

Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG062716\  
 Data File : BG022638.D  
 Acq On : 27 Jun 2016 11:42  
 Operator : UM/SJ  
 Sample : H3701-09MS  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 TEC-COMP-B2AMS

Quant Time: Jun 27 14:38:07 2016  
 Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\8270-BG062516.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jun 24 20:14:59 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.16  | 152  | 160147   | 20.00 | ng    | -0.01    |
| 21) Naphthalene-d8        | 10.99 | 136  | 674268   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 14.80 | 164  | 504871   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 17.56 | 188  | 1302363  | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 21.86 | 240  | 1479728  | 20.00 | ng    | 0.01     |
| 86) Perylene-d12          | 25.22 | 264  | 1497903  | 20.00 | ng    | 0.01     |

## System Monitoring Compounds

|                          |       |     |         |        |    |      |
|--------------------------|-------|-----|---------|--------|----|------|
| 5) 2-Fluorophenol        | 5.71  | 112 | 1038985 | 104.06 | ng | 0.00 |
| 7) Phenol-d6             | 7.32  | 99  | 1459916 | 103.73 | ng | 0.01 |
| 23) Nitrobenzene-d5      | 9.34  | 82  | 1137320 | 71.39  | ng | 0.00 |
| 41) 2,4,6-Tribromophenol | 16.29 | 330 | 937793  | 118.10 | ng | 0.00 |
| 44) 2-Fluorobiphenyl     | 13.42 | 172 | 2150282 | 67.54  | ng | 0.00 |
| 78) Terphenyl-d14        | 20.16 | 244 | 3289641 | 58.90  | ng | 0.00 |

## Target Compounds

|                                |       |     |         |       |    | Qvalue |
|--------------------------------|-------|-----|---------|-------|----|--------|
| 2) 1,4-Dioxane                 | 3.59  | 88  | 119917  | 29.63 | ng | # 70   |
| 3) Pyridine                    | 4.00  | 79  | 339021  | 29.95 | ng | # 90   |
| 4) n-Nitrosodimethylamine      | 3.90  | 42  | 192274  | 29.70 | ng | 88     |
| 6) Aniline                     | 7.49  | 93  | 244070  | 13.08 | ng | 94     |
| 8) 2-Chlorophenol              | 7.73  | 128 | 389836  | 37.69 | ng | 94     |
| 9) Benzaldehyde                | 7.30  | 77  | 11152   | 2.25  | ng | # 59   |
| 10) Phenol                     | 7.34  | 94  | 531952  | 35.76 | ng | 95     |
| 11) bis(2-Chloroethyl)ether    | 7.57  | 93  | 423351  | 34.57 | ng | 94     |
| 12) 1,3-Dichlorobenzene        | 8.05  | 146 | 401003  | 31.86 | ng | 98     |
| 13) 1,4-Dichlorobenzene        | 8.20  | 146 | 409611  | 32.46 | ng | 99     |
| 14) 1,2-Dichlorobenzene        | 8.52  | 146 | 406627  | 33.89 | ng | 93     |
| 15) Benzyl Alcohol             | 8.40  | 79  | 503148  | 38.64 | ng | 98     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.70  | 45  | 473516  | 34.96 | ng | 97     |
| 17) 2-Methylphenol             | 8.60  | 107 | 373106  | 38.05 | ng | 96     |
| 18) Hexachloroethane           | 9.25  | 117 | 167714  | 32.11 | ng | 95     |
| 19) n-Nitroso-di-n-propylamine | 8.97  | 70  | 410640  | 35.04 | ng | 99     |
| 20) 3+4-Methylphenols          | 8.93  | 107 | 521437  | 38.61 | ng | 93     |
| 22) Acetophenone               | 8.99  | 105 | 711011  | 36.48 | ng | # 94   |
| 24) Nitrobenzene               | 9.38  | 77  | 617662  | 35.08 | ng | 92     |
| 25) Isophorone                 | 9.90  | 82  | 1098235 | 35.51 | ng | 98     |
| 26) 2-Nitrophenol              | 10.09 | 139 | 237971  | 37.52 | ng | 92     |
| 27) 2,4-Dimethylphenol         | 10.14 | 122 | 422149  | 34.84 | ng | 90     |
| 28) bis(2-Chloroethoxy)methane | 10.38 | 93  | 621973  | 36.83 | ng | 99     |
| 29) 2,4-Dichlorophenol         | 10.63 | 162 | 484970  | 41.08 | ng | 96     |
| 30) 1,2,4-Trichlorobenzene     | 10.85 | 180 | 484367  | 34.55 | ng | 100    |
| 31) Naphthalene                | 11.04 | 128 | 1285463 | 37.93 | ng | 98     |
| 32) Benzoic acid               | 10.27 | 122 | 299959  | 38.95 | ng | 95     |
| 34) Hexachlorobutadiene        | 11.32 | 225 | 377807  | 34.68 | ng | 95     |
| 35) Caprolactam                | 11.93 | 113 | 104868  | 28.20 | ng | 98     |
| 36) 4-Chloro-3-methylphenol    | 12.26 | 107 | 595130  | 41.06 | ng | 98     |
| 37) 2-Methylnaphthalene        | 12.63 | 142 | 950753  | 36.17 | ng | 97     |
| 39) 1,2,4,5-Tetrachlorobenzene | 13.00 | 216 | 634644  | 33.30 | ng | 98     |
| 40) Hexachlorocyclopentadiene  | 12.97 | 237 | 786240  | 51.67 | ng | 99     |
| 42) 2,4,6-Trichlorophenol      | 13.23 | 196 | 463219  | 37.90 | ng | 96     |

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|--------------------------------|-------|------|----------|-------|-------|----------|
| 43) 2,4,5-Trichlorophenol      | 13.31 | 196  | 497390   | 38.89 | ng    | 92       |
| 45) 1,1'-Biphenyl              | 13.63 | 154  | 1297521  | 33.74 | ng    | 96       |
| 46) 2-Chloronaphthalene        | 13.68 | 162  | 1084514  | 34.27 | ng    | 97       |
| 47) 2-Nitroaniline             | 13.88 | 65   | 473385   | 38.75 | ng    | 94       |
| 48) Acenaphthylene             | 14.52 | 152  | 1578343  | 34.39 | ng    | 97       |
| 49) Dimethylphthalate          | 14.25 | 163  | 1510377  | 36.06 | ng    | 96       |
| 50) 2,6-Dinitrotoluene         | 14.37 | 165  | 355799   | 39.10 | ng    | 88       |
| 51) Acenaphthene               | 14.87 | 154  | 1097941  | 32.47 | ng    | 99       |
| 52) 3-Nitroaniline             | 14.70 | 138  | 120618   | 14.16 | ng    | 91       |
| 53) 2,4-Dinitrophenol          | 14.91 | 184  | 453293   | 80.87 | ng    | 95       |
| 54) Dibenzofuran               | 15.19 | 168  | 1697946  | 34.67 | ng    | 99       |
| 55) 4-Nitrophenol              | 15.01 | 139  | 554390   | 76.99 | ng    | 99       |
| 56) 2,4-Dinitrotoluene         | 15.15 | 165  | 531102   | 42.13 | ng    | 96       |
| 57) Fluorene                   | 15.85 | 166  | 1440485  | 36.86 | ng    | 97       |
| 58) 2,3,4,6-Tetrachlorophenol  | 15.34 | 232  | 545690   | 41.15 | ng    | 92       |
| 59) Diethylphthalate           | 15.61 | 149  | 1558096  | 36.19 | ng    | 96       |
| 60) 4-Chlorophenyl-phenylether | 15.83 | 204  | 839626   | 36.09 | ng    | 96       |
| 61) 4-Nitroaniline             | 15.87 | 138  | 332293   | 37.82 | ng    | # 84     |
| 62) Azobenzene                 | 16.13 | 77   | 1573823  | 33.75 | ng    | 94       |
| 64) 4,6-Dinitro-2-methylphenol | 15.92 | 198  | 332243   | 38.04 | ng    | 93       |
| 65) n-Nitrosodiphenylamine     | 16.05 | 169  | 1332416  | 35.16 | ng    | 96       |
| 66) 4-Bromophenyl-phenylether  | 16.74 | 248  | 596664   | 35.31 | ng    | 94       |
| 67) Hexachlorobenzene          | 16.86 | 284  | 652530   | 36.53 | ng    | 95       |
| 68) Atrazine                   | 17.00 | 200  | 385510   | 24.09 | ng    | 96       |
| 69) Pentachlorophenol          | 17.20 | 266  | 893304   | 72.66 | ng    | 99       |
| 70) Phenanthrene               | 17.60 | 178  | 2390606  | 36.00 | ng    | 94       |
| 71) Anthracene                 | 17.69 | 178  | 2373228  | 34.72 | ng    | 95       |
| 72) Carbazole                  | 17.96 | 167  | 2148002  | 37.07 | ng    | 97       |
| 73) Di-n-butylphthalate        | 18.51 | 149  | 2467437  | 36.57 | ng    | 97       |
| 74) Fluoranthene               | 19.61 | 202  | 2787467  | 36.43 | ng    | 94       |
| 76) Benzidine                  | 19.78 | 184  | 118137   | 7.50  | ng    | # 96     |
| 77) Pyrene                     | 19.97 | 202  | 2764462  | 35.08 | ng    | 94       |
| 79) Butylbenzylphthalate       | 20.84 | 149  | 1255317  | 36.79 | ng    | 96       |
| 80) Benzo(a)anthracene         | 21.83 | 228  | 3009460  | 36.76 | ng    | 96       |
| 81) 3,3'-Dichlorobenzidine     | 21.74 | 252  | 424809   | 12.56 | ng    | 94       |
| 82) Chrysene                   | 21.90 | 228  | 2776045  | 36.08 | ng    | # 91     |
| 83) Bis(2-ethylhexyl)phthalate | 21.72 | 149  | 1656813  | 34.49 | ng    | 95       |
| 84) Di-n-octyl phthalate       | 22.99 | 149  | 2771579  | 35.00 | ng    | 99       |
| 85) Indeno(1,2,3-cd)pyrene     | 29.08 | 276  | 3719729  | 36.79 | ng    | # 100    |
| 87) Benzo(b)fluoranthene       | 24.14 | 252  | 3322893  | 36.89 | ng    | 96       |
| 88) Benzo(k)fluoranthene       | 24.22 | 252  | 3142900  | 36.91 | ng    | # 94     |
| 89) Benzo(a)pyrene             | 25.06 | 252  | 3215919  | 36.62 | ng    | # 98     |
| 90) Dibenzo(a,h)anthracene     | 29.15 | 278  | 3095403  | 37.45 | ng    | # 98     |
| 91) Benzo(g,h,i)perylene       | 30.29 | 276  | 3026479  | 35.97 | ng    | 95       |

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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.16 min Scan# 906

Delta R.T. -0.01 min

Lab File: BG022638.D

Acq: 27 Jun 2016 11:42

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BNA\_G

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TEC-COMP-B2AMS

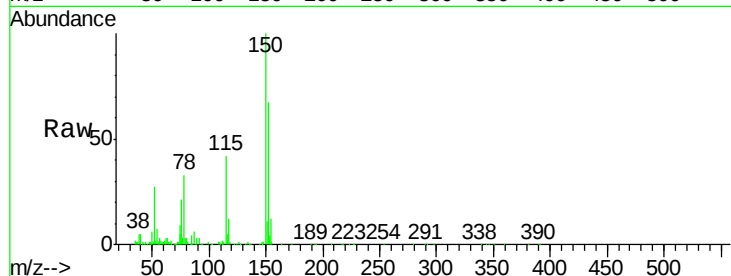
Tgt Ion:152 Resp: 160147

Ion Ratio Lower Upper

152 100

150 148.8 144.7 217.1

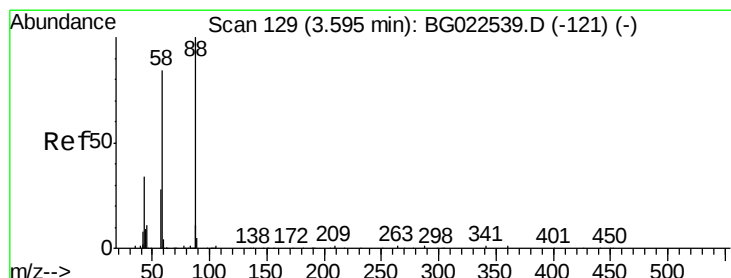
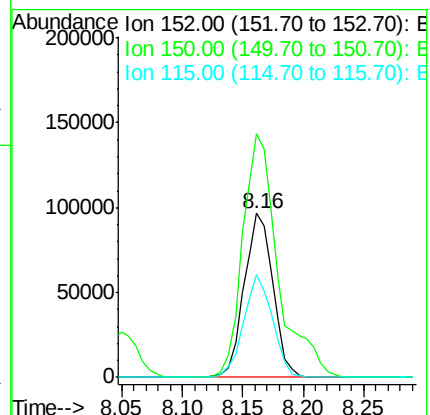
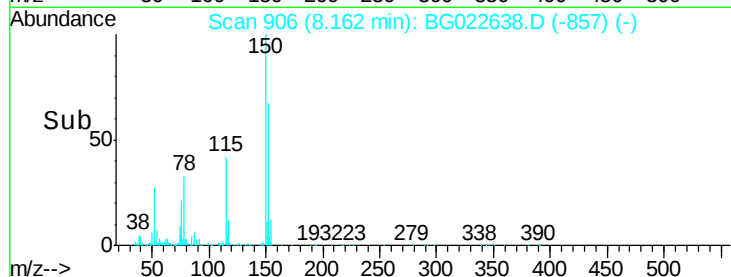
115 63.0 64.0 96.0#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 29.63 ng

RT: 3.59 min Scan# 128

Delta R.T. -0.01 min

Lab File: BG022638.D

Acq: 27 Jun 2016 11:42

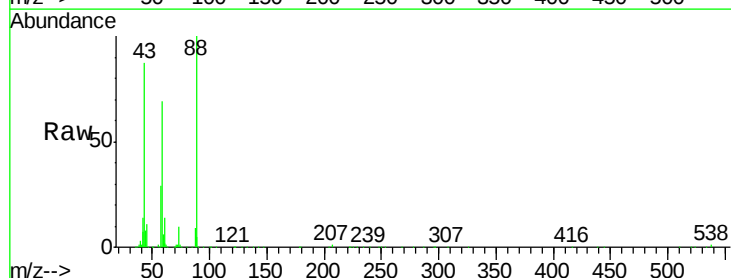
Tgt Ion: 88 Resp: 119917

Ion Ratio Lower Upper

88 100

58 67.8 60.4 90.6

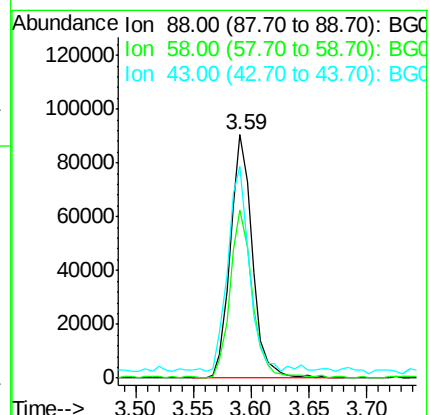
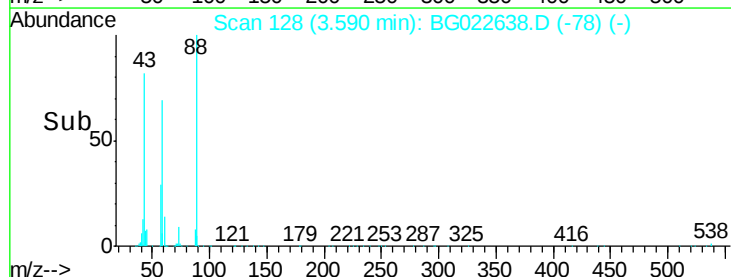
43 81.4 31.1 46.7#

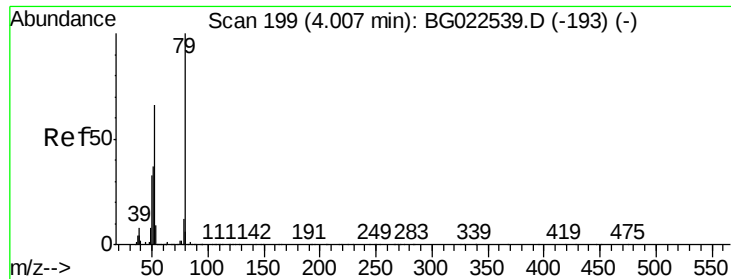


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 29.95 ng

RT: 4.00 min Scan# 198

Delta R.T. -0.01 min

Lab File: BG022638.D

Acq: 27 Jun 2016 11:42

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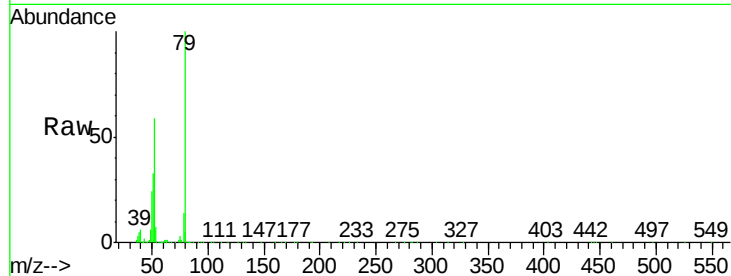
Tgt Ion: 79 Resp: 339021

Ion Ratio Lower Upper

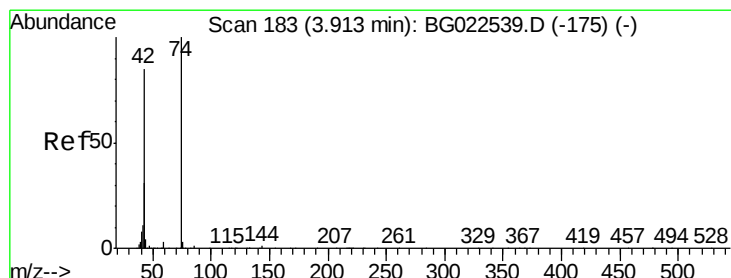
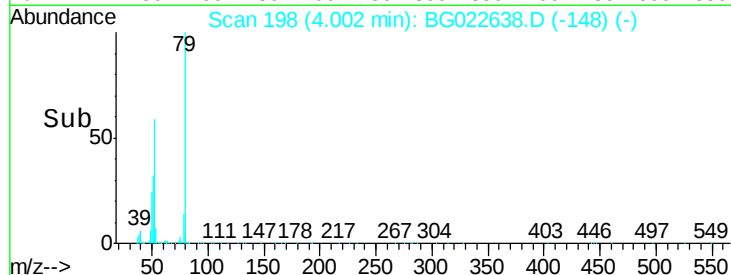
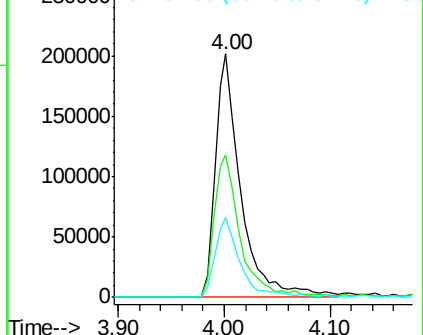
79 100

52 58.7 51.8 77.8

51 32.6 32.7 49.1#



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



#4

n-Nitrosodimethylamine

Concen: 29.70 ng

RT: 3.90 min Scan# 181

Delta R.T. -0.01 min

Lab File: BG022638.D

Acq: 27 Jun 2016 11:42

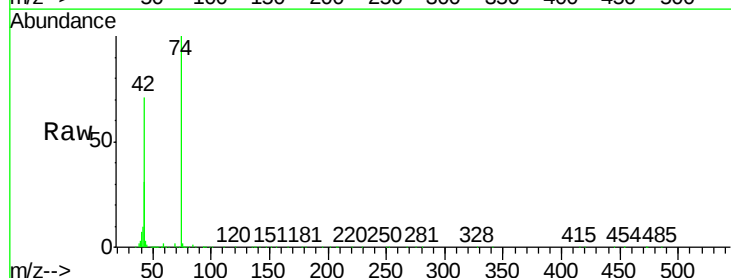
Tgt Ion: 42 Resp: 192274

Ion Ratio Lower Upper

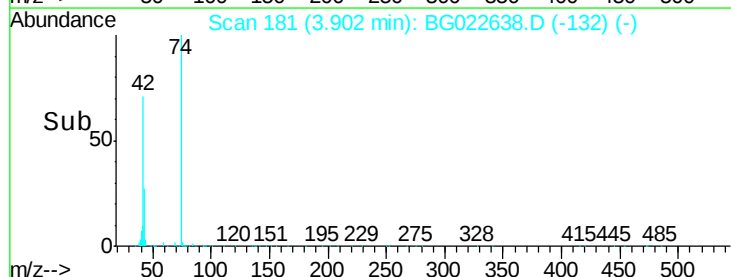
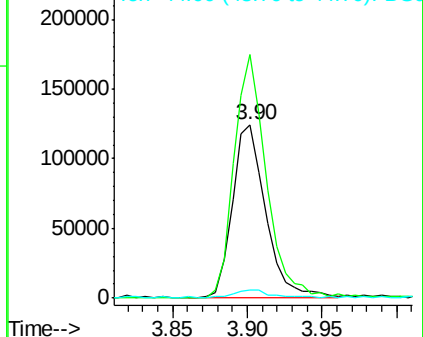
42 100

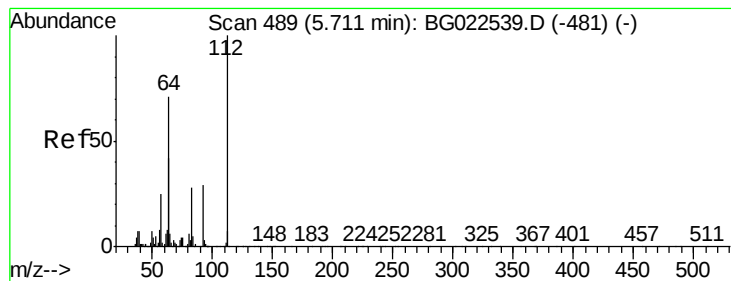
74 140.1 100.6 150.8

44 4.8 4.5 6.7



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





#5

2-Fluorophenol

Concen: 104.06 ng

RT: 5.71 min Scan# 489

Delta R.T. 0.01 min

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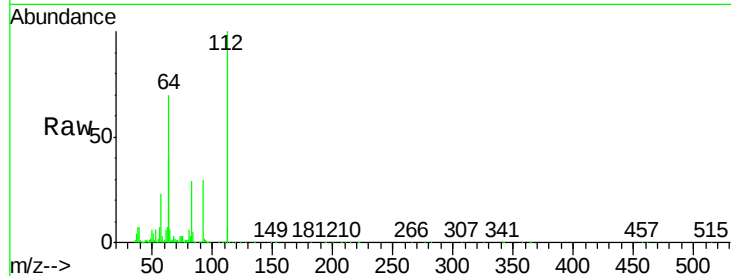
Tgt Ion: 112 Resp: 1038985

Ion Ratio Lower Upper

112 100

64 70.0 59.0 88.4

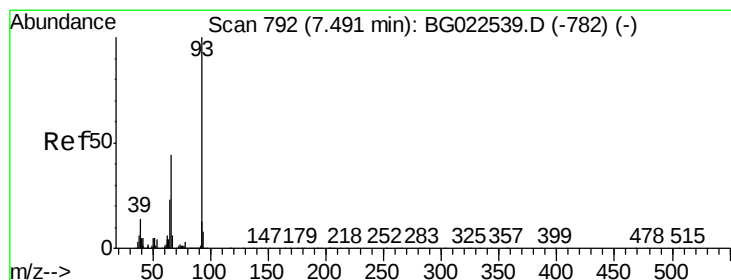
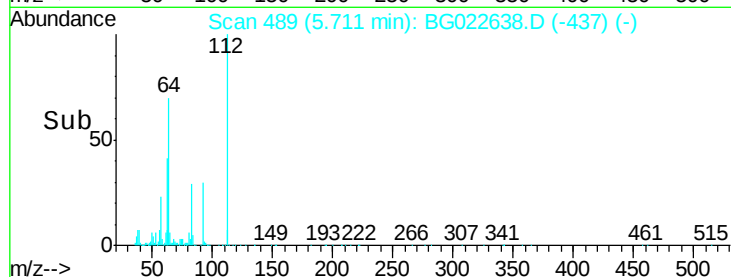
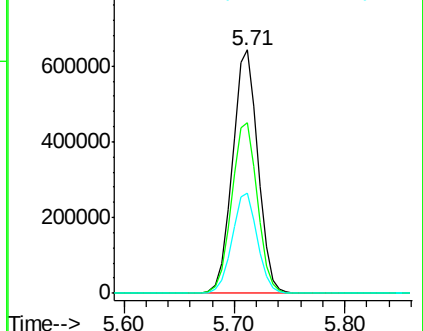
63 41.1 37.8 56.8



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 13.08 ng

RT: 7.49 min Scan# 791

Delta R.T. 0.00 min

Lab File: BG022638.D

Acq: 27 Jun 2016 11:42

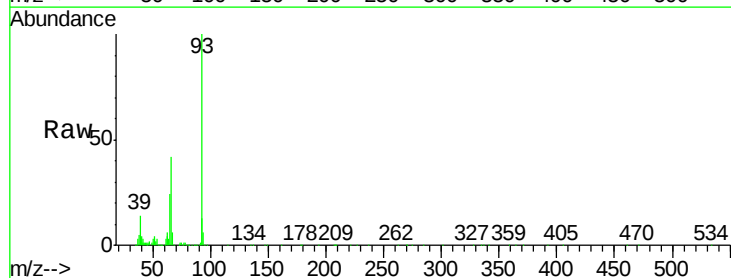
Tgt Ion: 93 Resp: 244070

Ion Ratio Lower Upper

93 100

66 42.0 37.5 56.3

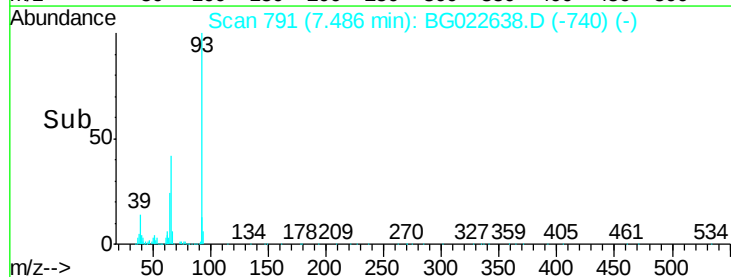
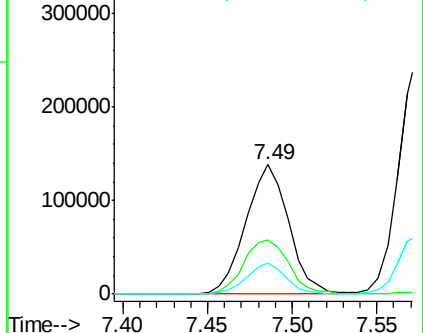
65 24.2 17.9 26.9



Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 103.73 ng

RT: 7.32 min Scan# 762

Delta R.T. 0.01 min

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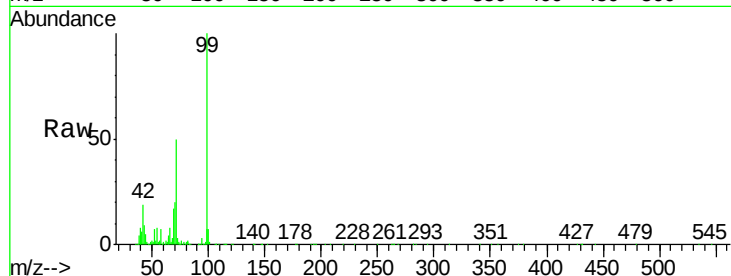
Tgt Ion: 99 Resp: 1459916

Ion Ratio Lower Upper

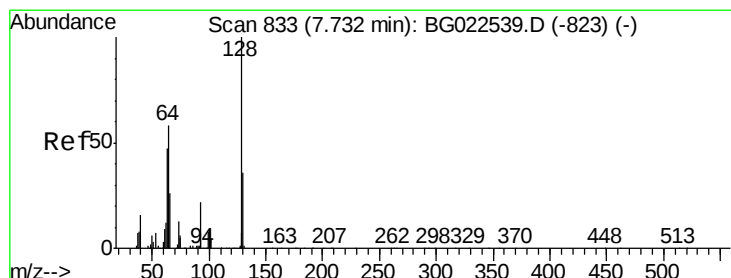
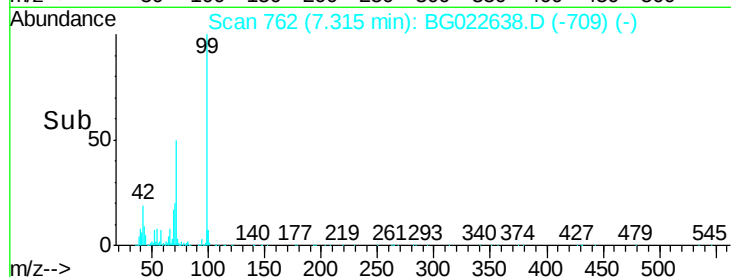
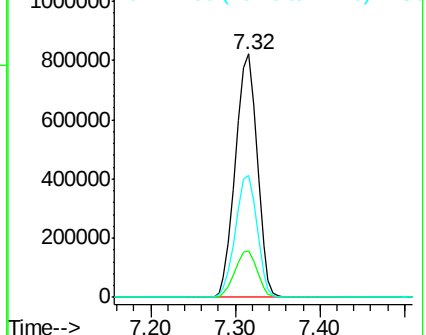
99 100

42 19.3 17.8 26.6

71 50.2 41.5 62.3



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



#8

2-Chlorophenol

Concen: 37.69 ng

RT: 7.73 min Scan# 832

Delta R.T. 0.00 min

Lab File: BG022638.D

Acq: 27 Jun 2016 11:42

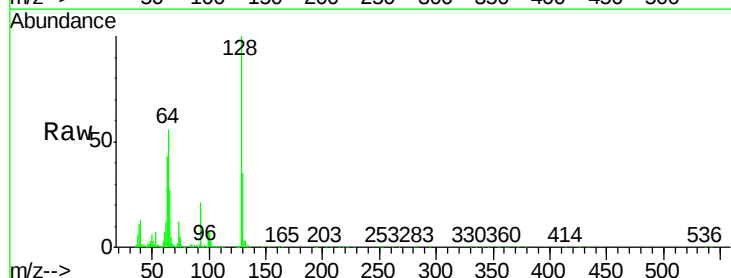
Tgt Ion: 128 Resp: 389836

Ion Ratio Lower Upper

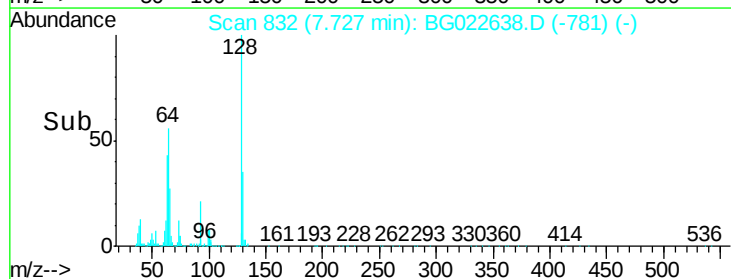
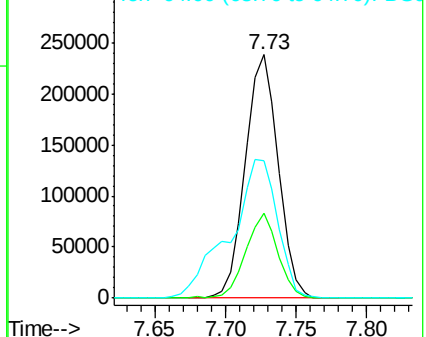
128 100

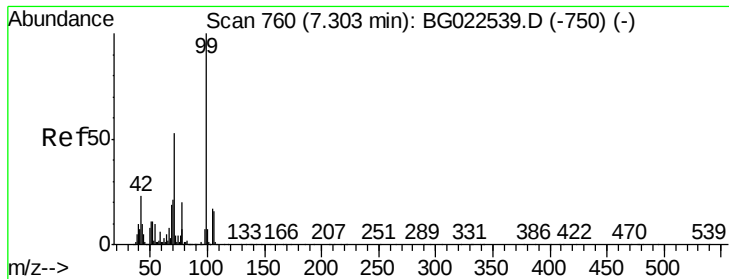
130 35.0 12.9 52.9

64 56.4 42.0 82.0



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





#9

Benzaldehyde

Concen: 2.25 ng

RT: 7.30 min Scan# 760

Delta R.T. 0.01 min

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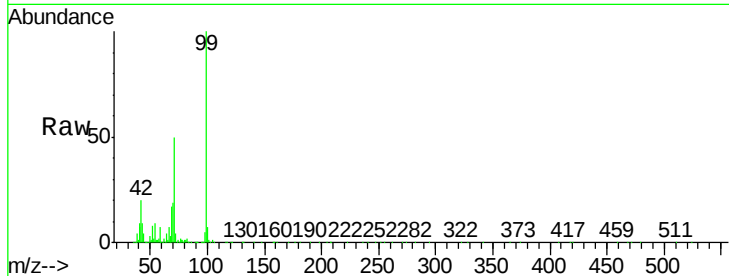
Tgt Ion: 77 Resp: 11152

