
| 24) Nitrobenzene               | 9.71  | 77  | 24816 | 12.428 | ng | 99     |
| 25) Isophorone                 | 10.23 | 82  | 45566 | 11.057 | ng | 96     |
| 26) 2-Nitrophenol              | 10.43 | 139 | 7811  | 10.511 | ng | 93     |
| 27) 2,4-Dimethylphenol         | 10.46 | 122 | 16833 | 9.500  | ng | 96     |
| 28) bis(2-Chloroethoxy)methane | 10.70 | 93  | 26438 | 9.907  | ng | 95     |
| 29) 2,4-Dichlorophenol         | 10.96 | 162 | 13992 | 8.650  | ng | 96     |
| 30) 1,2,4-Trichlorobenzene     | 11.18 | 180 | 17727 | 9.897  | ng | 97     |
| 31) Naphthalene                | 11.37 | 128 | 59354 | 9.853  | ng | 98     |
| 32) Benzoic acid               | 10.52 | 122 | 6254  | 5.781  | ng | 94     |
| 33) 4-Chloroaniline            | 11.47 | 127 | 23619 | 9.409  | ng | 95     |
| 34) Hexachlorobutadiene        | 11.65 | 225 | 10670 | 9.693  | ng | 98     |
| 35) Caprolactam                | 12.22 | 113 | 7057  | 12.720 | ng | 96     |
| 36) 4-Chloro-3-methylphenol    | 12.55 | 107 | 22196 | 10.948 | ng | 97     |
| 37) 2-Methylnaphthalene        | 12.94 | 142 | 40784 | 9.281  | ng | 96     |
| 39) 1,2,4,5-Tetrachlorobenzene | 13.30 | 216 | 20821 | 9.548  | ng | 98     |
| 40) Hexachlorocyclopentadiene  | 13.28 | 237 | 9624  | 8.292  | ng | 96     |

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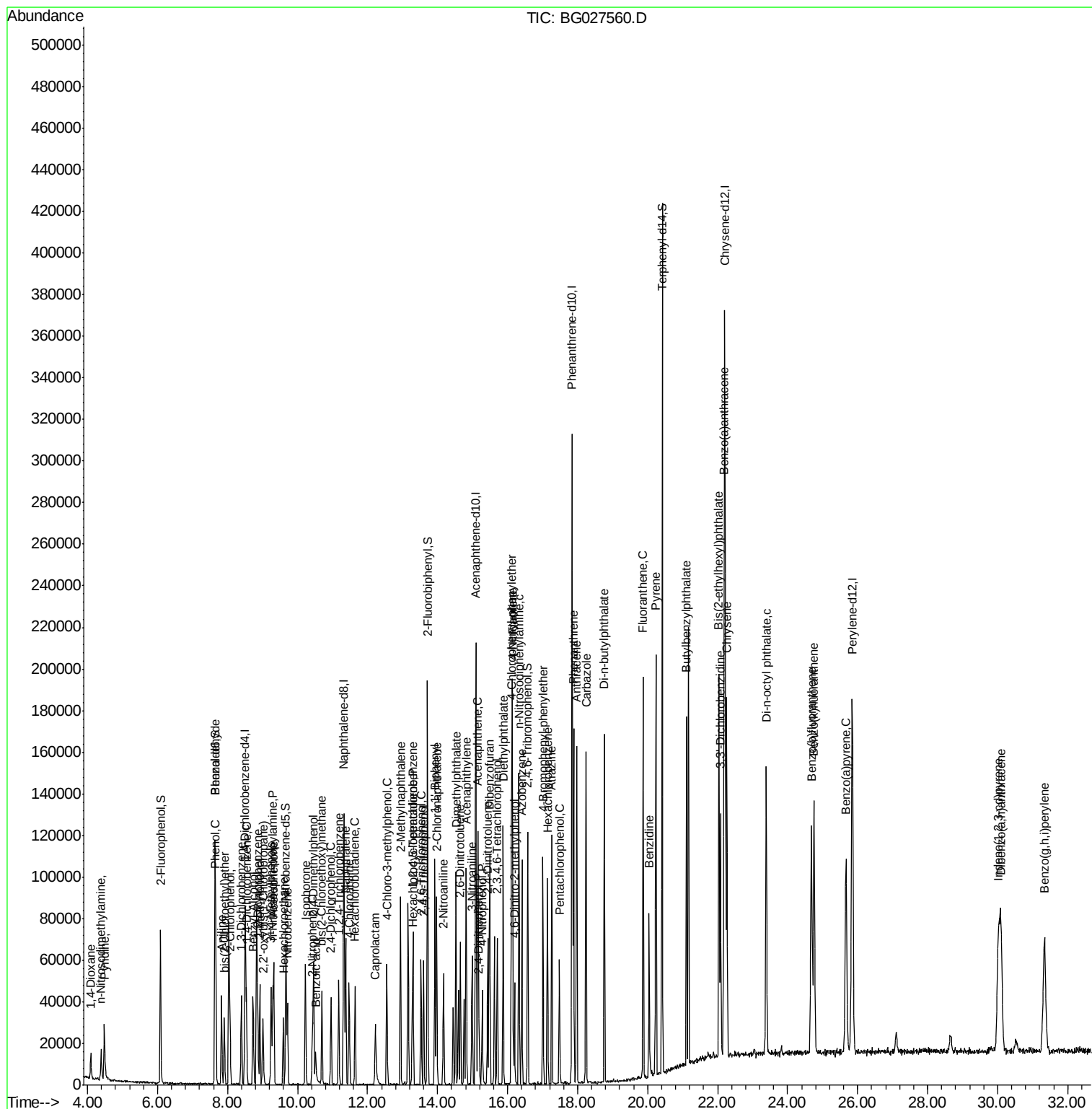
| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 13.53 | 196  | 13151    | 9.943  | ng    | 94       |
| 43) 2,4,5-Trichlorophenol      | 13.60 | 196  | 15598    | 10.539 | ng    | # 97     |
| 45) 1,1'-Biphenyl              | 13.92 | 154  | 56930    | 9.964  | ng    | 94       |
| 46) 2-Chloronaphthalene        | 13.98 | 162  | 41851    | 9.770  | ng    | 95       |
| 47) 2-Nitroaniline             | 14.17 | 65   | 17959    | 16.295 | ng    | 99       |
| 48) Acenaphthylene             | 14.82 | 152  | 74239    | 10.241 | ng    | 98       |
| 49) Dimethylphthalate          | 14.52 | 163  | 60964    | 10.979 | ng    | 96       |
| 50) 2,6-Dinitrotoluene         | 14.65 | 165  | 12291    | 11.882 | ng    | 97       |
| 51) Acenaphthene               | 15.15 | 154  | 50026    | 10.609 | ng    | 97       |
| 52) 3-Nitroaniline             | 14.99 | 138  | 13302    | 12.201 | ng    | 94       |
| 53) 2,4-Dinitrophenol          | 15.19 | 184  | 5996     | 14.793 | ng    | # 65     |
| 54) Dibenzofuran               | 15.49 | 168  | 68212    | 10.351 | ng    | 96       |
| 55) 4-Nitrophenol              | 15.27 | 139  | 10434    | 11.524 | ng    | # 77     |
| 56) 2,4-Dinitrotoluene         | 15.43 | 165  | 17615    | 13.503 | ng    | # 95     |
| 57) Fluorene                   | 16.13 | 166  | 64098    | 10.951 | ng    | 95       |
| 58) 2,3,4,6-Tetrachlorophenol  | 15.71 | 232  | 14188    | 10.739 | ng    | # 92     |
| 59) Diethylphthalate           | 15.87 | 149  | 67064    | 12.109 | ng    | 93       |
| 60) 4-Chlorophenyl-phenylether | 16.12 | 204  | 30897    | 10.480 | ng    | 93       |
| 61) 4-Nitroaniline             | 16.14 | 138  | 15026    | 13.630 | ng    | 87       |
| 62) Azobenzene                 | 16.41 | 77   | 67404    | 13.131 | ng    | 96       |
| 64) 4,6-Dinitro-2-methylphenol | 16.20 | 198  | 9559     | 12.475 | ng    | 76       |
| 65) n-Nitrosodiphenylamine     | 16.33 | 169  | 52916    | 8.996  | ng    | 98       |
| 66) 4-Bromophenyl-phenylether  | 17.01 | 248  | 19190    | 8.642  | ng    | # 90     |
| 67) Hexachlorobenzene          | 17.14 | 284  | 20493    | 8.580  | ng    | 97       |
| 68) Atrazine                   | 17.27 | 200  | 20872    | 10.611 | ng    | 95       |
| 69) Pentachlorophenol          | 17.48 | 266  | 11305    | 8.075  | ng    | 98       |
| 70) Phenanthrene               | 17.88 | 178  | 103965   | 9.849  | ng    | 92       |
| 71) Anthracene                 | 17.97 | 178  | 105562   | 9.982  | ng    | 96       |
| 72) Carbazole                  | 18.24 | 167  | 103767   | 10.403 | ng    | 95       |
| 73) Di-n-butylphthalate        | 18.76 | 149  | 113380   | 11.723 | ng    | # 95     |
| 74) Fluoranthene               | 19.88 | 202  | 123117   | 10.918 | ng    | 95       |
| 76) Benzidine                  | 20.05 | 184  | 48453    | 7.605  | ng    | 95       |
| 77) Pyrene                     | 20.23 | 202  | 127823   | 10.003 | ng    | 94       |
| 79) Butylbenzylphthalate       | 21.11 | 149  | 50778    | 11.246 | ng    | # 97     |
| 80) Benzo(a)anthracene         | 22.18 | 228  | 124052   | 10.286 | ng    | 92       |
| 81) 3,3'-Dichlorobenzidine     | 22.08 | 252  | 44043    | 9.387  | ng    | # 95     |
| 82) Chrysene                   | 22.26 | 228  | 116017   | 10.019 | ng    | 93       |
| 83) Bis(2-ethylhexyl)phthalate | 22.04 | 149  | 72879    | 10.681 | ng    | 98       |
| 84) Di-n-octyl phthalate       | 23.39 | 149  | 121276   | 10.731 | ng    | # 93     |
| 85) Indeno(1,2,3-cd)pyrene     | 30.02 | 276  | 130874   | 9.332  | ng    | # 95     |
| 87) Benzo(b)fluoranthene       | 24.68 | 252  | 121225   | 9.902  | ng    | # 96     |
| 88) Benzo(k)fluoranthene       | 24.75 | 252  | 119269   | 9.931  | ng    | # 92     |
| 89) Benzo(a)pyrene             | 25.67 | 252  | 111374   | 9.664  | ng    | # 92     |
| 90) Dibenzo(a,h)anthracene     | 30.10 | 278  | 115681   | 9.589  | ng    | # 97     |
| 91) Benzo(g,h,i)perylene       | 31.34 | 276  | 112554   | 9.634  | ng    | # 91     |

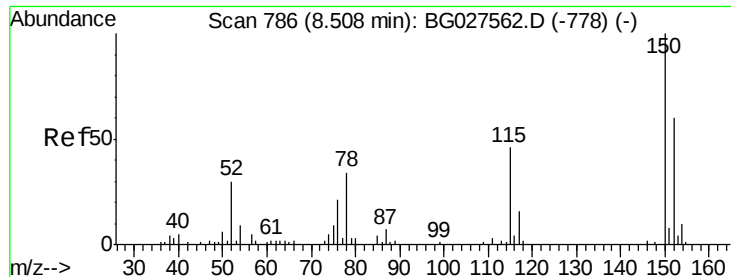
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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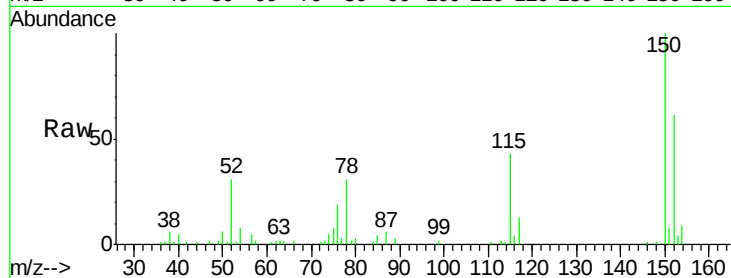


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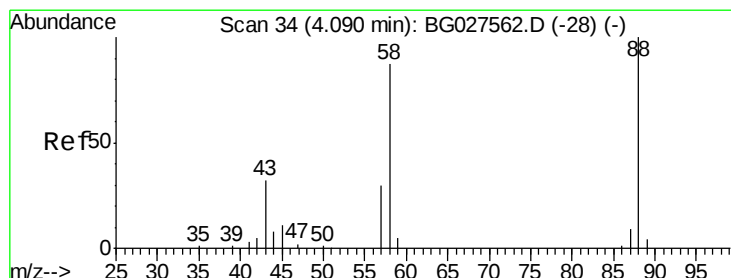
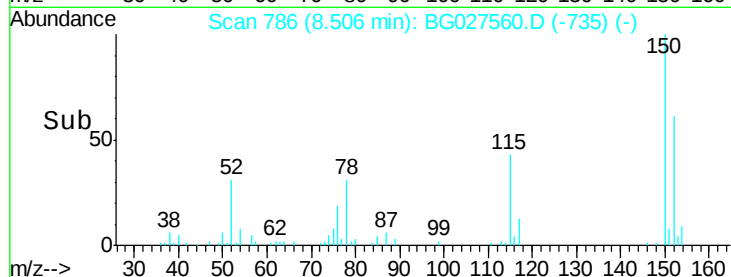
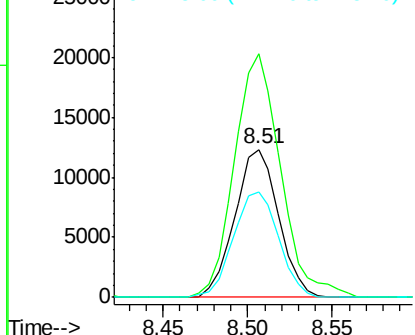
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.51 min Scan# 786  
Delta R.T. -0.00 min  
Lab File: BG027560.D  
Acq: 21 Jun 2017 14:51

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDIC010

Tgt Ion:152 Resp: 22184  
Ion Ratio Lower Upper  
152 100  
150 164.8 114.0 171.0  
115 71.6 48.1 72.1



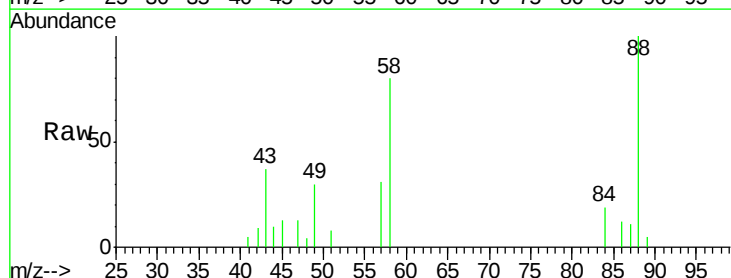
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



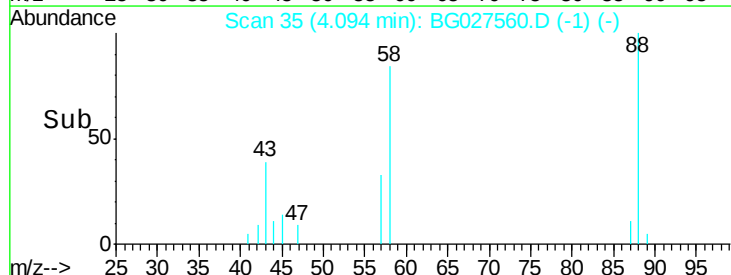
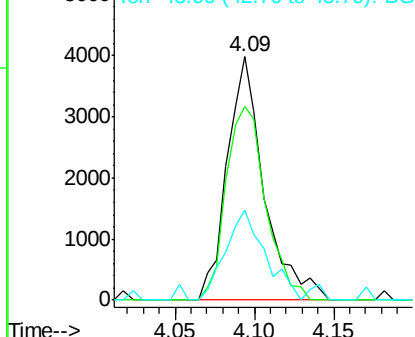
#2

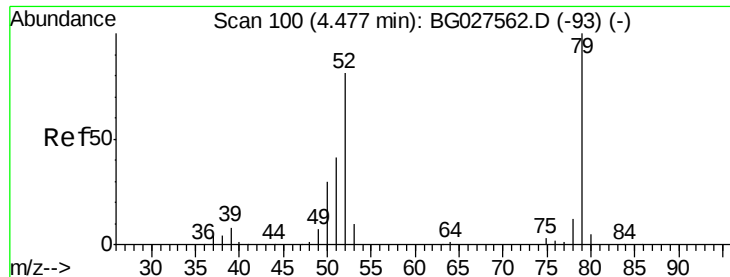
1,4-Dioxane  
Concen: 10.738 ng  
RT: 4.09 min Scan# 35  
Delta R.T. 0.00 min  
Lab File: BG027560.D  
Acq: 21 Jun 2017 14:51

Tgt Ion: 88 Resp: 6473  
Ion Ratio Lower Upper  
88 100  
58 84.5 79.4 119.2  
43 39.4 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

Pyridine

Concen: 9.707 ng

RT: 4.48 min Scan# 101

Delta R.T. 0.00 min

Lab File: BG027560.D

Acq: 21 Jun 2017 14:51

Instrument :

BNA\_G

ClientSampled :

SSTDICC010

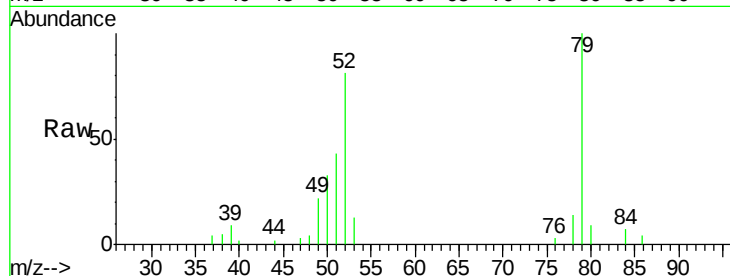
Tgt Ion: 79 Resp: 18038

Ion Ratio Lower Upper

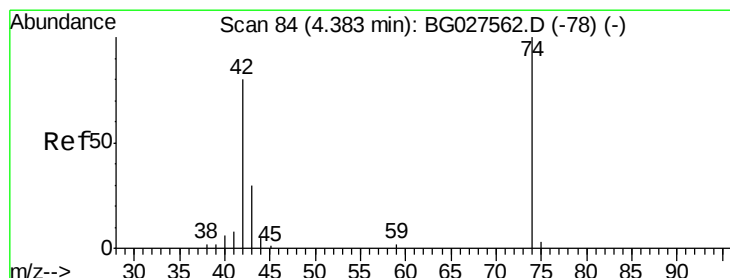
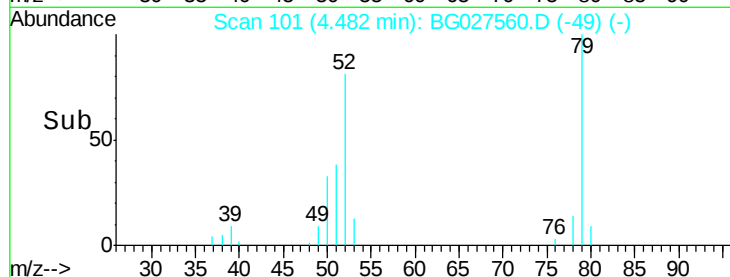
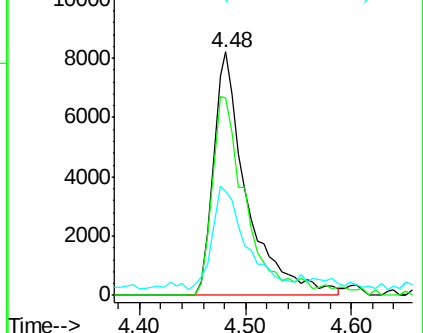
79 100

52 81.2 77.8 116.6

51 42.8 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: 13.418 ng

RT: 4.39 min Scan# 85

Delta R.T. 0.00 min

Lab File: BG027560.D

Acq: 21 Jun 2017 14:51

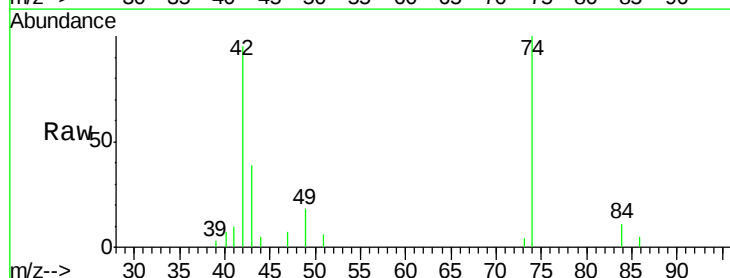
Tgt Ion: 42 Resp: 9232

Ion Ratio Lower Upper

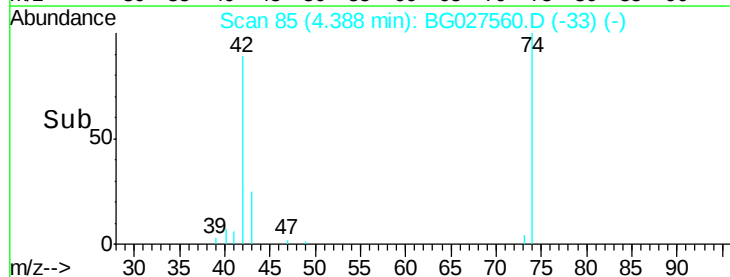
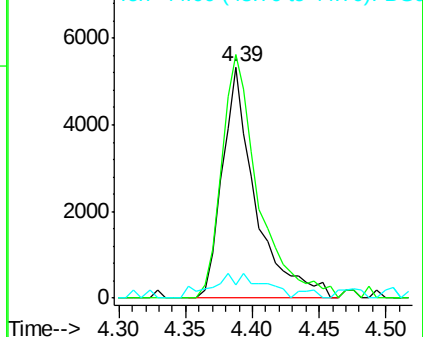
42 100

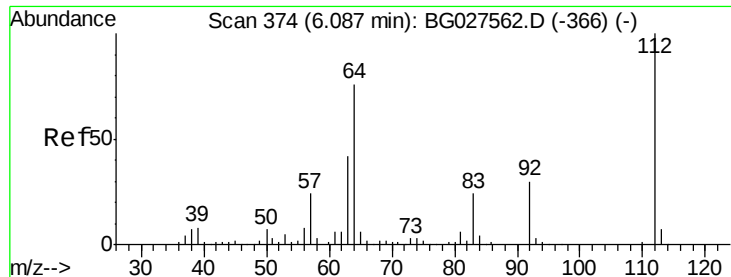
74 105.5 76.7 115.1

44 5.8 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: 21.186 ng

RT: 6.09 min Scan# 374

Delta R.T. -0.00 min

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Acq: 21 Jun 2017 14:51

Instrument :

BNA\_G

ClientSampleId :

SSTDICC010

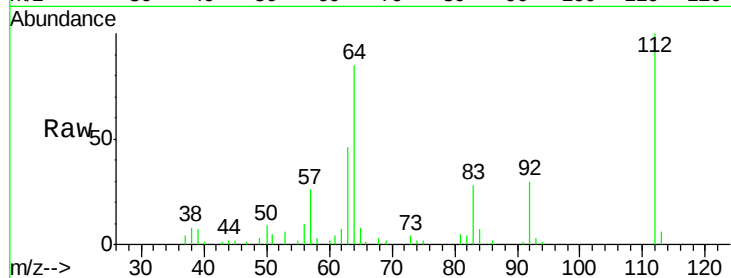
Tgt Ion: 112 Resp: 30800

Ion Ratio Lower Upper

112 100

64 84.9 61.8 92.6

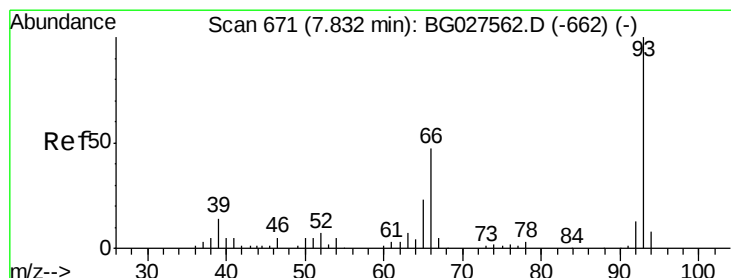
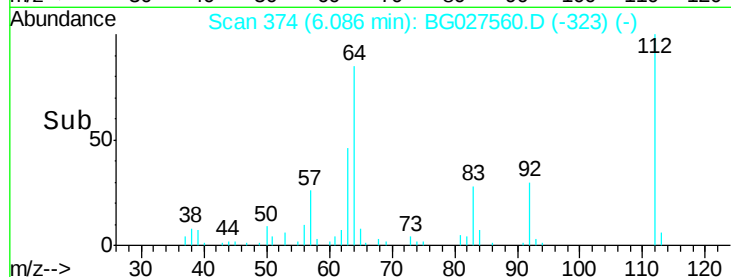
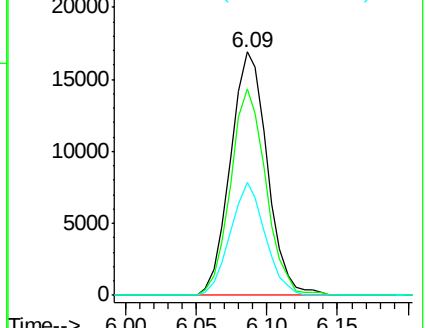
63 46.5 37.2 55.8



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: 9.955 ng

RT: 7.83 min Scan# 671

Delta R.T. -0.00 min

Lab File: BG027560.D

Acq: 21 Jun 2017 14:51

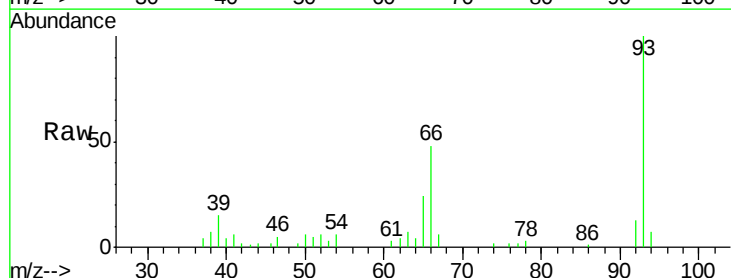
Tgt Ion: 93 Resp: 26752

Ion Ratio Lower Upper

93 100

66 47.7 35.4 53.2

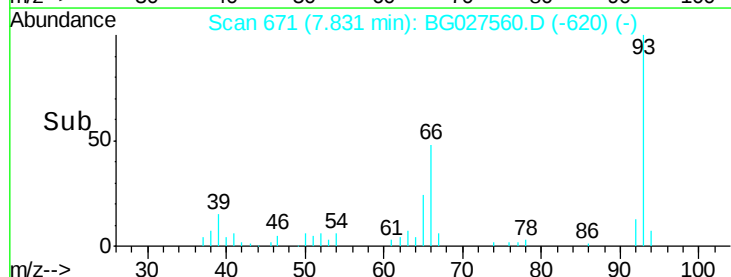
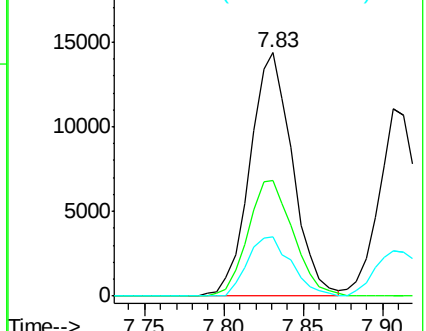
65 24.4 21.2 31.8

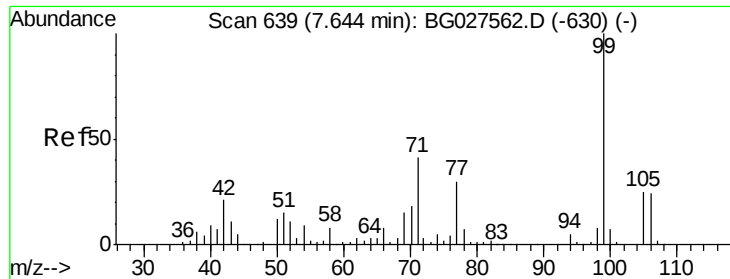


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 20.434 ng

RT: 7.64 min Scan# 639

Delta R.T. -0.00 min

Lab File: BG027560.D

Acq: 21 Jun 2017 14:51

Instrument :

BNA\_G

ClientSampleId :

SSTDIC010

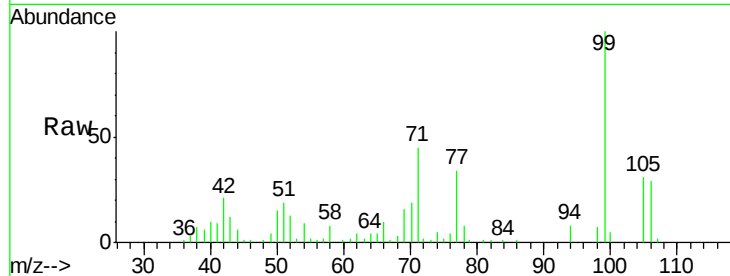
Tgt Ion: 99 Resp: 43606

Ion Ratio Lower Upper

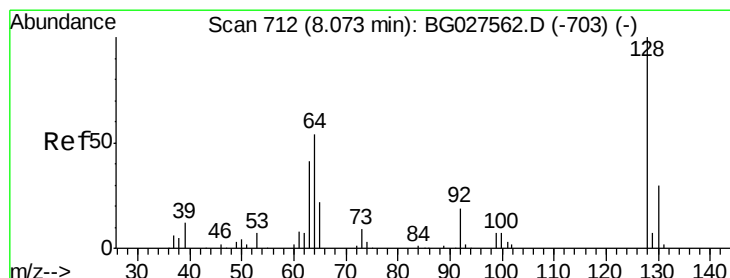
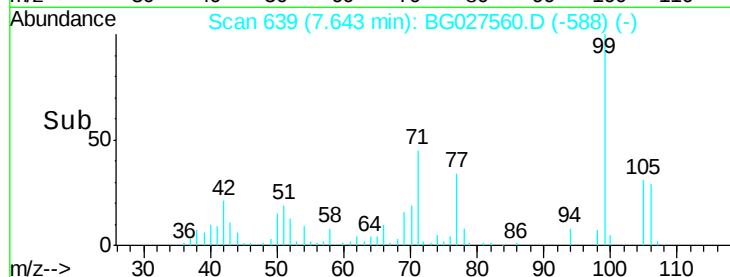
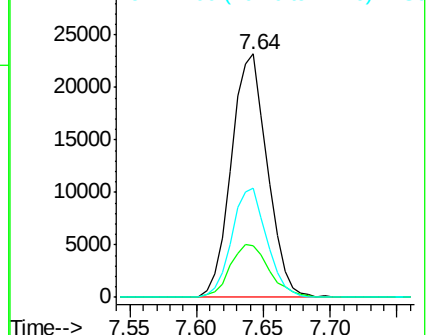
99 100

42 21.0 20.5 30.7

71 44.7 37.6 56.4



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



#8

2-Chlorophenol

Concen: 10.529 ng

RT: 8.07 min Scan# 712

Delta R.T. -0.00 min

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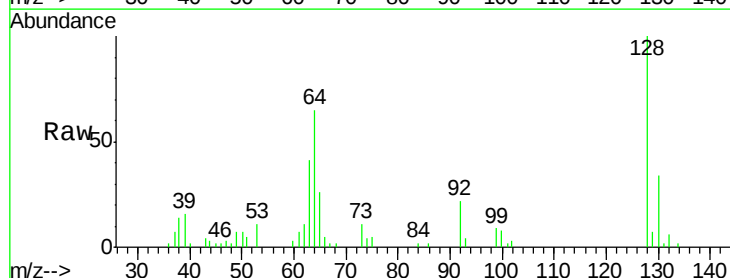
Tgt Ion: 128 Resp: 16163

Ion Ratio Lower Upper

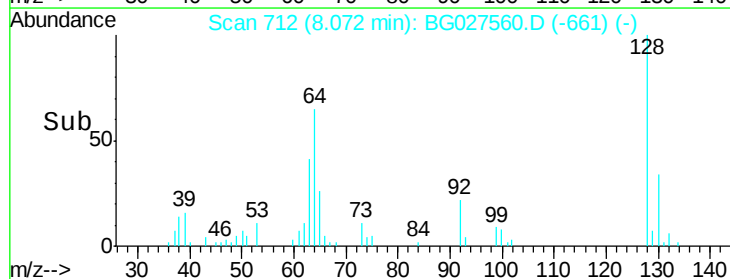
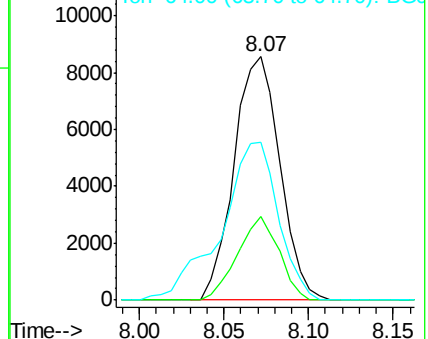
128 100

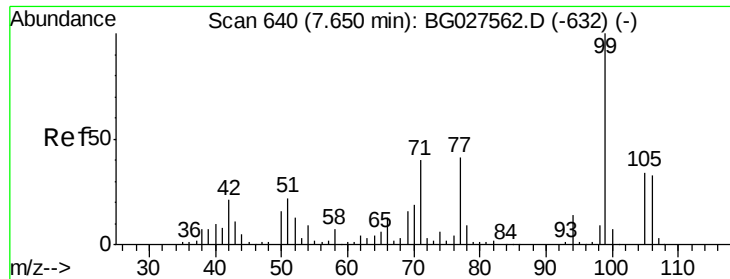
130 34.4 11.4 51.4

64 65.0 46.6 86.6



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





#9

Benzaldehyde

Concen: 11.950 ng

RT: 7.65 min Scan# 640

Delta R.T. -0.00 min

Lab File: BG027560.D

Acq: 21 Jun 2017 14:51

Instrument :

BNA\_G

ClientSampleId :

