

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102519\  
 Data File : BG043338.D  
 Acq On : 25 Oct 2019 14:11  
 Operator : JU  
 Sample : PB124305BS  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB124305BS

Quant Time: Oct 25 15:30:39 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Oct 21 16:37:43 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.02  | 152  | 35673    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.83 | 136  | 152920   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 14.65 | 164  | 116533   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 17.40 | 188  | 289453   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 21.67 | 240  | 331694   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 24.88 | 264  | 304127   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |         |        |    |      |
|--------------------------|-------|-----|---------|--------|----|------|
| 5) 2-Fluorophenol        | 5.62  | 112 | 281049  | 144.37 | ng | 0.01 |
| 7) Phenol-d6             | 7.22  | 99  | 376892  | 134.56 | ng | 0.02 |
| 23) Nitrobenzene-d5      | 9.19  | 82  | 191404  | 64.53  | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 16.15 | 330 | 263874  | 118.99 | ng | 0.00 |
| 45) 2-Fluorobiphenyl     | 13.28 | 172 | 532599  | 63.15  | ng | 0.00 |
| 79) Terphenyl-d14        | 20.01 | 244 | 1101249 | 62.29  | ng | 0.00 |

## Target Compounds

|                                |       |     |        |        |    | Qvalue |
|--------------------------------|-------|-----|--------|--------|----|--------|
| 2) 1,4-Dioxane                 | 3.48  | 88  | 29225  | 38.523 | ng | # 91   |
| 3) Pyridine                    | 3.89  | 79  | 69661  | 36.402 | ng | 98     |
| 4) n-Nitrosodimethylamine      | 3.80  | 42  | 42419  | 43.928 | ng | # 94   |
| 6) Aniline                     | 7.35  | 93  | 105299 | 32.635 | ng | 99     |
| 8) 2-Chlorophenol              | 7.60  | 128 | 112692 | 52.440 | ng | 97     |
| 9) Benzaldehyde                | 7.16  | 77  | 34804  | 25.285 | ng | 87     |
| 10) Phenol                     | 7.24  | 94  | 134346 | 52.490 | ng | 96     |
| 11) bis(2-Chloroethyl)ether    | 7.44  | 93  | 96587  | 48.810 | ng | 97     |
| 12) 1,3-Dichlorobenzene        | 7.91  | 146 | 113546 | 42.171 | ng | 100    |
| 13) 1,4-Dichlorobenzene        | 8.06  | 146 | 117647 | 43.187 | ng | 100    |
| 14) 1,2-Dichlorobenzene        | 8.38  | 146 | 114230 | 42.946 | ng | 95     |
| 15) Benzyl Alcohol             | 8.27  | 79  | 100516 | 51.099 | ng | 98     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.55  | 45  | 128147 | 44.536 | ng | 98     |
| 17) 2-Methylphenol             | 8.49  | 107 | 97427  | 52.216 | ng | 97     |
| 18) Hexachloroethane           | 9.11  | 117 | 41433  | 42.156 | ng | 96     |
| 19) n-Nitroso-di-n-propylamine | 8.83  | 70  | 83255  | 46.000 | ng | 99     |
| 20) 3+4-Methylphenols          | 8.82  | 107 | 130260 | 50.912 | ng | 85     |
| 22) Acetophenone               | 8.85  | 105 | 162312 | 41.447 | ng | 99     |
| 24) Nitrobenzene               | 9.23  | 77  | 125637 | 44.464 | ng | 95     |
| 25) Isophorone                 | 9.75  | 82  | 235342 | 43.397 | ng | 99     |
| 26) 2-Nitrophenol              | 9.95  | 139 | 65243  | 47.827 | ng | 93     |
| 27) 2,4-Dimethylphenol         | 10.02 | 122 | 106963 | 54.707 | ng | 98     |
| 28) bis(2-Chloroethoxy)methane | 10.23 | 93  | 127426 | 42.574 | ng | 94     |
| 29) 2,4-Dichlorophenol         | 10.50 | 162 | 122495 | 48.897 | ng | 91     |
| 30) 1,2,4-Trichlorobenzene     | 10.69 | 180 | 134391 | 42.564 | ng | 97     |
| 31) Naphthalene                | 10.89 | 128 | 342501 | 44.125 | ng | 97     |
| 32) Benzoic acid               | 10.18 | 122 | 64880  | 44.315 | ng | 94     |
| 33) 4-Chloroaniline            | 11.00 | 127 | 69147  | 21.732 | ng | 99     |
| 34) Hexachlorobutadiene        | 11.17 | 225 | 91249  | 39.095 | ng | 92     |
| 35) Caprolactam                | 11.77 | 113 | 24881  | 28.838 | ng | # 82   |
| 36) 4-Chloro-3-methylphenol    | 12.14 | 107 | 131915 | 48.274 | ng | 98     |
| 37) 2-Methylnaphthalene        | 12.48 | 142 | 265920 | 44.649 | ng | 99     |
| 38) 1-Methylnaphthalene        | 12.70 | 142 | 252931 | 44.634 | ng | 100    |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.85 | 216 | 172371 | 39.968 | ng | 98     |

