

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080119\  
 Data File : BG041857.D  
 Acq On : 1 Aug 2019 11:05  
 Operator : HP/JU  
 Sample : K3621-08MS  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 OK-01-072919MS

Quant Time: Aug 01 14:11:28 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG072719.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jul 31 08:57:26 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.04  | 152  | 85713    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.87 | 136  | 329727   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 14.70 | 164  | 249298   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 17.45 | 188  | 600909   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 21.74 | 240  | 625125   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 25.01 | 264  | 732799   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |         |        |    |      |
|--------------------------|-------|-----|---------|--------|----|------|
| 5) 2-Fluorophenol        | 5.59  | 112 | 565810  | 128.43 | ng | 0.00 |
| 7) Phenol-d6             | 7.20  | 99  | 730690  | 123.03 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 9.21  | 82  | 508856  | 106.20 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 16.19 | 330 | 508241  | 179.48 | ng | 0.00 |
| 45) 2-Fluorobiphenyl     | 13.32 | 172 | 1383980 | 97.91  | ng | 0.00 |
| 79) Terphenyl-d14        | 20.06 | 244 | 2432993 | 89.06  | ng | 0.00 |

## Target Compounds

|                                |       |     |        |        |    | Qvalue |
|--------------------------------|-------|-----|--------|--------|----|--------|
| 2) 1,4-Dioxane                 | 3.48  | 88  | 64266  | 30.994 | ng | # 33   |
| 3) Pyridine                    | 3.88  | 79  | 151899 | 26.714 | ng | 90     |
| 4) n-Nitrosodimethylamine      | 3.78  | 42  | 87697  | 38.906 | ng | 98     |
| 6) Aniline                     | 7.36  | 93  | 157343 | 18.814 | ng | 97     |
| 8) 2-Chlorophenol              | 7.61  | 128 | 237628 | 47.105 | ng | 92     |
| 9) Benzaldehyde                | 7.17  | 77  | 117222 | 28.050 | ng | 92     |
| 10) Phenol                     | 7.22  | 94  | 250611 | 40.559 | ng | 98     |
| 11) bis(2-Chloroethyl)ether    | 7.45  | 93  | 207238 | 40.798 | ng | 93     |
| 12) 1,3-Dichlorobenzene        | 7.93  | 146 | 270236 | 41.044 | ng | 98     |
| 13) 1,4-Dichlorobenzene        | 8.08  | 146 | 274713 | 41.699 | ng | 98     |
| 14) 1,2-Dichlorobenzene        | 8.40  | 146 | 259757 | 41.321 | ng | 94     |
| 15) Benzyl Alcohol             | 8.28  | 79  | 217289 | 46.503 | ng | 98     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.57  | 45  | 347242 | 38.424 | ng | 96     |
| 17) 2-Methylphenol             | 8.48  | 107 | 202138 | 44.983 | ng | 99     |
| 18) Hexachloroethane           | 9.14  | 117 | 95428  | 42.299 | ng | 92     |
| 19) n-Nitroso-di-n-propylamine | 8.85  | 70  | 176973 | 41.043 | ng | 89     |
| 20) 3+4-Methylphenols          | 8.81  | 107 | 279156 | 45.396 | ng | 99     |
| 22) Acetophenone               | 8.87  | 105 | 348398 | 47.239 | ng | # 91   |
| 24) Nitrobenzene               | 9.25  | 77  | 255688 | 50.654 | ng | 96     |
| 25) Isophorone                 | 9.78  | 82  | 494744 | 47.467 | ng | 97     |
| 26) 2-Nitrophenol              | 9.97  | 139 | 143793 | 61.378 | ng | 94     |
| 27) 2,4-Dimethylphenol         | 10.03 | 122 | 238450 | 57.670 | ng | 98     |
| 28) bis(2-Chloroethoxy)methane | 10.26 | 93  | 297856 | 45.730 | ng | 100    |
| 29) 2,4-Dichlorophenol         | 10.51 | 162 | 281366 | 55.879 | ng | 96     |
| 30) 1,2,4-Trichlorobenzene     | 10.73 | 180 | 299444 | 46.897 | ng | 98     |
| 31) Naphthalene                | 10.92 | 128 | 724151 | 47.987 | ng | 98     |
| 32) Benzoic acid               | 10.03 | 122 | 238450 | 74.775 | ng | # 15   |
| 33) 4-Chloroaniline            | 11.02 | 127 | 36643  | 5.120  | ng | 96     |
| 34) Hexachlorobutadiene        | 11.21 | 225 | 195147 | 45.284 | ng | 99     |
| 35) Caprolactam                | 11.80 | 113 | 84966  | 48.555 | ng | # 75   |
| 36) 4-Chloro-3-methylphenol    | 12.14 | 107 | 289358 | 57.964 | ng | 97     |
| 37) 2-Methylnaphthalene        | 12.52 | 142 | 584976 | 48.973 | ng | 99     |
| 38) 1-Methylnaphthalene        | 12.75 | 142 | 557004 | 49.206 | ng | 100    |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.89 | 216 | 374635 | 47.474 | ng | 98     |

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 ALS Vial : 5 Sample Multiplier: 1

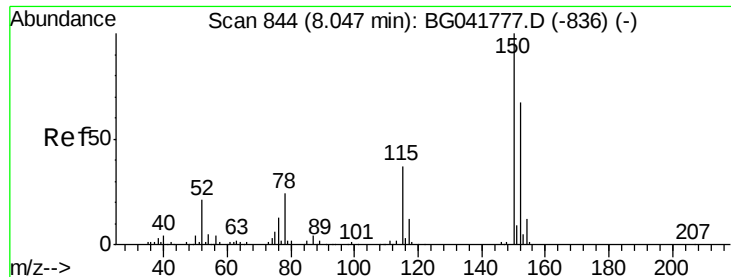
Instrument :  
 BNA\_G  
 ClientSampleId :  
 OK-01-072919MS

Quant Time: Aug 01 14:11:28 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG072719.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jul 31 08:57:26 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units | Dev(Min) |
|--------------------------------|-------|------|----------|---------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 12.88 | 237  | 425820   | 95.976  | ng    | 98       |
| 43) 2,4,6-Trichlorophenol      | 13.13 | 196  | 273400   | 54.815  | ng    | 99       |
| 44) 2,4,5-Trichlorophenol      | 13.20 | 196  | 305586   | 58.958  | ng    | 94       |
| 46) 1,1'-Biphenyl              | 13.53 | 154  | 767276   | 47.878  | ng    | 96       |
| 47) 2-Chloronaphthalene        | 13.58 | 162  | 630593   | 46.217  | ng    | 98       |
| 48) 2-Nitroaniline             | 13.77 | 65   | 194165   | 56.110  | ng    | 90       |
| 49) Acenaphthylene             | 14.42 | 152  | 1011986  | 49.584  | ng    | 97       |
| 50) Dimethylphthalate          | 14.15 | 163  | 878310   | 51.587  | ng    | 99       |
| 51) 2,6-Dinitrotoluene         | 14.26 | 165  | 211744   | 59.476  | ng    | 89       |
| 52) Acenaphthene               | 14.76 | 154  | 626822   | 47.221  | ng    | 99       |
| 53) 3-Nitroaniline             | 14.59 | 138  | 75417    | 19.801  | ng    | # 87     |
| 54) 2,4-Dinitrophenol          | 14.80 | 184  | 53753    | 32.971  | ng    | 94       |
| 55) Dibenzofuran               | 15.10 | 168  | 1016519  | 50.066  | ng    | 96       |
| 56) 4-Nitrophenol              | 14.90 | 139  | 332638   | 115.056 | ng    | 96       |
| 57) 2,4-Dinitrotoluene         | 15.06 | 165  | 298707   | 61.011  | ng    | 87       |
| 58) Fluorene                   | 15.75 | 166  | 835749   | 51.293  | ng    | 98       |
| 59) 2,3,4,6-Tetrachlorophenol  | 15.33 | 232  | 292486   | 56.977  | ng    | 94       |
| 60) Diethylphthalate           | 15.52 | 149  | 872112   | 52.174  | ng    | 99       |
| 61) 4-Chlorophenyl-phenylether | 15.74 | 204  | 499755   | 50.241  | ng    | 96       |
| 62) 4-Nitroaniline             | 15.76 | 138  | 226409   | 54.882  | ng    | 97       |
| 63) Azobenzene                 | 16.04 | 77   | 676169   | 49.519  | ng    | 94       |
| 65) 4,6-Dinitro-2-methylphenol | 15.82 | 198  | 85902    | 31.890  | ng    | 84       |
| 66) n-Nitrosodiphenylamine     | 15.96 | 169  | 806263   | 49.257  | ng    | 98       |
| 67) 4-Bromophenyl-phenylether  | 16.64 | 248  | 352498   | 47.622  | ng    | 96       |
| 68) Hexachlorobenzene          | 16.76 | 284  | 362695   | 46.837  | ng    | 93       |
| 69) Atrazine                   | 16.90 | 200  | 324617   | 50.475  | ng    | 99       |
| 70) Pentachlorophenol          | 17.10 | 266  | 178390   | 40.551  | ng    | 99       |
| 71) Phenanthrene               | 17.49 | 178  | 1407110  | 48.852  | ng    | 97       |
| 72) Anthracene                 | 17.58 | 178  | 1454789  | 50.643  | ng    | 96       |
| 73) Carbazole                  | 17.85 | 167  | 1309411  | 50.785  | ng    | 97       |
| 74) Di-n-butylphthalate        | 18.42 | 149  | 1448684  | 49.561  | ng    | 98       |
| 75) Fluoranthene               | 19.50 | 202  | 1739952  | 49.697  | ng    | 94       |
| 77) Benzidine                  | 19.68 | 184  | 294652   | 14.441  | ng    | 97       |
| 78) Pyrene                     | 19.86 | 202  | 1765577  | 47.670  | ng    | 95       |
| 80) Butylbenzylphthalate       | 20.75 | 149  | 711945   | 50.136  | ng    | 93       |
| 81) Benzo(a)anthracene         | 21.71 | 228  | 1771830  | 47.906  | ng    | 97       |
| 82) 3,3'-Dichlorobenzidine     | 21.63 | 252  | 315423   | 21.241  | ng    | # 96     |
| 83) Chrysene                   | 21.78 | 228  | 1734555  | 48.926  | ng    | 97       |
| 84) Bis(2-ethylhexyl)phthalate | 21.63 | 149  | 998302   | 50.965  | ng    | 99       |
| 85) Di-n-octyl phthalate       | 22.87 | 149  | 1699143  | 51.543  | ng    | # 92     |
| 86) Indeno(1,2,3-cd)pyrene     | 28.75 | 276  | 2350240  | 50.078  | ng    | # 88     |
| 88) Benzo(b)fluoranthene       | 24.04 | 252  | 1920251  | 47.902  | ng    | 97       |
| 89) Benzo(k)fluoranthene       | 24.04 | 252  | 1920251  | 49.175  | ng    | # 97     |
| 90) Benzo(a)pyrene             | 24.86 | 252  | 1953474  | 50.810  | ng    | # 97     |
| 91) Dibenzo(a,h)anthracene     | 28.82 | 278  | 1916457  | 50.766  | ng    | # 96     |
| 92) Benzo(g,h,i)perylene       | 29.92 | 276  | 1948015  | 51.649  | ng    | # 95     |

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



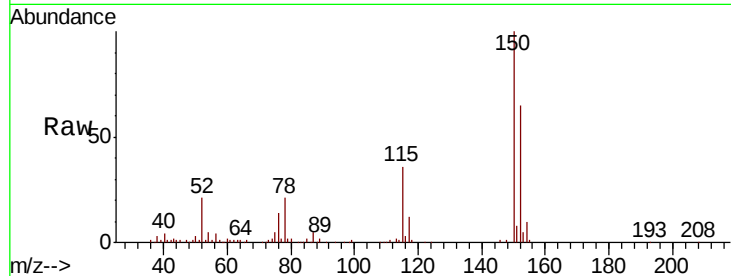


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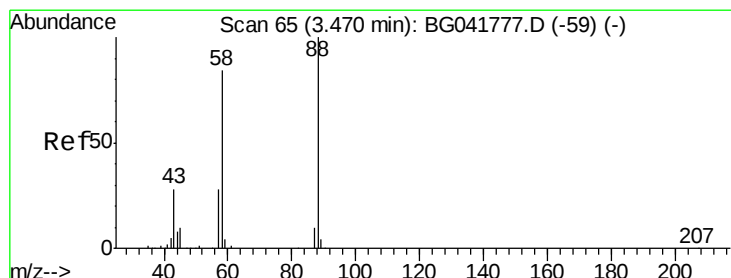
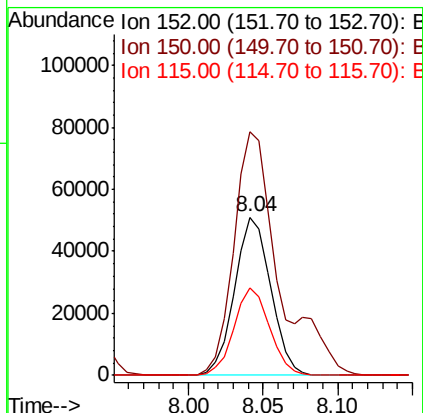
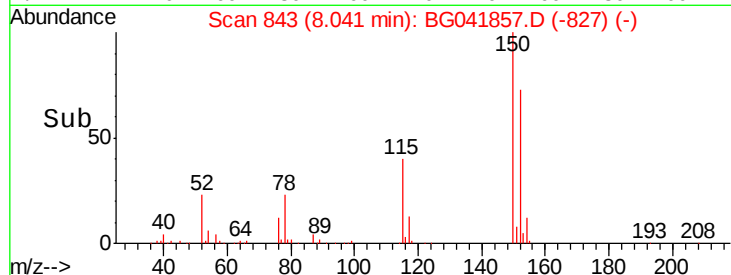
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.04 min Scan# 843  
Delta R.T. -0.01 min  
Lab File: BG041857.D  
Acq: 1 Aug 2019 11:05

Instrument :  
BNA\_G  
ClientSampleId :  
OK-01-072919MS

Tot Ion:152 Resp: 85713  
Ion Ratio Lower Upper  
152 100  
150 153.7 126.9 190.3  
115 55.5 45.0 67.6



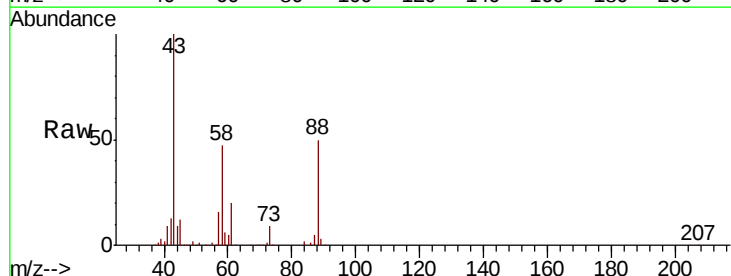
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Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



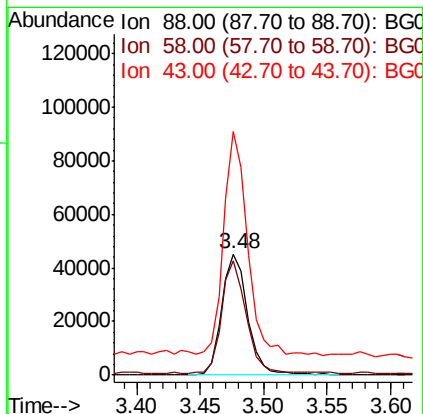
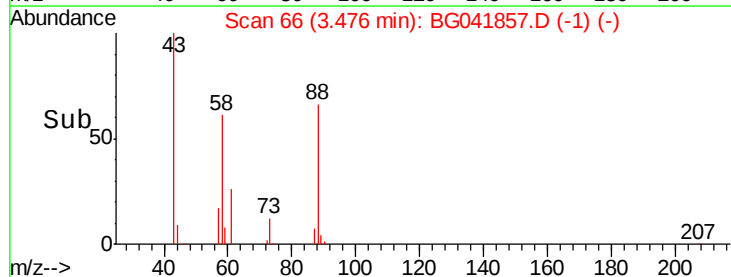
#2

1,4-Dioxane  
Concen: 30.994 ng  
RT: 3.48 min Scan# 66  
Delta R.T. 0.01 min  
Lab File: BG041857.D  
Acq: 1 Aug 2019 11:05

Tgt Ion: 88 Resp: 64266  
Ion Ratio Lower Upper  
88 100  
58 86.6 76.2 114.2  
43 165.4 27.2 40.8#



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





#3

Pvridine

Concen: 26.714 ng

RT: 3.88 min Scan# 135

Delta R.T. 0.01 min

Lab File: BG041857.D

Acq: 1 Aug 2019 11:05

Instrument :

BNA\_G

ClientSampleId :

OK-01-072919MS

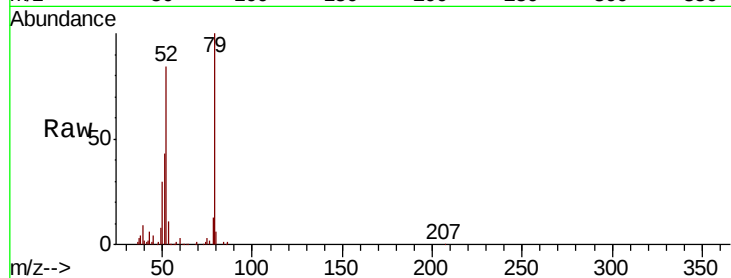
Tot Ion: 79 Resp: 151899

Ion Ratio Lower Upper

79 100

52 84.5 77.1 115.7

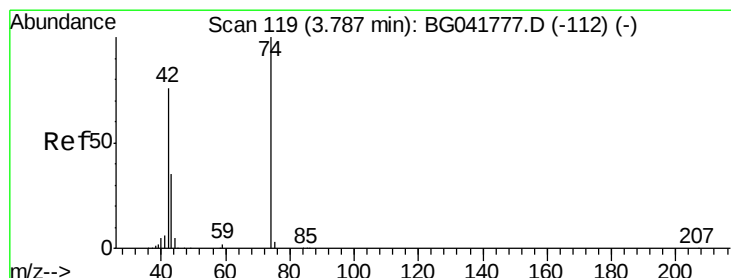
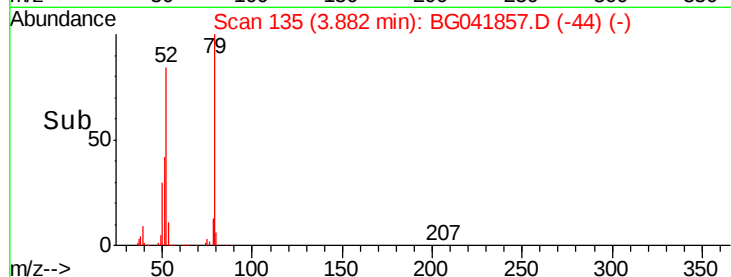
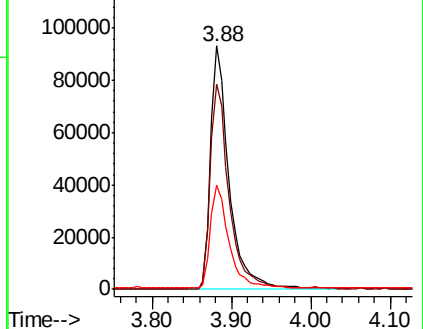
51 42.8 37.8 56.8



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 52.00 (51.70 to 52.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 38.906 ng

RT: 3.78 min Scan# 118

Delta R.T. -0.01 min

Lab File: BG041857.D

Acq: 1 Aug 2019 11:05

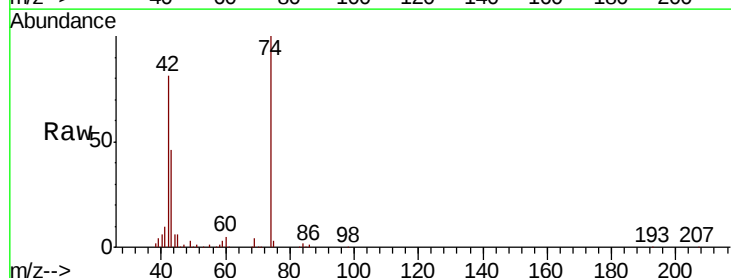
Tgt Ion: 42 Resp: 87697

Ion Ratio Lower Upper

42 100

74 124.2 97.4 146.2

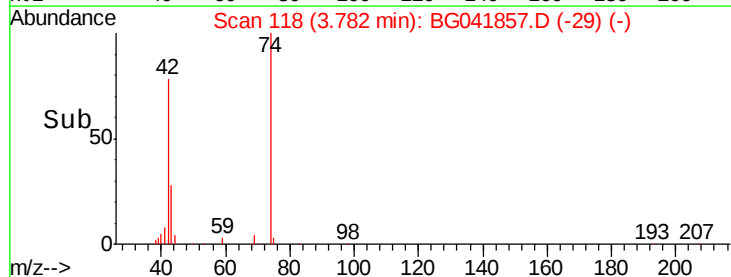
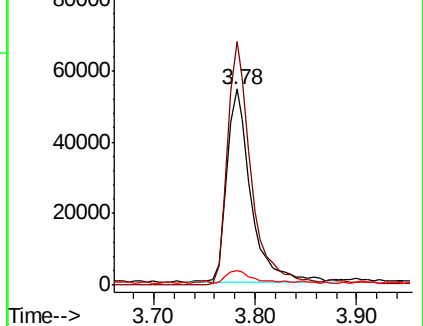
44 7.4 6.6 9.8

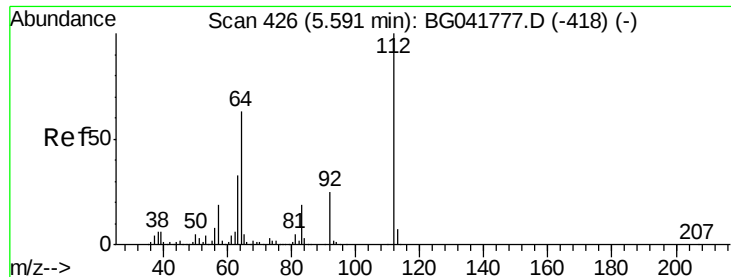


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 128.435 ng

RT: 5.59 min Scan# 426

Delta R.T. 0.00 min

Lab File: BG041857.D

Acq: 1 Aug 2019 11:05

Instrument :

BNA\_G

ClientSampleId :

OK-01-072919MS

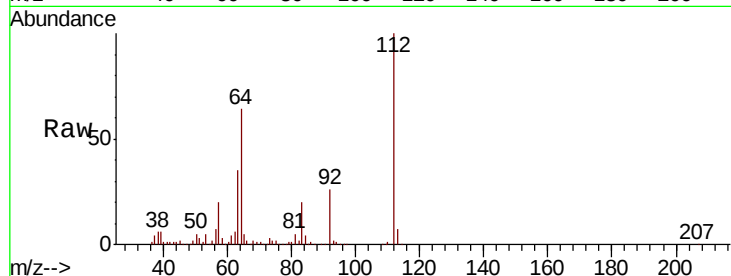
Tot Ion:112 Resp: 565810

Ion Ratio Lower Upper

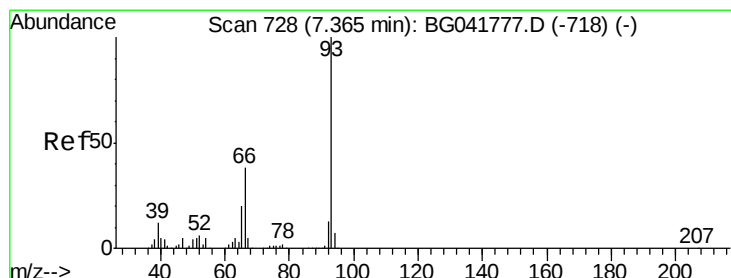
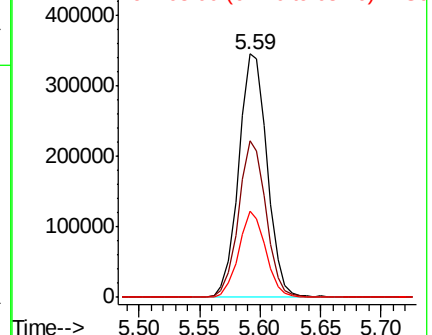
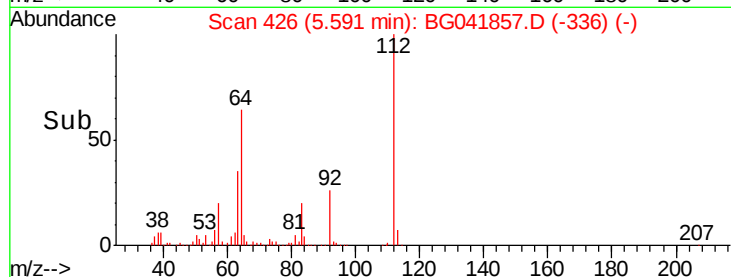
112 100

64 64.4 55.4 83.2

63 35.3 29.1 43.7



Abundance Ion 112.00 (111.70 to 112.70): BGC  
Ion 64.00 (63.70 to 64.70): BGC  
Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 18.814 ng

RT: 7.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BG041857.D

Acq: 1 Aug 2019 11:05

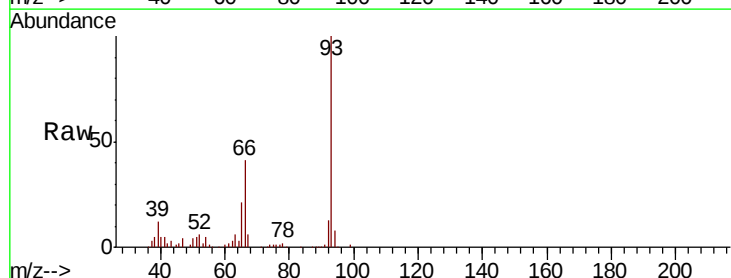
Tgt Ion: 93 Resp: 157343

Ion Ratio Lower Upper

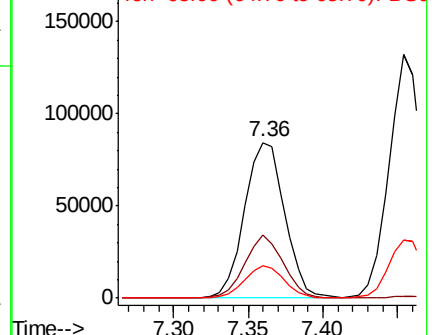
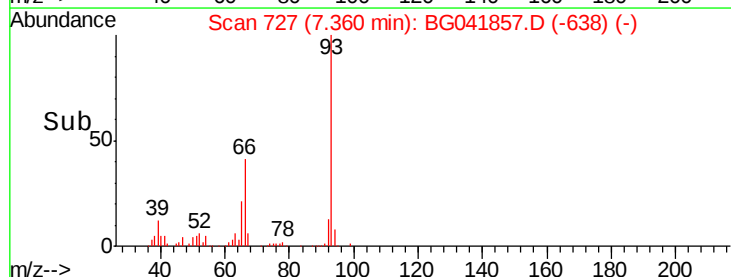
93 100

66 40.7 34.2 51.2

65 21.0 18.2 27.2



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: 123.028 ng

RT: 7.20 min Scan# 699

Delta R.T. 0.00 min

Lab File: BG041857.D

Acq: 1 Aug 2019 11:05

Instrument :

BNA\_G

ClientSampleId :

OK-01-072919MS

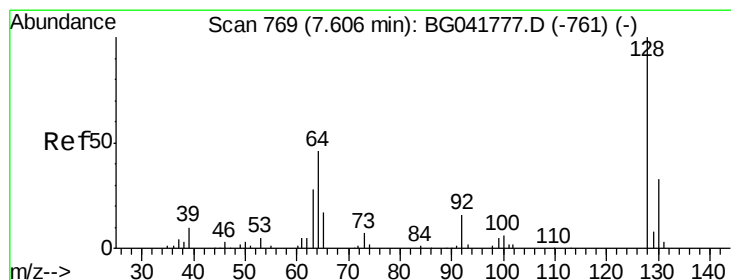
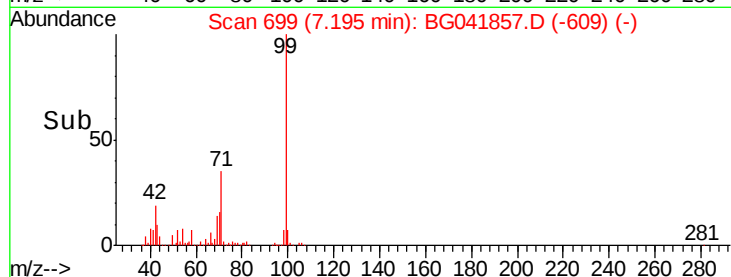
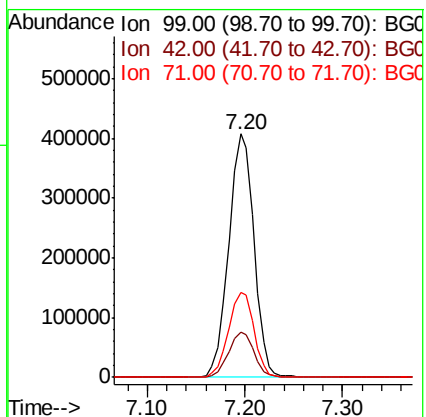
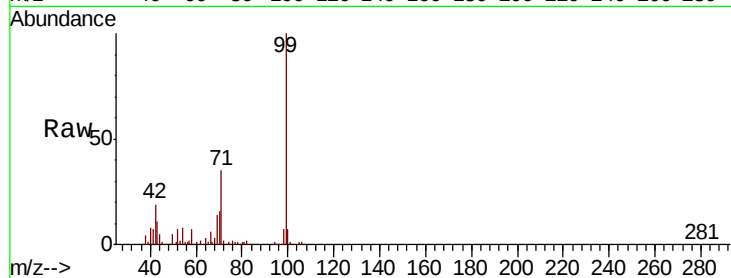
Tot Ion: 99 Resp: 730690

Ion Ratio Lower Upper

99 100

42 18.7 17.6 26.4

71 34.8 27.8 41.6



#8

2-Chlorophenol

Concen: 47.105 ng

RT: 7.61 min Scan# 769

Delta R.T. 0.00 min

Lab File: BG041857.D

Acq: 1 Aug 2019 11:05

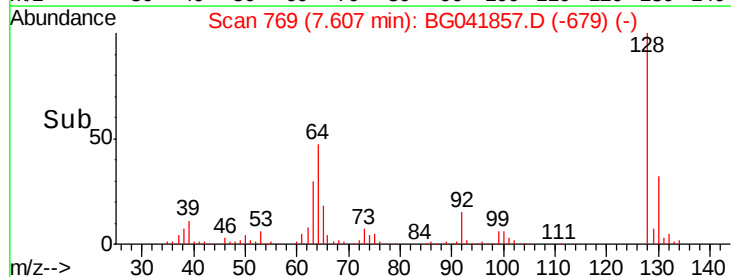
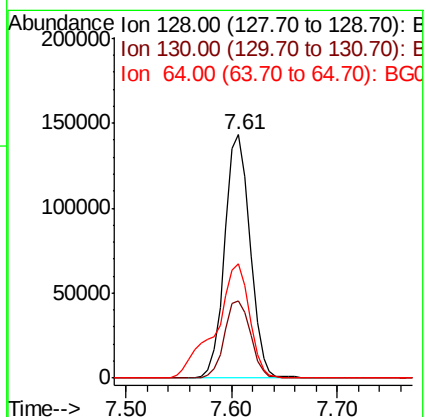
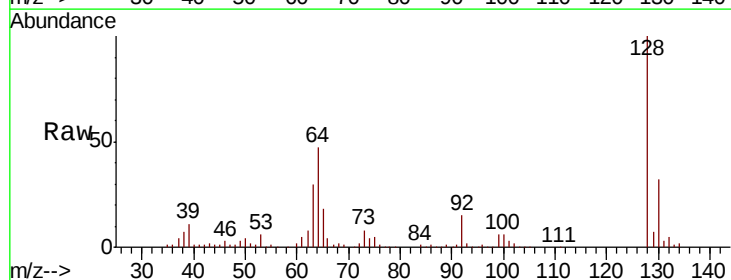
Tgt Ion: 128 Resp: 237628

Ion Ratio Lower Upper

128 100

130 31.8 12.4 52.4

64 46.7 34.9 74.9





#9

Benzaldehyde

Concen: 28.050 ng

RT: 7.17 min Scan# 694

Delta R.T. -0.01 min

Lab File: BG041857.D

Acq: 1 Aug 2019 11:05

Instrument :

BNA\_G

ClientSampleId :

OK-01-072919MS

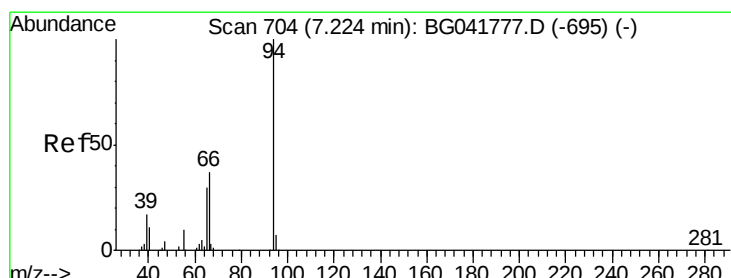
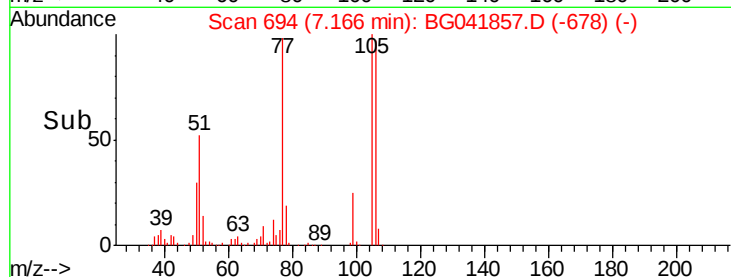
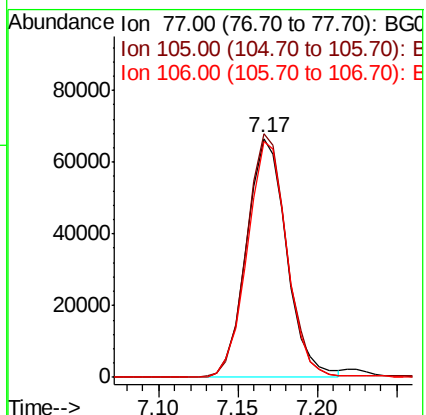
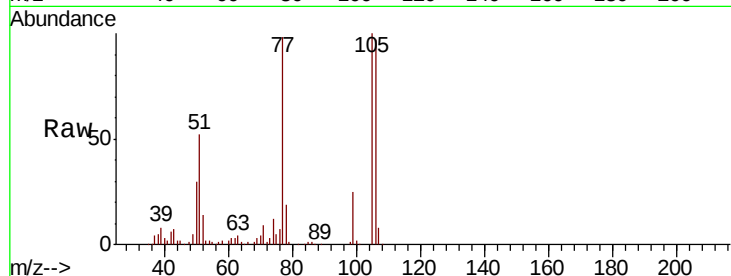
Tot Ion: 77 Resp: 117222