Ion Ratio Lower Upper

77 100

105 54.8 58.7 98.7#

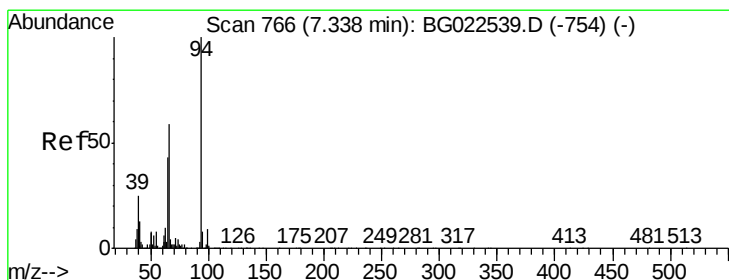
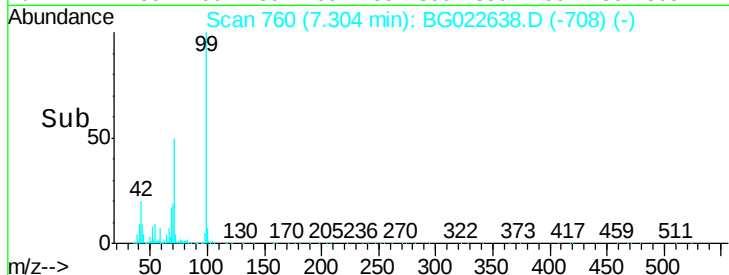
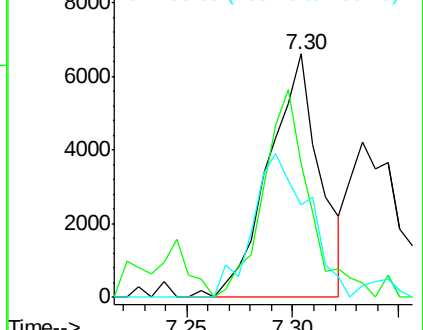
106 37.8 67.5 107.5#



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 35.76 ng

RT: 7.34 min Scan# 766

Delta R.T. 0.01 min

Lab File: BG022638.D

Acq: 27 Jun 2016 11:42

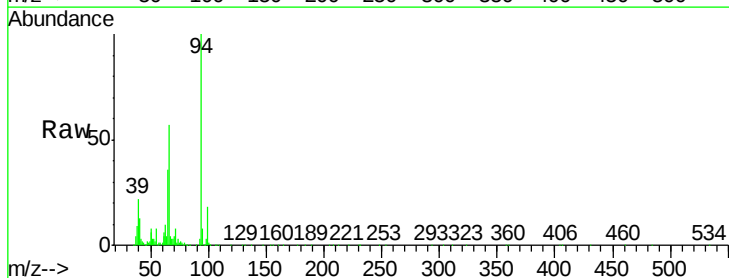
Tgt Ion: 94 Resp: 531952

Ion Ratio Lower Upper

94 100

65 35.6 18.1 58.1

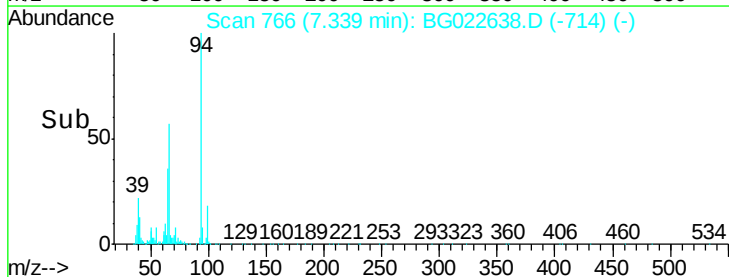
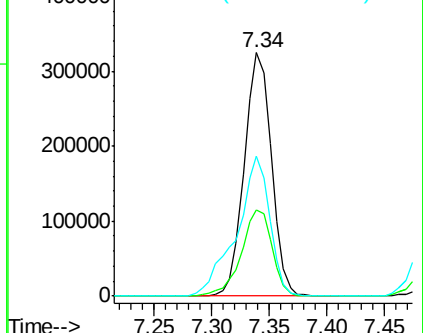
66 57.4 42.1 82.1

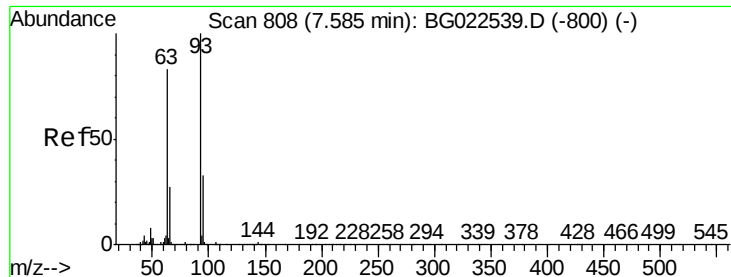


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

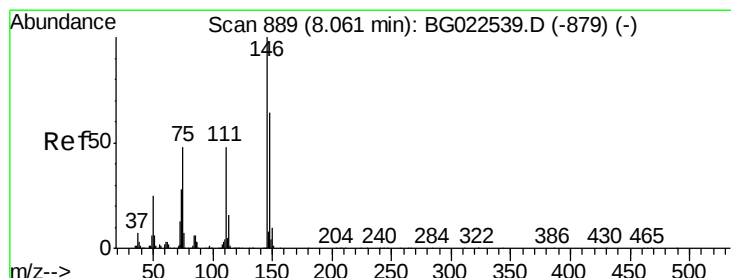
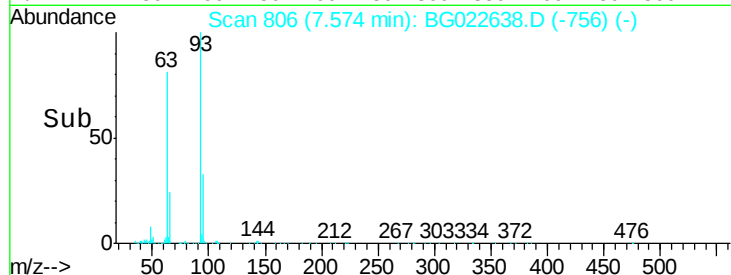
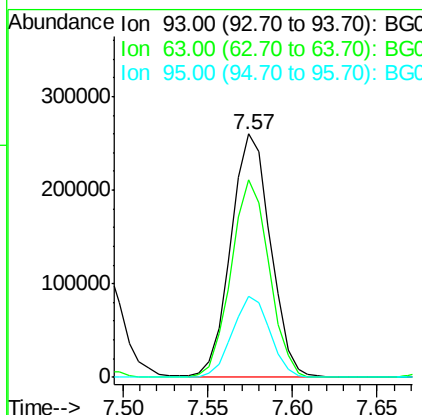
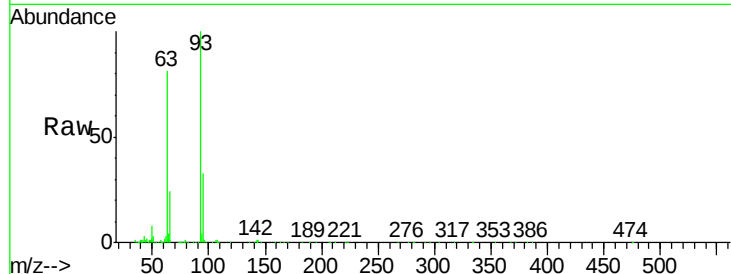




#11  
bis(2-Chloroethyl)ether  
Concen: 34.57 ng  
RT: 7.57 min Scan# 806  
Delta R.T. -0.01 min  
Lab File: BG022638.D  
Acq: 27 Jun 2016 11:42

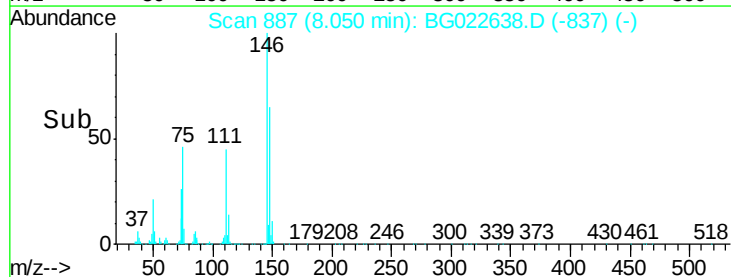
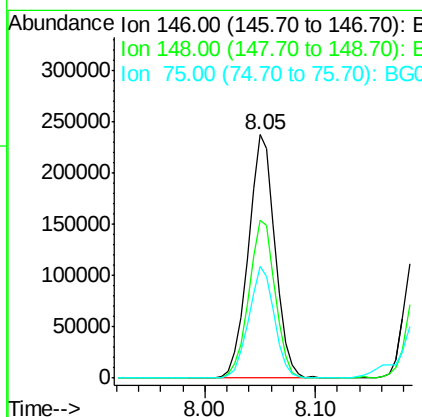
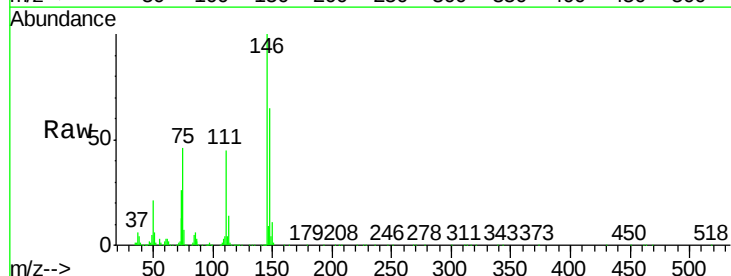
Instrument :  
BNA\_G  
ClientSampleId :  
TEC-COMP-B2AMS

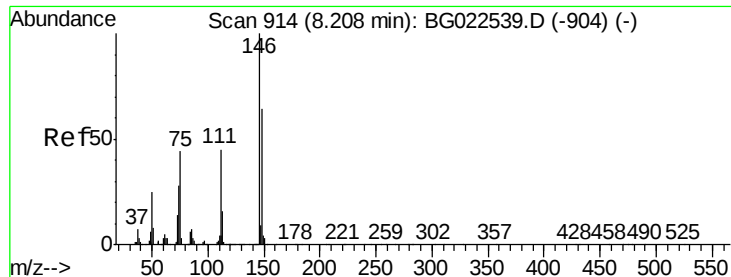
Tgt Ion: 93 Resp: 423351  
Ion Ratio Lower Upper  
93 100  
63 81.3 55.0 95.0  
95 33.1 11.0 51.0



#12  
1,3-Dichlorobenzene  
Concen: 31.86 ng  
RT: 8.05 min Scan# 887  
Delta R.T. -0.01 min  
Lab File: BG022638.D  
Acq: 27 Jun 2016 11:42

Tgt Ion: 146 Resp: 401003  
Ion Ratio Lower Upper  
146 100  
148 64.9 50.3 75.5  
75 46.0 37.0 55.6

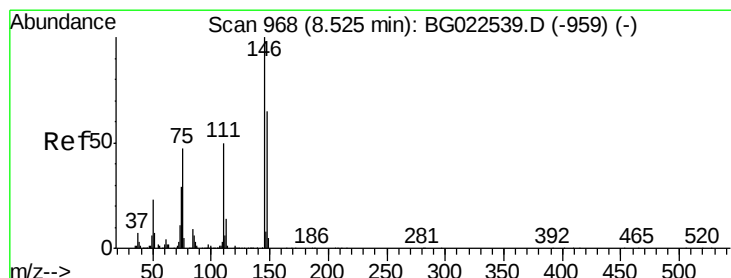
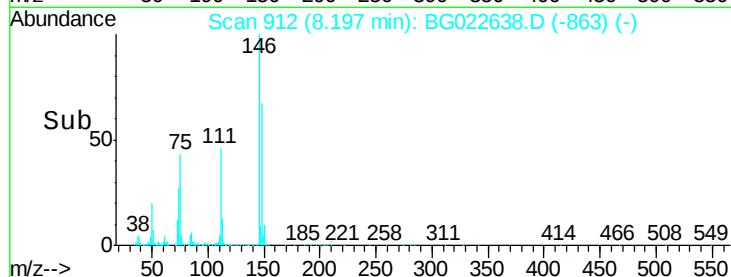
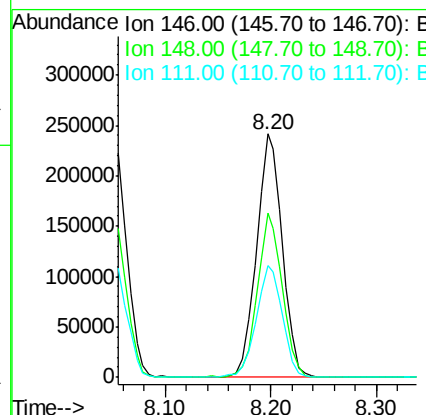
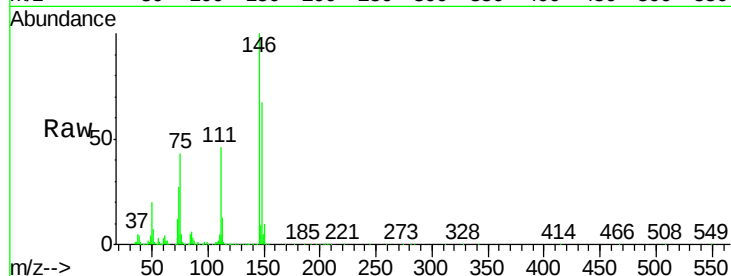




#13  
1,4-Dichlorobenzene  
Concen: 32.46 ng  
RT: 8.20 min Scan# 912  
Delta R.T. -0.01 min  
Lab File: BG022638.D  
Acq: 27 Jun 2016 11:42

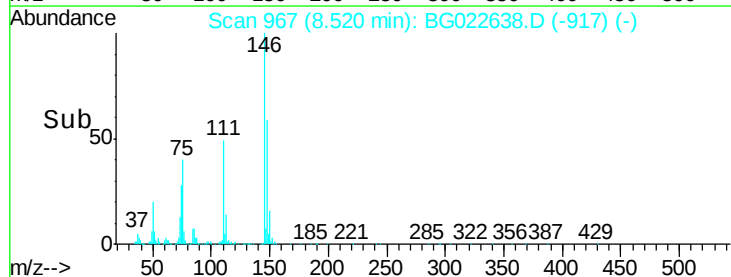
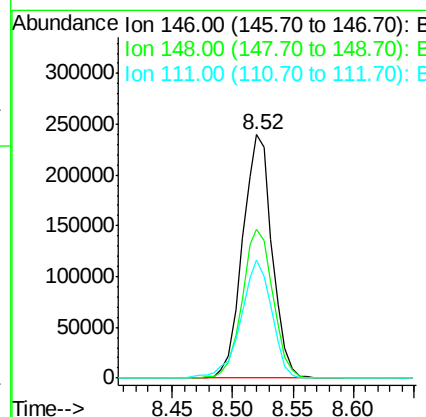
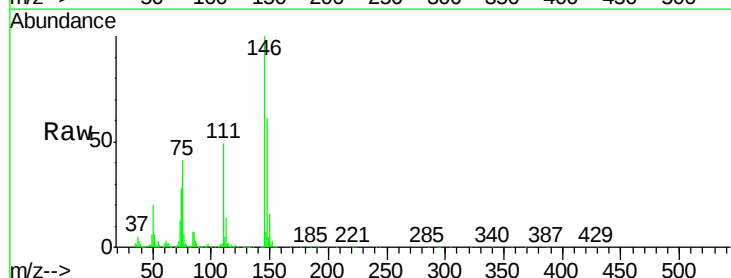
Instrument :  
BNA\_G  
ClientSampleId :  
TEC-COMP-B2AMS

Tgt Ion:146 Resp: 409611  
Ion Ratio Lower Upper  
146 100  
148 67.4 54.5 81.7  
111 45.8 37.8 56.8



#14  
1,2-Dichlorobenzene  
Concen: 33.89 ng  
RT: 8.52 min Scan# 967  
Delta R.T. -0.01 min  
Lab File: BG022638.D  
Acq: 27 Jun 2016 11:42

Tgt Ion:146 Resp: 406627  
Ion Ratio Lower Upper  
146 100  
148 61.3 52.9 79.3  
111 48.6 43.5 65.3





#15

Benzyl Alcohol

Concen: 38.64 ng

RT: 8.40 min Scan# 946

Delta R.T. -0.01 min

Lab File: BG022638.D

Acq: 27 Jun 2016 11:42

Instrument :

BNA\_G

ClientSampleId :

TEC-COMP-B2AMS

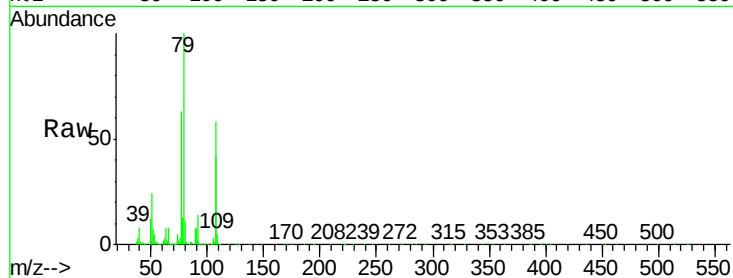
Tgt Ion: 79 Resp: 503148

Ion Ratio Lower Upper

79 100

108 58.1 46.5 69.7

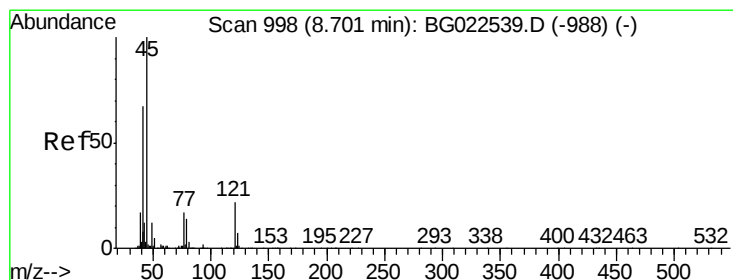
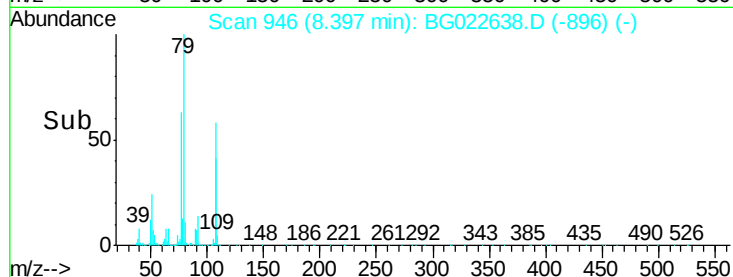
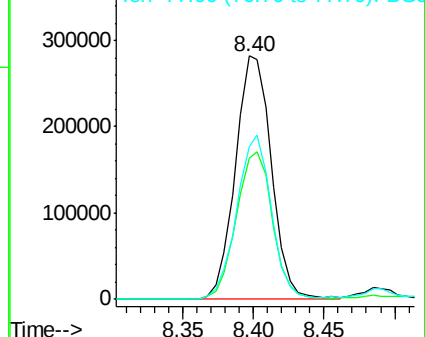
77 62.6 52.3 78.5



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.96 ng

RT: 8.70 min Scan# 997

Delta R.T. -0.01 min

Lab File: BG022638.D

Acq: 27 Jun 2016 11:42

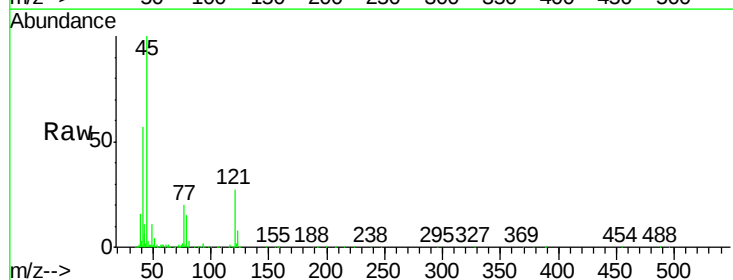
Tgt Ion: 45 Resp: 473516

Ion Ratio Lower Upper

45 100

77 19.9 0.6 40.6

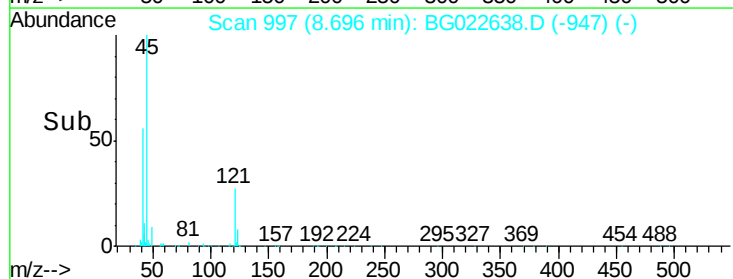
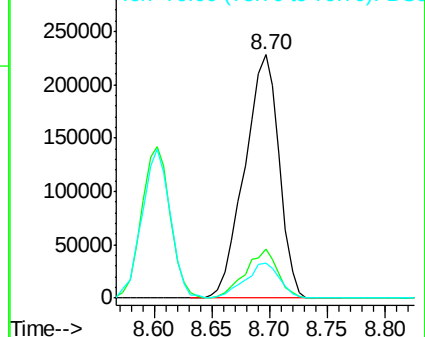
79 14.5 0.0 36.2

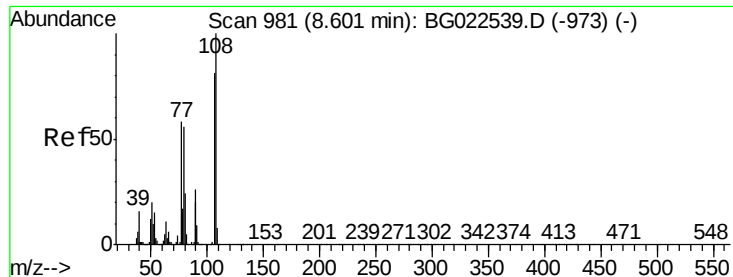


Abundance Ion 45.00 (44.70 to 45.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC





#17

2-Methylphenol

Concen: 38.05 ng

RT: 8.60 min Scan# 981

Delta R.T. 0.01 min

Lab File: BG022638.D

Acq: 27 Jun 2016 11:42

Instrument :

BNA\_G

ClientSampleId :

TEC-COMP-B2AMS

Tgt Ion:107 Resp: 373106

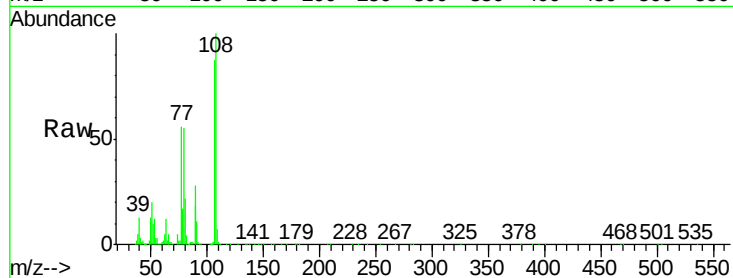
Ion Ratio Lower Upper

107 100

108 114.7 92.0 138.0

77 64.7 55.8 83.6

79 63.3 55.0 82.6



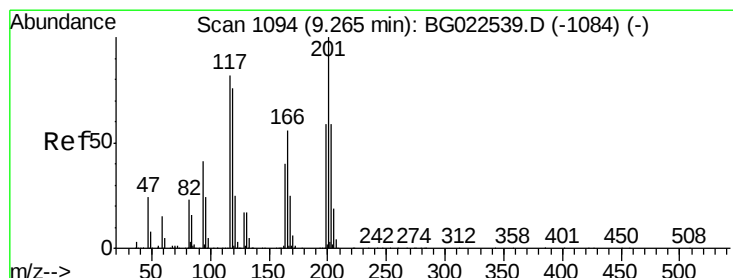
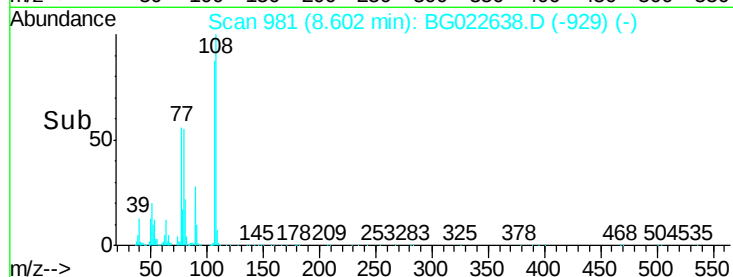
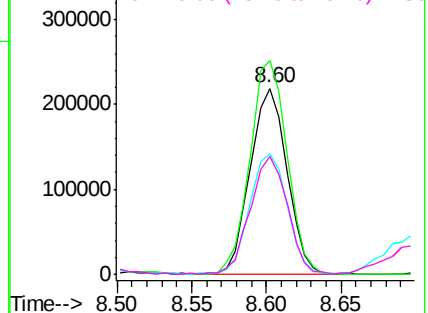
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 32.11 ng

RT: 9.25 min Scan# 1092

Delta R.T. -0.01 min

Lab File: BG022638.D

Acq: 27 Jun 2016 11:42

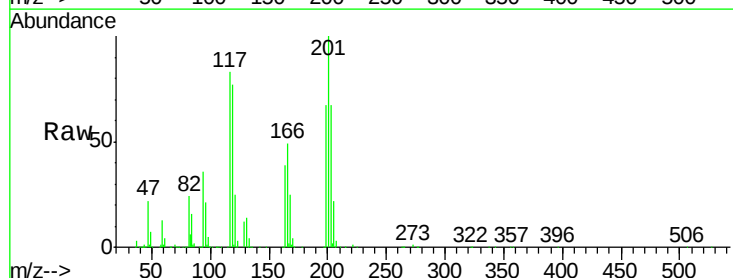
Tgt Ion:117 Resp: 167714

Ion Ratio Lower Upper

117 100

119 92.7 73.7 110.5

201 120.8 88.7 133.1

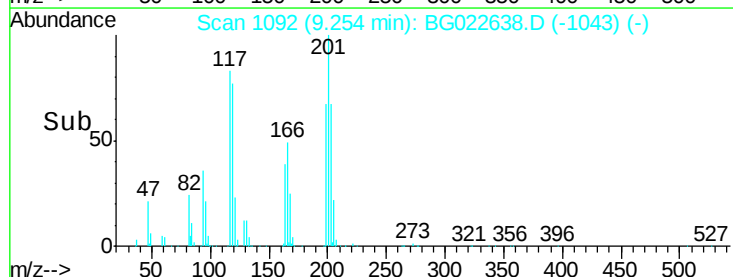
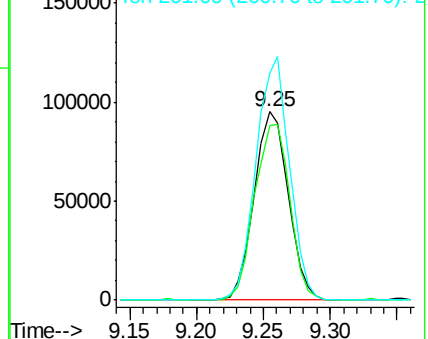


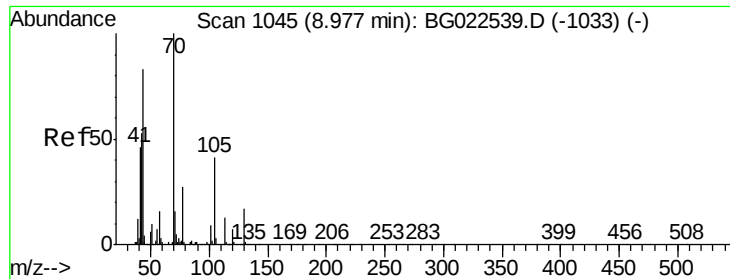
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

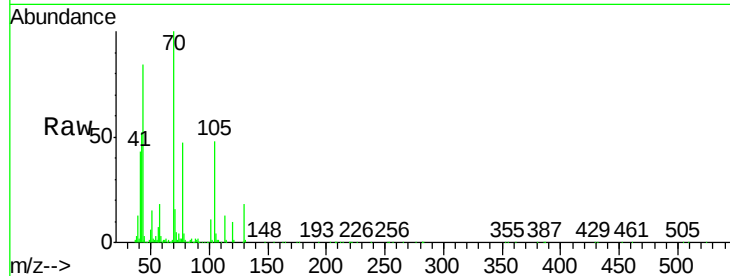




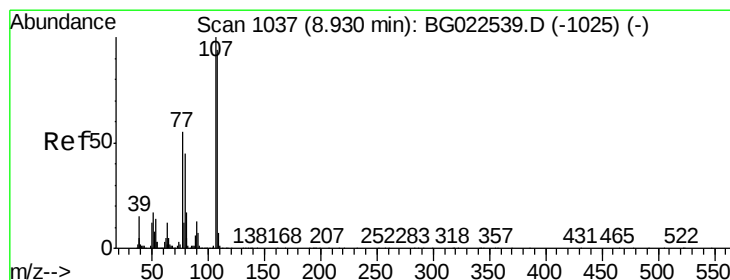
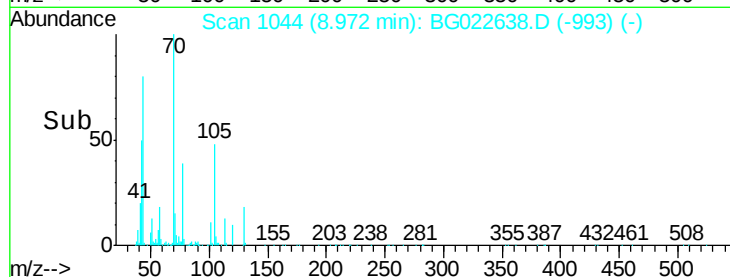
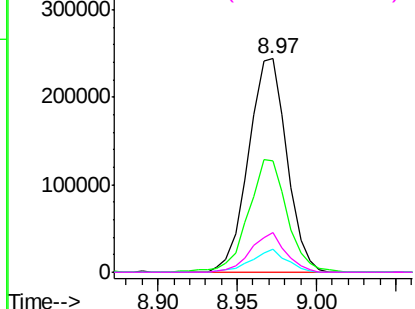
#19  
n-Nitroso-di-n-propylamine  
Concen: 35.04 ng  
RT: 8.97 min Scan# 1044  
Delta R.T. 0.00 min  
Lab File: BG022638.D  
Acq: 27 Jun 2016 11:42

Instrument :  
BNA\_G  
ClientSampleId :  
TEC-COMP-B2AMS

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 70    | Resp: | 410640 |
| Ion      | Ratio | Lower | Upper  |
| 70       | 100   |       |        |
| 42       | 51.9  | 42.1  | 63.1   |
| 101      | 10.6  | 7.2   | 10.8   |
| 130      | 18.3  | 14.2  | 21.2   |

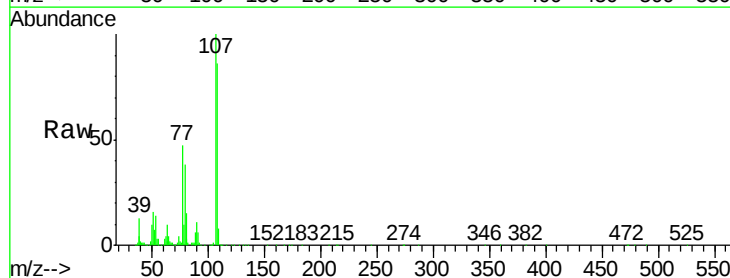


Abundance Ion 70.00 (69.70 to 70.70): BGC  
Ion 42.00 (41.70 to 42.70): BGC  
Ion 101.00 (100.70 to 101.70): BGC  
Ion 130.00 (129.70 to 130.70): BGC

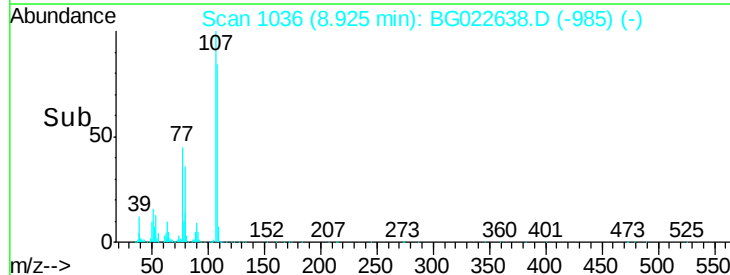
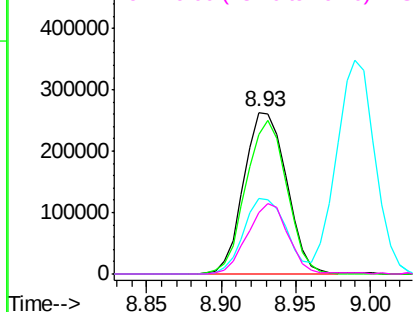


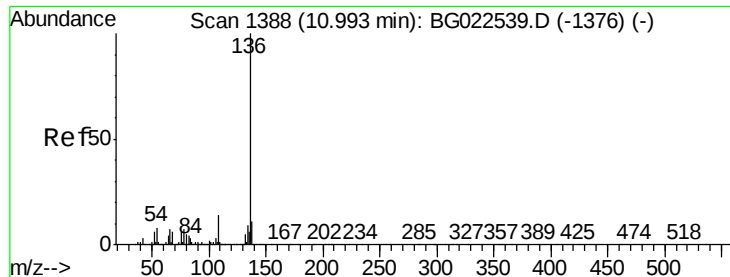
#20  
3+4-Methylphenols  
Concen: 38.61 ng  
RT: 8.93 min Scan# 1036  
Delta R.T. 0.00 min  
Lab File: BG022638.D  
Acq: 27 Jun 2016 11:42