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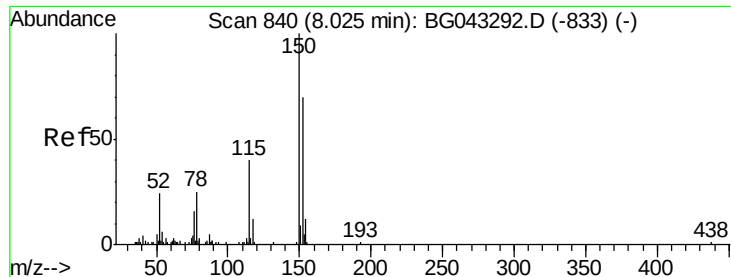
Instrument :  
 BNA\_G  
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M  
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 QLast Update : Mon Oct 21 16:37:43 2019  
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| Internal Standards             | R.T.  | QIon | Response | Conc    | Units | Dev(Min) |
|--------------------------------|-------|------|----------|---------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 12.83 | 237  | 145090   | 64.043  | ng    | 95       |
| 43) 2,4,6-Trichlorophenol      | 13.10 | 196  | 114045   | 44.903  | ng    | 99       |
| 44) 2,4,5-Trichlorophenol      | 13.19 | 196  | 126313   | 49.193  | ng    | 97       |
| 46) 1,1'-Biphenyl              | 13.49 | 154  | 366226   | 41.311  | ng    | 99       |
| 47) 2-Chloronaphthalene        | 13.54 | 162  | 281504   | 41.734  | ng    | 100      |
| 48) 2-Nitroaniline             | 13.74 | 65   | 85491    | 42.406  | ng    | 95       |
| 49) Acenaphthylene             | 14.38 | 152  | 461523   | 43.963  | ng    | 98       |
| 50) Dimethylphthalate          | 14.11 | 163  | 376143   | 41.672  | ng    | 99       |
| 51) 2,6-Dinitrotoluene         | 14.23 | 165  | 87975    | 44.864  | ng    | 95       |
| 52) Acenaphthene               | 14.72 | 154  | 270168   | 42.200  | ng    | 98       |
| 53) 3-Nitroaniline             | 14.57 | 138  | 58167    | 30.723  | ng    | 96       |
| 54) 2,4-Dinitrophenol          | 14.77 | 184  | 76912    | 64.375  | ng    | 96       |
| 55) Dibenzofuran               | 15.05 | 168  | 451952   | 43.532  | ng    | 99       |
| 56) 4-Nitrophenol              | 14.90 | 139  | 136008   | 107.200 | ng    | 96       |
| 57) 2,4-Dinitrotoluene         | 15.02 | 165  | 123006   | 43.893  | ng    | # 97     |
| 58) Fluorene                   | 15.70 | 166  | 377306   | 43.331  | ng    | 95       |
| 59) 2,3,4,6-Tetrachlorophenol  | 15.29 | 232  | 128265   | 47.017  | ng    | # 96     |
| 60) Diethylphthalate           | 15.47 | 149  | 382810   | 42.209  | ng    | 97       |
| 61) 4-Chlorophenyl-phenylether | 15.69 | 204  | 218998   | 43.112  | ng    | 95       |
| 62) 4-Nitroaniline             | 15.73 | 138  | 79187    | 40.500  | ng    | 96       |
| 63) Azobenzene                 | 15.99 | 77   | 323884   | 44.125  | ng    | 99       |
| 65) 4,6-Dinitro-2-methylphenol | 15.78 | 198  | 62735    | 36.828  | ng    | 100      |
| 66) n-Nitrosodiphenylamine     | 15.91 | 169  | 345259   | 42.249  | ng    | 99       |
| 67) 4-Bromophenyl-phenylether  | 16.58 | 248  | 155804   | 39.997  | ng    | 98       |
| 68) Hexachlorobenzene          | 16.71 | 284  | 175621   | 39.276  | ng    | 98       |
| 69) Atrazine                   | 16.86 | 200  | 145095   | 51.097  | ng    | 97       |
| 70) Pentachlorophenol          | 17.06 | 266  | 205100   | 100.665 | ng    | 96       |
| 71) Phenanthrene               | 17.44 | 178  | 628818   | 42.424  | ng    | 99       |
| 72) Anthracene                 | 17.54 | 178  | 645584   | 43.533  | ng    | 99       |
| 73) Carbazole                  | 17.81 | 167  | 594645   | 44.279  | ng    | 100      |
| 74) Di-n-butylphthalate        | 18.36 | 149  | 691989   | 42.467  | ng    | 99       |
| 75) Fluoranthene               | 19.45 | 202  | 850971   | 44.038  | ng    | 100      |
| 77) Benzidine                  | 19.64 | 184  | 174958   | 26.209  | ng    | 99       |
| 78) Pyrene                     | 19.81 | 202  | 856890   | 41.735  | ng    | 100      |
| 80) Butylbenzylphthalate       | 20.70 | 149  | 318396   | 40.933  | ng    | 96       |
| 81) Benzo(a)anthracene         | 21.65 | 228  | 878932   | 42.303  | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine     | 21.56 | 252  | 304708   | 37.917  | ng    | 97       |
| 83) Chrysene                   | 21.71 | 228  | 854350   | 41.386  | ng    | 100      |
| 84) Bis(2-ethylhexyl)phthalate | 21.55 | 149  | 462188   | 41.829  | ng    | 98       |
| 85) Di-n-octyl phthalate       | 22.75 | 149  | 796695   | 42.499  | ng    | 100      |
| 86) Indeno(1,2,3-cd)pyrene     | 28.51 | 276  | 1103764  | 42.595  | ng    | # 98     |
| 88) Benzo(b)fluoranthene       | 23.85 | 252  | 930132   | 54.000  | ng    | 98       |
| 89) Benzo(k)fluoranthene       | 23.92 | 252  | 929898   | 53.626  | ng    | 98       |
| 90) Benzo(a)pyrene             | 24.72 | 252  | 849403   | 51.640  | ng    | 100      |
| 91) Dibenzo(a,h)anthracene     | 28.58 | 278  | 934597   | 55.550  | ng    | 99       |
| 92) Benzo(g,h,i)perylene       | 29.67 | 276  | 936497   | 56.431  | ng    | 100      |