Ion Ratio Lower Upper

77 100

105 101.9 74.6 114.6

106 99.0 71.1 111.1



#10

Phenol

Concen: 40.559 ng

RT: 7.22 min Scan# 704

Delta R.T. 0.00 min

Lab File: BG041857.D

Acq: 1 Aug 2019 11:05

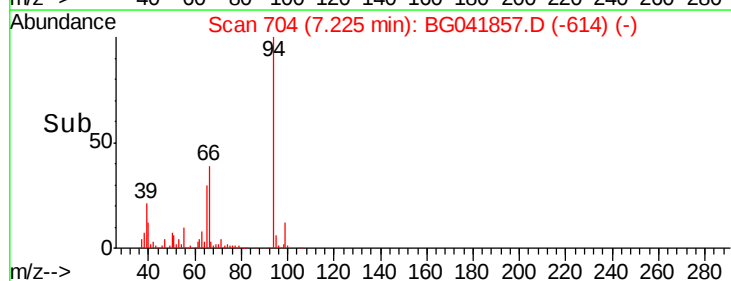
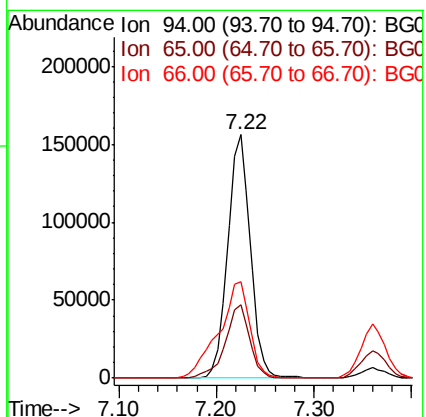
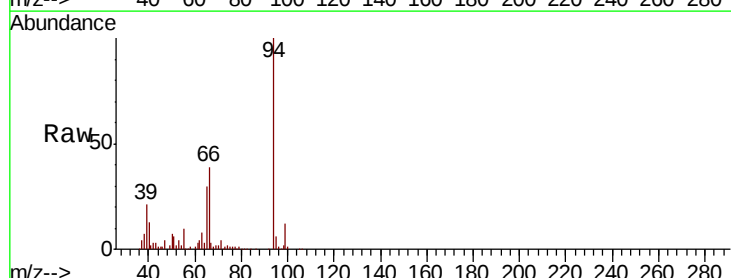
Tgt Ion: 94 Resp: 250611

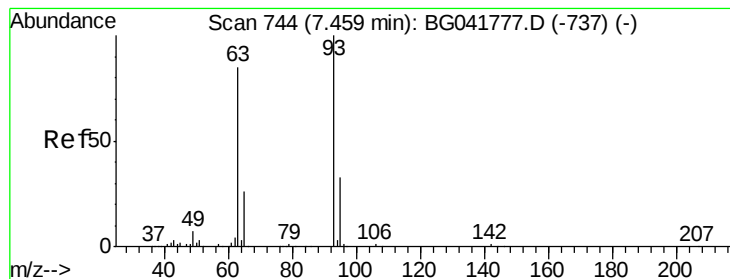
Ion Ratio Lower Upper

94 100

65 29.9 10.6 50.6

66 39.4 18.2 58.2





#11

bis(2-Chloroethyl)ether

Concen: 40.798 ng

RT: 7.45 min Scan# 743

Delta R.T. -0.01 min

Lab File: BG041857.D

Acq: 1 Aug 2019 11:05

Instrument :

BNA\_G

ClientSampleId :

OK-01-072919MS

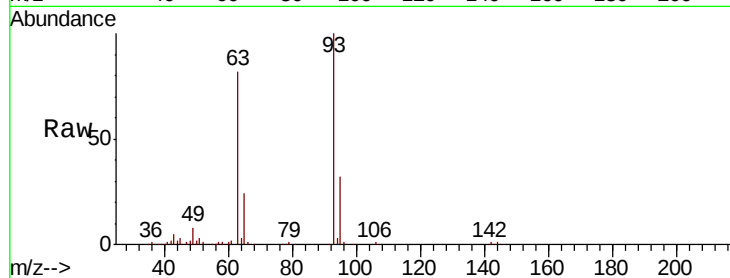
Tot Ion: 93 Resp: 207238

Ion Ratio Lower Upper

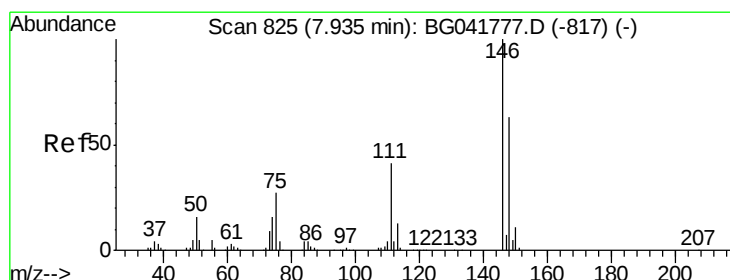
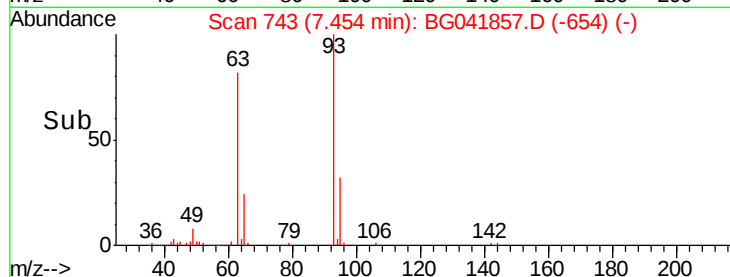
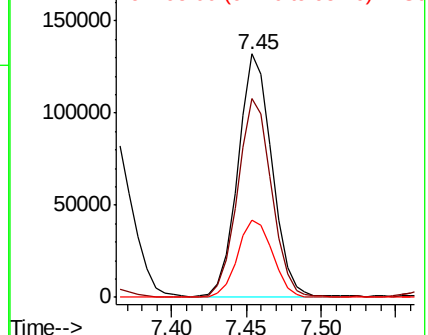
93 100

63 81.8 70.4 110.4

95 31.6 12.8 52.8



Abundance Ion 93.00 (92.70 to 93.70): BGC  
Ion 63.00 (62.70 to 63.70): BGC  
Ion 95.00 (94.70 to 95.70): BGC



#12

1,3-Dichlorobenzene

Concen: 41.044 ng

RT: 7.93 min Scan# 824

Delta R.T. -0.01 min

Lab File: BG041857.D

Acq: 1 Aug 2019 11:05

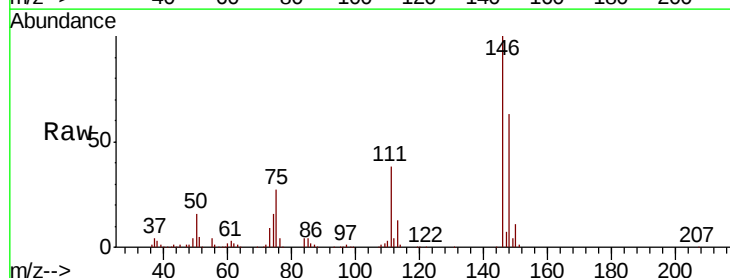
Tgt Ion: 146 Resp: 270236

Ion Ratio Lower Upper

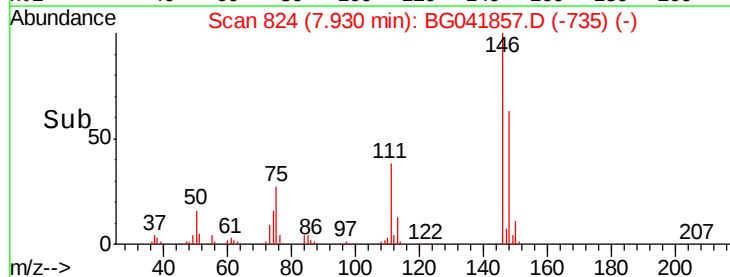
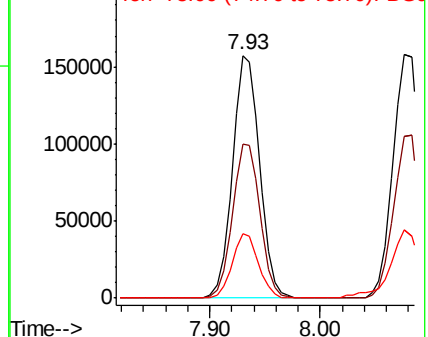
146 100

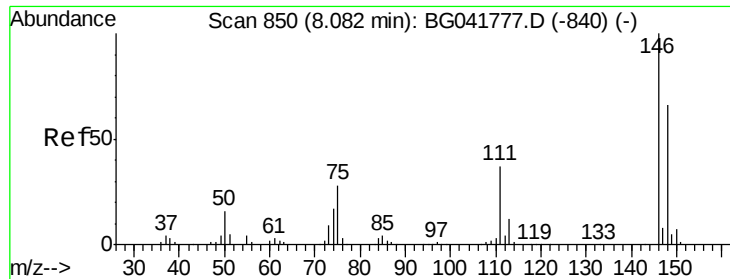
148 63.3 51.5 77.3

75 26.6 23.2 34.8



Abundance Ion 146.00 (145.70 to 146.70): BGC  
Ion 148.00 (147.70 to 148.70): BGC  
Ion 75.00 (74.70 to 75.70): BGC

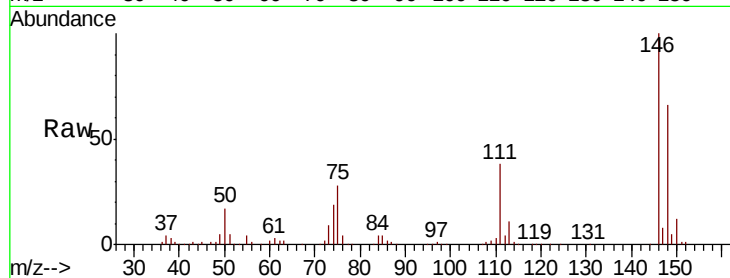




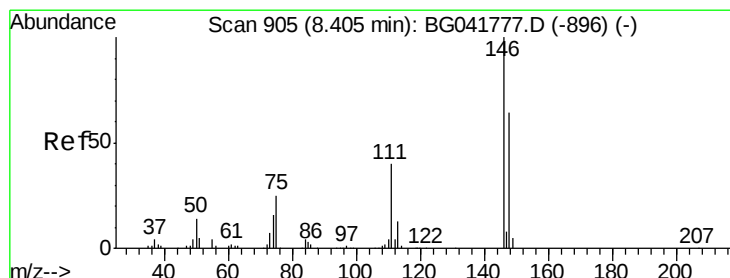
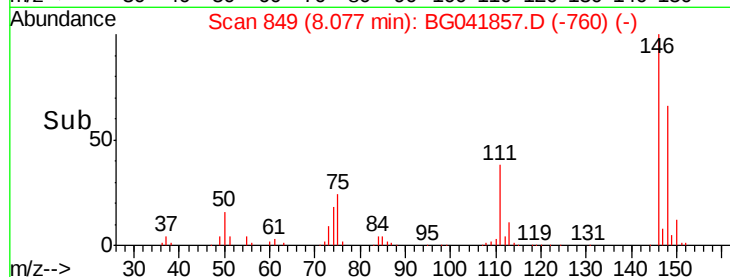
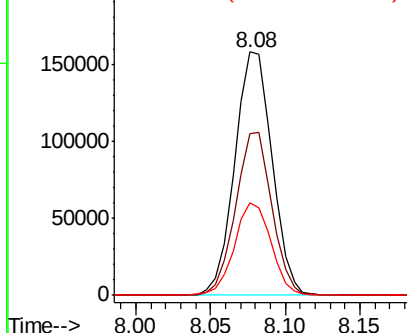
#13  
 1,4-Dichlorobenzene  
 Concen: 41.699 ng  
 RT: 8.08 min Scan# 849  
 Delta R.T. -0.01 min  
 Lab File: BG041857.D  
 Acq: 1 Aug 2019 11:05

Instrument :  
 BNA\_G  
 ClientSampleId :  
 OK-01-072919MS

Tot Ion:146 Resp: 274713  
 Ion Ratio Lower Upper  
 146 100  
 148 66.3 52.6 79.0  
 111 38.1 32.5 48.7

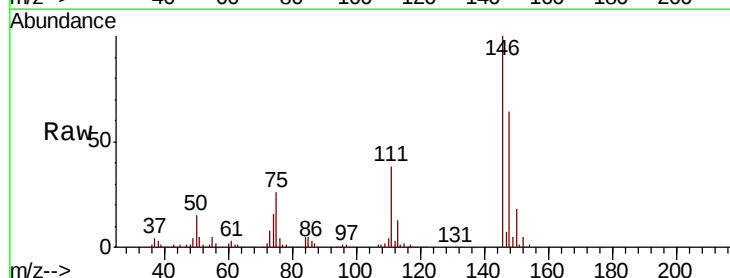


Abundance Ion 146.00 (145.70 to 146.70): E  
 Ion 148.00 (147.70 to 148.70): E  
 Ion 111.00 (110.70 to 111.70): E

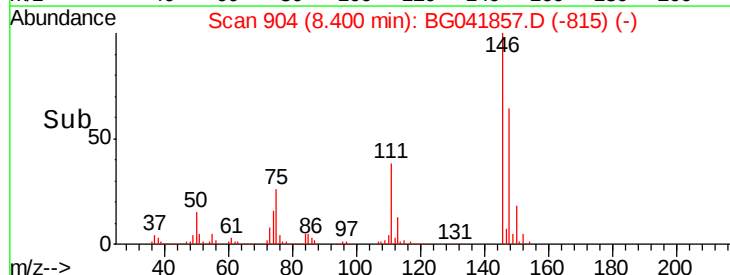
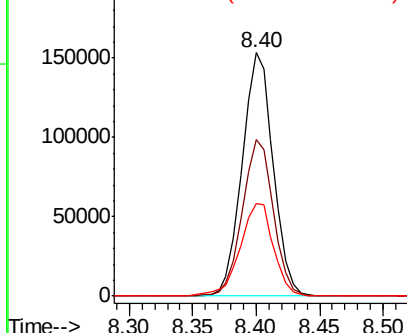


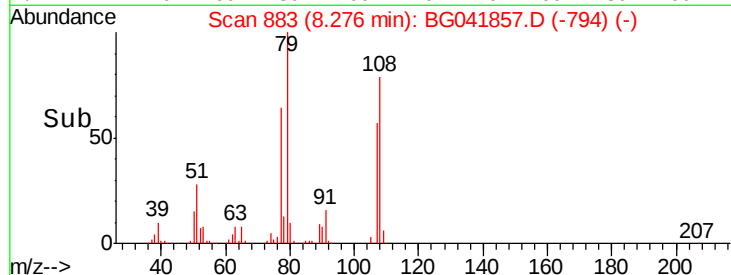
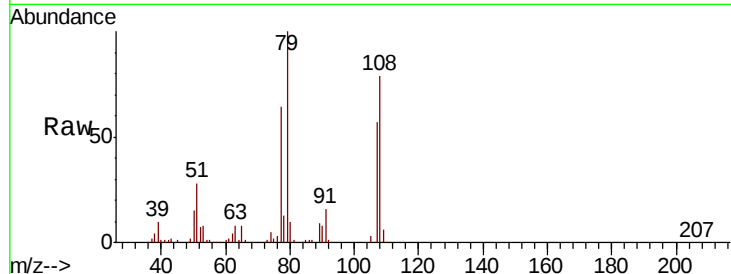
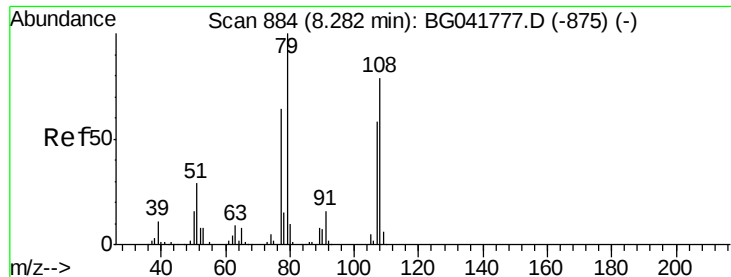
#14  
 1,2-Dichlorobenzene  
 Concen: 41.321 ng  
 RT: 8.40 min Scan# 904  
 Delta R.T. -0.01 min  
 Lab File: BG041857.D  
 Acq: 1 Aug 2019 11:05

Tgt Ion:146 Resp: 259757  
 Ion Ratio Lower Upper  
 146 100  
 148 64.2 53.5 80.3  
 111 37.9 35.4 53.0



Abundance Ion 146.00 (145.70 to 146.70): E  
 Ion 148.00 (147.70 to 148.70): E  
 Ion 111.00 (110.70 to 111.70): E

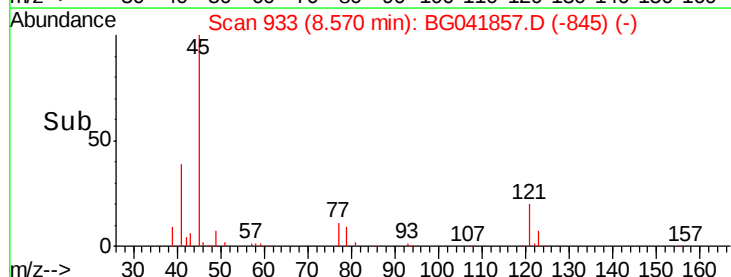
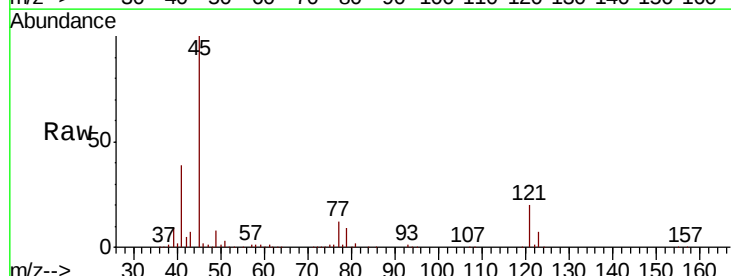
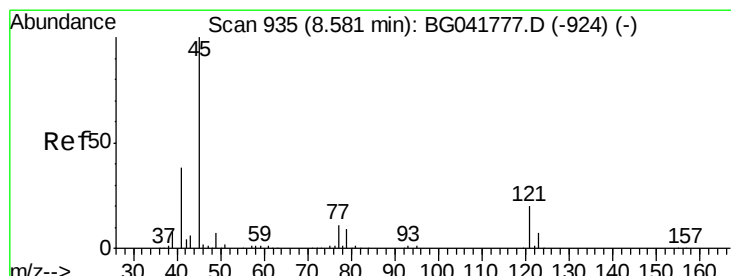
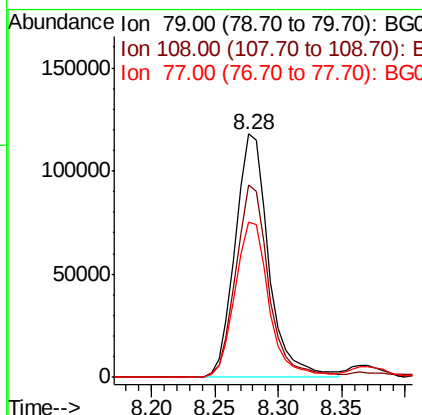




#15  
Benzyl Alcohol  
Concen: 46.503 ng  
RT: 8.28 min Scan# 883  
Delta R.T. -0.01 min  
Lab File: BG041857.D  
Acq: 1 Aug 2019 11:05

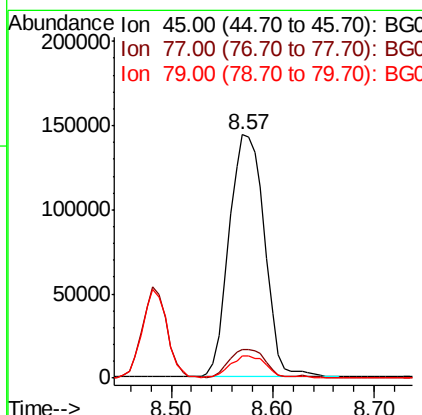
Instrument :  
BNA\_G  
ClientSampleId :  
OK-01-072919MS

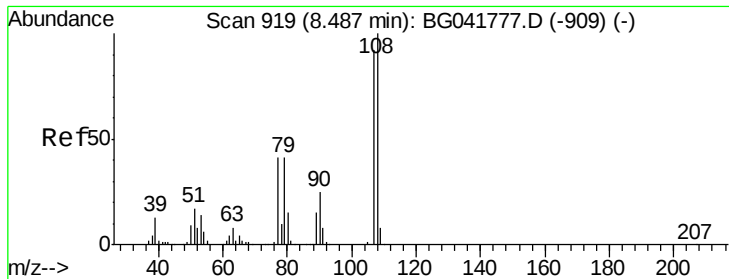
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 79      | 100   |       |       |
| 108     | 79.2  | 60.5  | 90.7  |
| 77      | 63.5  | 50.6  | 75.8  |



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 38.424 ng  
RT: 8.57 min Scan# 933  
Delta R.T. -0.01 min  
Lab File: BG041857.D  
Acq: 1 Aug 2019 11:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 45      | 100   |       |       |
| 77      | 12.0  | 0.0   | 30.4  |
| 79      | 9.3   | 0.0   | 27.9  |





#17

2-Methylphenol

Concen: 44.983 ng

RT: 8.48 min Scan# 918

Delta R.T. -0.01 min

Lab File: BG041857.D

Acq: 1 Aug 2019 11:05

Instrument :

BNA\_G

ClientSampleId :

OK-01-072919MS

Tot Ion:107 Resp: 202138

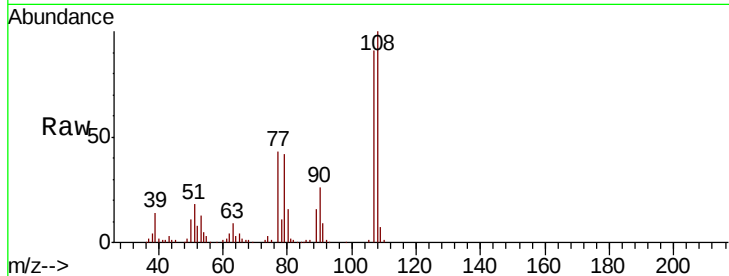
Ion Ratio Lower Upper

107 100

108 110.0 87.6 131.4

77 47.7 36.1 54.1

79 46.1 36.4 54.6



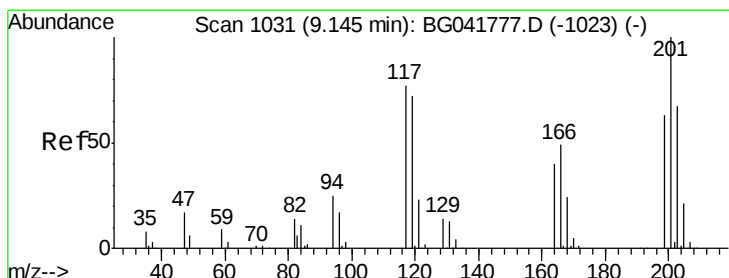
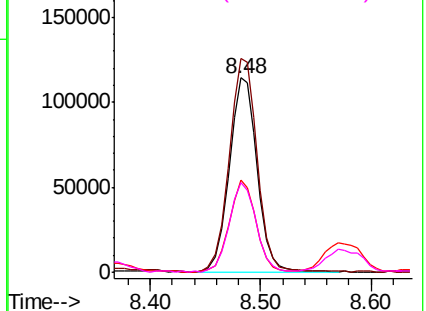
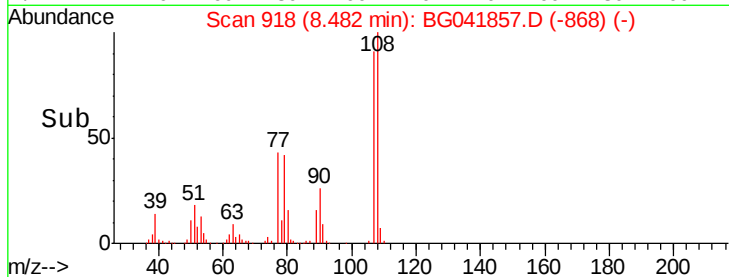
Abundance

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: 42.299 ng

RT: 9.14 min Scan# 1030

Delta R.T. -0.01 min

Lab File: BG041857.D

Acq: 1 Aug 2019 11:05

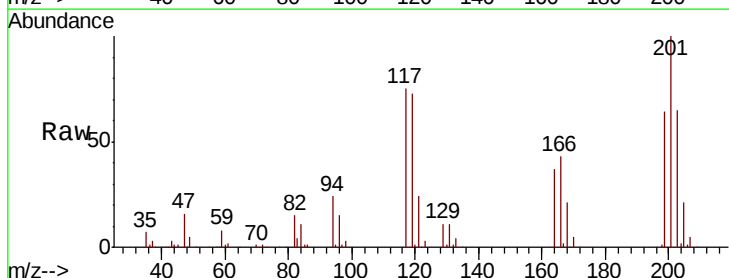
Tgt Ion:117 Resp: 95428

Ion Ratio Lower Upper

117 100

119 96.4 76.2 114.2

201 132.7 94.1 141.1

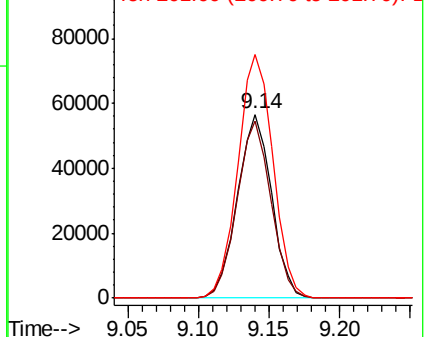
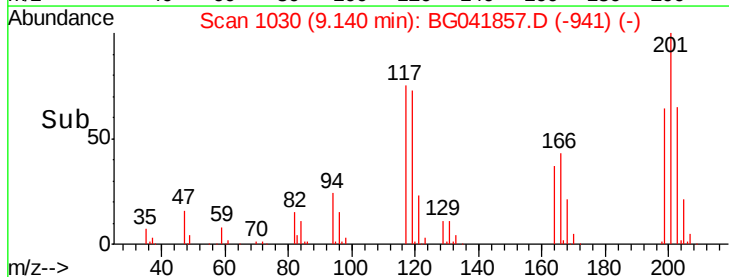


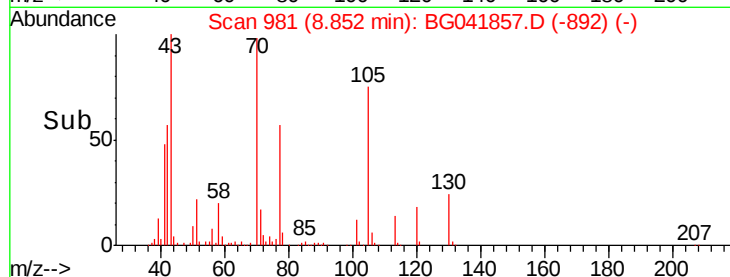
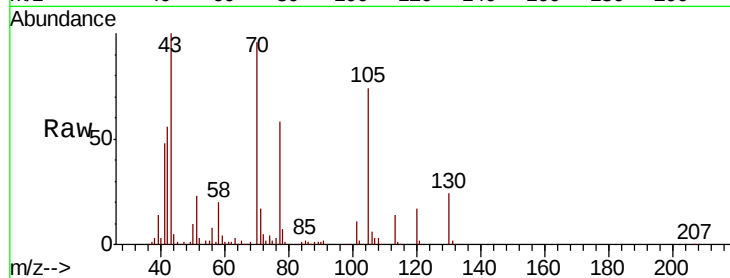
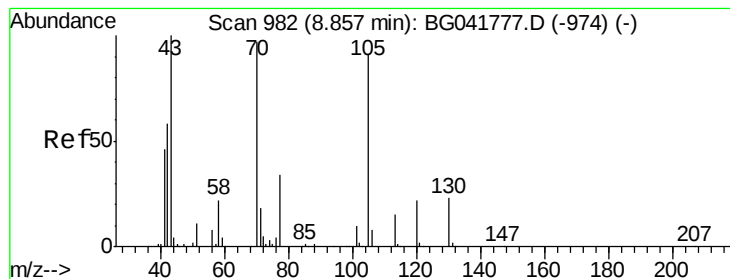
Abundance

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: 41.043 ng

RT: 8.85 min Scan# 981

Delta R.T. -0.01 min

Lab File: BG041857.D

Acq: 1 Aug 2019 11:05

Instrument :

BNA\_G

ClientSampleId :

OK-01-072919MS

Tot Ion: 70 Resp: 176973

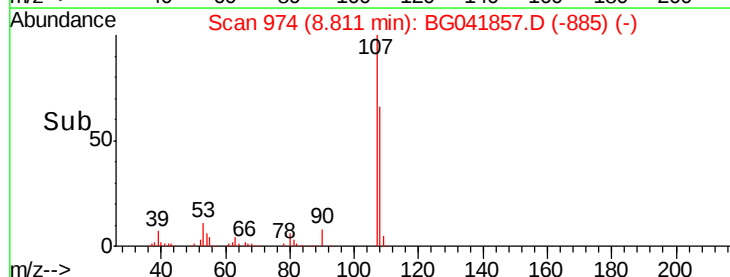
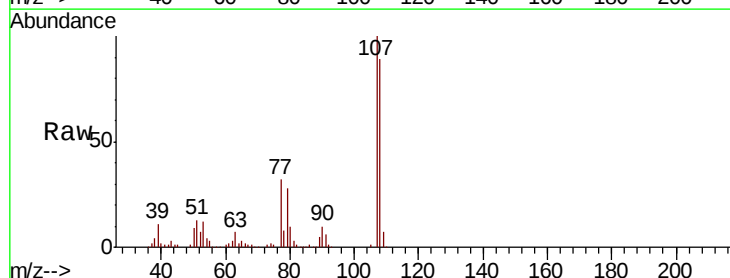
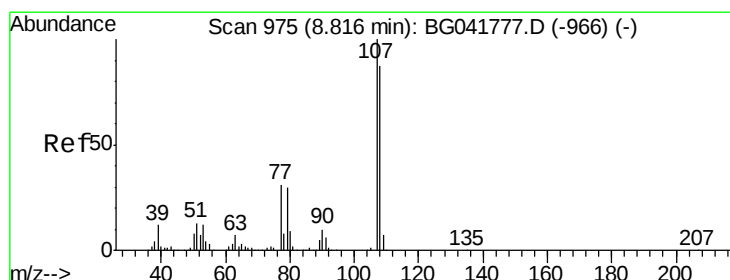
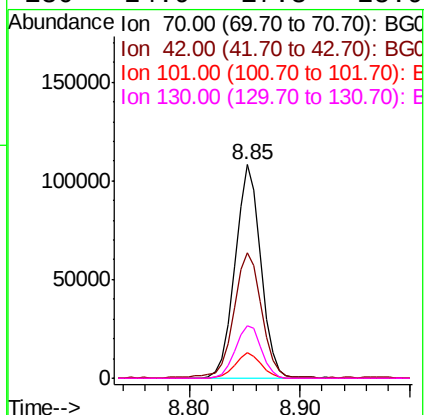
Ion Ratio Lower Upper

70 100

42 58.8 55.8 83.6

101 11.9 8.1 12.1

130 24.9 17.3 25.9



#20

3+4-Methylphenols

Concen: 45.396 ng

RT: 8.81 min Scan# 974

Delta R.T. -0.01 min

Lab File: BG041857.D

Acq: 1 Aug 2019 11:05

Tgt Ion:107 Resp: 279156

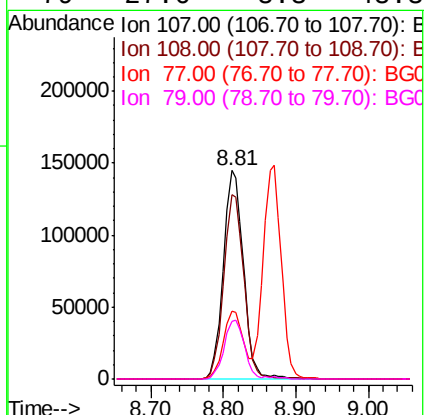
Ion Ratio Lower Upper

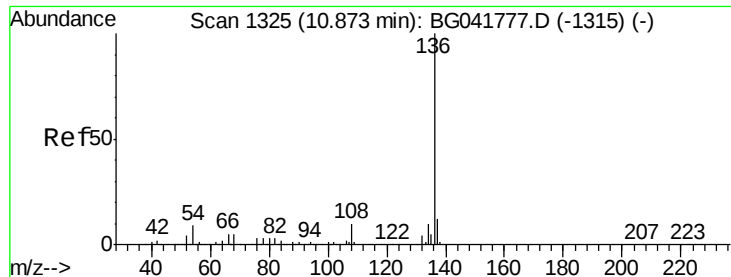
107 100

108 88.8 67.5 107.5

77 32.3 12.3 52.3

79 27.6 8.3 48.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.87 min Scan# 1324

Delta R.T. -0.01 min

Lab File: BG041857.D

Acq: 1 Aug 2019 11:05

Instrument :

BNA\_G

ClientSampleId :