SSTDIC010

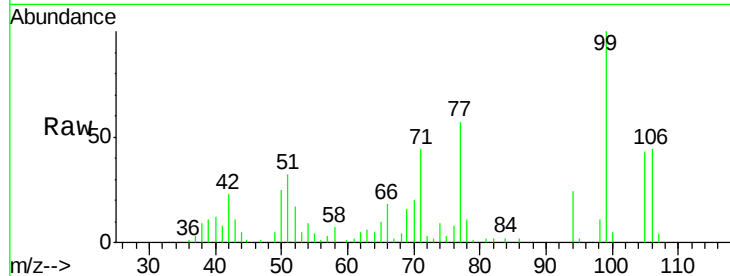
Tgt Ion: 77 Resp: 17632

Ion Ratio Lower Upper

77 100

105 74.3 60.9 100.9

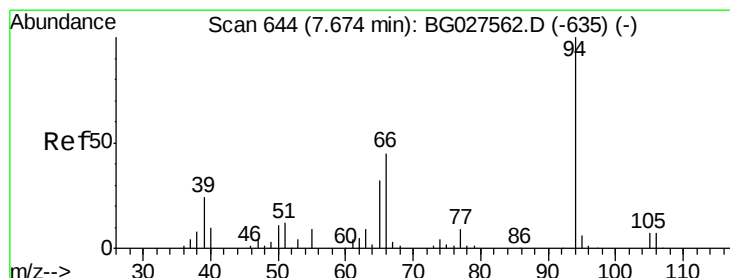
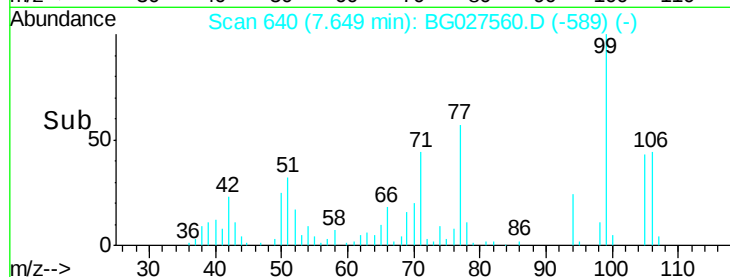
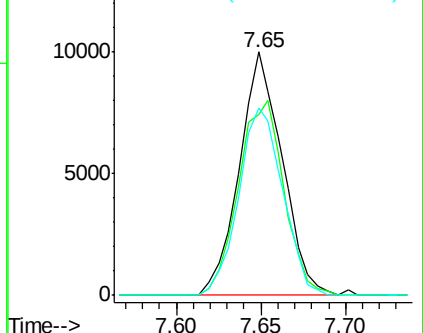
106 77.1 55.1 95.1



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 10.595 ng

RT: 7.67 min Scan# 643

Delta R.T. -0.01 min

Lab File: BG027560.D

Acq: 21 Jun 2017 14:51

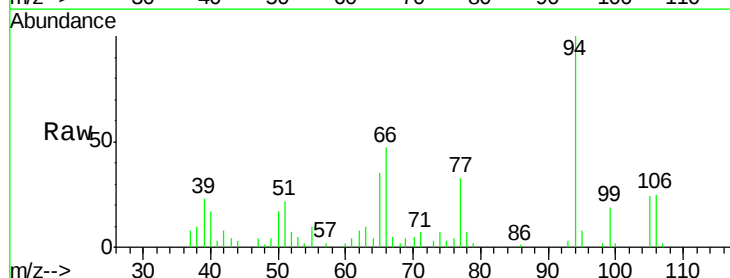
Tgt Ion: 94 Resp: 23121

Ion Ratio Lower Upper

94 100

65 35.1 20.6 60.6

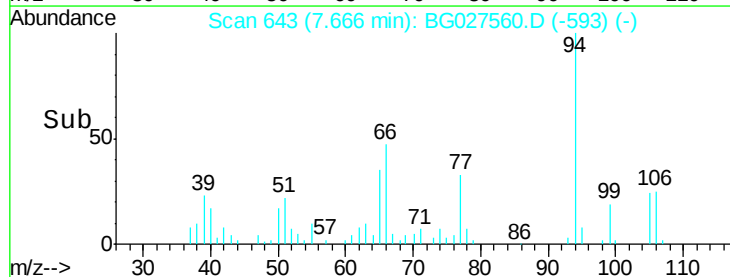
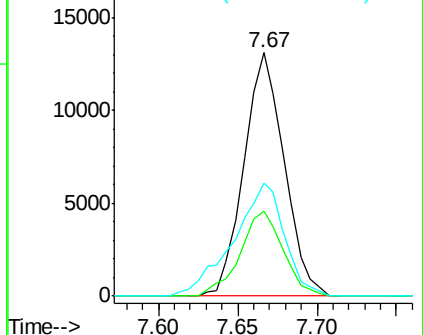
66 46.5 35.5 75.5

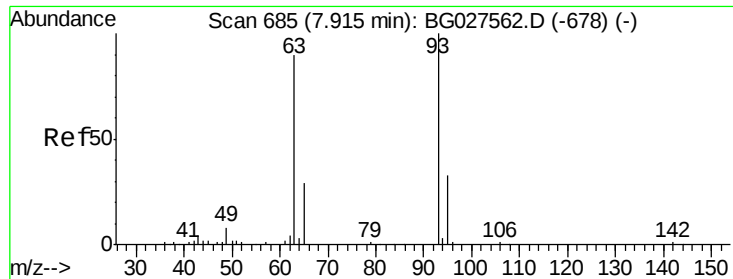


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC





#11

bis(2-Chloroethyl)ether

Concen: 10.480 ng

RT: 7.91 min Scan# 684

Delta R.T. -0.01 min

Lab File: BG027560.D

Acq: 21 Jun 2017 14:51

Instrument :

BNA\_G

ClientSampleId :

SSTDIC010

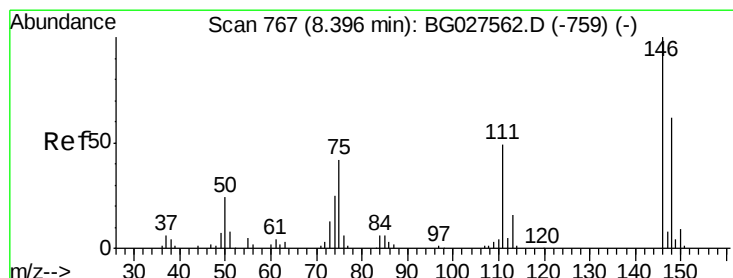
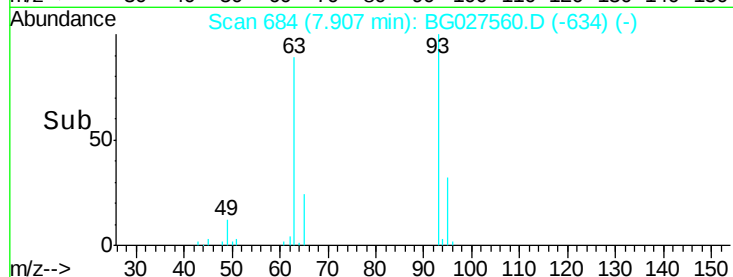
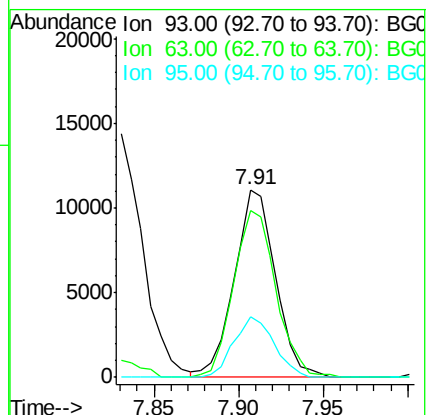
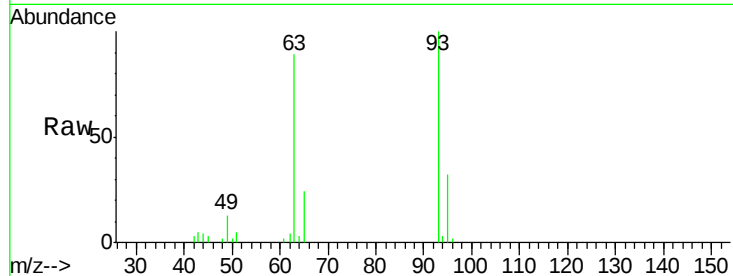
Tgt Ion: 93 Resp: 18763

Ion Ratio Lower Upper

93 100

63 89.0 78.5 118.5

95 32.0 9.8 49.8



#12

1,3-Dichlorobenzene

Concen: 10.110 ng

RT: 8.39 min Scan# 767

Delta R.T. -0.00 min

Lab File: BG027560.D

Acq: 21 Jun 2017 14:51

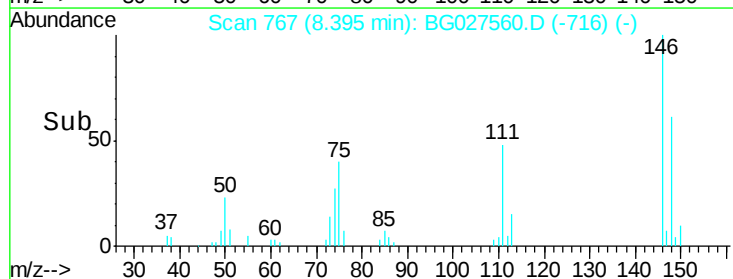
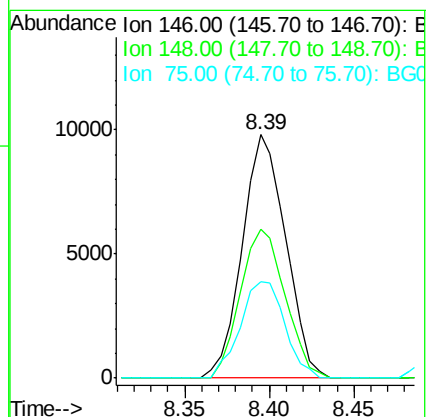
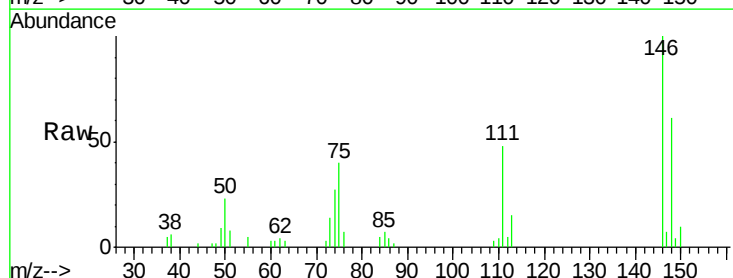
Tgt Ion: 146 Resp: 17504

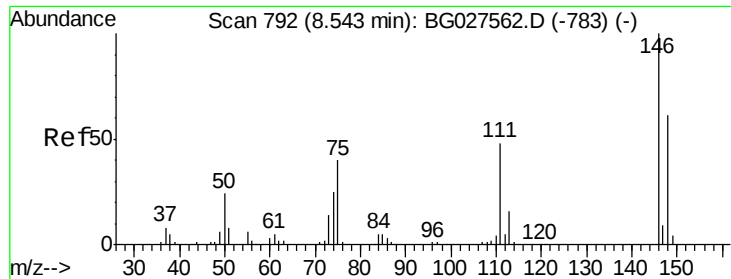
Ion Ratio Lower Upper

146 100

148 61.2 49.2 73.8

75 39.7 33.4 50.2

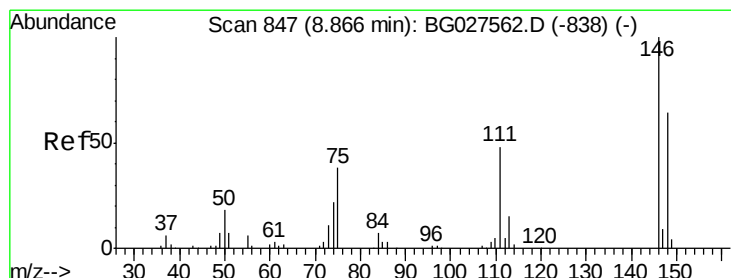
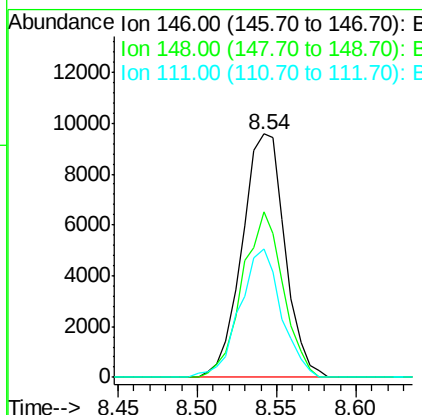
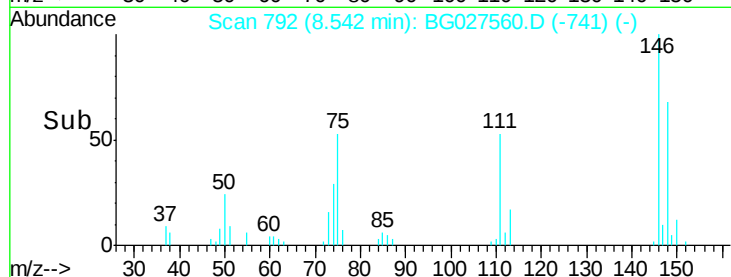
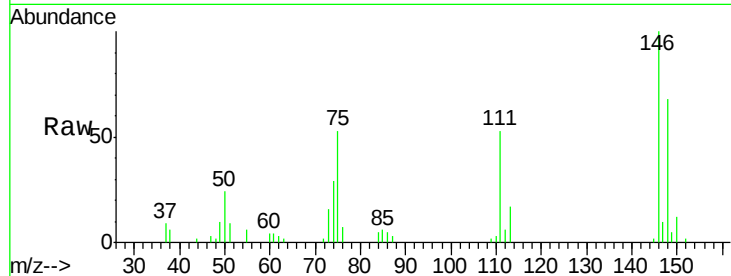




#13  
 1,4-Dichlorobenzene  
 Concen: 10.101 ng  
 RT: 8.54 min Scan# 792  
 Delta R.T. -0.00 min  
 Lab File: BG027560.D  
 Acq: 21 Jun 2017 14:51

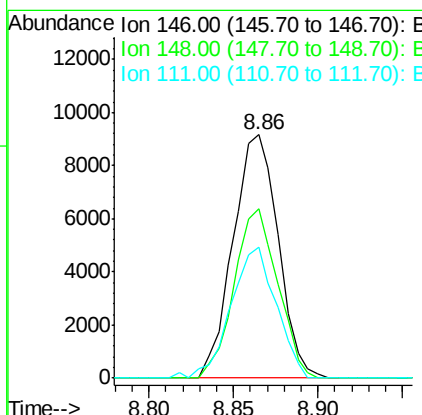
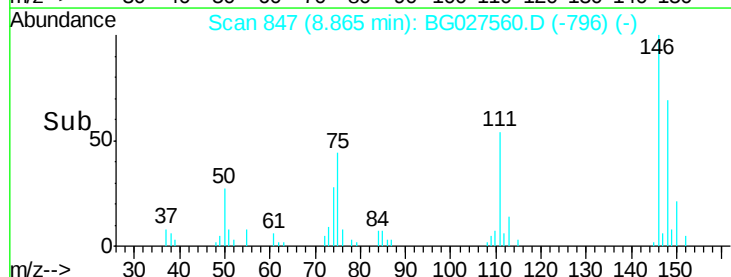
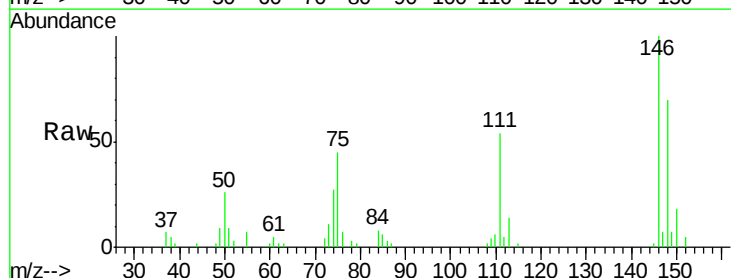
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDICC010

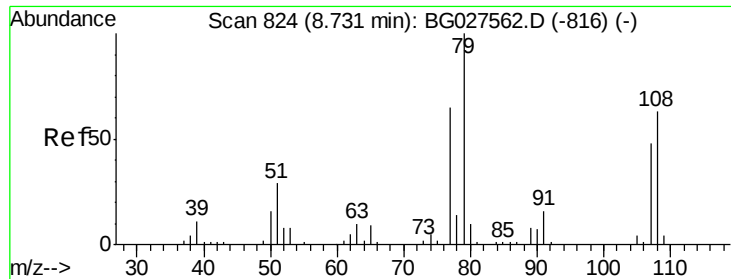
Tgt Ion:146 Resp: 17949  
 Ion Ratio Lower Upper  
 146 100  
 148 67.8 52.2 78.2  
 111 52.9 37.0 55.6



#14  
 1,2-Dichlorobenzene  
 Concen: 9.818 ng  
 RT: 8.86 min Scan# 847  
 Delta R.T. -0.00 min  
 Lab File: BG027560.D  
 Acq: 21 Jun 2017 14:51

Tgt Ion:146 Resp: 17016  
 Ion Ratio Lower Upper  
 146 100  
 148 69.8 54.6 81.8  
 111 54.0 39.7 59.5





#15

Benzyl Alcohol

Concen: 11.747 ng

RT: 8.73 min Scan# 824

Delta R.T. -0.00 min

Lab File: BG027560.D

Acq: 21 Jun 2017 14:51

Instrument :

BNA\_G

ClientSampleId :

SSTDICC010

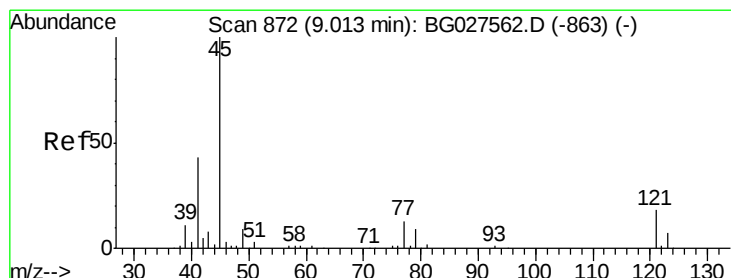
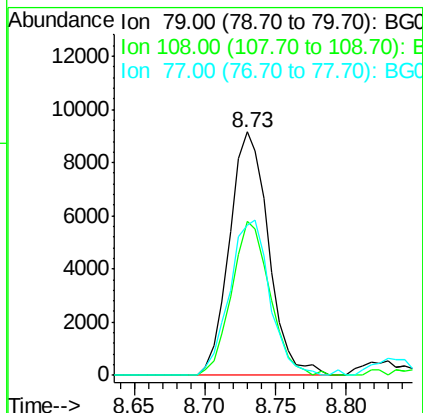
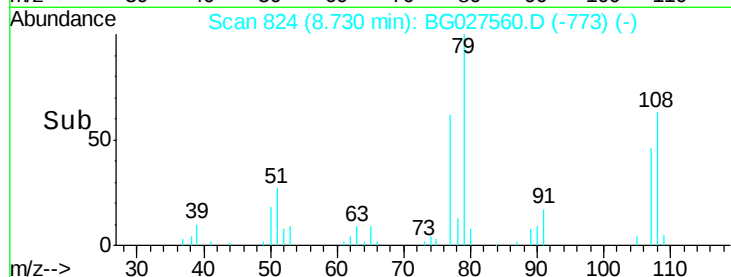
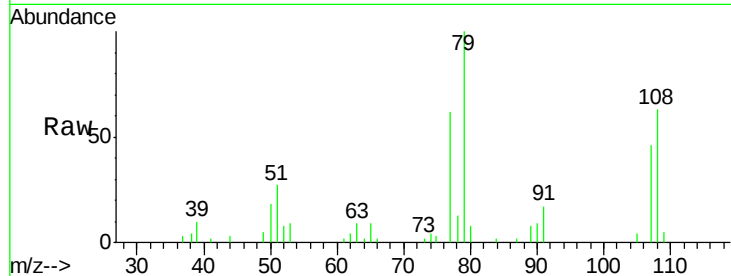
Tgt Ion: 79 Resp: 17663

Ion Ratio Lower Upper

79 100

108 63.4 45.5 68.3

77 61.9 54.3 81.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 12.246 ng

RT: 9.01 min Scan# 872

Delta R.T. -0.00 min

Lab File: BG027560.D

Acq: 21 Jun 2017 14:51

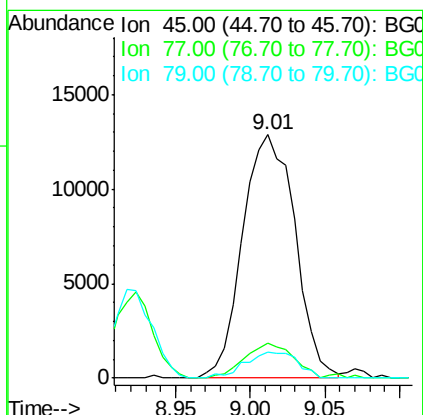
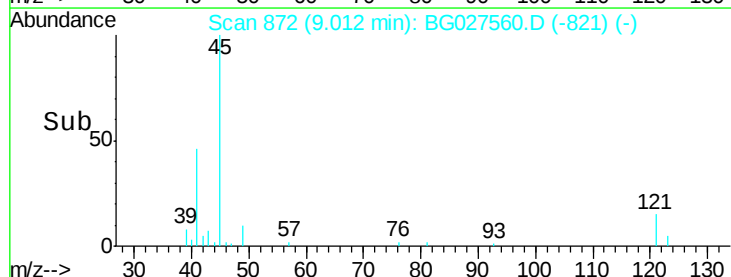
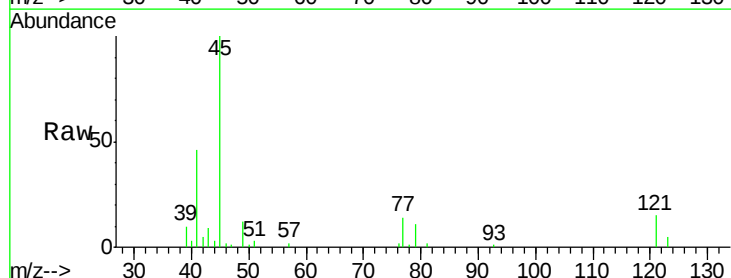
Tgt Ion: 45 Resp: 31371

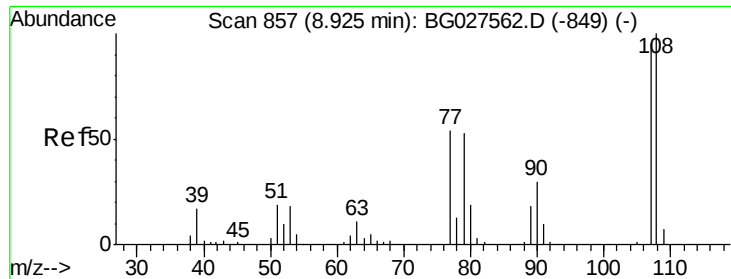
Ion Ratio Lower Upper

45 100

77 14.4 0.0 30.6

79 10.9 0.0 28.5

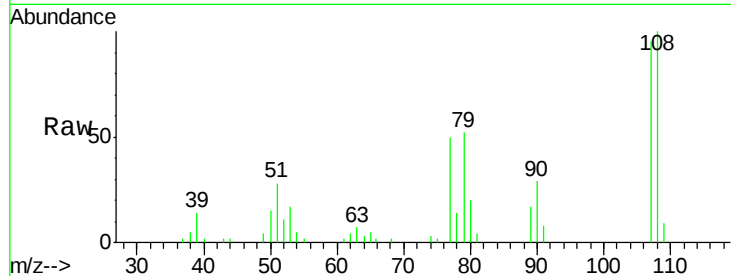




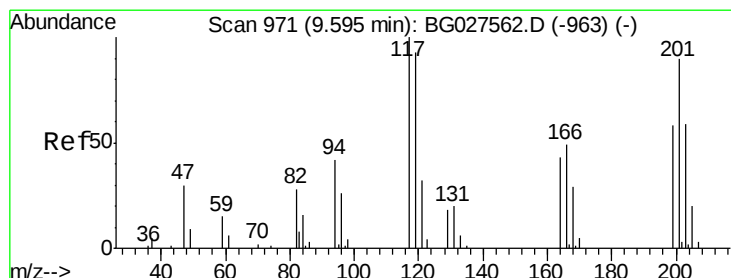
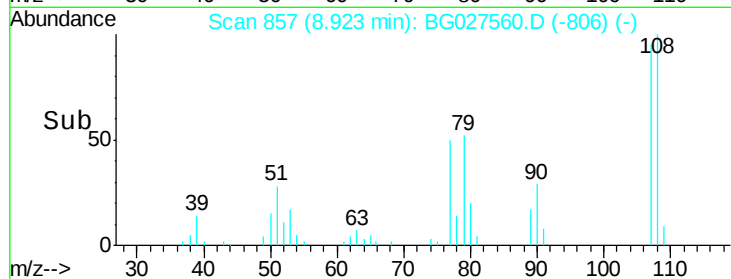
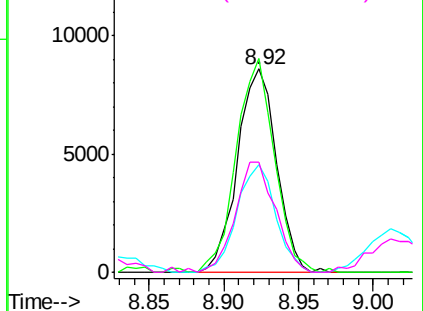
#17  
 2-Methylphenol  
 Concen: 10.072 ng  
 RT: 8.92 min Scan# 857  
 Delta R.T. -0.00 min  
 Lab File: BG027560.D  
 Acq: 21 Jun 2017 14:51

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDICC010

Tgt Ion:107 Resp: 15538  
 Ion Ratio Lower Upper  
 107 100  
 108 105.1 85.6 128.4  
 77 52.8 51.4 77.2  
 79 54.2 49.2 73.8

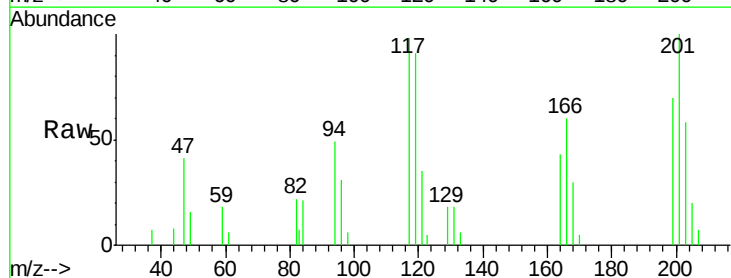


Abundance Ion 107.00 (106.70 to 107.70): E  
 Ion 108.00 (107.70 to 108.70): E  
 Ion 77.00 (76.70 to 77.70): BG  
 Ion 79.00 (78.70 to 79.70): BG

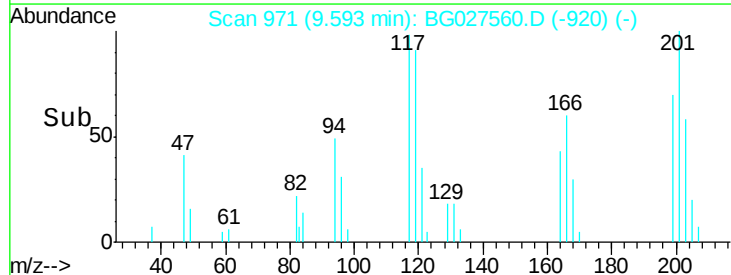
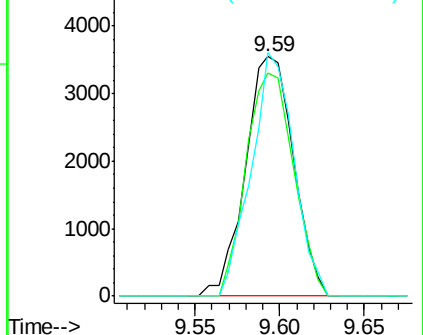


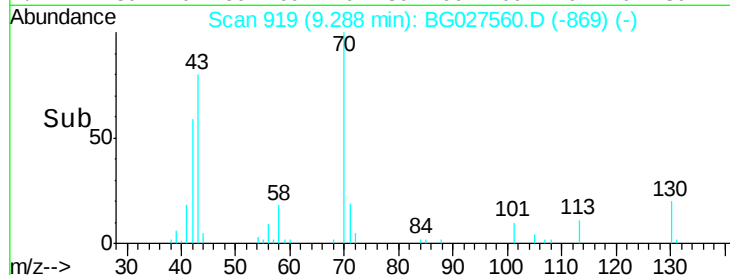
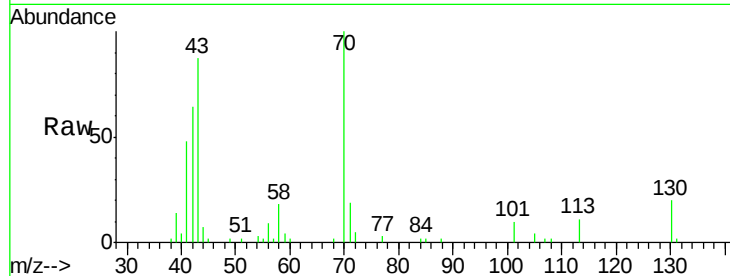
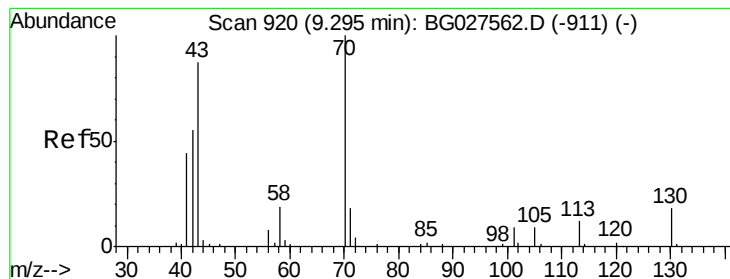
#18  
 Hexachloroethane  
 Concen: 11.713 ng  
 RT: 9.59 min Scan# 971  
 Delta R.T. -0.00 min  
 Lab File: BG027560.D  
 Acq: 21 Jun 2017 14:51

Tgt Ion:117 Resp: 7011  
 Ion Ratio Lower Upper  
 117 100  
 119 92.9 69.8 104.6  
 201 101.6 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





#19

n-Nitroso-di-n-propylamine

Concen: 11.880 ng

RT: 9.29 min Scan# 919

Delta R.T. -0.01 min

Lab File: BG027560.D

Acq: 21 Jun 2017 14:51

Instrument :

BNA\_G

ClientSampleId :

SSTDIC010

Tgt Ion: 70 Resp: 17735

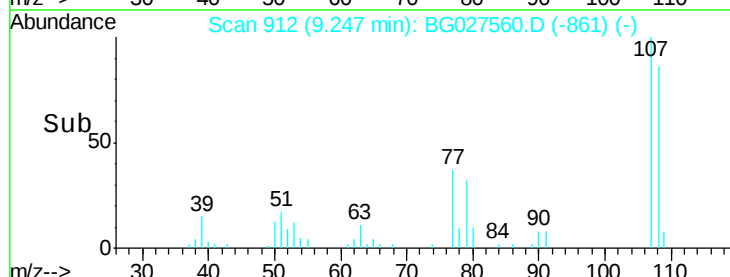
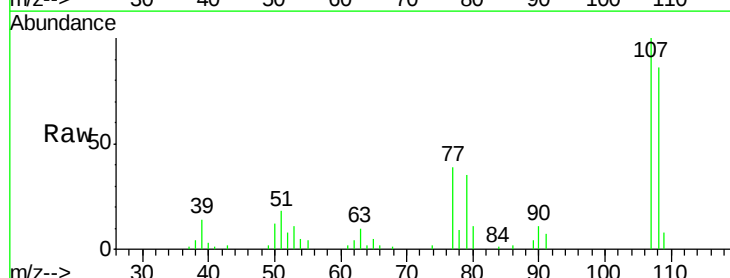
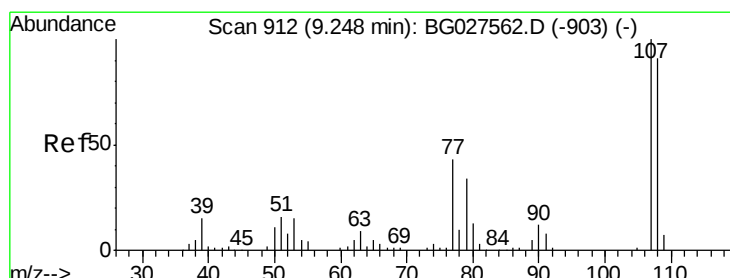
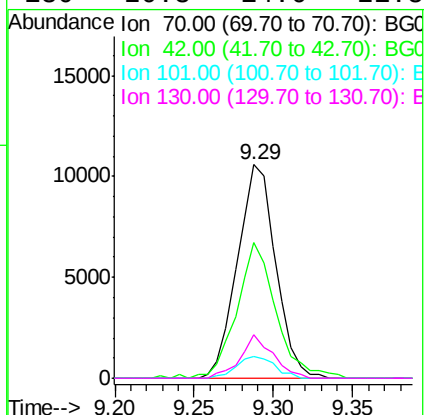
Ion Ratio Lower Upper