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 521437 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 86.1  | 72.5  | 112.5  |
| 77       | 46.6  | 30.1  | 70.1   |
| 79       | 37.7  | 24.2  | 64.2   |



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

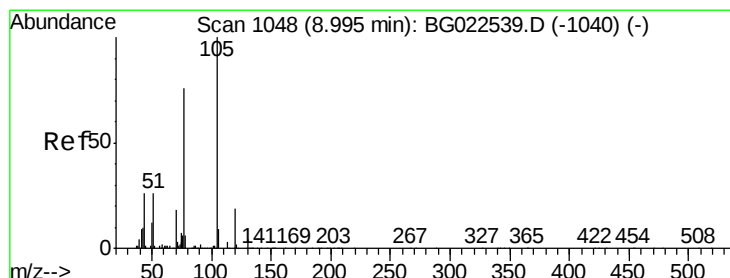
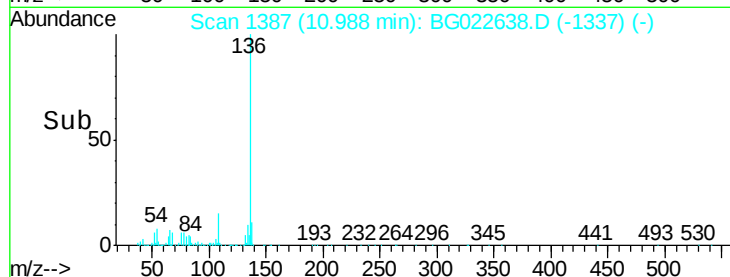
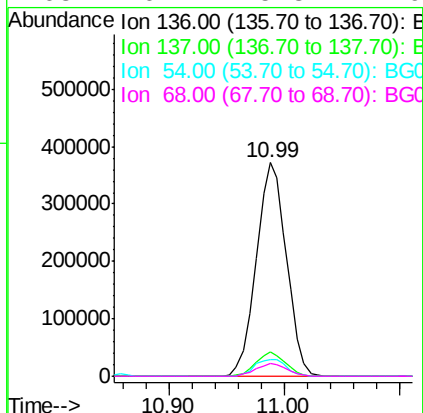
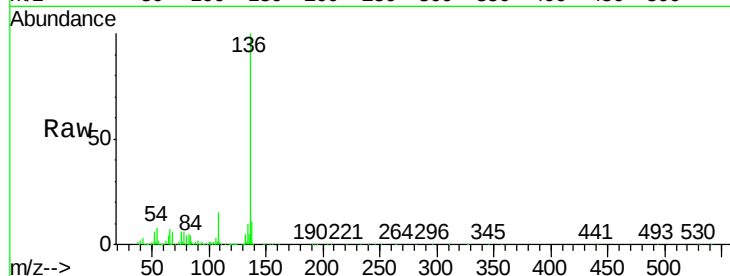




#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 10.99 min Scan# 1387  
Delta R.T. -0.01 min  
Lab File: BG022638.D  
Acq: 27 Jun 2016 11:42

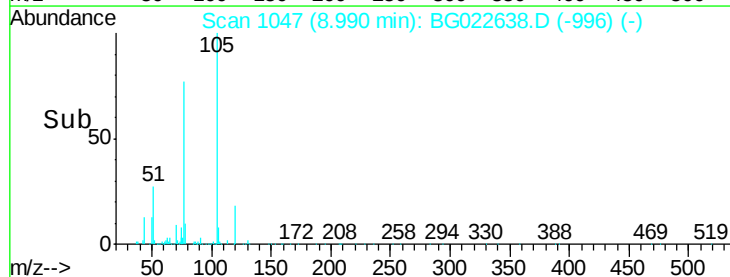
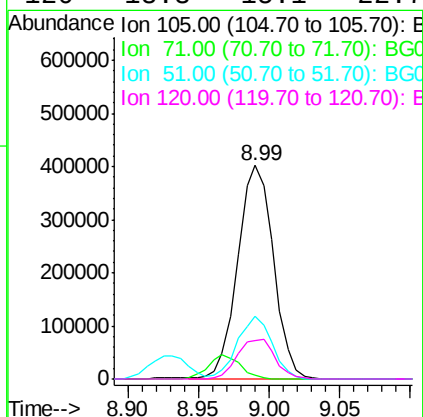
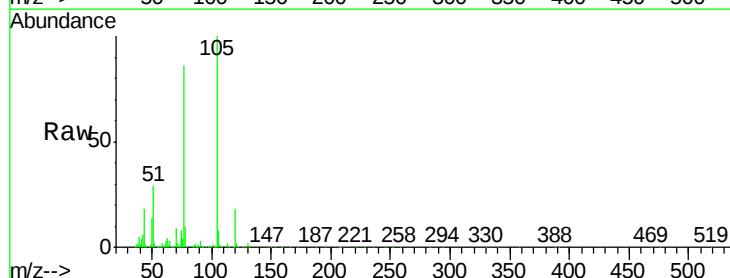
Instrument :  
BNA\_G  
ClientSampleId :  
TEC-COMP-B2AMS

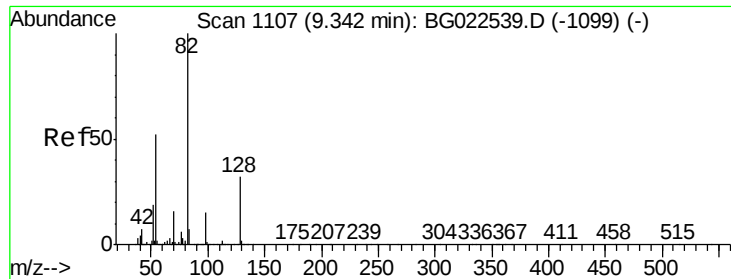
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 136   | Resp: | 674268 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 11.4  | 9.6   | 14.4   |
| 54       | 7.9   | 7.3   | 10.9   |
| 68       | 6.1   | 5.3   | 7.9    |



#22  
Acetophenone  
Concen: 36.48 ng  
RT: 8.99 min Scan# 1047  
Delta R.T. 0.00 min  
Lab File: BG022638.D  
Acq: 27 Jun 2016 11:42

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 105   | Resp: | 711011 |
| Ion      | Ratio | Lower | Upper  |
| 105      | 100   |       |        |
| 71       | 1.8   | 2.6   | 3.8#   |
| 51       | 29.3  | 27.1  | 40.7   |
| 120      | 18.3  | 15.1  | 22.7   |

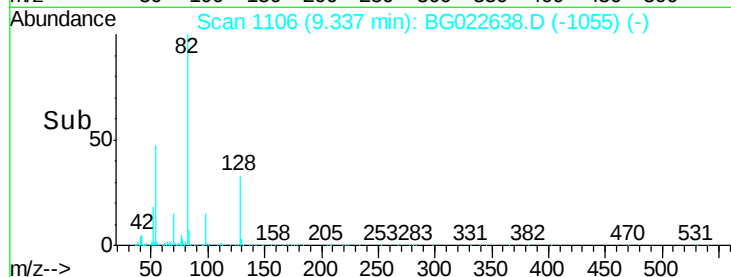
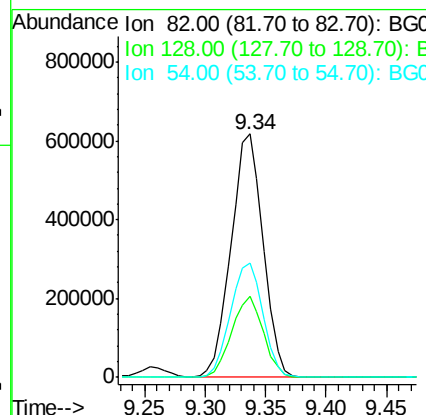
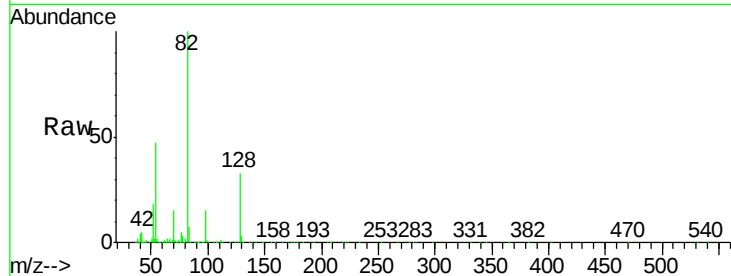




#23  
 Nitrobenzene-d5  
 Concen: 71.39 ng  
 RT: 9.34 min Scan# 1106  
 Delta R.T. 0.00 min  
 Lab File: BG022638.D  
 Acq: 27 Jun 2016 11:42

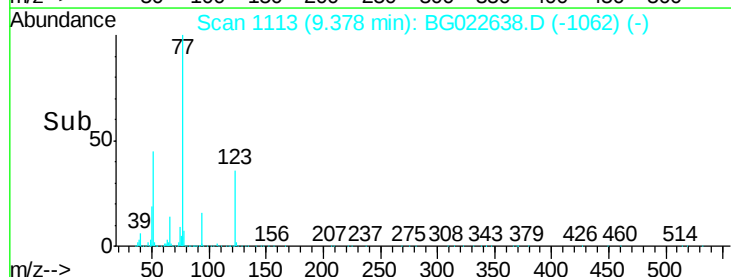
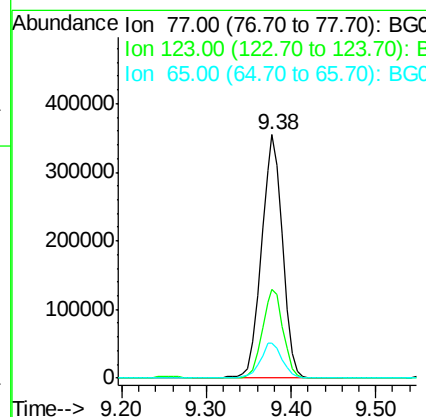
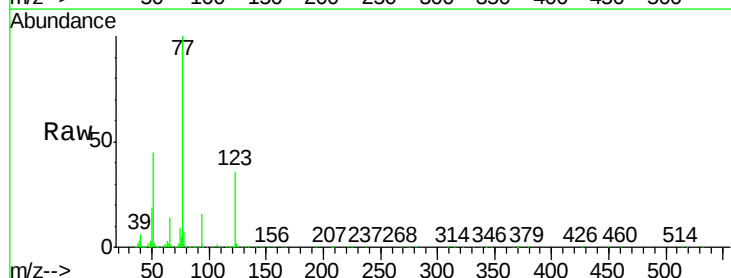
Instrument :  
 BNA\_G  
 ClientSampleId :  
 TEC-COMP-B2AMS

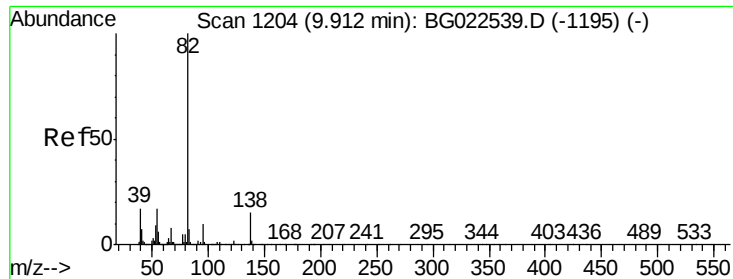
Tgt Ion: 82 Resp: 1137320  
 Ion Ratio Lower Upper  
 82 100  
 128 33.4 24.4 36.6  
 54 46.9 41.4 62.0



#24  
 Nitrobenzene  
 Concen: 35.08 ng  
 RT: 9.38 min Scan# 1113  
 Delta R.T. 0.00 min  
 Lab File: BG022638.D  
 Acq: 27 Jun 2016 11:42

Tgt Ion: 77 Resp: 617662  
 Ion Ratio Lower Upper  
 77 100  
 123 36.4 25.0 37.6  
 65 14.3 13.4 20.0





#25

Isophorone

Concen: 35.51 ng

RT: 9.90 min Scan# 1202

Delta R.T. -0.01 min

Lab File: BG022638.D

Acq: 27 Jun 2016 11:42

Instrument :

BNA\_G

ClientSampleId :

TEC-COMP-B2AMS

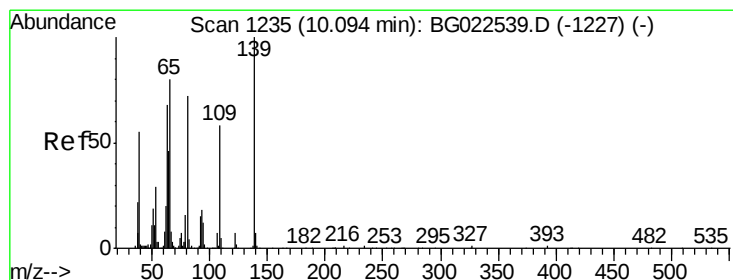
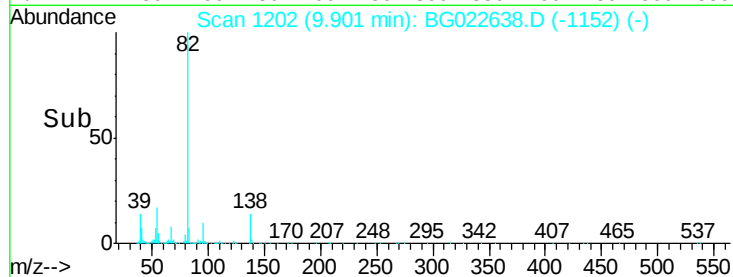
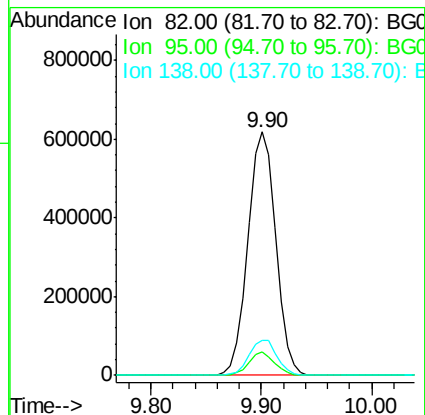
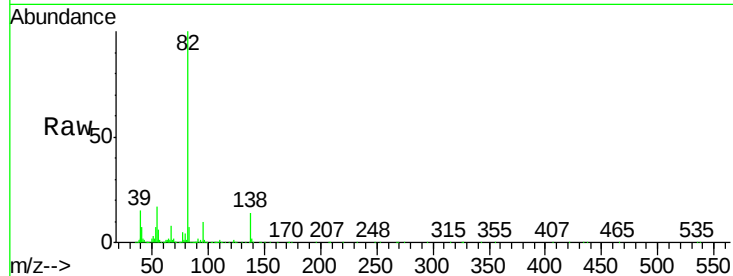
Tgt Ion: 82 Resp: 1098235

Ion Ratio Lower Upper

82 100

95 9.6 8.2 12.2

138 14.3 10.7 16.1



#26

2-Nitrophenol

Concen: 37.52 ng

RT: 10.09 min Scan# 1234

Delta R.T. 0.00 min

Lab File: BG022638.D

Acq: 27 Jun 2016 11:42

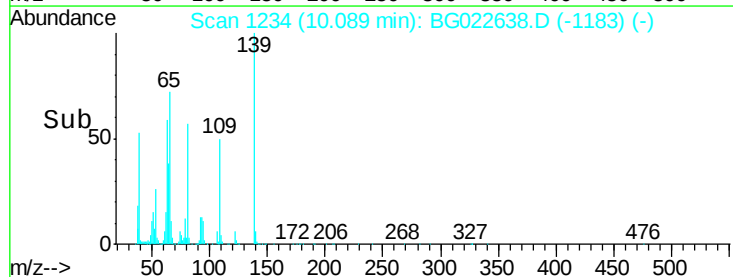
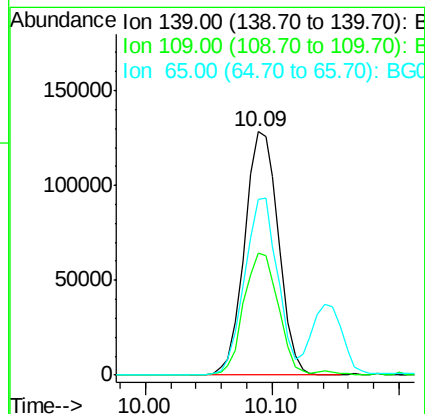
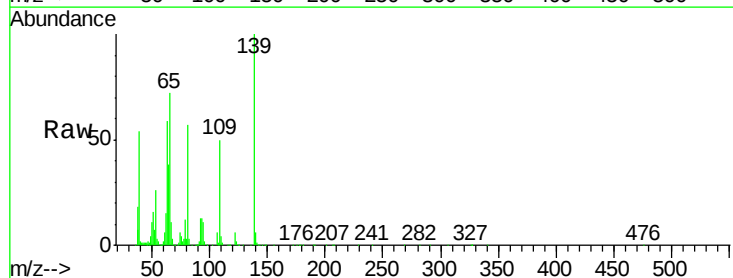
Tgt Ion: 139 Resp: 237971

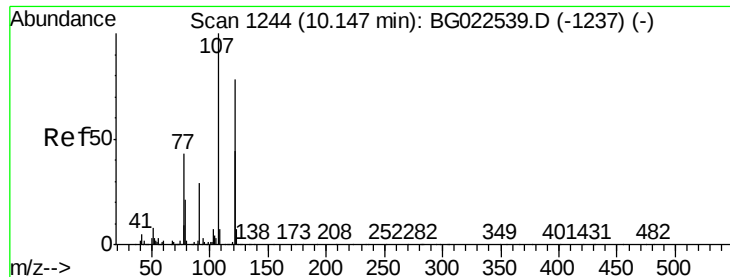
Ion Ratio Lower Upper

139 100

109 50.3 43.5 65.3

65 72.0 64.3 96.5

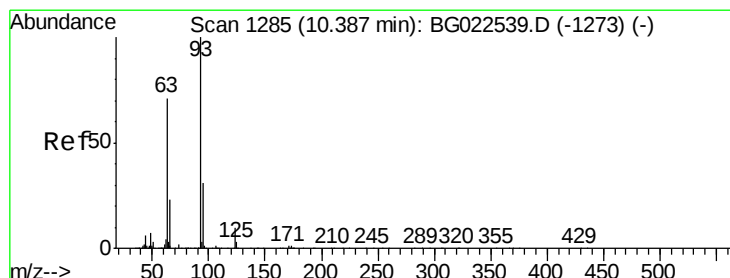
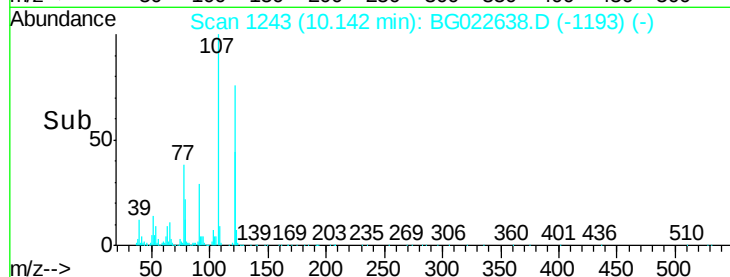
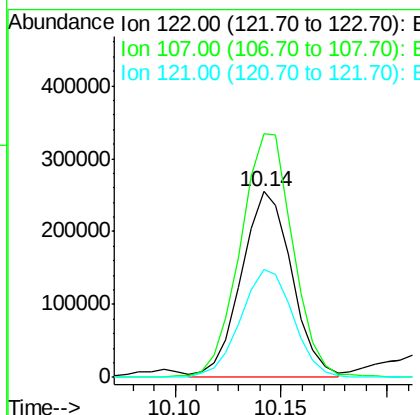
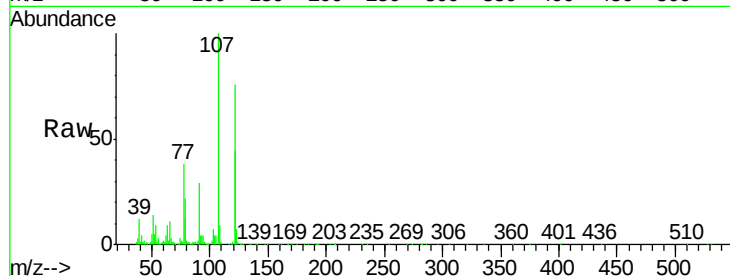




#27  
 2,4-Dimethylphenol  
 Concen: 34.84 ng  
 RT: 10.14 min Scan# 1243  
 Delta R.T. -0.01 min  
 Lab File: BG022638.D  
 Acq: 27 Jun 2016 11:42

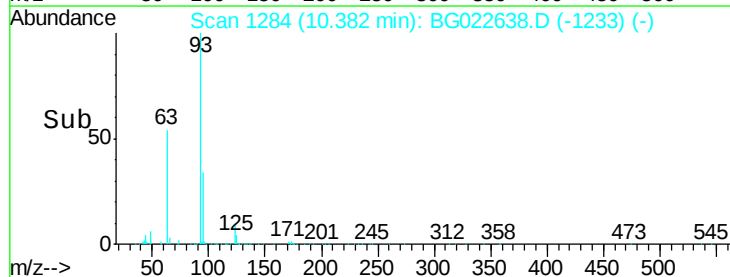
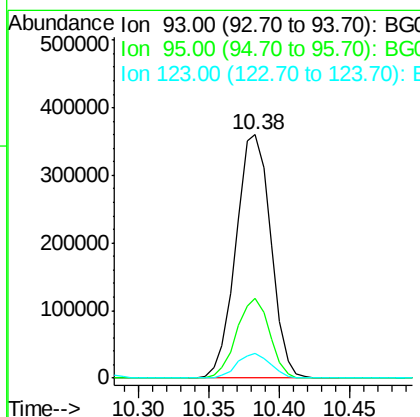
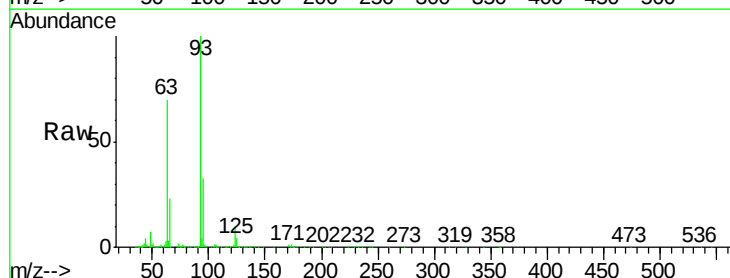
Instrument :  
 BNA\_G  
 ClientSampleId :  
 TEC-COMP-B2AMS

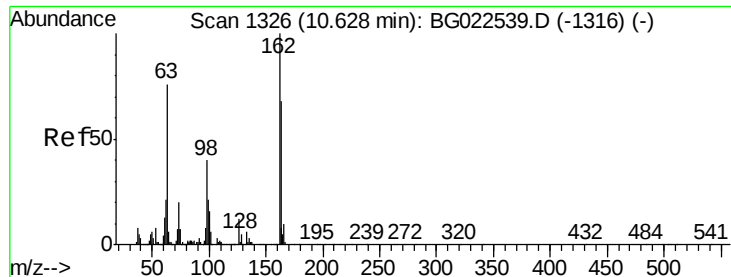
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 131.0 | 117.0 | 175.4 |
| 121     | 57.9  | 50.1  | 75.1  |



#28  
 bis(2-Chloroethoxy)methane  
 Concen: 36.83 ng  
 RT: 10.38 min Scan# 1284  
 Delta R.T. 0.00 min  
 Lab File: BG022638.D  
 Acq: 27 Jun 2016 11:42

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 32.9  | 25.4  | 38.2  |
| 123     | 10.2  | 8.2   | 12.2  |

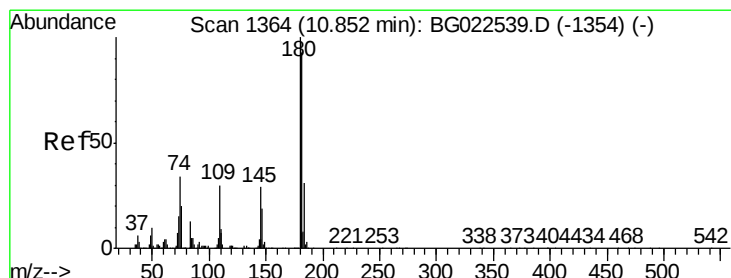
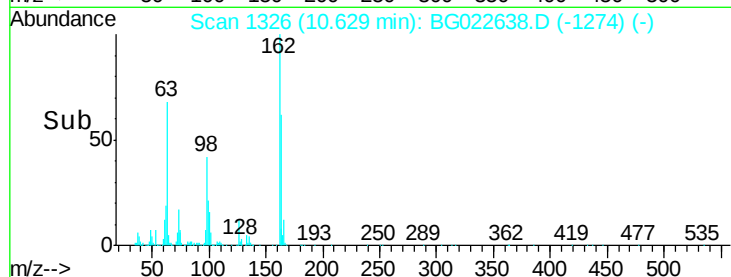
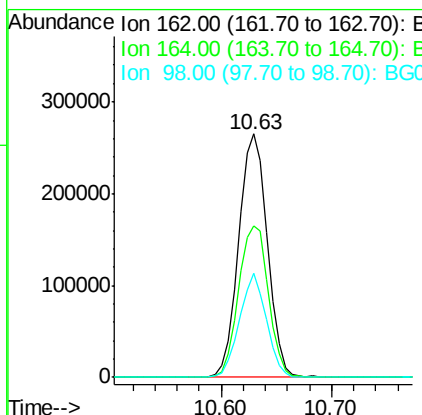
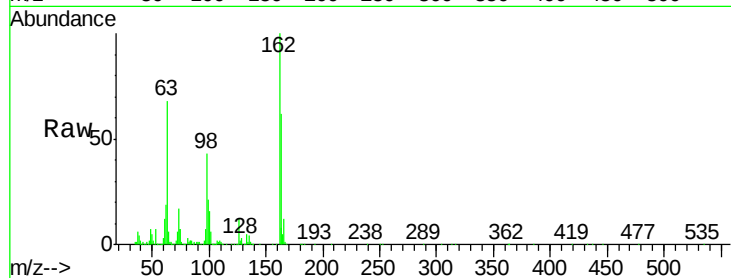




#29  
2,4-Dichlorophenol  
Concen: 41.08 ng  
RT: 10.63 min Scan# 1326  
Delta R.T. 0.01 min  
Lab File: BG022638.D  
Acq: 27 Jun 2016 11:42

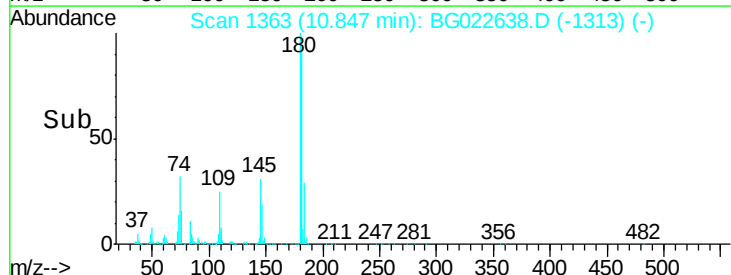
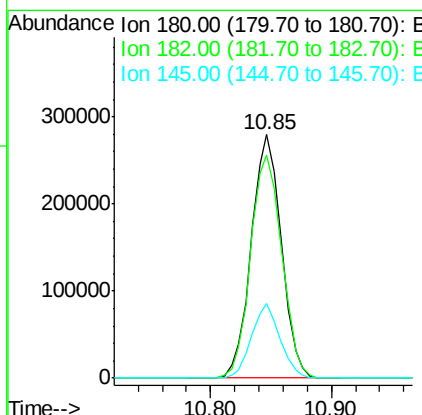
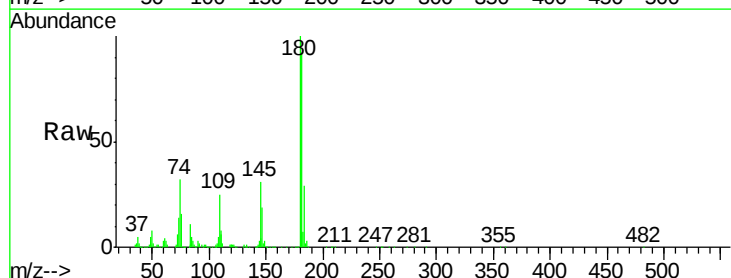
Instrument :  
BNA\_G  
ClientSampleId :  
TEC-COMP-B2AMS

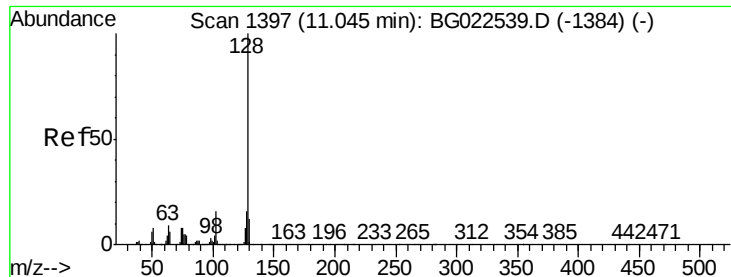
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 62.0  | 44.3  | 84.3  |
| 98      | 42.5  | 19.5  | 59.5  |



#30  
1,2,4-Trichlorobenzene  
Concen: 34.55 ng  
RT: 10.85 min Scan# 1363  
Delta R.T. -0.01 min  
Lab File: BG022638.D  
Acq: 27 Jun 2016 11:42

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 91.9  | 73.8  | 110.8 |
| 145     | 30.6  | 24.4  | 36.6  |

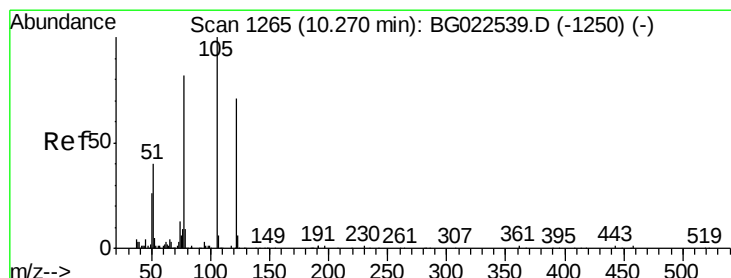
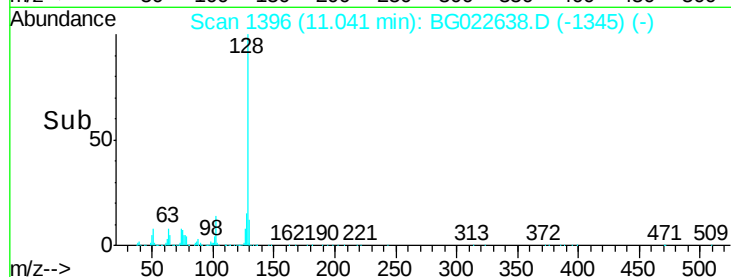
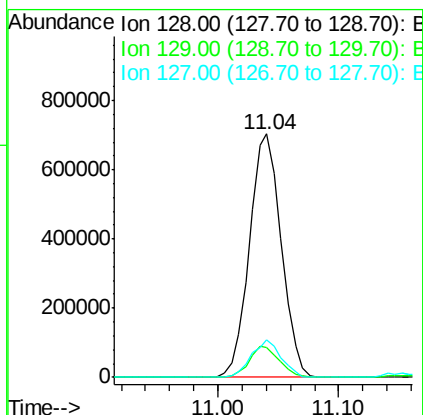
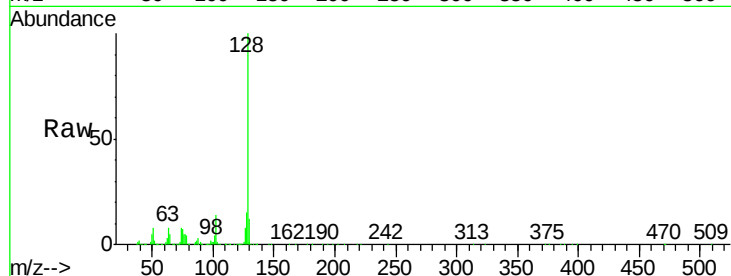




#31  
Naphthalene  
Concen: 37.93 ng  
RT: 11.04 min Scan# 1396  
Delta R.T. 0.00 min  
Lab File: BG022638.D  
Acq: 27 Jun 2016 11:42

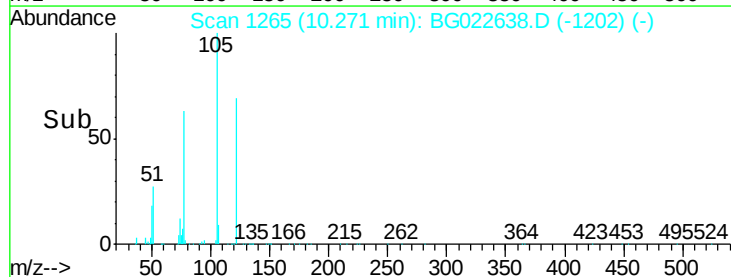
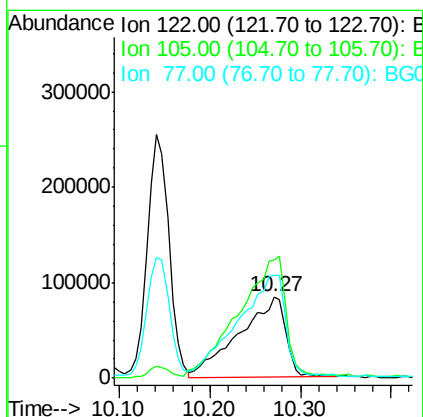
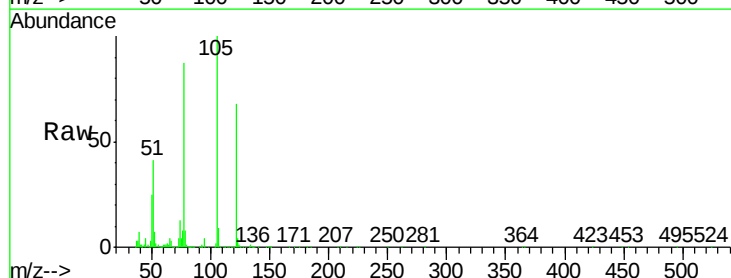
Instrument :  
BNA\_G  
ClientSampleId :  
TEC-COMP-B2AMS