OK-01-072919MS

Tot Ion:136 Resp: 329727

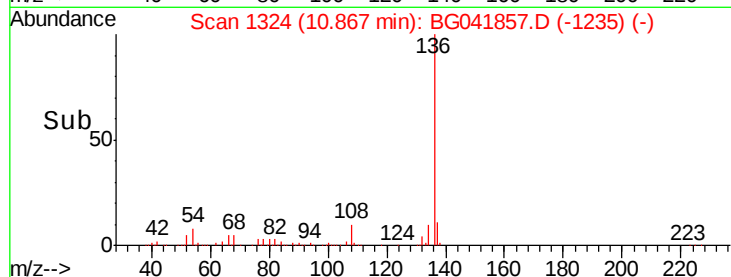
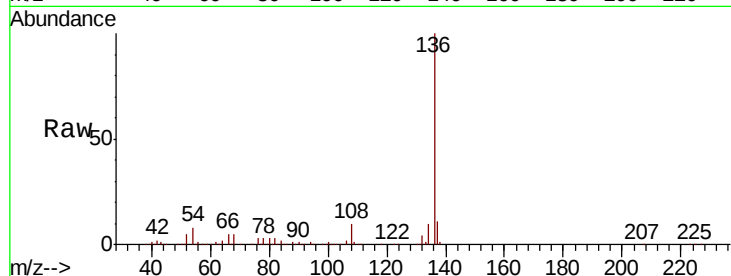
Ion Ratio Lower Upper

136 100

137 11.1 9.2 13.8

54 8.1 8.7 13.1#

68 5.4 5.5 8.3#



Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC

Time-->

10.87

200000

150000

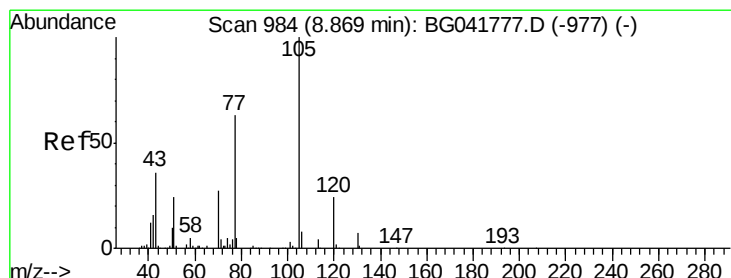
100000

50000

0

10.80

10.90



#22

Acetophenone

Concen: 47.239 ng

RT: 8.87 min Scan# 984

Delta R.T. 0.00 min

Lab File: BG041857.D

Acq: 1 Aug 2019 11:05

Tgt Ion:105 Resp: 348398

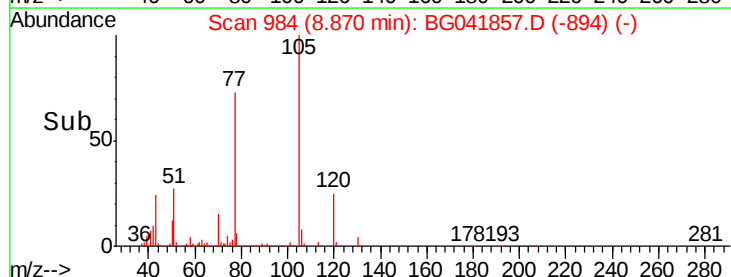
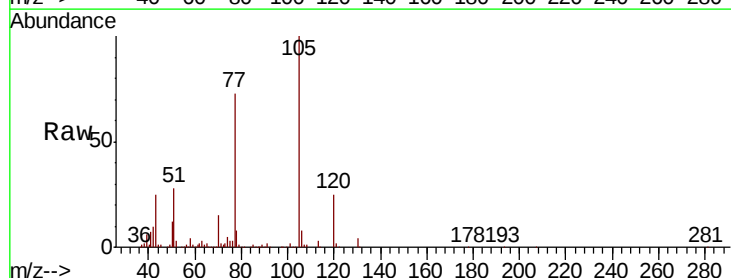
Ion Ratio Lower Upper

105 100

71 2.3 5.9 8.9#

51 27.6 27.7 41.5#

120 25.2 19.3 28.9



Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

Time-->

8.87

300000

250000

200000

150000

100000

50000

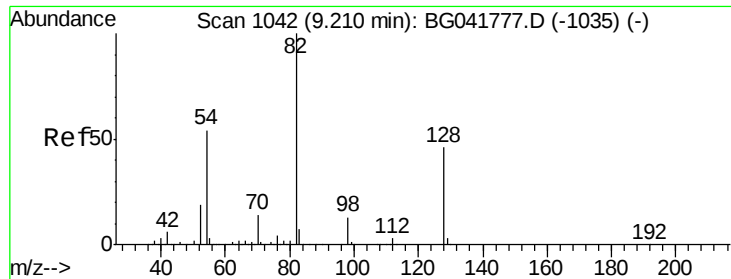
0

8.80

8.85

8.90

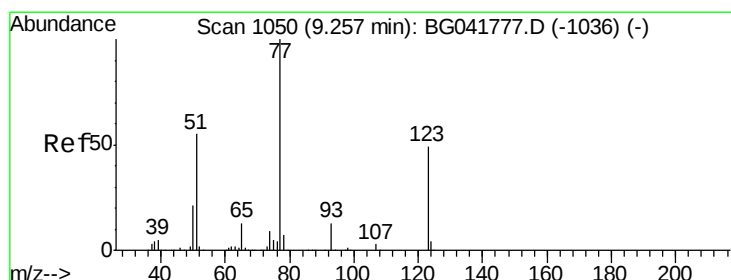
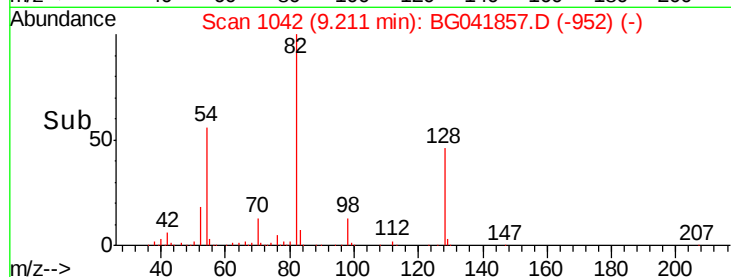
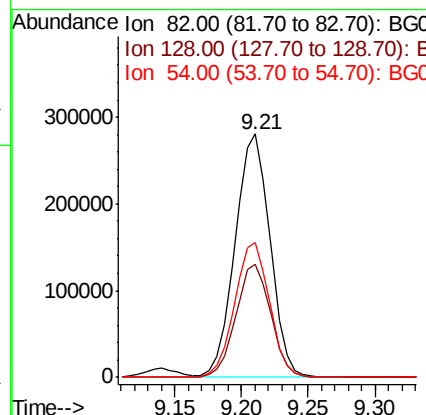
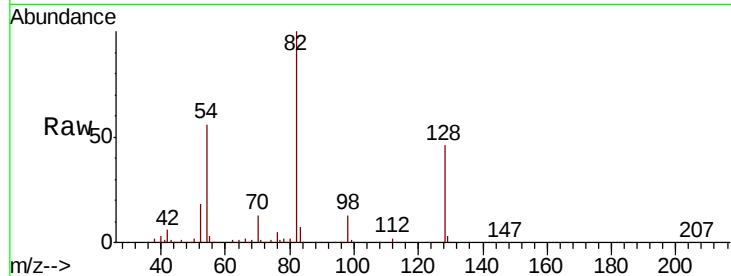
8.95



#23  
 Nitrobenzene-d5  
 Concen: 106.202 ng  
 RT: 9.21 min Scan# 1042  
 Delta R.T. 0.00 min  
 Lab File: BG041857.D  
 Acq: 1 Aug 2019 11:05

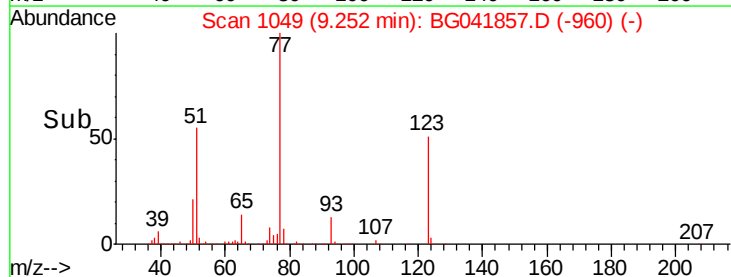
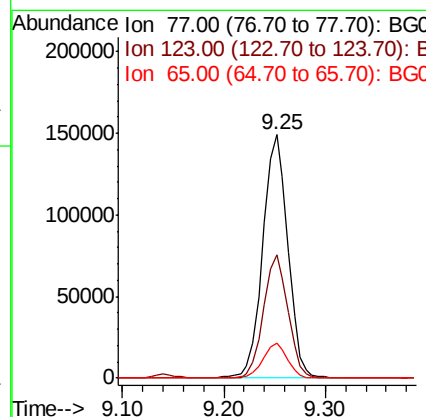
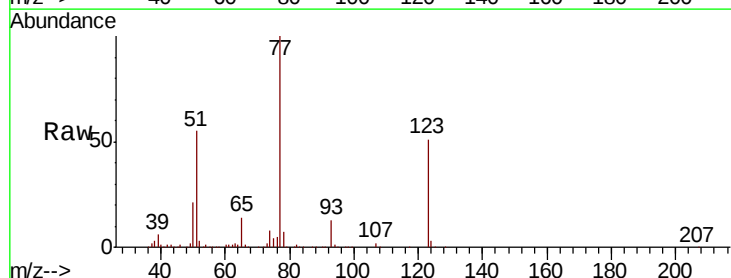
Instrument :  
 BNA\_G  
 ClientSampleId :  
 OK-01-072919MS

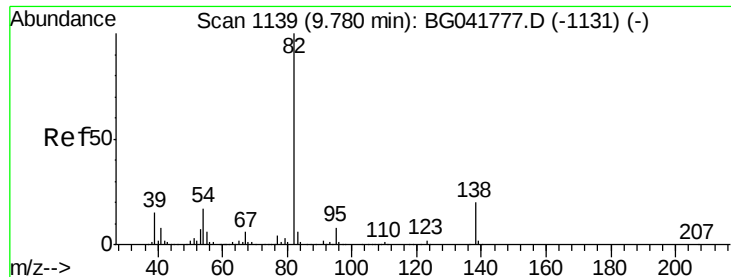
| Tot Ion   | 82.00 | Resp  | 508856 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 128       | 46.4  | 35.1  | 52.7   |
| 54        | 55.6  | 48.7  | 73.1   |



#24  
 Nitrobenzene  
 Concen: 50.654 ng  
 RT: 9.25 min Scan# 1049  
 Delta R.T. -0.01 min  
 Lab File: BG041857.D  
 Acq: 1 Aug 2019 11:05

| Tgt Ion   | 77.00 | Resp  | 255688 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 77        | 100   |       |        |
| 123       | 50.8  | 38.1  | 57.1   |
| 65        | 14.1  | 11.0  | 16.6   |





#25

Isophorone

Concen: 47.467 ng

RT: 9.78 min Scan# 1139

Delta R.T. 0.00 min

Lab File: BG041857.D

Acq: 1 Aug 2019 11:05

Instrument :

BNA\_G

ClientSampleId :

OK-01-072919MS

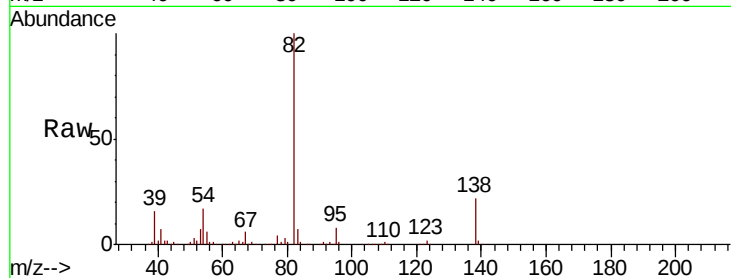
Tot Ion: 82 Resp: 494744

Ion Ratio Lower Upper

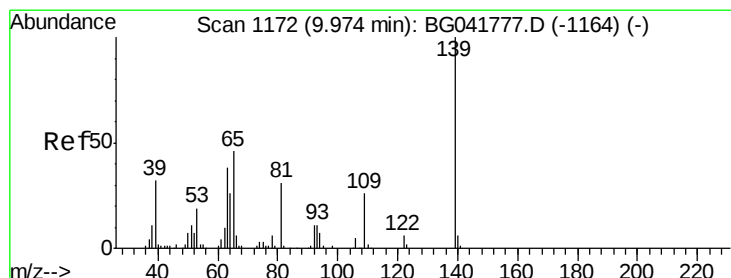
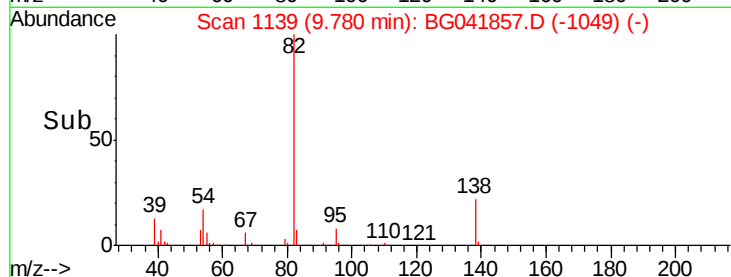
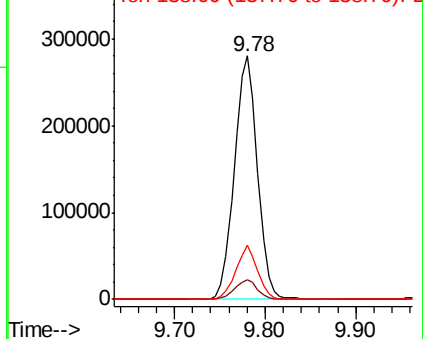
82 100

95 8.0 5.9 8.9

138 22.1 16.3 24.5



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



#26

2-Nitrophenol

Concen: 61.378 ng

RT: 9.97 min Scan# 1171

Delta R.T. -0.01 min

Lab File: BG041857.D

Acq: 1 Aug 2019 11:05

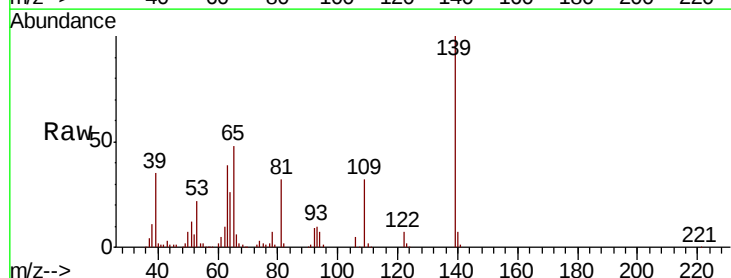
Tgt Ion: 139 Resp: 143793

Ion Ratio Lower Upper

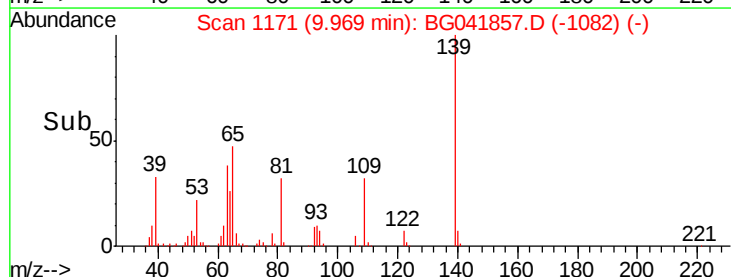
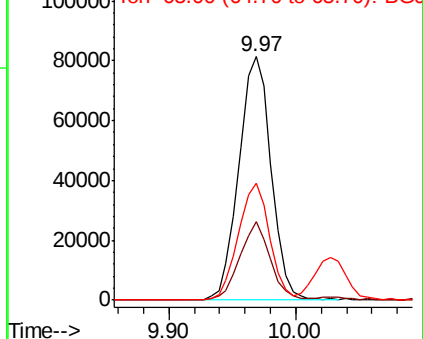
139 100

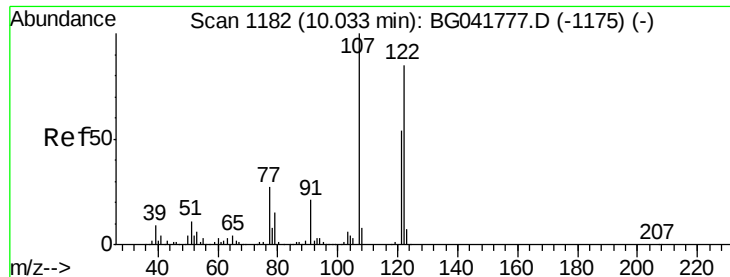
109 32.0 22.7 34.1

65 48.0 41.1 61.7



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

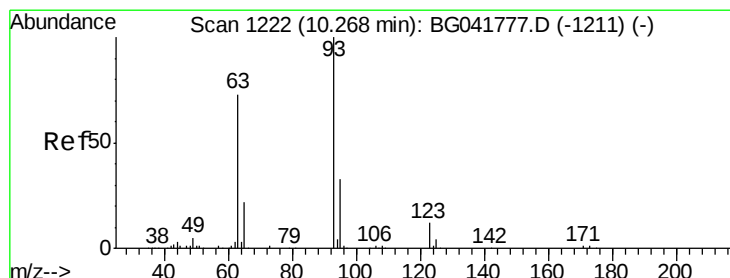
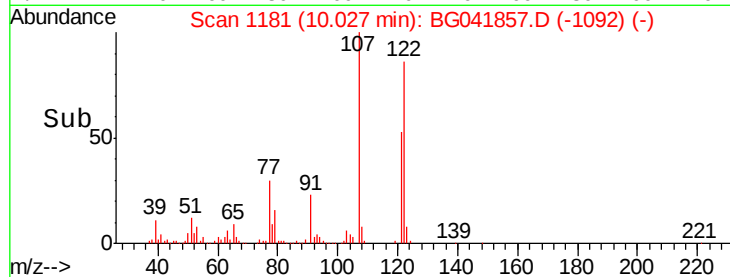
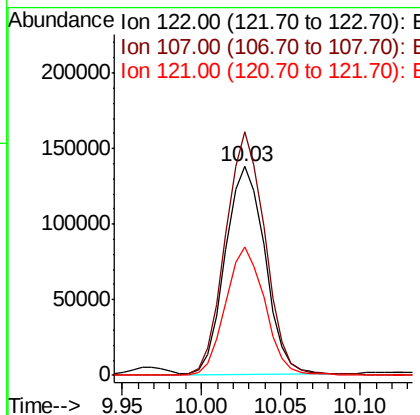
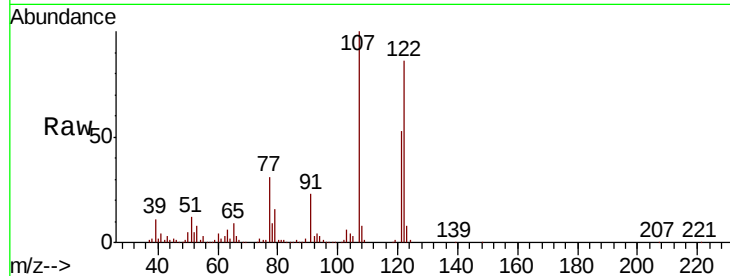




#27  
 2,4-Dimethylphenol  
 Concen: 57.670 ng  
 RT: 10.03 min Scan# 1181  
 Delta R.T. -0.01 min  
 Lab File: BG041857.D  
 Acq: 1 Aug 2019 11:05

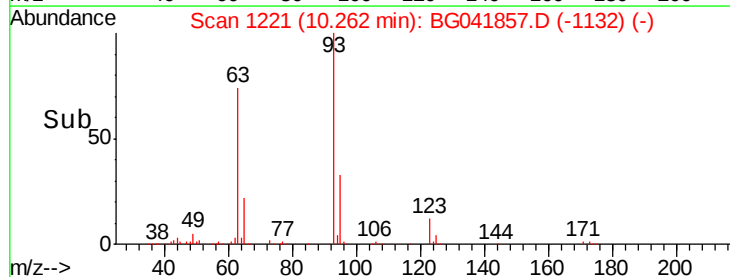
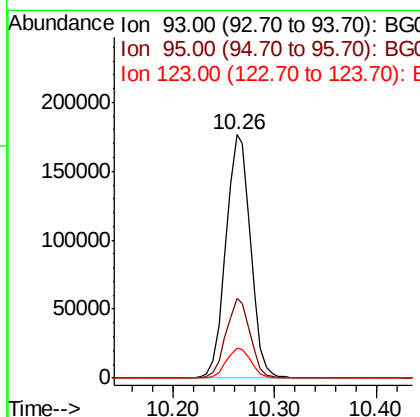
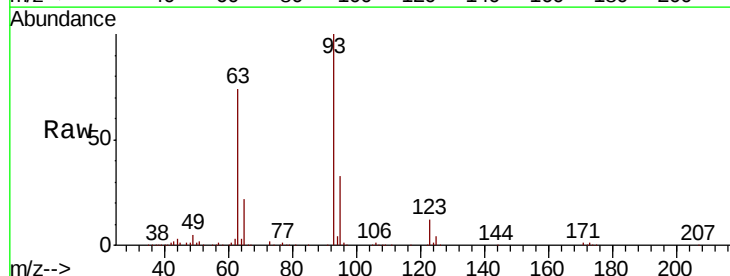
Instrument :  
 BNA\_G  
 ClientSampleId :  
 OK-01-072919MS

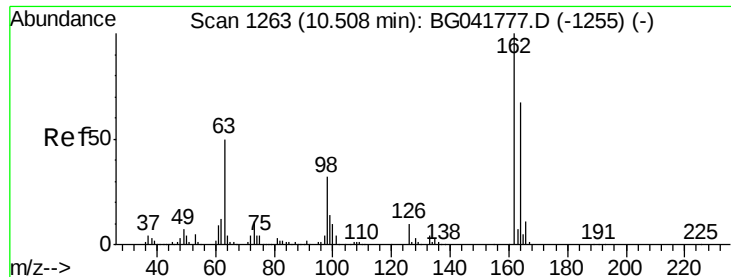
Tot Ion:122 Resp: 238450  
 Ion Ratio Lower Upper  
 122 100  
 107 116.6 91.3 136.9  
 121 61.6 49.2 73.8



#28  
 bis(2-Chloroethoxy)methane  
 Concen: 45.730 ng  
 RT: 10.26 min Scan# 1221  
 Delta R.T. -0.01 min  
 Lab File: BG041857.D  
 Acq: 1 Aug 2019 11:05

Tgt Ion: 93 Resp: 297856  
 Ion Ratio Lower Upper  
 93 100  
 95 32.9 26.2 39.4  
 123 12.3 9.9 14.9

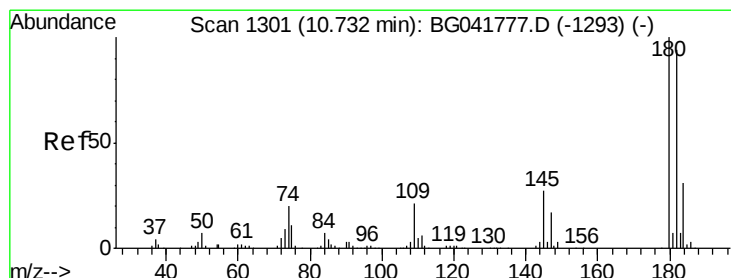
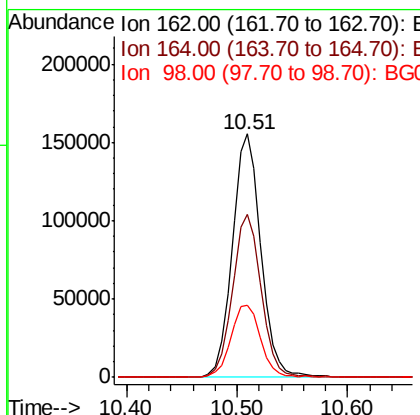
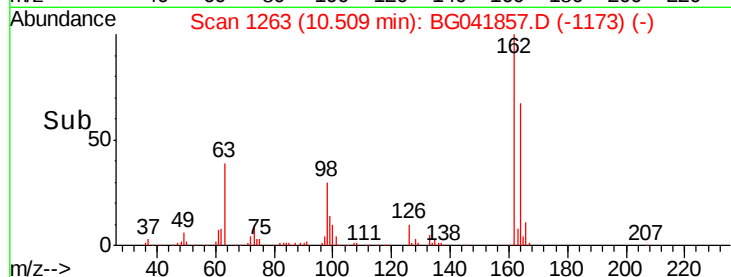
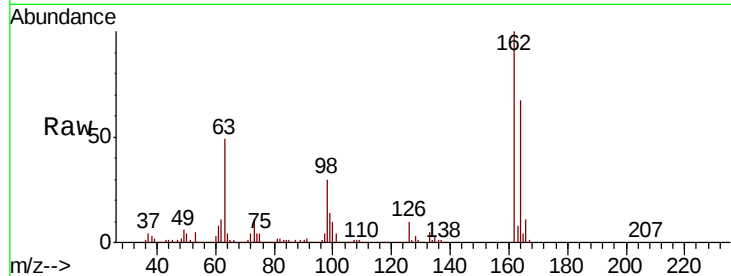




#29  
 2,4-Dichlorophenol  
 Concen: 55.879 ng  
 RT: 10.51 min Scan# 1263  
 Delta R.T. 0.00 min  
 Lab File: BG041857.D  
 Acq: 1 Aug 2019 11:05

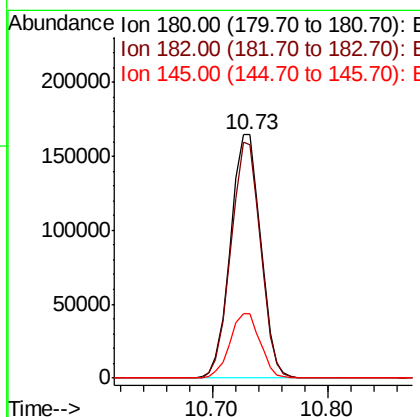
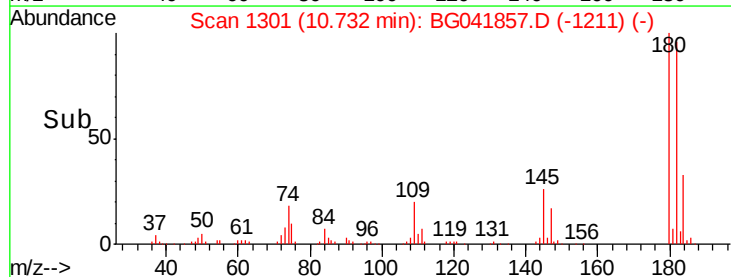
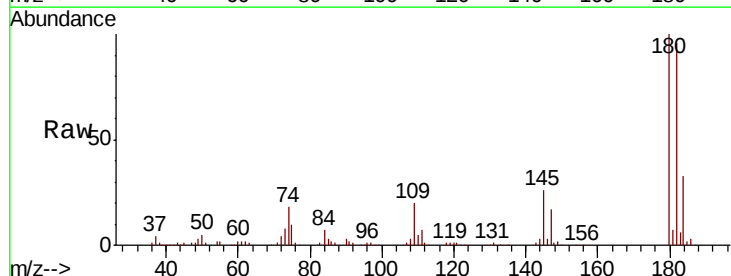
Instrument :  
 BNA\_G  
 ClientSampleId :  
 OK-01-072919MS

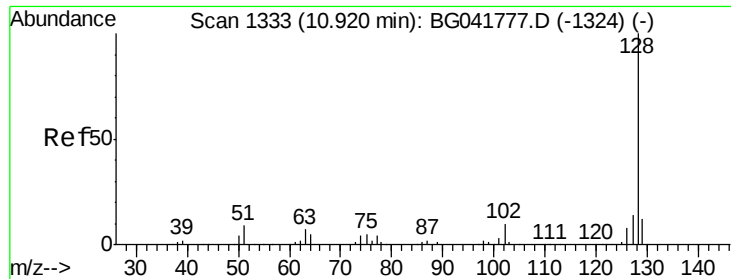
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 66.7  | 46.1  | 86.1  |
| 98      | 29.6  | 14.7  | 54.7  |



#30  
 1,2,4-Trichlorobenzene  
 Concen: 46.897 ng  
 RT: 10.73 min Scan# 1301  
 Delta R.T. 0.00 min  
 Lab File: BG041857.D  
 Acq: 1 Aug 2019 11:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 95.9  | 76.2  | 114.2 |
| 145     | 26.3  | 23.8  | 35.8  |

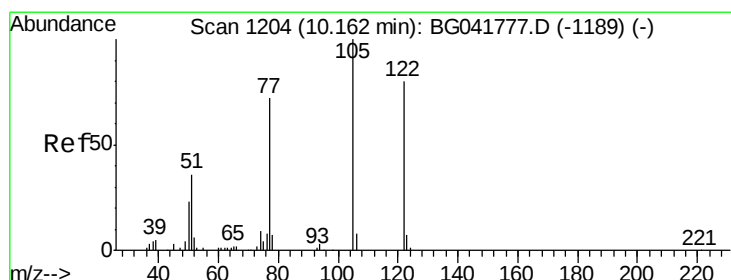
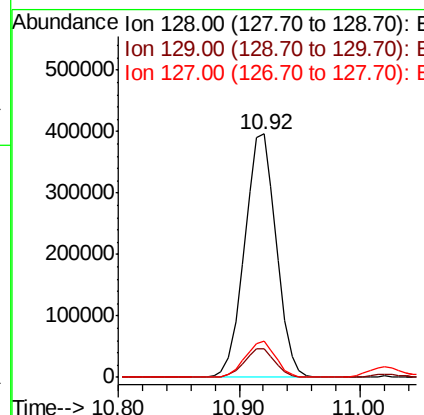
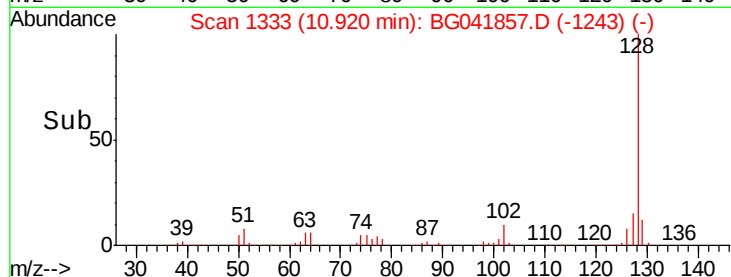
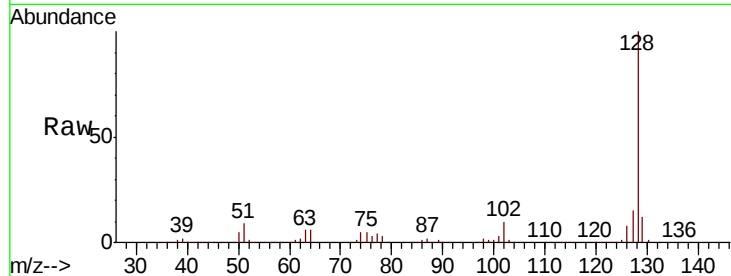




#31  
Naphthalene  
Concen: 47.987 ng  
RT: 10.92 min Scan# 1333  
Delta R.T. 0.00 min  
Lab File: BG041857.D  
Acq: 1 Aug 2019 11:05

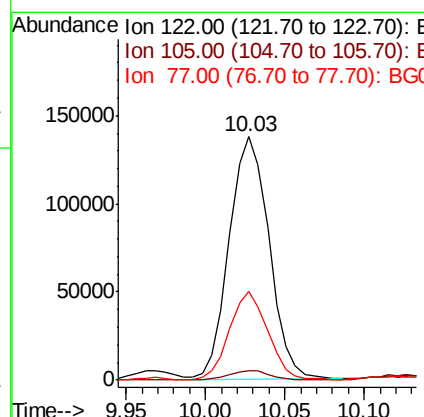
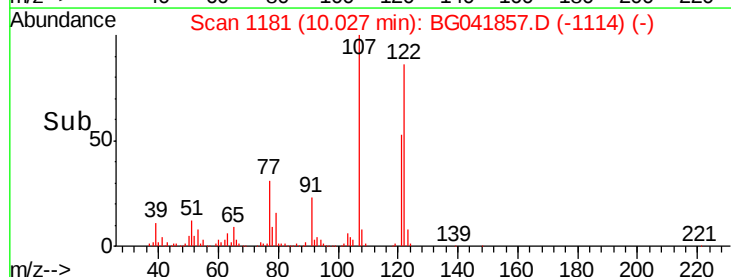
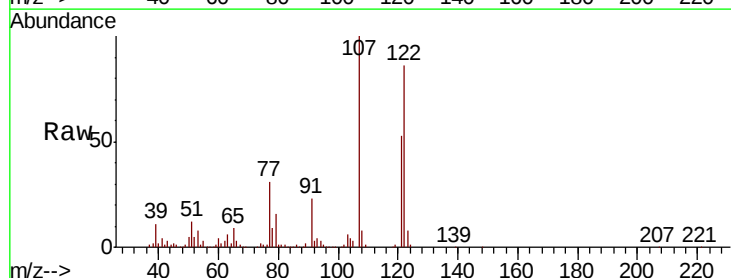
Instrument :  
BNA\_G  
ClientSampleId :  
OK-01-072919MS

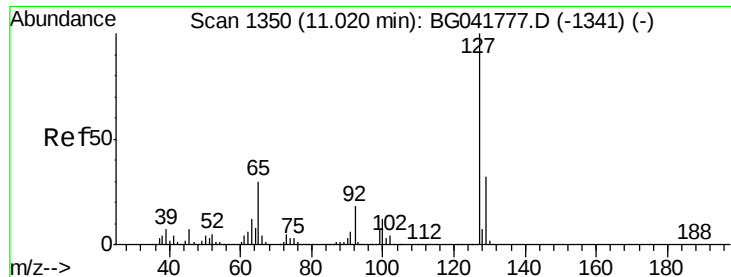
Tot Ion:128 Resp: 724151  
Ion Ratio Lower Upper  
128 100  
129 11.7 10.0 15.0  
127 14.8 12.3 18.5



#32  
Benzoic acid  
Concen: 74.775 ng  
RT: 10.03 min Scan# 1181  
Delta R.T. -0.13 min  
Lab File: BG041857.D  
Acq: 1 Aug 2019 11:05

Tgt Ion:122 Resp: 238450  
Ion Ratio Lower Upper  
122 100  
105 4.0 101.5 141.5#  
77 36.5 73.0 113.0#