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





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.02 min Scan# 840

Delta R.T. -0.00 min

Lab File: BG043338.D

Acq: 25 Oct 2019 14:11

Instrument :

BNA\_G

ClientSampleId :

PB124305BS

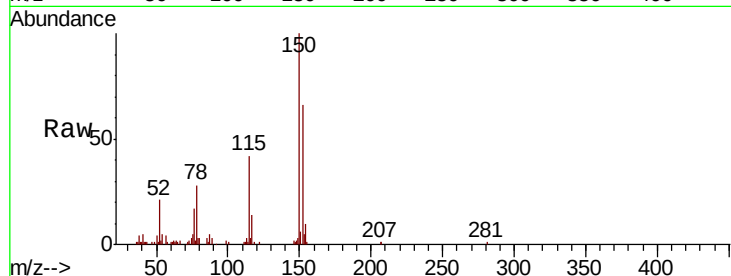
Tot Ion:152 Resp: 35673

Ion Ratio Lower Upper

152 100

150 150.7 113.6 170.4

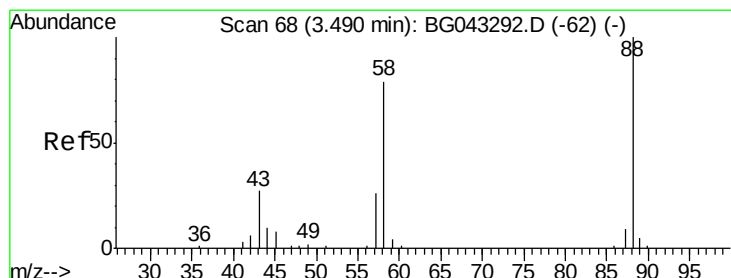
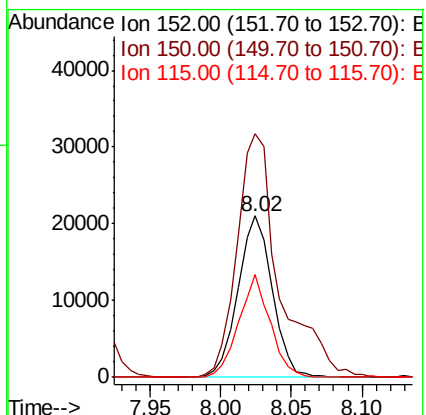
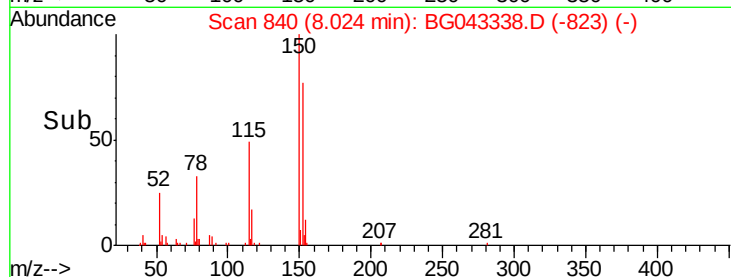
115 63.5 45.9 68.9