70 100

42 63.7 56.1 84.1

101 10.2 7.5 11.3

130 20.3 14.6 21.8



#20

3+4-Methylphenols

Concen: 10.006 ng

RT: 9.25 min Scan# 912

Delta R.T. -0.00 min

Lab File: BG027560.D

Acq: 21 Jun 2017 14:51

Tgt Ion: 107 Resp: 21382

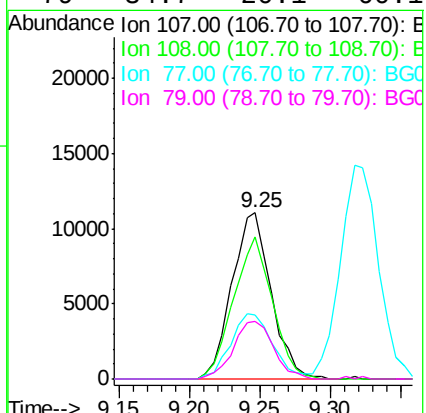
Ion Ratio Lower Upper

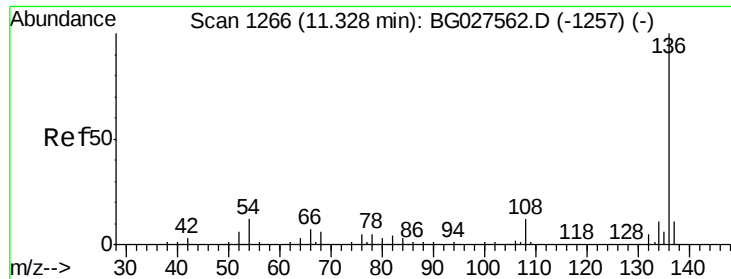
107 100

108 85.5 70.8 110.8

77 38.9 25.8 65.8

79 34.7 20.1 60.1

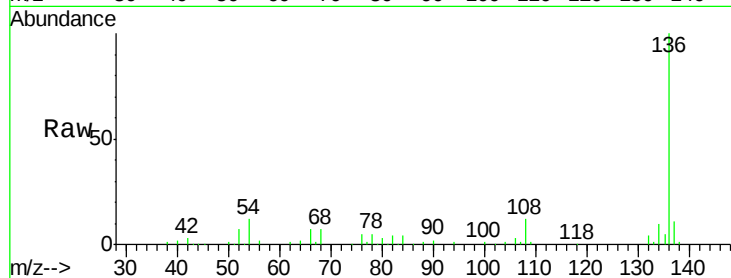




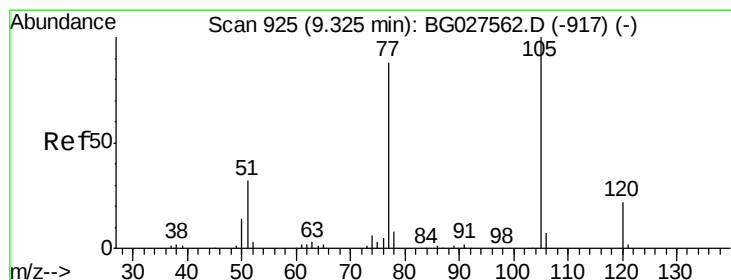
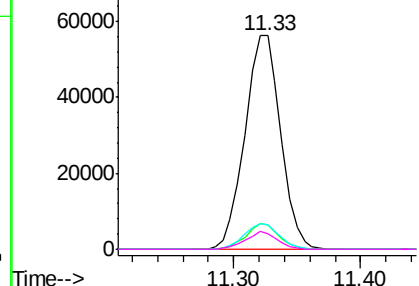
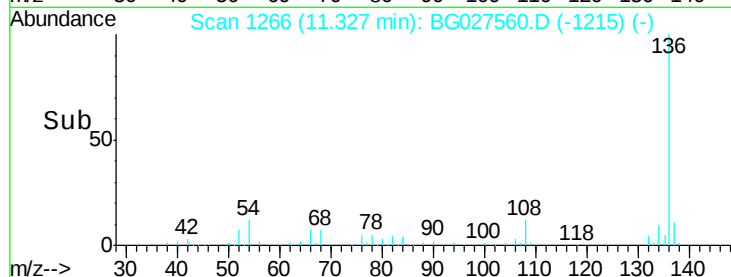
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 11.33 min Scan# 1266  
Delta R.T. -0.00 min  
Lab File: BG027560.D  
Acq: 21 Jun 2017 14:51

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC010

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 136   | Resp: | 110222 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 11.3  | 8.9   | 13.3   |
| 54       | 11.5  | 9.3   | 13.9   |
| 68       | 7.0   | 5.1   | 7.7    |

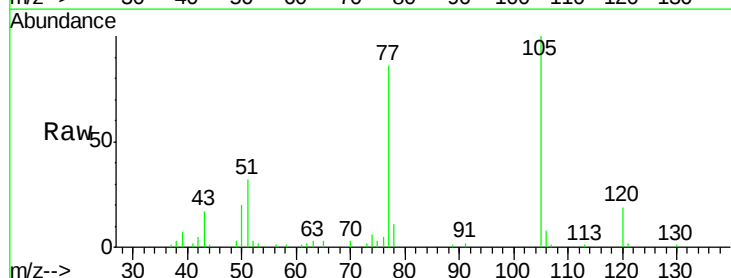


Abundance Ion 136.00 (135.70 to 136.70): E  
Ion 137.00 (136.70 to 137.70): E  
Ion 54.00 (53.70 to 54.70): BGC  
Ion 68.00 (67.70 to 68.70): BGC

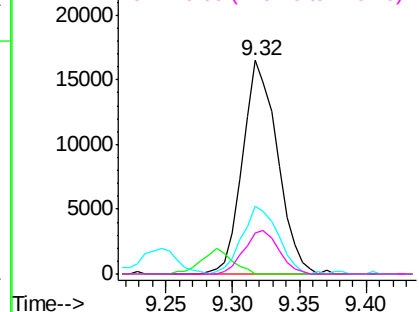
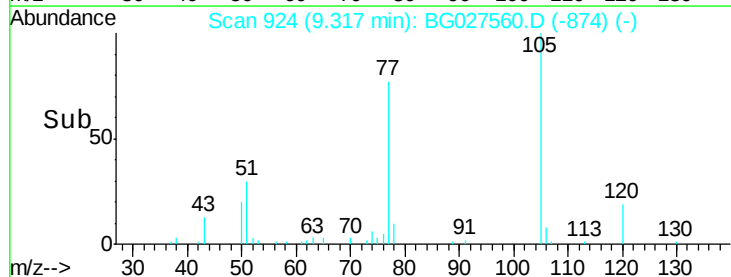


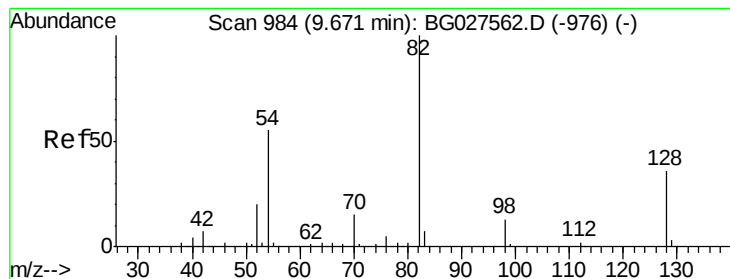
#22  
Acetophenone  
Concen: 10.563 ng  
RT: 9.32 min Scan# 924  
Delta R.T. -0.01 min  
Lab File: BG027560.D  
Acq: 21 Jun 2017 14:51

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 105   | Resp: | 29775 |
| Ion      | Ratio | Lower | Upper |
| 105      | 100   |       |       |
| 71       | 0.0   | 0.9   | 1.3#  |
| 51       | 31.7  | 34.0  | 51.0# |
| 120      | 19.4  | 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: 25.143 ng

RT: 9.67 min Scan# 984

Delta R.T. -0.00 min

Lab File: BG027560.D

Acq: 21 Jun 2017 14:51

Instrument :

BNA\_G

ClientSampleId :

SSTDIC010

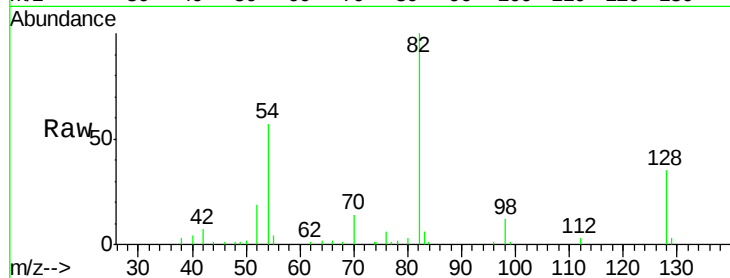
Tgt Ion: 82 Resp: 44066

Ion Ratio Lower Upper

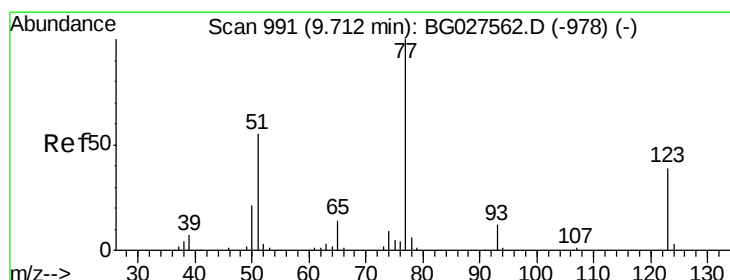
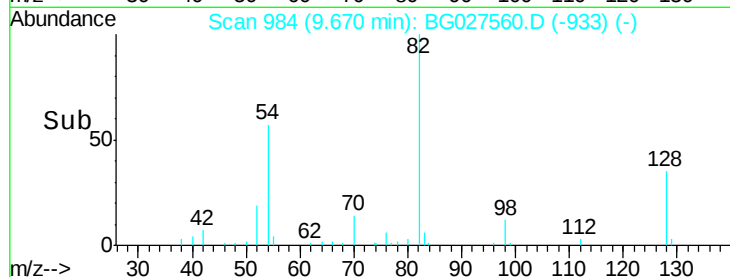
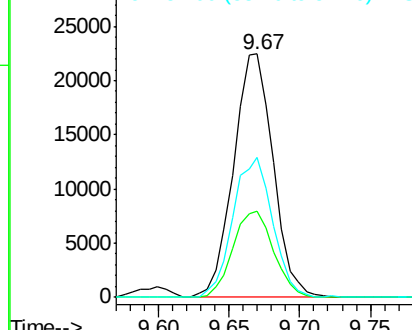
82 100

128 35.1 26.4 39.6

54 57.2 49.4 74.2



Abundance Ion 82.00 (81.70 to 82.70): BGC  
Ion 128.00 (127.70 to 128.70): BGC  
Ion 54.00 (53.70 to 54.70): BGC



#24

Nitrobenzene

Concen: 12.428 ng

RT: 9.71 min Scan# 991

Delta R.T. -0.00 min

Lab File: BG027560.D

Acq: 21 Jun 2017 14:51

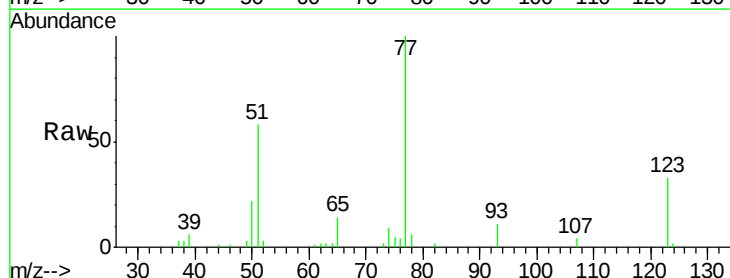
Tgt Ion: 77 Resp: 24816

Ion Ratio Lower Upper

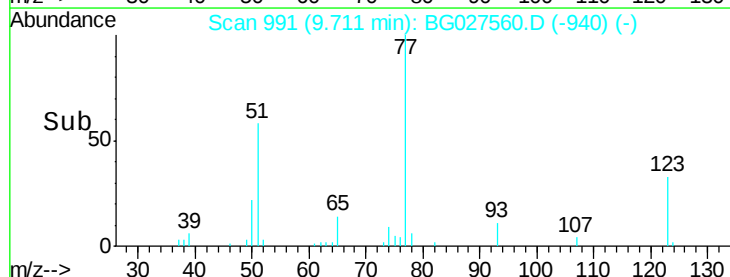
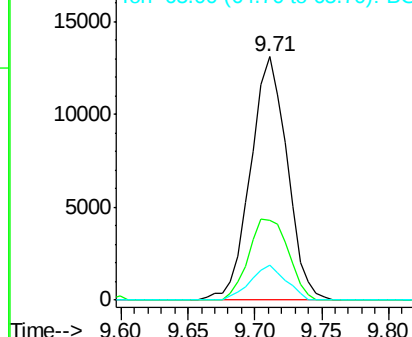
77 100

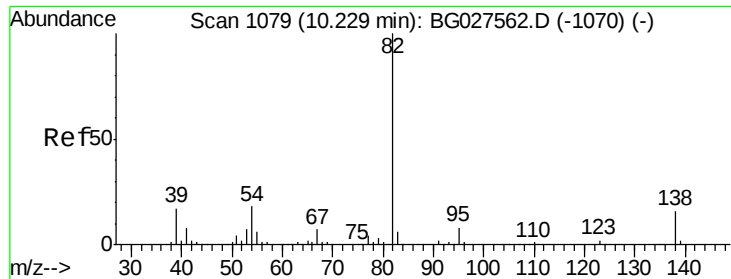
123 32.8 26.1 39.1

65 14.2 12.4 18.6



Abundance Ion 77.00 (76.70 to 77.70): BGC  
Ion 123.00 (122.70 to 123.70): BGC  
Ion 65.00 (64.70 to 65.70): BGC





#25

Isophorone

Concen: 11.057 ng

RT: 10.23 min Scan# 1079

Delta R.T. -0.00 min

Lab File: BG027560.D

Acq: 21 Jun 2017 14:51

Instrument :

BNA\_G

ClientSampleId :

SSTDICC010

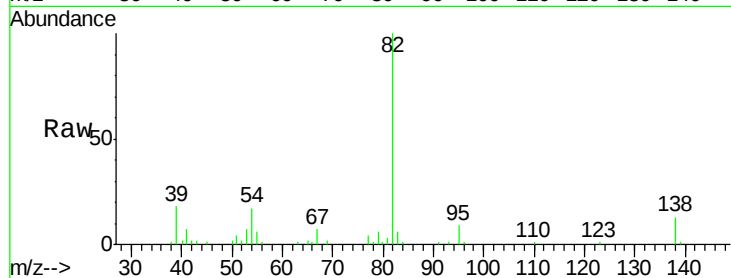
Tgt Ion: 82 Resp: 45566

Ion Ratio Lower Upper

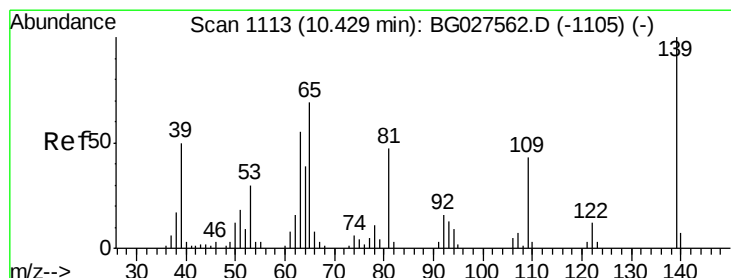
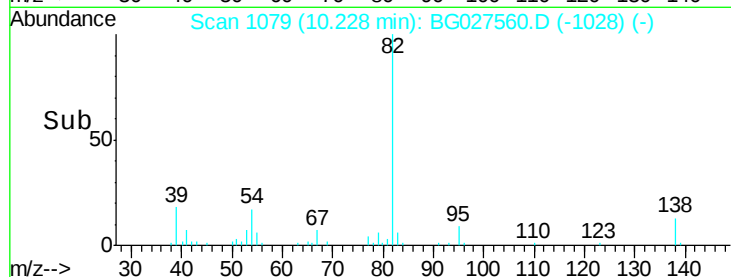
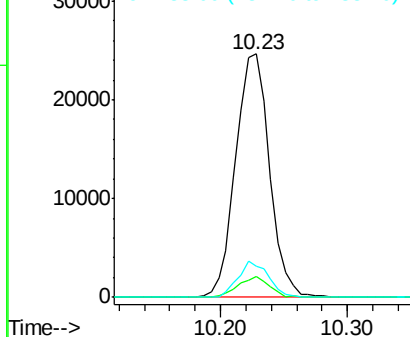
82 100

95 8.7 7.5 11.3

138 12.8 12.3 18.5



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



#26

2-Nitrophenol

Concen: 10.511 ng

RT: 10.43 min Scan# 1113

Delta R.T. -0.00 min

Lab File: BG027560.D

Acq: 21 Jun 2017 14:51

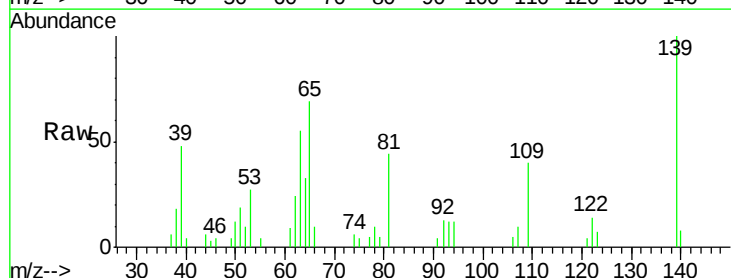
Tgt Ion: 139 Resp: 7811

Ion Ratio Lower Upper

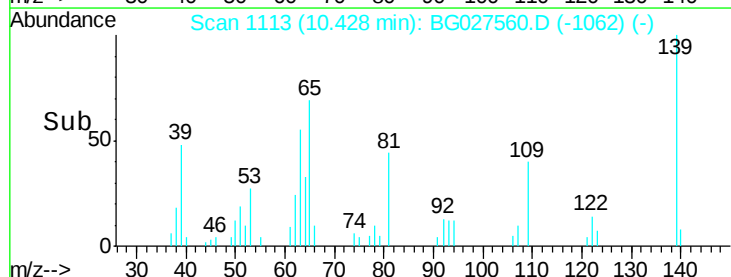
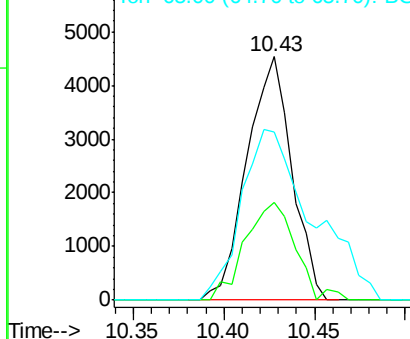
139 100

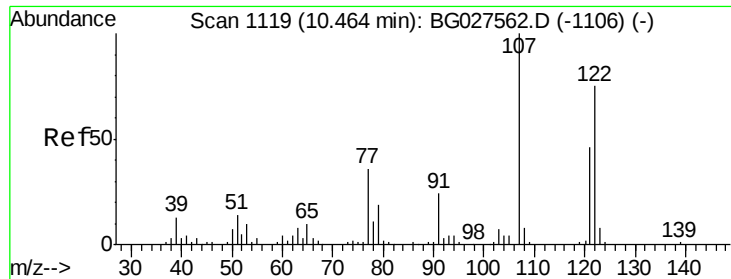
109 39.9 38.6 58.0

65 69.0 57.1 85.7



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

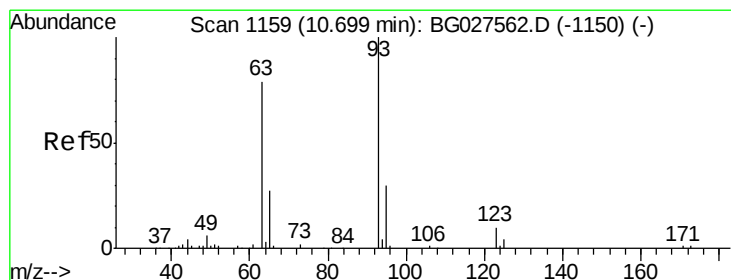
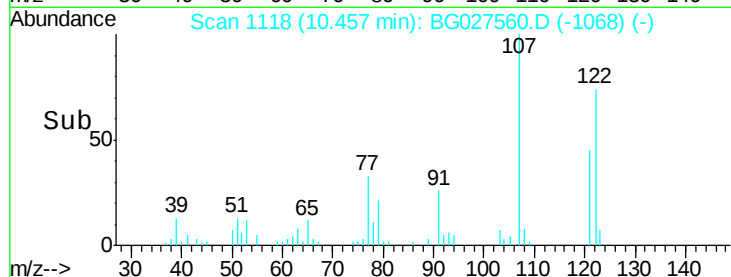
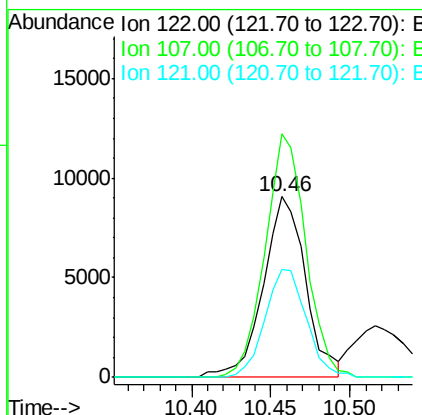
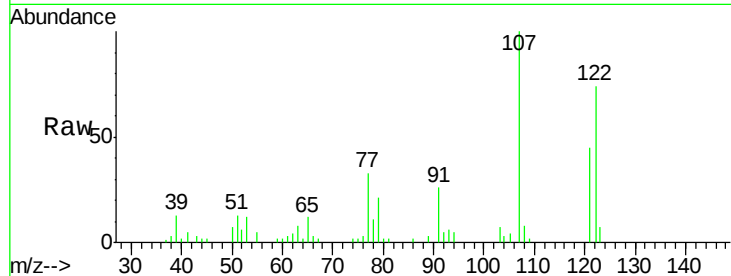




#27  
2,4-Dimethylphenol  
Concen: 9.500 ng  
RT: 10.46 min Scan# 1118  
Delta R.T. -0.01 min  
Lab File: BG027560.D  
Acq: 21 Jun 2017 14:51

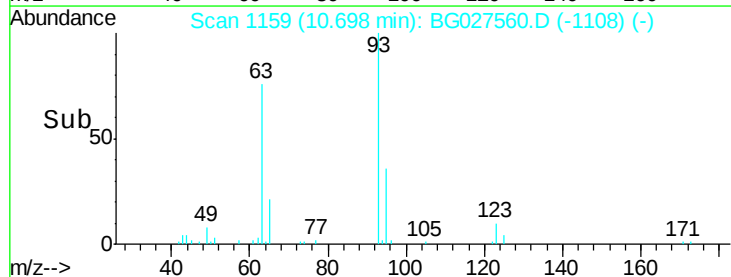
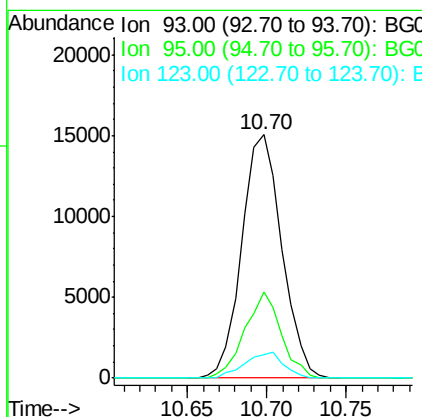
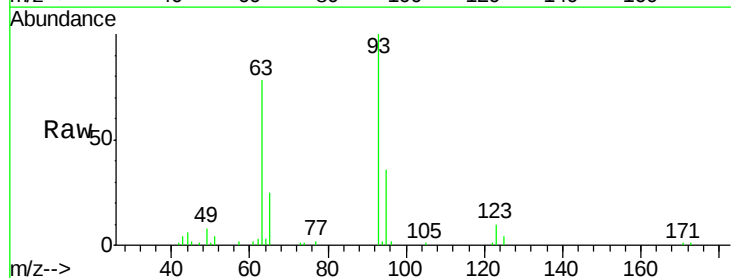
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDIC010

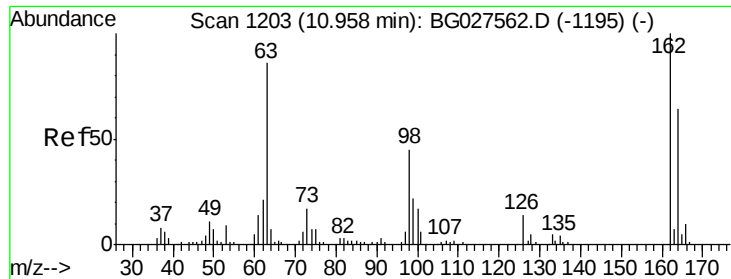
Tgt Ion:122 Resp: 16833  
Ion Ratio Lower Upper  
122 100  
107 134.7 104.2 156.4  
121 60.0 46.0 69.0



#28  
bis(2-Chloroethoxy)methane  
Concen: 9.907 ng  
RT: 10.70 min Scan# 1159  
Delta R.T. -0.00 min  
Lab File: BG027560.D  
Acq: 21 Jun 2017 14:51

Tgt Ion: 93 Resp: 26438  
Ion Ratio Lower Upper  
93 100  
95 35.6 25.7 38.5  
123 9.8 8.3 12.5

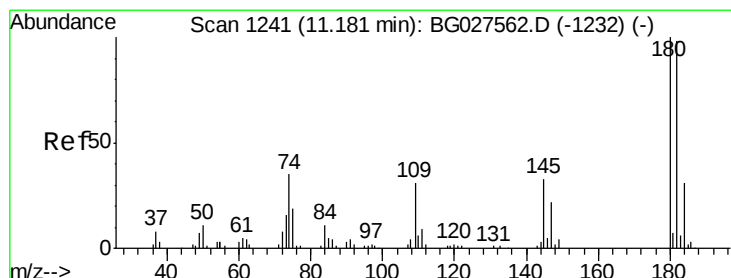
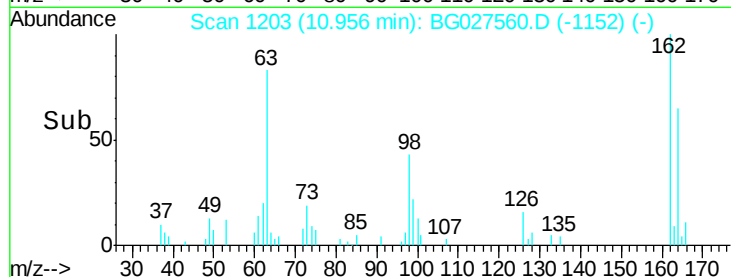
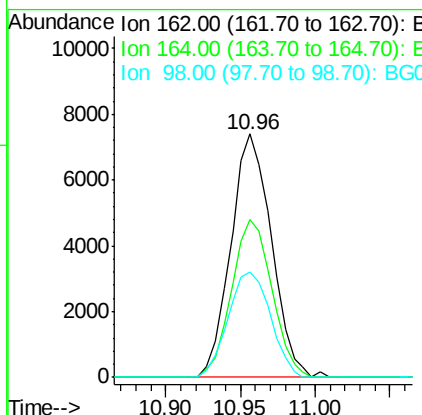
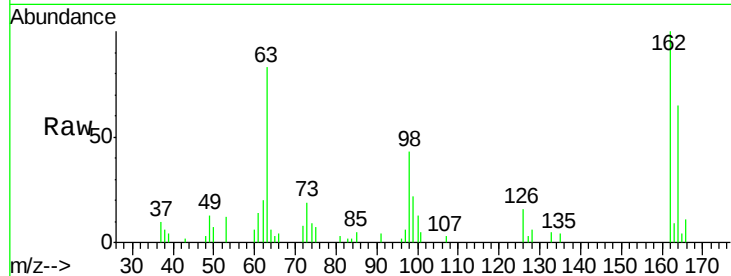




#29  
 2,4-Dichlorophenol  
 Concen: 8.650 ng  
 RT: 10.96 min Scan# 1203  
 Delta R.T. -0.00 min  
 Lab File: BG027560.D  
 Acq: 21 Jun 2017 14:51

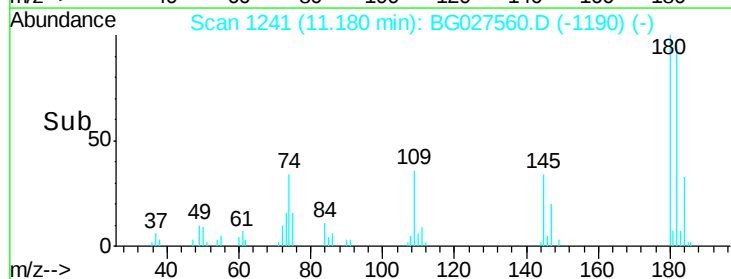
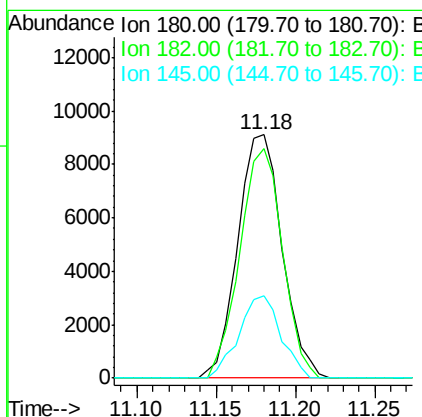
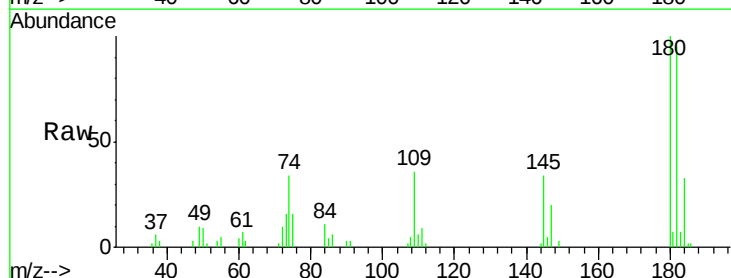
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDICC010

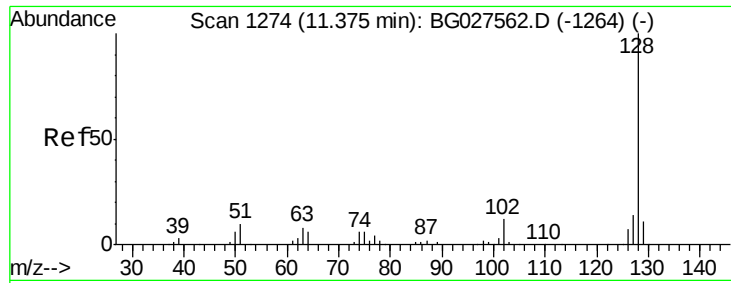
Tgt Ion:162 Resp: 13992  
 Ion Ratio Lower Upper  
 162 100  
 164 64.7 42.4 82.4  
 98 43.0 20.3 60.3



#30  
 1,2,4-Trichlorobenzene  
 Concen: 9.897 ng  
 RT: 11.18 min Scan# 1241  
 Delta R.T. -0.00 min  
 Lab File: BG027560.D  
 Acq: 21 Jun 2017 14:51

Tgt Ion:180 Resp: 17727  
 Ion Ratio Lower Upper  
 180 100  
 182 94.5 77.0 115.4  
 145 34.1 23.4 35.0

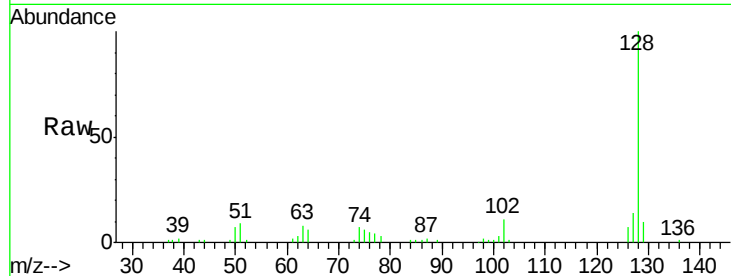




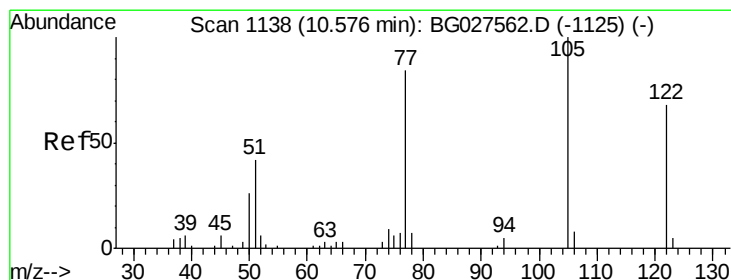
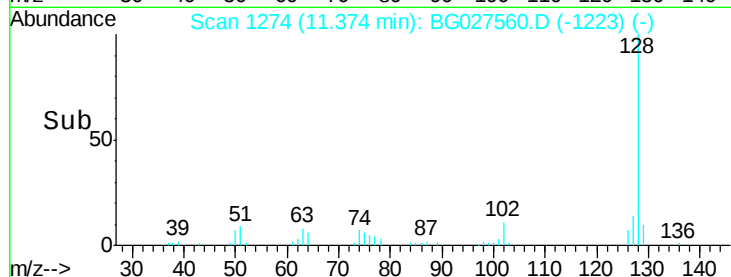
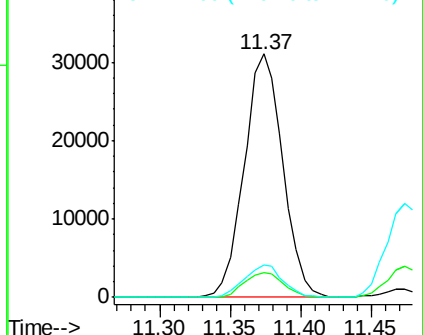
#31  
Naphthalene  
Concen: 9.853 ng  
RT: 11.37 min Scan# 1274  
Delta R.T. -0.00 min  
Lab File: BG027560.D  
Acq: 21 Jun 2017 14:51

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC010

Tgt Ion:128 Resp: 59354  
Ion Ratio Lower Upper  
128 100  
129 10.4 9.3 13.9  
127 13.6 11.4 17.0

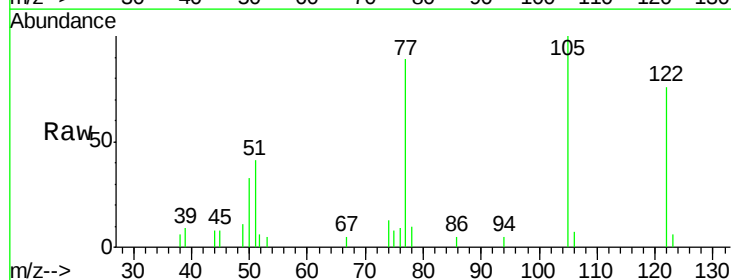


Abundance Ion 128.00 (127.70 to 128.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 127.00 (126.70 to 127.70): E