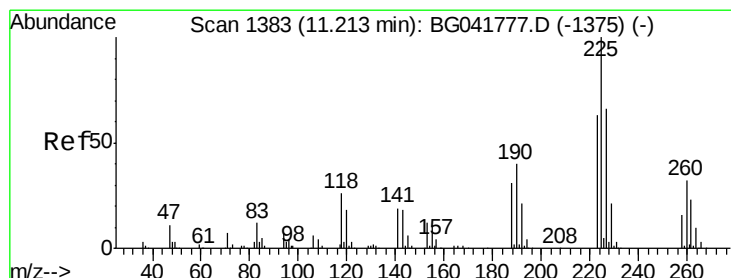
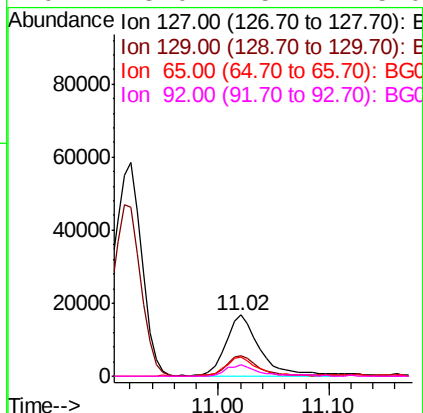
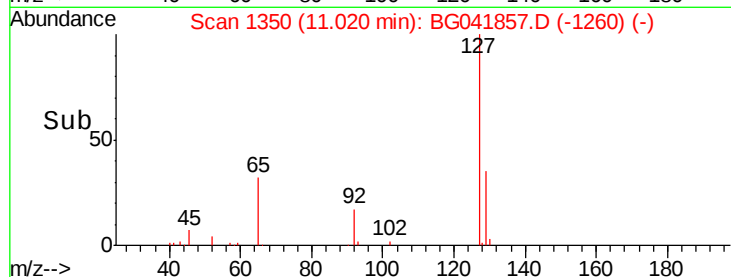
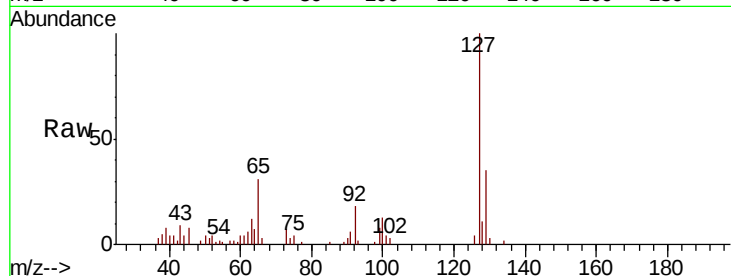




#33  
4-Chloroaniline  
Concen: 5.120 ng  
RT: 11.02 min Scan# 1350  
Delta R.T. 0.00 min  
Lab File: BG041857.D  
Acq: 1 Aug 2019 11:05

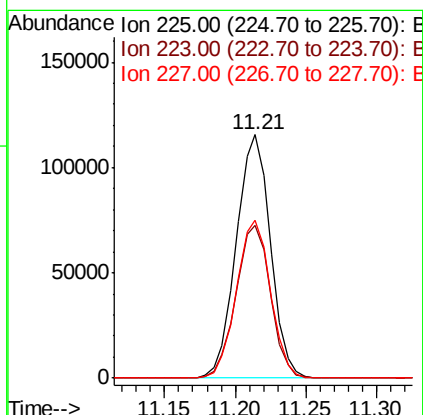
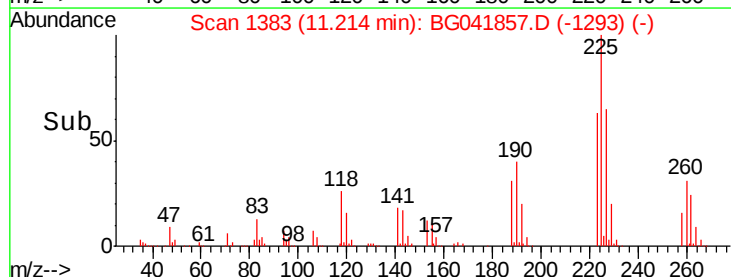
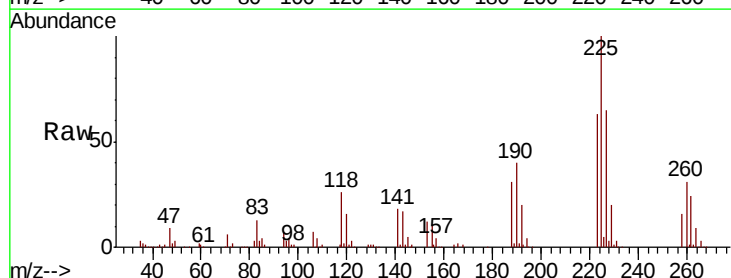
Instrument :  
BNA\_G  
ClientSampleId :  
OK-01-072919MS

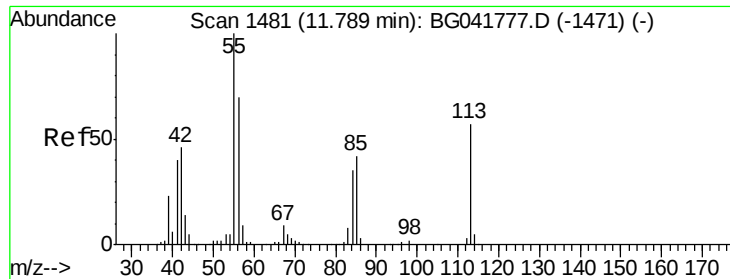
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 127     | 100   |       |       |
| 129     | 34.5  | 25.8  | 38.8  |
| 65      | 31.2  | 26.7  | 40.1  |
| 92      | 18.0  | 15.4  | 23.0  |



#34  
Hexachlorobutadiene  
Concen: 45.284 ng  
RT: 11.21 min Scan# 1383  
Delta R.T. 0.00 min  
Lab File: BG041857.D  
Acq: 1 Aug 2019 11:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 62.9  | 51.1  | 76.7  |
| 227     | 64.9  | 50.9  | 76.3  |

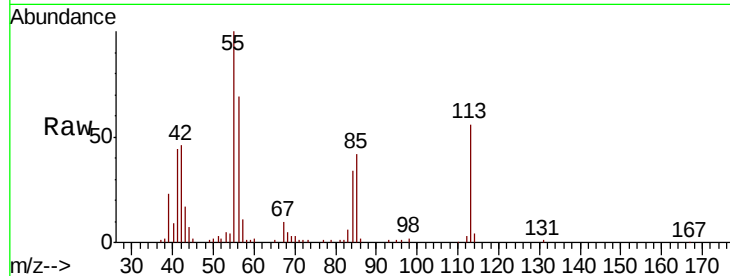




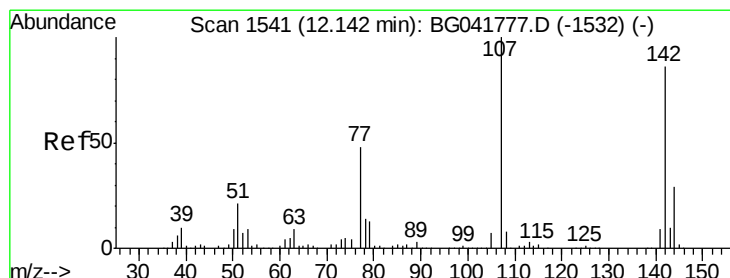
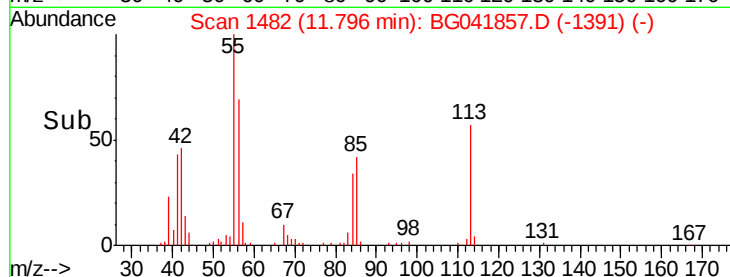
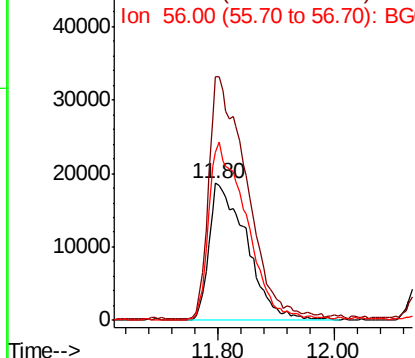
#35  
 Caprolactam  
 Concen: 48.555 ng  
 RT: 11.80 min Scan# 1482  
 Delta R.T. 0.01 min  
 Lab File: BG041857.D  
 Acq: 1 Aug 2019 11:05

Instrument :  
 BNA\_G  
 ClientSampleId :  
 OK-01-072919MS

Tot Ion:113 Resp: 84966  
 Ion Ratio Lower Upper  
 113 100  
 55 177.5 199.4 239.4#  
 56 122.4 133.6 173.6#

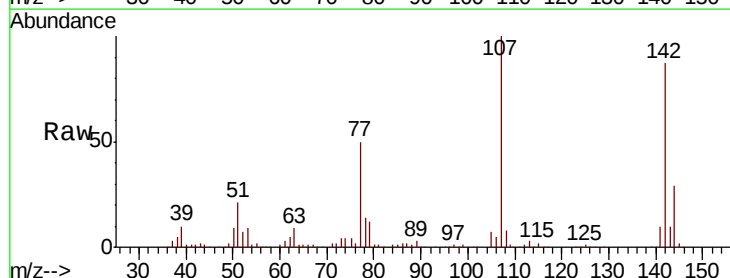


Abundance Ion 113.00 (112.70 to 113.70): E  
 Ion 55.00 (54.70 to 55.70): BG  
 Ion 56.00 (55.70 to 56.70): BG

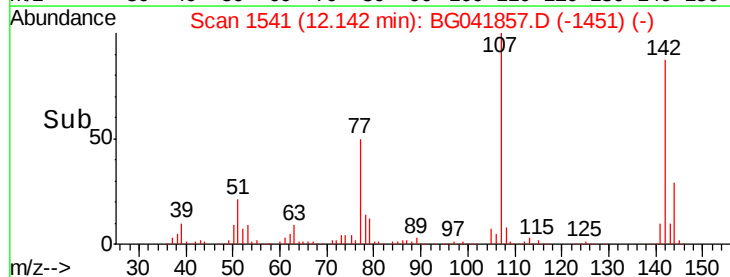
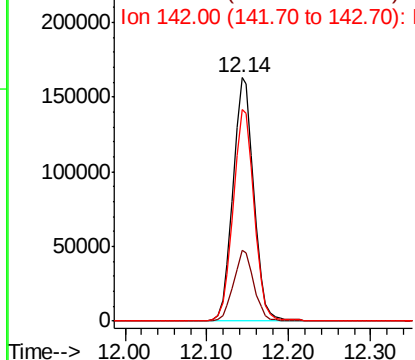


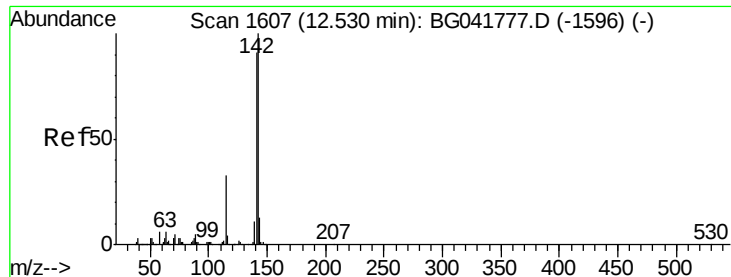
#36  
 4-Chloro-3-methylphenol  
 Concen: 57.964 ng  
 RT: 12.14 min Scan# 1541  
 Delta R.T. 0.00 min  
 Lab File: BG041857.D  
 Acq: 1 Aug 2019 11:05

Tgt Ion:107 Resp: 289358  
 Ion Ratio Lower Upper  
 107 100  
 144 29.3 22.2 33.2  
 142 87.0 67.3 100.9



Abundance Ion 107.00 (106.70 to 107.70): E  
 Ion 144.00 (143.70 to 144.70): E  
 Ion 142.00 (141.70 to 142.70): E

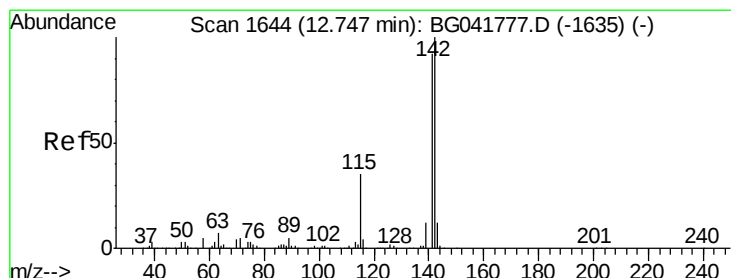
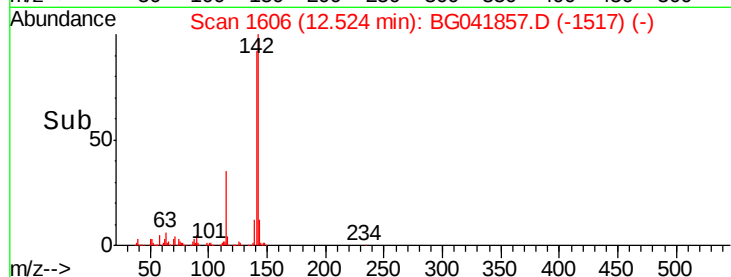
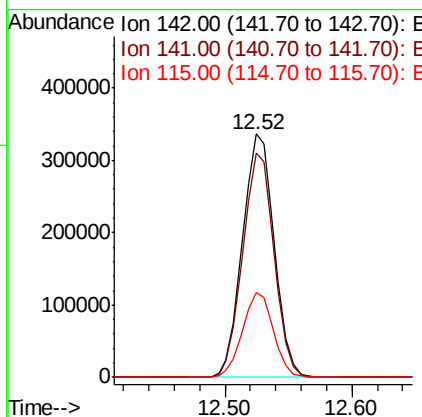
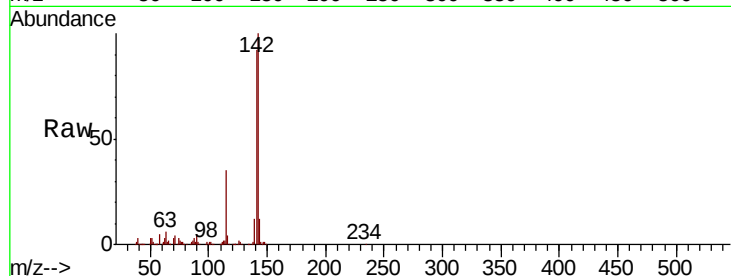




#37  
2-Methylnaphthalene  
Concen: 48.973 ng  
RT: 12.52 min Scan# 1606  
Delta R.T. -0.01 min  
Lab File: BG041857.D  
Acq: 1 Aug 2019 11:05

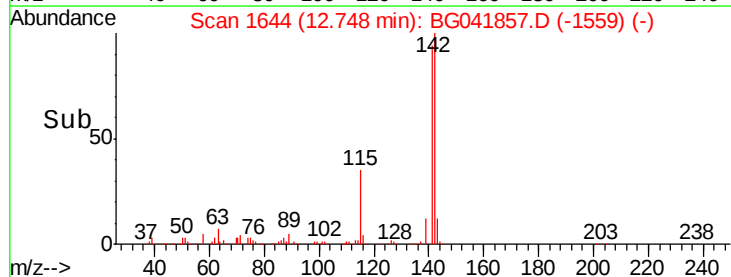
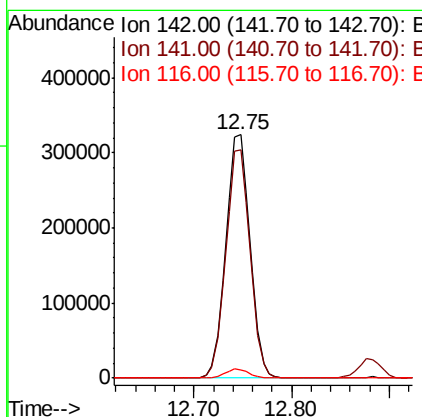
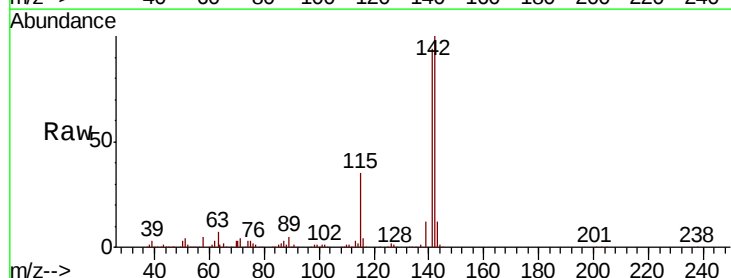
Instrument :  
BNA\_G  
ClientSampleId :  
OK-01-072919MS

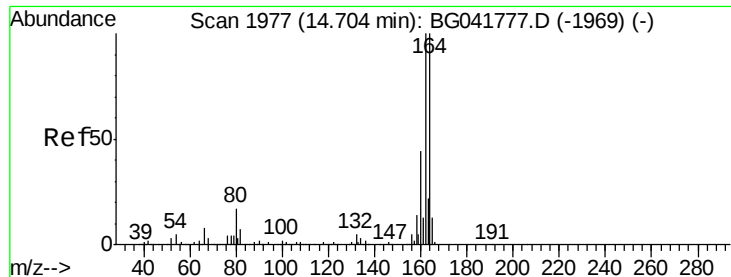
Tot Ion:142 Resp: 584976  
Ion Ratio Lower Upper  
142 100  
141 91.9 72.7 109.1  
115 35.1 27.0 40.4



#38  
1-Methylnaphthalene  
Concen: 49.206 ng  
RT: 12.75 min Scan# 1644  
Delta R.T. 0.00 min  
Lab File: BG041857.D  
Acq: 1 Aug 2019 11:05

Tgt Ion:142 Resp: 557004  
Ion Ratio Lower Upper  
142 100  
141 93.9 75.4 113.2  
116 3.5 3.2 4.8

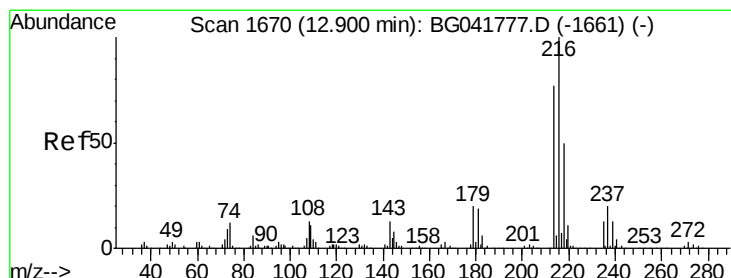
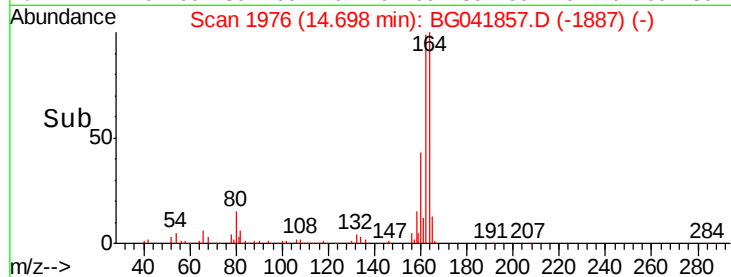
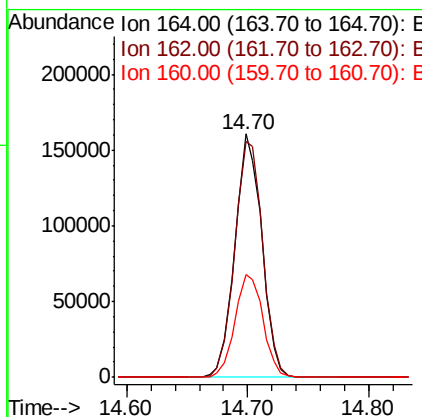
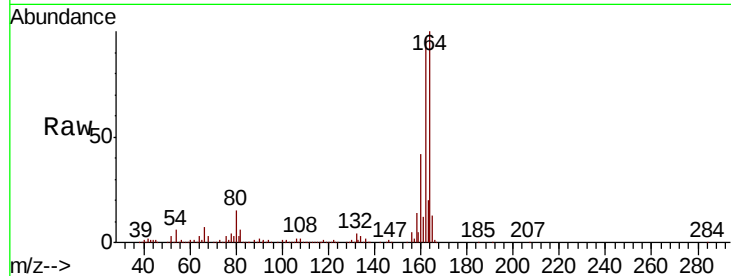




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.70 min Scan# 1976  
Delta R.T. -0.01 min  
Lab File: BG041857.D  
Acq: 1 Aug 2019 11:05

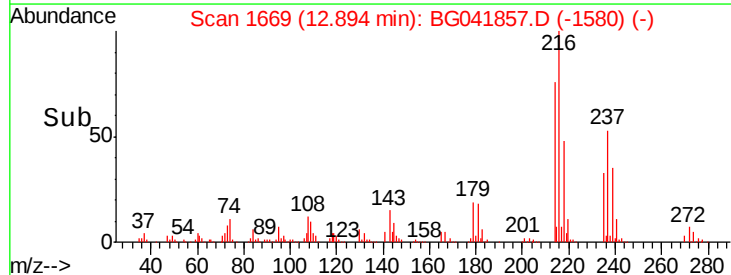
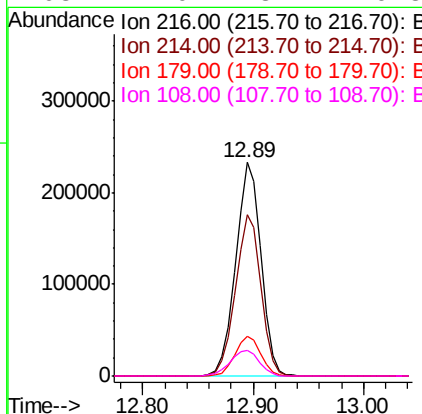
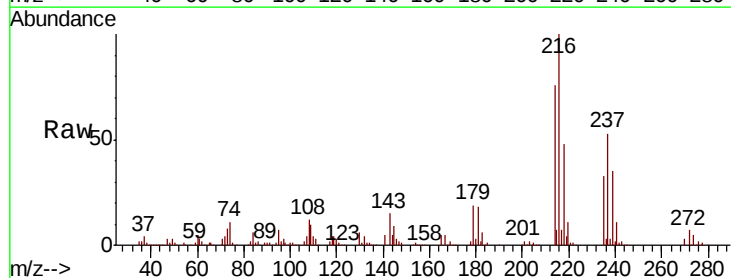
Instrument :  
BNA\_G  
ClientSampleId :  
OK-01-072919MS

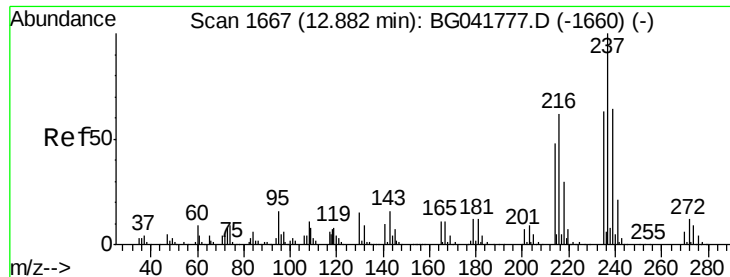
Tot Ion:164 Resp: 249298  
Ion Ratio Lower Upper  
164 100  
162 97.1 79.6 119.4  
160 42.3 35.4 53.0



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 47.474 ng  
RT: 12.89 min Scan# 1669  
Delta R.T. -0.01 min  
Lab File: BG041857.D  
Acq: 1 Aug 2019 11:05

Tgt Ion:216 Resp: 374635  
Ion Ratio Lower Upper  
216 100  
214 75.9 61.5 92.3  
179 18.8 16.2 24.2  
108 14.0 13.2 19.8





#41

Hexachlorocyclopentadiene

Concen: 95.976 ng

RT: 12.88 min Scan# 1667

Delta R.T. 0.00 min

Lab File: BG041857.D

Acq: 1 Aug 2019 11:05

Instrument :

BNA\_G

ClientSampleId :

OK-01-072919MS

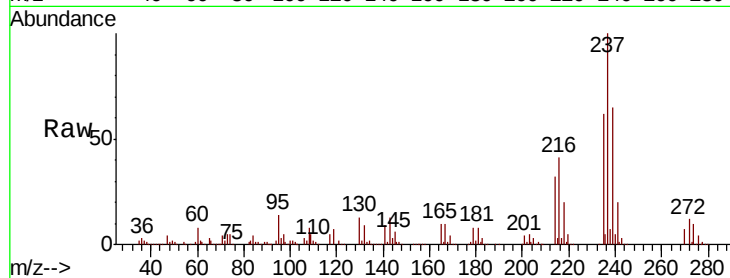
Tot Ion:237 Resp: 425820

Ion Ratio Lower Upper

237 100

235 62.4 43.5 83.5

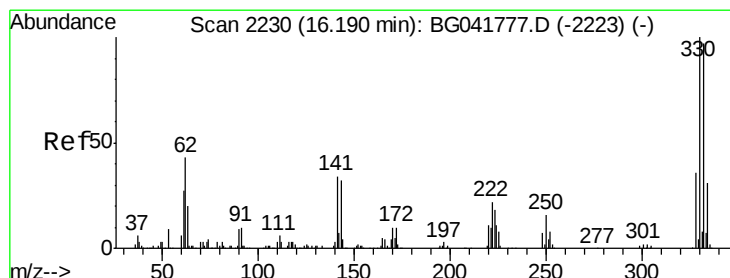
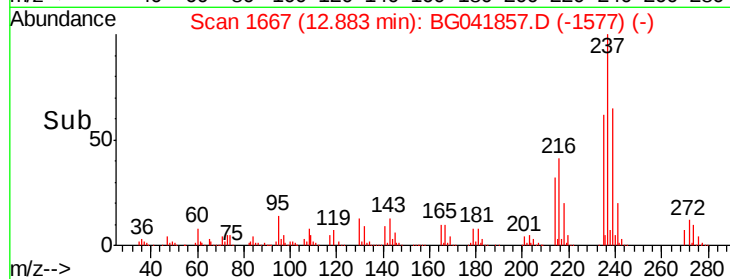
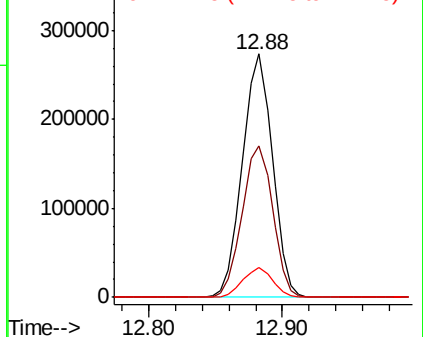
272 12.2 0.0 31.2



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



#42

2,4,6-Tribromophenol

Concen: 179.484 ng

RT: 16.19 min Scan# 2230

Delta R.T. 0.00 min

Lab File: BG041857.D

Acq: 1 Aug 2019 11:05

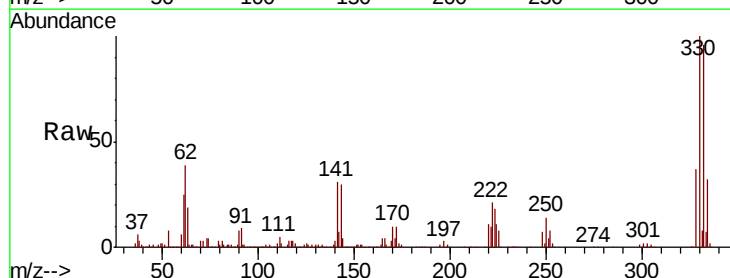
Tgt Ion:330 Resp: 508241

Ion Ratio Lower Upper

330 100

332 96.5 77.4 116.0

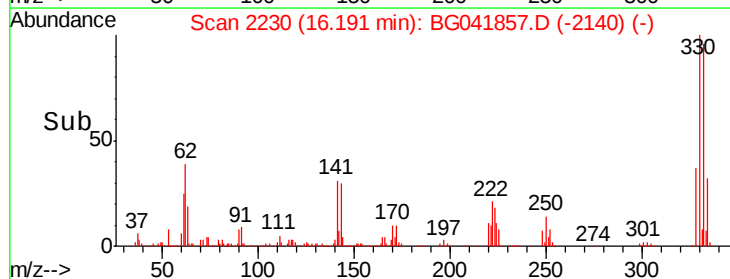
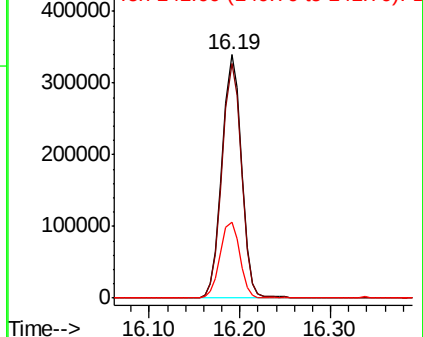
141 31.8 31.9 47.9#



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

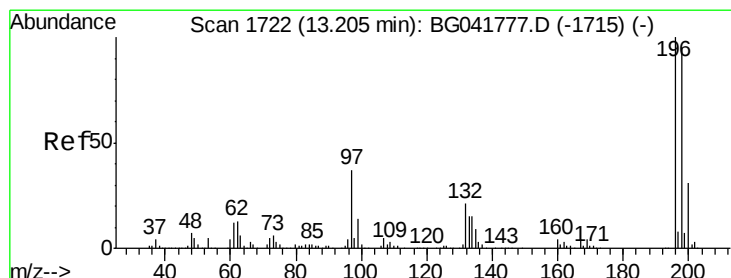
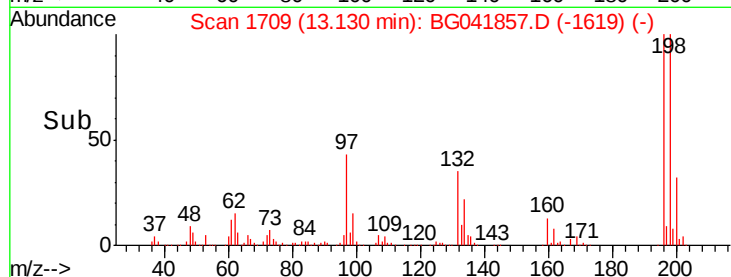
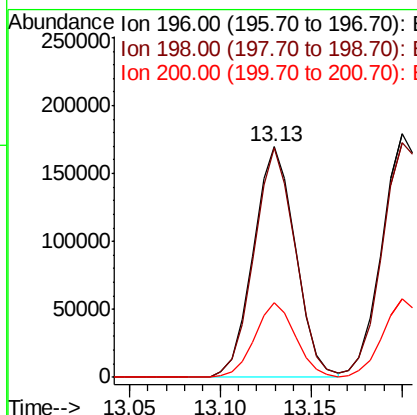
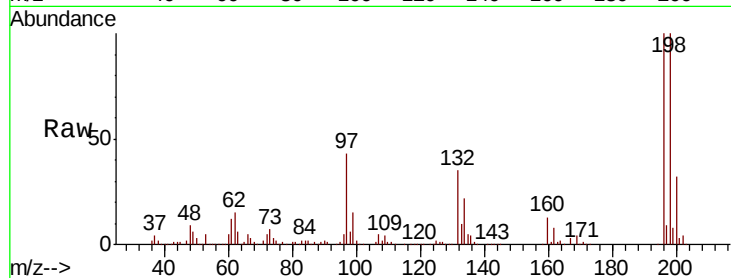




#43  
 2,4,6-Trichlorophenol  
 Concen: 54.815 ng  
 RT: 13.13 min Scan# 1709  
 Delta R.T. 0.00 min  
 Lab File: BG041857.D  
 Acq: 1 Aug 2019 11:05

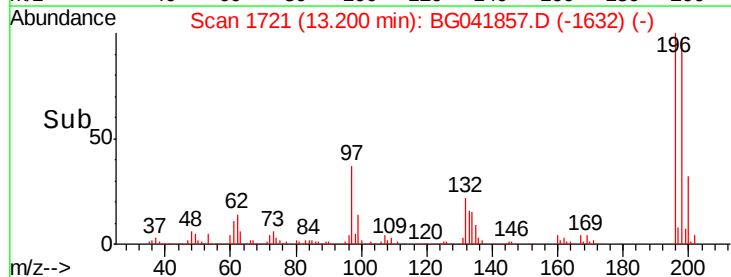
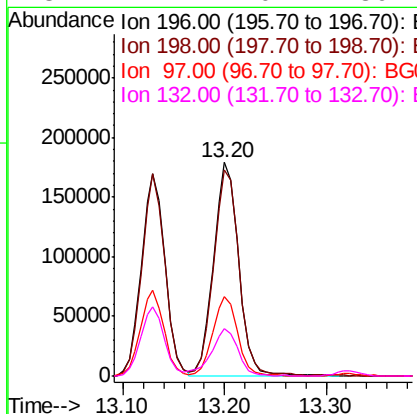
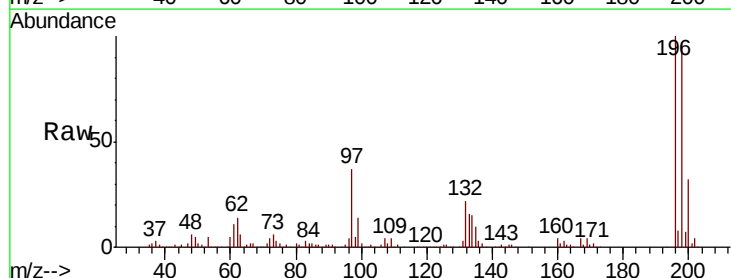
Instrument :  
 BNA\_G  
 ClientSampleId :  
 OK-01-072919MS

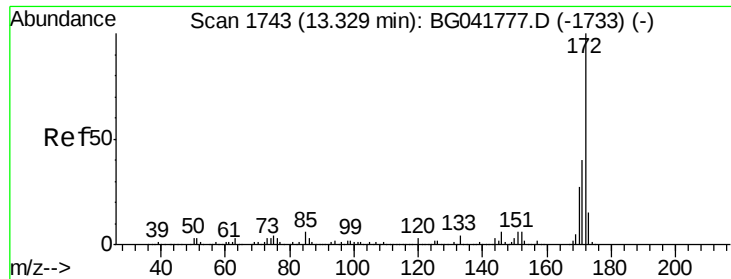
Tot Ion:196 Resp: 273400  
 Ion Ratio Lower Upper  
 196 100  
 198 100.0 79.6 119.4  
 200 32.2 25.2 37.8