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 38.523 ng

RT: 3.48 min Scan# 67

Delta R.T. -0.01 min

Lab File: BG043338.D

Acq: 25 Oct 2019 14:11

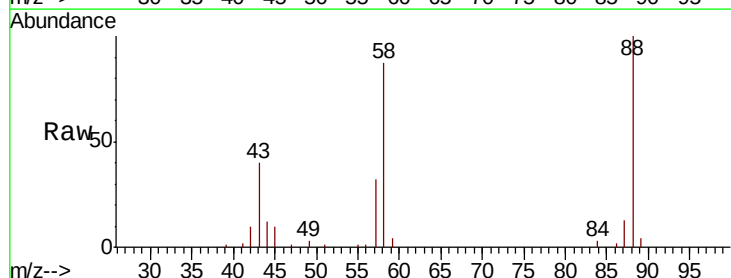
Tgt Ion: 88 Resp: 29225

Ion Ratio Lower Upper

88 100

58 80.7 60.2 90.2

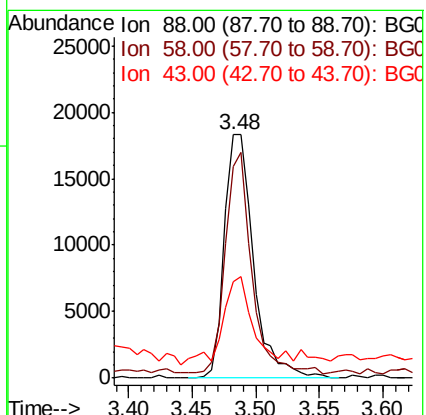
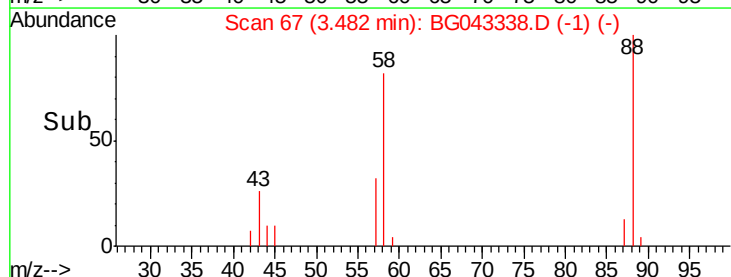
43 36.9 22.7 34.1#

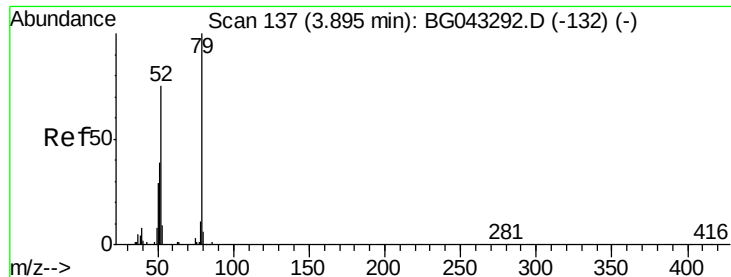


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 36.402 ng

RT: 3.89 min Scan# 136

Delta R.T. -0.01 min

Lab File: BG043338.D

Acq: 25 Oct 2019 14:11

Instrument :

BNA\_G

ClientSampleId :

PB124305BS

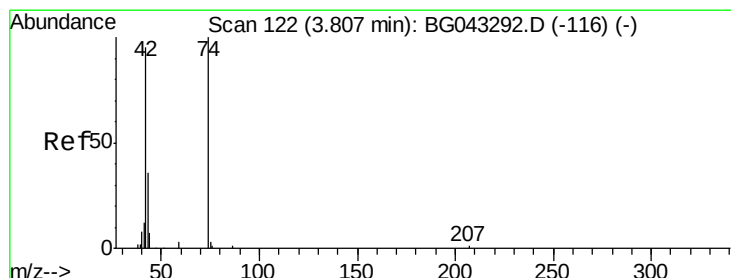
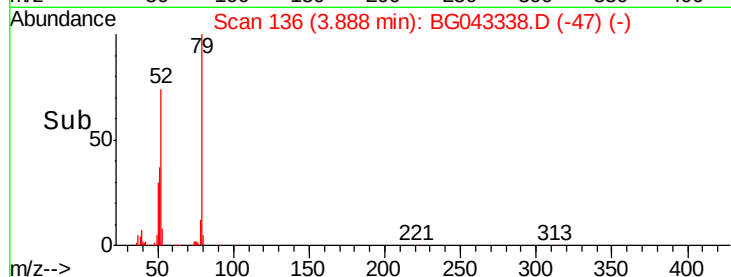
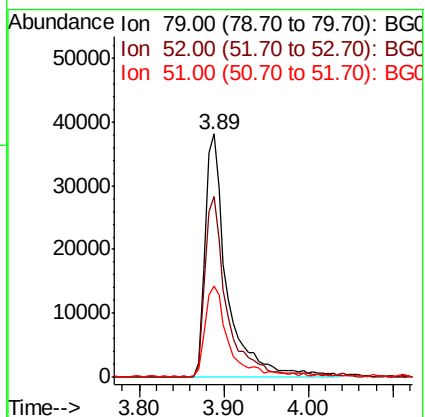
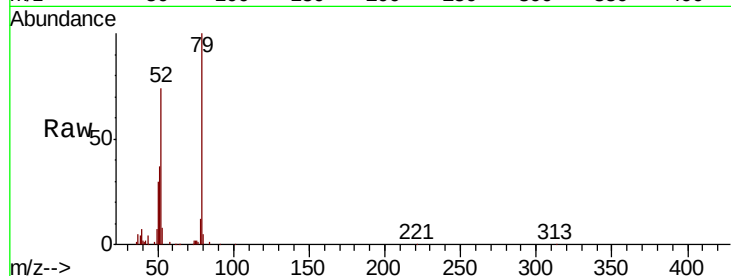
Tot Ion: 79 Resp: 69661