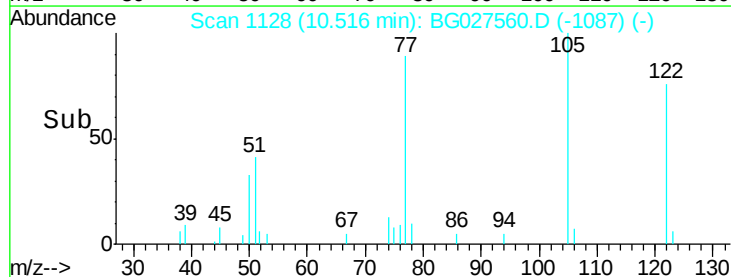
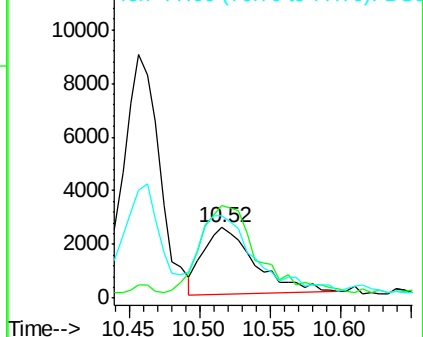


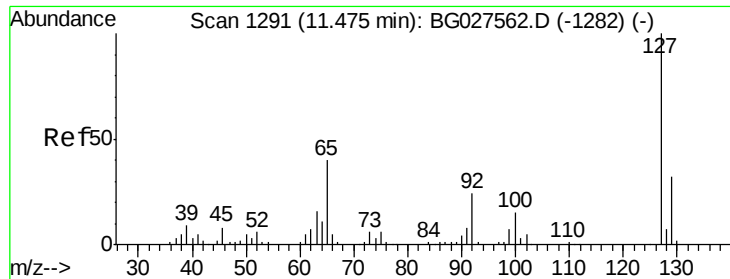
#32  
Benzoic acid  
Concen: 5.781 ng  
RT: 10.52 min Scan# 1128  
Delta R.T. -0.06 min  
Lab File: BG027560.D  
Acq: 21 Jun 2017 14:51

Tgt Ion:122 Resp: 6254  
Ion Ratio Lower Upper  
122 100  
105 132.1 120.1 160.1  
77 117.8 104.6 144.6



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

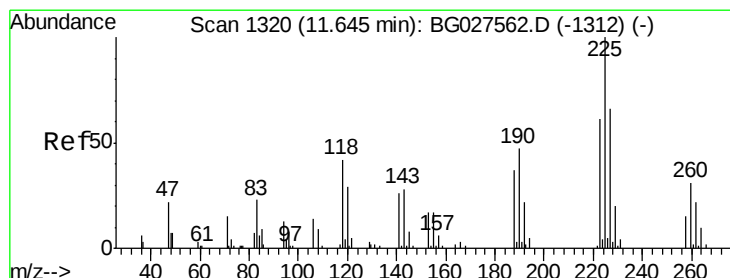
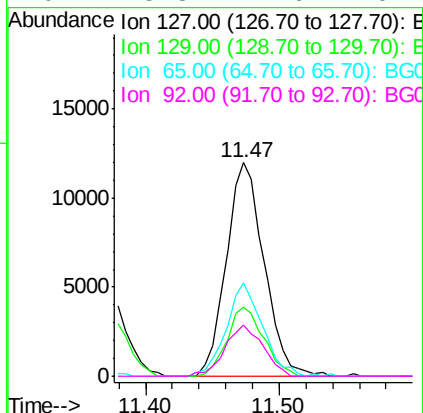
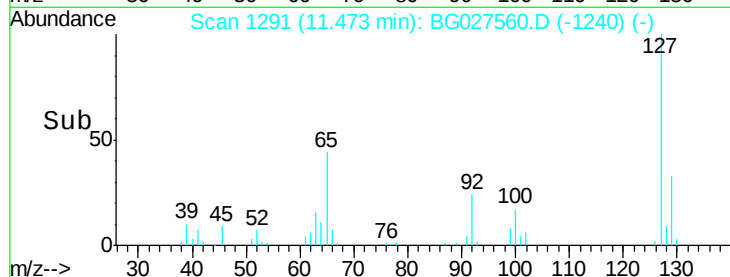
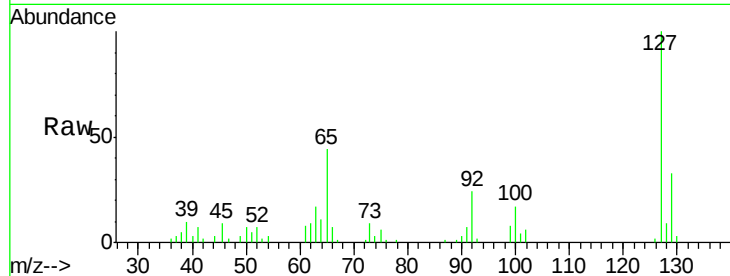




#33  
4-Chloroaniline  
Concen: 9.409 ng  
RT: 11.47 min Scan# 1291  
Delta R.T. -0.00 min  
Lab File: BG027560.D  
Acq: 21 Jun 2017 14:51

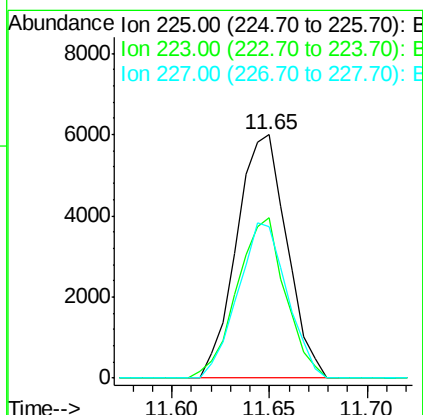
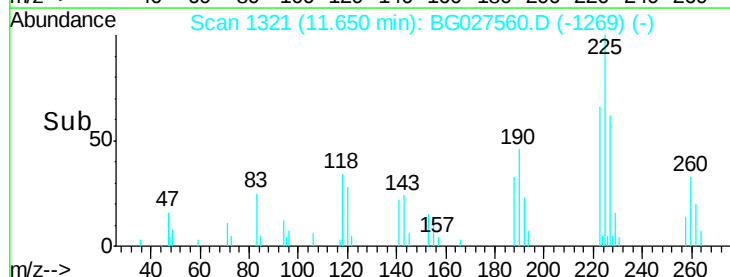
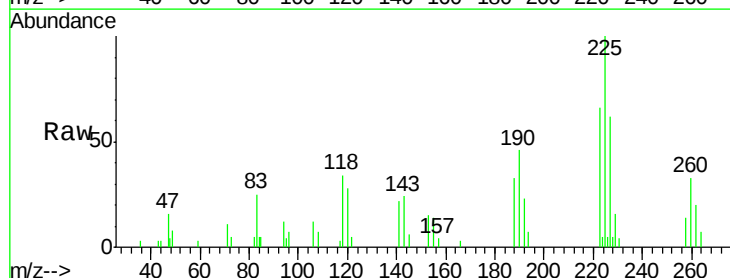
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDIC010

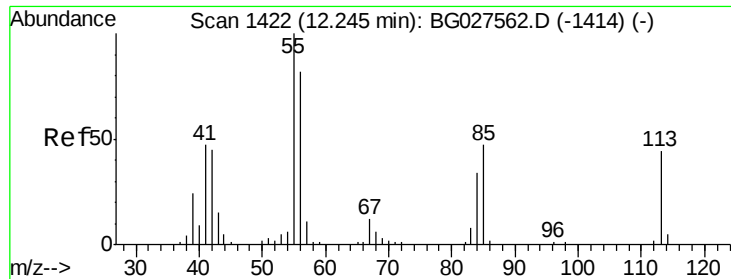
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 127   | Resp: | 23619 |
| Ion      | Ratio | Lower | Upper |
| 127      | 100   |       |       |
| 129      | 32.6  | 23.6  | 35.4  |
| 65       | 44.0  | 37.7  | 56.5  |
| 92       | 23.8  | 17.6  | 26.4  |



#34  
Hexachlorobutadiene  
Concen: 9.693 ng  
RT: 11.65 min Scan# 1321  
Delta R.T. 0.00 min  
Lab File: BG027560.D  
Acq: 21 Jun 2017 14:51

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 225   | Resp: | 10670 |
| Ion      | Ratio | Lower | Upper |
| 225      | 100   |       |       |
| 223      | 65.9  | 50.7  | 76.1  |
| 227      | 62.4  | 49.0  | 73.6  |

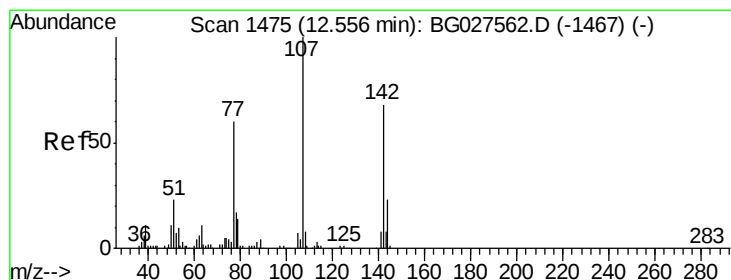
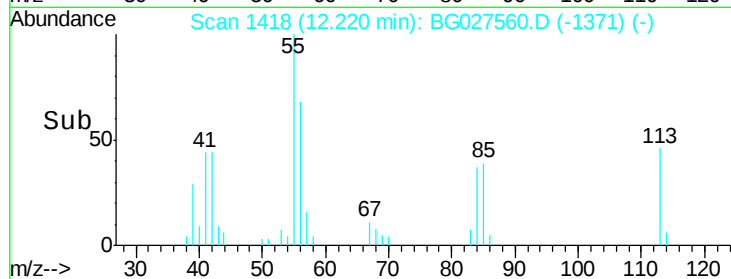
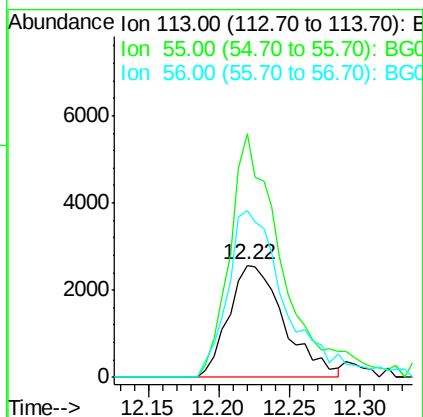
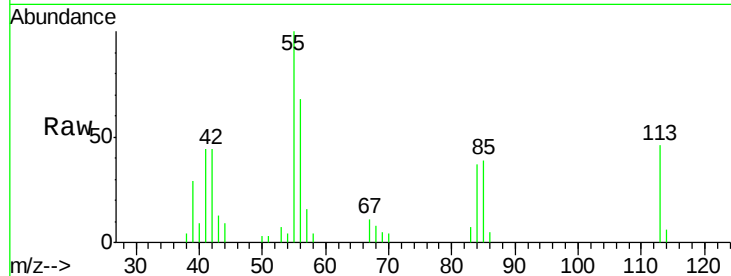




#35  
 Caprolactam  
 Concen: 12.720 ng  
 RT: 12.22 min Scan# 1418  
 Delta R.T. -0.03 min  
 Lab File: BG027560.D  
 Acq: 21 Jun 2017 14:51

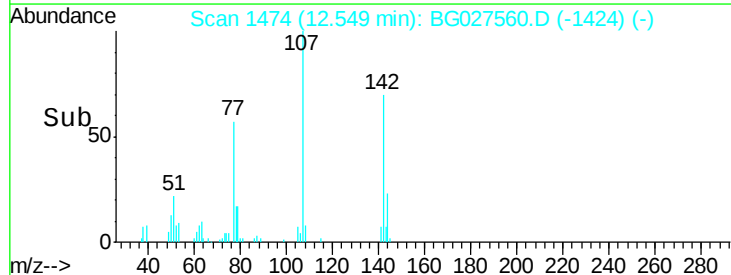
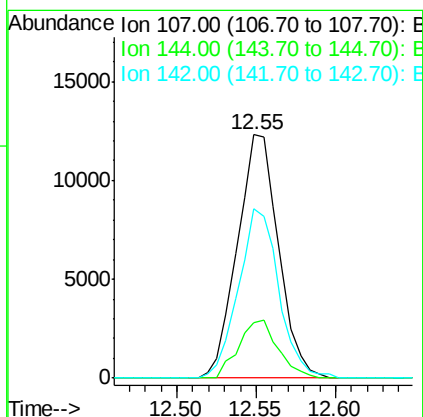
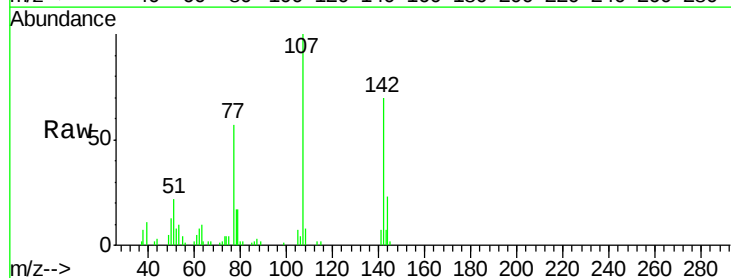
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDICC010

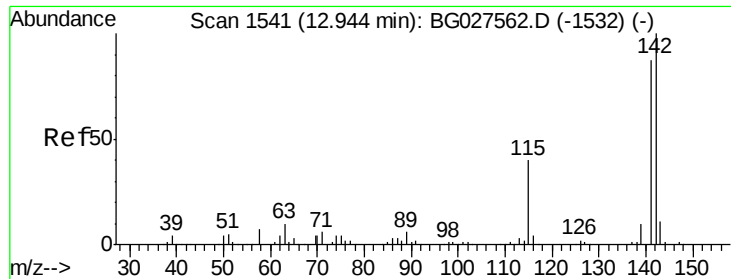
Tgt Ion:113 Resp: 7057  
 Ion Ratio Lower Upper  
 113 100  
 55 217.3 198.6 238.6  
 56 148.7 140.4 180.4



#36  
 4-Chloro-3-methylphenol  
 Concen: 10.948 ng  
 RT: 12.55 min Scan# 1474  
 Delta R.T. -0.01 min  
 Lab File: BG027560.D  
 Acq: 21 Jun 2017 14:51

Tgt Ion:107 Resp: 22196  
 Ion Ratio Lower Upper  
 107 100  
 144 22.7 17.4 26.0  
 142 69.7 54.1 81.1

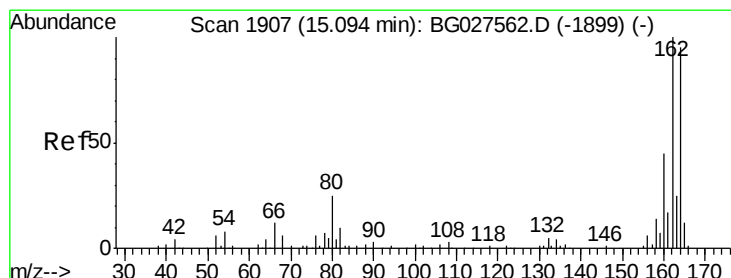
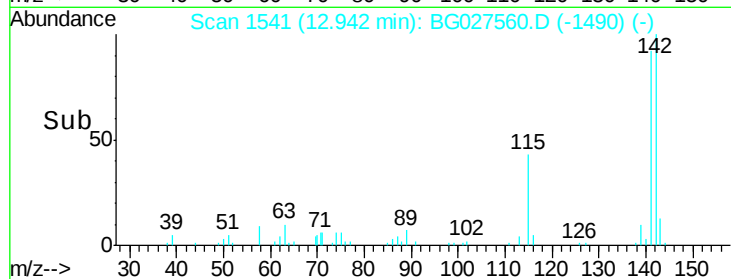
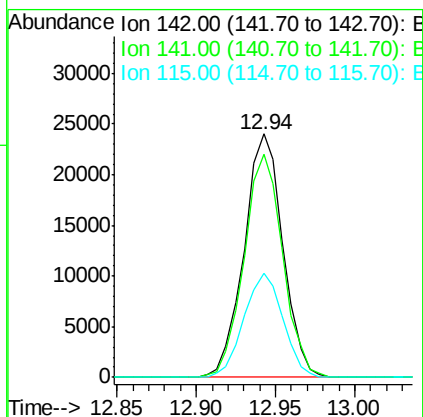
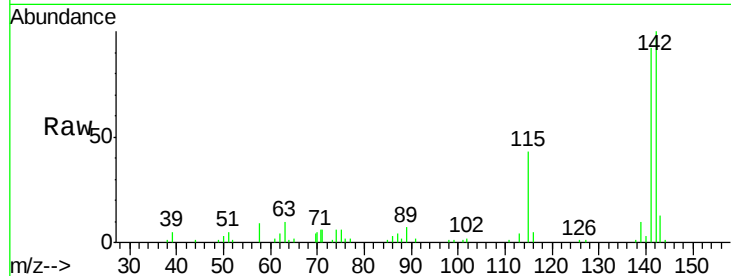




#37  
 2-Methylnaphthalene  
 Concen: 9.281 ng  
 RT: 12.94 min Scan# 1541  
 Delta R.T. -0.00 min  
 Lab File: BG027560.D  
 Acq: 21 Jun 2017 14:51

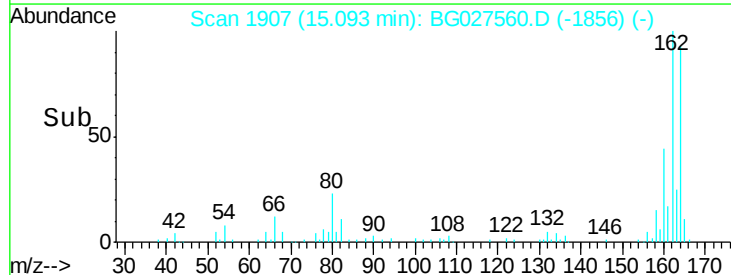
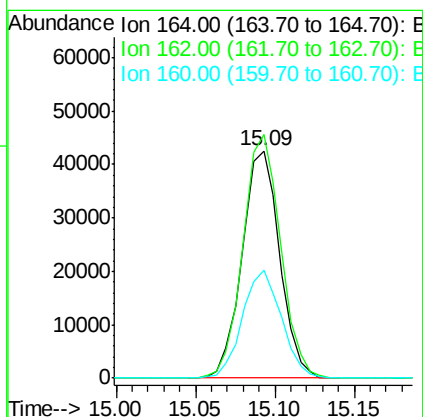
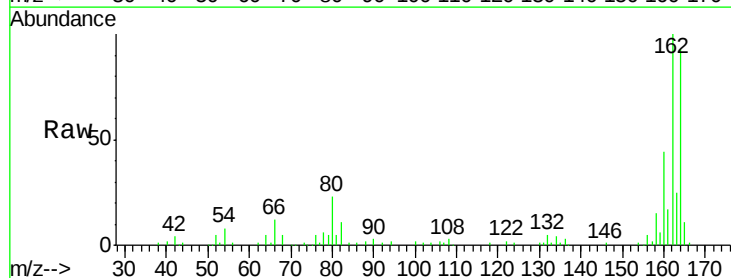
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDICC010

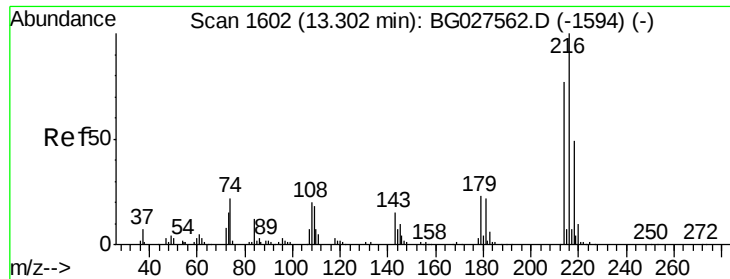
Tgt Ion:142 Resp: 40784  
 Ion Ratio Lower Upper  
 142 100  
 141 91.8 70.4 105.6  
 115 42.9 35.5 53.3



#38  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 15.09 min Scan# 1907  
 Delta R.T. -0.00 min  
 Lab File: BG027560.D  
 Acq: 21 Jun 2017 14:51

Tgt Ion:164 Resp: 69997  
 Ion Ratio Lower Upper  
 164 100  
 162 107.2 85.1 127.7  
 160 47.6 34.7 52.1





#39

1,2,4,5-Tetrachlorobenzene

Concen: 9.548 ng

RT: 13.30 min Scan# 1602

Delta R.T. -0.00 min

Lab File: BG027560.D

Acq: 21 Jun 2017 14:51

Instrument :

BNA\_G

ClientSampleId :

SSTDIC010

Tgt Ion:216 Resp: 20821

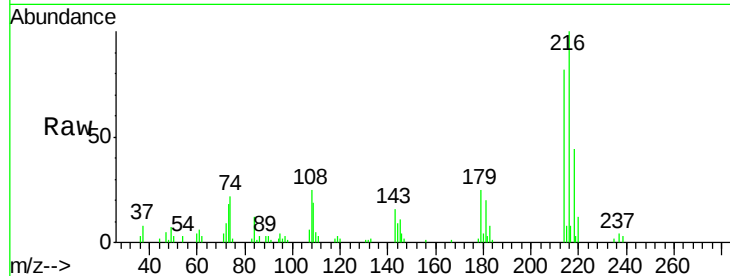
Ion Ratio Lower Upper

216 100

214 80.3 64.4 96.6

179 23.9 17.4 26.0

108 22.7 15.6 23.4

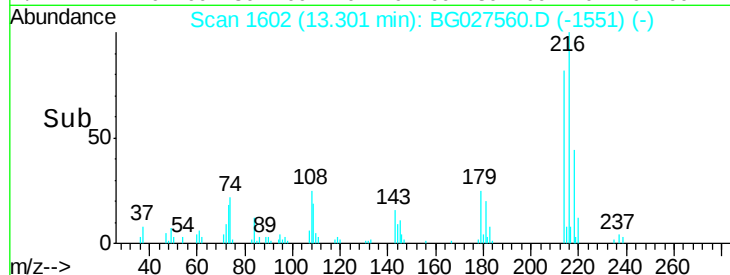


Abundance Ion 216.00 (215.70 to 216.70): E

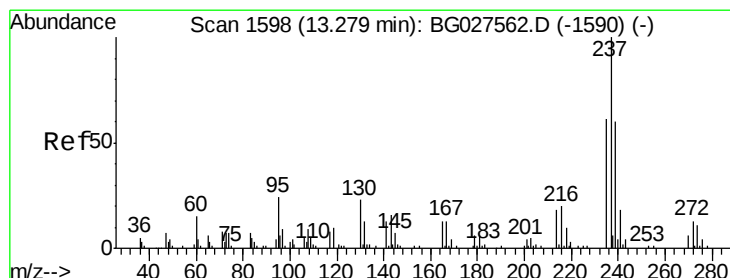
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 8.292 ng

RT: 13.28 min Scan# 1598

Delta R.T. -0.00 min

Lab File: BG027560.D

Acq: 21 Jun 2017 14:51

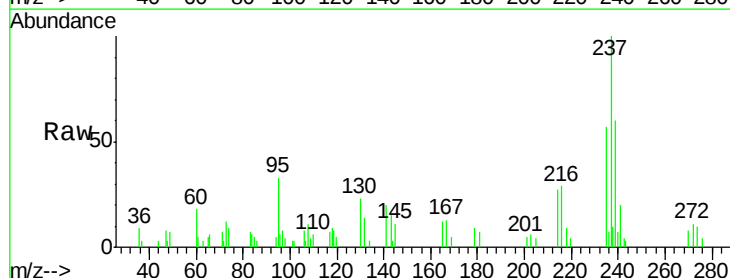
Tgt Ion:237 Resp: 9624

Ion Ratio Lower Upper

237 100

235 56.6 39.4 79.4

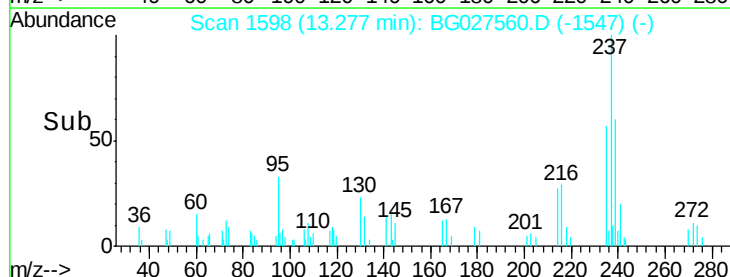
272 10.6 0.0 32.0



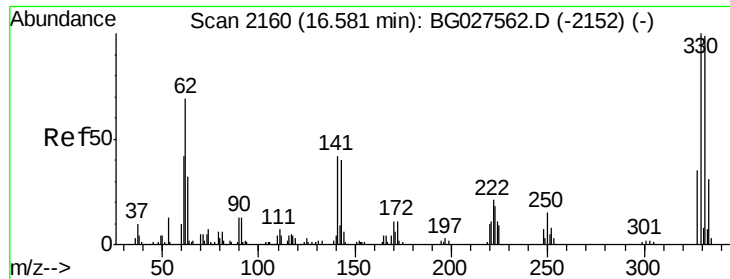
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



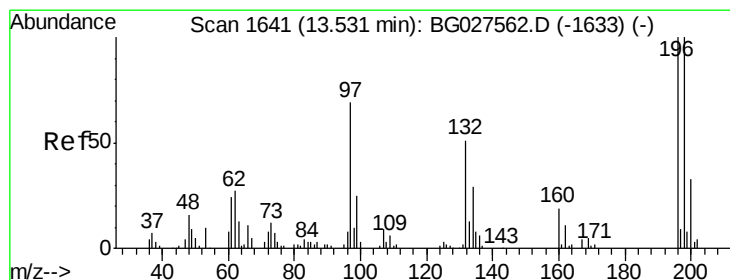
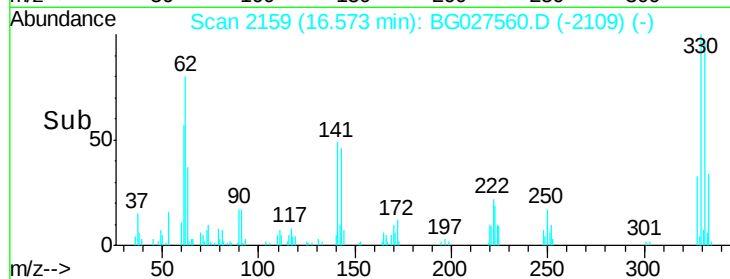
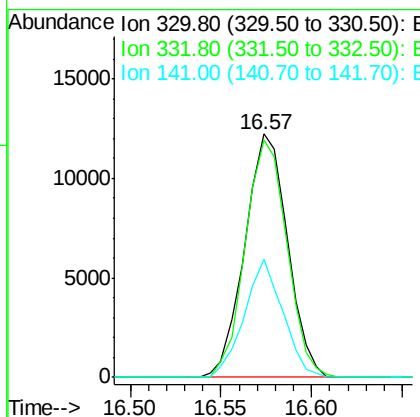
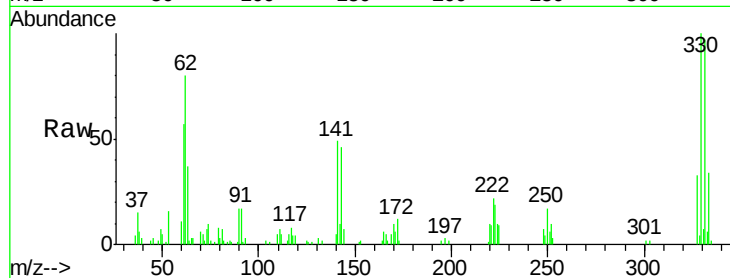
Time-->



#41  
 2,4,6-Tribromophenol  
 Concen: 21.707 ng  
 RT: 16.57 min Scan# 2159  
 Delta R.T. -0.01 min  
 Lab File: BG027560.D  
 Acq: 21 Jun 2017 14:51

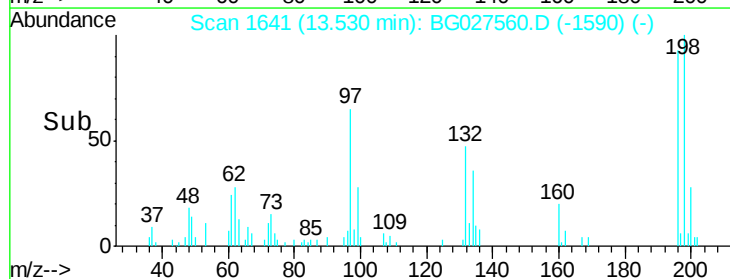
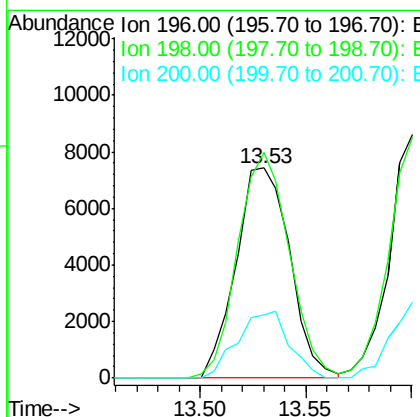
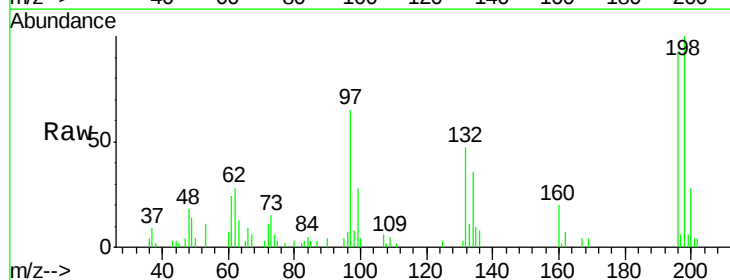
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDICC010

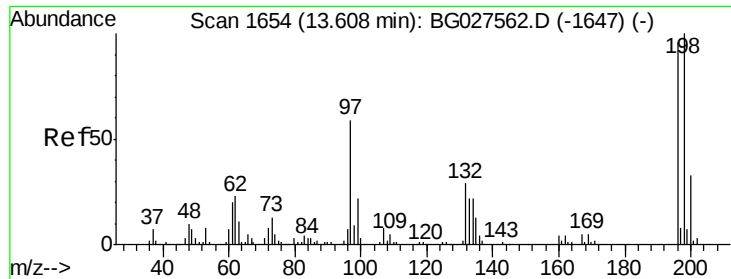
Tgt Ion:330 Resp: 20008  
 Ion Ratio Lower Upper  
 330 100  
 332 95.2 77.3 115.9  
 141 43.8 32.1 48.1



#42  
 2,4,6-Trichlorophenol  
 Concen: 9.943 ng  
 RT: 13.53 min Scan# 1641  
 Delta R.T. -0.00 min  
 Lab File: BG027560.D  
 Acq: 21 Jun 2017 14:51

Tgt Ion:196 Resp: 13151  
 Ion Ratio Lower Upper  
 196 100  
 198 107.7 81.4 122.2  
 200 30.1 27.0 40.6

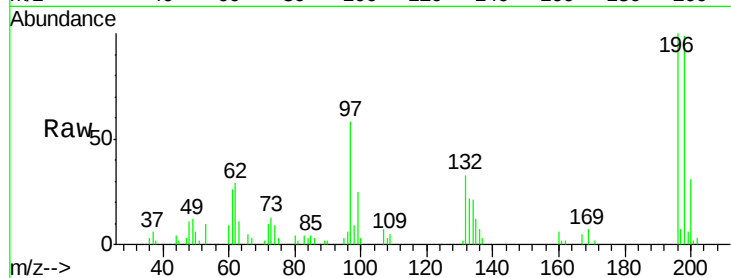




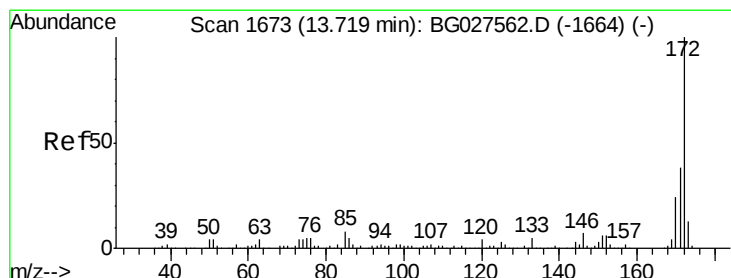
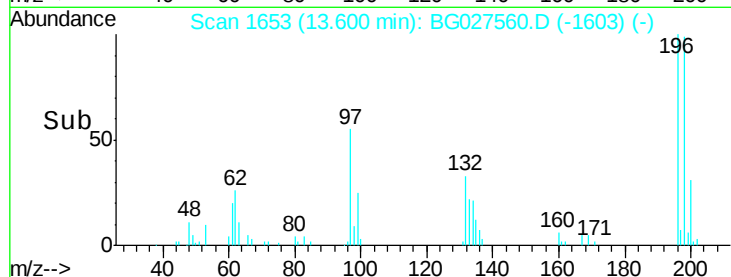
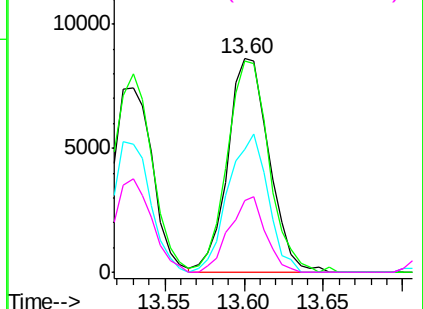
#43  
 2,4,5-Trichlorophenol  
 Concen: 10.539 ng  
 RT: 13.60 min Scan# 1653  
 Delta R.T. -0.01 min  
 Lab File: BG027560.D  
 Acq: 21 Jun 2017 14:51

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDICC010

Tgt Ion:196 Resp: 15598  
 Ion Ratio Lower Upper  
 196 100  
 198 99.1 79.9 119.9  
 97 57.7 45.4 68.0  
 132 33.5 20.7 31.1#