#44  
 2,4,5-Trichlorophenol  
 Concen: 58.958 ng  
 RT: 13.20 min Scan# 1721  
 Delta R.T. -0.01 min  
 Lab File: BG041857.D  
 Acq: 1 Aug 2019 11:05

Tgt Ion:196 Resp: 305586  
 Ion Ratio Lower Upper  
 196 100  
 198 96.5 80.6 121.0  
 97 36.9 33.9 50.9  
 132 22.1 20.2 30.2

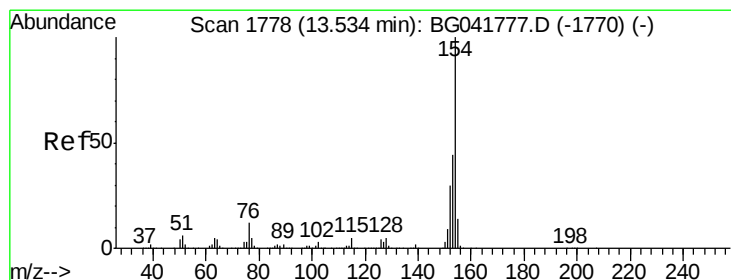
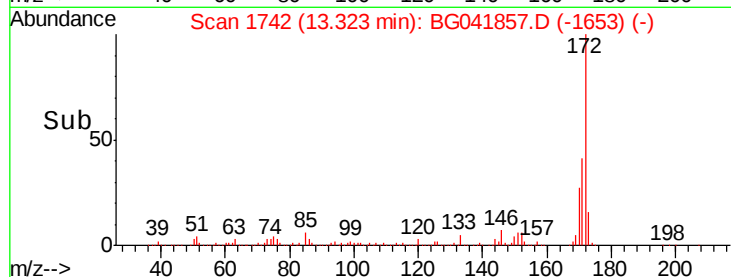
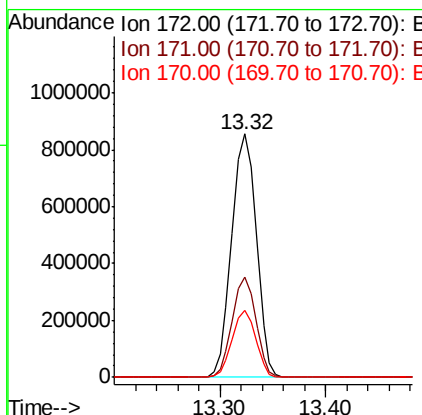
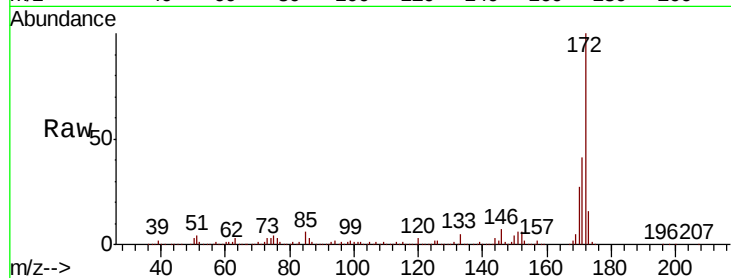




#45  
 2-Fluorobiphenyl  
 Concen: 97.913 ng  
 RT: 13.32 min Scan# 1742  
 Delta R.T. -0.01 min  
 Lab File: BG041857.D  
 Acq: 1 Aug 2019 11:05

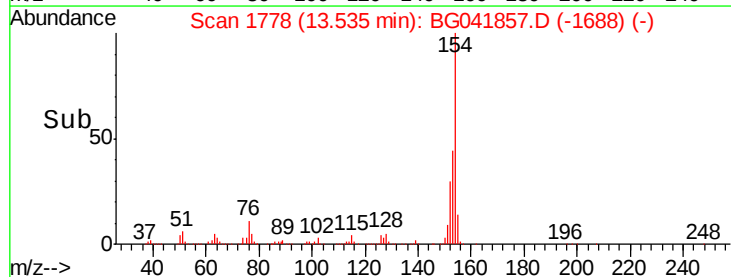
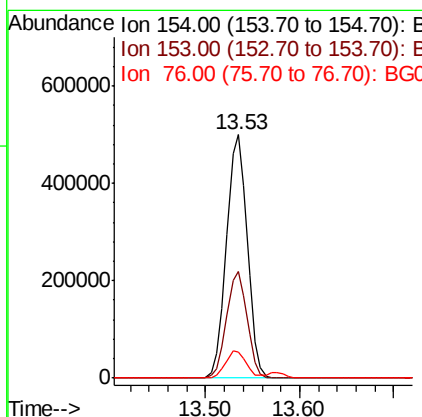
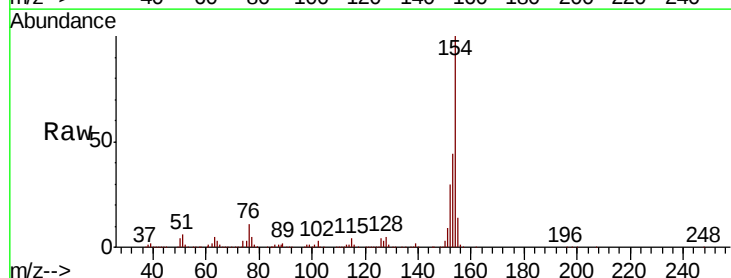
Instrument :  
 BNA\_G  
 ClientSampleId :  
 OK-01-072919MS

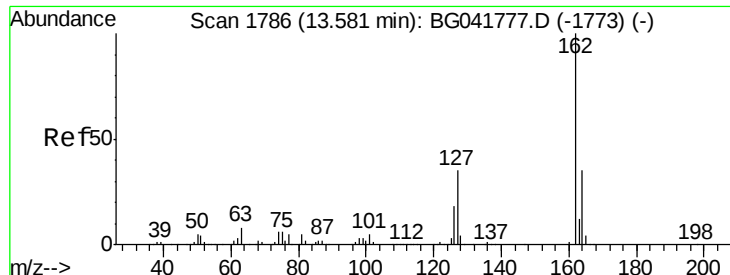
Tot Ion:172 Resp: 1383980  
 Ion Ratio Lower Upper  
 172 100  
 171 41.4 35.0 52.4  
 170 27.4 23.5 35.3



#46  
 1,1'-Biphenyl  
 Concen: 47.878 ng  
 RT: 13.53 min Scan# 1778  
 Delta R.T. 0.00 min  
 Lab File: BG041857.D  
 Acq: 1 Aug 2019 11:05

Tgt Ion:154 Resp: 767276  
 Ion Ratio Lower Upper  
 154 100  
 153 43.7 25.0 65.0  
 76 10.6 0.0 34.5

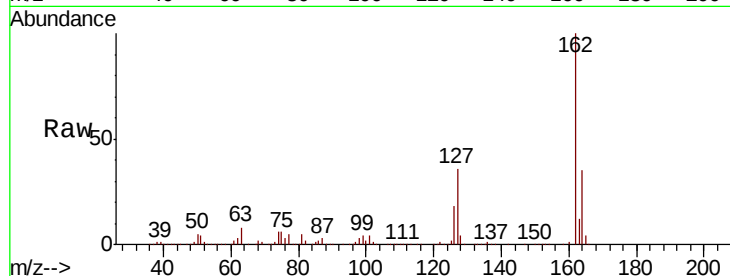




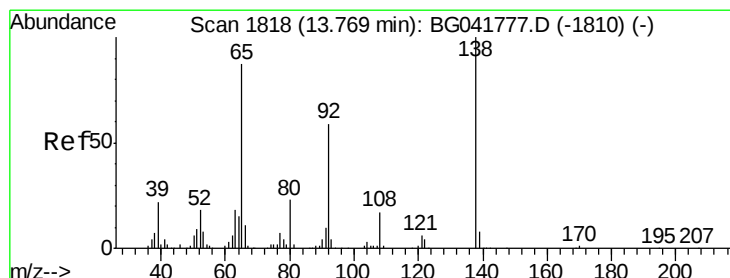
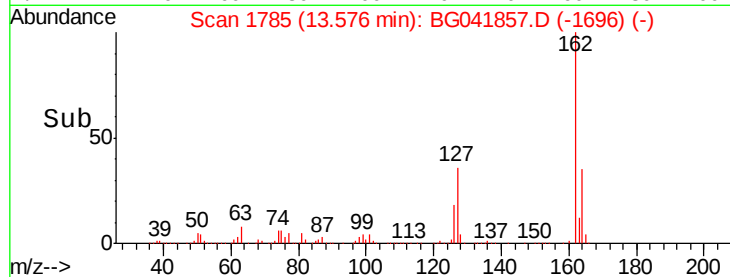
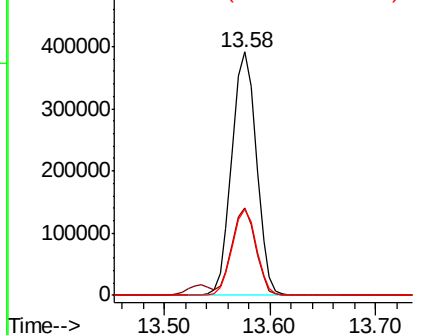
#47  
 2-Chloronaphthalene  
 Concen: 46.217 ng  
 RT: 13.58 min Scan# 1785  
 Delta R.T. -0.01 min  
 Lab File: BG041857.D  
 Acq: 1 Aug 2019 11:05

Instrument :  
 BNA\_G  
 ClientSampleId :  
 OK-01-072919MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 36.1  | 30.4  | 45.6  |
| 164     | 35.4  | 28.6  | 42.8  |

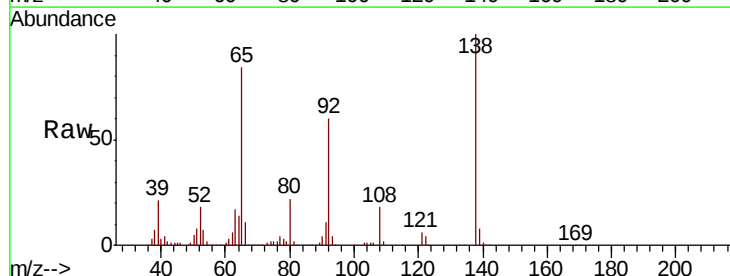


Abundance Ion 162.00 (161.70 to 162.70): E  
 Ion 127.00 (126.70 to 127.70): E  
 Ion 164.00 (163.70 to 164.70): E

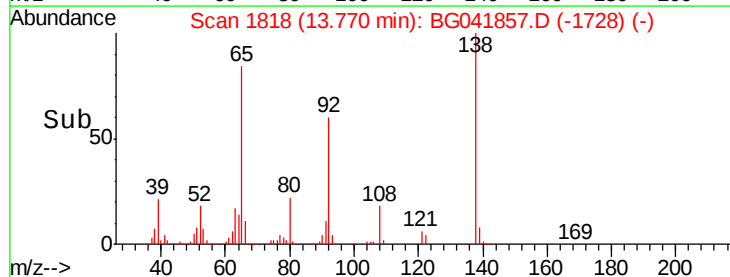
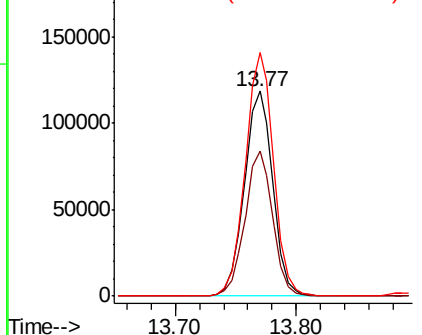


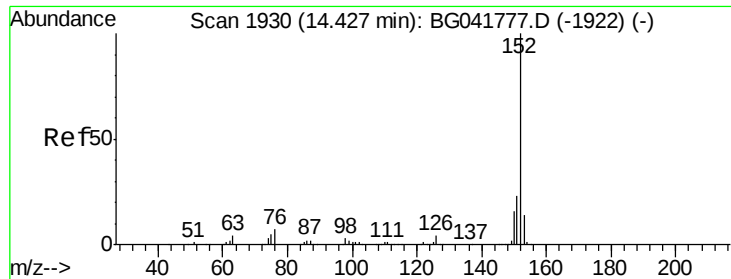
#48  
 2-Nitroaniline  
 Concen: 56.110 ng  
 RT: 13.77 min Scan# 1818  
 Delta R.T. 0.00 min  
 Lab File: BG041857.D  
 Acq: 1 Aug 2019 11:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 71.0  | 53.9  | 80.9  |
| 138     | 118.8 | 83.5  | 125.3 |



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





#49

Acenaphthylene

Concen: 49.584 ng

RT: 14.42 min Scan# 1929

Delta R.T. -0.01 min

Lab File: BG041857.D

Acq: 1 Aug 2019 11:05

Instrument :

BNA\_G

ClientSampleId :

OK-01-072919MS

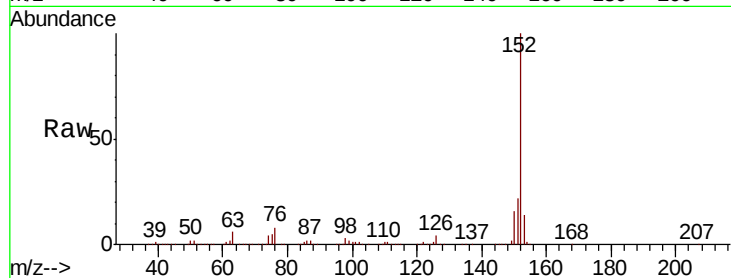
Tot Ion:152 Resp: 1011986

Ion Ratio Lower Upper

152 100

151 22.0 18.7 28.1

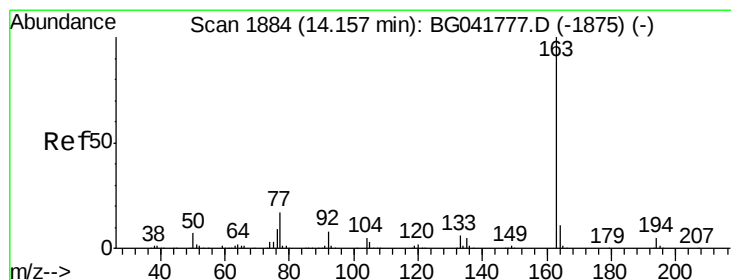
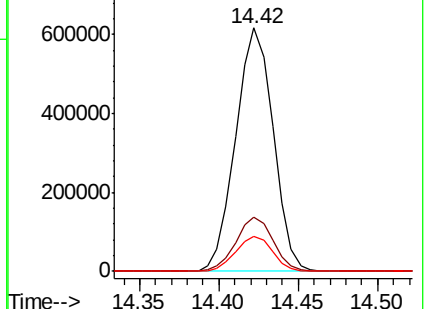
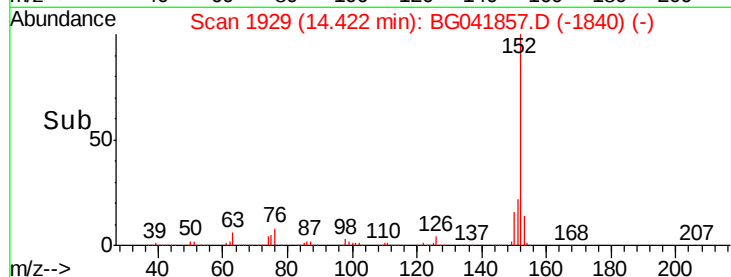
153 14.3 12.4 18.6



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



#50

Dimethylphthalate

Concen: 51.587 ng

RT: 14.15 min Scan# 1883

Delta R.T. -0.01 min

Lab File: BG041857.D

Acq: 1 Aug 2019 11:05

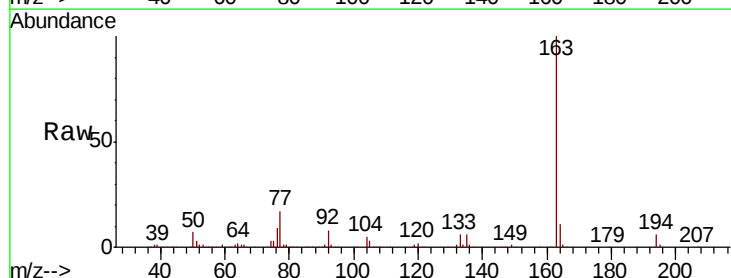
Tgt Ion:163 Resp: 878310

Ion Ratio Lower Upper

163 100

194 5.5 4.2 6.2

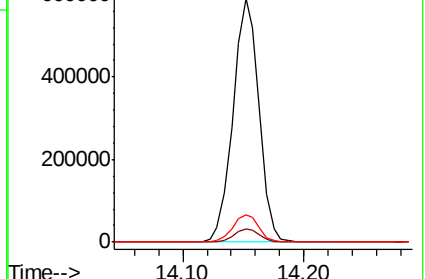
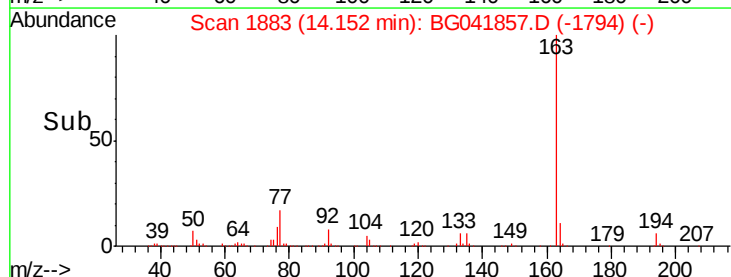
164 11.4 9.4 14.2

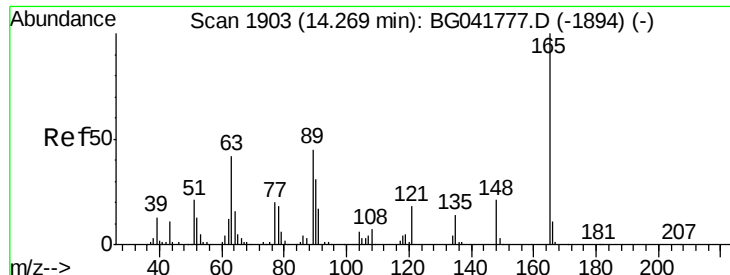


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

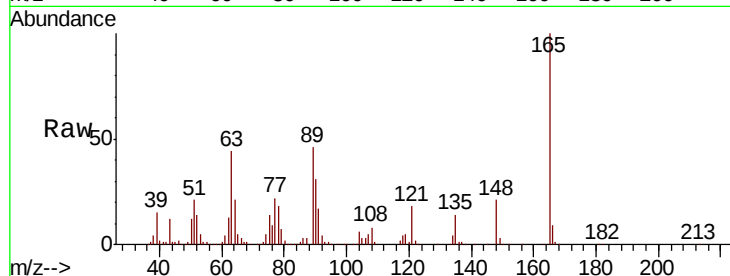




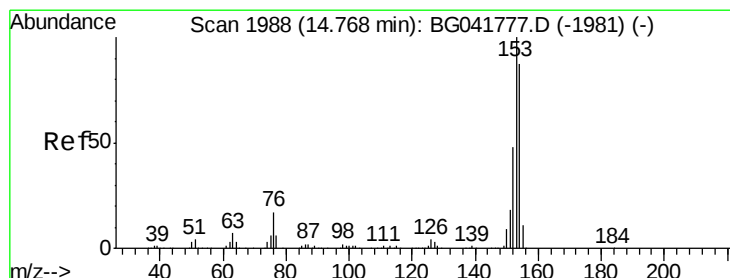
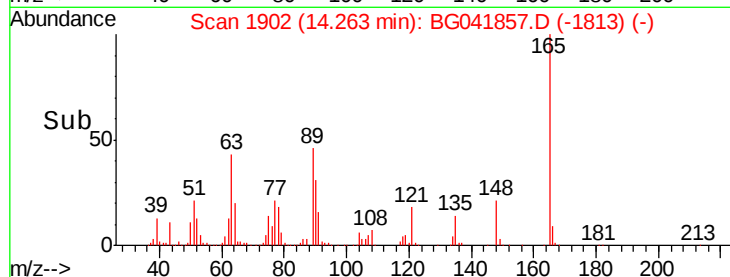
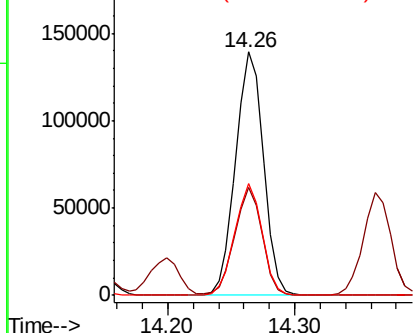
#51  
 2,6-Dinitrotoluene  
 Concen: 59.476 ng  
 RT: 14.26 min Scan# 1902  
 Delta R.T. -0.01 min  
 Lab File: BG041857.D  
 Acq: 1 Aug 2019 11:05

Instrument :  
 BNA\_G  
 ClientSampleId :  
 OK-01-072919MS

Tot Ion:165 Resp: 211744  
 Ion Ratio Lower Upper  
 165 100  
 63 44.1 42.4 63.6  
 89 45.7 42.1 63.1

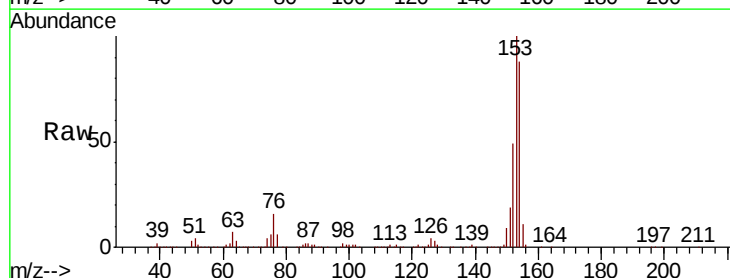


Abundance Ion 165.00 (164.70 to 165.70): E  
 Ion 63.00 (62.70 to 63.70): BG  
 Ion 89.00 (88.70 to 89.70): BG

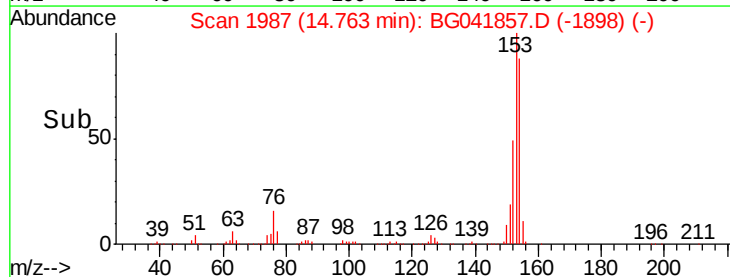
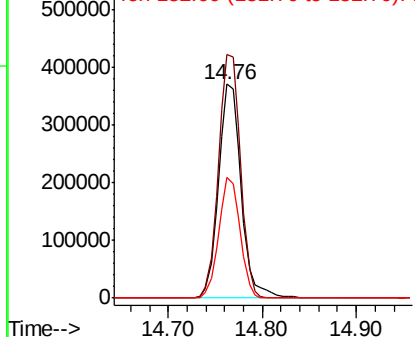


#52  
 Acenaphthene  
 Concen: 47.221 ng  
 RT: 14.76 min Scan# 1987  
 Delta R.T. -0.01 min  
 Lab File: BG041857.D  
 Acq: 1 Aug 2019 11:05

Tgt Ion:154 Resp: 626822  
 Ion Ratio Lower Upper  
 154 100  
 153 113.9 89.8 134.6  
 152 56.3 44.9 67.3



Abundance Ion 154.00 (153.70 to 154.70): E  
 Ion 153.00 (152.70 to 153.70): E  
 Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 19.801 ng

RT: 14.59 min Scan# 1958

Delta R.T. -0.01 min

Lab File: BG041857.D

Acq: 1 Aug 2019 11:05

Instrument :

BNA\_G

ClientSampleId :

OK-01-072919MS

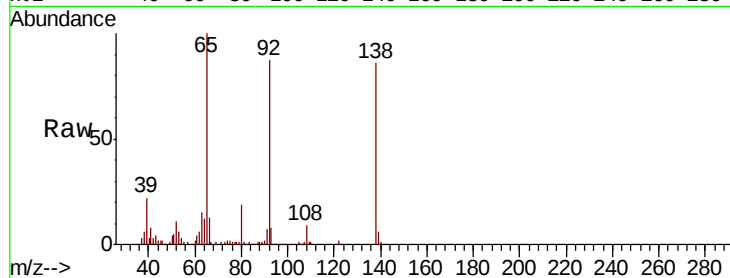
Tot Ion:138 Resp: 75417

Ion Ratio Lower Upper

138 100

108 10.2 10.3 15.5#

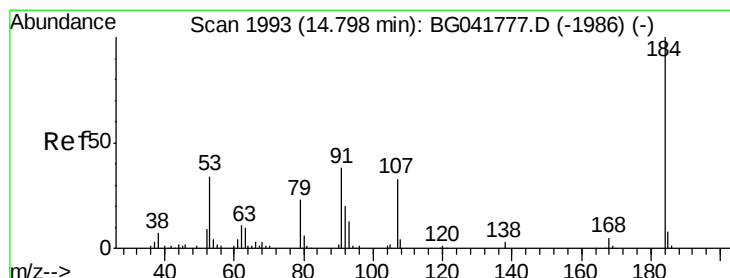
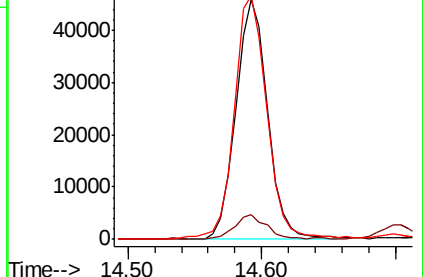
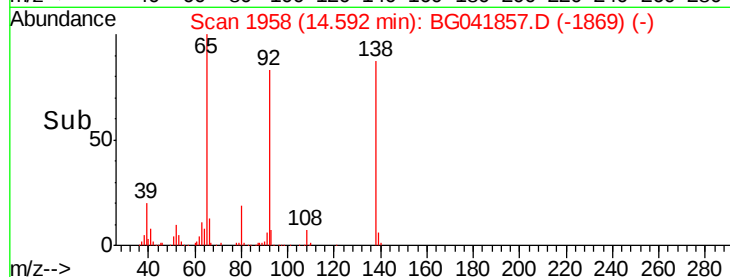
92 101.6 93.0 139.4



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 32.971 ng

RT: 14.80 min Scan# 1993

Delta R.T. 0.00 min

Lab File: BG041857.D

Acq: 1 Aug 2019 11:05

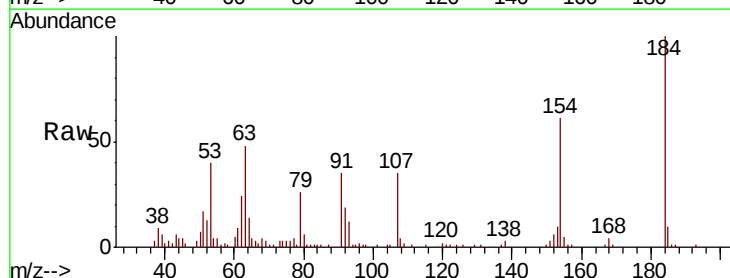
Tgt Ion:184 Resp: 53753

Ion Ratio Lower Upper

184 100

63 47.6 43.2 64.8

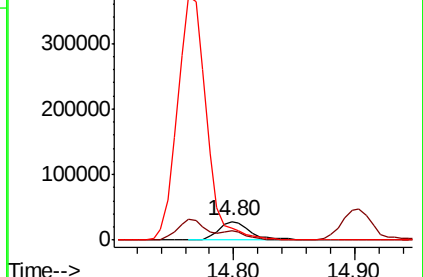
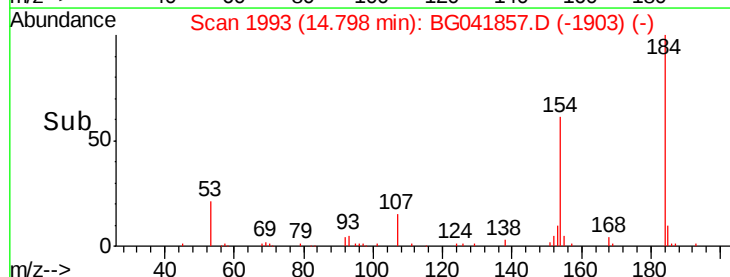
154 61.5 51.4 77.2

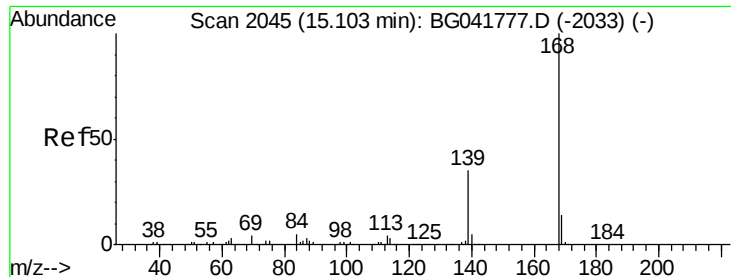


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzenofuran

Concen: 50.066 ng

RT: 15.10 min Scan# 2044

Delta R.T. -0.01 min

Lab File: BG041857.D

Acq: 1 Aug 2019 11:05

Instrument :

BNA\_G

ClientSampleId :

OK-01-072919MS

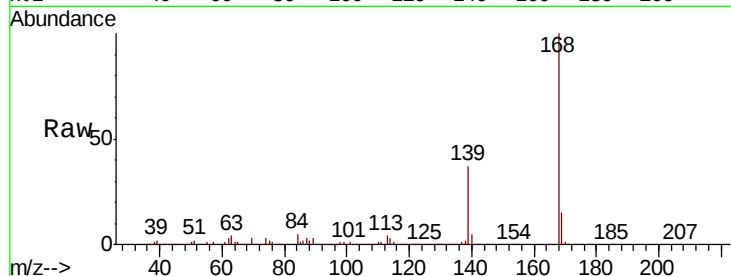
Tot Ion:168 Resp: 1016519

Ion Ratio Lower Upper

168 100

139 37.0 31.9 47.9

169 14.5 12.5 18.7

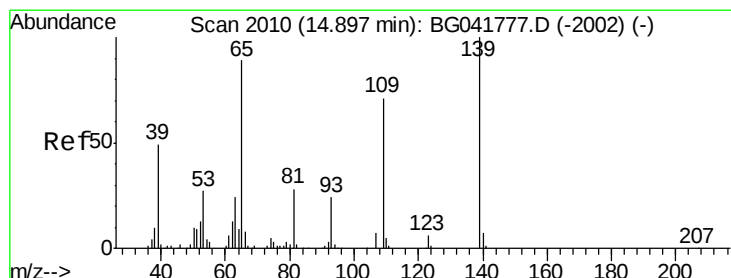
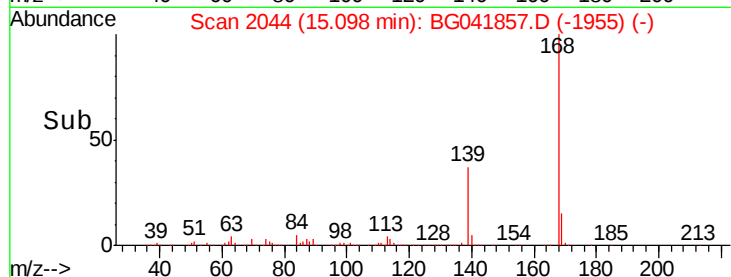
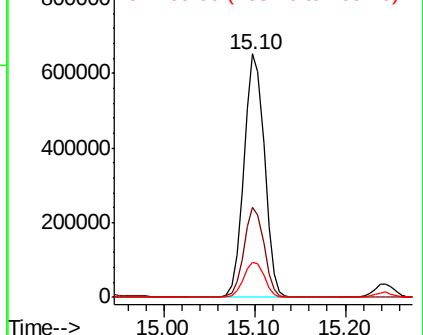


Abundance

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



#56

4-Nitrophenol

Concen: 115.056 ng

RT: 14.90 min Scan# 2011

Delta R.T. 0.01 min

Lab File: BG041857.D

Acq: 1 Aug 2019 11:05

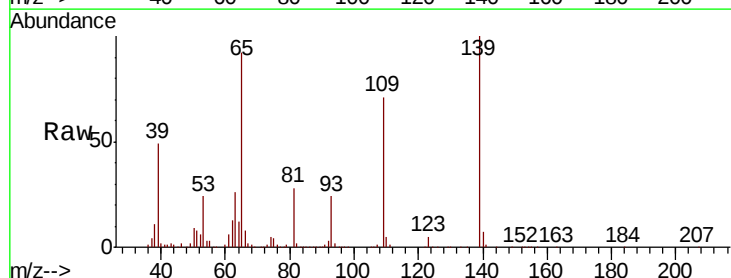
Tgt Ion:139 Resp: 332638

Ion Ratio Lower Upper

139 100

109 71.3 51.3 91.3

65 91.6 77.6 117.6

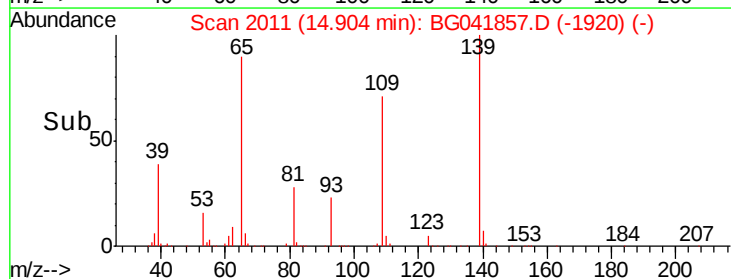
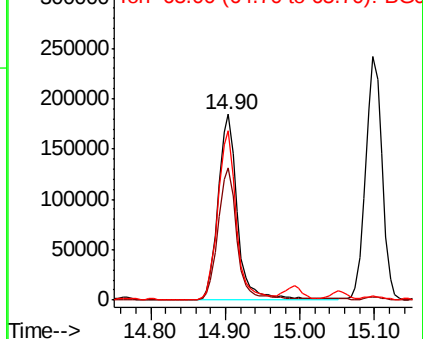