Ion Ratio Lower Upper

79 100

52 74.0 59.7 89.5

51 37.3 31.8 47.6



#4

n-Nitrosodimethylamine

Concen: 43.928 ng

RT: 3.80 min Scan# 121

Delta R.T. -0.01 min

Lab File: BG043338.D

Acq: 25 Oct 2019 14:11

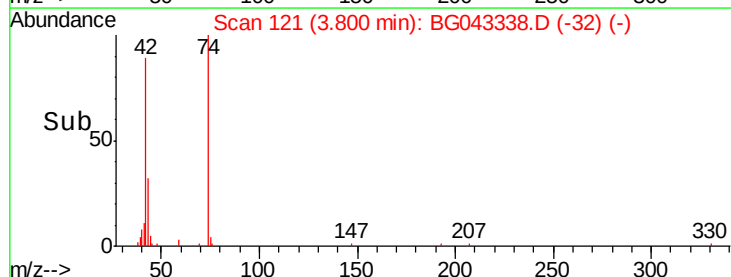
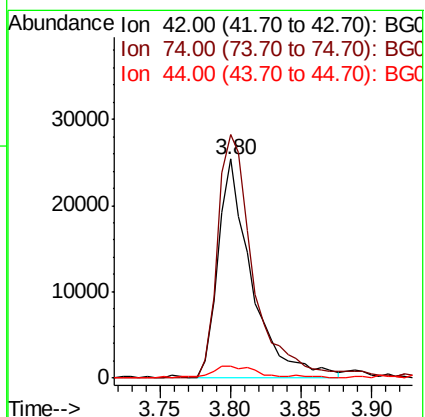
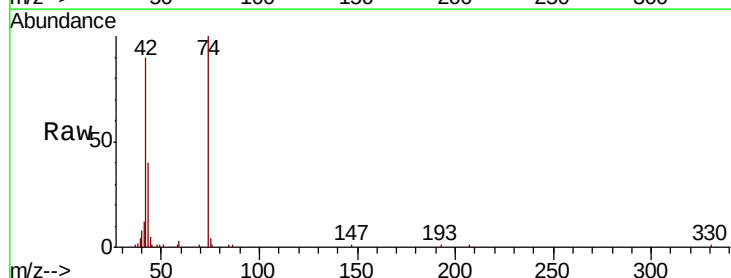
Tgt Ion: 42 Resp: 42419

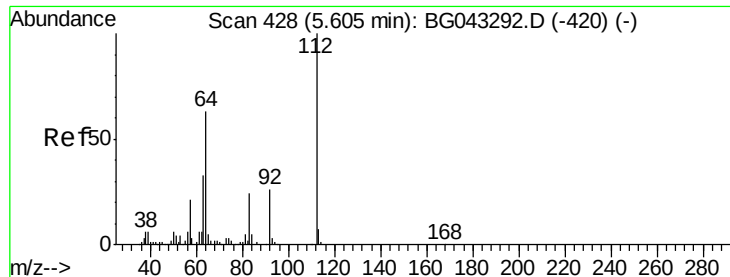
Ion Ratio Lower Upper

42 100

74 111.1 84.2 126.2

44 5.5 6.0 9.0#





#5

2-Fluorophenol

Concen: 144.369 ng

RT: 5.62 min Scan# 430

Delta R.T. 0.01 min

Lab File: BG043338.D

Acq: 25 Oct 2019 14:11

Instrument :

BNA\_G

ClientSampleId :