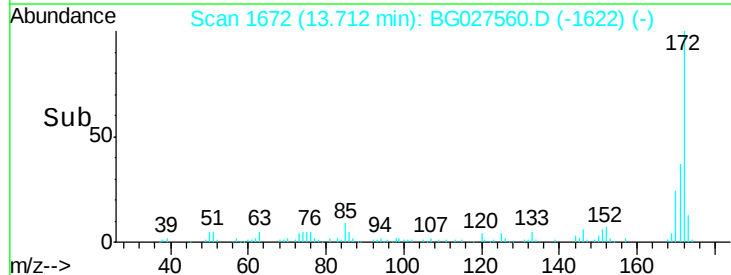
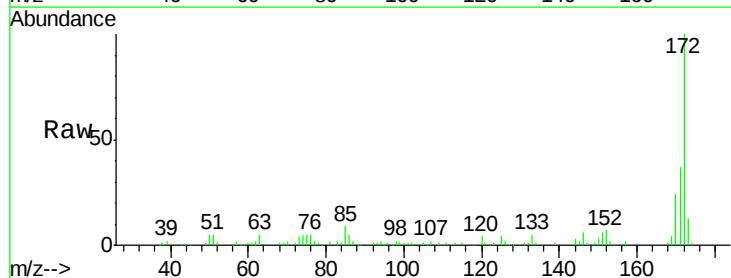
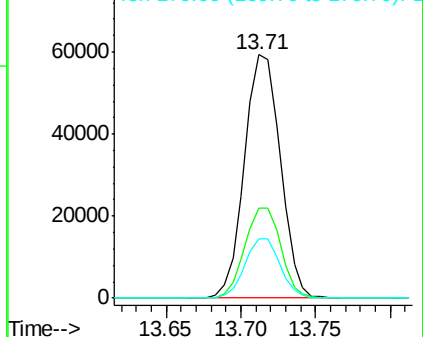
Abundance Ion 196.00 (195.70 to 196.70): E  
 Ion 198.00 (197.70 to 198.70): E  
 Ion 97.00 (96.70 to 97.70): BG  
 Ion 132.00 (131.70 to 132.70): E

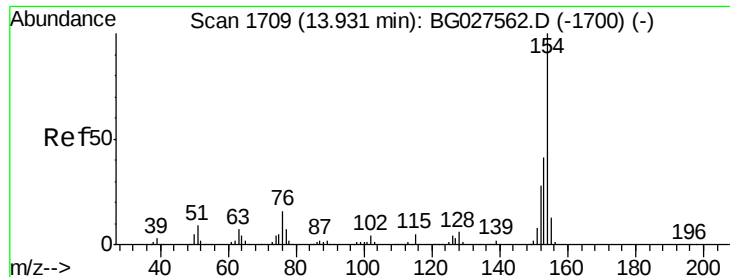


#44  
 2-Fluorobiphenyl  
 Concen: 19.739 ng  
 RT: 13.71 min Scan# 1672  
 Delta R.T. -0.01 min  
 Lab File: BG027560.D  
 Acq: 21 Jun 2017 14:51

Tgt Ion:172 Resp: 98762  
 Ion Ratio Lower Upper  
 172 100  
 171 37.2 32.2 48.2  
 170 24.2 21.8 32.6

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

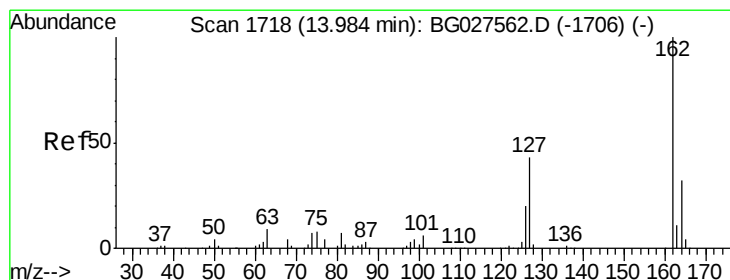
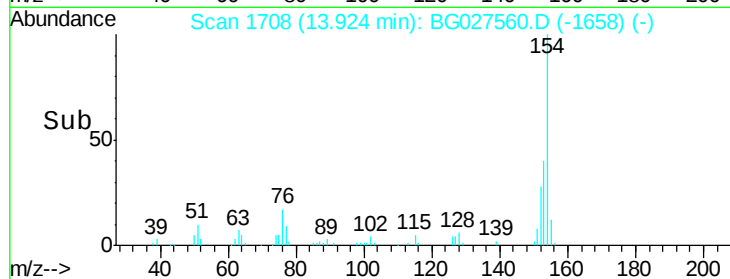
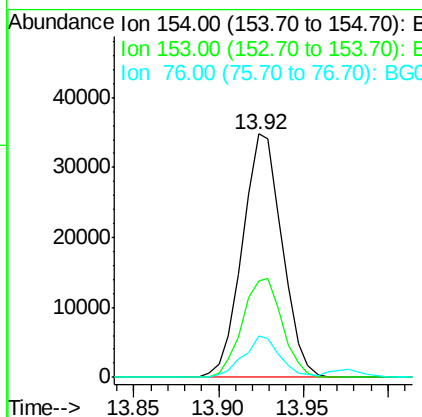
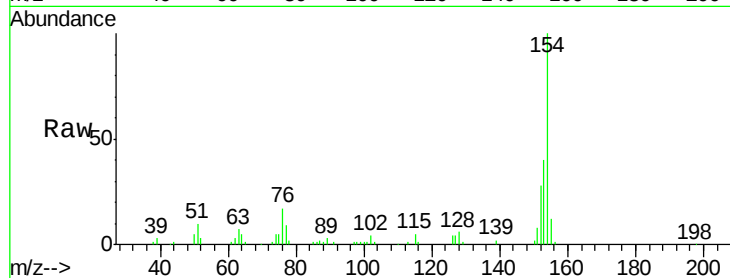




#45  
 1,1'-Biphenyl  
 Concen: 9.964 ng  
 RT: 13.92 min Scan# 1708  
 Delta R.T. -0.01 min  
 Lab File: BG027560.D  
 Acq: 21 Jun 2017 14:51

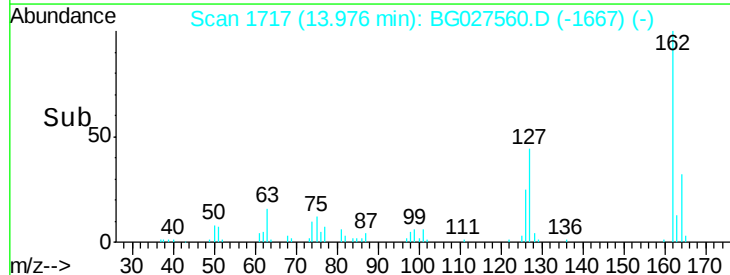
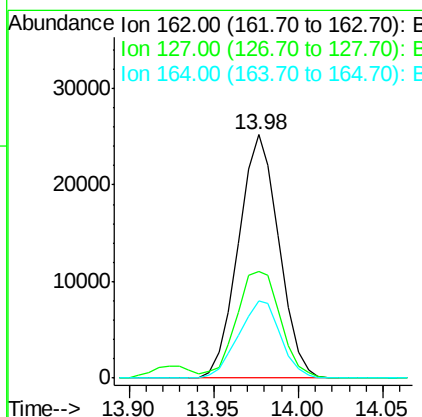
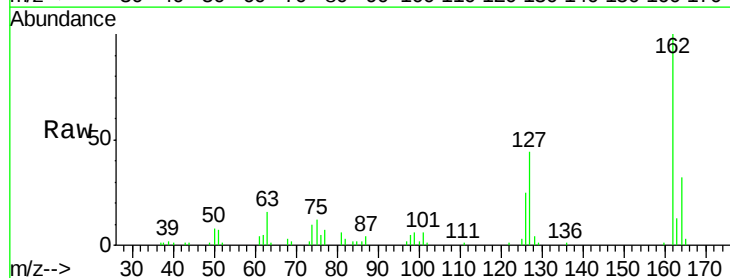
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDICC010

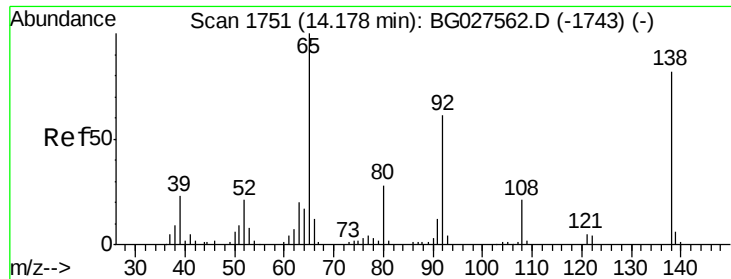
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 39.6  | 23.0  | 63.0  |
| 76      | 17.2  | 0.0   | 33.5  |



#46  
 2-Chloronaphthalene  
 Concen: 9.770 ng  
 RT: 13.98 min Scan# 1717  
 Delta R.T. -0.01 min  
 Lab File: BG027560.D  
 Acq: 21 Jun 2017 14:51

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 44.0  | 32.2  | 48.4  |
| 164     | 31.8  | 27.3  | 40.9  |





#47

2-Nitroaniline

Concen: 16.295 ng

RT: 14.17 min Scan# 1750

Delta R.T. -0.01 min

Lab File: BG027560.D

Acq: 21 Jun 2017 14:51

Instrument :

BNA\_G

ClientSampleId :

SSTDICC010

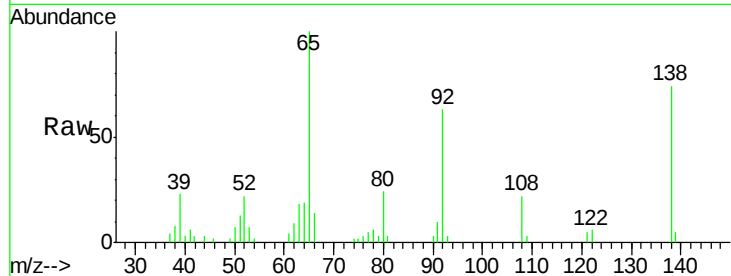
Tgt Ion: 65 Resp: 17959

Ion Ratio Lower Upper

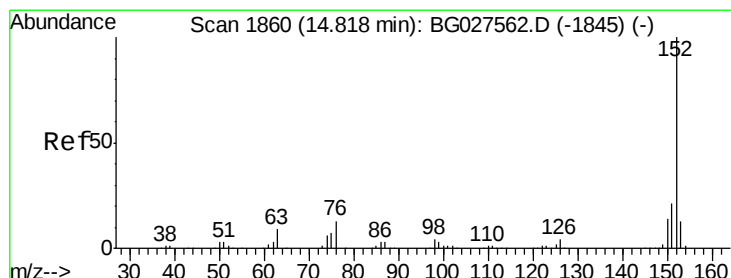
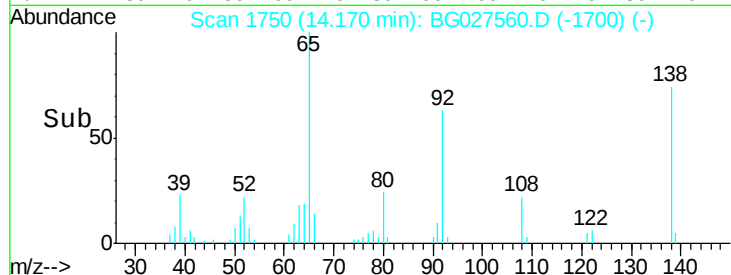
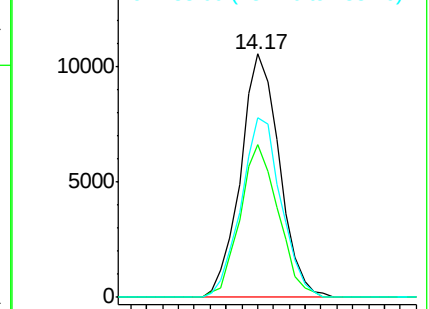
65 100

92 62.5 49.0 73.4

138 73.9 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: 10.241 ng

RT: 14.82 min Scan# 1860

Delta R.T. -0.00 min

Lab File: BG027560.D

Acq: 21 Jun 2017 14:51

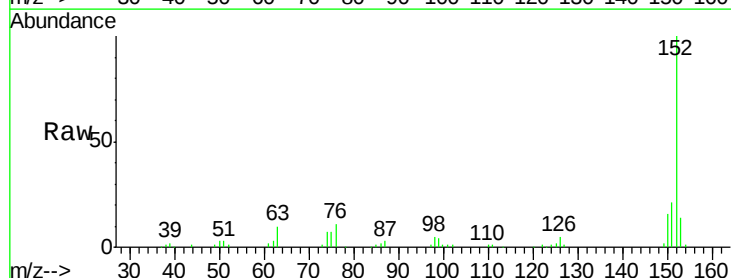
Tgt Ion: 152 Resp: 74239

Ion Ratio Lower Upper

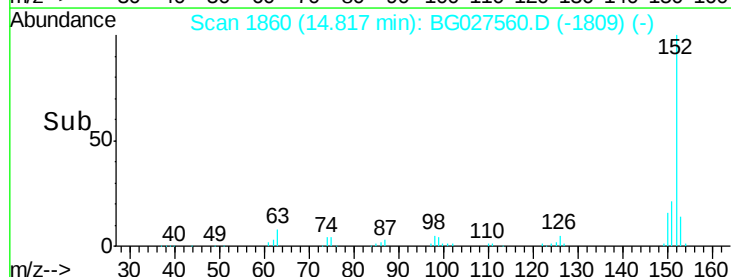
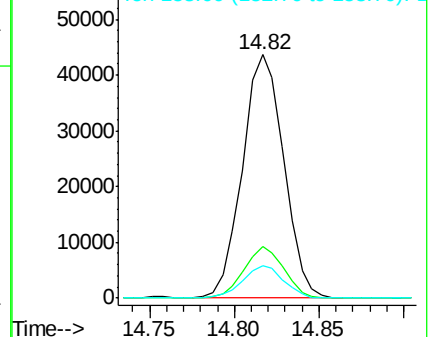
152 100

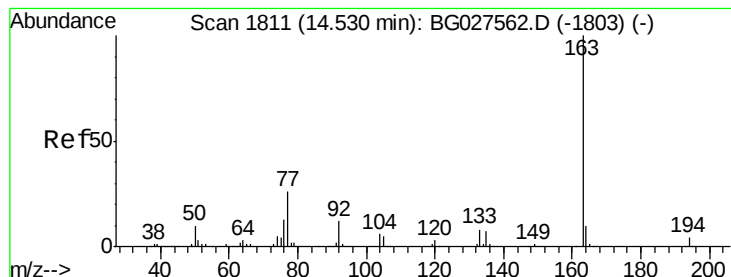
151 21.3 18.2 27.2

153 13.5 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: 10.979 ng

RT: 14.52 min Scan# 1810

Delta R.T. -0.01 min

Lab File: BG027560.D

Acq: 21 Jun 2017 14:51

Instrument :

BNA\_G

ClientSampleId :

SSTDICC010

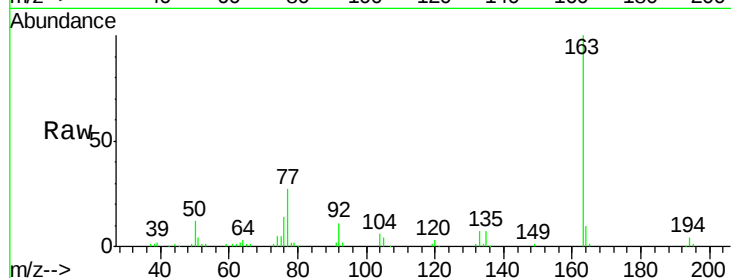
Tgt Ion:163 Resp: 60964

Ion Ratio Lower Upper

163 100

194 4.0 3.8 5.6

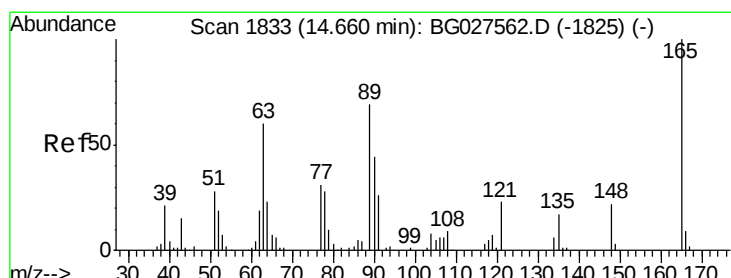
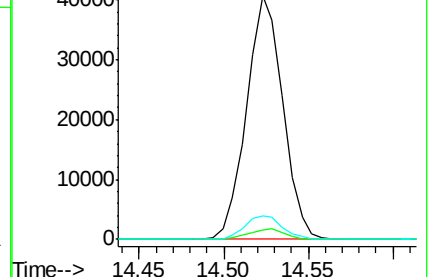
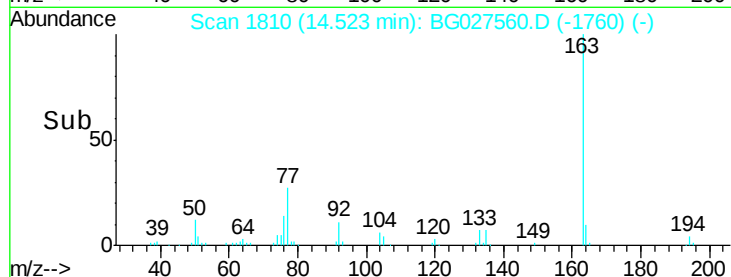
164 9.6 9.3 13.9



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: 11.882 ng

RT: 14.65 min Scan# 1832

Delta R.T. -0.01 min

Lab File: BG027560.D

Acq: 21 Jun 2017 14:51

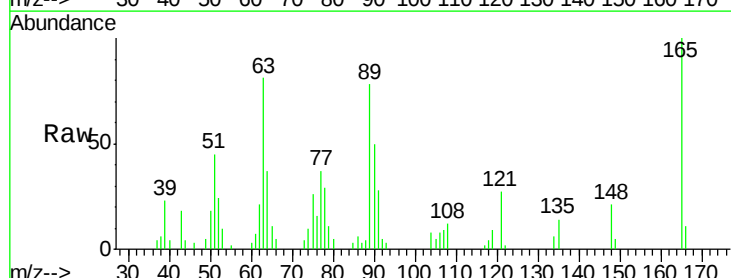
Tgt Ion:165 Resp: 12291

Ion Ratio Lower Upper

165 100

63 80.9 63.9 95.9

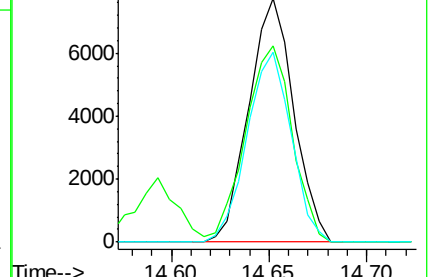
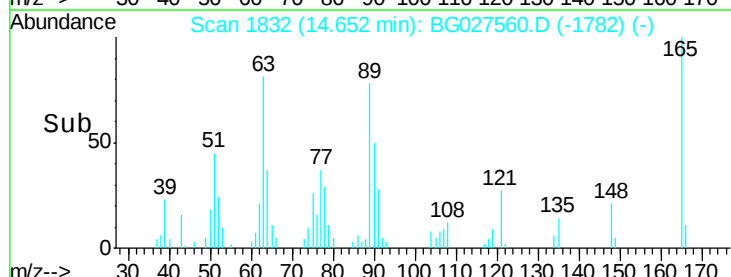
89 78.2 58.6 88.0

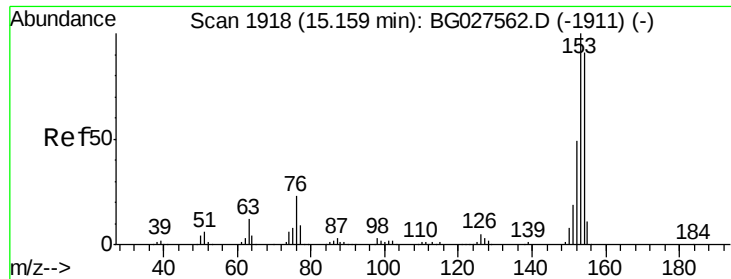


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 10.609 ng

RT: 15.15 min Scan# 1917

Delta R.T. -0.01 min

Lab File: BG027560.D

Acq: 21 Jun 2017 14:51

Instrument :

BNA\_G

ClientSampleId :

SSTDICC010

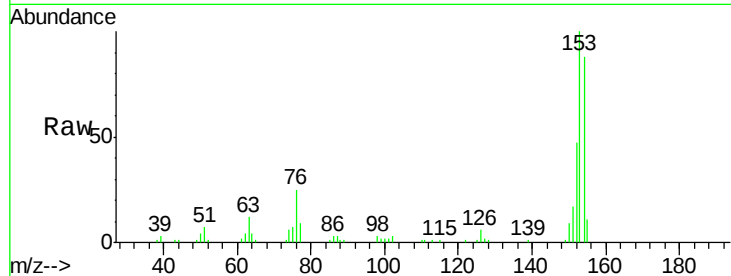
Tgt Ion:154 Resp: 50026

Ion Ratio Lower Upper

154 100

153 113.4 87.8 131.6

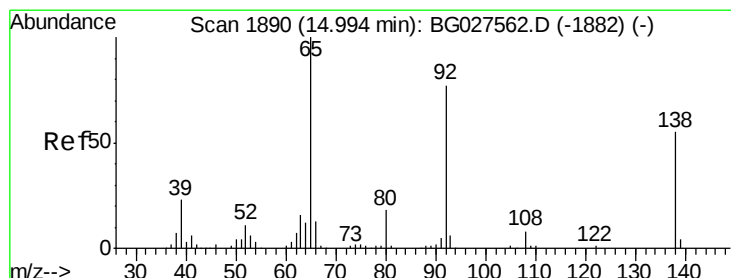
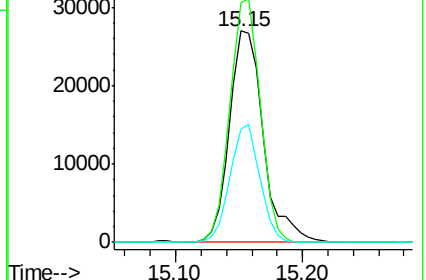
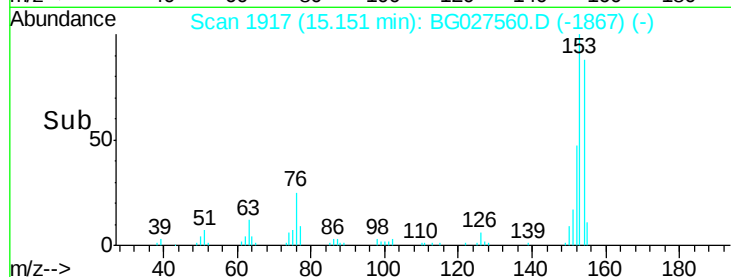
152 53.4 42.2 63.4



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: 12.201 ng

RT: 14.99 min Scan# 1889

Delta R.T. -0.01 min

Lab File: BG027560.D

Acq: 21 Jun 2017 14:51

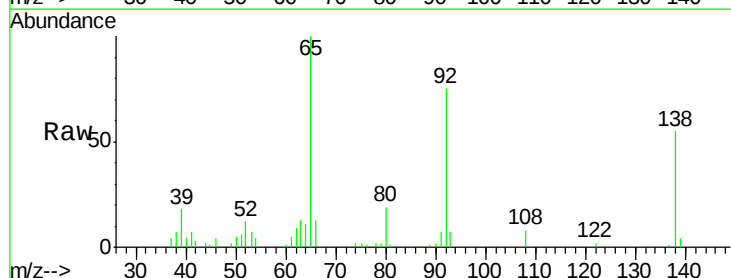
Tgt Ion:138 Resp: 13302

Ion Ratio Lower Upper

138 100

108 15.4 10.9 16.3

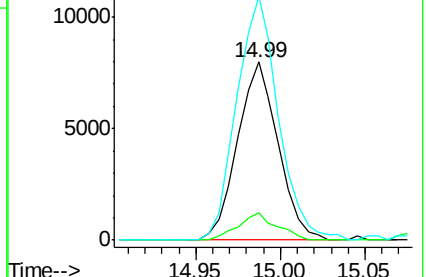
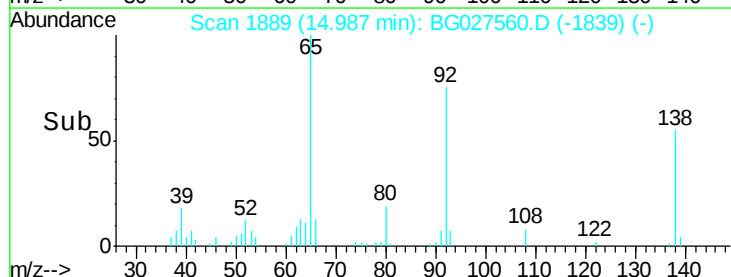
92 136.9 115.3 172.9

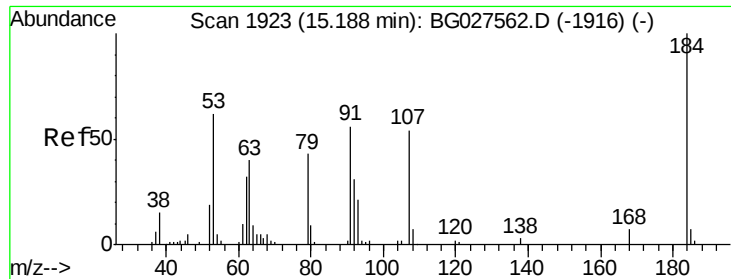


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

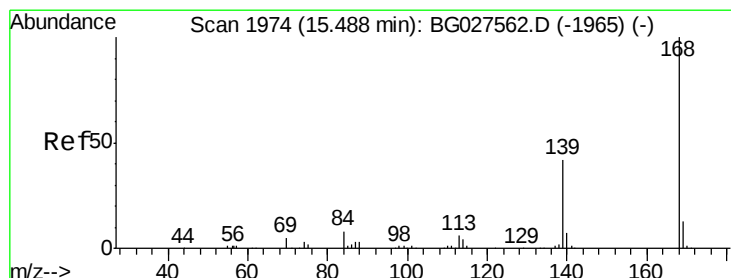
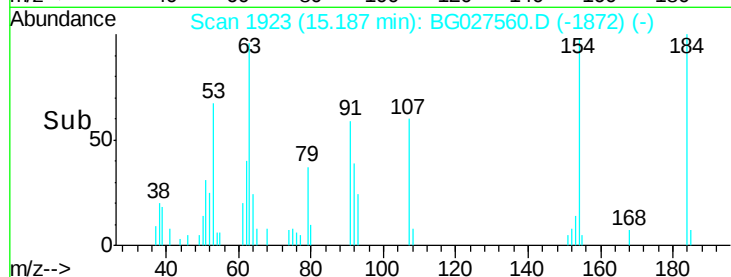
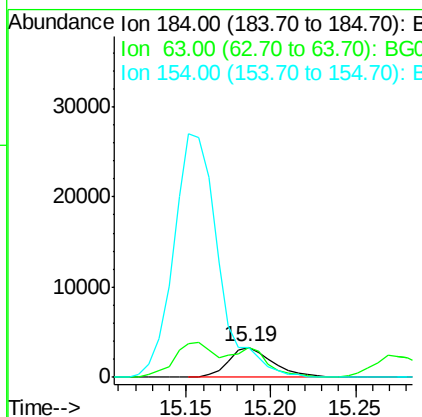
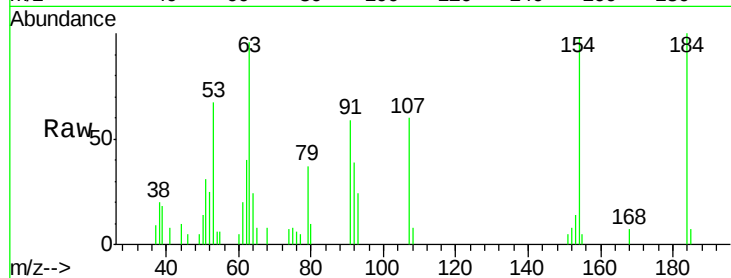




#53  
2,4-Dinitrophenol  
Concen: 14.793 ng  
RT: 15.19 min Scan# 1923  
Delta R.T. -0.00 min  
Lab File: BG027560.D  
Acq: 21 Jun 2017 14:51

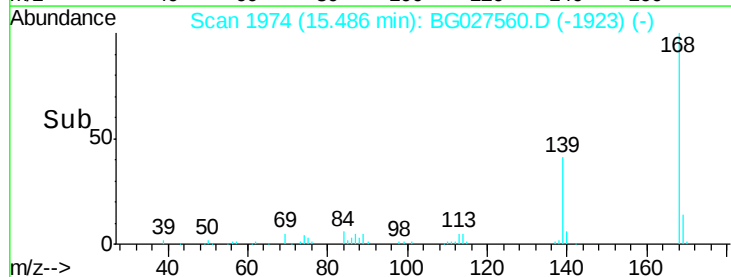
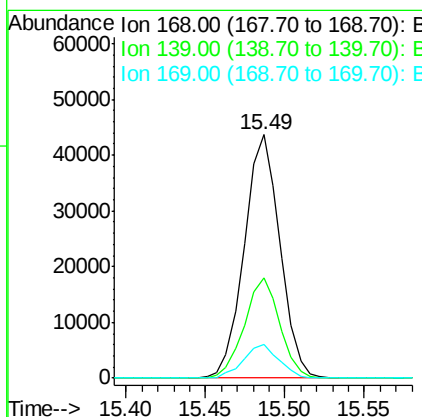
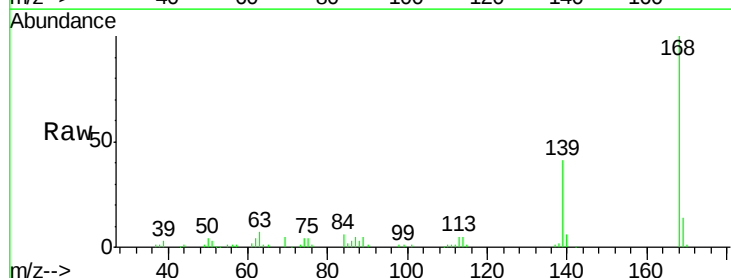
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDIC010

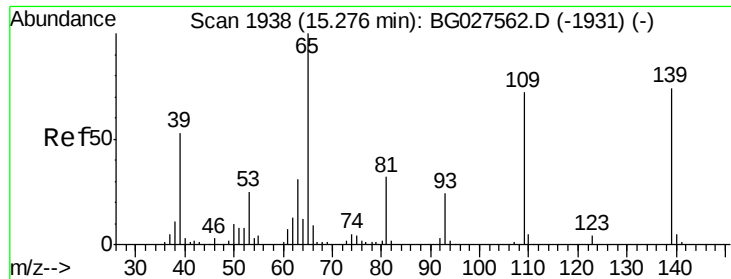
Tgt Ion:184 Resp: 5996  
Ion Ratio Lower Upper  
184 100  
63 96.4 52.7 79.1#  
154 98.2 57.3 85.9#



#54  
Dibenzofuran  
Concen: 10.351 ng  
RT: 15.49 min Scan# 1974  
Delta R.T. -0.00 min  
Lab File: BG027560.D  
Acq: 21 Jun 2017 14:51

Tgt Ion:168 Resp: 68212  
Ion Ratio Lower Upper  
168 100  
139 41.0 35.3 52.9  
169 14.0 11.5 17.3





#55

4-Nitrophenol

Concen: 11.524 ng

RT: 15.27 min Scan# 1938

Delta R.T. -0.00 min

Lab File: BG027560.D

Acq: 21 Jun 2017 14:51

Instrument :

BNA\_G

ClientSampleId :

SSTDIC010

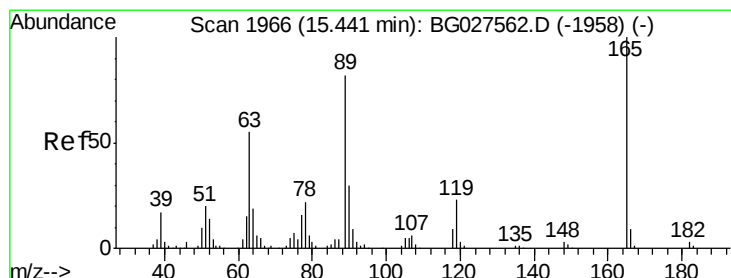
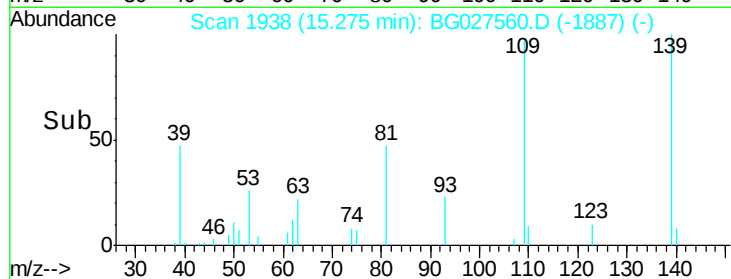
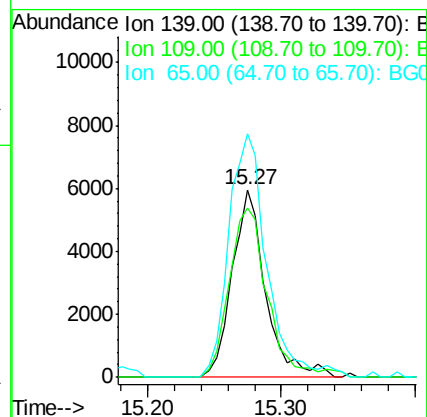
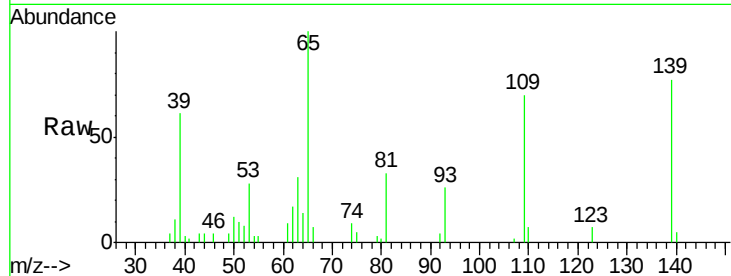
Tgt Ion:139 Resp: 10434