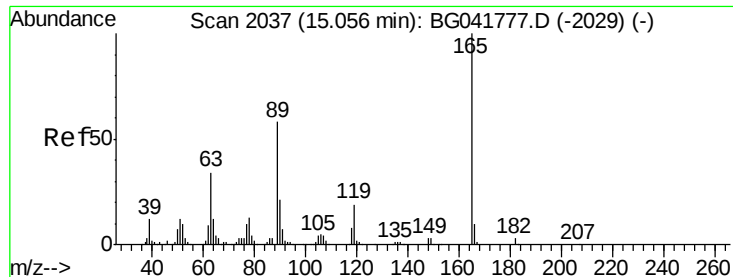
Abundance

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

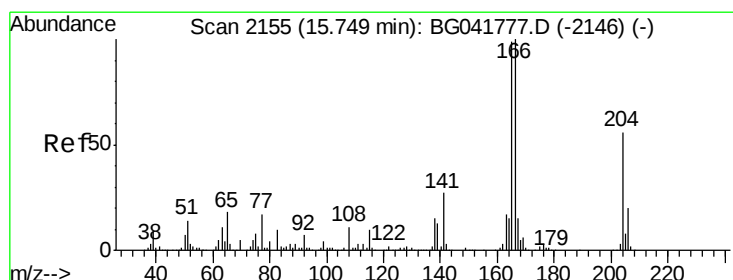
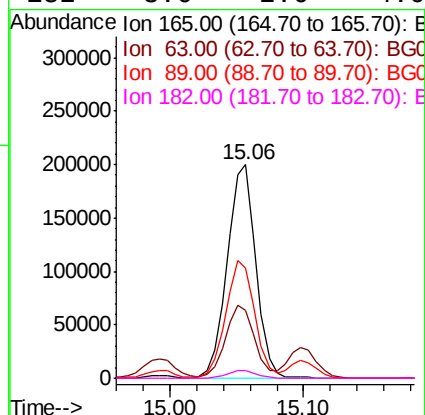
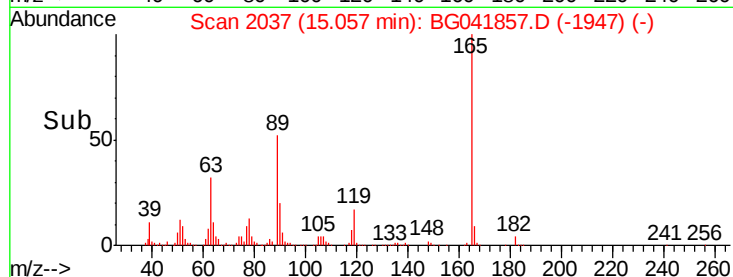
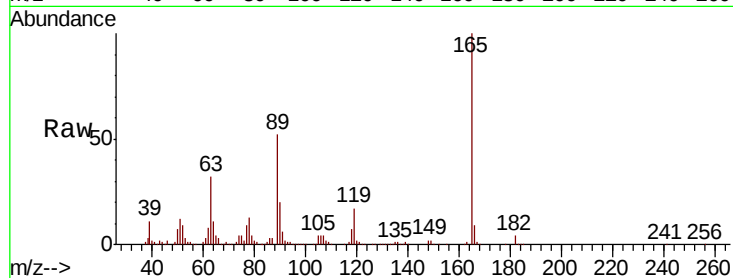




#57  
2,4-Dinitrotoluene  
Concen: 61.011 ng  
RT: 15.06 min Scan# 2037  
Delta R.T. 0.00 min  
Lab File: BG041857.D  
Acq: 1 Aug 2019 11:05

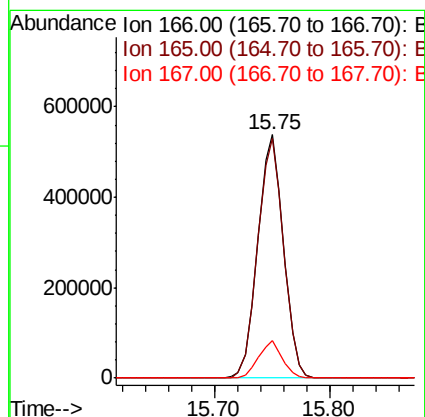
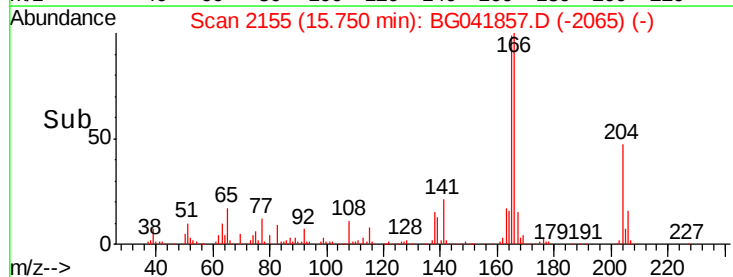
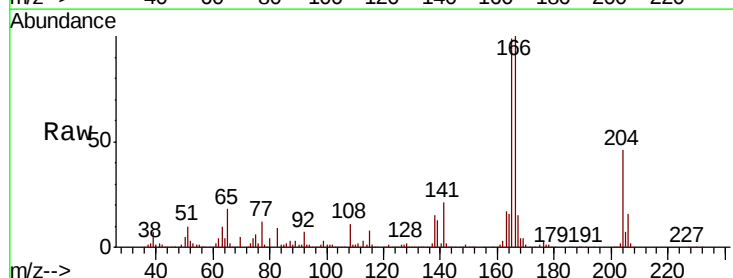
Instrument :  
BNA\_G  
ClientSampleId :  
OK-01-072919MS

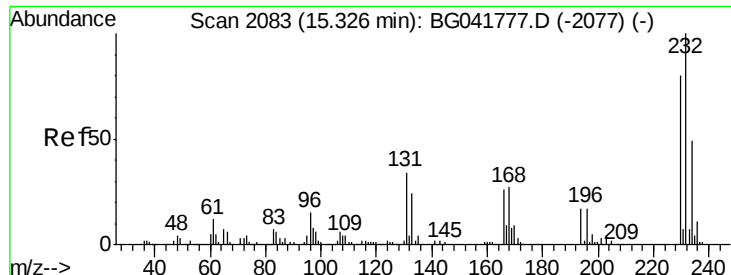
Tot Ion:165 Resp: 298707  
Ion Ratio Lower Upper  
165 100  
63 32.0 31.7 47.5  
89 51.6 50.2 75.4  
182 3.6 2.6 4.0



#58  
Fluorene  
Concen: 51.293 ng  
RT: 15.75 min Scan# 2155  
Delta R.T. 0.00 min  
Lab File: BG041857.D  
Acq: 1 Aug 2019 11:05

Tgt Ion:166 Resp: 835749  
Ion Ratio Lower Upper  
166 100  
165 98.5 80.5 120.7  
167 15.2 12.4 18.6

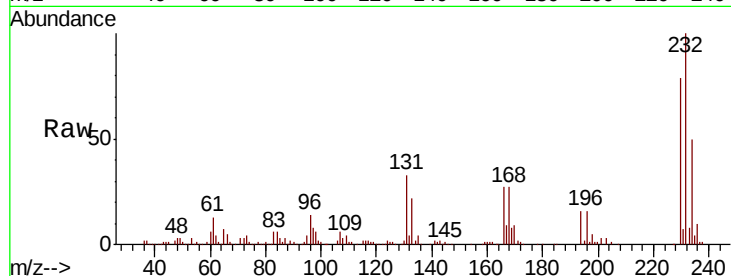




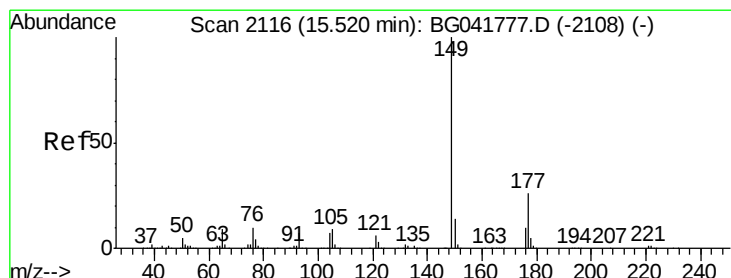
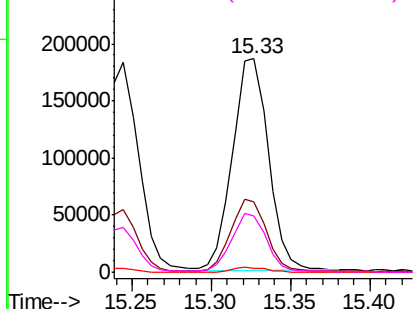
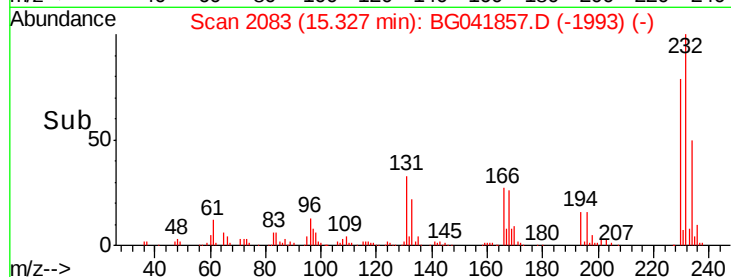
#59  
 2,3,4,6-Tetrachlorophenol  
 Concen: 56.977 ng  
 RT: 15.33 min Scan# 2083  
 Delta R.T. 0.00 min  
 Lab File: BG041857.D  
 Acq: 1 Aug 2019 11:05

Instrument :  
 BNA\_G  
 ClientSampleId :  
 OK-01-072919MS

|             |       |           |
|-------------|-------|-----------|
| Tot Ion:232 | Resp: | 292486    |
| Ion Ratio   | Lower | Upper     |
| 232         | 100   |           |
| 131         | 34.3  | 31.8 47.6 |
| 130         | 2.3   | 1.8 2.8   |
| 166         | 27.4  | 23.5 35.3 |

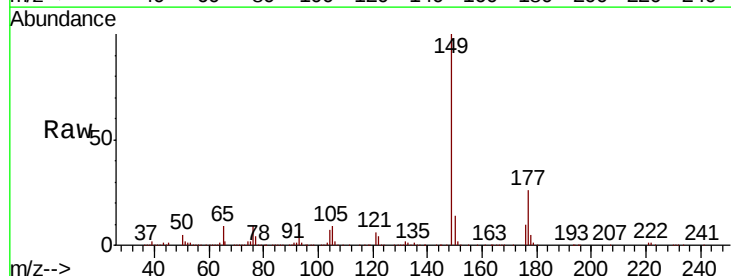


Abundance Ion 232.00 (231.70 to 232.70): E  
 Ion 131.00 (130.70 to 131.70): E  
 Ion 130.00 (129.70 to 130.70): E  
 Ion 166.00 (165.70 to 166.70): E

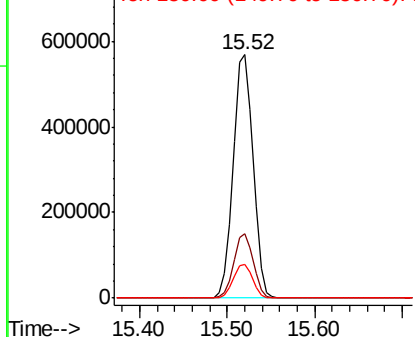
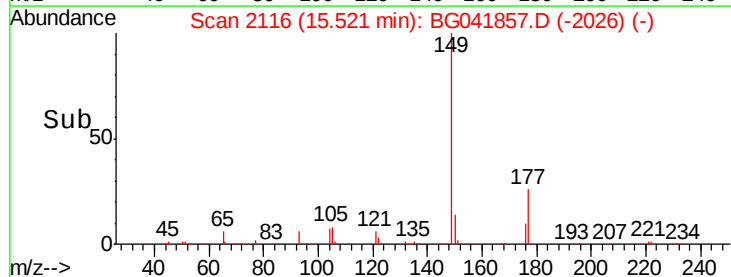


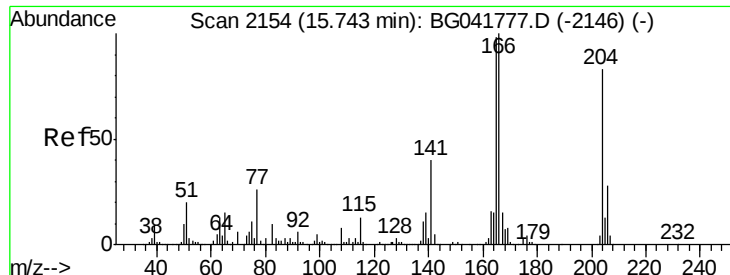
#60  
 Diethylphthalate  
 Concen: 52.174 ng  
 RT: 15.52 min Scan# 2116  
 Delta R.T. 0.00 min  
 Lab File: BG041857.D  
 Acq: 1 Aug 2019 11:05

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:149 | Resp: | 872112    |
| Ion Ratio   | Lower | Upper     |
| 149         | 100   |           |
| 177         | 26.3  | 20.7 31.1 |
| 150         | 13.9  | 11.5 17.3 |



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

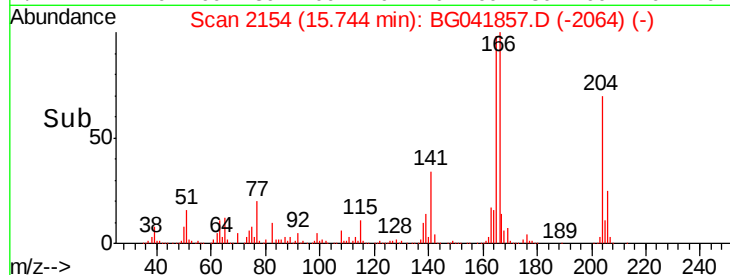
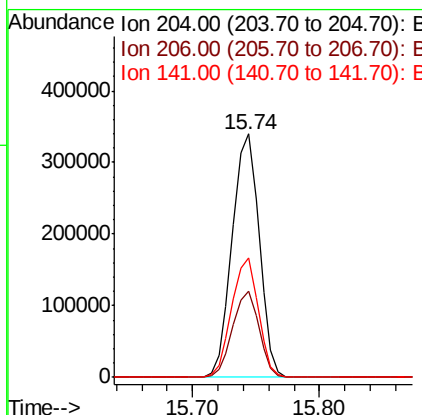
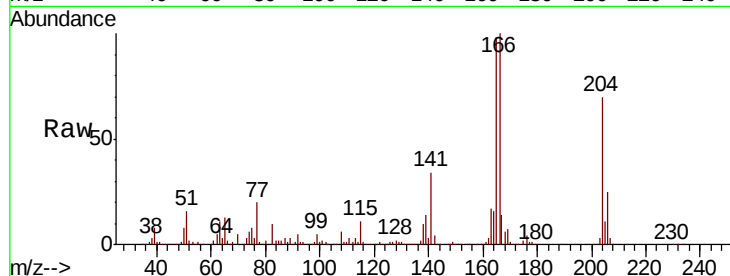




#61  
 4-Chlorophenyl-phenylether  
 Concen: 50.241 ng  
 RT: 15.74 min Scan# 2154  
 Delta R.T. 0.00 min  
 Lab File: BG041857.D  
 Acq: 1 Aug 2019 11:05

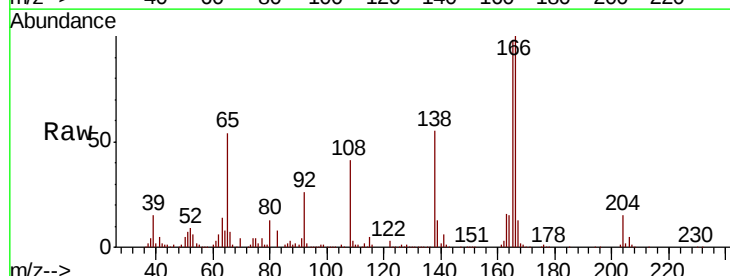
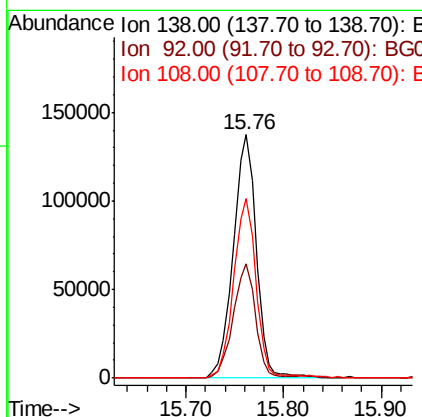
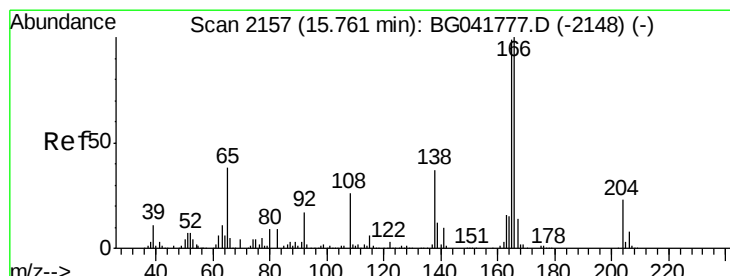
Instrument :  
 BNA\_G  
 ClientSampleId :  
 OK-01-072919MS

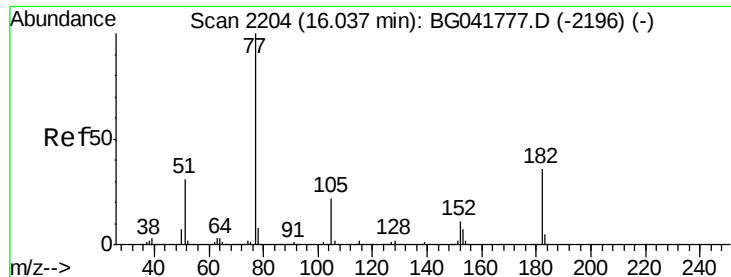
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 35.2  | 28.6  | 42.8  |
| 141     | 48.8  | 42.9  | 64.3  |



#62  
 4-Nitroaniline  
 Concen: 54.882 ng  
 RT: 15.76 min Scan# 2157  
 Delta R.T. 0.00 min  
 Lab File: BG041857.D  
 Acq: 1 Aug 2019 11:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 92      | 46.8  | 29.8  | 69.8  |
| 108     | 73.9  | 52.2  | 92.2  |

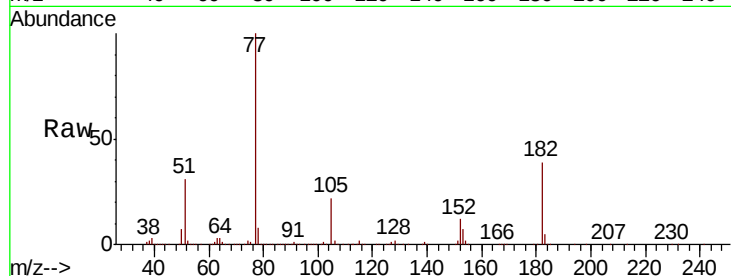




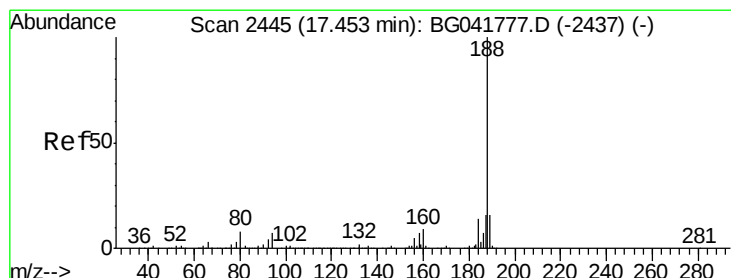
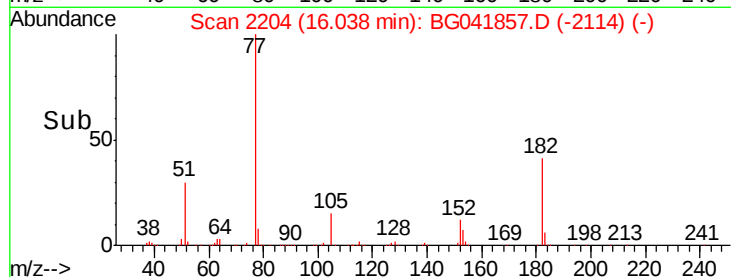
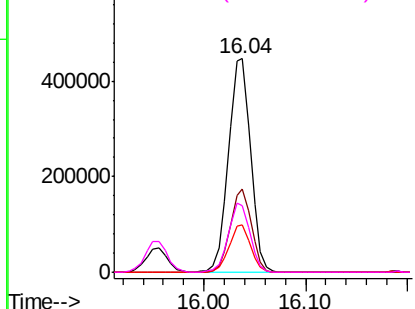
#63  
Azobenzene  
Concen: 49.519 ng  
RT: 16.04 min Scan# 2204  
Delta R.T. 0.00 min  
Lab File: BG041857.D  
Acq: 1 Aug 2019 11:05

Instrument :  
BNA\_G  
ClientSampleId :  
OK-01-072919MS

Tot Ion: 77 Resp: 676169  
Ion Ratio Lower Upper  
77 100  
182 39.0 13.2 53.2  
105 22.1 2.2 42.2  
51 30.9 14.6 54.6

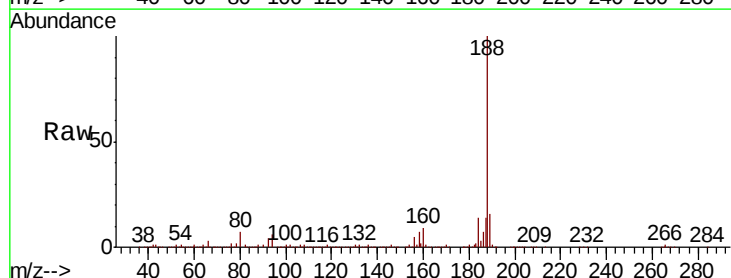


Abundance Ion 77.00 (76.70 to 77.70): BGC  
Ion 182.00 (181.70 to 182.70): BGC  
Ion 105.00 (104.70 to 105.70): BGC  
Ion 51.00 (50.70 to 51.70): BGC

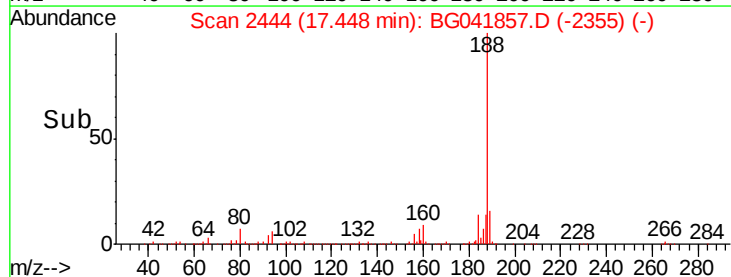
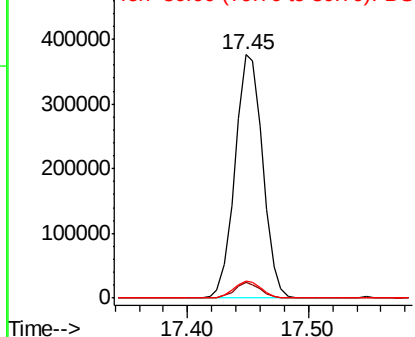


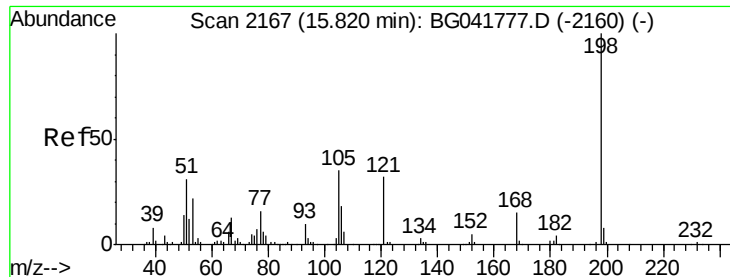
#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.45 min Scan# 2444  
Delta R.T. -0.01 min  
Lab File: BG041857.D  
Acq: 1 Aug 2019 11:05

Tgt Ion: 188 Resp: 600909  
Ion Ratio Lower Upper  
188 100  
94 6.4 6.9 10.3#  
80 7.2 8.0 12.0#



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

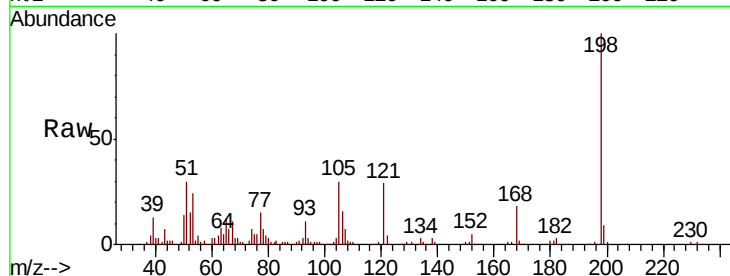




#65  
 4,6-Dinitro-2-methylphenol  
 Concen: 31.890 ng  
 RT: 15.82 min Scan# 2167  
 Delta R.T. 0.00 min  
 Lab File: BG041857.D  
 Acq: 1 Aug 2019 11:05

Instrument :  
 BNA\_G  
 ClientSampleId :  
 OK-01-072919MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 198     | 100   |       |       |
| 51      | 30.5  | 22.3  | 62.3  |
| 105     | 30.1  | 18.0  | 58.0  |

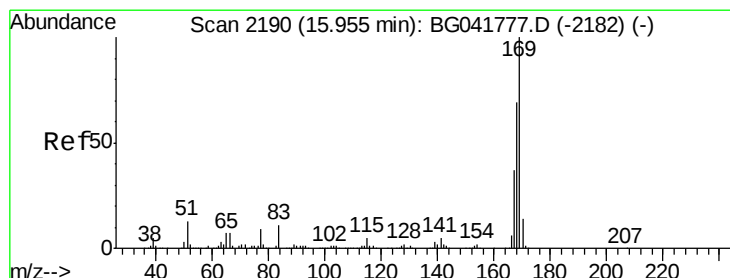
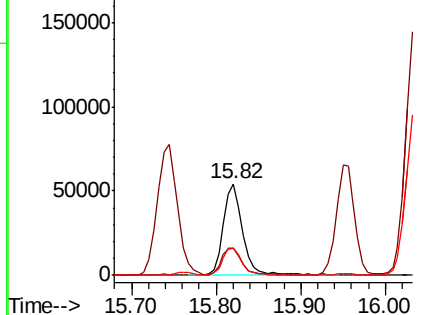
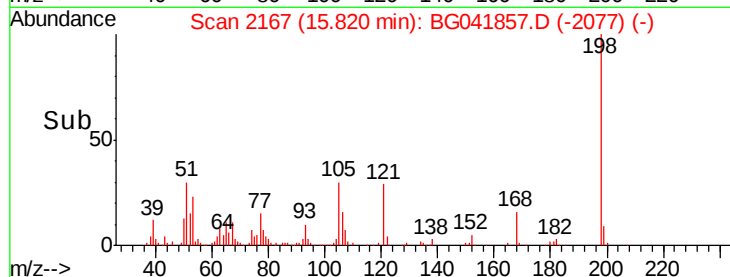


Abundance

Ion 198.00 (197.70 to 198.70): E

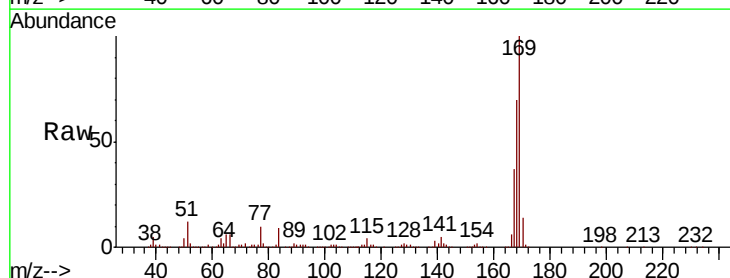
Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66  
 n-Nitrosodiphenylamine  
 Concen: 49.257 ng  
 RT: 15.96 min Scan# 2190  
 Delta R.T. 0.00 min  
 Lab File: BG041857.D  
 Acq: 1 Aug 2019 11:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 169     | 100   |       |       |
| 168     | 70.2  | 56.9  | 85.3  |
| 167     | 37.2  | 31.5  | 47.3  |

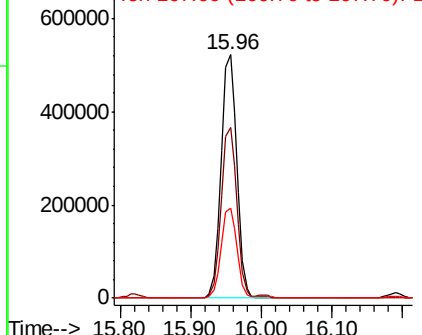
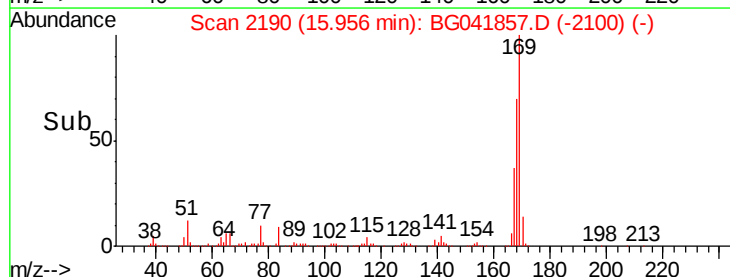


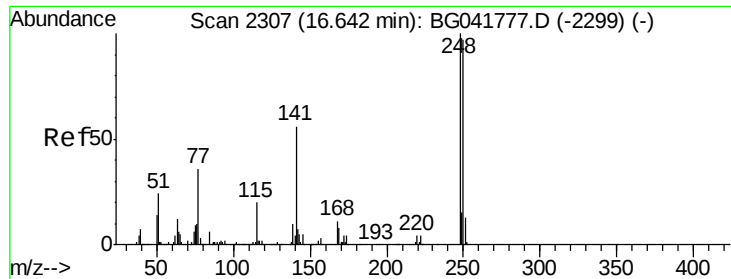
Abundance

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

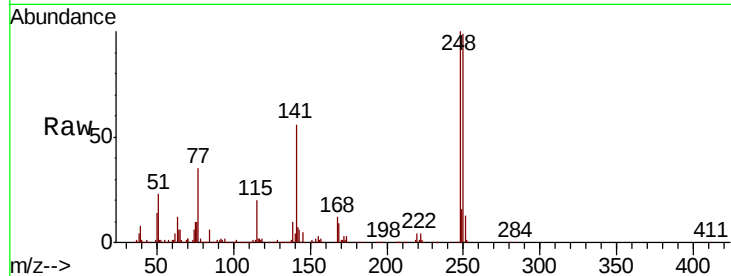




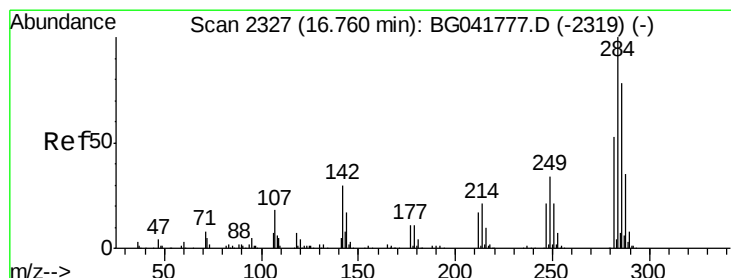
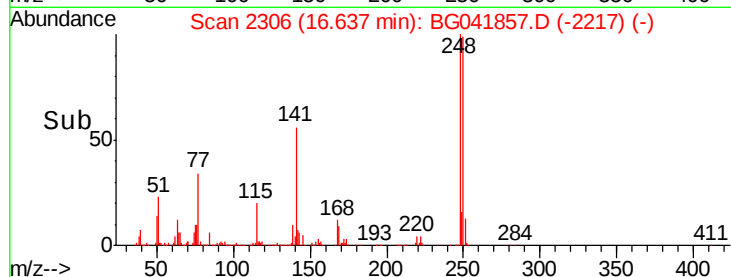
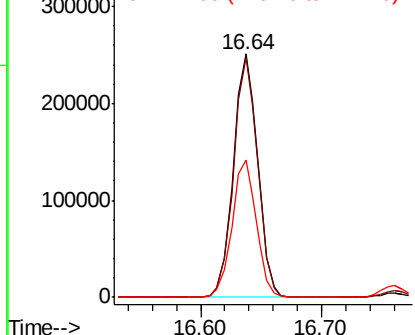
#67  
4-Bromophenyl-phenylether  
Concen: 47.622 ng  
RT: 16.64 min Scan# 2306  
Delta R.T. -0.01 min  
Lab File: BG041857.D  
Acq: 1 Aug 2019 11:05

Instrument :  
BNA\_G  
ClientSampleId :  
OK-01-072919MS

Tot Ion:248 Resp: 352498  
Ion Ratio Lower Upper  
248 100  
250 98.7 78.1 117.1  
141 56.3 49.6 74.4

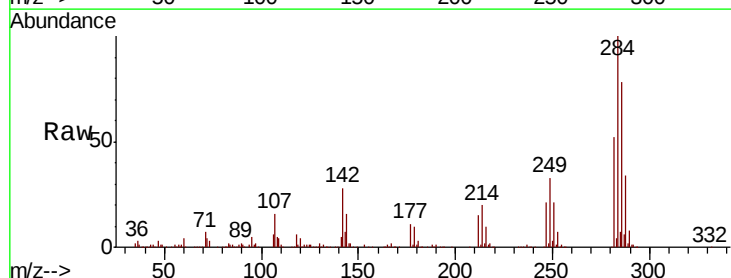


Abundance Ion 248.00 (247.70 to 248.70): E  
Ion 250.00 (249.70 to 250.70): E  
Ion 141.00 (140.70 to 141.70): E

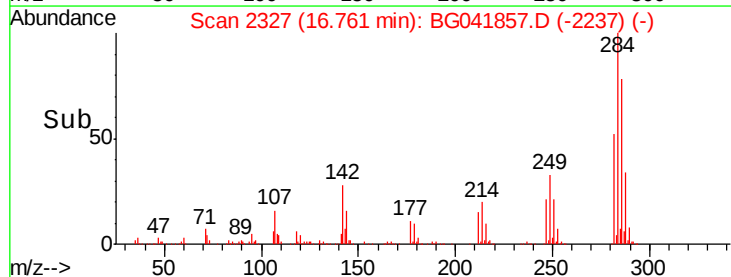
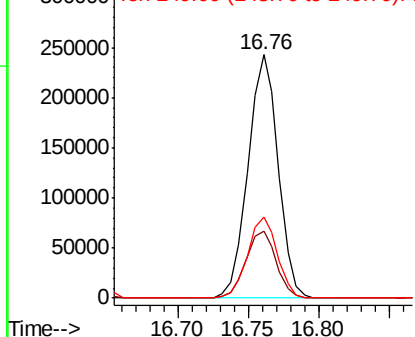