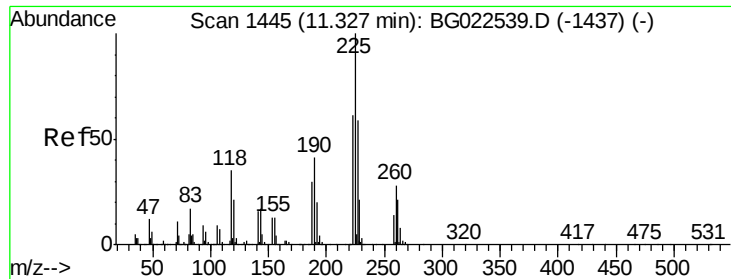
Tgt Ion:128 Resp: 1285463  
Ion Ratio Lower Upper  
128 100  
129 12.2 9.4 14.0  
127 15.2 11.3 16.9



#32  
Benzoic acid  
Concen: 38.95 ng  
RT: 10.27 min Scan# 1265  
Delta R.T. 0.07 min  
Lab File: BG022638.D  
Acq: 27 Jun 2016 11:42

Tgt Ion:122 Resp: 299959  
Ion Ratio Lower Upper  
122 100  
105 146.5 117.2 157.2  
77 127.0 109.2 149.2

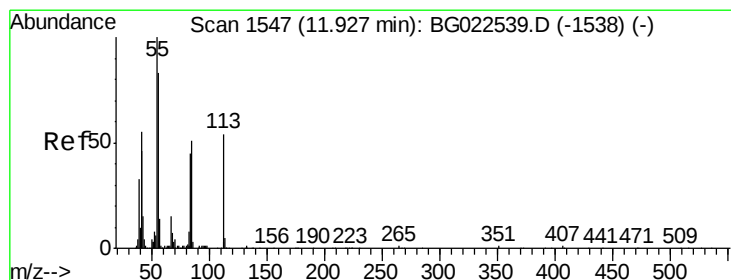
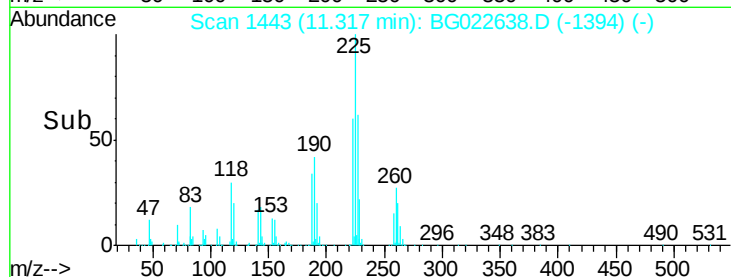
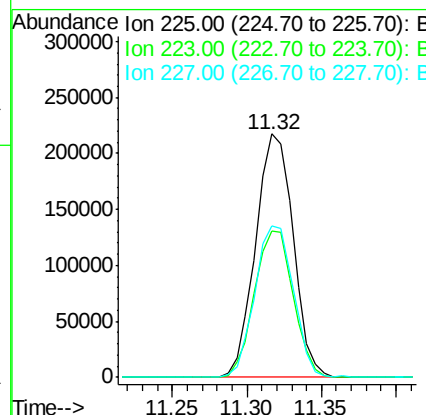
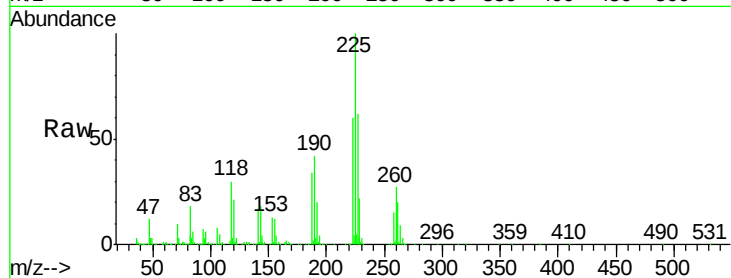




#34  
Hexachlorobutadiene  
Concen: 34.68 ng  
RT: 11.32 min Scan# 1443  
Delta R.T. -0.01 min  
Lab File: BG022638.D  
Acq: 27 Jun 2016 11:42

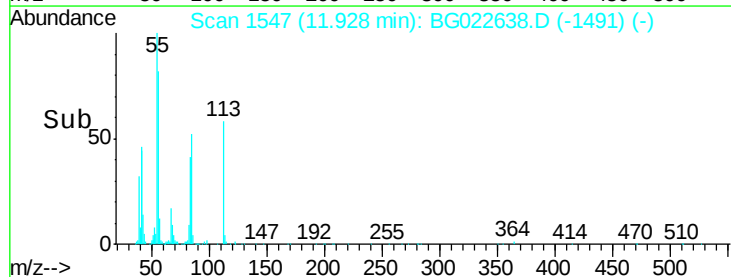
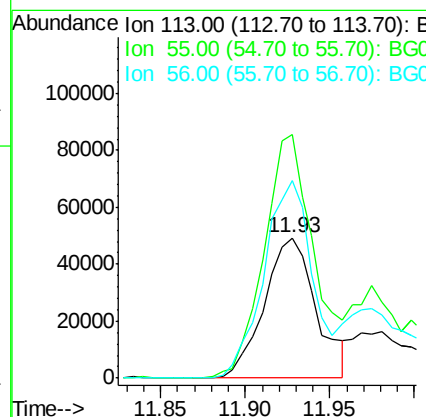
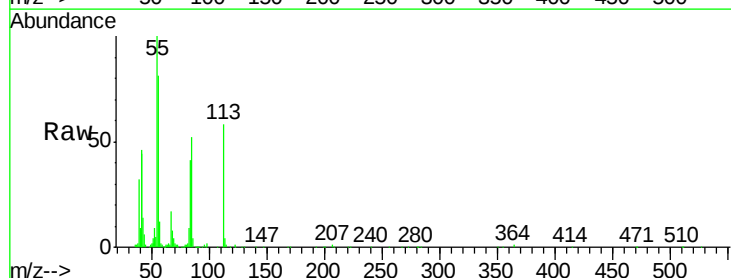
Instrument :  
BNA\_G  
ClientSampleId :  
TEC-COMP-B2AMS

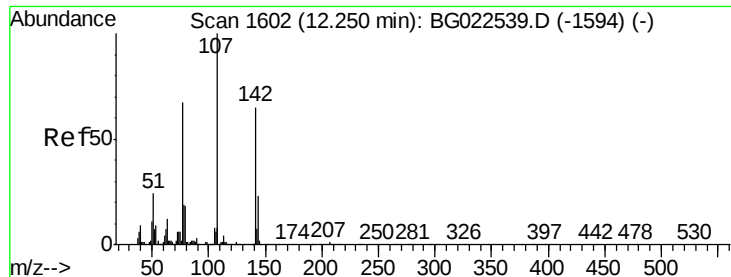
Tgt Ion: 225 Resp: 377807  
Ion Ratio Lower Upper  
225 100  
223 60.0 49.6 74.4  
227 62.4 54.5 81.7



#35  
Caprolactam  
Concen: 28.20 ng  
RT: 11.93 min Scan# 1547  
Delta R.T. 0.03 min  
Lab File: BG022638.D  
Acq: 27 Jun 2016 11:42

Tgt Ion: 113 Resp: 104868  
Ion Ratio Lower Upper  
113 100  
55 173.5 154.5 194.5  
56 141.2 125.1 165.1

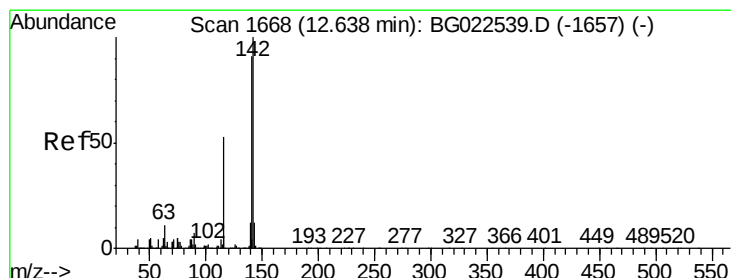
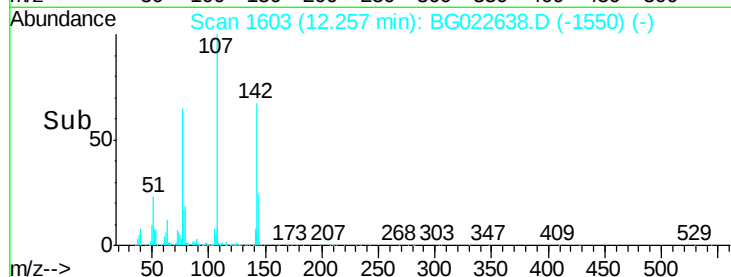
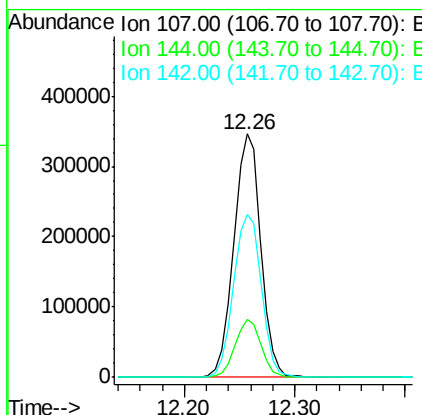
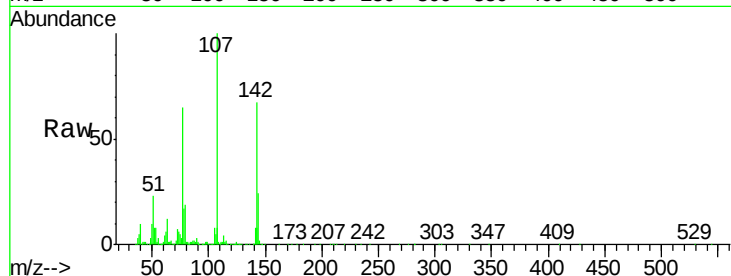




#36  
4-Chloro-3-methylphenol  
Concen: 41.06 ng  
RT: 12.26 min Scan# 1603  
Delta R.T. 0.01 min  
Lab File: BG022638.D  
Acq: 27 Jun 2016 11:42

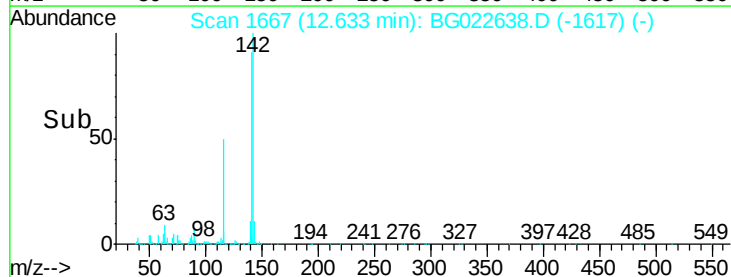
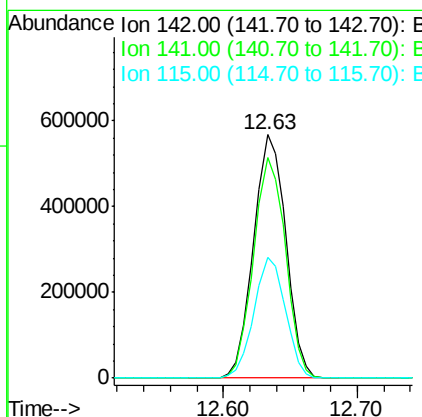
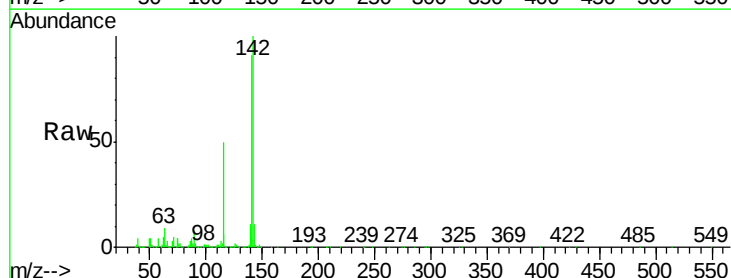
Instrument :  
BNA\_G  
ClientSampleId :  
TEC-COMP-B2AMS

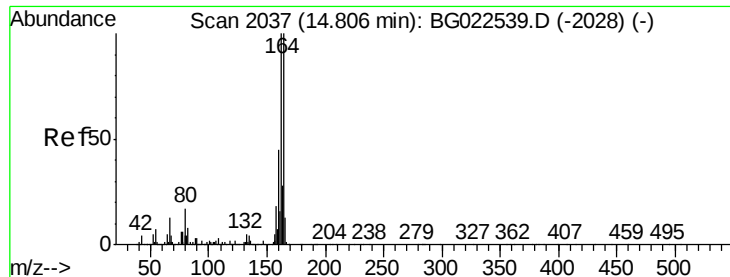
Tgt Ion:107 Resp: 595130  
Ion Ratio Lower Upper  
107 100  
144 23.8 17.0 25.6  
142 67.2 53.0 79.6



#37  
2-Methylnaphthalene  
Concen: 36.17 ng  
RT: 12.63 min Scan# 1667  
Delta R.T. -0.01 min  
Lab File: BG022638.D  
Acq: 27 Jun 2016 11:42

Tgt Ion:142 Resp: 950753  
Ion Ratio Lower Upper  
142 100  
141 90.7 70.2 105.2  
115 49.8 41.7 62.5





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.80 min Scan# 2036

Delta R.T. 0.00 min

Lab File: BG022638.D

Acq: 27 Jun 2016 11:42

Instrument :

BNA\_G

ClientSampleId :

TEC-COMP-B2AMS

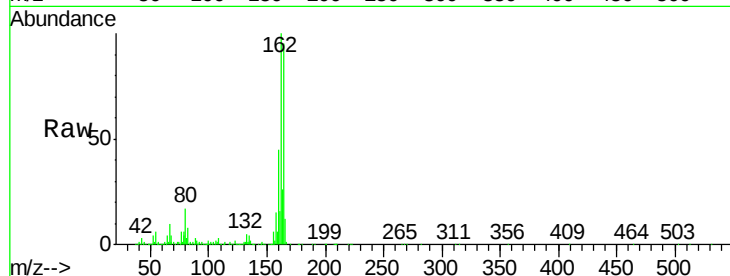
Tgt Ion:164 Resp: 504871

Ion Ratio Lower Upper

164 100

162 105.2 87.7 131.5

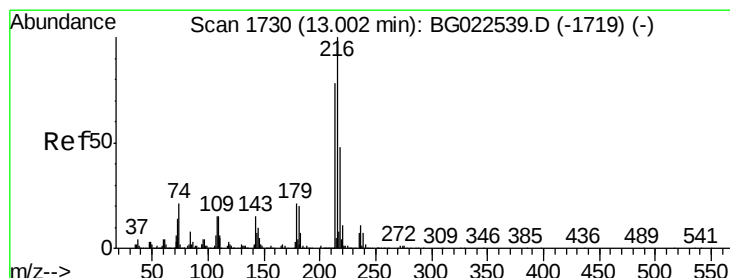
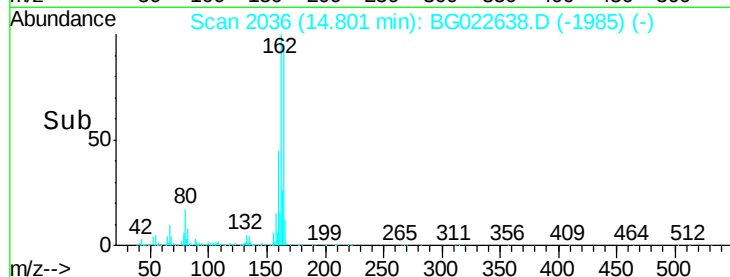
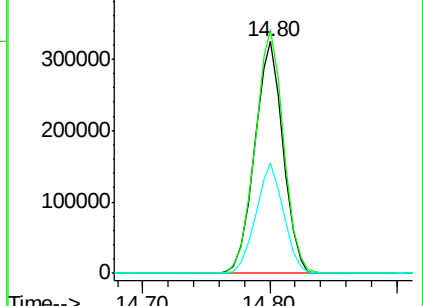
160 47.7 37.2 55.8



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#39

1,2,4,5-Tetrachlorobenzene

Concen: 33.30 ng

RT: 13.00 min Scan# 1729

Delta R.T. 0.00 min

Lab File: BG022638.D

Acq: 27 Jun 2016 11:42

Tgt Ion:216 Resp: 634644

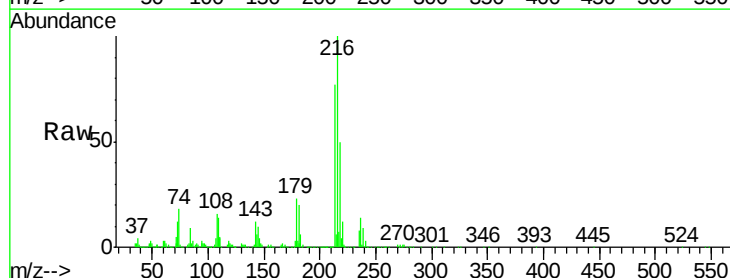
Ion Ratio Lower Upper

216 100

214 80.4 62.9 94.3

179 21.3 17.2 25.8

108 19.5 16.3 24.5

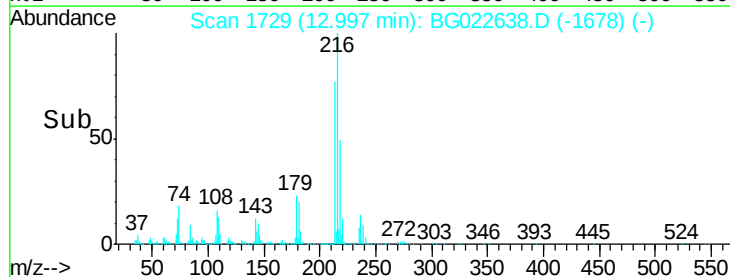
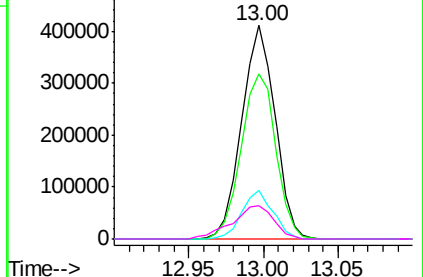


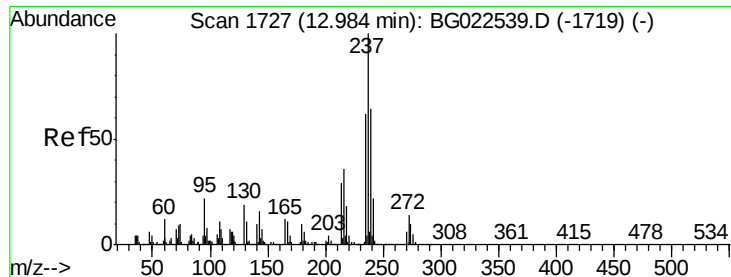
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#40

Hexachlorocyclopentadiene

Concen: 51.67 ng

RT: 12.97 min Scan# 1725

Delta R.T. -0.01 min

Lab File: BG022638.D

Acq: 27 Jun 2016 11:42

Instrument :

BNA\_G

ClientSampleId :

TEC-COMP-B2AMS

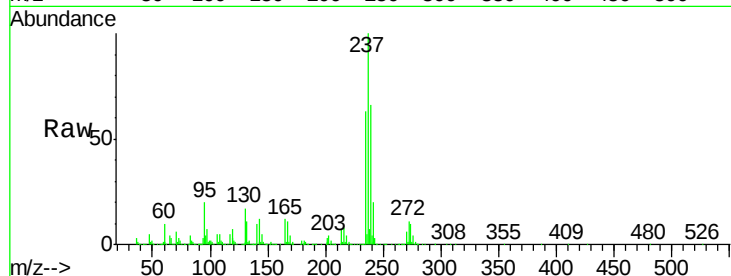
Tgt Ion: 237 Resp: 786240

Ion Ratio Lower Upper

237 100

235 62.8 43.1 83.1

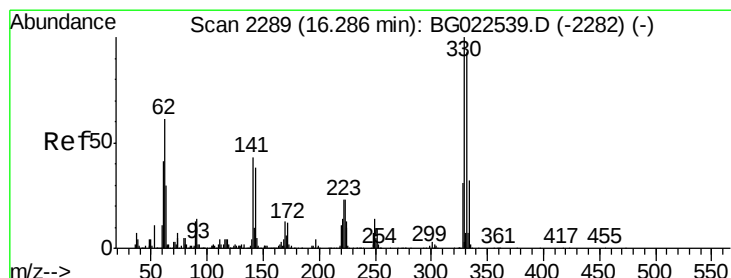
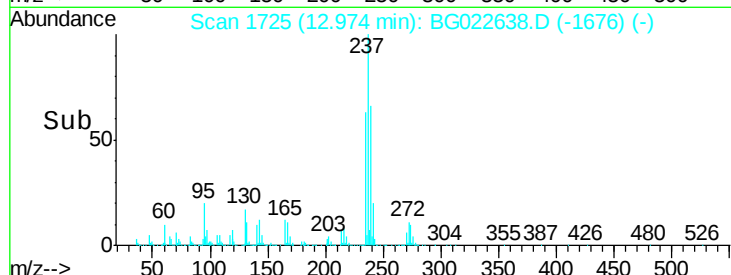
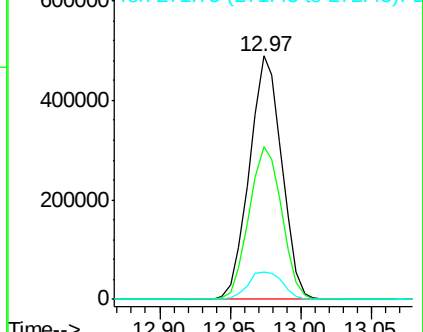
272 11.3 0.0 30.9



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#41

2,4,6-Tribromophenol

Concen: 118.10 ng

RT: 16.29 min Scan# 2290

Delta R.T. 0.01 min

Lab File: BG022638.D

Acq: 27 Jun 2016 11:42

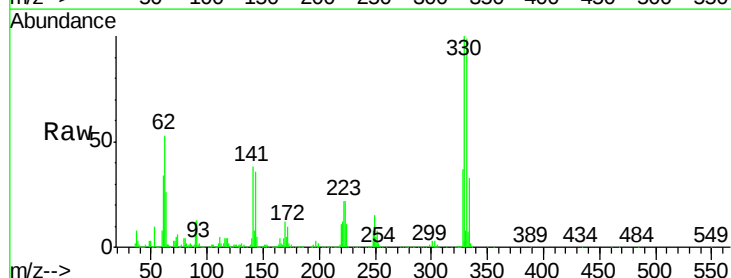
Tgt Ion: 330 Resp: 937793

Ion Ratio Lower Upper

330 100

332 98.9 77.4 116.2

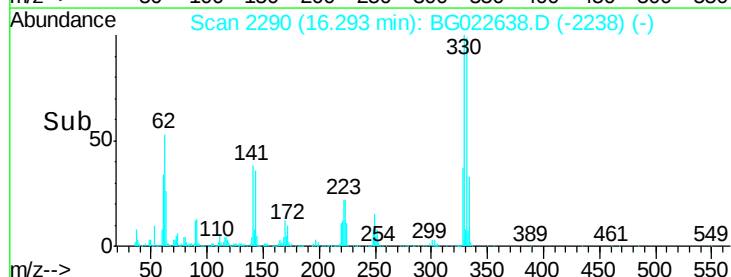
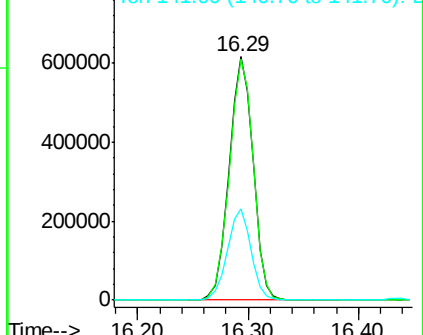
141 36.9 31.7 47.5

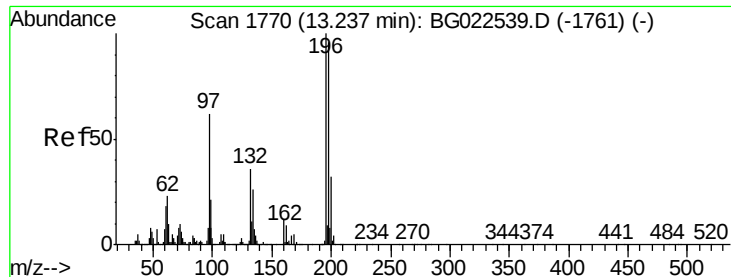


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

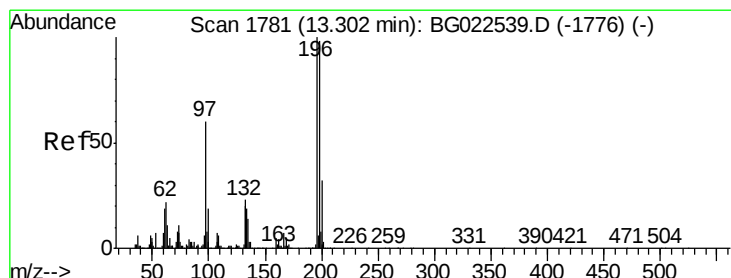
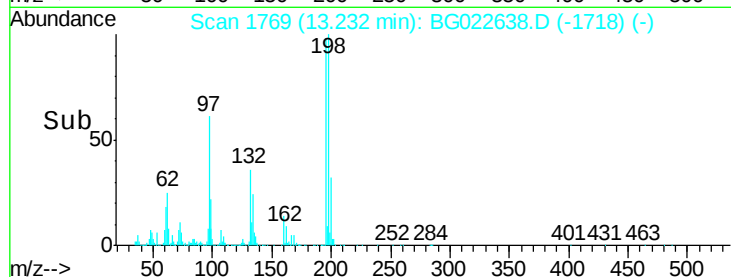
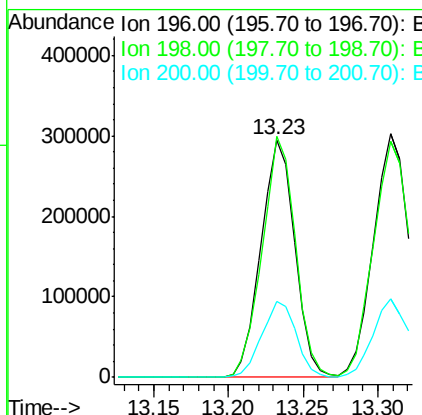
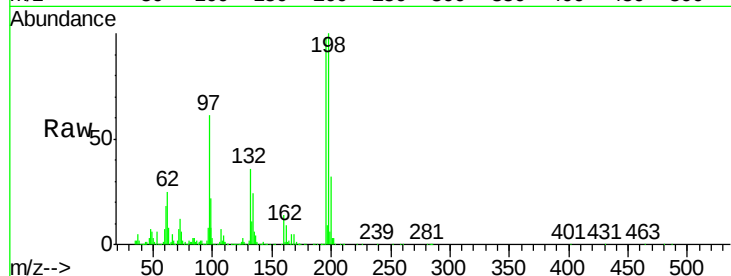




#42  
 2,4,6-Trichlorophenol  
 Concen: 37.90 ng  
 RT: 13.23 min Scan# 1769  
 Delta R.T. 0.00 min  
 Lab File: BG022638.D  
 Acq: 27 Jun 2016 11:42

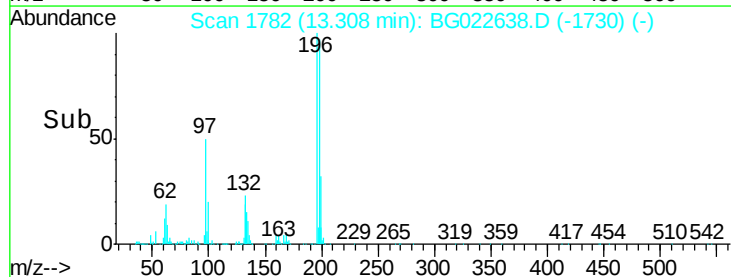
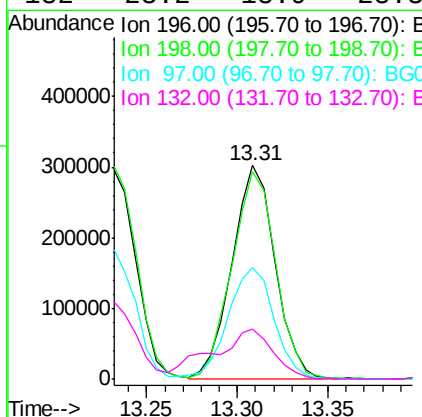
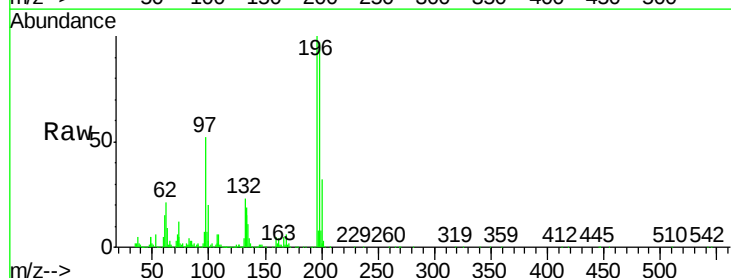
Instrument :  
 BNA\_G  
 ClientSampleId :  
 TEC-COMP-B2AMS

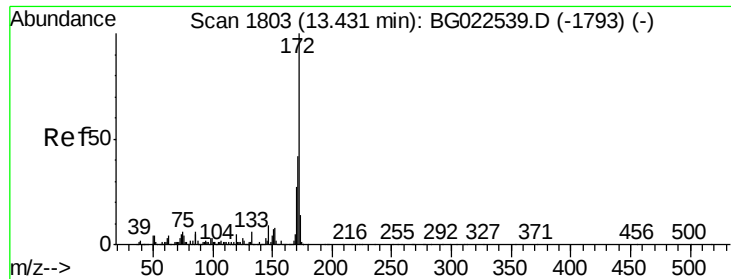
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 101.7 | 78.2  | 117.2 |
| 200     | 32.0  | 27.0  | 40.4  |



#43  
 2,4,5-Trichlorophenol  
 Concen: 38.89 ng  
 RT: 13.31 min Scan# 1782  
 Delta R.T. 0.01 min  
 Lab File: BG022638.D  
 Acq: 27 Jun 2016 11:42

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 96.8  | 85.7  | 128.5 |
| 97      | 52.2  | 45.5  | 68.3  |
| 132     | 23.2  | 18.9  | 28.3  |

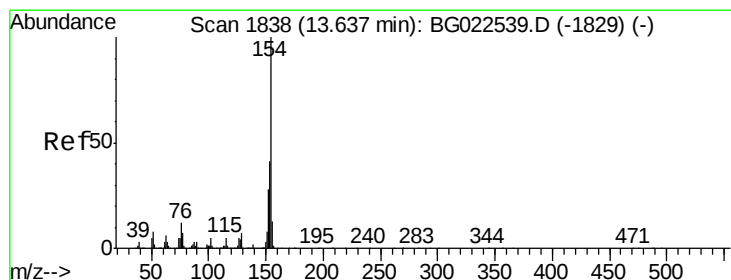
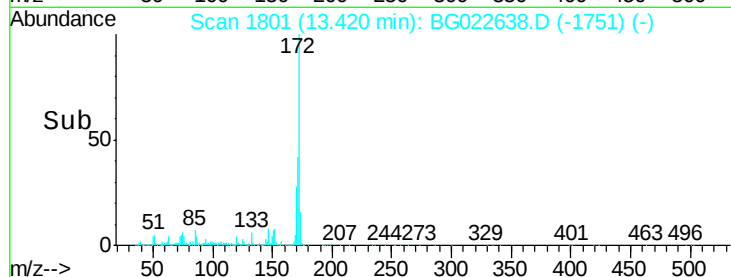
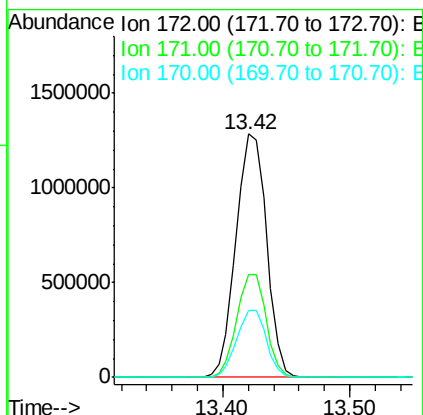
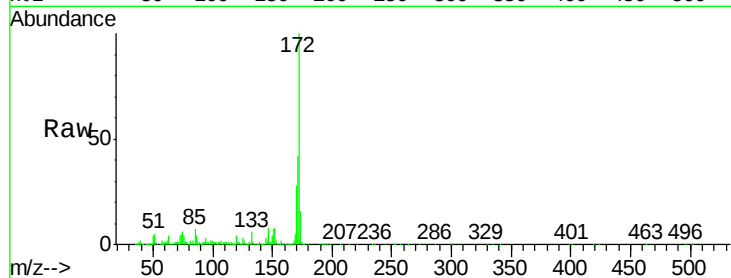