PB124305BS

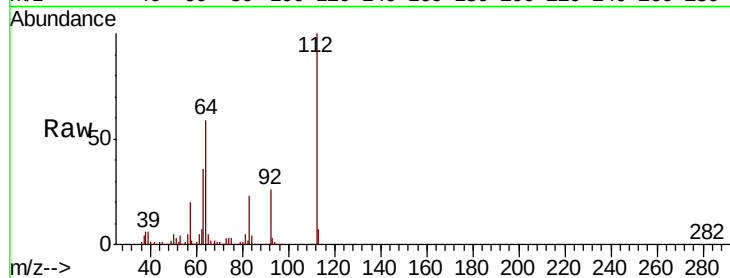
Tot Ion:112 Resp: 281049

Ion Ratio Lower Upper

112 100

64 59.2 50.2 75.2

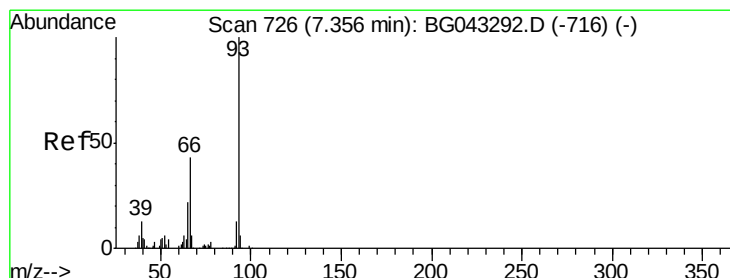
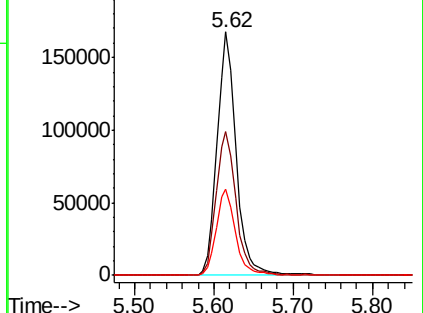
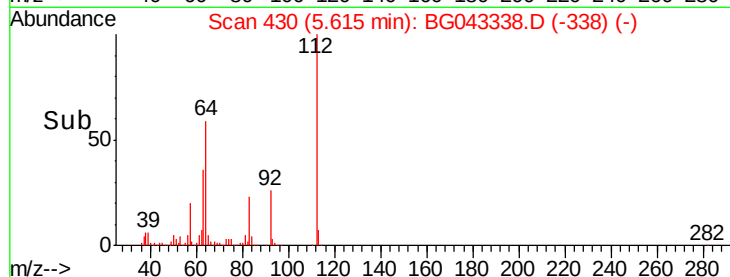
63 35.6 26.7 40.1



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 32.635 ng

RT: 7.35 min Scan# 726

Delta R.T. -0.00 min

Lab File: BG043338.D

Acq: 25 Oct 2019 14:11

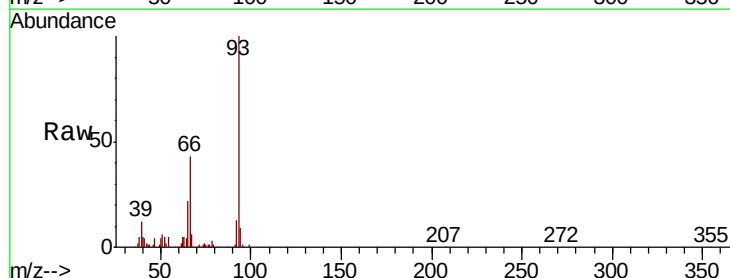
Tgt Ion: 93 Resp: 105299

Ion Ratio Lower Upper

93 100

66 42.6 34.5 51.7

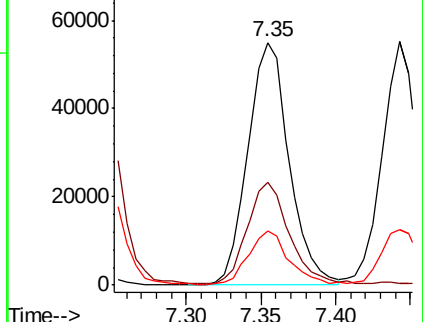
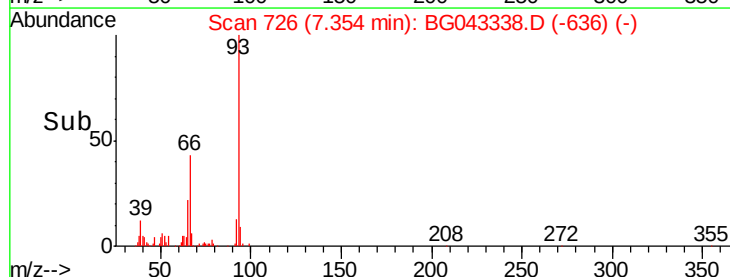
65 22.2 18.0 27.0

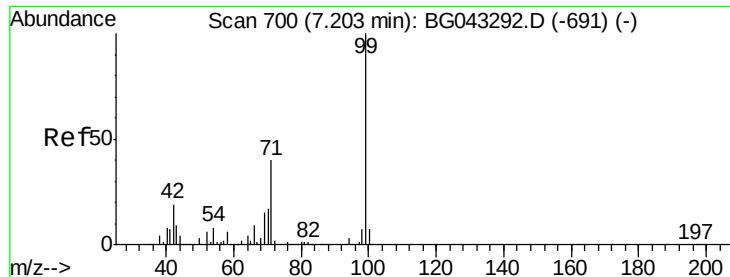


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 134.561 ng

RT: 7.22 min Scan# 703

Delta R.T. 0.02 min

Lab File: BG043338.D

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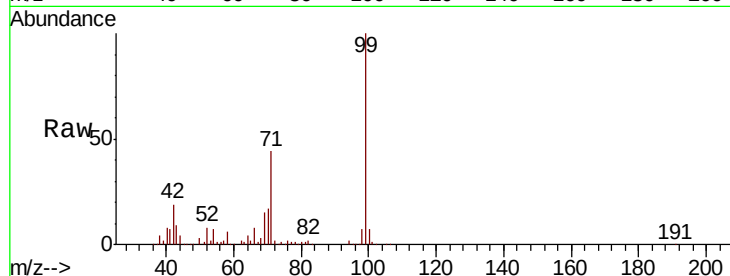
Tot Ion: 99 Resp: 376892