Ion Ratio Lower Upper

139 100

109 90.4 101.2 141.2#

65 129.6 135.3 175.3#



#56

2,4-Dinitrotoluene

Concen: 13.503 ng

RT: 15.43 min Scan# 1965

Delta R.T. -0.01 min

Lab File: BG027560.D

Acq: 21 Jun 2017 14:51

Tgt Ion:165 Resp: 17615

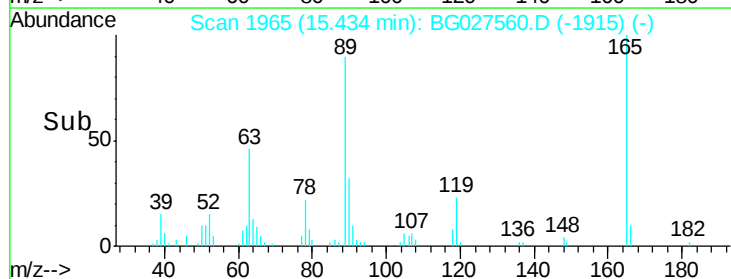
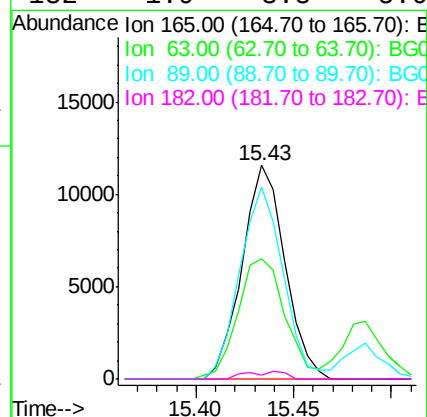
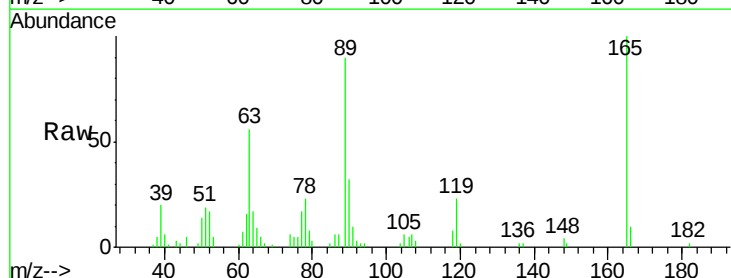
Ion Ratio Lower Upper

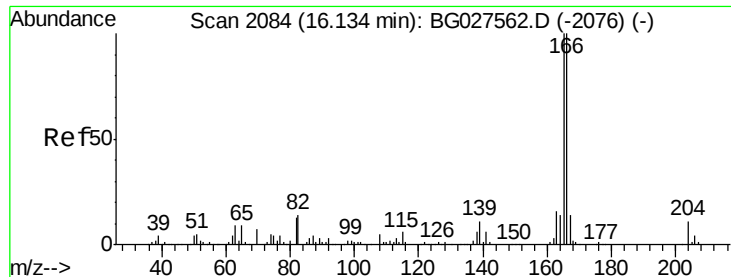
165 100

63 56.3 44.0 66.0

89 90.0 67.3 100.9

182 1.9 3.8 5.6#

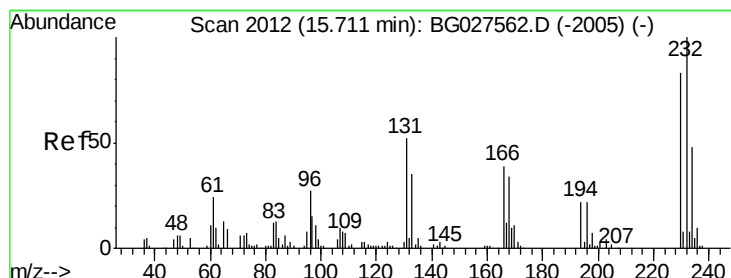
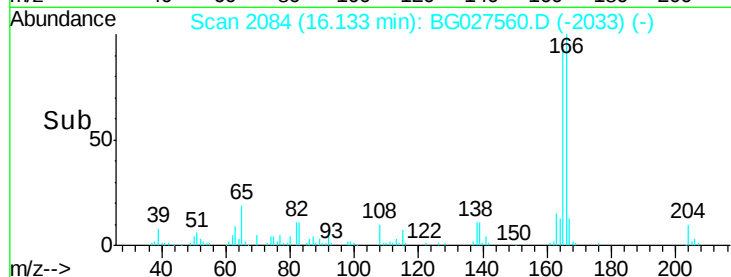
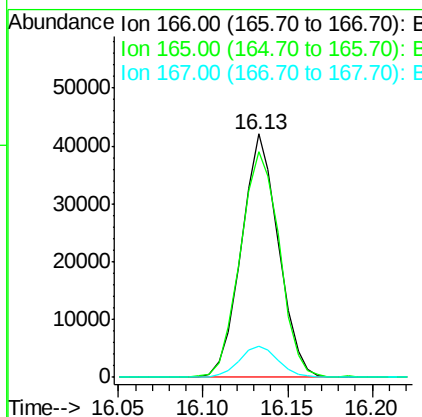
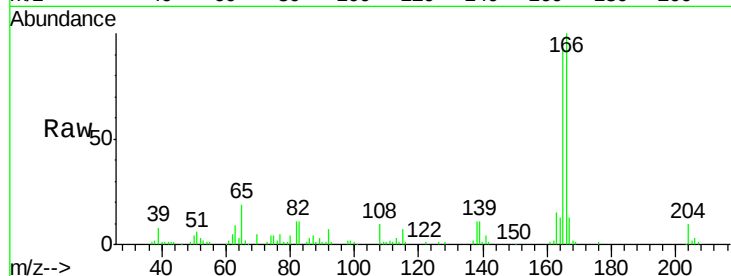




#57  
 Fluorene  
 Concen: 10.951 ng  
 RT: 16.13 min Scan# 2084  
 Delta R.T. -0.00 min  
 Lab File: BG027560.D  
 Acq: 21 Jun 2017 14:51

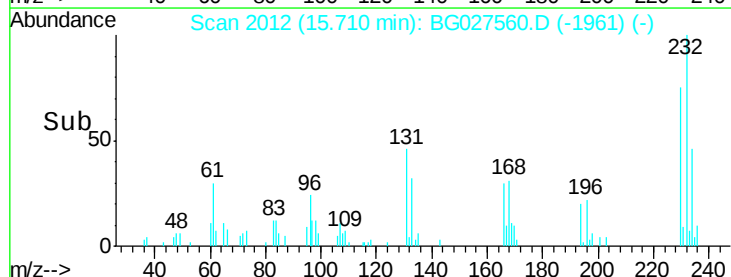
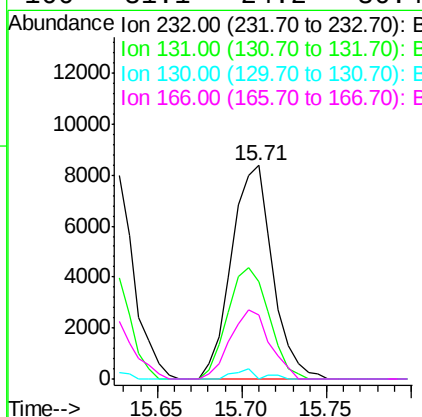
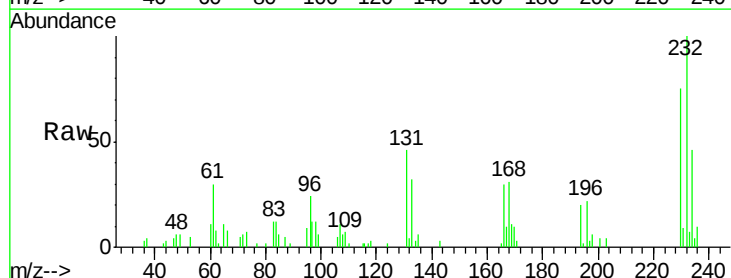
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDICC010

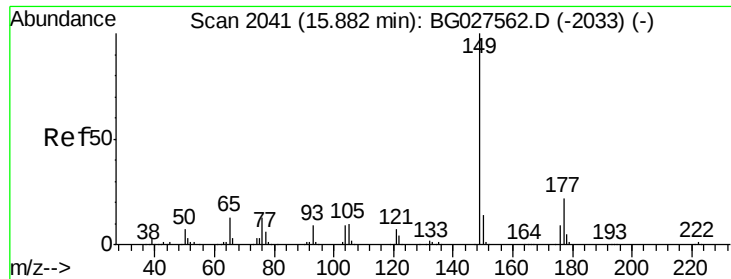
Tgt Ion:166 Resp: 64098  
 Ion Ratio Lower Upper  
 166 100  
 165 92.8 78.6 117.8  
 167 12.6 11.6 17.4



#58  
 2,3,4,6-Tetrachlorophenol  
 Concen: 10.739 ng  
 RT: 15.71 min Scan# 2012  
 Delta R.T. -0.00 min  
 Lab File: BG027560.D  
 Acq: 21 Jun 2017 14:51

Tgt Ion:232 Resp: 14188  
 Ion Ratio Lower Upper  
 232 100  
 131 52.4 34.9 52.3#  
 130 2.9 2.3 3.5  
 166 31.1 24.2 36.4

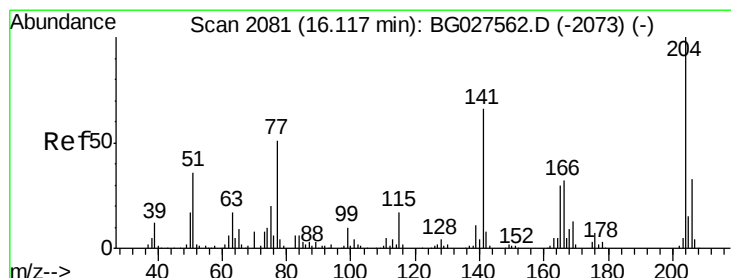
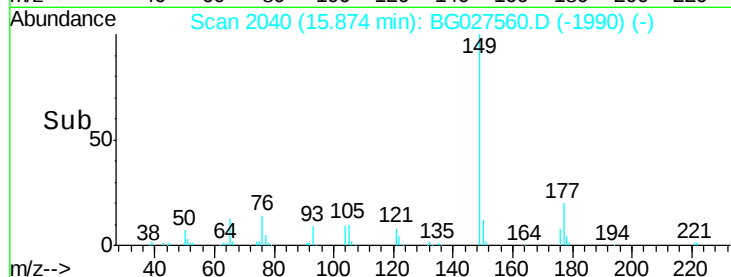
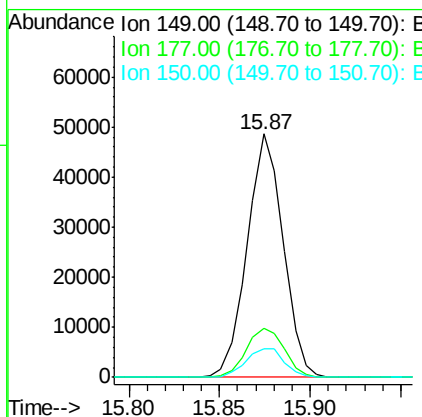
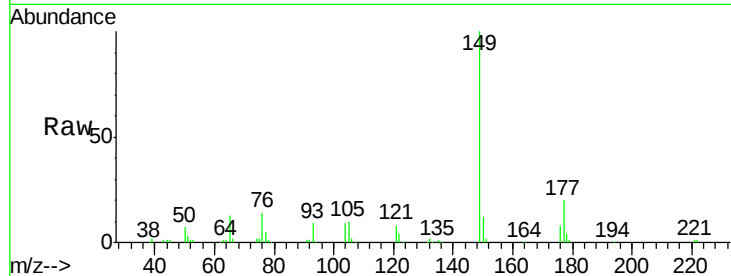




#59  
Diethylphthalate  
Concen: 12.109 ng  
RT: 15.87 min Scan# 2040  
Delta R.T. -0.01 min  
Lab File: BG027560.D  
Acq: 21 Jun 2017 14:51

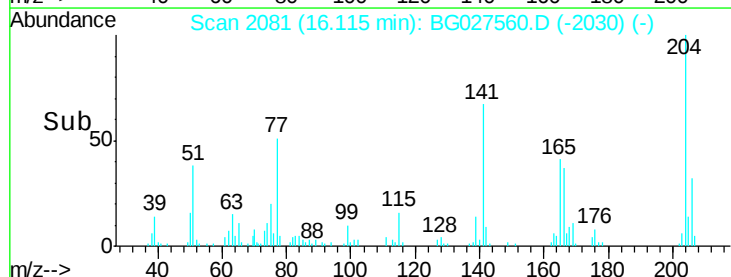
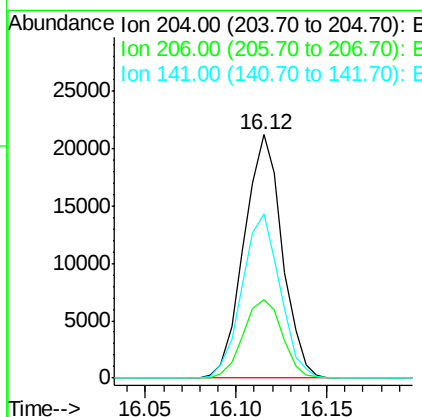
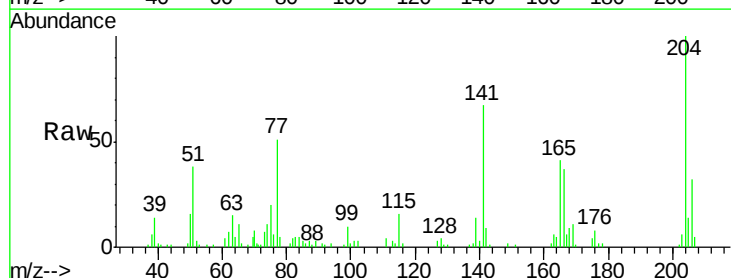
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDIC010

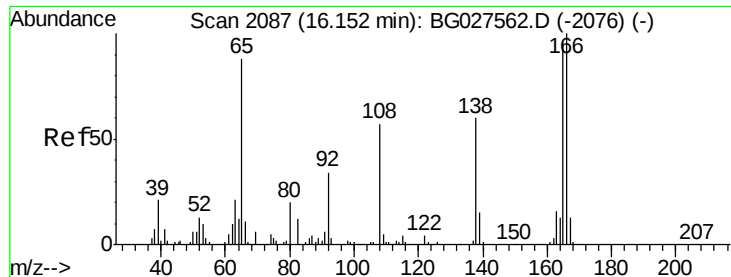
Tgt Ion:149 Resp: 67064  
Ion Ratio Lower Upper  
149 100  
177 20.3 20.1 30.1  
150 11.5 10.2 15.2



#60  
4-Chlorophenyl-phenylether  
Concen: 10.480 ng  
RT: 16.12 min Scan# 2081  
Delta R.T. -0.00 min  
Lab File: BG027560.D  
Acq: 21 Jun 2017 14:51

Tgt Ion:204 Resp: 30897  
Ion Ratio Lower Upper  
204 100  
206 32.0 30.1 45.1  
141 67.2 50.6 76.0

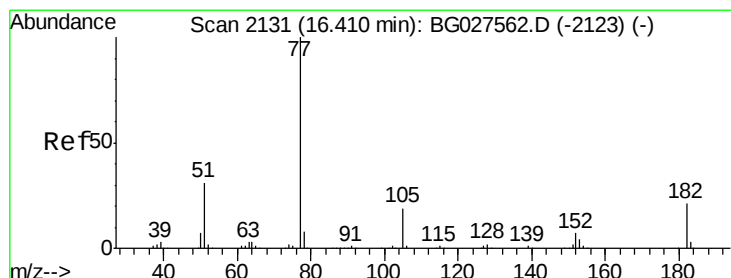
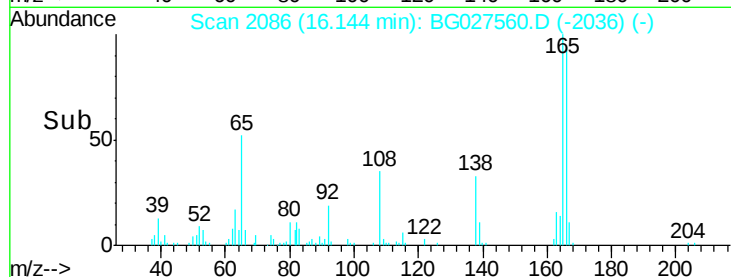
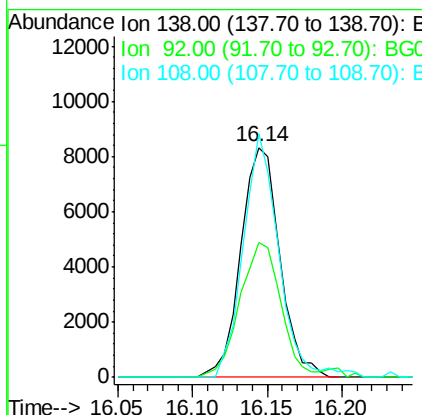
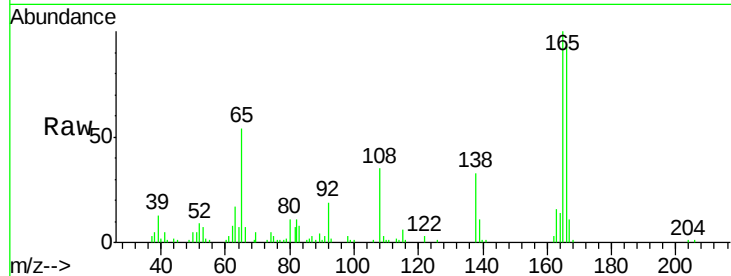




#61  
4-Nitroaniline  
Concen: 13.630 ng  
RT: 16.14 min Scan# 2086  
Delta R.T. -0.01 min  
Lab File: BG027560.D  
Acq: 21 Jun 2017 14:51

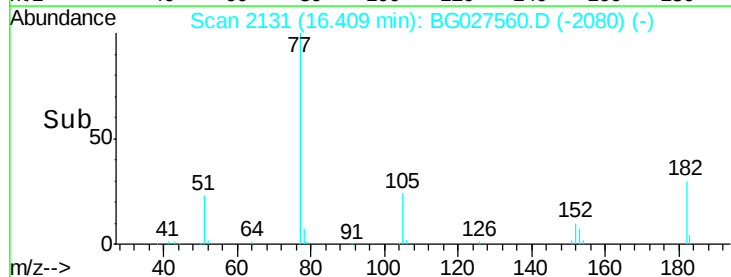
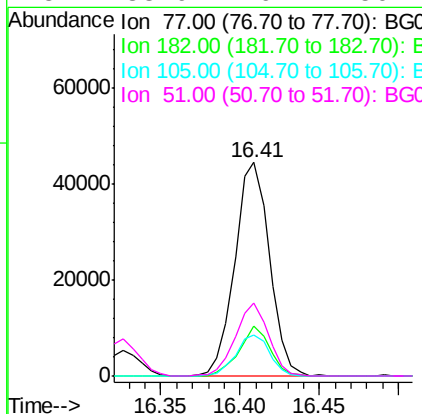
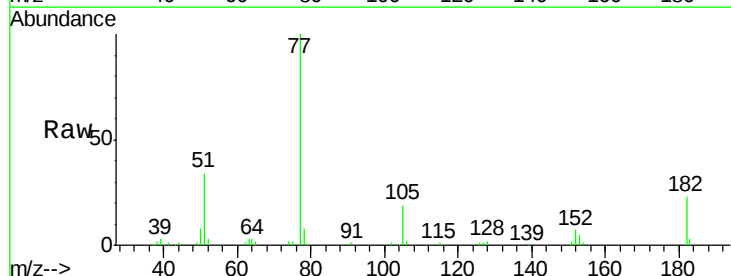
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC010

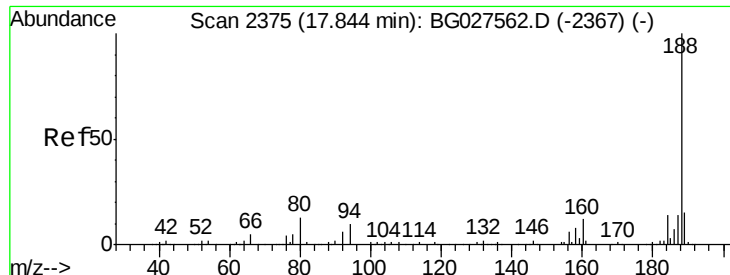
Tgt Ion:138 Resp: 15026  
Ion Ratio Lower Upper  
138 100  
92 58.6 44.2 84.2  
108 106.0 104.8 144.8



#62  
Azobenzene  
Concen: 13.131 ng  
RT: 16.41 min Scan# 2131  
Delta R.T. -0.00 min  
Lab File: BG027560.D  
Acq: 21 Jun 2017 14:51

Tgt Ion: 77 Resp: 67404  
Ion Ratio Lower Upper  
77 100  
182 23.1 4.7 44.7  
105 19.0 0.0 36.3  
51 33.9 16.4 56.4

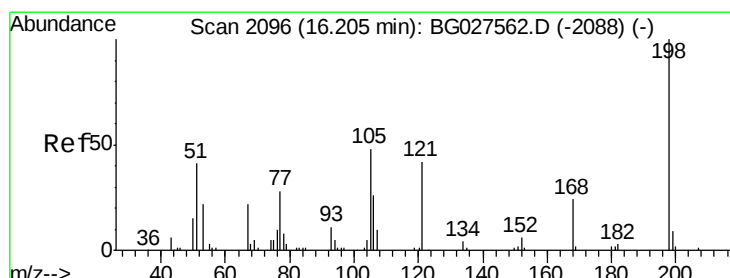
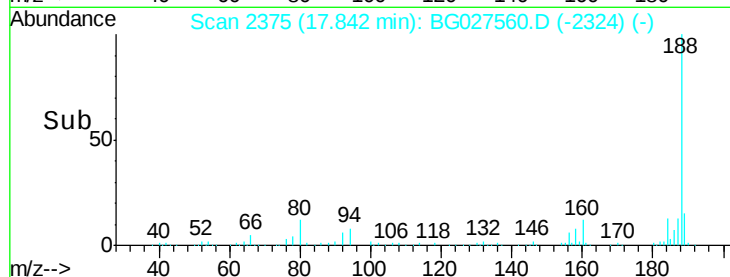
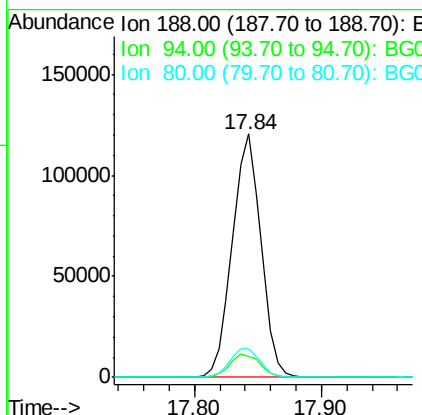
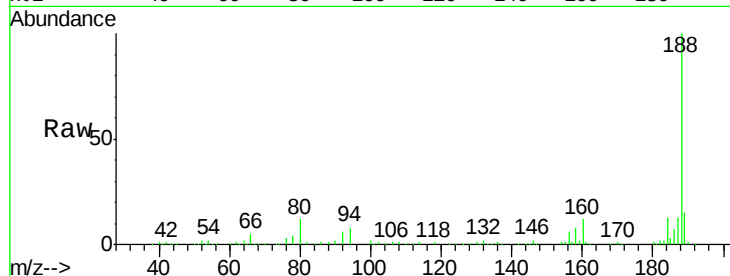




#63  
 Phenanthrene-d10  
 Concen: 20.000 ng  
 RT: 17.84 min Scan# 2375  
 Delta R.T. -0.00 min  
 Lab File: BG027560.D  
 Acq: 21 Jun 2017 14:51

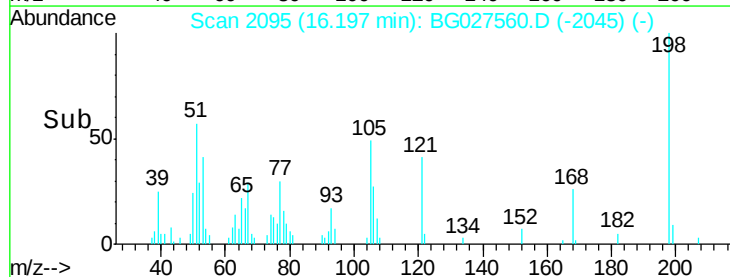
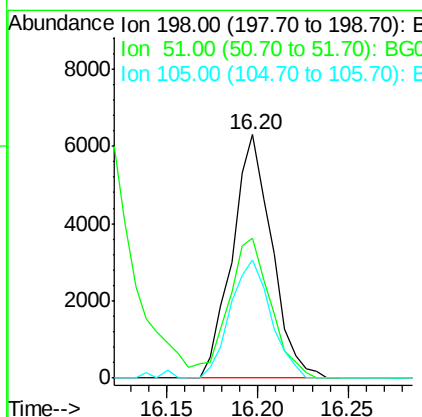
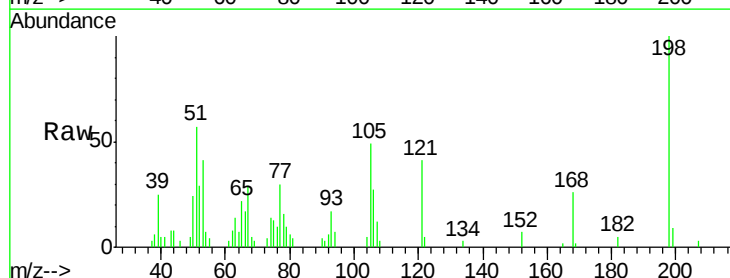
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDICC010

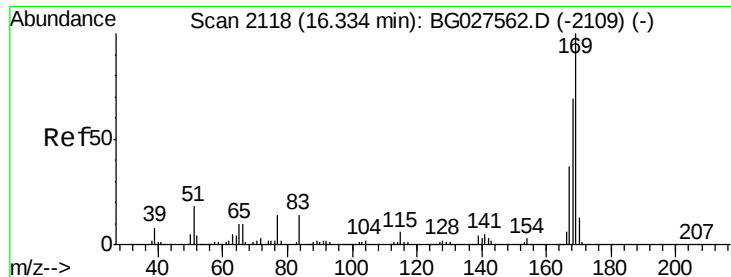
Tgt Ion:188 Resp: 187619  
 Ion Ratio Lower Upper  
 188 100  
 94 8.5 5.8 8.8  
 80 12.0 7.5 11.3#



#64  
 4,6-Dinitro-2-methylphenol  
 Concen: 12.475 ng  
 RT: 16.20 min Scan# 2095  
 Delta R.T. -0.01 min  
 Lab File: BG027560.D  
 Acq: 21 Jun 2017 14:51

Tgt Ion:198 Resp: 9559  
 Ion Ratio Lower Upper  
 198 100  
 51 57.5 22.6 62.6  
 105 48.6 14.4 54.4

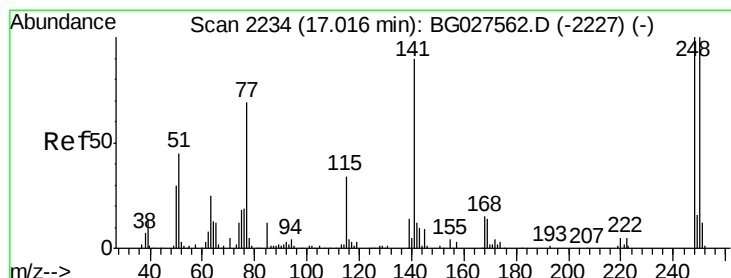
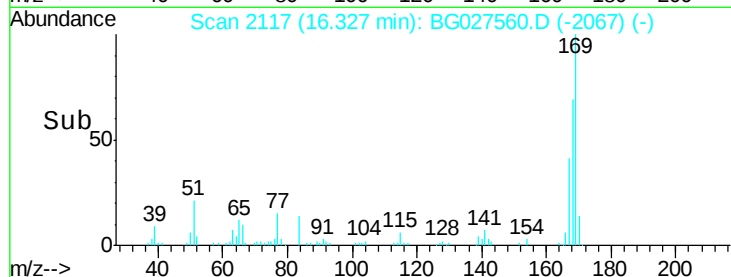
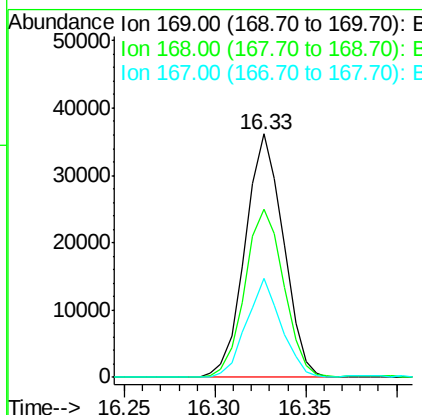
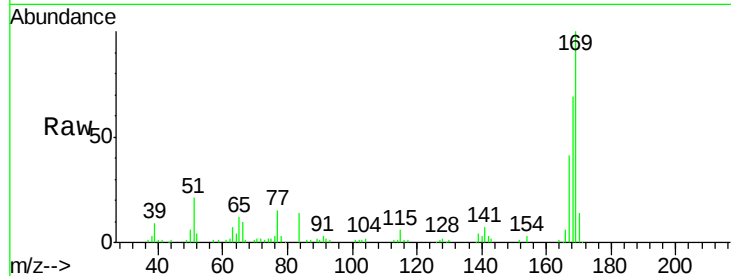




#65  
 n-Nitrosodiphenylamine  
 Concen: 8.996 ng  
 RT: 16.33 min Scan# 2117  
 Delta R.T. -0.01 min  
 Lab File: BG027560.D  
 Acq: 21 Jun 2017 14:51

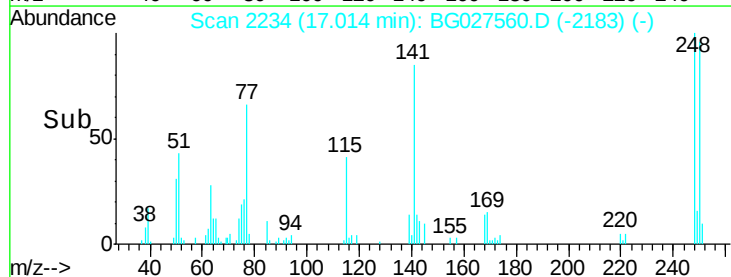
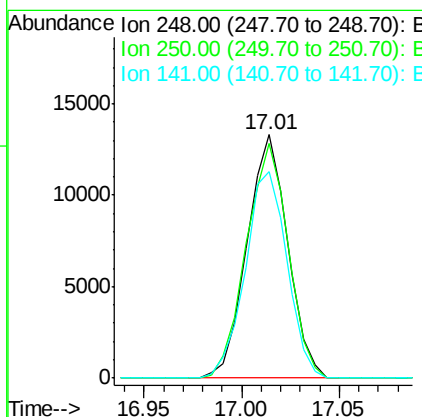
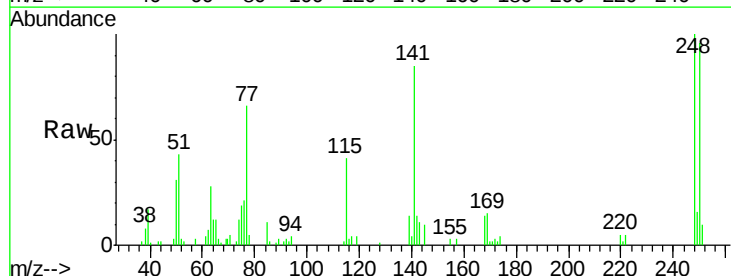
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDICC010

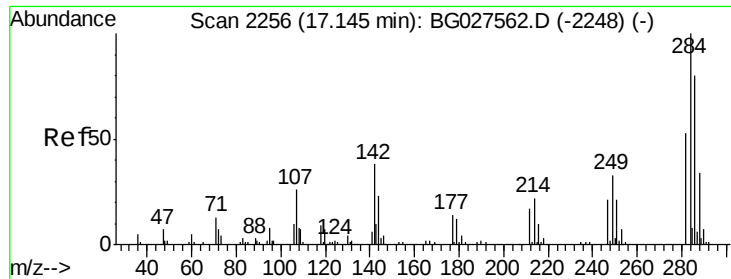
Tgt Ion:169 Resp: 52916  
 Ion Ratio Lower Upper  
 169 100  
 168 69.1 55.7 83.5  
 167 40.7 29.8 44.6



#66  
 4-Bromophenyl-phenylether  
 Concen: 8.642 ng  
 RT: 17.01 min Scan# 2234  
 Delta R.T. -0.00 min  
 Lab File: BG027560.D  
 Acq: 21 Jun 2017 14:51

Tgt Ion:248 Resp: 19190  
 Ion Ratio Lower Upper  
 248 100  
 250 96.4 75.0 112.6  
 141 84.8 55.2 82.8#





#67

Hexachlorobenzene

Concen: 8.580 ng

RT: 17.14 min Scan# 2255

Delta R.T. -0.01 min

Lab File: BG027560.D

Acq: 21 Jun 2017 14:51

Instrument :

BNA\_G

ClientSampleId :

SSTDIC010

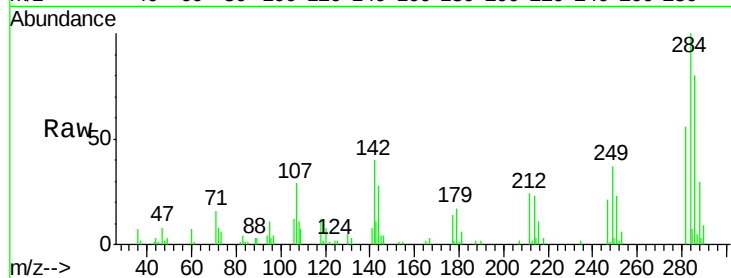
Tgt Ion:284 Resp: 20493

Ion Ratio Lower Upper

284 100

142 40.3 29.9 44.9

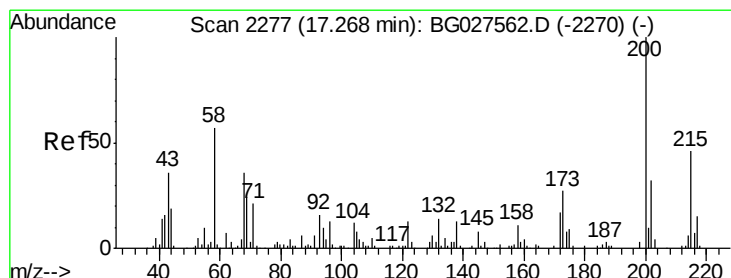
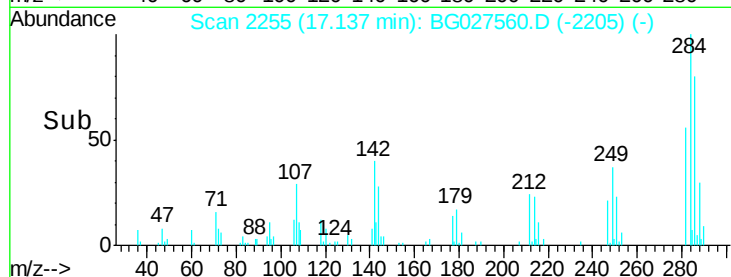
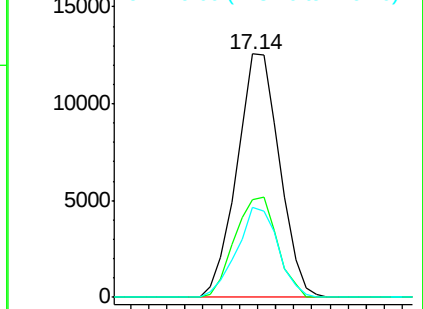
249 36.8 29.2 43.8