#44  
2-Fluorobiphenyl  
Concen: 67.54 ng  
RT: 13.42 min Scan# 1801  
Delta R.T. -0.01 min  
Lab File: BG022638.D  
Acq: 27 Jun 2016 11:42

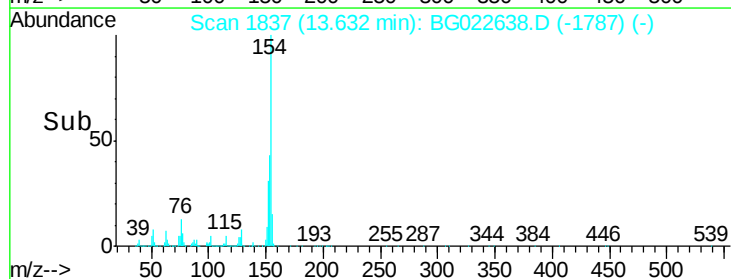
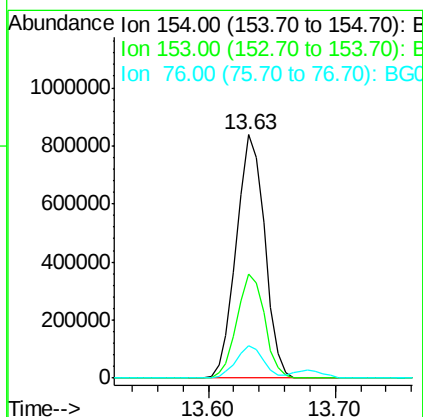
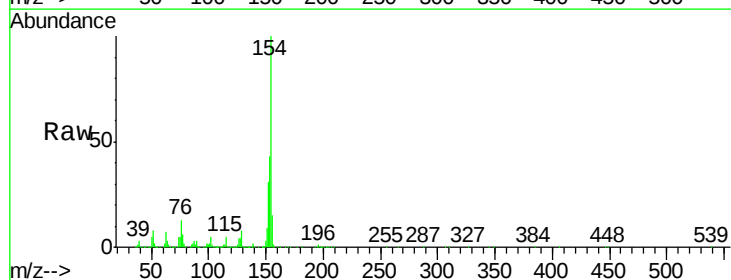
Instrument :  
BNA\_G  
ClientSampleId :  
TEC-COMP-B2AMS

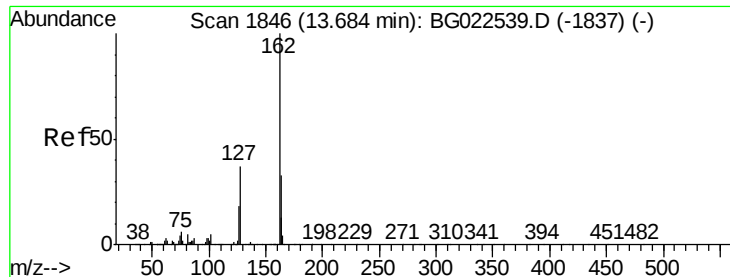
Tgt Ion:172 Resp: 2150282  
Ion Ratio Lower Upper  
172 100  
171 42.3 31.6 47.4  
170 27.7 21.3 31.9



#45  
1,1'-Biphenyl  
Concen: 33.74 ng  
RT: 13.63 min Scan# 1837  
Delta R.T. -0.01 min  
Lab File: BG022638.D  
Acq: 27 Jun 2016 11:42

Tgt Ion:154 Resp: 1297521  
Ion Ratio Lower Upper  
154 100  
153 42.9 20.2 60.2  
76 13.4 0.0 32.9

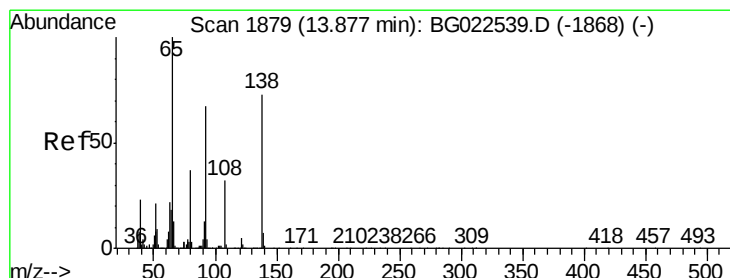
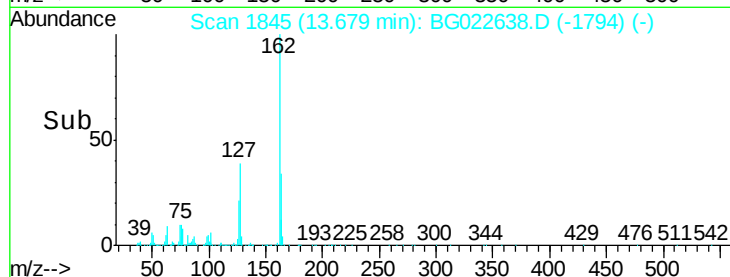
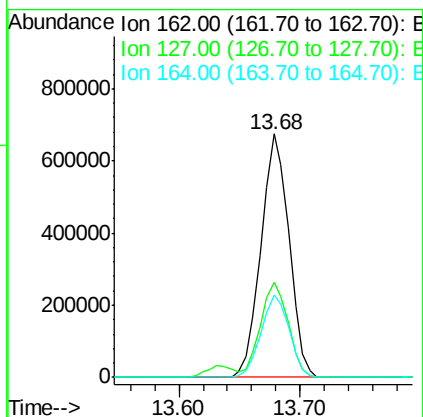
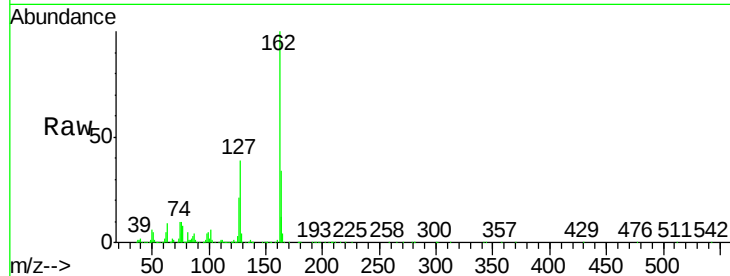




#46  
2-Chloronaphthalene  
Concen: 34.27 ng  
RT: 13.68 min Scan# 1845  
Delta R.T. 0.00 min  
Lab File: BG022638.D  
Acq: 27 Jun 2016 11:42

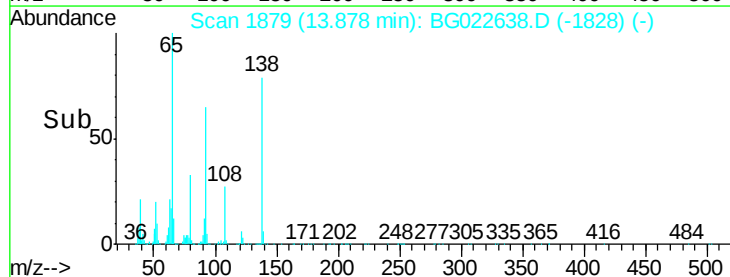
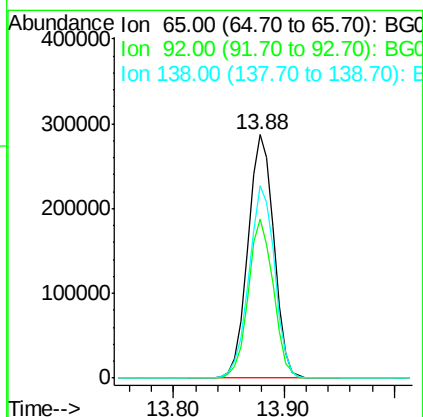
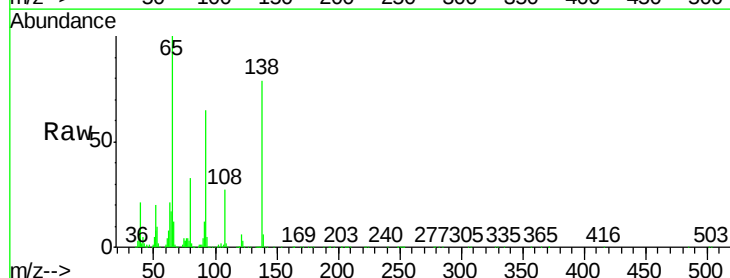
Instrument :  
BNA\_G  
ClientSampleId :  
TEC-COMP-B2AMS

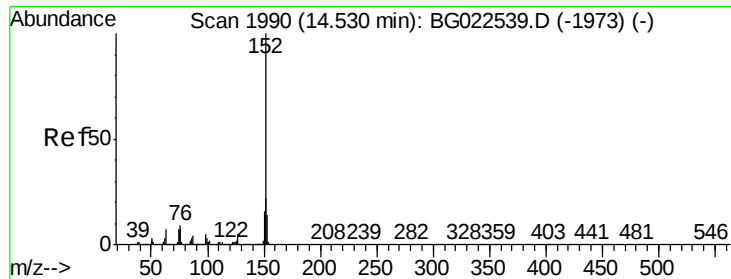
Tgt Ion: 162 Resp: 1084514  
Ion Ratio Lower Upper  
162 100  
127 39.0 32.4 48.6  
164 33.8 25.2 37.8



#47  
2-Nitroaniline  
Concen: 38.75 ng  
RT: 13.88 min Scan# 1879  
Delta R.T. 0.00 min  
Lab File: BG022638.D  
Acq: 27 Jun 2016 11:42

Tgt Ion: 65 Resp: 473385  
Ion Ratio Lower Upper  
65 100  
92 65.3 49.4 74.0  
138 78.8 58.0 87.0





#48

Acenaphthylene

Concen: 34.39 ng

RT: 14.52 min Scan# 1989

Delta R.T. 0.00 min

Lab File: BG022638.D

Acq: 27 Jun 2016 11:42

Instrument :

BNA\_G

ClientSampleId :

TEC-COMP-B2AMS

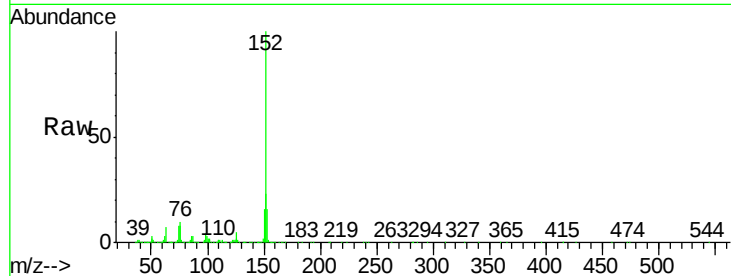
Tgt Ion:152 Resp: 1578343

Ion Ratio Lower Upper

152 100

151 23.0 17.6 26.4

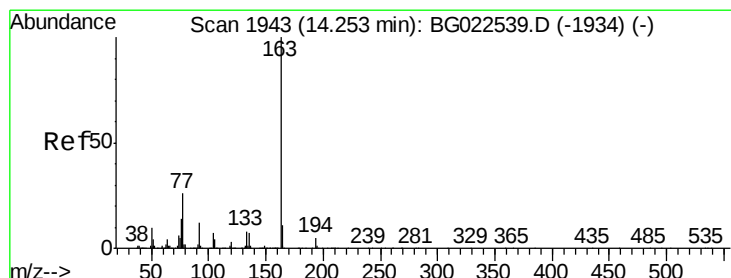
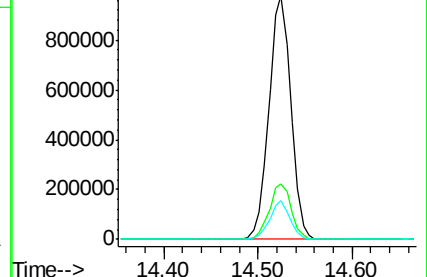
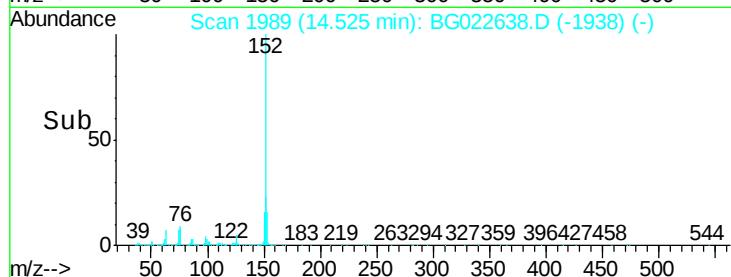
153 15.8 11.4 17.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 36.06 ng

RT: 14.25 min Scan# 1942

Delta R.T. 0.00 min

Lab File: BG022638.D

Acq: 27 Jun 2016 11:42

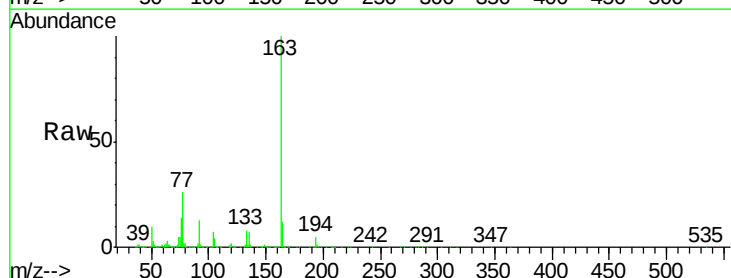
Tgt Ion:163 Resp: 1510377

Ion Ratio Lower Upper

163 100

194 5.0 3.6 5.4

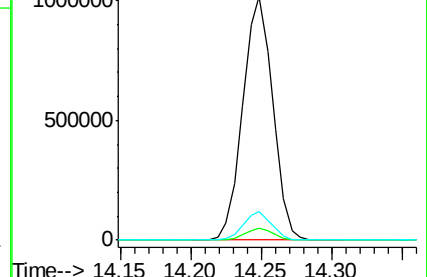
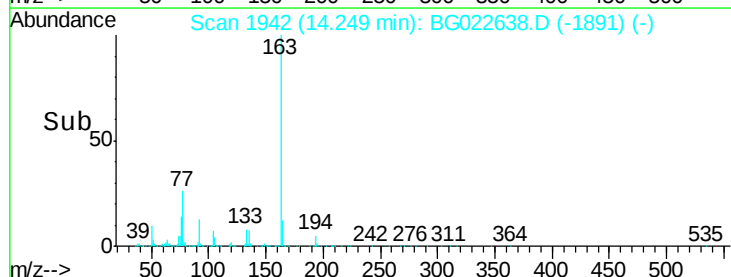
164 11.8 8.1 12.1

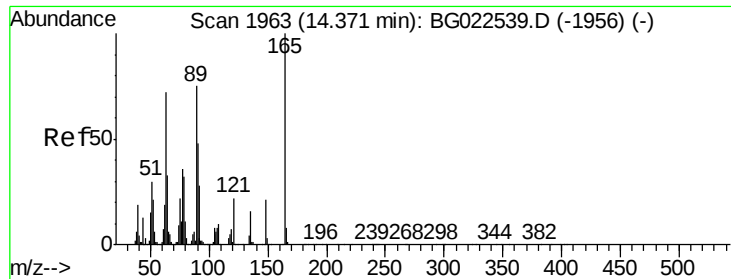


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

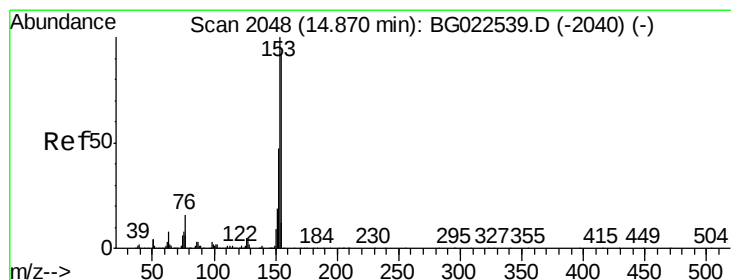
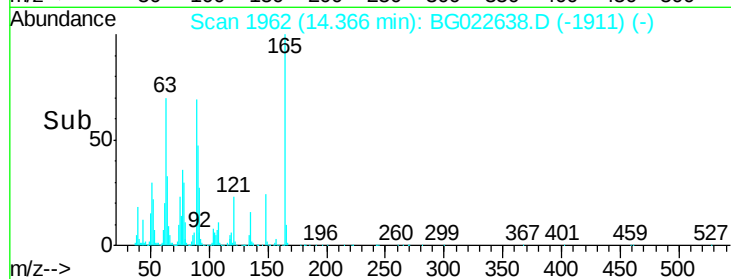
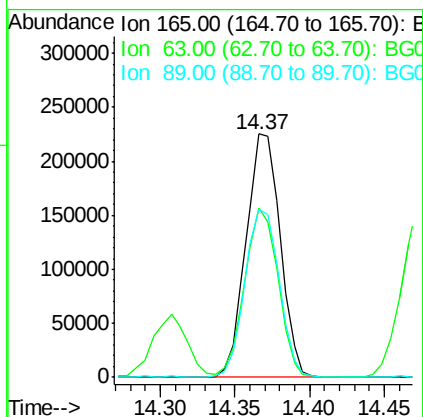
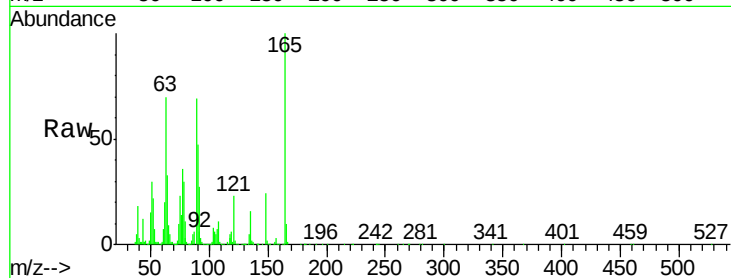




#50  
2,6-Dinitrotoluene  
Concen: 39.10 ng  
RT: 14.37 min Scan# 1962  
Delta R.T. 0.00 min  
Lab File: BG022638.D  
Acq: 27 Jun 2016 11:42

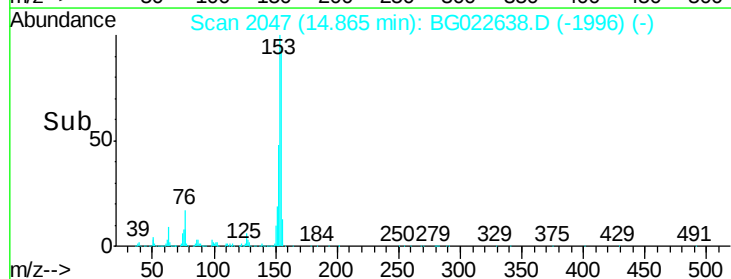
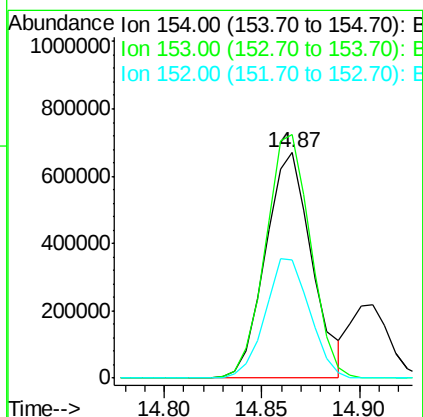
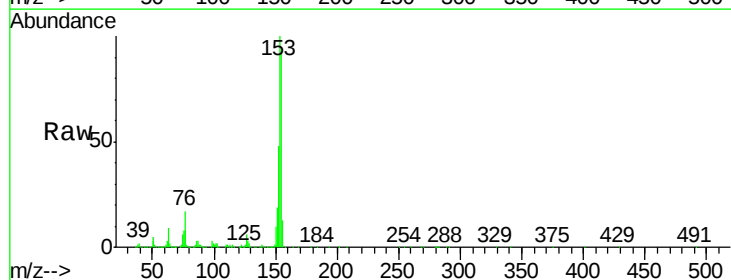
Instrument :  
BNA\_G  
ClientSampleId :  
TEC-COMP-B2AMS

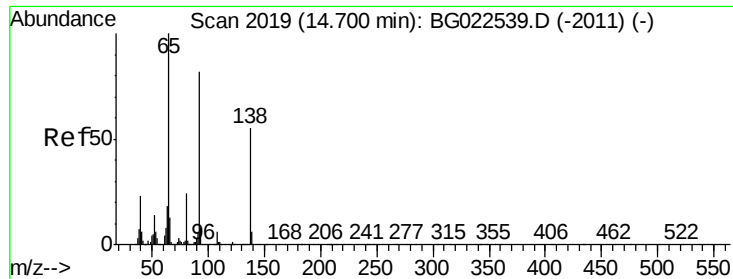
Tgt Ion:165 Resp: 355799  
Ion Ratio Lower Upper  
165 100  
63 69.7 64.3 96.5  
89 69.0 64.3 96.5



#51  
Acenaphthene  
Concen: 32.47 ng  
RT: 14.87 min Scan# 2047  
Delta R.T. 0.00 min  
Lab File: BG022638.D  
Acq: 27 Jun 2016 11:42

Tgt Ion:154 Resp: 1097941  
Ion Ratio Lower Upper  
154 100  
153 107.9 87.5 131.3  
152 52.3 42.7 64.1

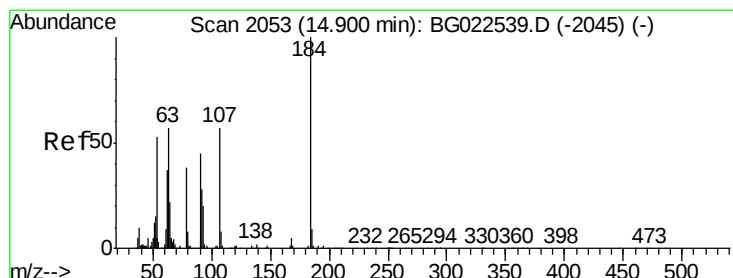
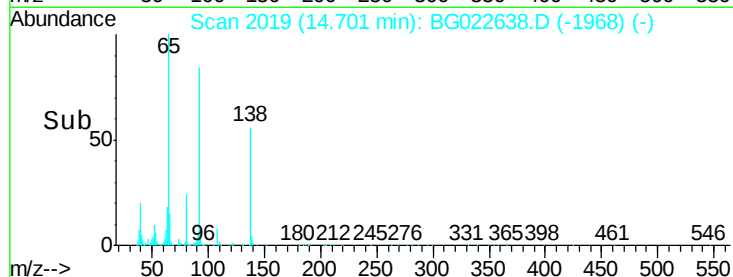
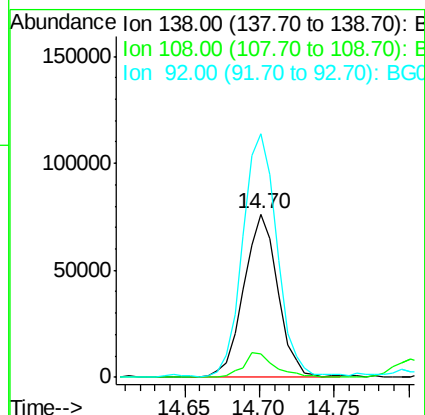
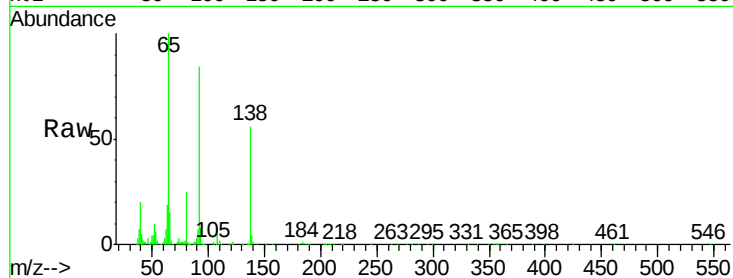




#52  
3-Nitroaniline  
Concen: 14.16 ng  
RT: 14.70 min Scan# 2019  
Delta R.T. 0.00 min  
Lab File: BG022638.D  
Acq: 27 Jun 2016 11:42

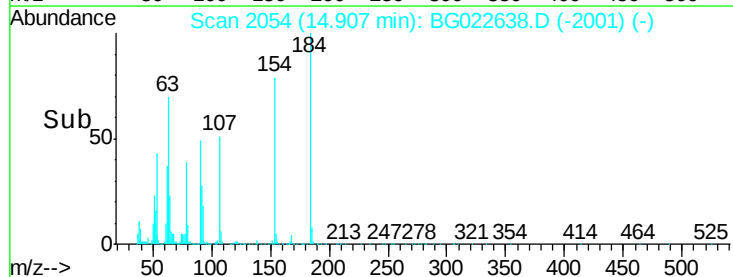
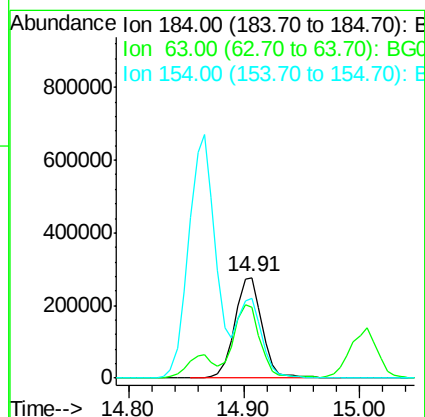
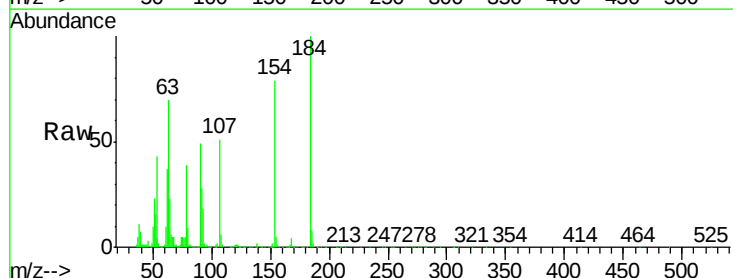
Instrument :  
BNA\_G  
ClientSampleId :  
TEC-COMP-B2AMS

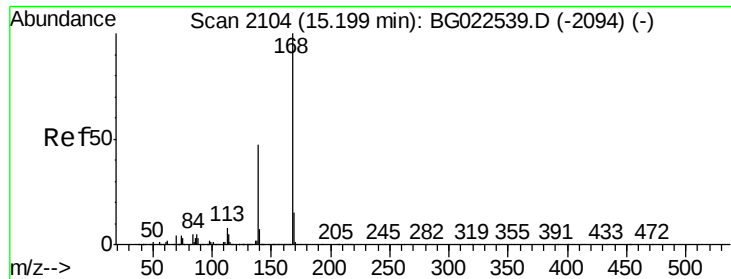
Tgt Ion:138 Resp: 120618  
Ion Ratio Lower Upper  
138 100  
108 14.1 11.7 17.5  
92 149.3 129.7 194.5



#53  
2,4-Dinitrophenol  
Concen: 80.87 ng  
RT: 14.91 min Scan# 2054  
Delta R.T. 0.01 min  
Lab File: BG022638.D  
Acq: 27 Jun 2016 11:42

Tgt Ion:184 Resp: 453293  
Ion Ratio Lower Upper  
184 100  
63 70.2 59.6 89.4  
154 79.1 67.4 101.0





#54

Dibenzenofuran

Concen: 34.67 ng

RT: 15.19 min Scan# 2103

Delta R.T. -0.01 min

Lab File: BG022638.D

Acq: 27 Jun 2016 11:42

Instrument :

BNA\_G

ClientSampleId :

TEC-COMP-B2AMS

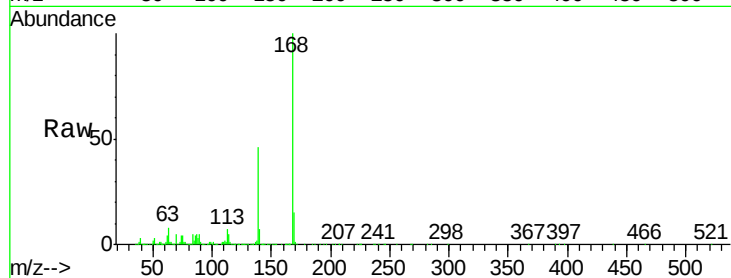
Tgt Ion:168 Resp: 1697946

Ion Ratio Lower Upper

168 100

139 46.0 36.4 54.6

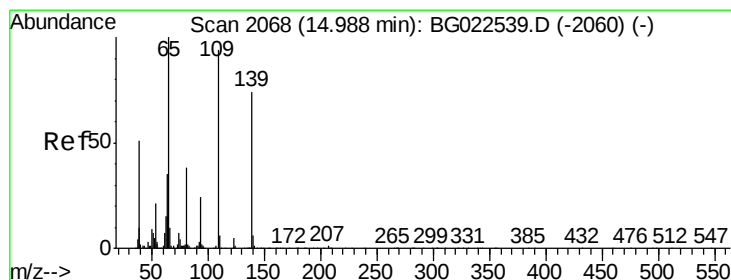
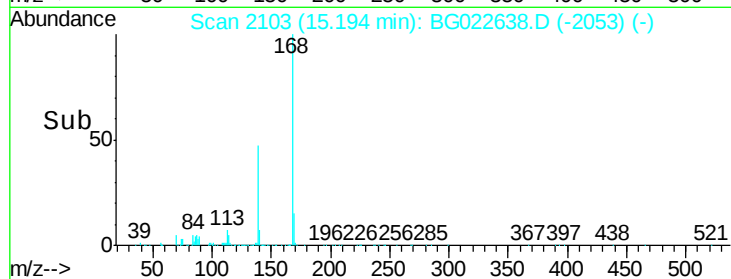
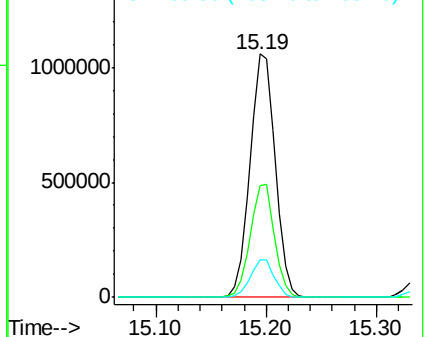
169 15.2 11.9 17.9



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#55

4-Nitrophenol

Concen: 76.99 ng

RT: 15.01 min Scan# 2071

Delta R.T. 0.02 min

Lab File: BG022638.D

Acq: 27 Jun 2016 11:42

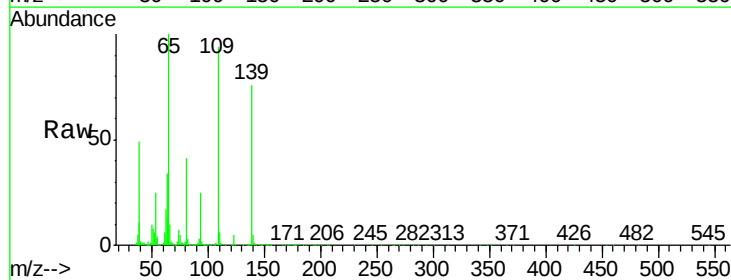
Tgt Ion:139 Resp: 554390

Ion Ratio Lower Upper

139 100

109 122.8 103.0 143.0

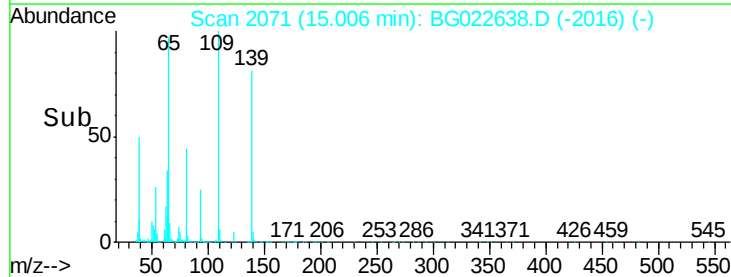
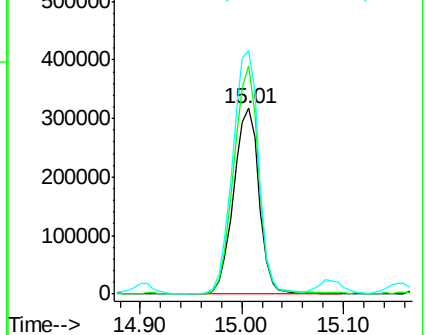
65 131.2 112.7 152.7

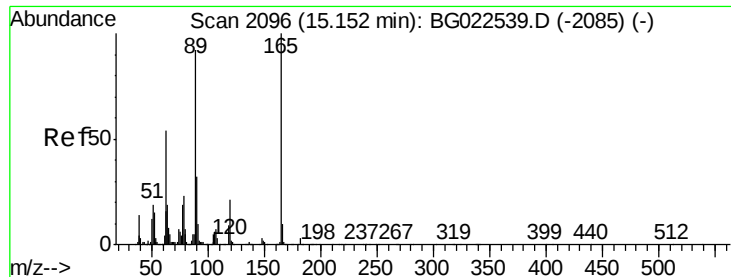


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC





#56

2,4-Dinitrotoluene

Concen: 42.13 ng

RT: 15.15 min Scan# 2096

Delta R.T. 0.00 min

Lab File: BG022638.D

Acq: 27 Jun 2016 11:42

Instrument :

BNA\_G

ClientSampleId :