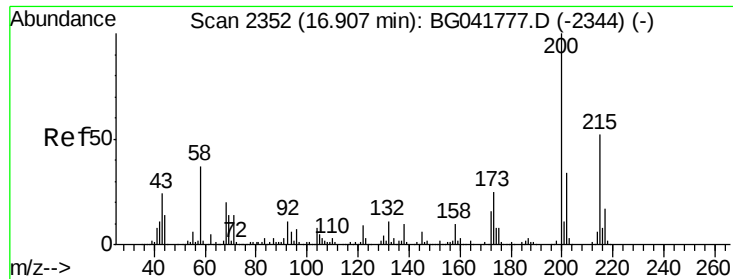
#68  
Hexachlorobenzene  
Concen: 46.837 ng  
RT: 16.76 min Scan# 2327  
Delta R.T. 0.00 min  
Lab File: BG041857.D  
Acq: 1 Aug 2019 11:05

Tgt Ion:284 Resp: 362695  
Ion Ratio Lower Upper  
284 100  
142 27.5 27.0 40.6  
249 33.1 28.4 42.6



Abundance Ion 283.80 (283.50 to 284.50): E  
Ion 142.00 (141.70 to 142.70): E  
Ion 249.00 (248.70 to 249.70): E

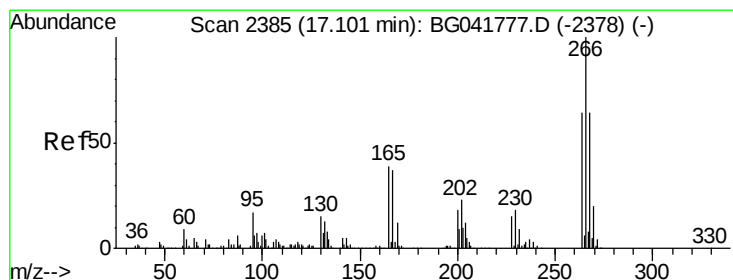
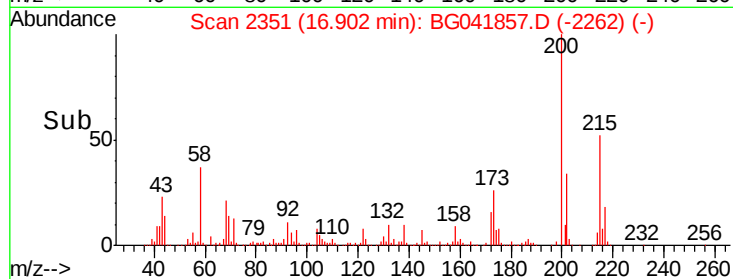
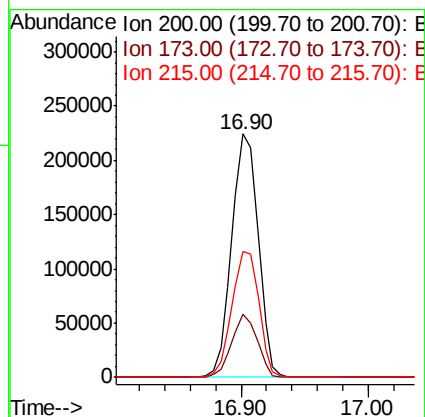
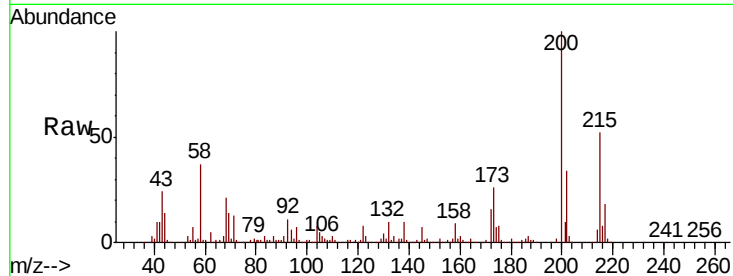




#69  
Atrazine  
Concen: 50.475 ng  
RT: 16.90 min Scan# 2351  
Delta R.T. -0.01 min  
Lab File: BG041857.D  
Acq: 1 Aug 2019 11:05

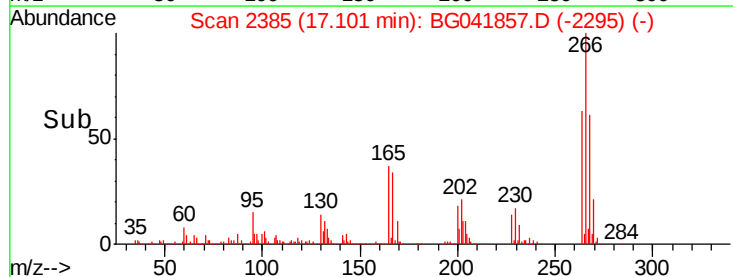
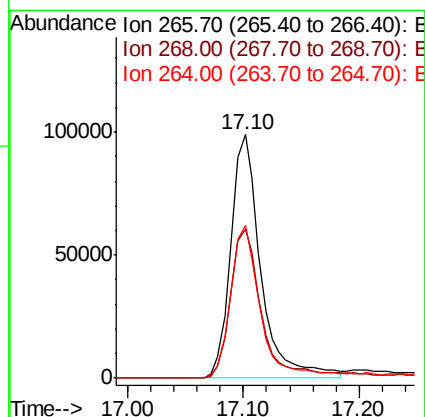
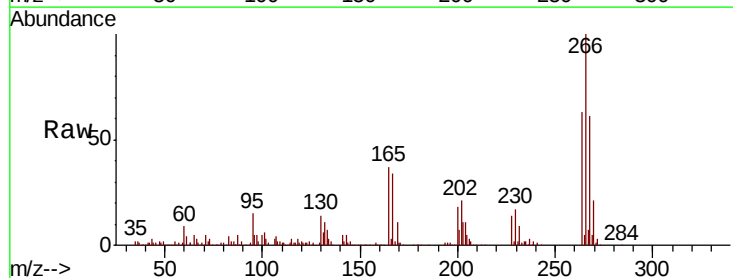
Instrument :  
BNA\_G  
ClientSampleId :  
OK-01-072919MS

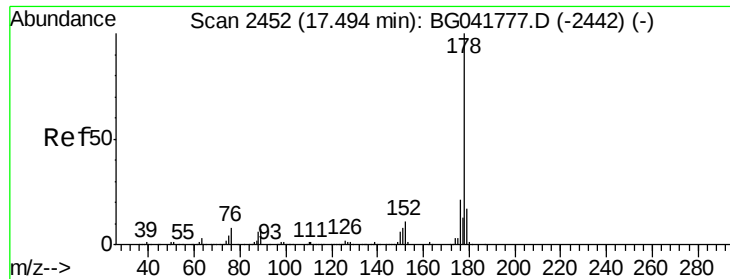
Tot Ion:200 Resp: 324617  
Ion Ratio Lower Upper  
200 100  
173 26.0 5.3 45.3  
215 52.0 31.8 71.8



#70  
Pentachlorophenol  
Concen: 40.551 ng  
RT: 17.10 min Scan# 2385  
Delta R.T. 0.00 min  
Lab File: BG041857.D  
Acq: 1 Aug 2019 11:05

Tgt Ion:266 Resp: 178390  
Ion Ratio Lower Upper  
266 100  
268 65.9 52.9 79.3  
264 62.5 51.4 77.2

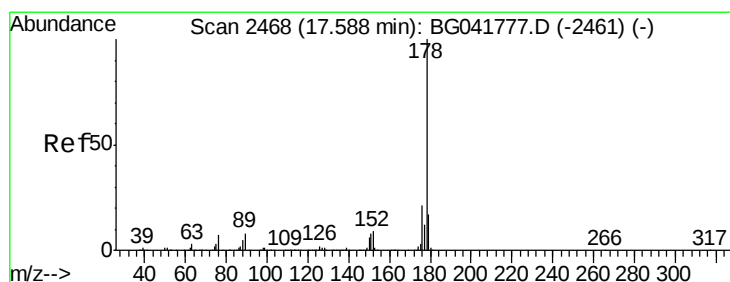
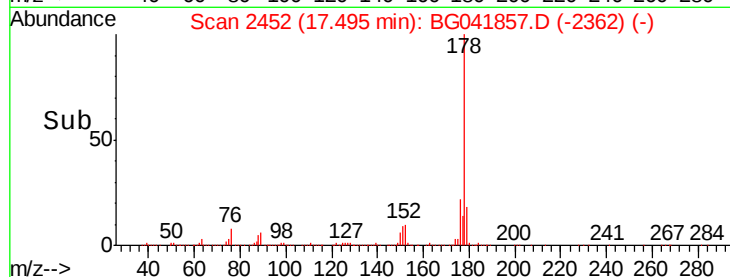
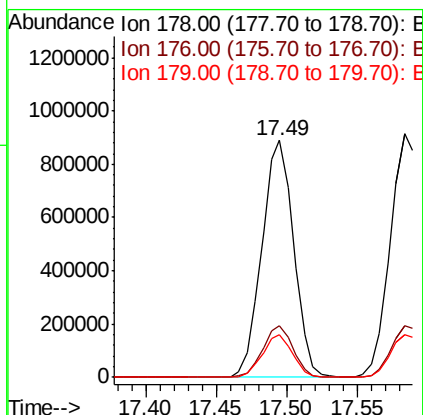
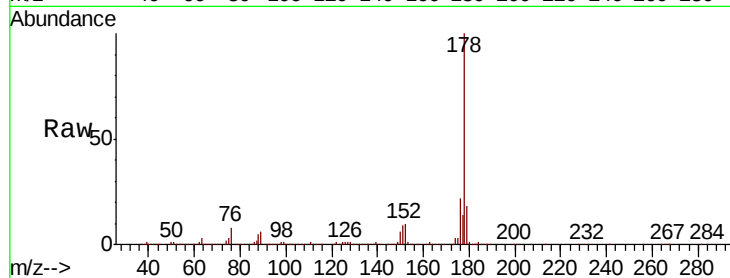




#71  
Phenanthrene  
Concen: 48.852 ng  
RT: 17.49 min Scan# 2452  
Delta R.T. 0.00 min  
Lab File: BG041857.D  
Acq: 1 Aug 2019 11:05

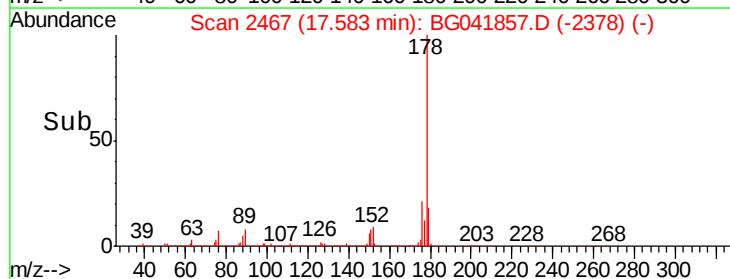
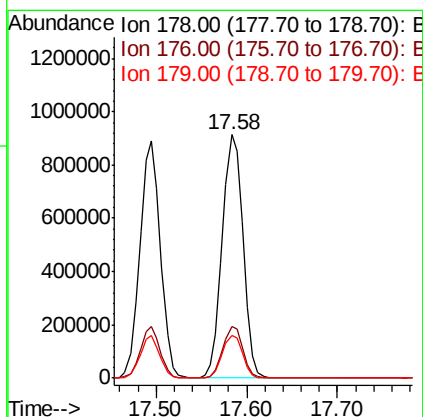
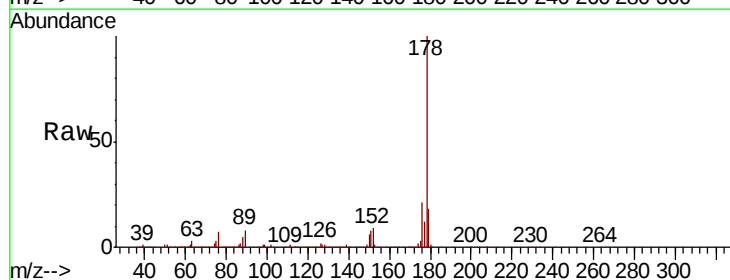
Instrument :  
BNA\_G  
ClientSampleId :  
OK-01-072919MS

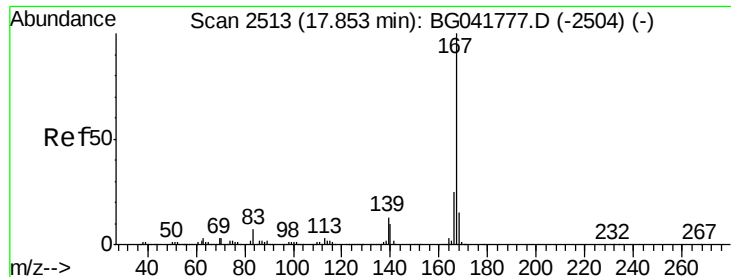
Tot Ion:178 Resp: 1407110  
Ion Ratio Lower Upper  
178 100  
176 21.8 18.6 28.0  
179 17.8 15.4 23.0



#72  
Anthracene  
Concen: 50.643 ng  
RT: 17.58 min Scan# 2467  
Delta R.T. -0.01 min  
Lab File: BG041857.D  
Acq: 1 Aug 2019 11:05

Tgt Ion:178 Resp: 1454789  
Ion Ratio Lower Upper  
178 100  
176 21.1 18.6 28.0  
179 17.7 15.1 22.7





#73

Carbazole

Concen: 50.785 ng

RT: 17.85 min Scan# 2513

Delta R.T. 0.00 min

Lab File: BG041857.D

Acq: 1 Aug 2019 11:05

Instrument :

BNA\_G

ClientSampleId :

OK-01-072919MS

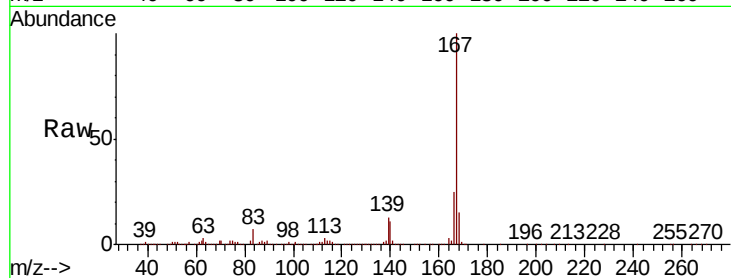
Tot Ion:167 Resp: 1309411

Ion Ratio Lower Upper

167 100

166 25.4 21.4 32.2

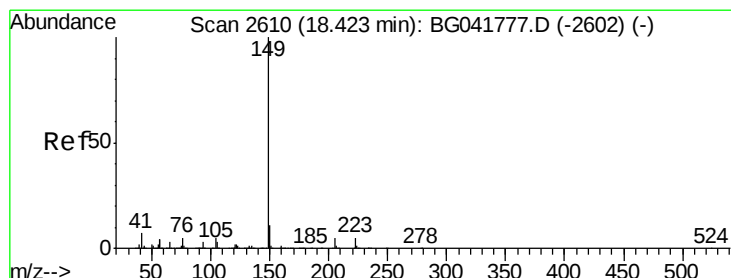
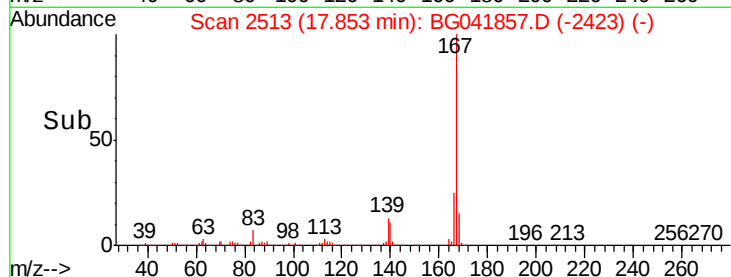
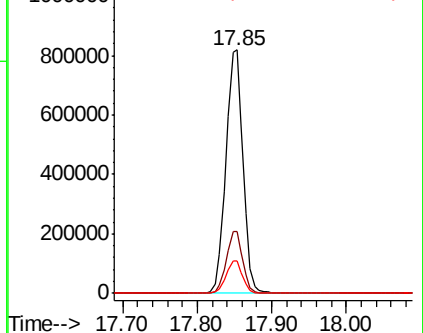
139 13.2 12.1 18.1



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



#74

Di-n-butylphthalate

Concen: 49.561 ng

RT: 18.42 min Scan# 2609

Delta R.T. -0.01 min

Lab File: BG041857.D

Acq: 1 Aug 2019 11:05

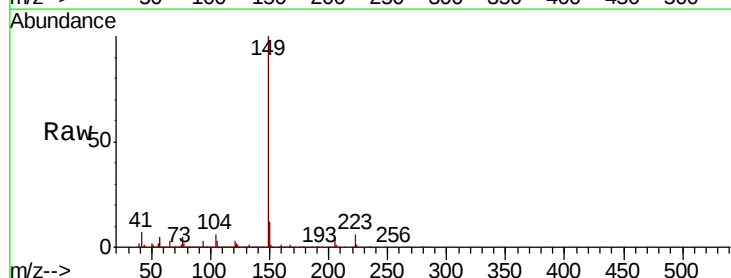
Tgt Ion:149 Resp: 1448684

Ion Ratio Lower Upper

149 100

150 11.9 10.2 15.2

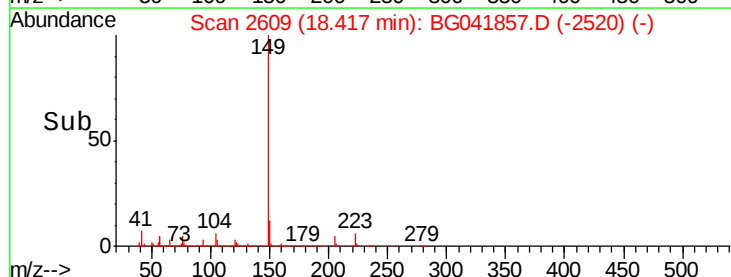
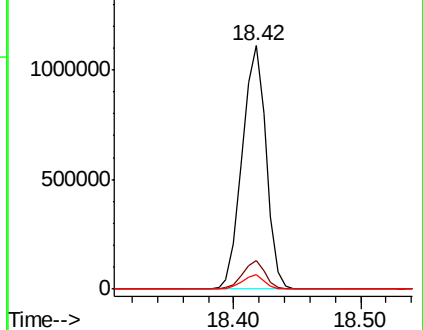
104 5.8 5.3 7.9

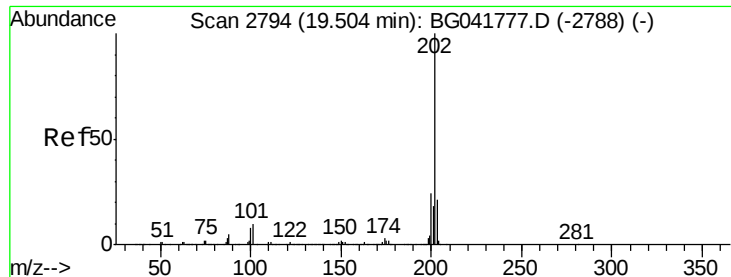


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 49.697 ng

RT: 19.50 min Scan# 2794

Delta R.T. 0.00 min

Lab File: BG041857.D

Acq: 1 Aug 2019 11:05

Instrument :

BNA\_G

ClientSampleId :

OK-01-072919MS

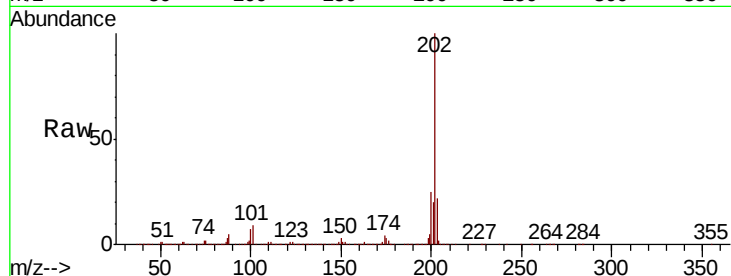
Tot Ion:202 Resp: 1739952

Ion Ratio Lower Upper

202 100

101 9.2 0.0 32.8

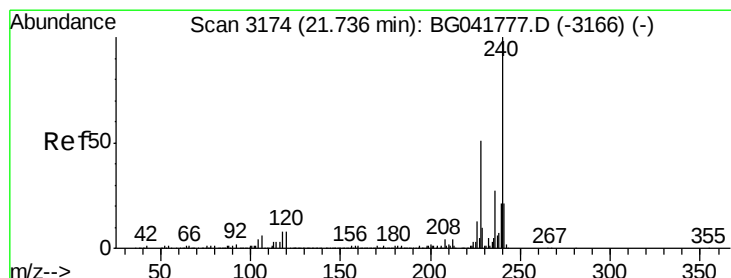
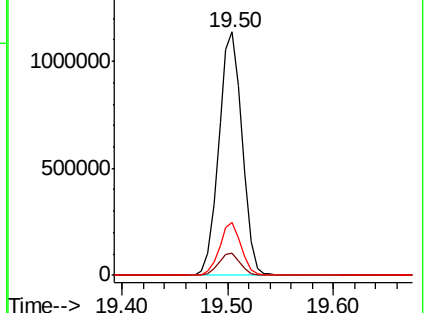
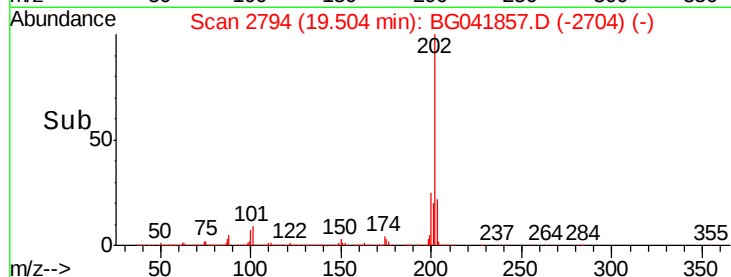
203 21.8 3.7 43.7



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.74 min Scan# 3174

Delta R.T. 0.00 min

Lab File: BG041857.D

Acq: 1 Aug 2019 11:05

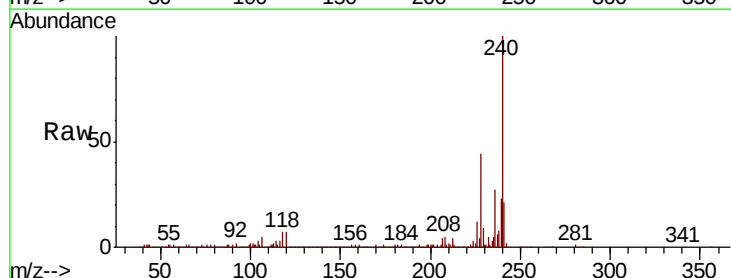
Tgt Ion:240 Resp: 625125

Ion Ratio Lower Upper

240 100

120 6.9 8.0 12.0#

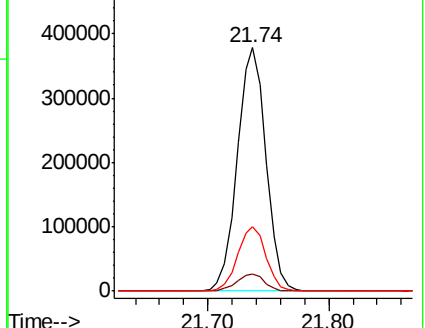
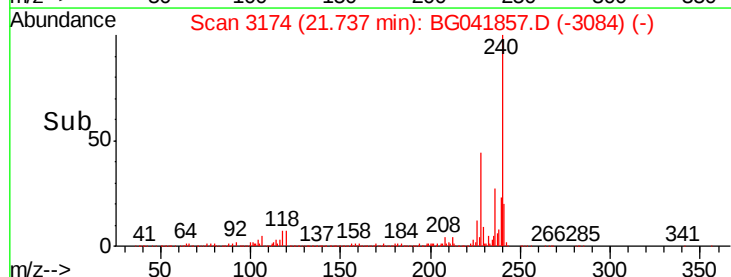
236 26.6 22.6 33.8

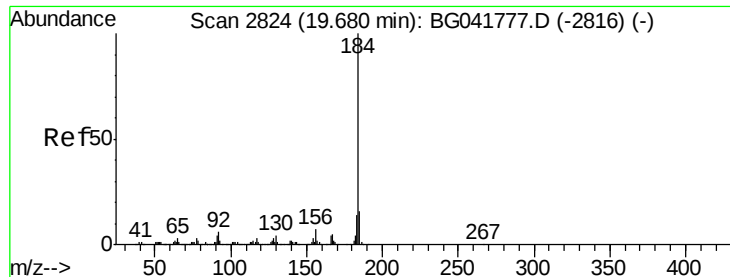


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 14.441 ng

RT: 19.68 min Scan# 2824

Delta R.T. 0.00 min

Lab File: BG041857.D

Acq: 1 Aug 2019 11:05

Instrument :

BNA\_G

ClientSampleId :

OK-01-072919MS

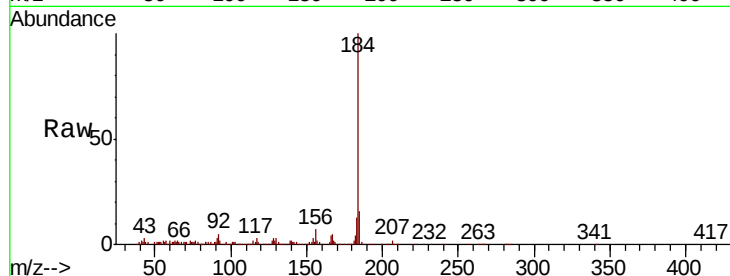
Tot Ion:184 Resp: 294652

Ion Ratio Lower Upper

184 100

185 15.5 13.0 19.4

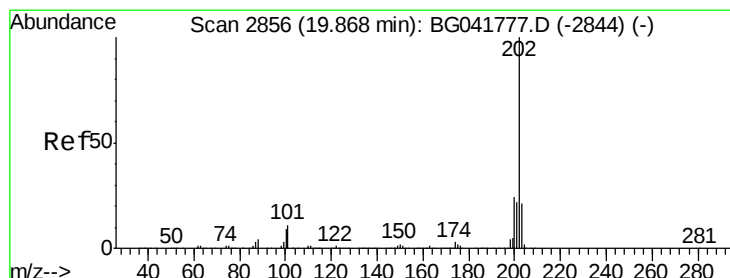
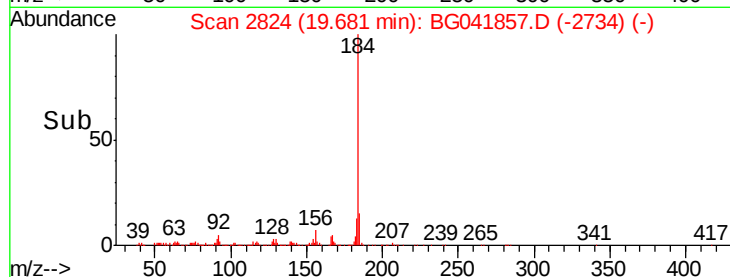
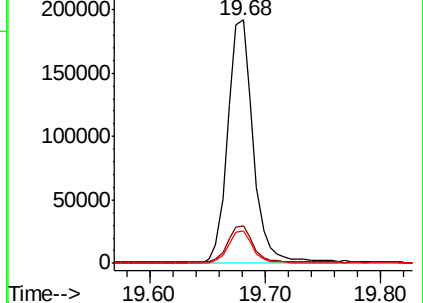
183 13.1 11.8 17.6



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 47.670 ng

RT: 19.86 min Scan# 2855

Delta R.T. -0.01 min

Lab File: BG041857.D

Acq: 1 Aug 2019 11:05

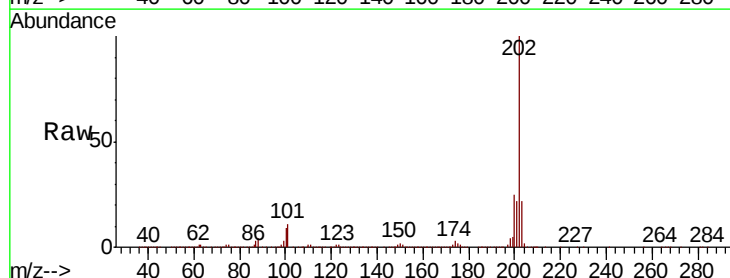
Tgt Ion:202 Resp: 1765577

Ion Ratio Lower Upper

202 100

200 25.1 22.2 33.2

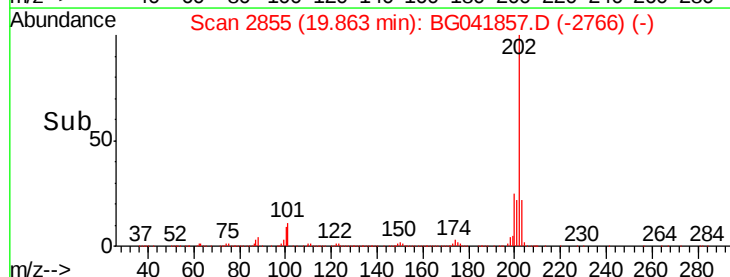
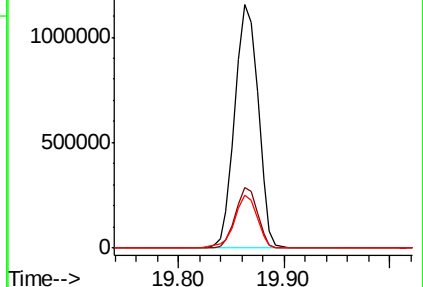
203 21.6 18.9 28.3

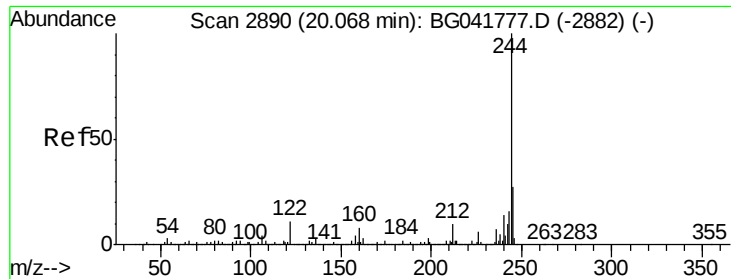


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 89.059 ng

RT: 20.06 min Scan# 2889

Delta R.T. -0.00 min

Lab File: BG041857.D

Acq: 1 Aug 2019 11:05

Instrument :

BNA\_G

ClientSampleId :

OK-01-072919MS

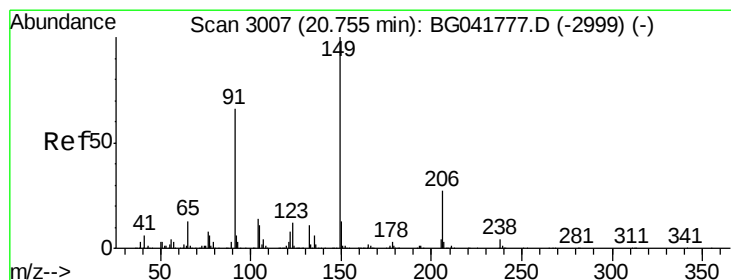
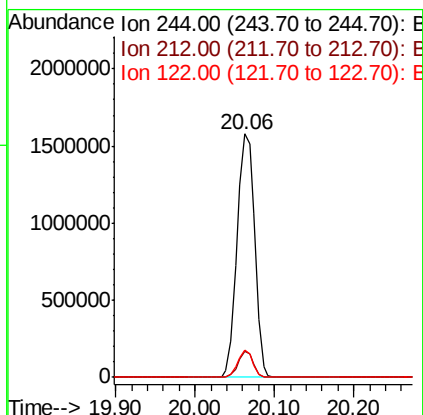
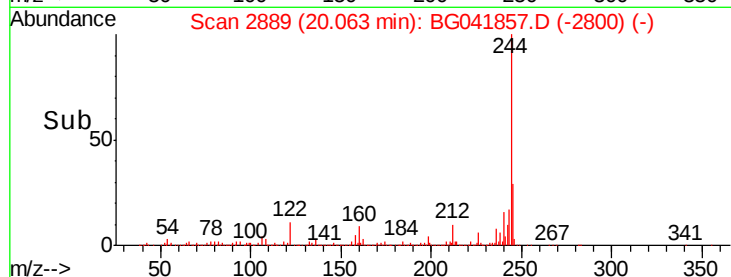
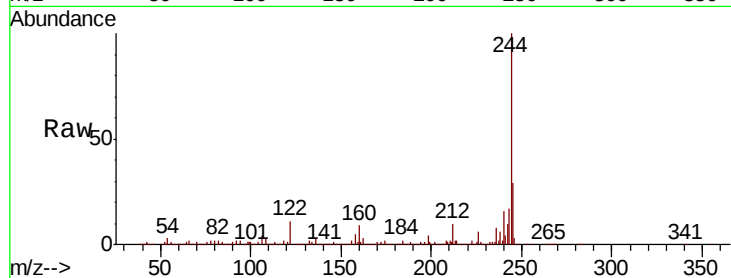
Tot Ion:244 Resp: 2432993

Ion Ratio Lower Upper

244 100

212 10.5 9.7 14.5

122 11.3 12.5 18.7#



#80

Butylbenzylphthalate

Concen: 50.136 ng

RT: 20.75 min Scan# 3006

Delta R.T. -0.01 min

Lab File: BG041857.D

Acq: 1 Aug 2019 11:05

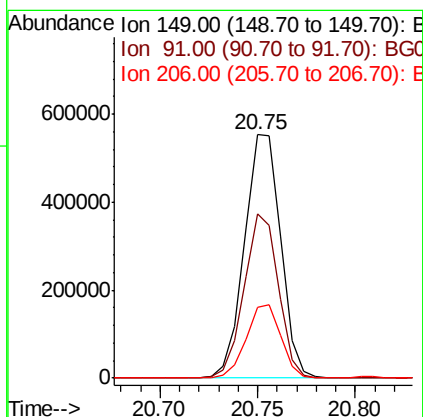
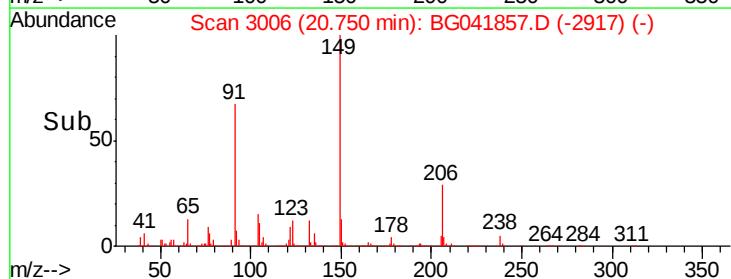
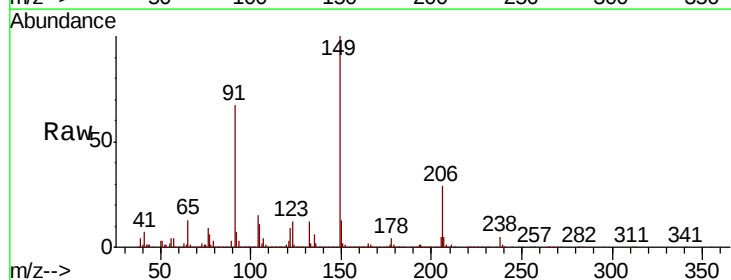
Tgt Ion:149 Resp: 711945