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 10.611 ng

RT: 17.27 min Scan# 2277

Delta R.T. -0.00 min

Lab File: BG027560.D

Acq: 21 Jun 2017 14:51

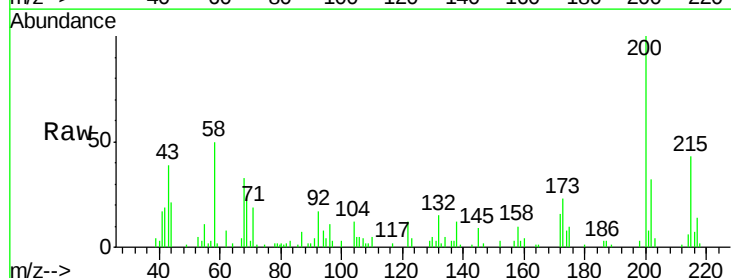
Tgt Ion:200 Resp: 20872

Ion Ratio Lower Upper

200 100

173 23.2 3.0 43.0

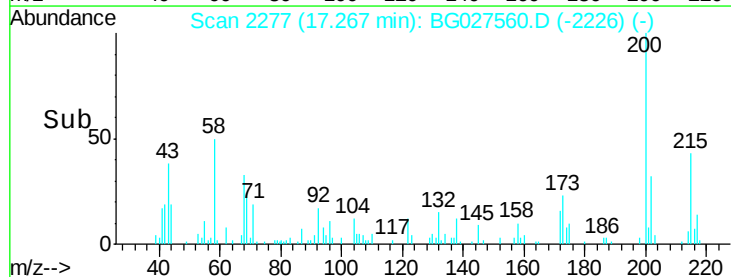
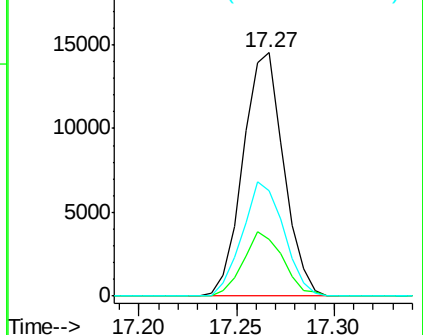
215 43.2 28.4 68.4

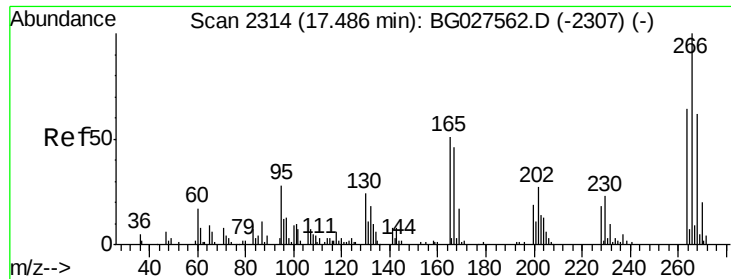


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 8.075 ng

RT: 17.48 min Scan# 2313

Delta R.T. -0.01 min

Lab File: BG027560.D

Acq: 21 Jun 2017 14:51

Instrument :

BNA\_G

ClientSampleId :

SSTDIC010

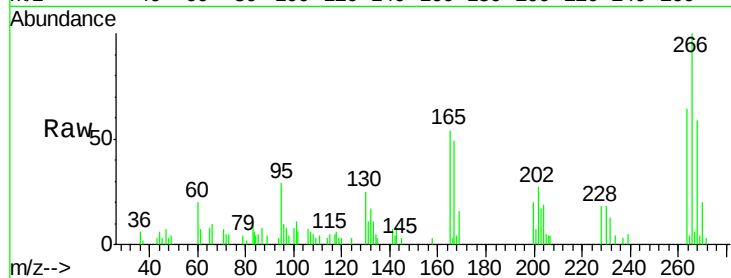
Tgt Ion:266 Resp: 11305

Ion Ratio Lower Upper

266 100

268 59.2 48.6 72.8

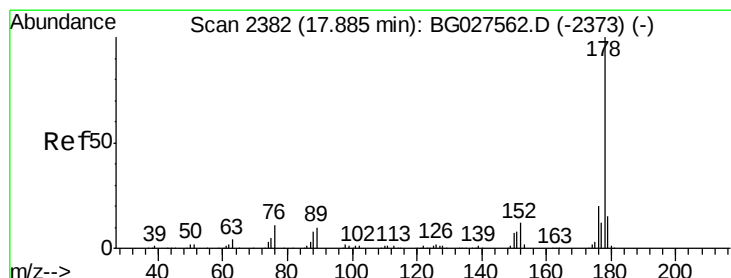
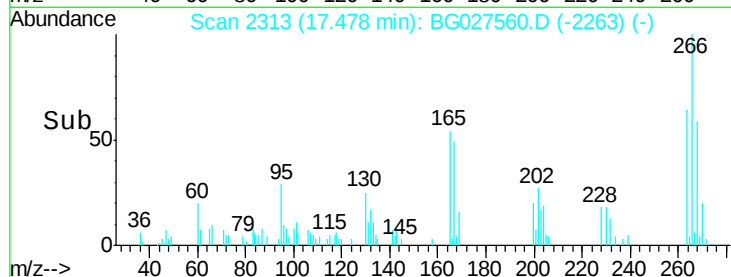
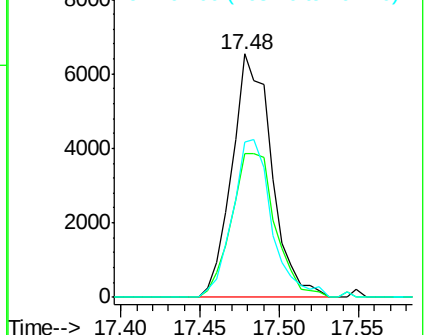
264 63.7 50.1 75.1



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: 9.849 ng

RT: 17.88 min Scan# 2382

Delta R.T. -0.00 min

Lab File: BG027560.D

Acq: 21 Jun 2017 14:51

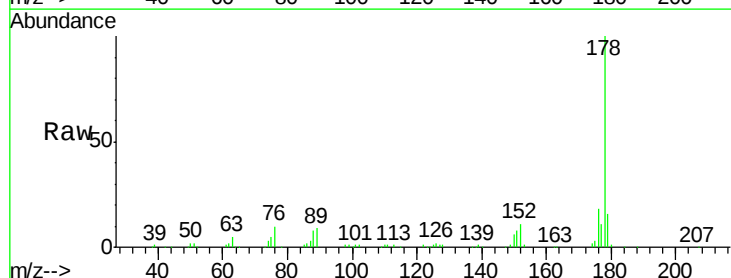
Tgt Ion:178 Resp: 103965

Ion Ratio Lower Upper

178 100

176 18.3 17.7 26.5

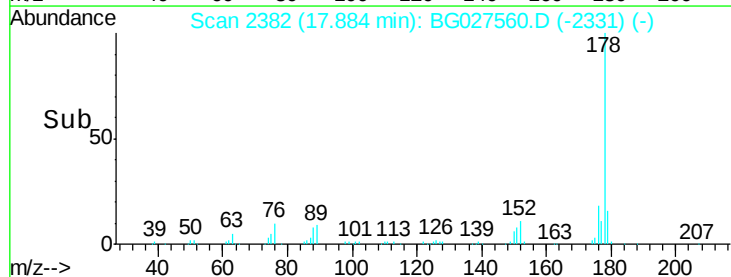
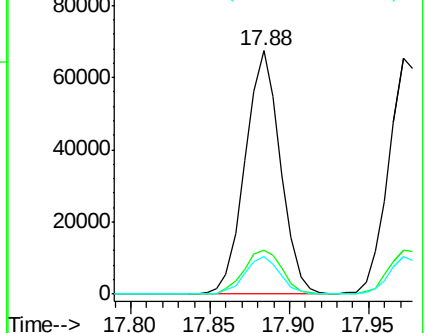
179 15.7 15.0 22.6

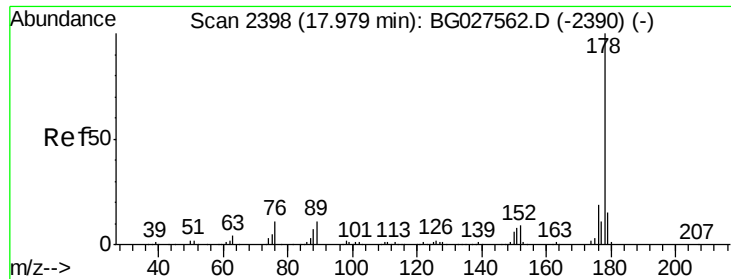


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

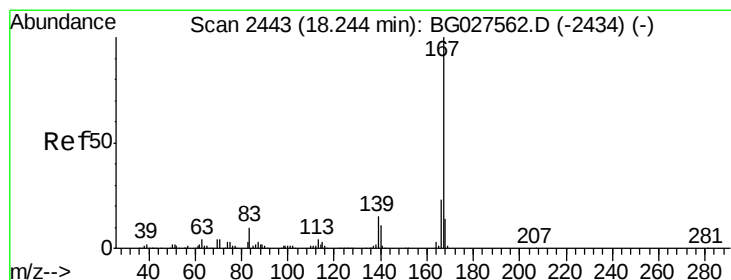
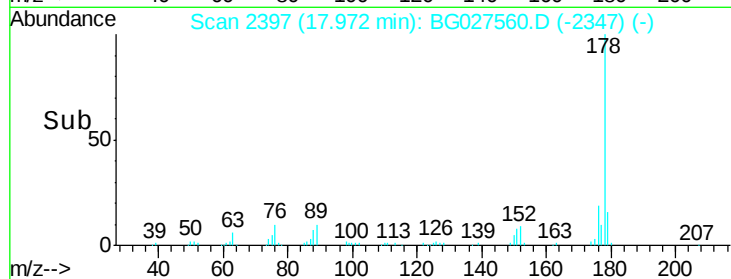
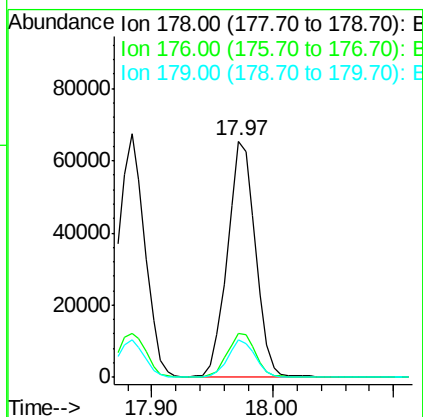
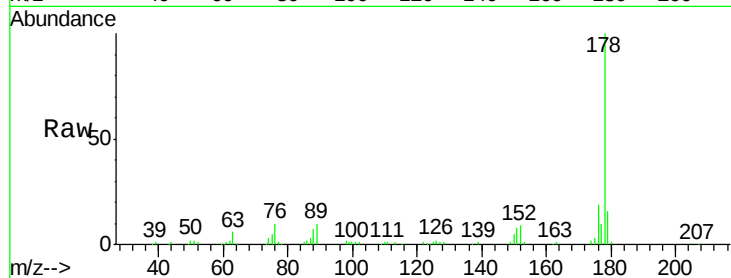




#71  
 Anthracene  
 Concen: 9.982 ng  
 RT: 17.97 min Scan# 2397  
 Delta R.T. -0.01 min  
 Lab File: BG027560.D  
 Acq: 21 Jun 2017 14:51

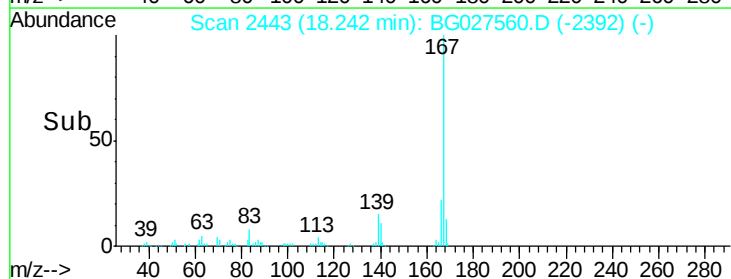
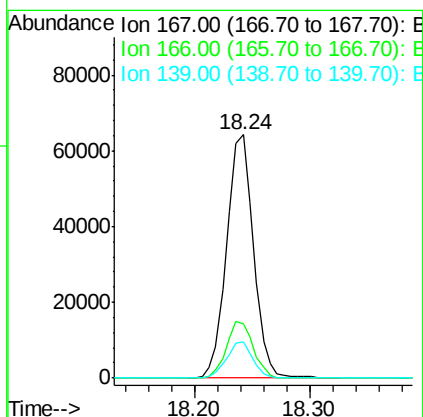
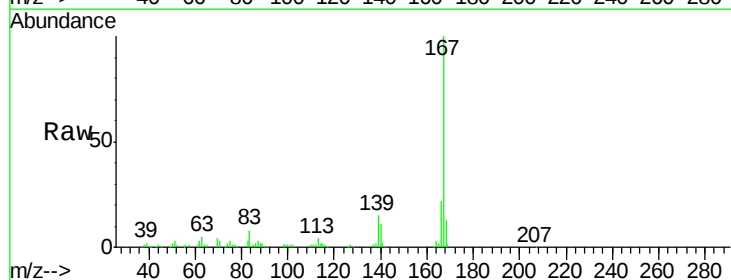
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDICC010

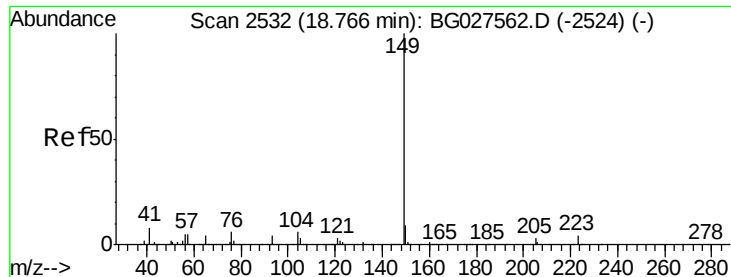
Tgt Ion:178 Resp: 105562  
 Ion Ratio Lower Upper  
 178 100  
 176 18.7 16.4 24.6  
 179 15.8 13.8 20.8



#72  
 Carbazole  
 Concen: 10.403 ng  
 RT: 18.24 min Scan# 2443  
 Delta R.T. -0.00 min  
 Lab File: BG027560.D  
 Acq: 21 Jun 2017 14:51

Tgt Ion:167 Resp: 103767  
 Ion Ratio Lower Upper  
 167 100  
 166 22.4 20.2 30.2  
 139 14.6 12.8 19.2





#73

Di-n-butylphthalate

Concen: 11.723 ng

RT: 18.76 min Scan# 2532

Delta R.T. -0.00 min

Lab File: BG027560.D

Acq: 21 Jun 2017 14:51

Instrument :

BNA\_G

ClientSampleId :

SSTDICC010

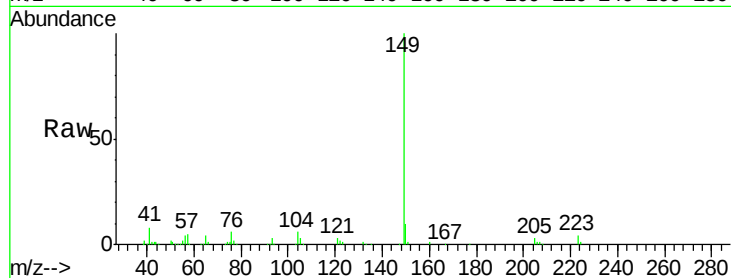
Tgt Ion:149 Resp: 113380

Ion Ratio Lower Upper

149 100

150 9.7 9.1 13.7

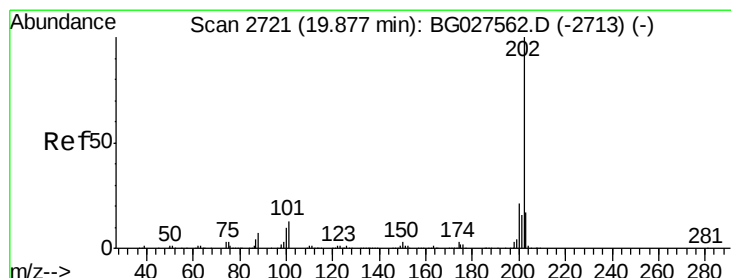
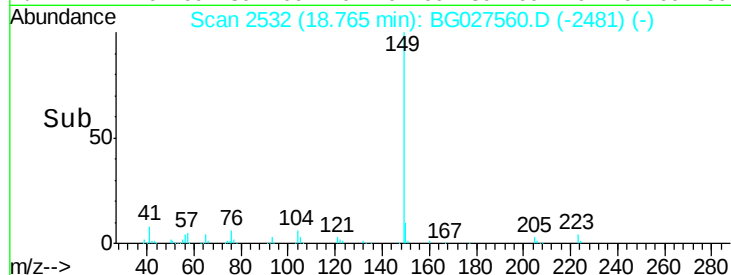
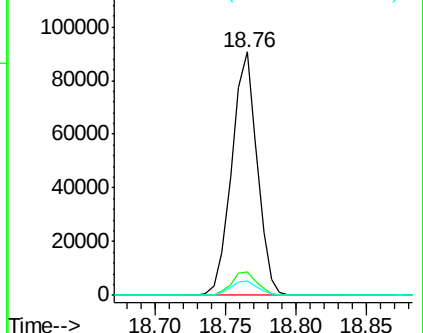
104 5.9 6.7 10.1#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 10.918 ng

RT: 19.88 min Scan# 2721

Delta R.T. -0.00 min

Lab File: BG027560.D

Acq: 21 Jun 2017 14:51

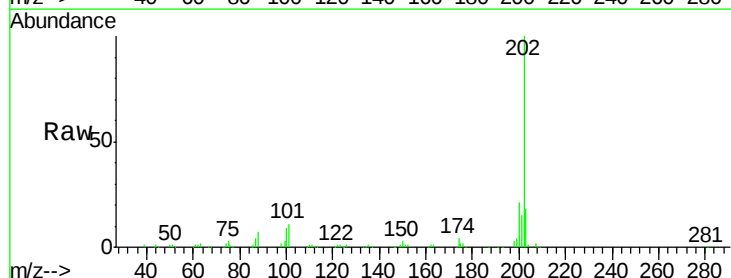
Tgt Ion:202 Resp: 123117

Ion Ratio Lower Upper

202 100

101 10.5 0.0 30.1

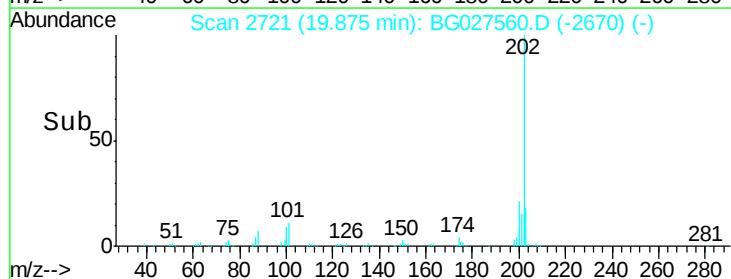
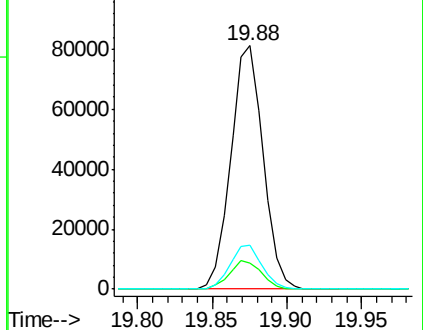
203 17.9 1.3 41.3

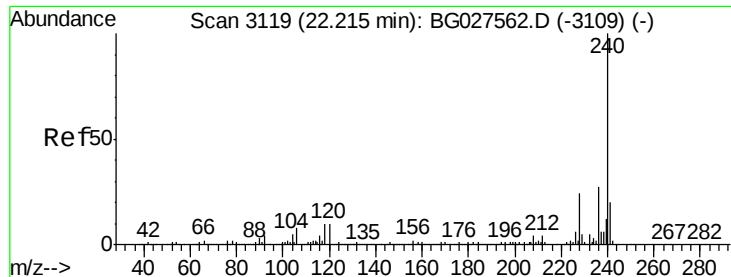


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.21 min Scan# 3118

Delta R.T. -0.01 min

Lab File: BG027560.D

Acq: 21 Jun 2017 14:51

Instrument :

BNA\_G

ClientSampleId :

SSTDICC010

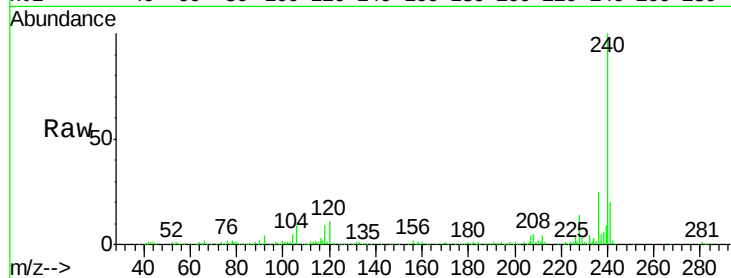
Tgt Ion:240 Resp: 211489

Ion Ratio Lower Upper

240 100

120 11.2 5.7 8.5#

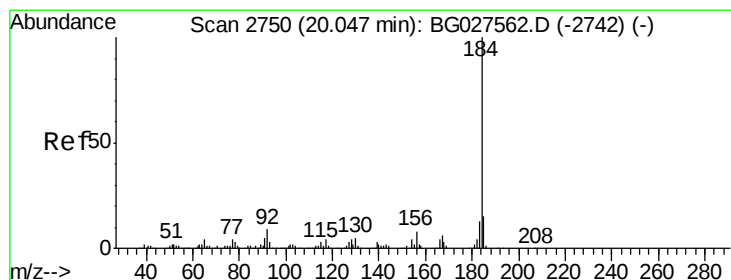
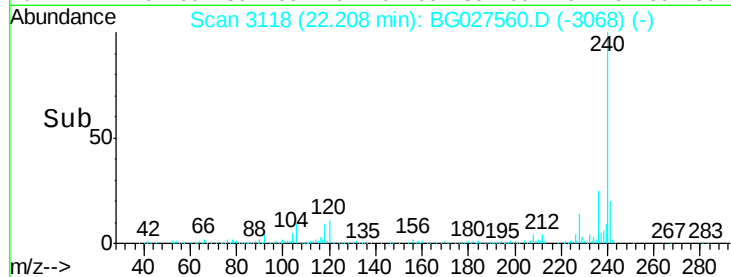
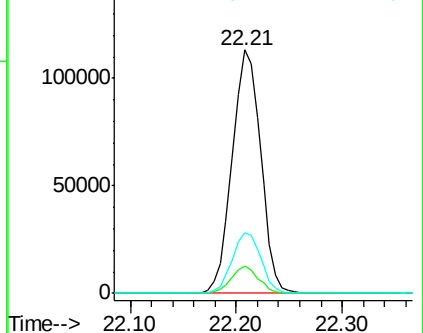
236 25.0 22.2 33.4



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 7.605 ng

RT: 20.05 min Scan# 2750

Delta R.T. -0.00 min

Lab File: BG027560.D

Acq: 21 Jun 2017 14:51

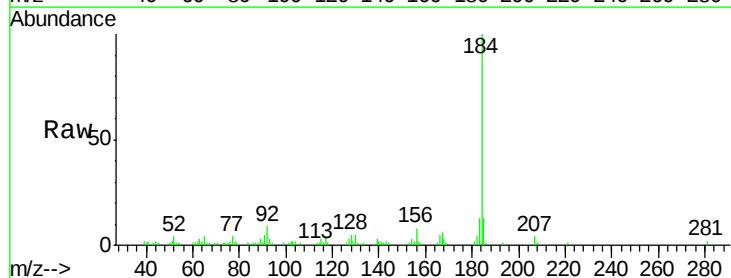
Tgt Ion:184 Resp: 48453

Ion Ratio Lower Upper

184 100

185 13.3 13.0 19.6

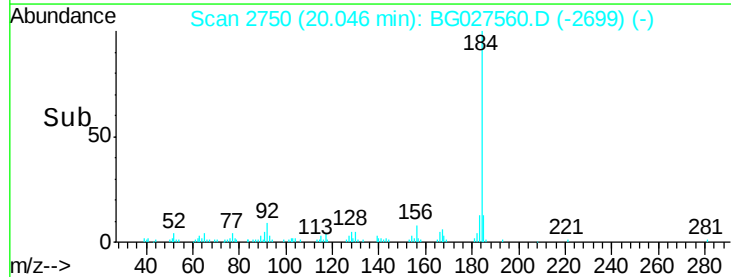
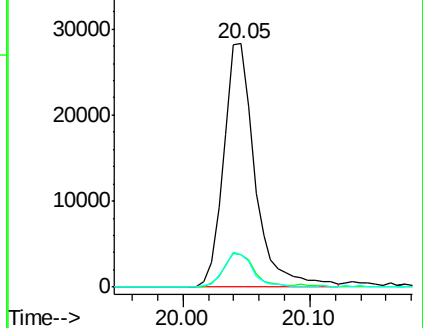
183 13.2 11.0 16.6

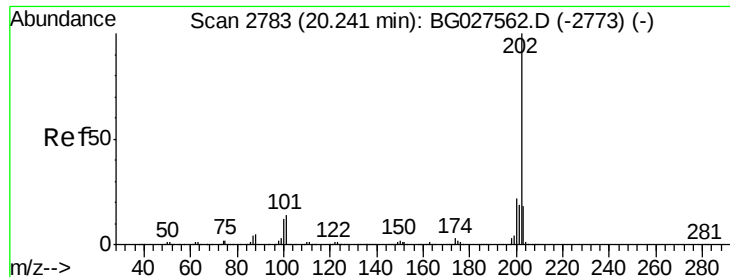


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

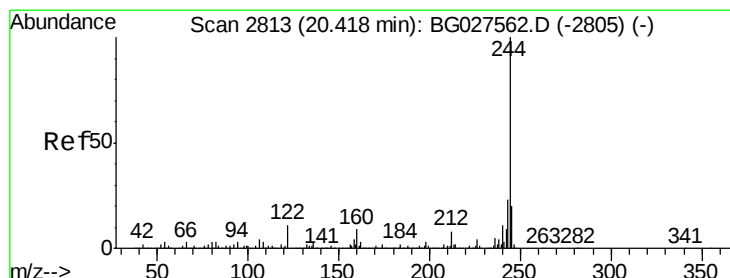
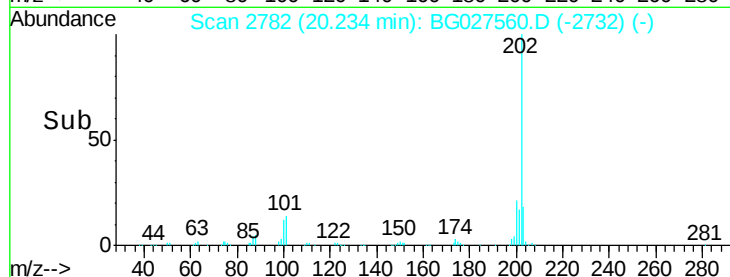
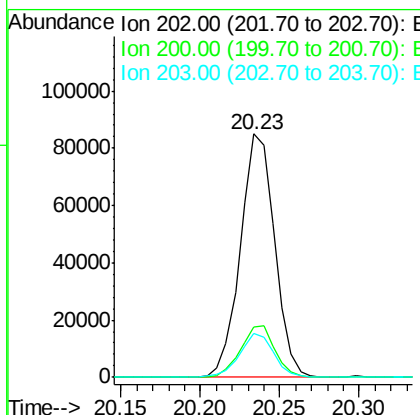
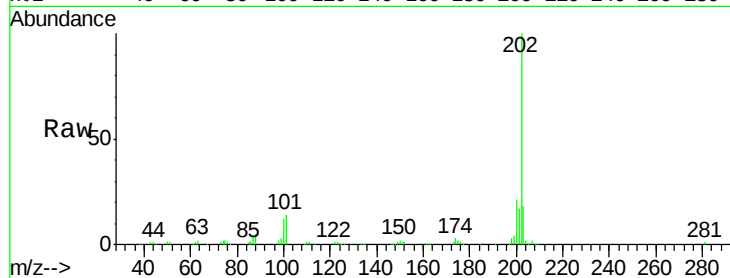




#77  
 Pyrene  
 Concen: 10.003 ng  
 RT: 20.23 min Scan# 2782  
 Delta R.T. -0.01 min  
 Lab File: BG027560.D  
 Acq: 21 Jun 2017 14:51

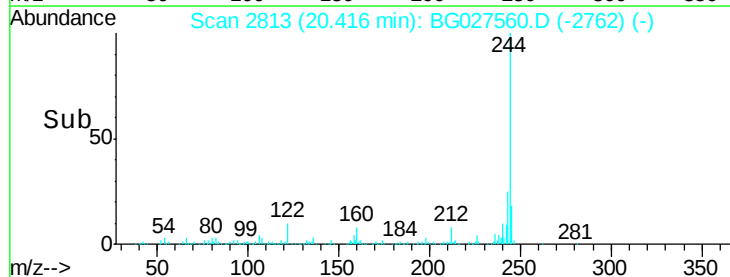
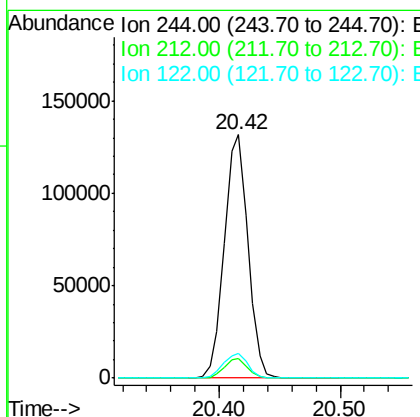
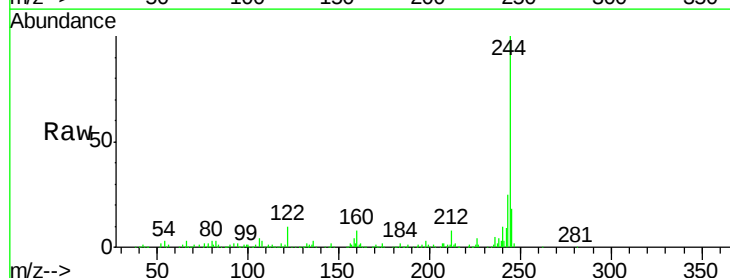
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDICC010

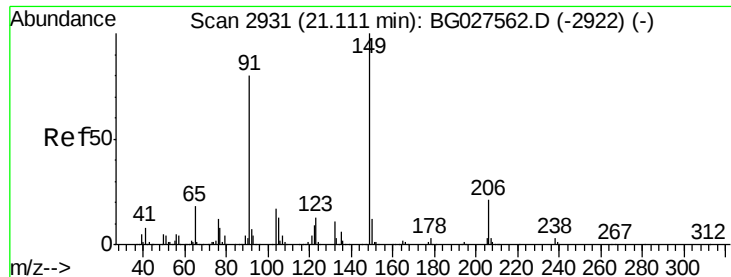
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 200     | 20.7  | 19.6  | 29.4  |
| 203     | 18.2  | 15.8  | 23.8  |



#78  
 Terphenyl-d14  
 Concen: 21.510 ng  
 RT: 20.42 min Scan# 2813  
 Delta R.T. -0.00 min  
 Lab File: BG027560.D  
 Acq: 21 Jun 2017 14:51

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 244     | 100   |       |       |
| 212     | 8.0   | 10.0  | 15.0# |
| 122     | 10.3  | 8.6   | 12.8  |

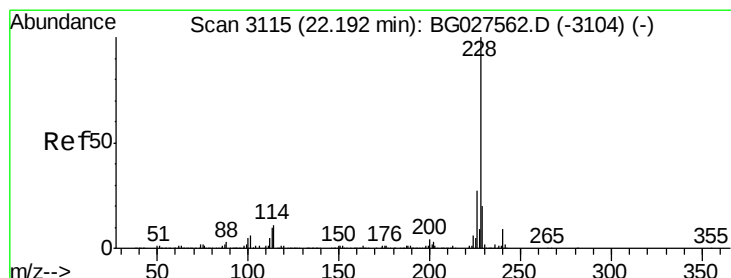
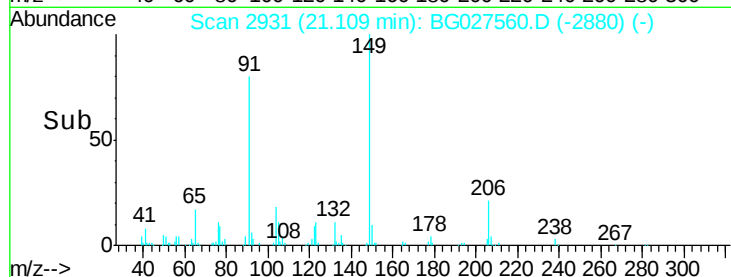
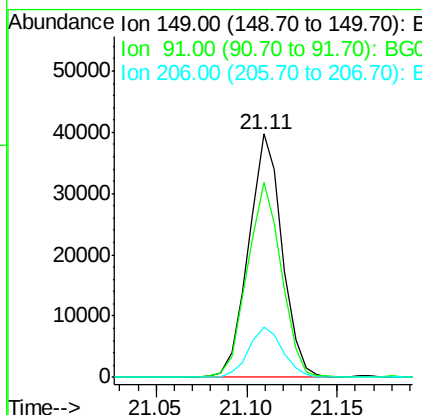
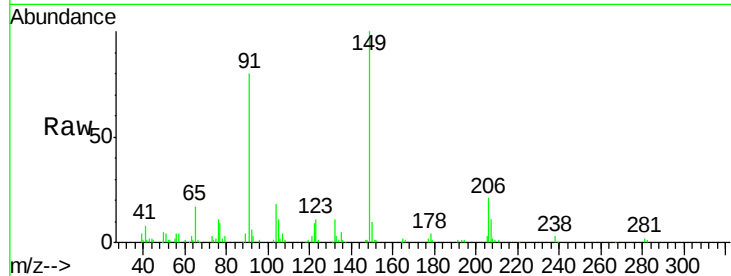