TEC-COMP-B2AMS

Tgt Ion:165 Resp: 531102

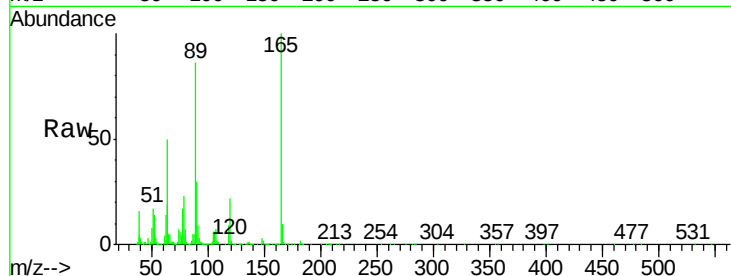
Ion Ratio Lower Upper

165 100

63 50.2 45.8 68.6

89 85.9 68.6 102.8

182 2.4 2.0 3.0

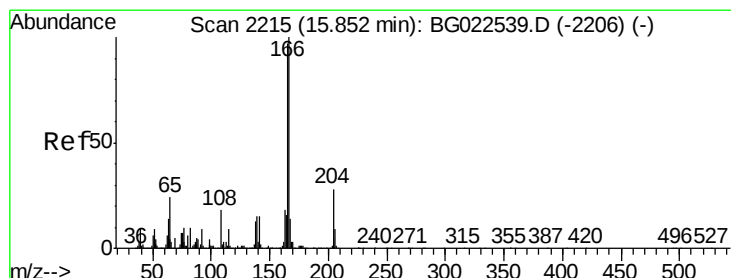
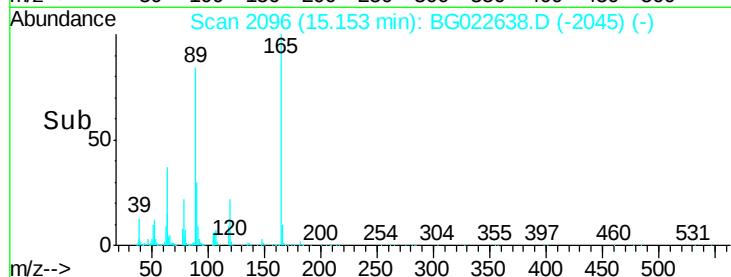
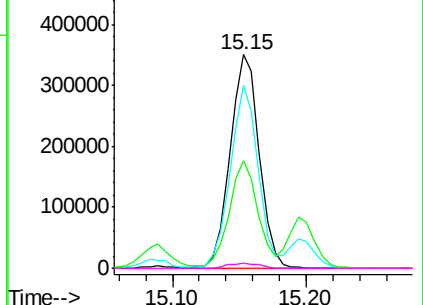


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#57

Fluorene

Concen: 36.86 ng

RT: 15.85 min Scan# 2214

Delta R.T. 0.00 min

Lab File: BG022638.D

Acq: 27 Jun 2016 11:42

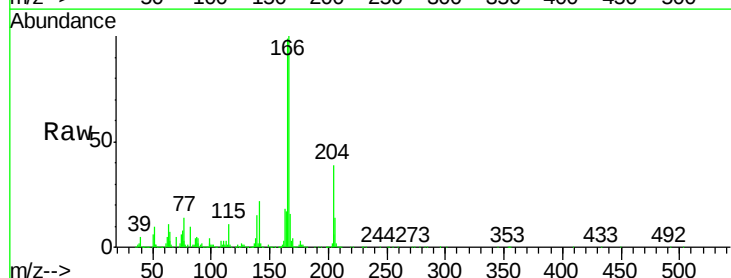
Tgt Ion:166 Resp: 1440485

Ion Ratio Lower Upper

166 100

165 98.8 81.0 121.6

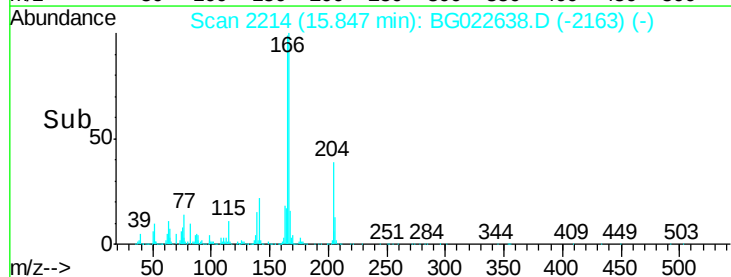
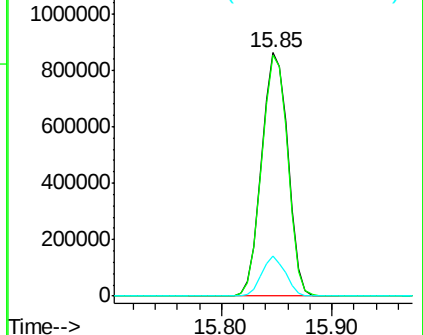
167 16.4 12.0 18.0

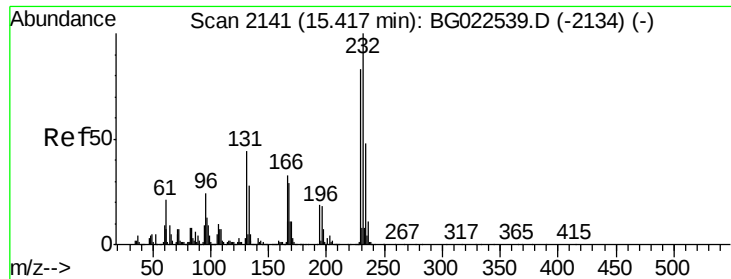


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

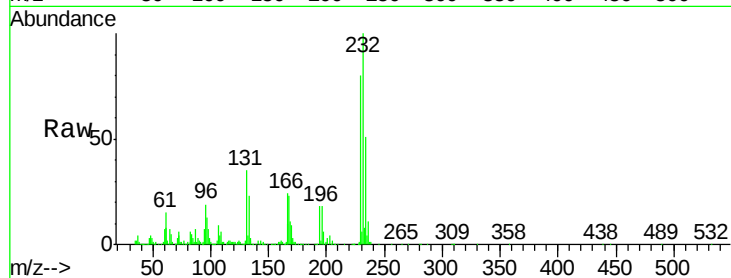




#58  
 2,3,4,6-Tetrachlorophenol  
 Concen: 41.15 ng  
 RT: 15.34 min Scan# 2128  
 Delta R.T. -0.08 min  
 Lab File: BG022638.D  
 Acq: 27 Jun 2016 11:42

Instrument :  
 BNA\_G  
 ClientSampleId :  
 TEC-COMP-B2AMS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 232     | 100   |       |       |
| 131     | 36.1  | 32.7  | 49.1  |
| 130     | 2.7   | 2.6   | 3.8   |
| 166     | 23.5  | 23.0  | 34.6  |

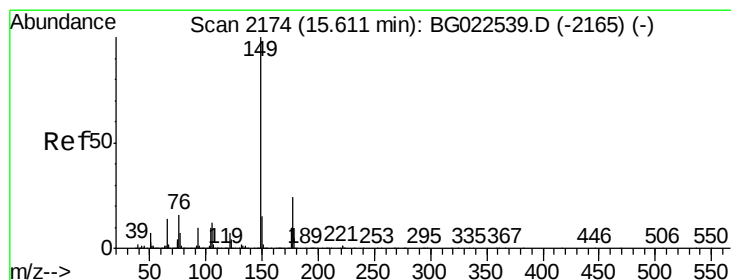
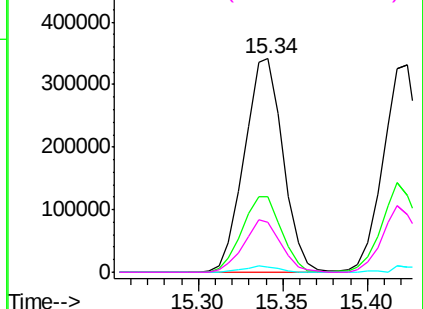
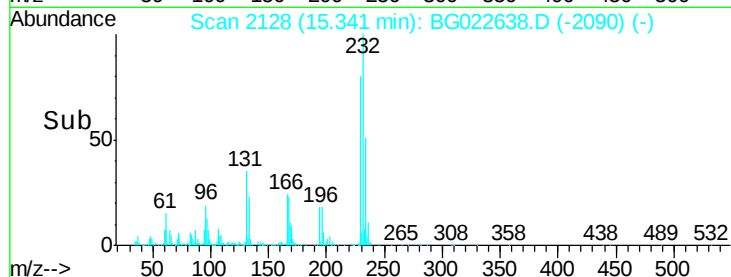


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

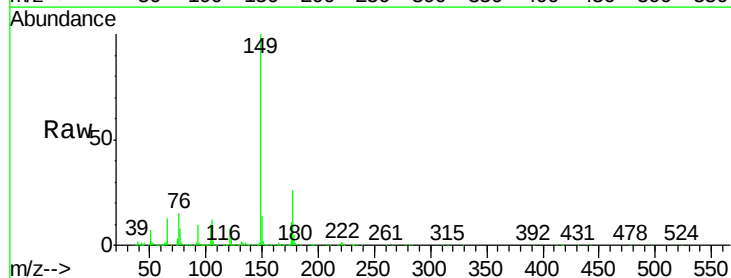
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#59  
 Diethylphthalate  
 Concen: 36.19 ng  
 RT: 15.61 min Scan# 2173  
 Delta R.T. 0.00 min  
 Lab File: BG022638.D  
 Acq: 27 Jun 2016 11:42

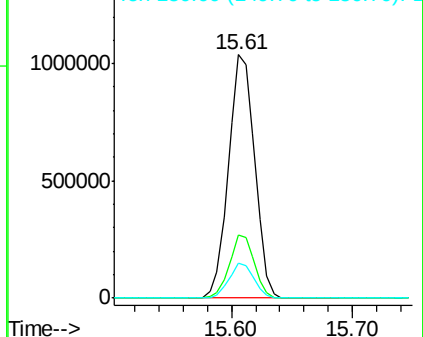
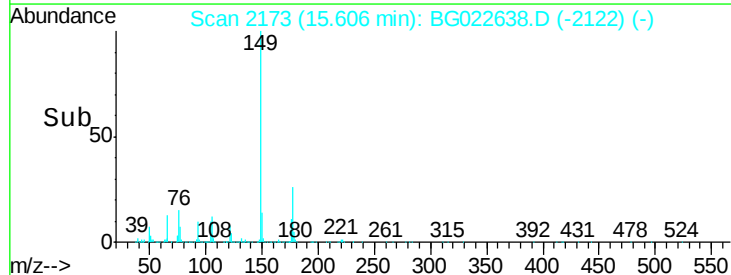
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 177     | 26.2  | 19.2  | 28.8  |
| 150     | 14.4  | 10.6  | 16.0  |

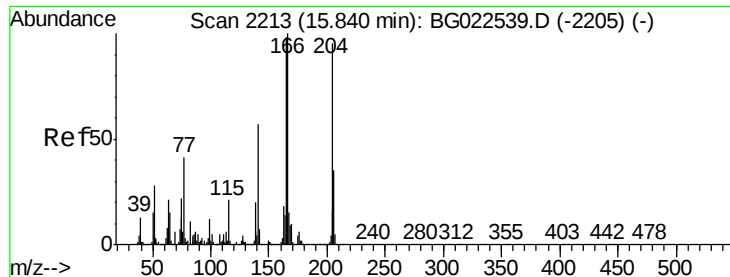


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





#60

4-Chlorophenyl-phenylether

Concen: 36.09 ng

RT: 15.83 min Scan# 2212

Delta R.T. 0.00 min

Lab File: BG022638.D

Acq: 27 Jun 2016 11:42

Instrument :

BNA\_G

ClientSampleId :

TEC-COMP-B2AMS

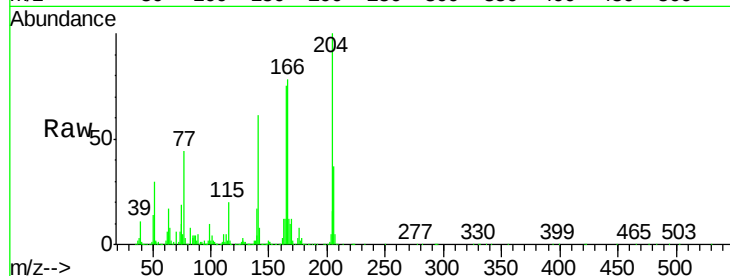
Tgt Ion:204 Resp: 839626

Ion Ratio Lower Upper

204 100

206 37.4 28.5 42.7

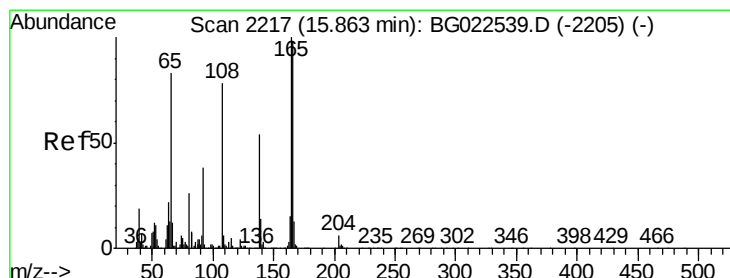
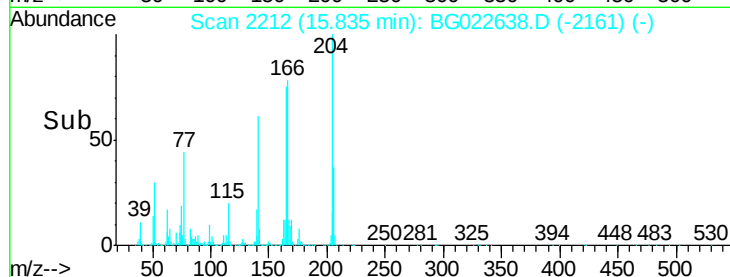
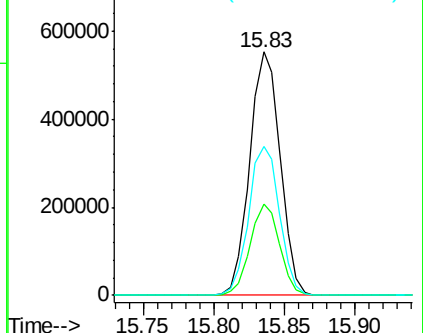
141 61.2 51.4 77.0



Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#61

4-Nitroaniline

Concen: 37.82 ng

RT: 15.87 min Scan# 2218

Delta R.T. 0.02 min

Lab File: BG022638.D

Acq: 27 Jun 2016 11:42

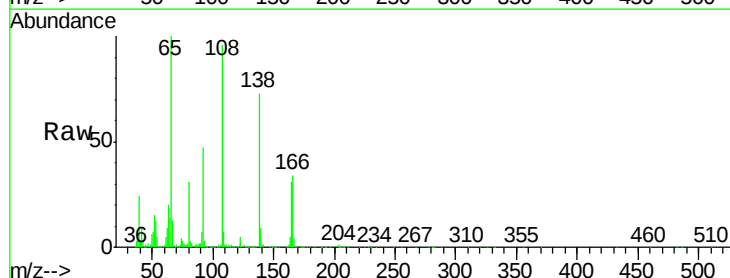
Tgt Ion:138 Resp: 332293

Ion Ratio Lower Upper

138 100

92 64.6 54.1 94.1

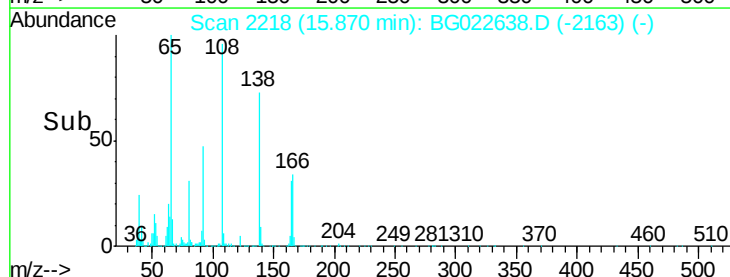
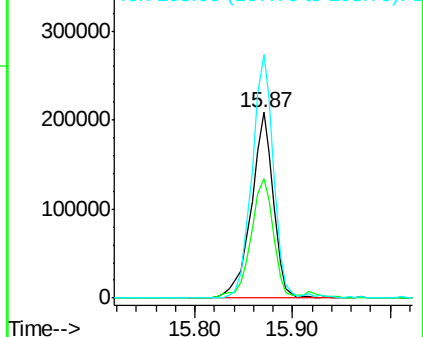
108 131.1 133.9 173.9#

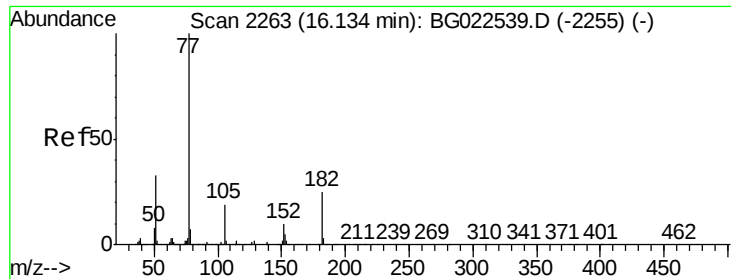


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E





#62

Azobenzene

Concen: 33.75 ng

RT: 16.13 min Scan# 2262

Delta R.T. 0.00 min

Lab File: BG022638.D

Acq: 27 Jun 2016 11:42

Instrument :

BNA\_G

ClientSampleId :

TEC-COMP-B2AMS

Tgt Ion: 77 Resp: 1573823

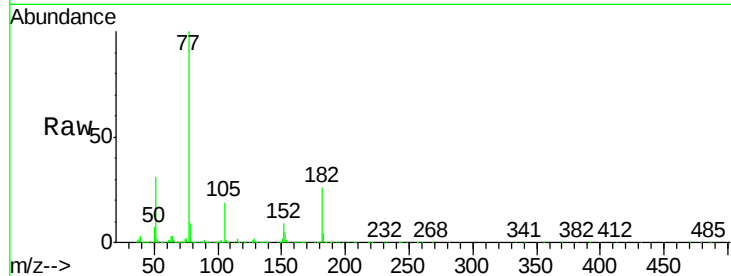
Ion Ratio Lower Upper

77 100

182 25.8 3.5 43.5

105 19.5 0.0 38.5

51 31.3 17.1 57.1

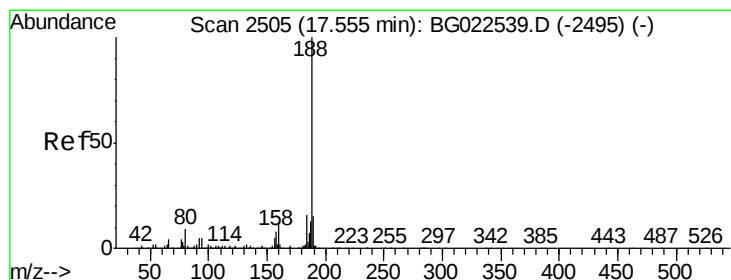
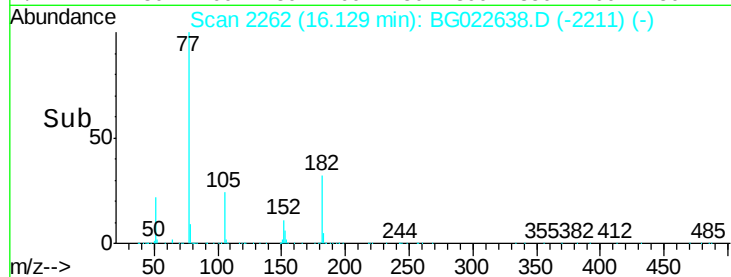
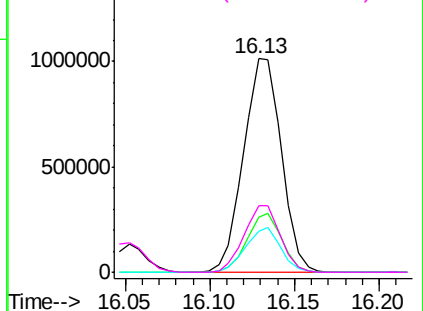


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.56 min Scan# 2505

Delta R.T. 0.01 min

Lab File: BG022638.D

Acq: 27 Jun 2016 11:42

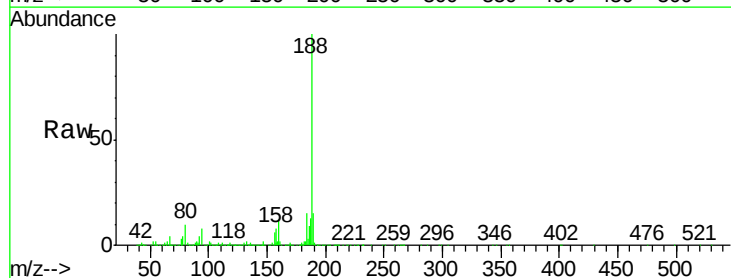
Tgt Ion: 188 Resp: 1302363

Ion Ratio Lower Upper

188 100

94 7.6 5.2 7.8

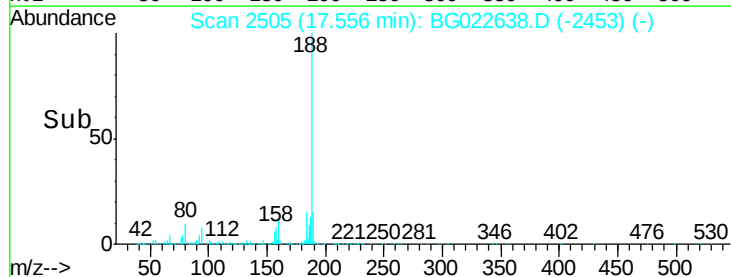
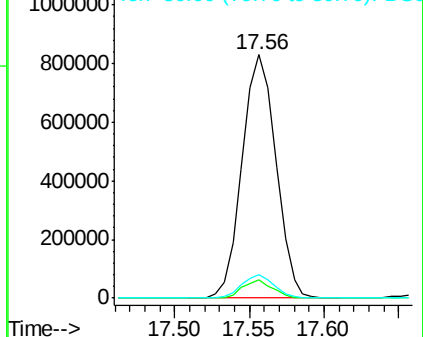
80 9.7 7.2 10.8

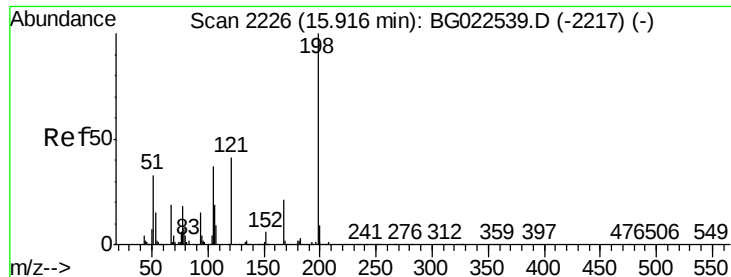


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#64

4,6-Dinitro-2-methylphenol

Concen: 38.04 ng

RT: 15.92 min Scan# 2226

Delta R.T. 0.01 min

Lab File: BG022638.D

Acq: 27 Jun 2016 11:42

Instrument :

BNA\_G

ClientSampleId :

TEC-COMP-B2AMS

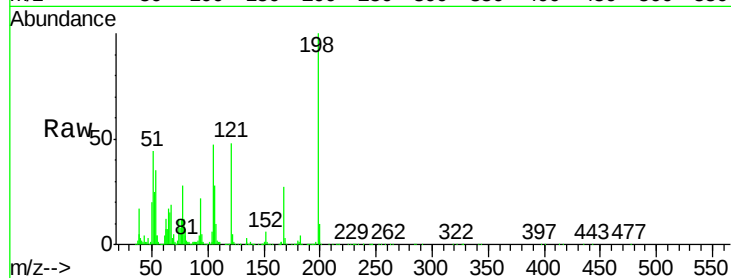
Tgt Ion:198 Resp: 332243

Ion Ratio Lower Upper

198 100

51 44.0 26.0 66.0

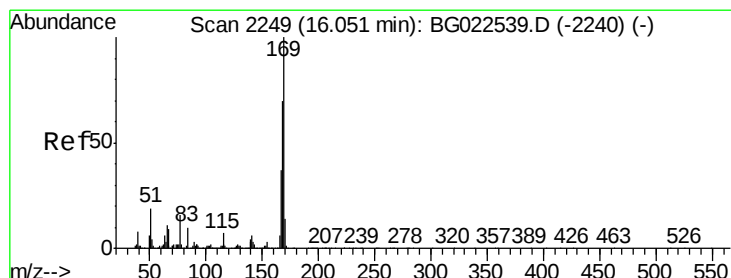
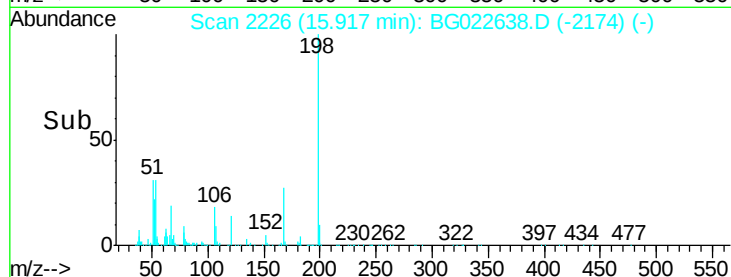
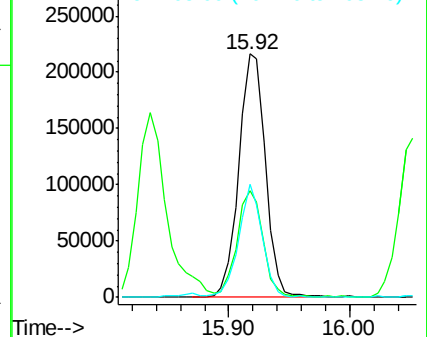
105 46.6 20.1 60.1



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#65

n-Nitrosodiphenylamine

Concen: 35.16 ng

RT: 16.05 min Scan# 2249

Delta R.T. 0.01 min

Lab File: BG022638.D

Acq: 27 Jun 2016 11:42

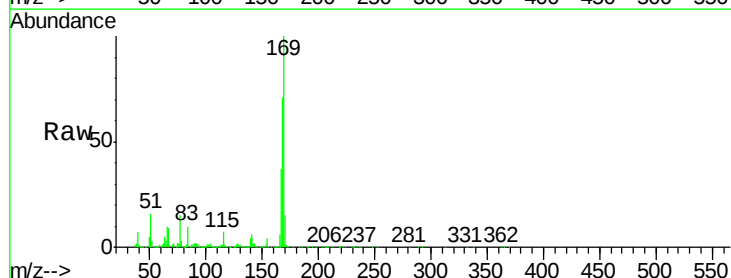
Tgt Ion:169 Resp: 1332416

Ion Ratio Lower Upper

169 100

168 70.9 55.0 82.4

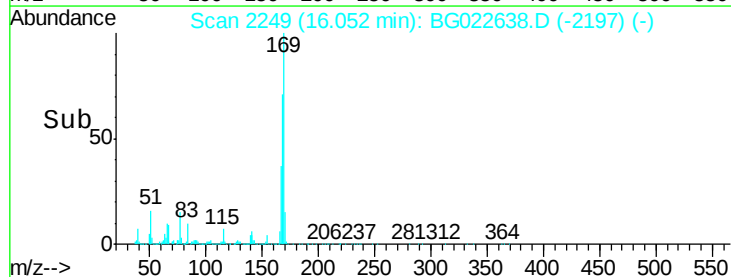
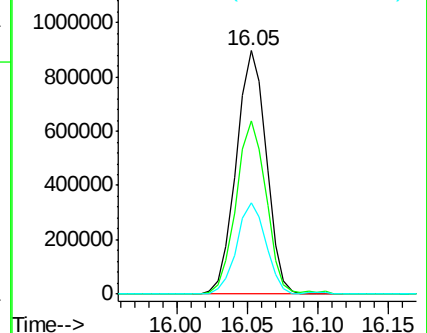
167 37.3 27.4 41.0

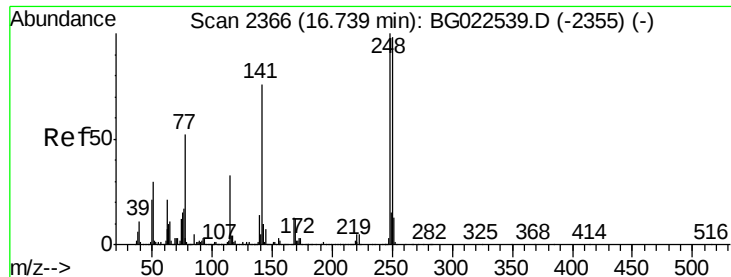


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

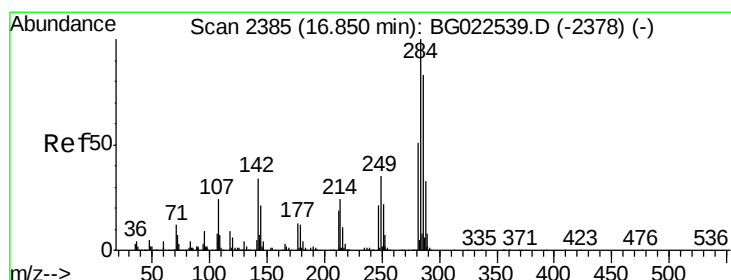
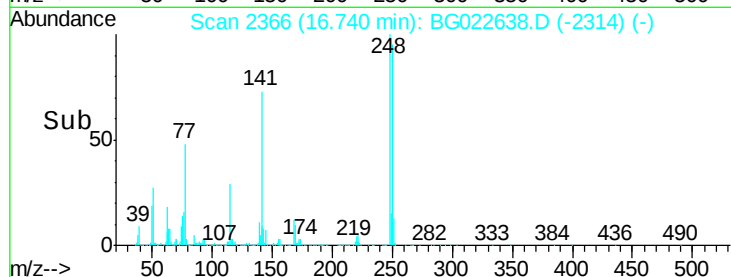
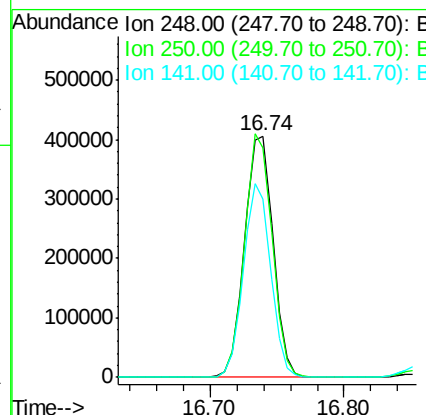
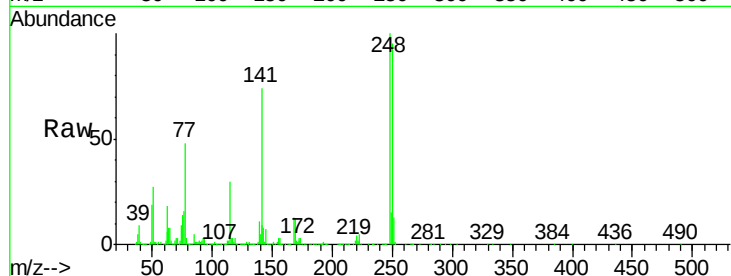




#66  
4-Bromophenyl-phenylether  
Concen: 35.31 ng  
RT: 16.74 min Scan# 2366  
Delta R.T. 0.01 min  
Lab File: BG022638.D  
Acq: 27 Jun 2016 11:42

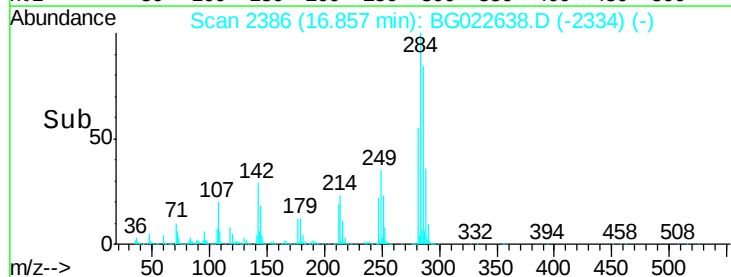
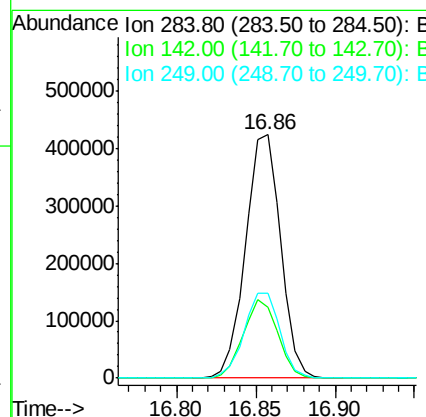
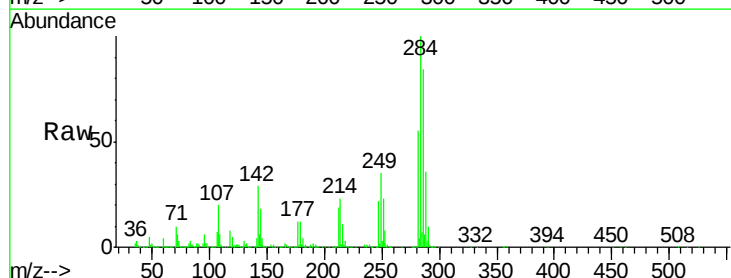
Instrument :  
BNA\_G  
ClientSampleId :  
TEC-COMP-B2AMS