Ion Ratio Lower Upper

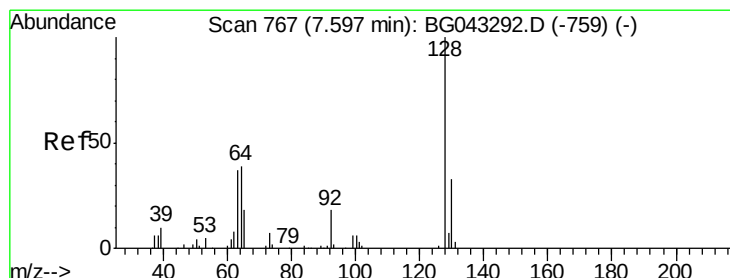
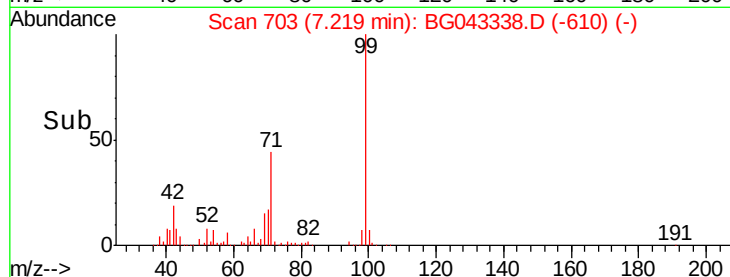
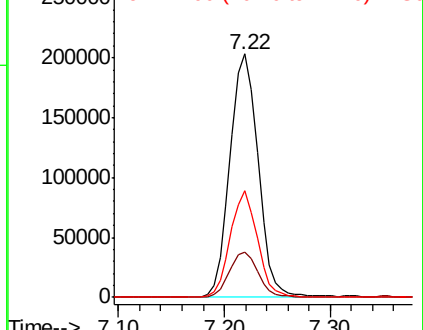
99 100

42 18.8 14.9 22.3

71 43.7 32.2 48.2



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



#8

2-Chlorophenol

Concen: 52.440 ng

RT: 7.60 min Scan# 768

Delta R.T. 0.00 min

Lab File: BG043338.D

Acq: 25 Oct 2019 14:11

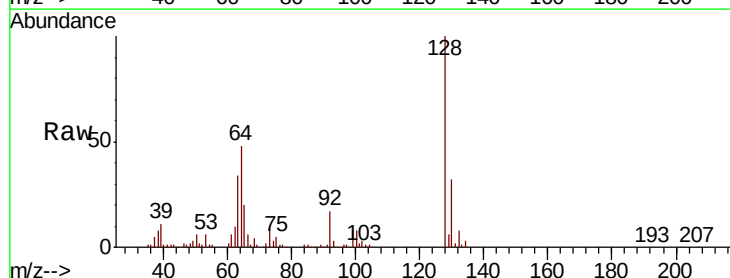
Tgt Ion: 128 Resp: 112692

Ion Ratio Lower Upper

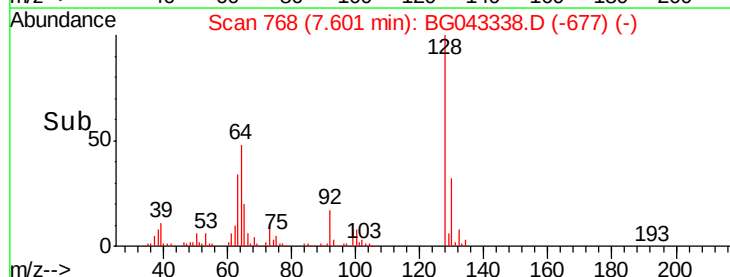
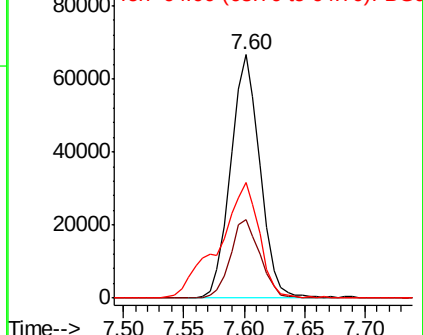
128 100