#79  
Butylbenzylphthalate  
Concen: 11.246 ng  
RT: 21.11 min Scan# 2931  
Delta R.T. -0.00 min  
Lab File: BG027560.D  
Acq: 21 Jun 2017 14:51

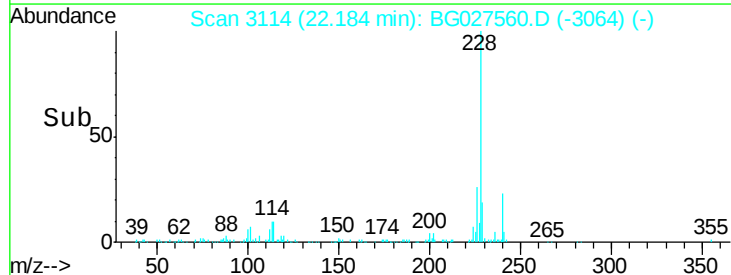
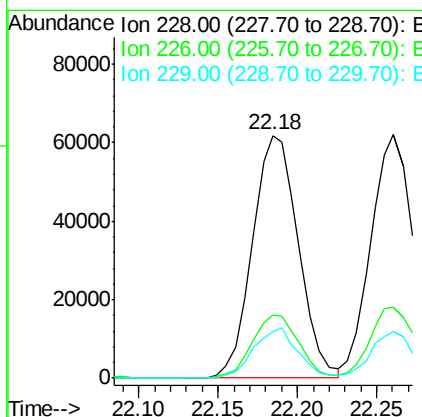
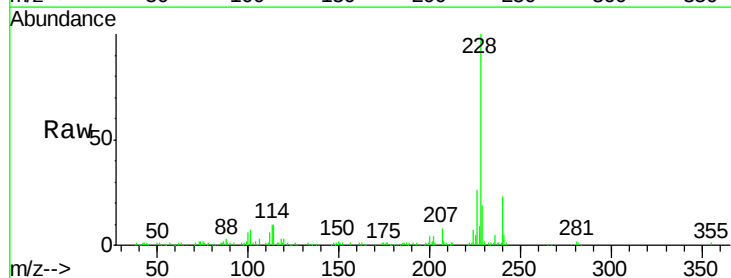
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC010

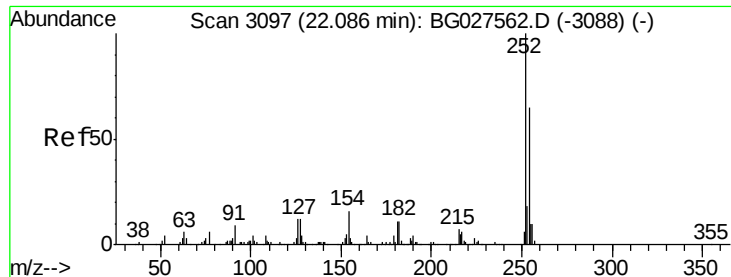
Tgt Ion:149 Resp: 50778  
Ion Ratio Lower Upper  
149 100  
91 79.9 63.5 95.3  
206 20.7 21.0 31.6#



#80  
Benzo(a)anthracene  
Concen: 10.286 ng  
RT: 22.18 min Scan# 3114  
Delta R.T. -0.01 min  
Lab File: BG027560.D  
Acq: 21 Jun 2017 14:51

Tgt Ion:228 Resp: 124052  
Ion Ratio Lower Upper  
228 100  
226 26.2 24.9 37.3  
229 19.0 18.2 27.2

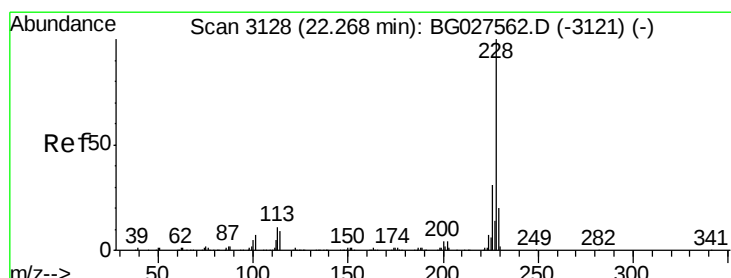
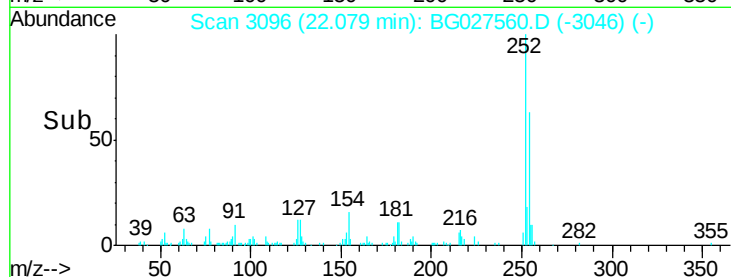
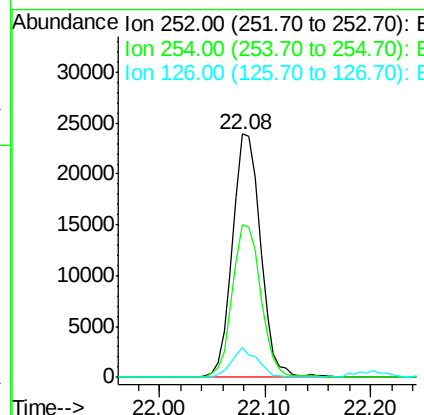
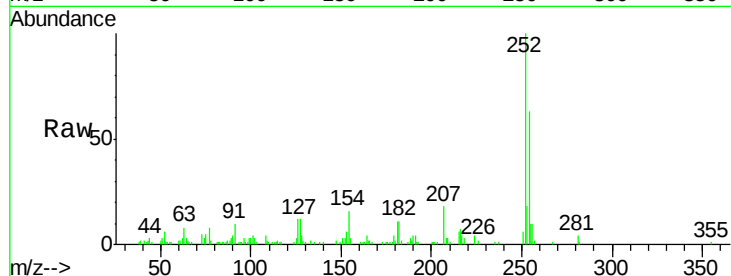




#81  
 3,3'-Dichlorobenzidine  
 Concen: 9.387 ng  
 RT: 22.08 min Scan# 3096  
 Delta R.T. -0.01 min  
 Lab File: BG027560.D  
 Acq: 21 Jun 2017 14:51

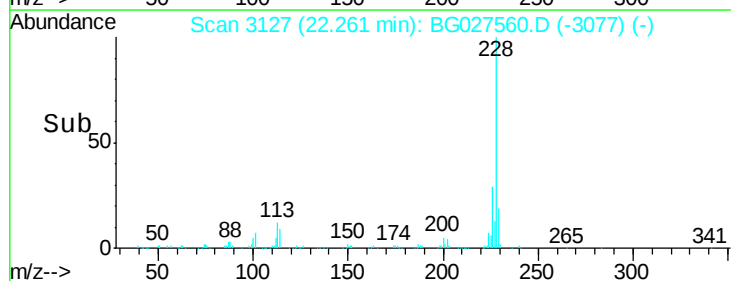
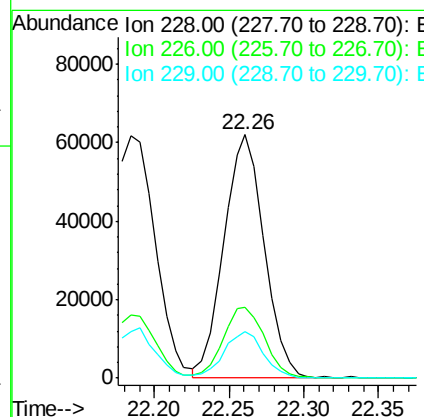
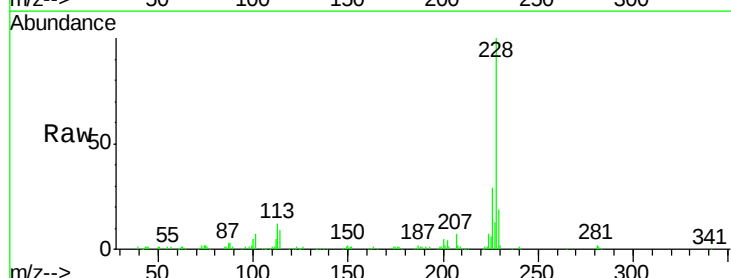
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDICC010

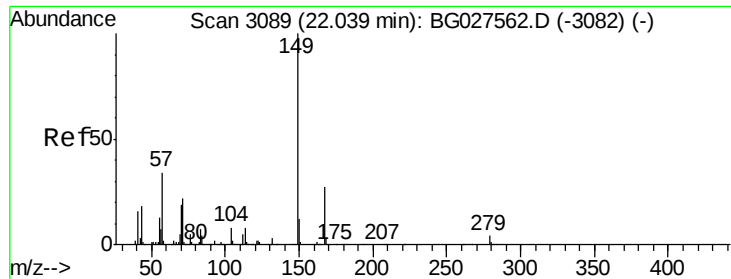
Tgt Ion:252 Resp: 44043  
 Ion Ratio Lower Upper  
 252 100  
 254 62.9 53.1 79.7  
 126 12.1 7.0 10.4#



#82  
 Chrysene  
 Concen: 10.019 ng  
 RT: 22.26 min Scan# 3127  
 Delta R.T. -0.01 min  
 Lab File: BG027560.D  
 Acq: 21 Jun 2017 14:51

Tgt Ion:228 Resp: 116017  
 Ion Ratio Lower Upper  
 228 100  
 226 29.3 27.0 40.4  
 229 18.9 17.8 26.6

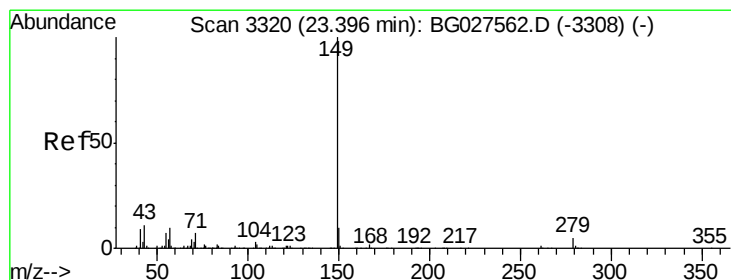
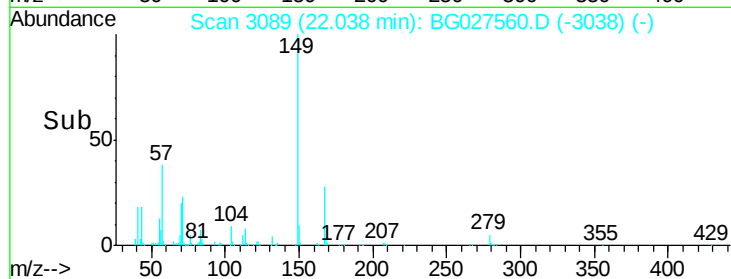
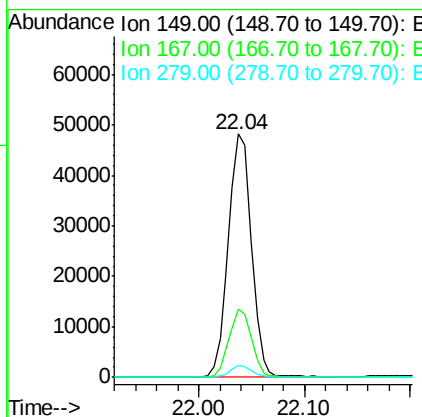
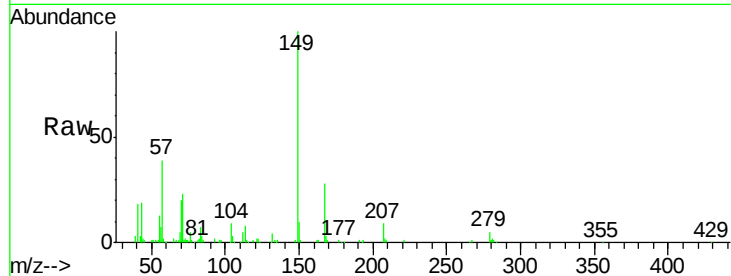




#83  
 Bis(2-ethylhexyl)phthalate  
 Concen: 10.681 ng  
 RT: 22.04 min Scan# 3089  
 Delta R.T. -0.00 min  
 Lab File: BG027560.D  
 Acq: 21 Jun 2017 14:51

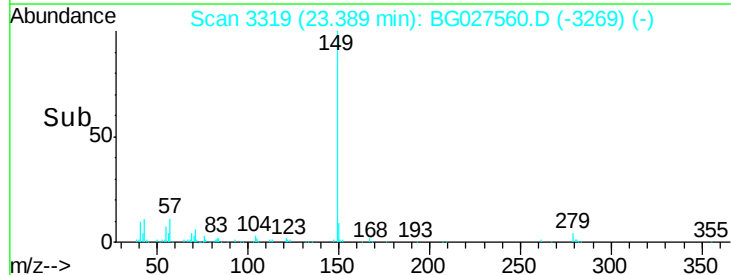
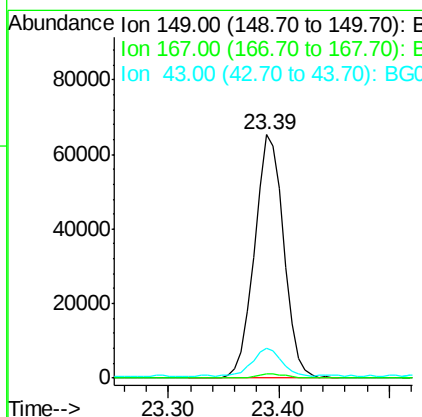
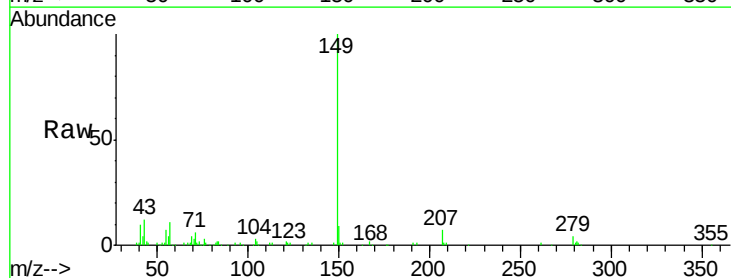
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDICC010

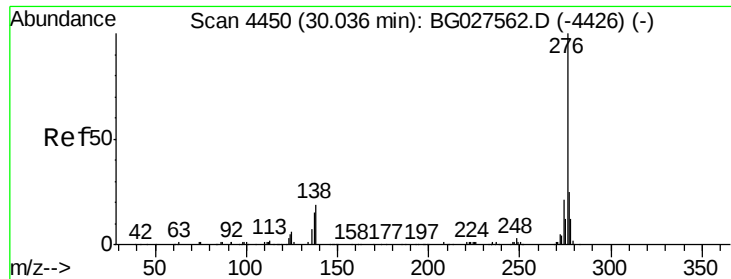
Tgt Ion:149 Resp: 72879  
 Ion Ratio Lower Upper  
 149 100  
 167 28.3 23.7 35.5  
 279 5.0 4.6 6.8



#84  
 Di-n-octyl phthalate  
 Concen: 10.731 ng  
 RT: 23.39 min Scan# 3319  
 Delta R.T. -0.01 min  
 Lab File: BG027560.D  
 Acq: 21 Jun 2017 14:51

Tgt Ion:149 Resp: 121276  
 Ion Ratio Lower Upper  
 149 100  
 167 1.8 1.4 2.2  
 43 11.7 11.8 17.6#

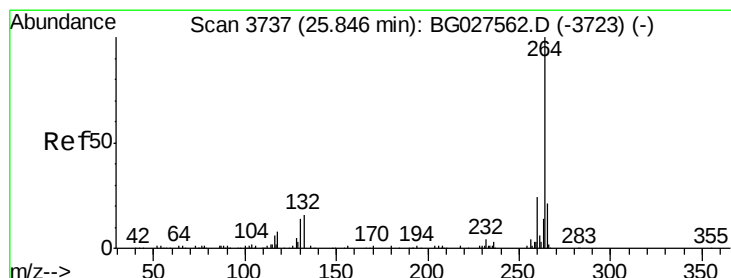
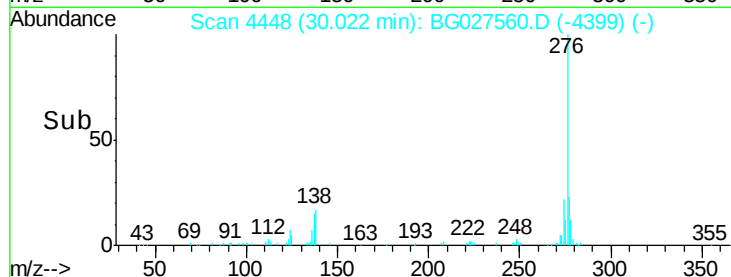
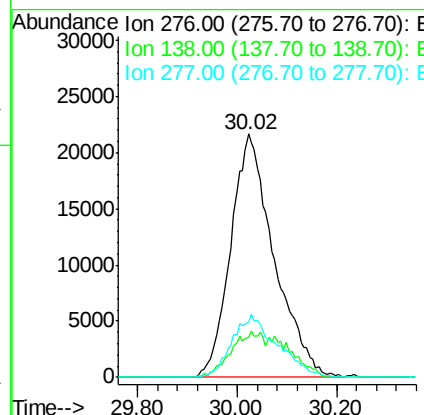
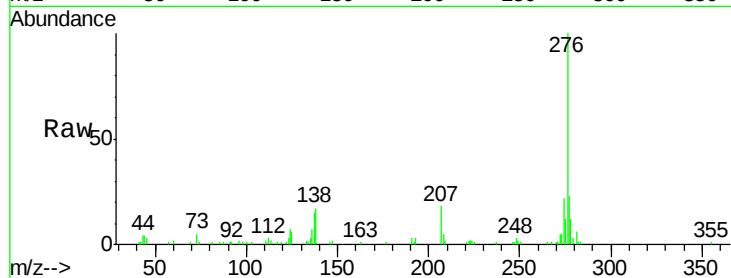




#85  
 Indeno(1,2,3-cd)pyrene  
 Concen: 9.332 ng  
 RT: 30.02 min Scan# 4448  
 Delta R.T. -0.01 min  
 Lab File: BG027560.D  
 Acq: 21 Jun 2017 14:51

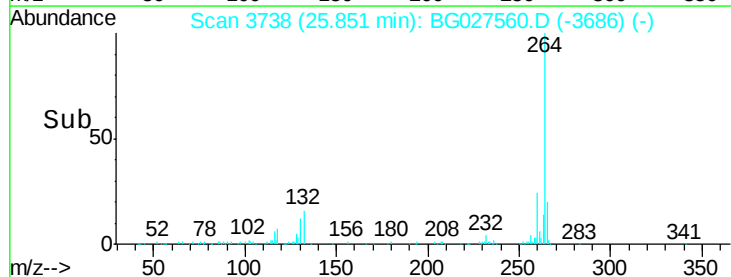
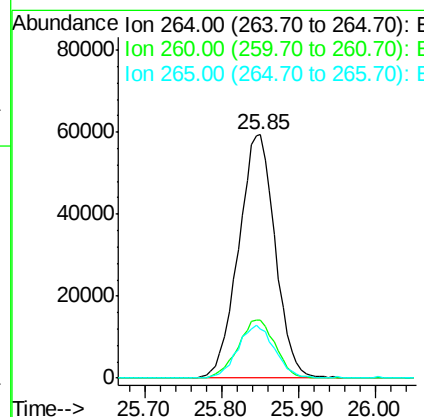
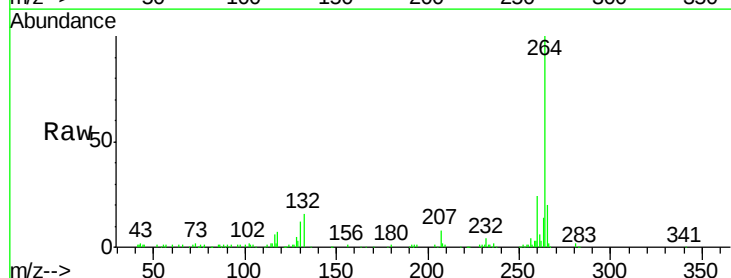
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDICC010

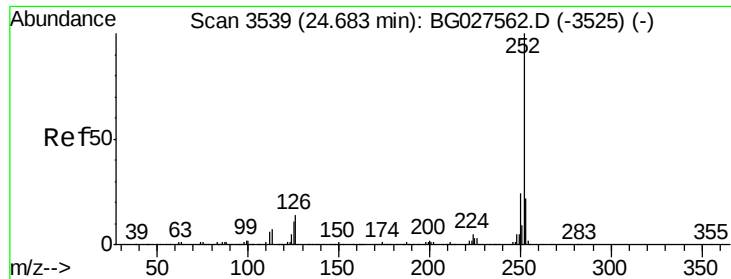
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 0.0   | 4.7   | 7.1#  |
| 277     | 26.9  | 20.6  | 31.0  |



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 25.85 min Scan# 3738  
 Delta R.T. 0.00 min  
 Lab File: BG027560.D  
 Acq: 21 Jun 2017 14:51

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 24.0  | 21.8  | 32.8  |
| 265     | 20.3  | 18.2  | 27.4  |

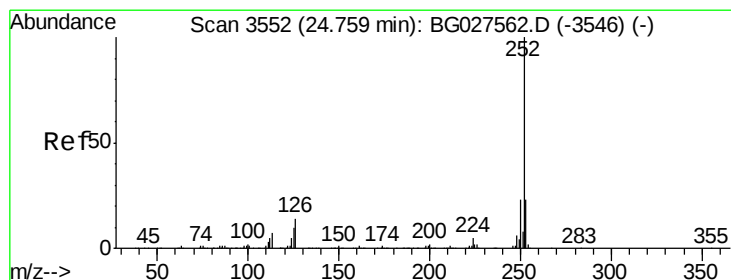
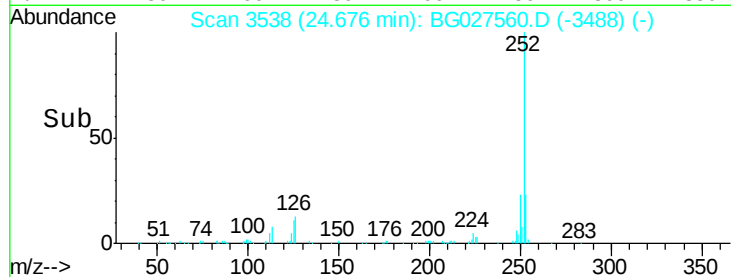
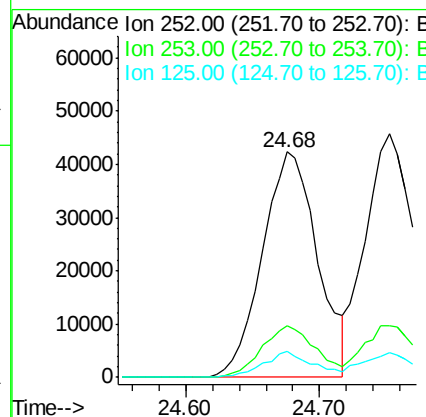
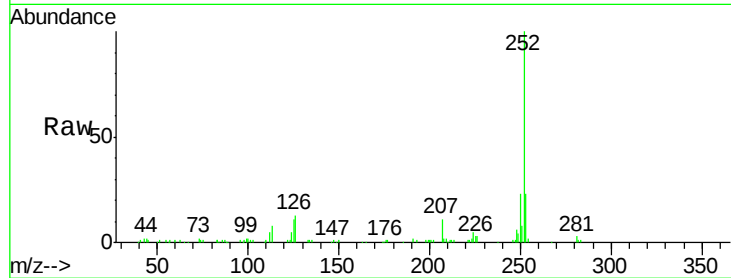




#87  
Benzo(b)fluoranthene  
Concen: 9.902 ng  
RT: 24.68 min Scan# 3538  
Delta R.T. -0.01 min  
Lab File: BG027560.D  
Acq: 21 Jun 2017 14:51

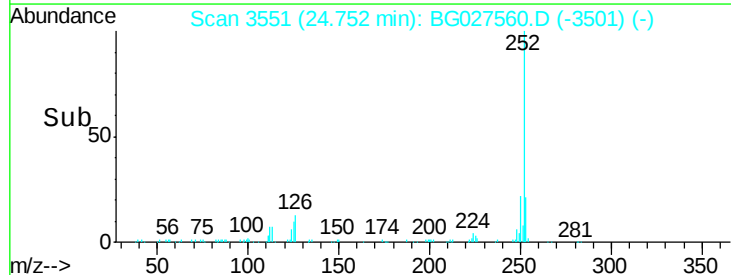
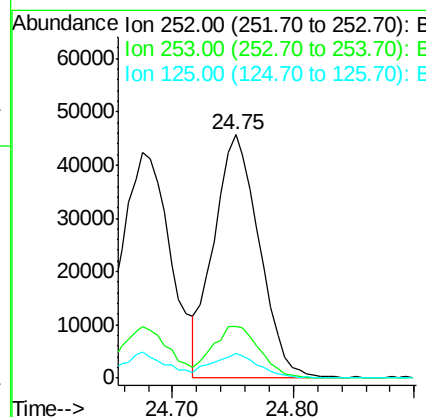
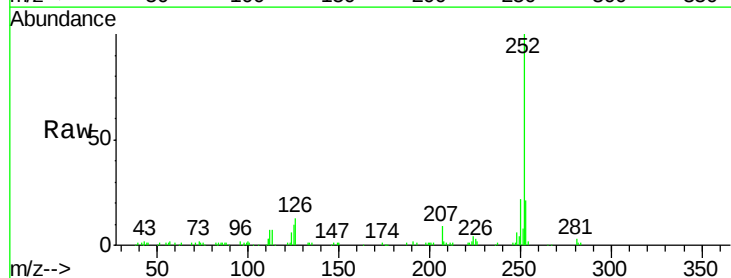
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC010

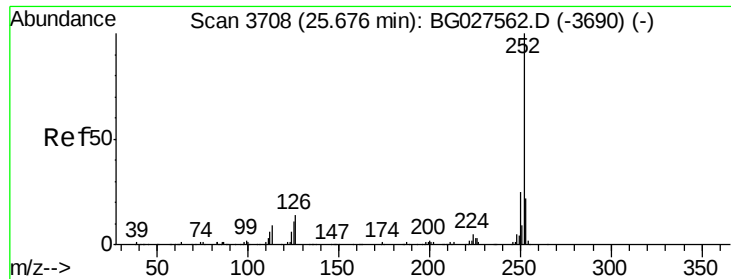
Tgt Ion:252 Resp: 121225  
Ion Ratio Lower Upper  
252 100  
253 22.9 18.7 28.1  
125 11.3 5.3 7.9#



#88  
Benzo(k)fluoranthene  
Concen: 9.931 ng  
RT: 24.75 min Scan# 3551  
Delta R.T. -0.01 min  
Lab File: BG027560.D  
Acq: 21 Jun 2017 14:51

Tgt Ion:252 Resp: 119269  
Ion Ratio Lower Upper  
252 100  
253 21.5 20.2 30.2  
125 10.0 5.1 7.7#





#89

Benzo(a)pyrene

Concen: 9.664 ng

RT: 25.67 min Scan# 3707

Delta R.T. -0.01 min

Lab File: BG027560.D

Acq: 21 Jun 2017 14:51

Instrument :

BNA\_G

ClientSampleId :

SSTDICC010

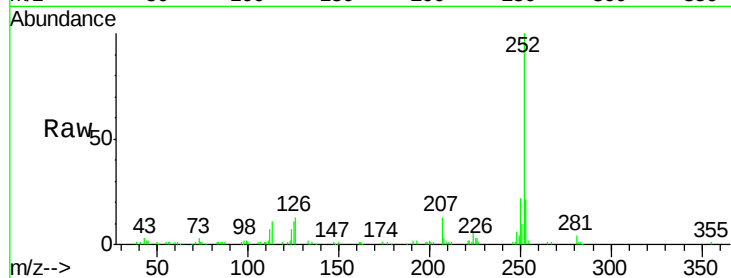
Tgt Ion:252 Resp: 111374

Ion Ratio Lower Upper

252 100

253 20.6 19.2 28.8

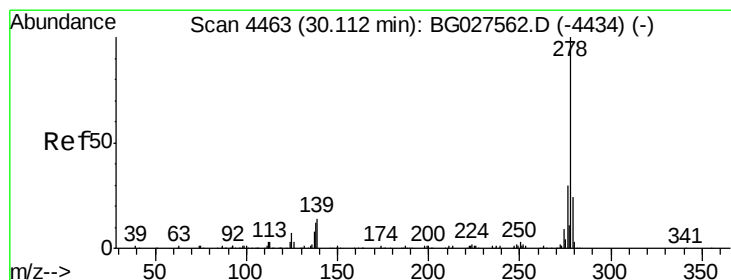
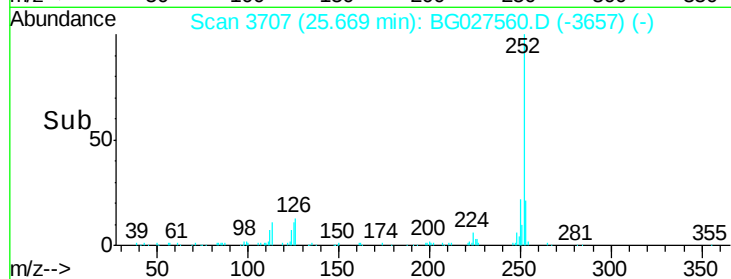
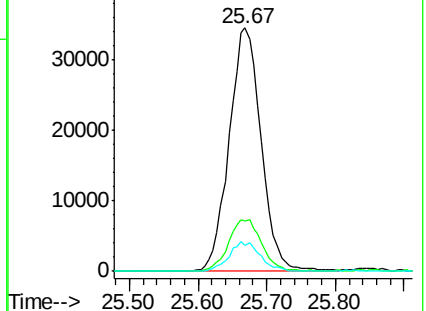
125 10.8 5.4 8.0#



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: 9.589 ng

RT: 30.10 min Scan# 4461

Delta R.T. -0.01 min

Lab File: BG027560.D

Acq: 21 Jun 2017 14:51

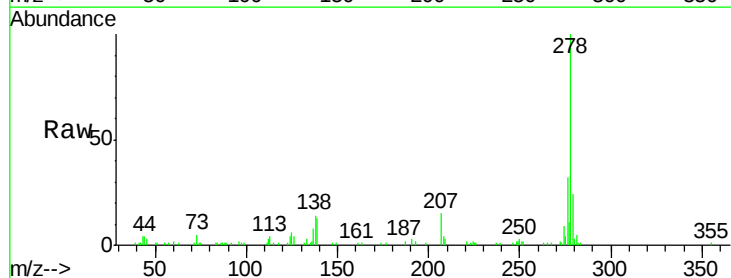
Tgt Ion:278 Resp: 115681

Ion Ratio Lower Upper

278 100

139 13.2 7.7 11.5#

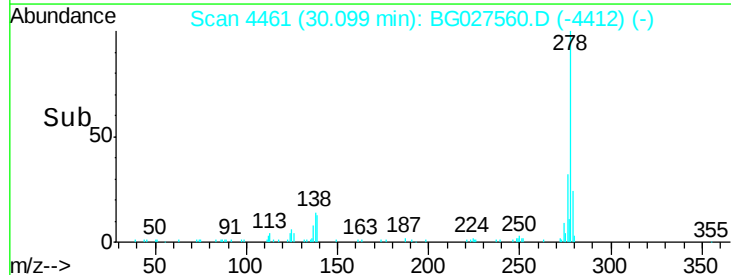
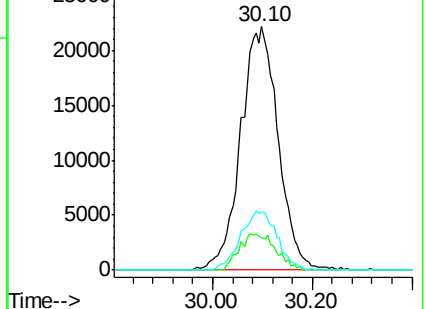
279 23.6 19.1 28.7

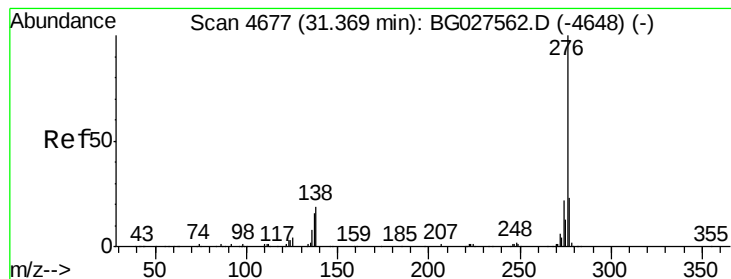


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 9.634 ng

RT: 31.34 min Scan# 4672

Delta R.T. -0.03 min

Lab File: BG027560.D

Acq: 21 Jun 2017 14:51

Instrument :

BNA\_G

ClientSampleId :

SSTDIC010

Tgt Ion: 276 Resp: 112554

Ion Ratio Lower Upper

276 100

277 24.3 18.6 27.8

138 18.8 8.1 12.1#