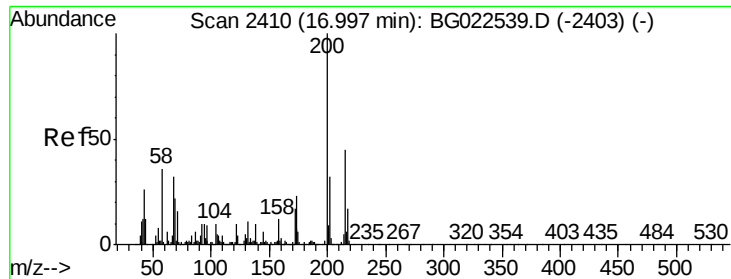
Tgt Ion:248 Resp: 596664  
Ion Ratio Lower Upper  
248 100  
250 94.9 77.8 116.8  
141 73.8 65.7 98.5



#67  
Hexachlorobenzene  
Concen: 36.53 ng  
RT: 16.86 min Scan# 2386  
Delta R.T. 0.01 min  
Lab File: BG022638.D  
Acq: 27 Jun 2016 11:42

Tgt Ion:284 Resp: 652530  
Ion Ratio Lower Upper  
284 100  
142 29.1 26.8 40.2  
249 34.6 28.9 43.3





#68

Atrazine

Concen: 24.09 ng

RT: 17.00 min Scan# 2410

Delta R.T. 0.01 min

Lab File: BG022638.D

Acq: 27 Jun 2016 11:42

Instrument :

BNA\_G

ClientSampleId :

TEC-COMP-B2AMS

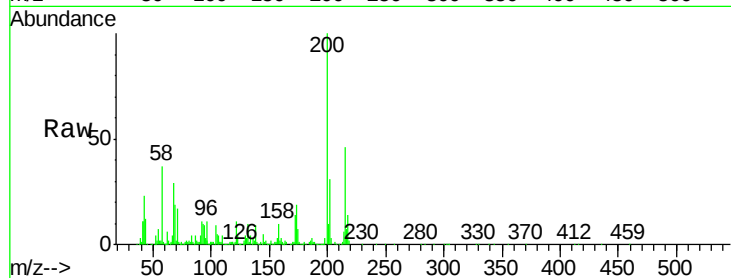
Tgt Ion:200 Resp: 385510

Ion Ratio Lower Upper

200 100

173 19.0 1.6 41.6

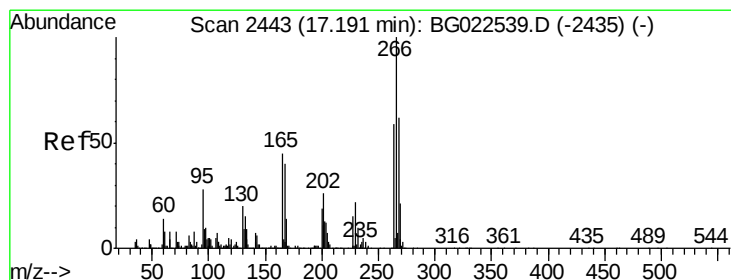
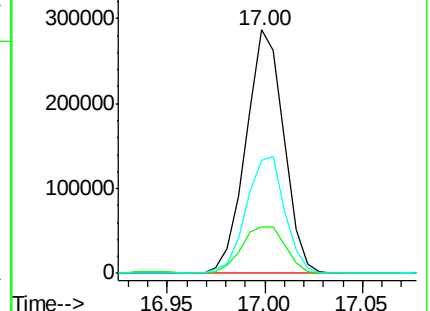
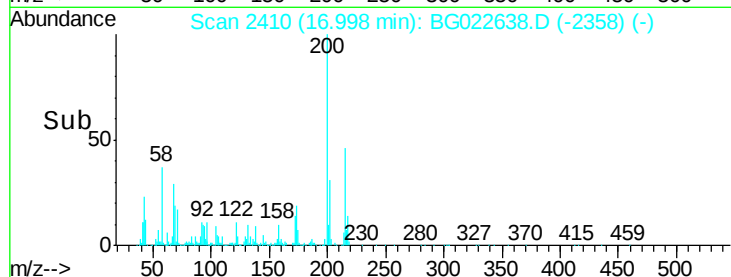
215 46.2 28.7 68.7



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#69

Pentachlorophenol

Concen: 72.66 ng

RT: 17.20 min Scan# 2445

Delta R.T. 0.01 min

Lab File: BG022638.D

Acq: 27 Jun 2016 11:42

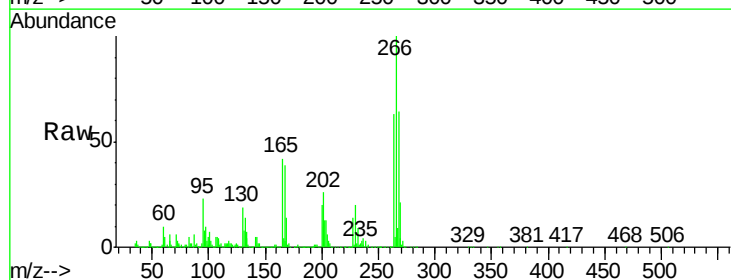
Tgt Ion:266 Resp: 893304

Ion Ratio Lower Upper

266 100

268 64.0 51.9 77.9

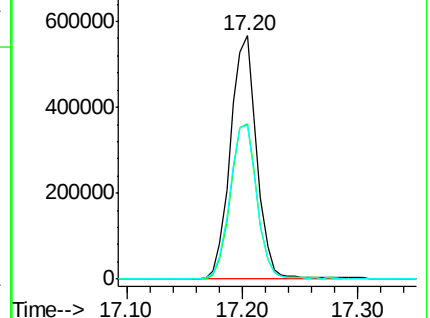
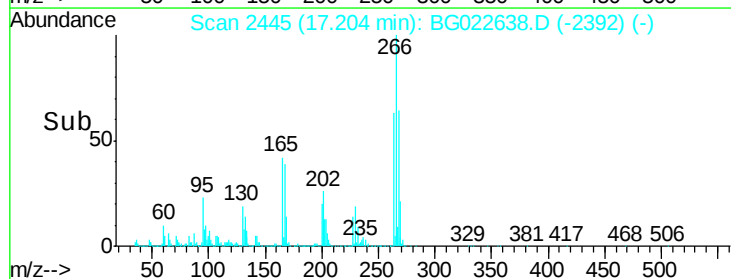
264 63.4 50.6 75.8

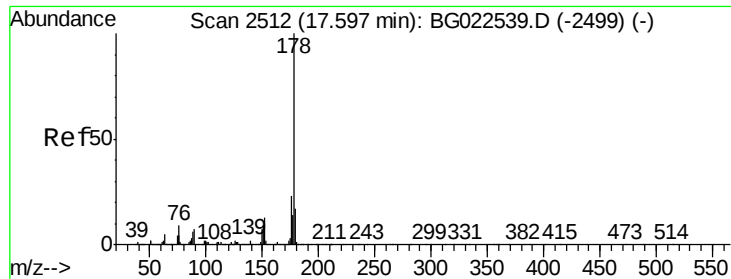


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#70

Phenanthrene

Concen: 36.00 ng

RT: 17.60 min Scan# 2512

Delta R.T. 0.01 min

Lab File: BG022638.D

Acq: 27 Jun 2016 11:42

Instrument :

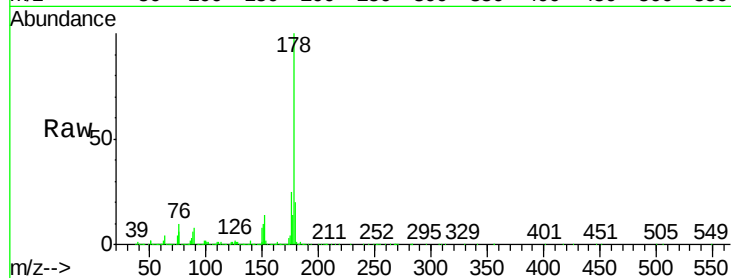
BNA\_G

ClientSampleId :

TEC-COMP-B2AMS

Tgt Ion:178 Resp: 2390606

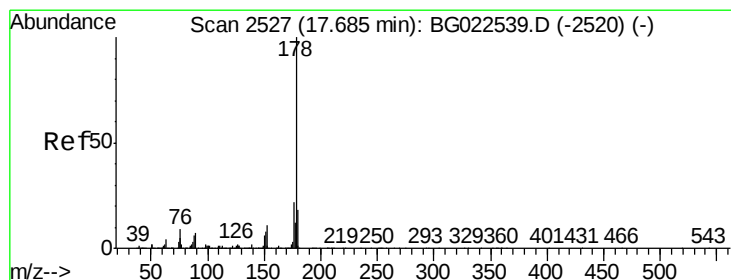
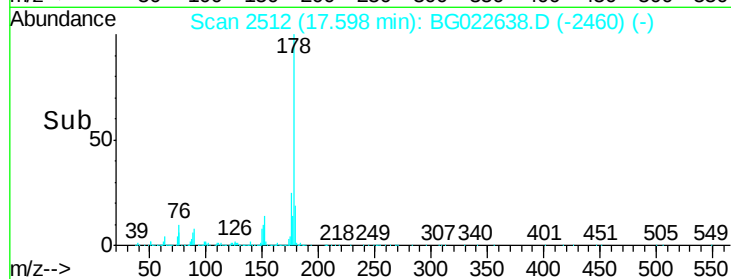
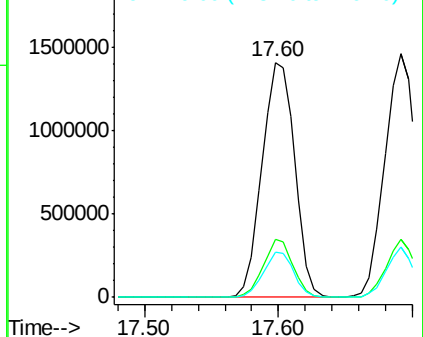
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 178 | 100   |       |       |
| 176 | 24.6  | 16.8  | 25.2  |
| 179 | 19.5  | 14.3  | 21.5  |



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#71

Anthracene

Concen: 34.72 ng

RT: 17.69 min Scan# 2528

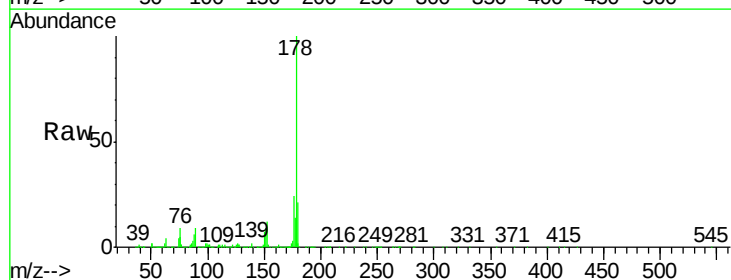
Delta R.T. 0.01 min

Lab File: BG022638.D

Acq: 27 Jun 2016 11:42

Tgt Ion:178 Resp: 2373228

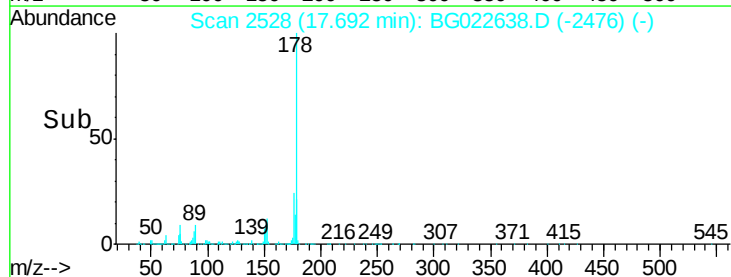
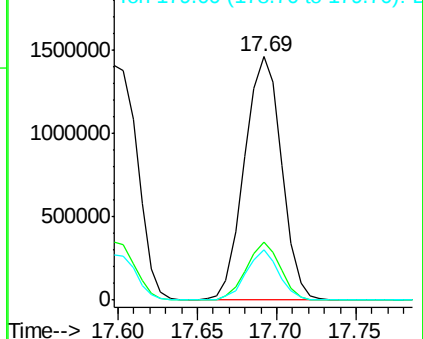
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 178 | 100   |       |       |
| 176 | 23.6  | 17.3  | 25.9  |
| 179 | 20.5  | 14.0  | 21.0  |

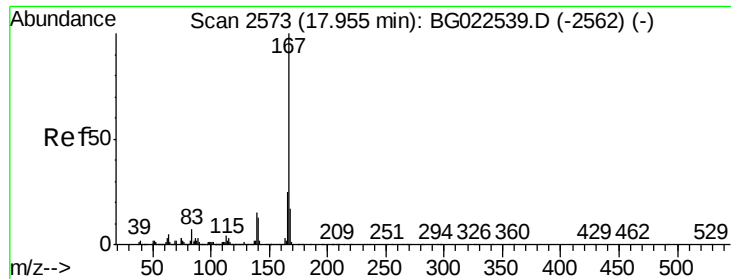


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 37.07 ng

RT: 17.96 min Scan# 2574

Delta R.T. 0.01 min

Lab File: BG022638.D

Acq: 27 Jun 2016 11:42

Instrument :

BNA\_G

ClientSampleId :

TEC-COMP-B2AMS

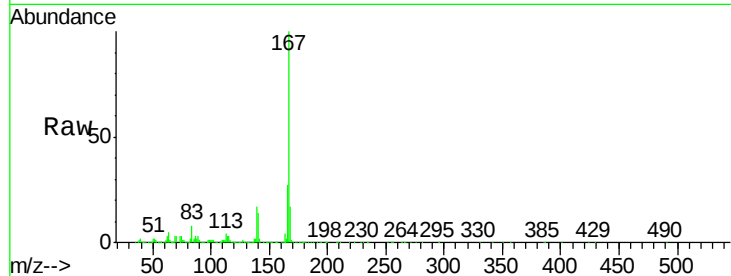
Tgt Ion:167 Resp: 2148002

Ion Ratio Lower Upper

167 100

166 26.7 20.7 31.1

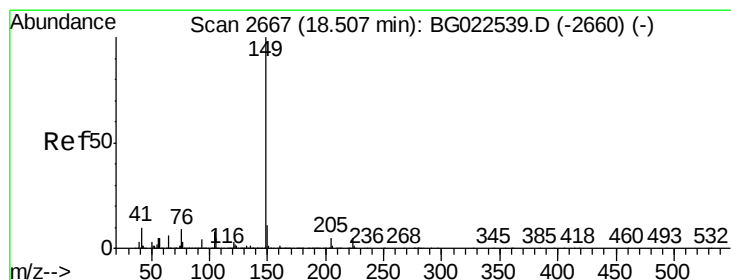
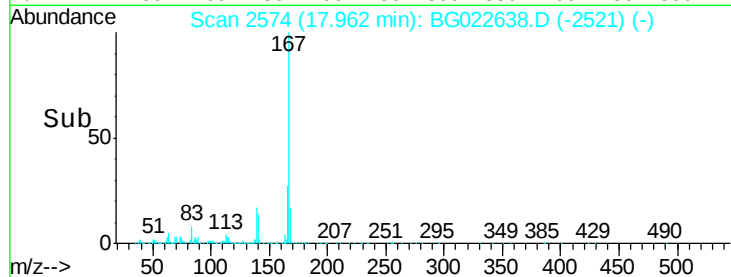
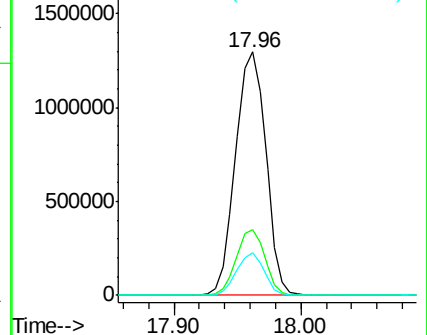
139 17.5 11.9 17.9



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 36.57 ng

RT: 18.51 min Scan# 2667

Delta R.T. 0.00 min

Lab File: BG022638.D

Acq: 27 Jun 2016 11:42

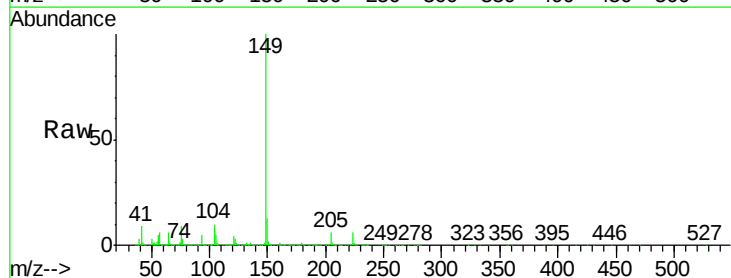
Tgt Ion:149 Resp: 2467437

Ion Ratio Lower Upper

149 100

150 12.8 9.1 13.7

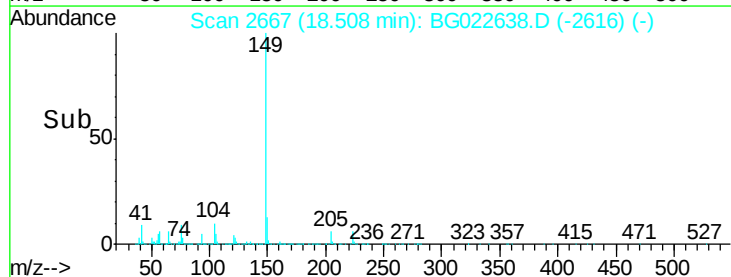
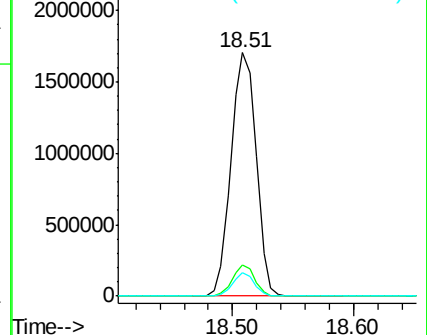
104 9.6 6.9 10.3

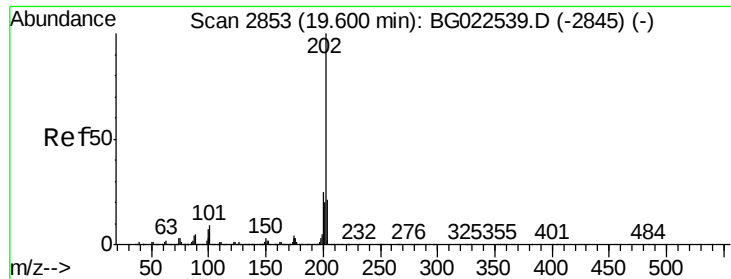


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 36.43 ng

RT: 19.61 min Scan# 2854

Delta R.T. 0.01 min

Lab File: BG022638.D

Acq: 27 Jun 2016 11:42

Instrument :

BNA\_G

ClientSampleId :

TEC-COMP-B2AMS

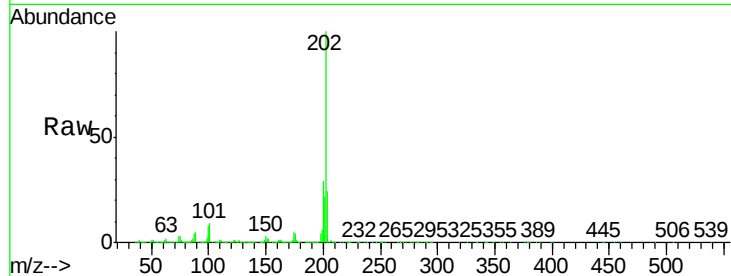
Tgt Ion:202 Resp: 2787467

Ion Ratio Lower Upper

202 100

101 9.5 0.0 27.4

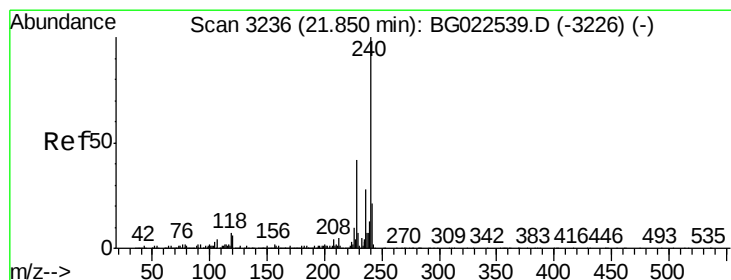
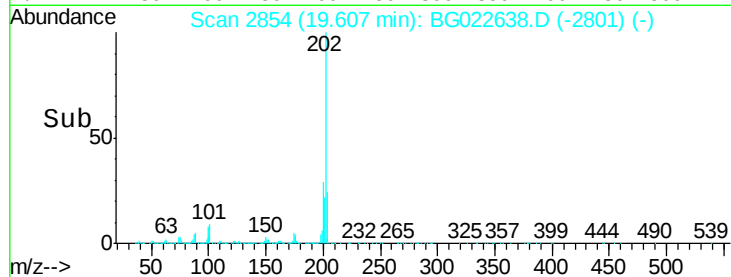
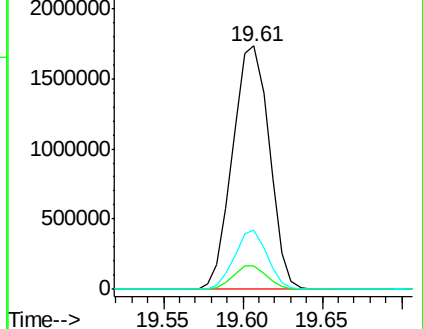
203 24.4 1.7 41.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.86 min Scan# 3237

Delta R.T. 0.01 min

Lab File: BG022638.D

Acq: 27 Jun 2016 11:42

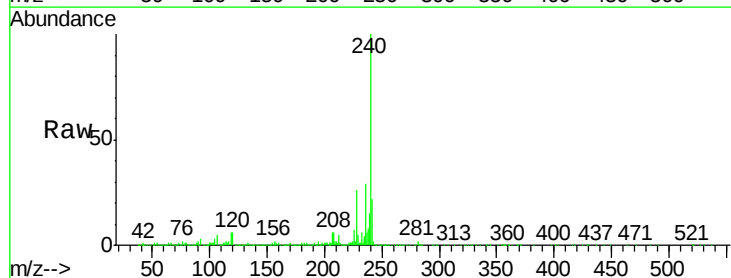
Tgt Ion:240 Resp: 1479728

Ion Ratio Lower Upper

240 100

120 5.5 4.1 6.1

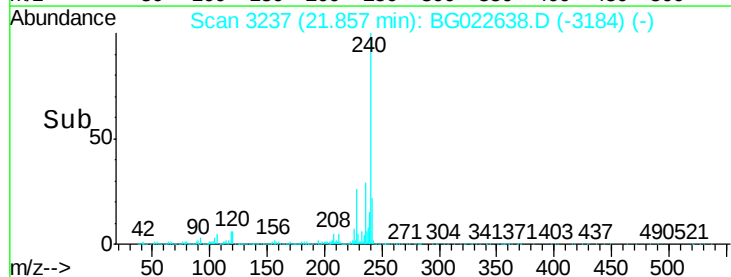
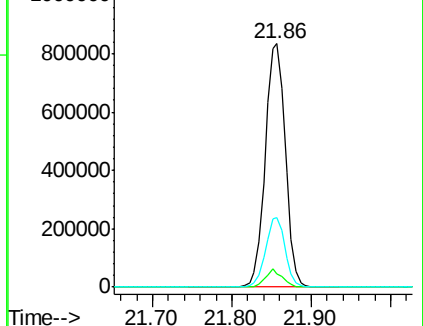
236 28.7 21.1 31.7

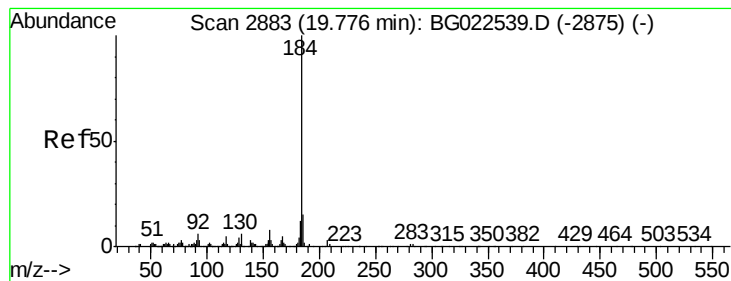


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 7.50 ng

RT: 19.78 min Scan# 2884

Delta R.T. -0.02 min

Lab File: BG022638.D

Acq: 27 Jun 2016 11:42

Instrument :

BNA\_G

ClientSampleId :

TEC-COMP-B2AMS

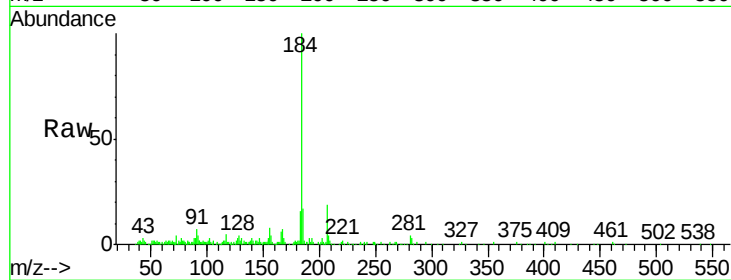
Tgt Ion:184 Resp: 118137

Ion Ratio Lower Upper

184 100

185 16.7 12.6 19.0

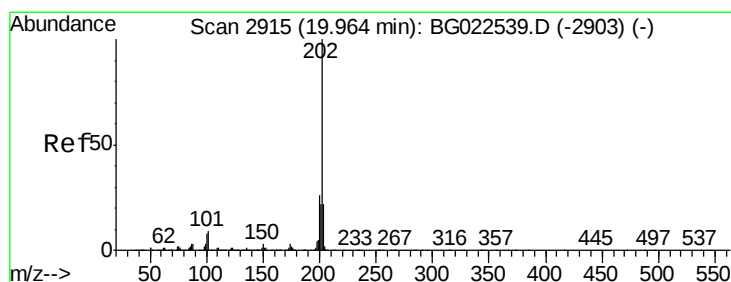
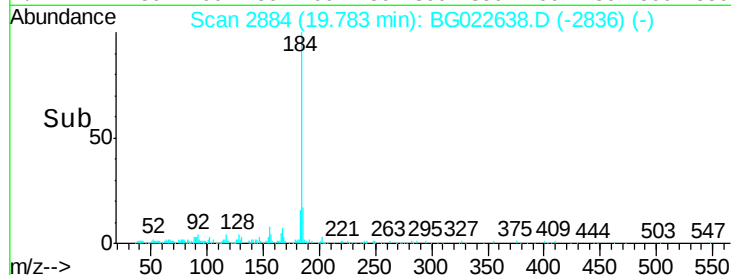
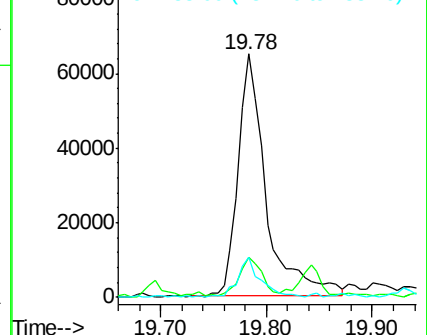
183 16.3 10.7 16.1#



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: 35.08 ng

RT: 19.97 min Scan# 2915

Delta R.T. 0.01 min

Lab File: BG022638.D

Acq: 27 Jun 2016 11:42

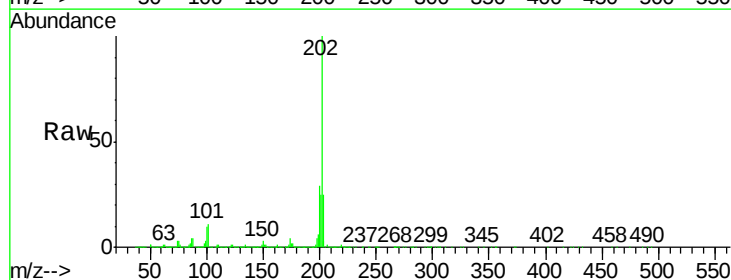
Tgt Ion:202 Resp: 2764462

Ion Ratio Lower Upper

202 100

200 29.3 21.2 31.8

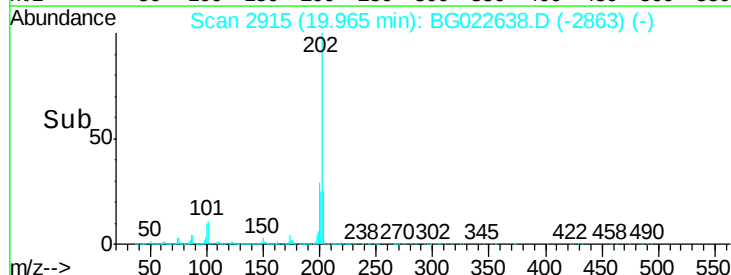
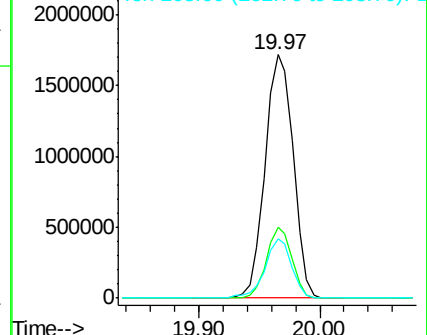
203 24.6 16.8 25.2

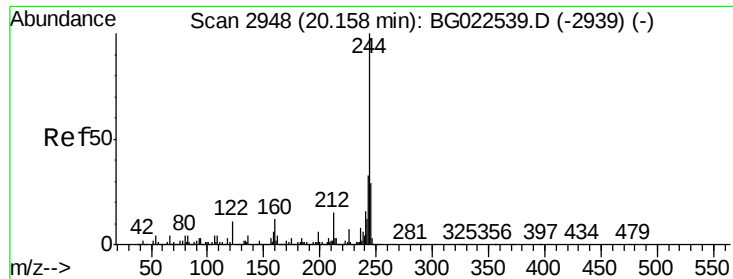


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 58.90 ng

RT: 20.16 min Scan# 2948

Delta R.T. 0.01 min

Lab File: BG022638.D

Acq: 27 Jun 2016 11:42

Instrument :

BNA\_G

ClientSampleId :

TEC-COMP-B2AMS

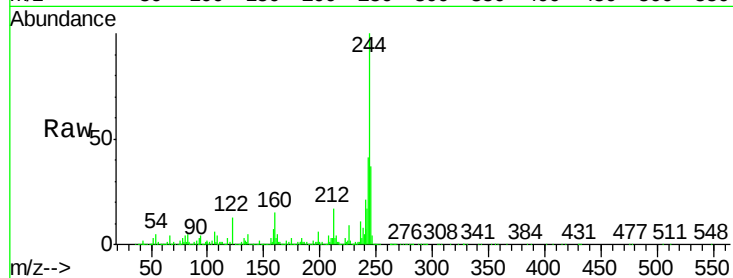
Tgt Ion:244 Resp: 3289641

Ion Ratio Lower Upper

244 100

212 16.5 10.8 16.2#

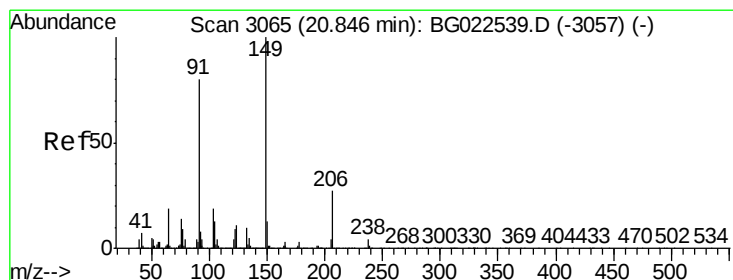
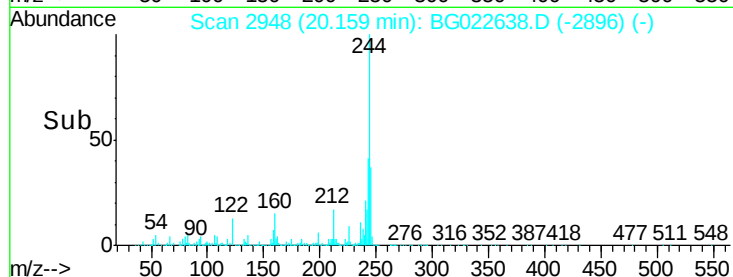
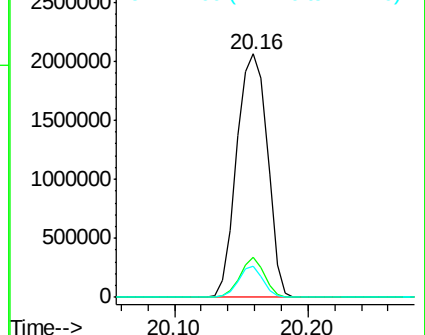
122 12.8 8.0 12.0#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 36.79 ng