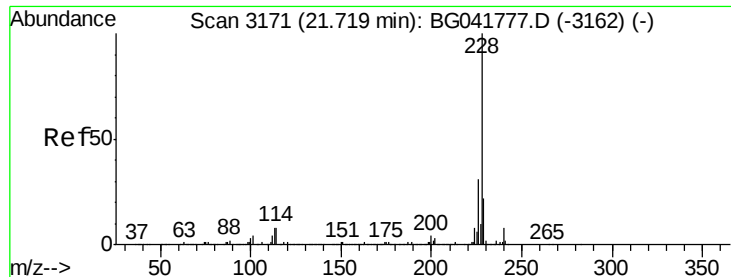
Ion Ratio Lower Upper

149 100

91 67.2 58.9 88.3

206 28.8 20.8 31.2





#81

Benzo(a)anthracene

Concen: 47.906 ng

RT: 21.71 min Scan# 3170

Delta R.T. -0.01 min

Lab File: BG041857.D

Acq: 1 Aug 2019 11:05

Instrument :

BNA\_G

ClientSampleId :

OK-01-072919MS

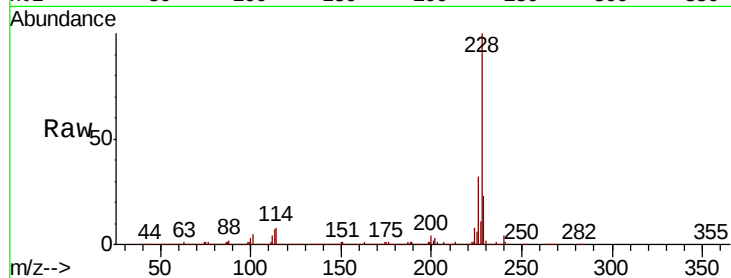
Tot Ion:228 Resp: 1771830

Ion Ratio Lower Upper

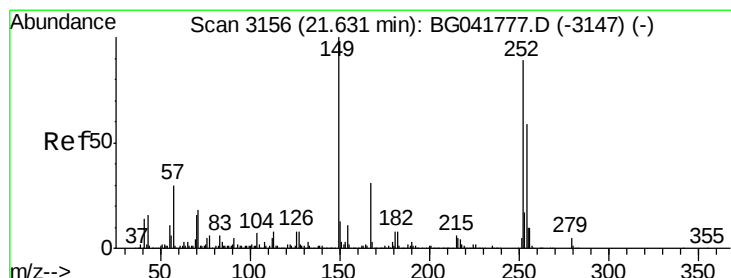
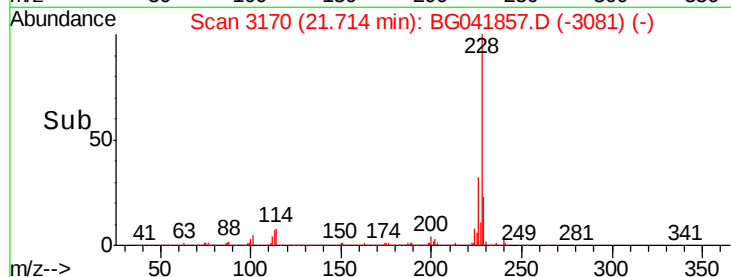
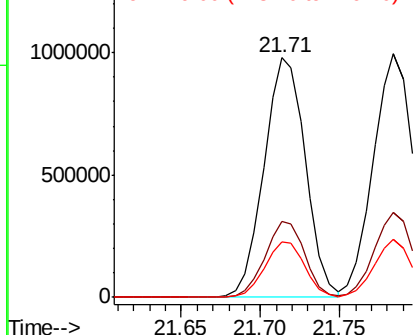
228 100

226 31.9 27.3 40.9

229 23.4 19.7 29.5



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



#82

3,3'-Dichlorobenzidine

Concen: 21.241 ng

RT: 21.63 min Scan# 3155

Delta R.T. -0.01 min

Lab File: BG041857.D

Acq: 1 Aug 2019 11:05

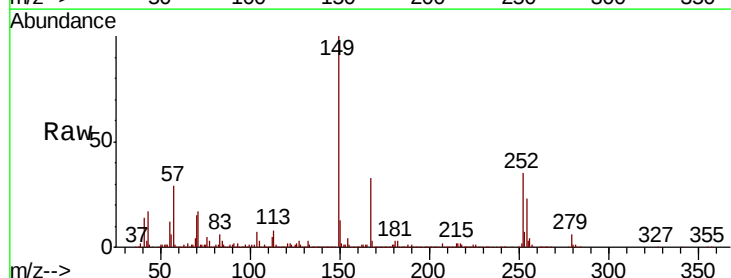
Tgt Ion:252 Resp: 315423

Ion Ratio Lower Upper

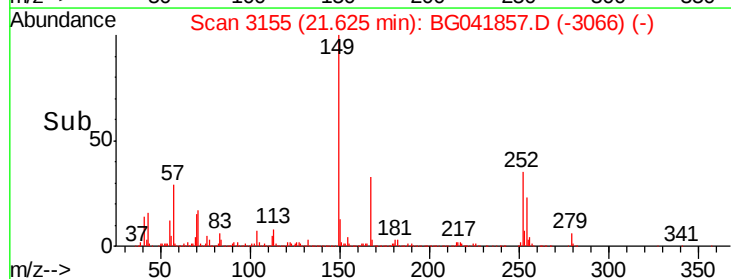
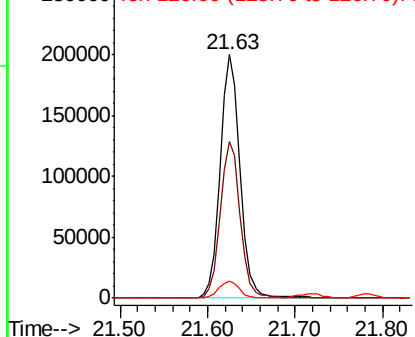
252 100

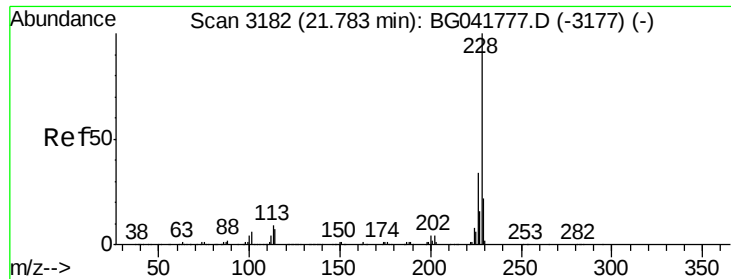
254 64.3 53.8 80.6

126 6.9 7.8 11.8#



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





#83

Chrysene

Concen: 48.926 ng

RT: 21.78 min Scan# 3182

Delta R.T. 0.00 min

Lab File: BG041857.D

Acq: 1 Aug 2019 11:05

Instrument :

BNA\_G

ClientSampleId :

OK-01-072919MS

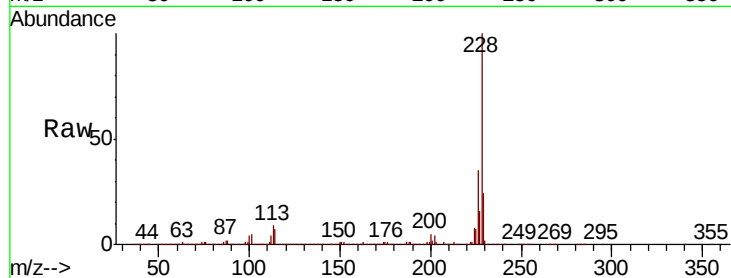
Tot Ion:228 Resp: 1734555

Ion Ratio Lower Upper

228 100

226 35.1 30.1 45.1

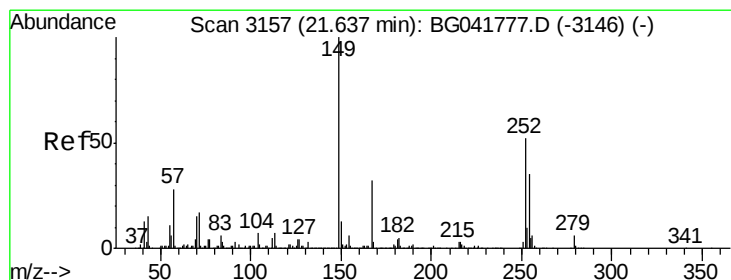
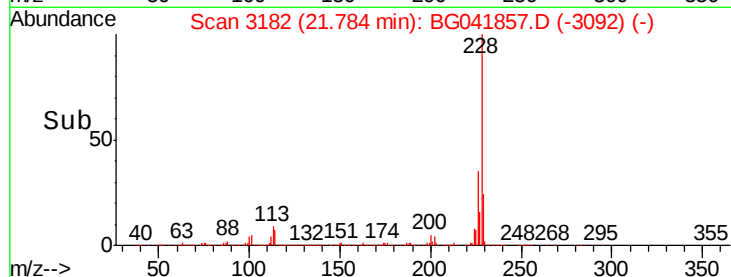
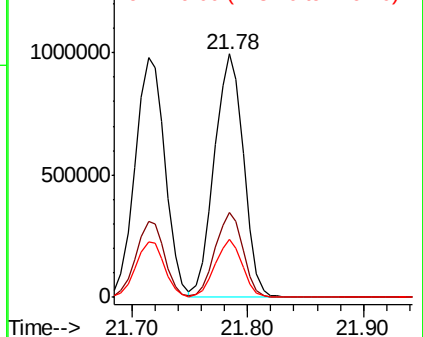
229 23.8 19.8 29.6



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 50.965 ng

RT: 21.63 min Scan# 3156

Delta R.T. -0.01 min

Lab File: BG041857.D

Acq: 1 Aug 2019 11:05

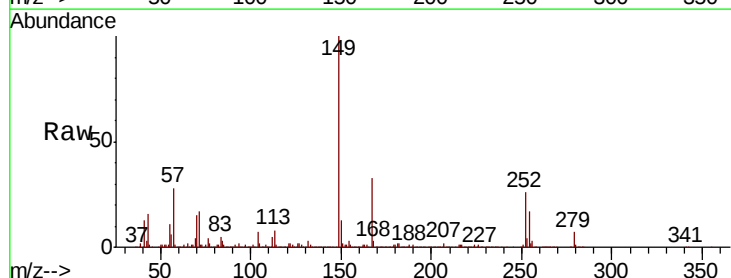
Tgt Ion:149 Resp: 998302

Ion Ratio Lower Upper

149 100

167 33.1 27.0 40.4

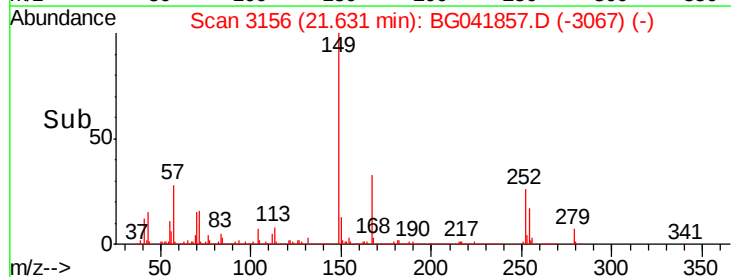
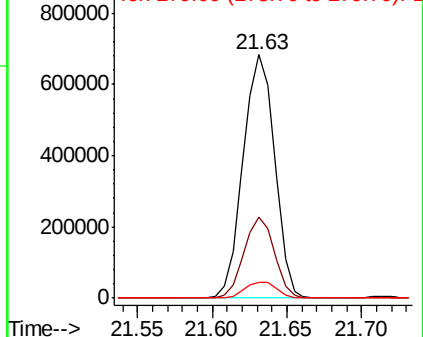
279 6.7 5.0 7.6

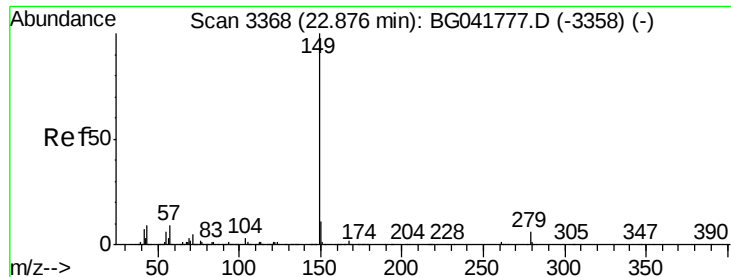


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 51.543 ng

RT: 22.87 min Scan# 3366

Delta R.T. -0.01 min

Lab File: BG041857.D

Acq: 1 Aug 2019 11:05

Instrument :

BNA\_G

ClientSampleId :

OK-01-072919MS

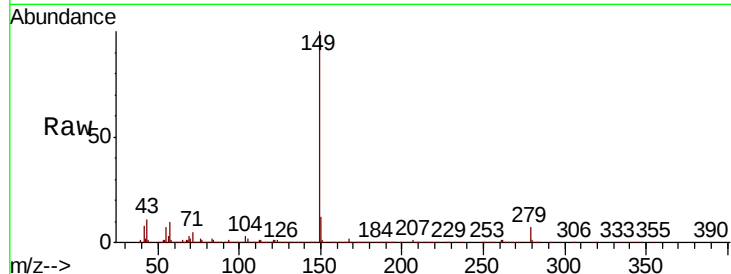
Tot Ion:149 Resp: 1699143

Ion Ratio Lower Upper

149 100

167 2.0 1.6 2.4

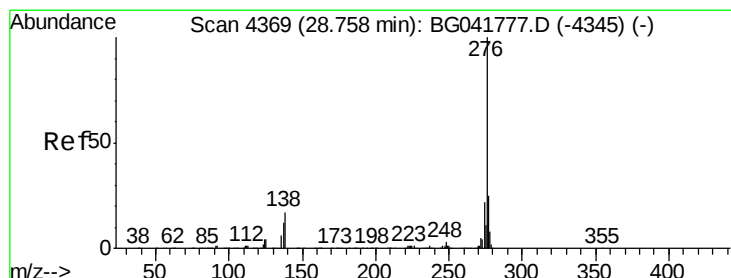
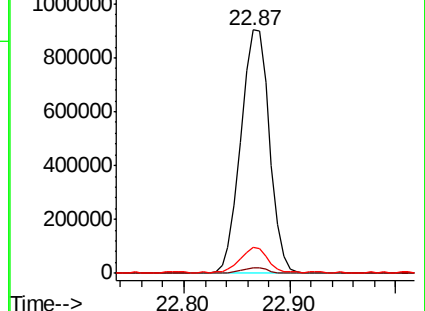
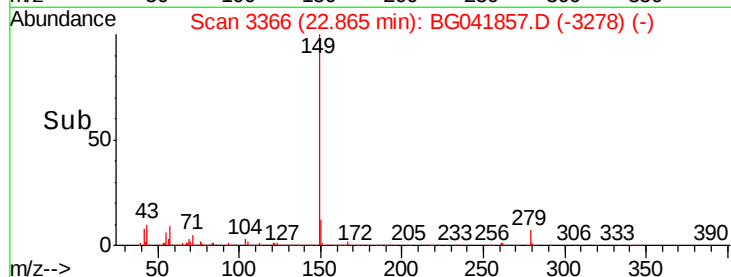
43 9.5 10.6 16.0#



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): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 50.078 ng

RT: 28.75 min Scan# 4368

Delta R.T. -0.01 min

Lab File: BG041857.D

Acq: 1 Aug 2019 11:05

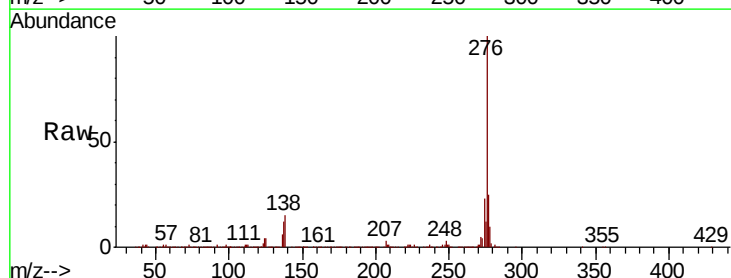
Tgt Ion:276 Resp: 2350240

Ion Ratio Lower Upper

276 100

138 12.2 19.4 29.0#

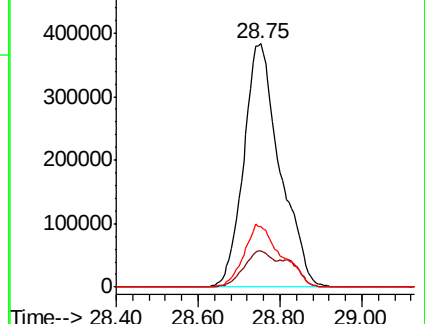
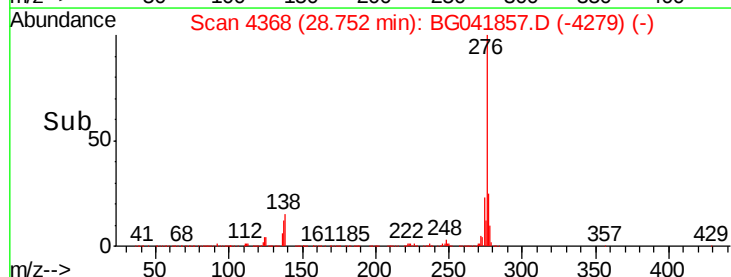
277 26.5 21.2 31.8

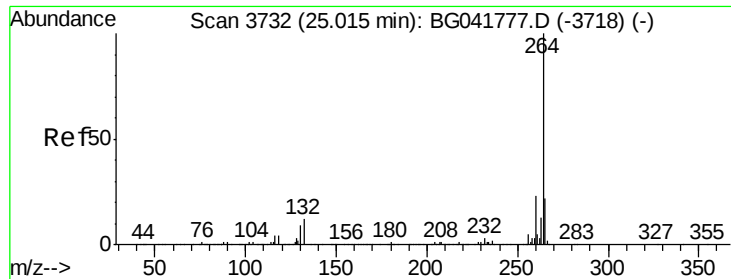


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



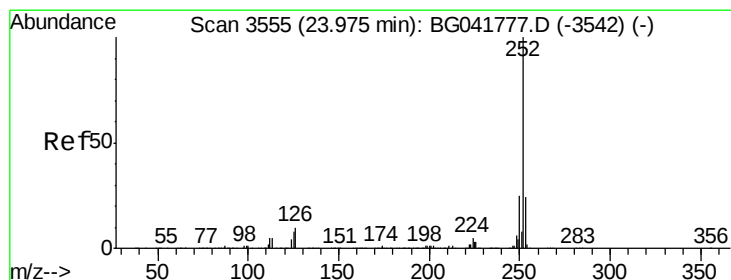
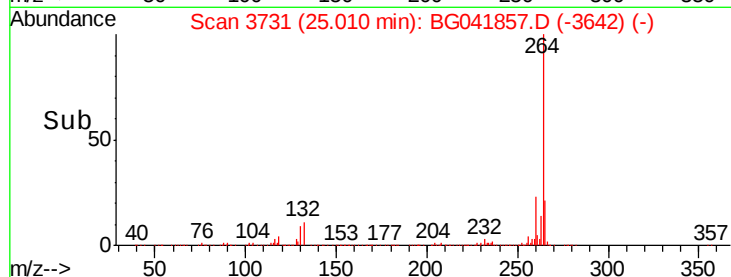
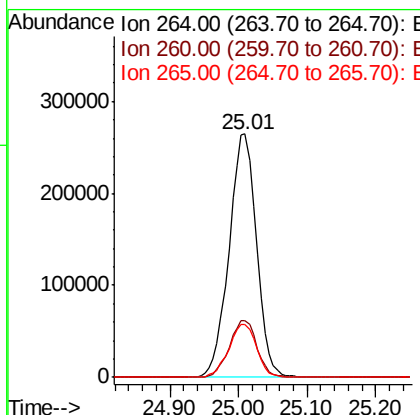
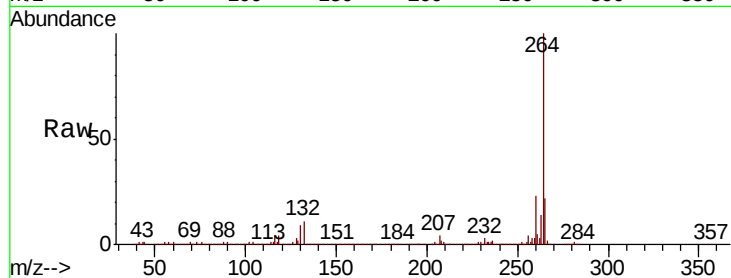


#87  
Pervlene-d12  
Concen: 20.000 ng  
RT: 25.01 min Scan# 3731  
Delta R.T. -0.01 min  
Lab File: BG041857.D  
Acq: 1 Aug 2019 11:05

Instrument :  
BNA\_G  
ClientSampleId :  
OK-01-072919MS

Tot Ion:264 Resp: 732799  

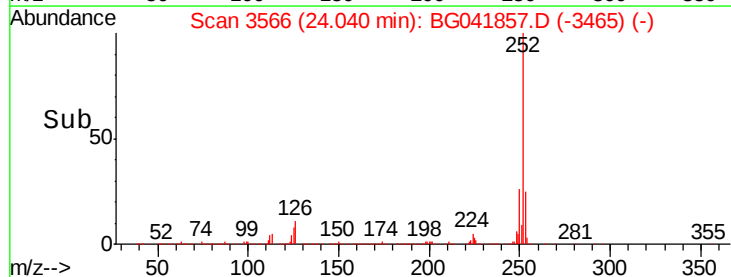
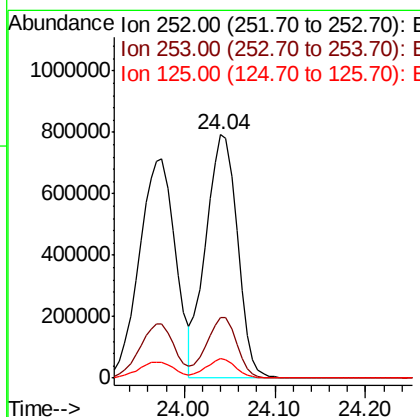
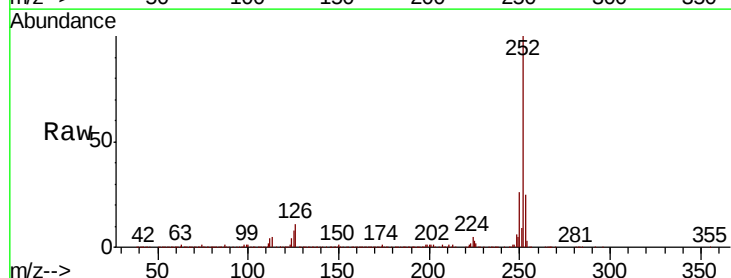
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 23.1  | 19.5  | 29.3  |
| 265 | 21.6  | 18.0  | 27.0  |

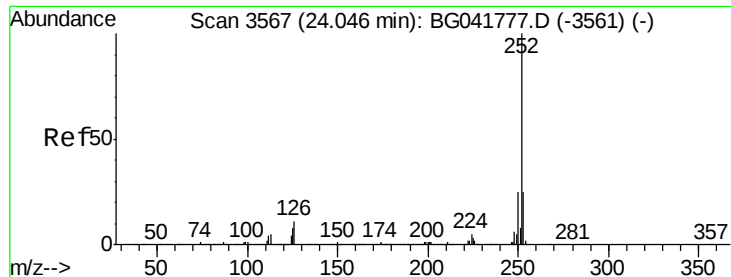


#88  
Benzo(b)fluoranthene  
Concen: 47.902 ng  
RT: 24.04 min Scan# 3566  
Delta R.T. 0.07 min  
Lab File: BG041857.D  
Acq: 1 Aug 2019 11:05

Tgt Ion:252 Resp: 1920251  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 24.8  | 20.6  | 30.8  |
| 125 | 8.1   | 8.0   | 12.0  |

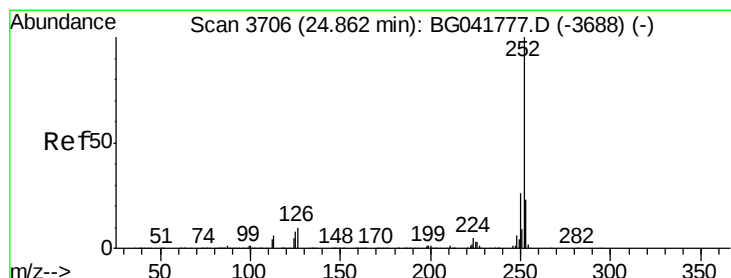
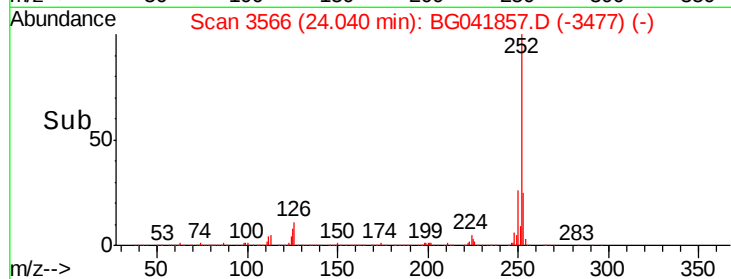
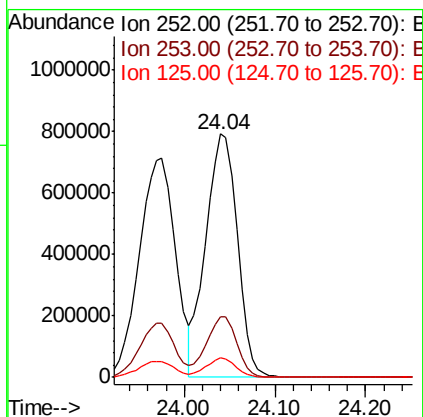
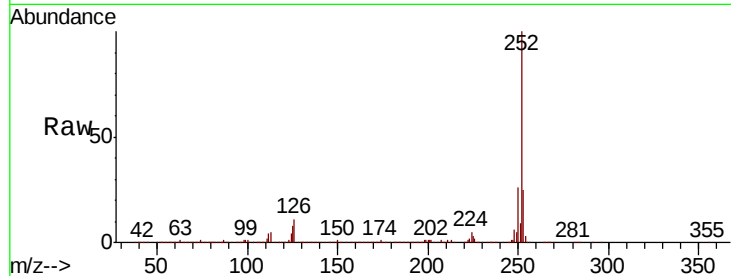




#89  
Benzo(k)fluoranthene  
Concen: 49.175 ng  
RT: 24.04 min Scan# 3566  
Delta R.T. -0.01 min  
Lab File: BG041857.D  
Acq: 1 Aug 2019 11:05

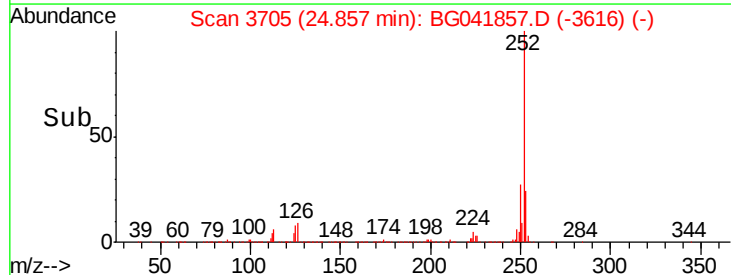
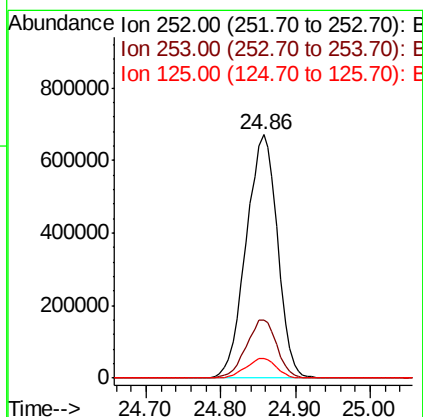
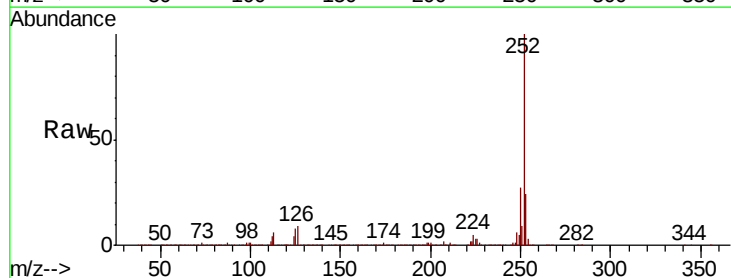
Instrument :  
BNA\_G  
ClientSampleId :  
OK-01-072919MS

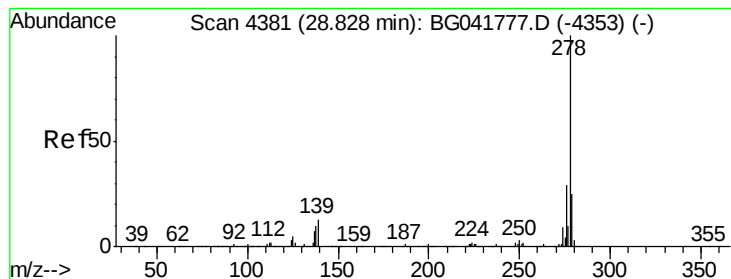
Tot Ion:252 Resp: 1920251  
Ion Ratio Lower Upper  
252 100  
253 24.8 20.5 30.7  
125 8.1 8.4 12.6#



#90  
Benzo(a)pyrene  
Concen: 50.810 ng  
RT: 24.86 min Scan# 3705  
Delta R.T. -0.01 min  
Lab File: BG041857.D  
Acq: 1 Aug 2019 11:05

Tgt Ion:252 Resp: 1953474  
Ion Ratio Lower Upper  
252 100  
253 24.0 19.8 29.8  
125 8.1 8.8 13.2#





#91

Dibenzo(a,h)anthracene

Concen: 50.766 ng

RT: 28.82 min Scan# 4380

Delta R.T. -0.01 min

Lab File: BG041857.D

Acq: 1 Aug 2019 11:05

Instrument :

BNA\_G

ClientSampleId :

OK-01-072919MS

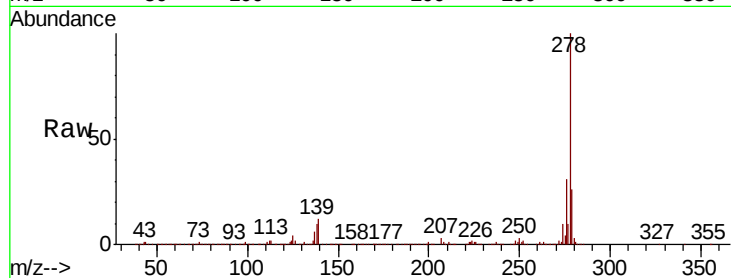
Tot Ion:278 Resp: 1916457

Ion Ratio Lower Upper

278 100

139 11.9 12.6 19.0#

279 25.5 20.5 30.7

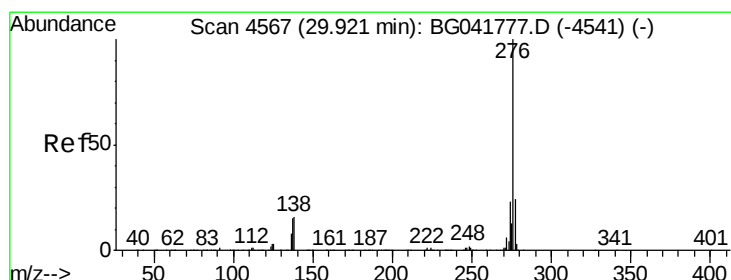
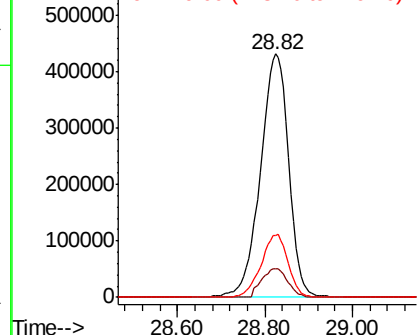
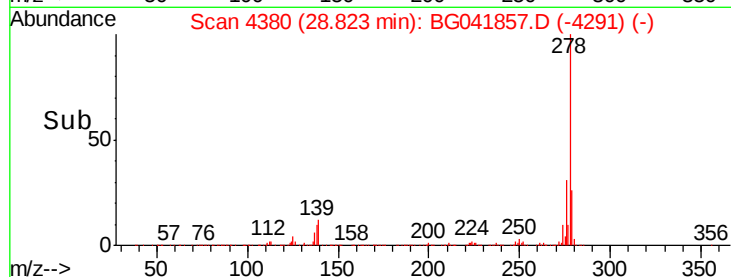


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 51.649 ng

RT: 29.92 min Scan# 4567

Delta R.T. 0.00 min

Lab File: BG041857.D

Acq: 1 Aug 2019 11:05

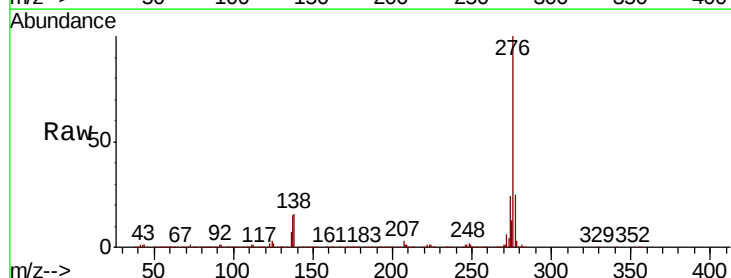
Tgt Ion:276 Resp: 1948015

Ion Ratio Lower Upper

276 100

277 25.1 19.8 29.8

138 16.2 16.6 25.0#



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