RT: 20.84 min Scan# 3064

Delta R.T. 0.00 min

Lab File: BG022638.D

Acq: 27 Jun 2016 11:42

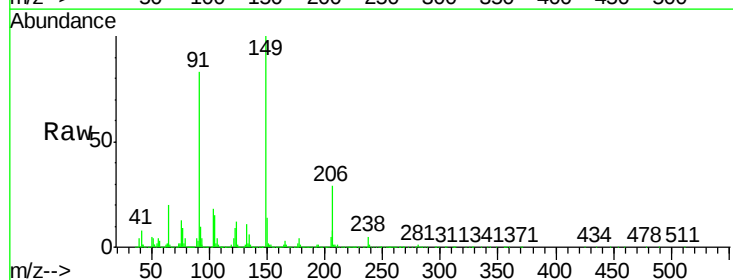
Tgt Ion:149 Resp: 1255317

Ion Ratio Lower Upper

149 100

91 82.8 68.1 102.1

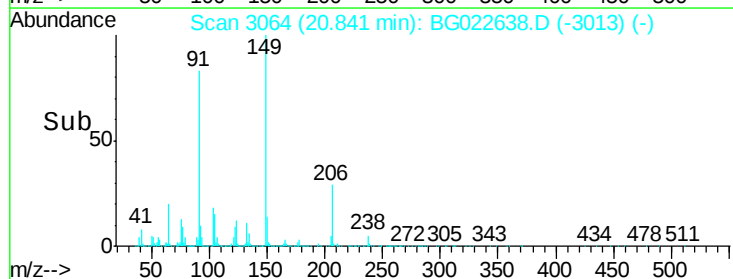
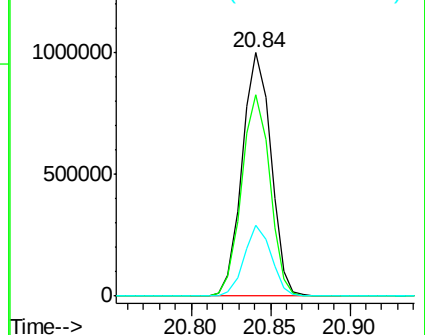
206 29.3 19.8 29.6

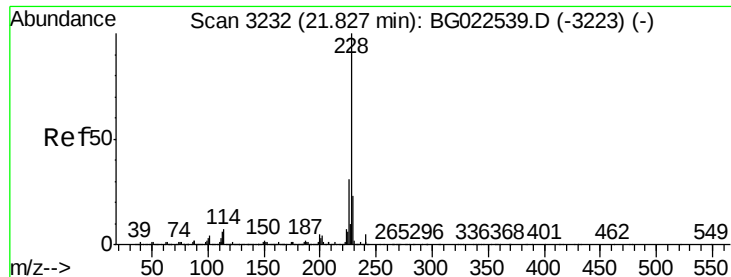


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 36.76 ng

RT: 21.83 min Scan# 3233

Delta R.T. 0.01 min

Lab File: BG022638.D

Acq: 27 Jun 2016 11:42

Instrument :

BNA\_G

ClientSampleId :

TEC-COMP-B2AMS

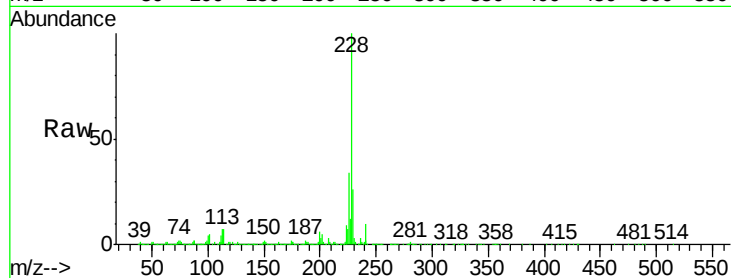
Tgt Ion:228 Resp: 3009460

Ion Ratio Lower Upper

228 100

226 34.0 25.3 37.9

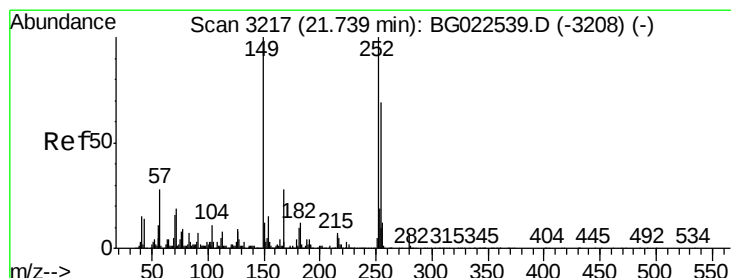
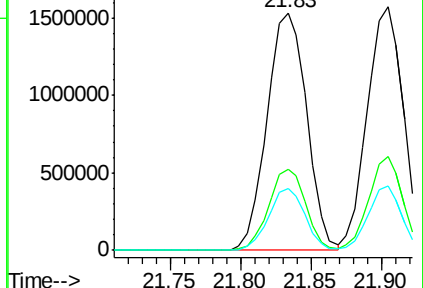
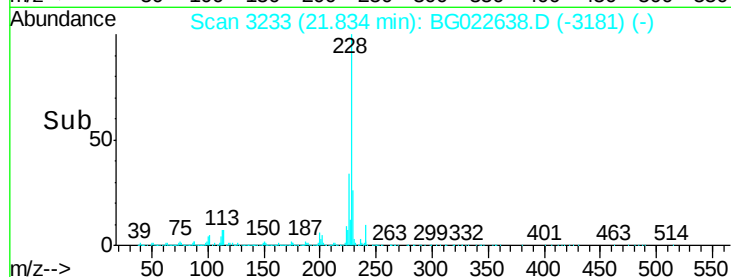
229 26.2 19.9 29.9



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#81

3,3'-Dichlorobenzidine

Concen: 12.56 ng

RT: 21.74 min Scan# 3217

Delta R.T. 0.01 min

Lab File: BG022638.D

Acq: 27 Jun 2016 11:42

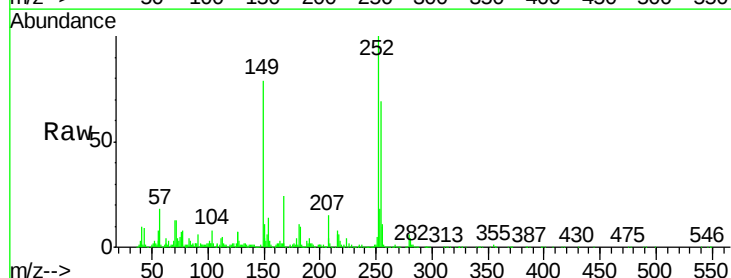
Tgt Ion:252 Resp: 424809

Ion Ratio Lower Upper

252 100

254 68.9 51.2 76.8

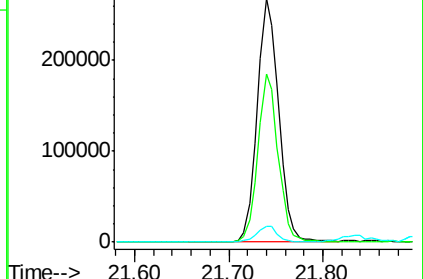
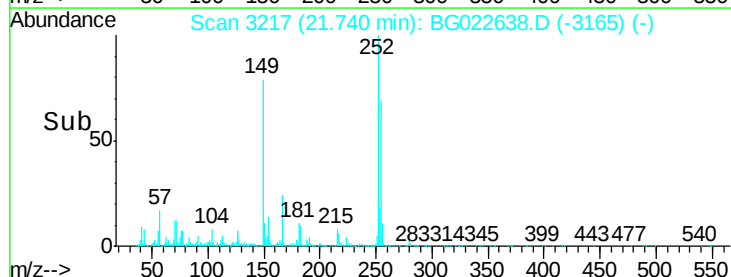
126 6.6 5.3 7.9

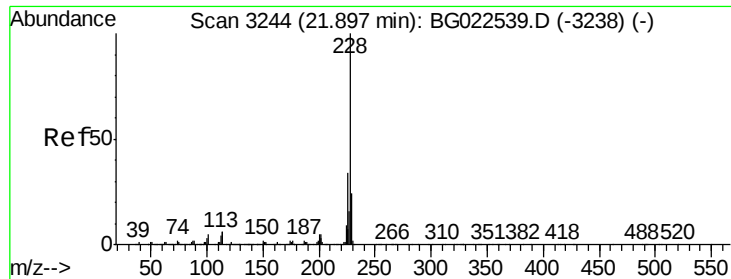


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 36.08 ng

RT: 21.90 min Scan# 3245

Delta R.T. 0.01 min

Lab File: BG022638.D

Acq: 27 Jun 2016 11:42

Instrument :

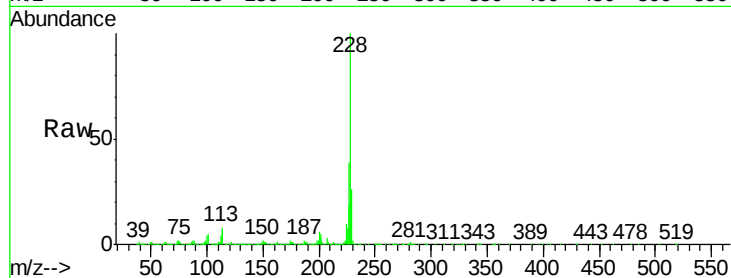
BNA\_G

ClientSampleId :

TEC-COMP-B2AMS

Tgt Ion:228 Resp: 2776045

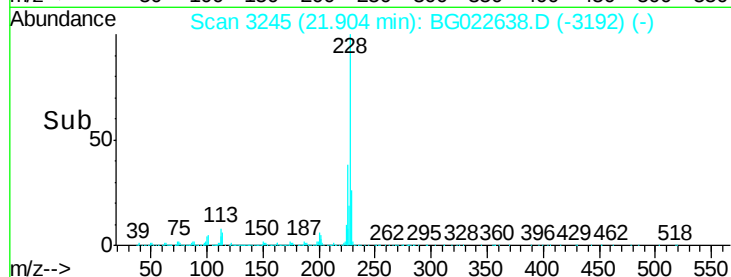
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 38.5  | 26.7  | 40.1  |
| 229 | 26.2  | 17.4  | 26.2# |



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



21.90

1500000

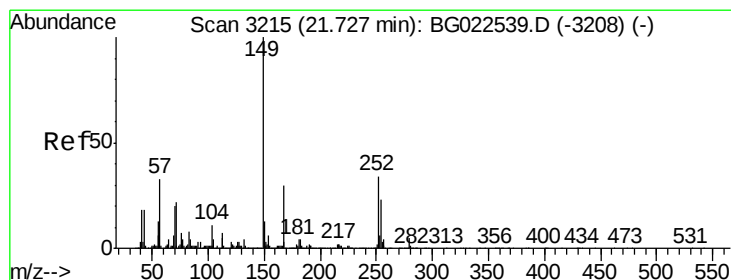
1000000

500000

0

21.85 21.90 21.95

Time-->



#83

Bis(2-ethylhexyl)phthalate

Concen: 34.49 ng

RT: 21.72 min Scan# 3214

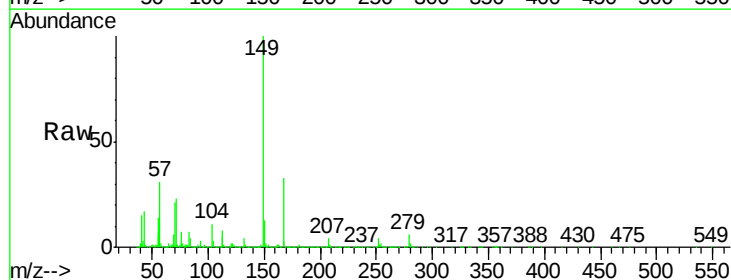
Delta R.T. -0.01 min

Lab File: BG022638.D

Acq: 27 Jun 2016 11:42

Tgt Ion:149 Resp: 1656813

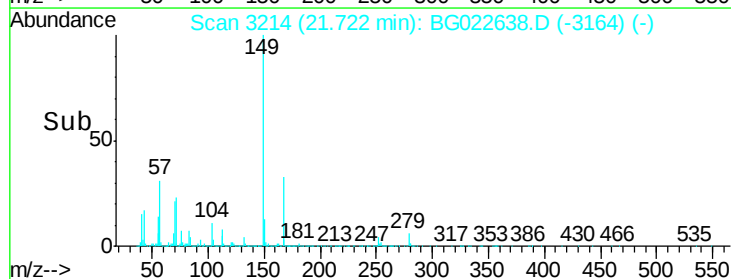
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 167 | 33.2  | 24.0  | 36.0  |
| 279 | 6.1   | 4.8   | 7.2   |



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



21.72

1500000

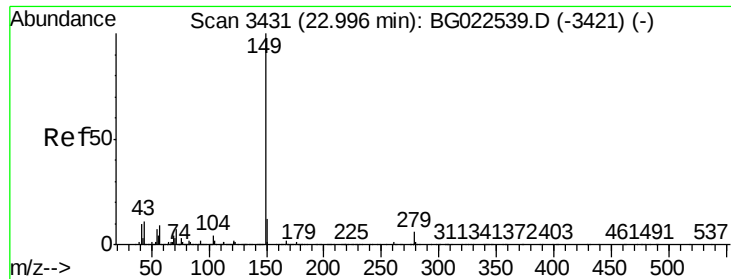
1000000

500000

0

21.65 21.70 21.75 21.80

Time-->



#84

Di-n-octyl phthalate

Concen: 35.00 ng

RT: 22.99 min Scan# 3429

Delta R.T. -0.01 min

Lab File: BG022638.D

Acq: 27 Jun 2016 11:42

Instrument :

BNA\_G

ClientSampleId :

TEC-COMP-B2AMS

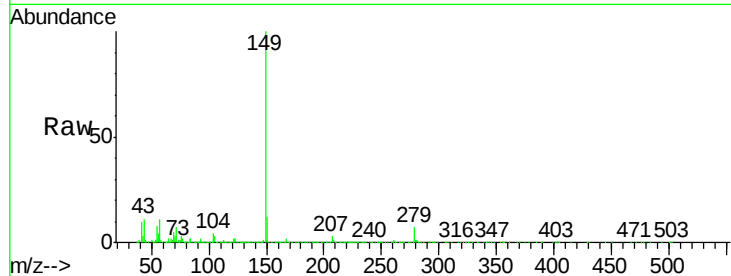
Tgt Ion:149 Resp: 2771579

Ion Ratio Lower Upper

149 100

167 2.0 1.5 2.3

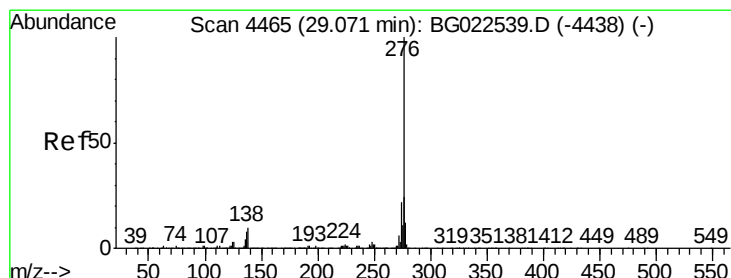
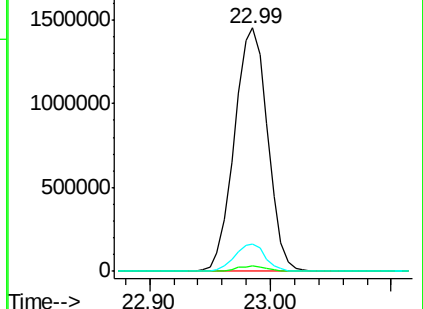
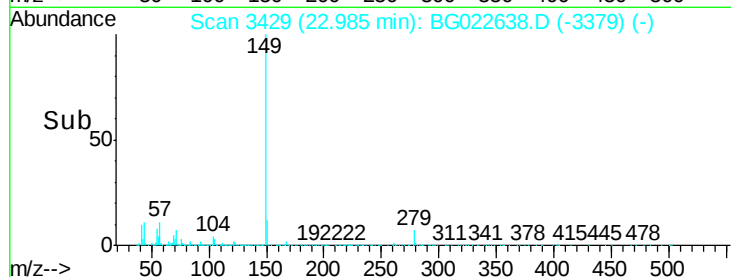
43 10.7 8.8 13.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): B



#85

Indeno(1,2,3-cd)pyrene

Concen: 36.79 ng

RT: 29.08 min Scan# 4466

Delta R.T. 0.03 min

Lab File: BG022638.D

Acq: 27 Jun 2016 11:42

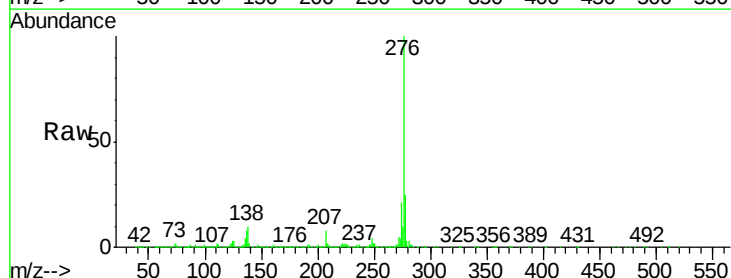
Tgt Ion:276 Resp: 3719729

Ion Ratio Lower Upper

276 100

138 8.1 0.0 0.0#

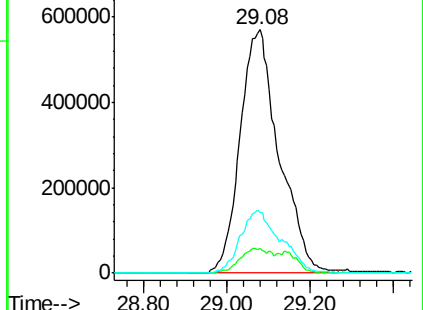
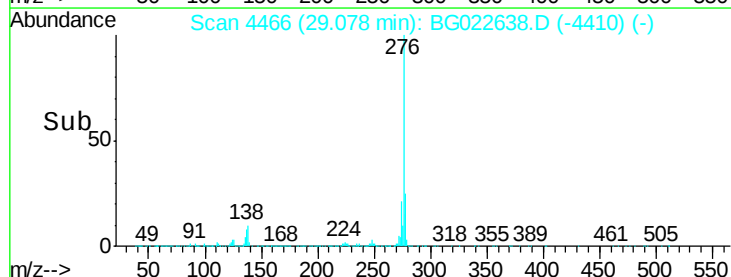
277 26.6 0.0 0.0#

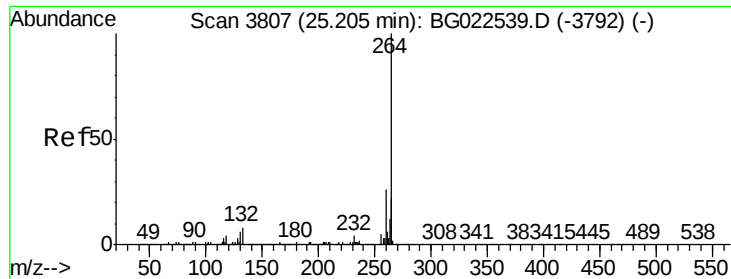


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



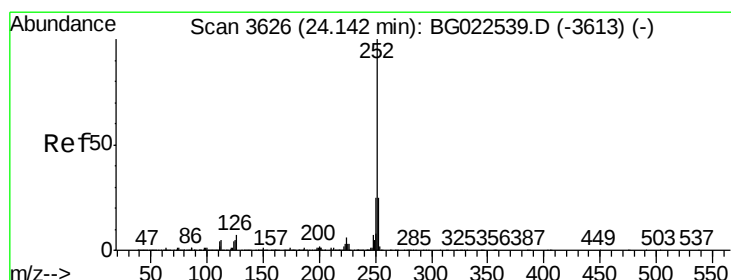
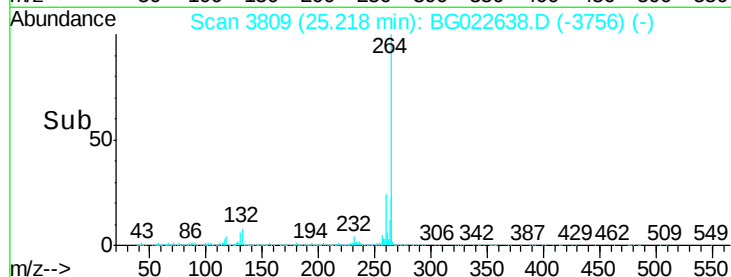
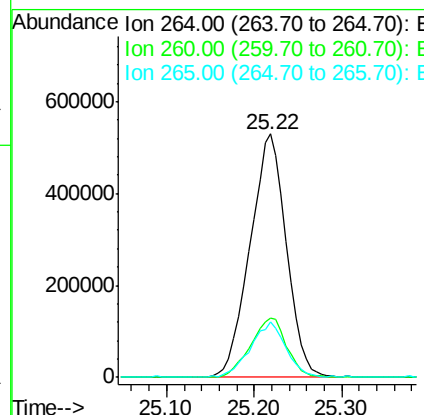
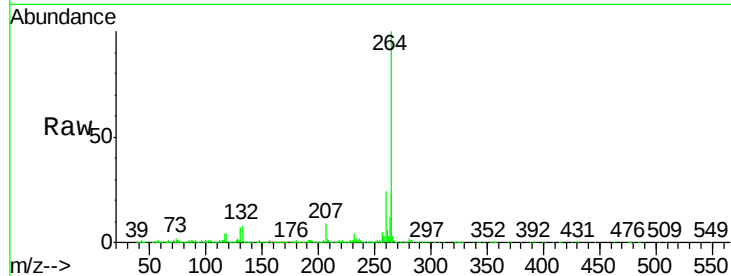


#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 25.22 min Scan# 3809  
Delta R.T. 0.01 min  
Lab File: BG022638.D  
Acq: 27 Jun 2016 11:42

Instrument :  
BNA\_G  
ClientSampleId :  
TEC-COMP-B2AMS

Tgt Ion:264 Resp: 1497903  

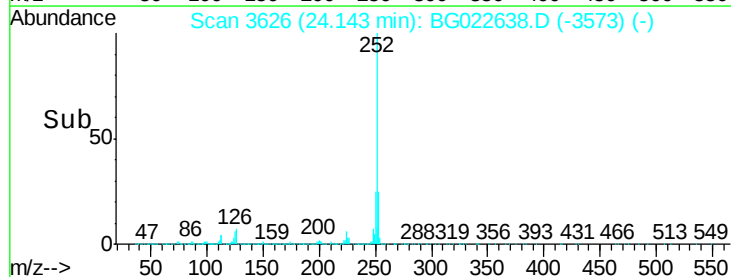
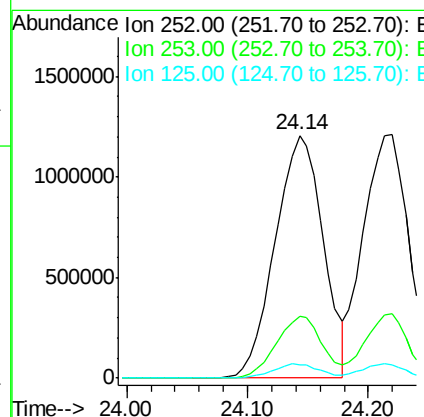
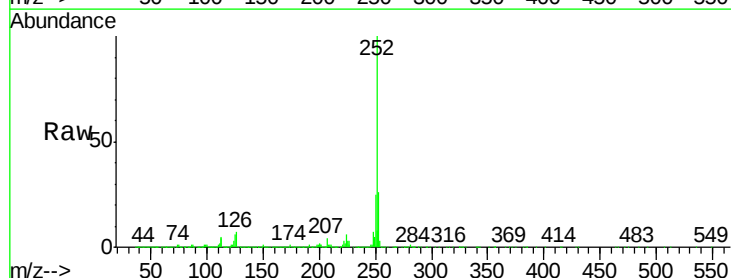
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 24.1  | 18.4  | 27.6  |
| 265 | 22.9  | 18.9  | 28.3  |

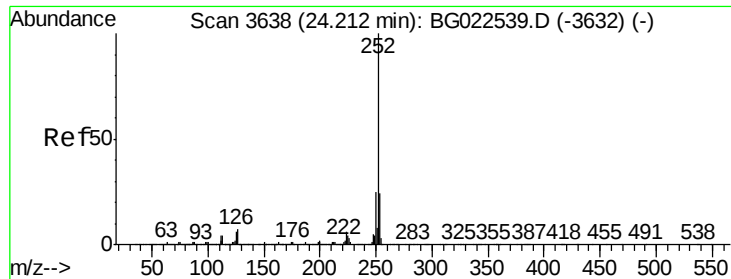


#87  
Benzo(b)fluoranthene  
Concen: 36.89 ng  
RT: 24.14 min Scan# 3626  
Delta R.T. 0.01 min  
Lab File: BG022638.D  
Acq: 27 Jun 2016 11:42

Tgt Ion:252 Resp: 3322893  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 25.5  | 18.9  | 28.3  |
| 125 | 5.6   | 3.9   | 5.9   |

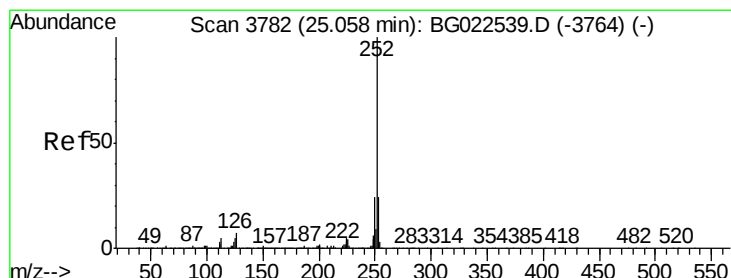
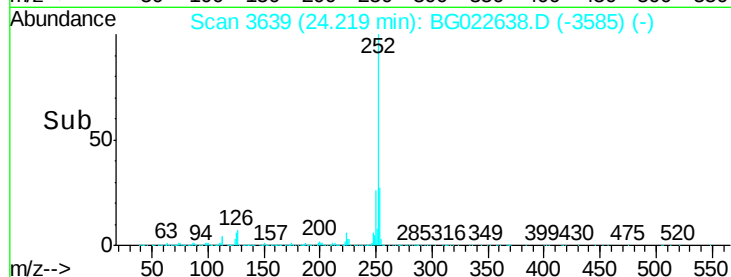
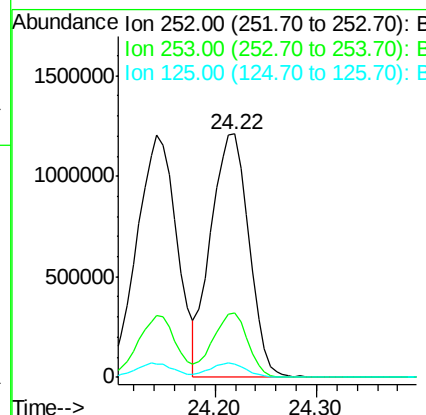
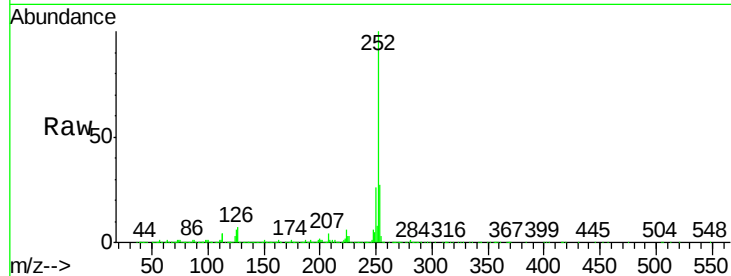




#88  
Benzo(k)fluoranthene  
Concen: 36.91 ng  
RT: 24.22 min Scan# 3639  
Delta R.T. 0.02 min  
Lab File: BG022638.D  
Acq: 27 Jun 2016 11:42

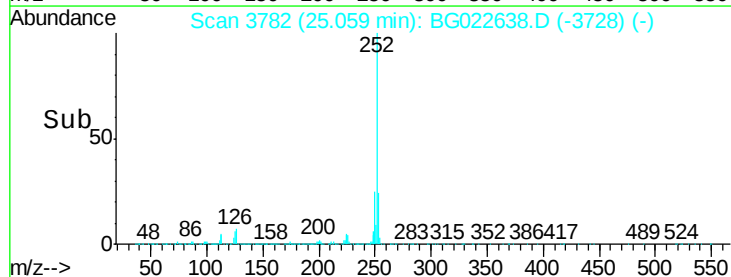
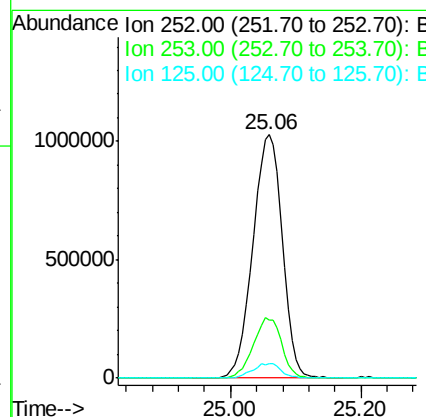
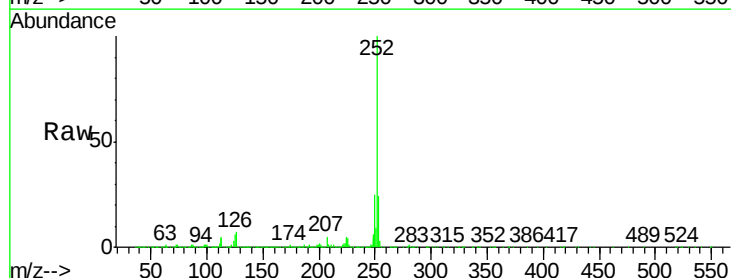
Instrument :  
BNA\_G  
ClientSampleId :  
TEC-COMP-B2AMS

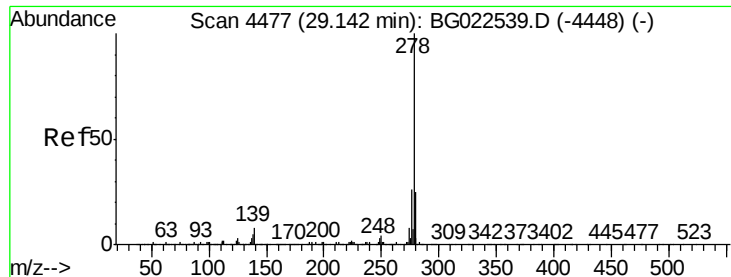
Tgt Ion:252 Resp: 3142900  
Ion Ratio Lower Upper  
252 100  
253 26.6 18.8 28.2  
125 5.6 3.2 4.8#



#89  
Benzo(a)pyrene  
Concen: 36.62 ng  
RT: 25.06 min Scan# 3782  
Delta R.T. 0.02 min  
Lab File: BG022638.D  
Acq: 27 Jun 2016 11:42

Tgt Ion:252 Resp: 3215919  
Ion Ratio Lower Upper  
252 100  
253 24.0 18.7 28.1  
125 6.2 3.9 5.9#





#90

Dibenzo(a,h)anthracene

Concen: 37.45 ng

RT: 29.15 min Scan# 4478

Delta R.T. 0.04 min

Lab File: BG022638.D

Acq: 27 Jun 2016 11:42

Instrument :

BNA\_G

ClientSampleId :

TEC-COMP-B2AMS

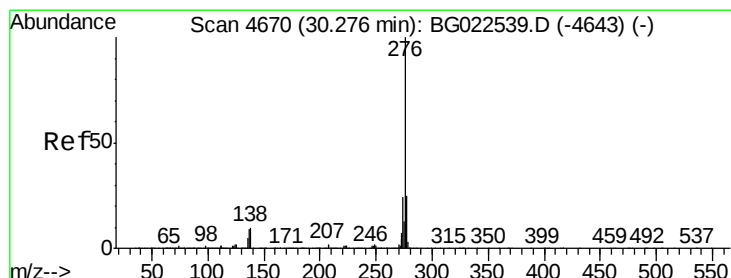
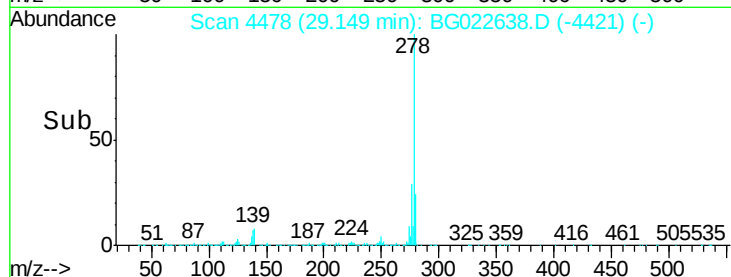
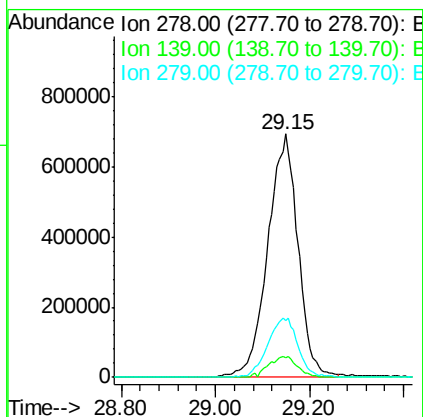
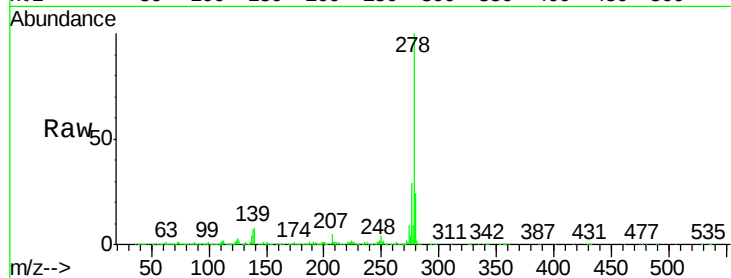
Tgt Ion:278 Resp: 3095403

Ion Ratio Lower Upper

278 100

139 8.2 4.7 7.1#

279 23.5 18.3 27.5



#91

Benzo(g,h,i)perylene

Concen: 35.97 ng

RT: 30.29 min Scan# 4672

Delta R.T. 0.04 min

Lab File: BG022638.D

Acq: 27 Jun 2016 11:42

Tgt Ion:276 Resp: 3026479

Ion Ratio Lower Upper

276 100

277 25.7 18.6 27.8

138 9.8 6.8 10.2