130 32.4 12.9 52.9

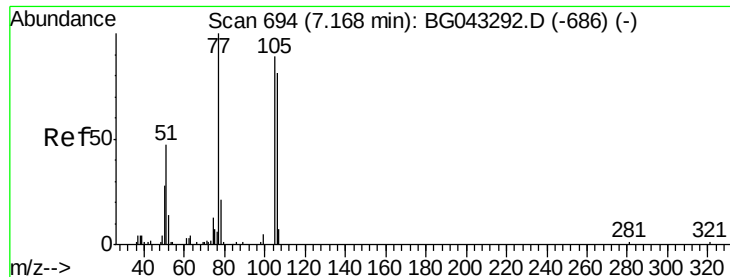
64 47.6 24.9 64.9



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







#9

Benzaldehyde

Concen: 25.285 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.01 min

Lab File: BG043338.D

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Instrument :

BNA\_G

ClientSampleId :

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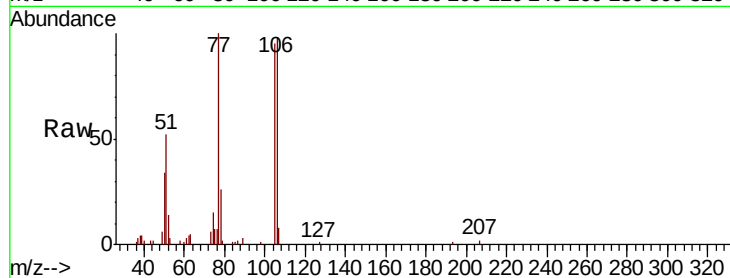
Tot Ion: 77 Resp: 34804

Ion Ratio Lower Upper

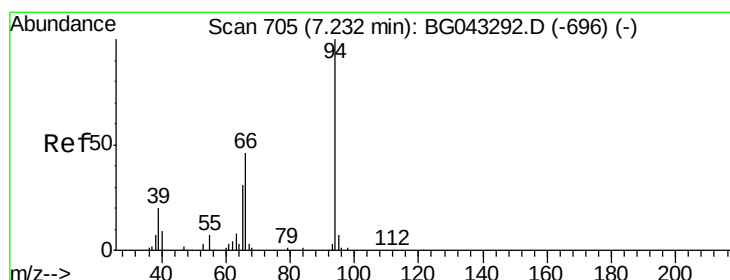
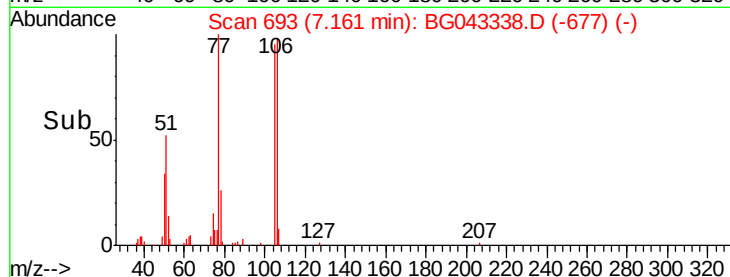
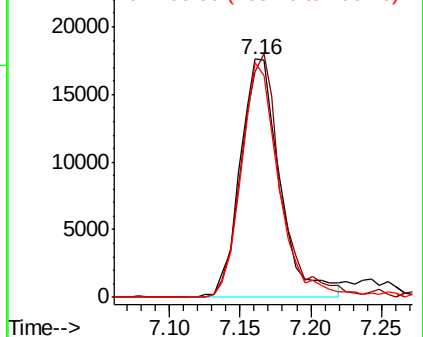
77 100

105 94.7 68.7 108.7

106 98.5 60.5 100.5



Abundance Ion 77.00 (76.70 to 77.70): BGC  
Ion 105.00 (104.70 to 105.70): BGC  
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 52.490 ng

RT: 7.24 min Scan# 707

Delta R.T. 0.01 min

Lab File: BG043338.D

Acq: 25 Oct 2019 14:11

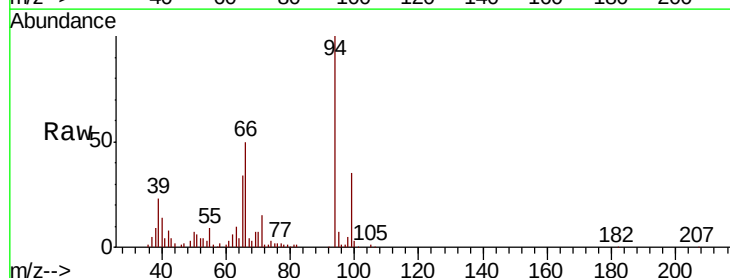
Tgt Ion: 94 Resp: 134346

Ion Ratio Lower Upper

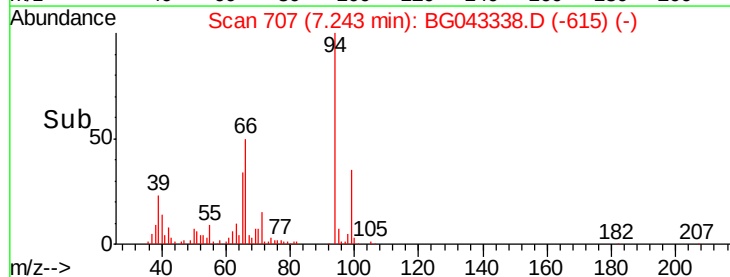
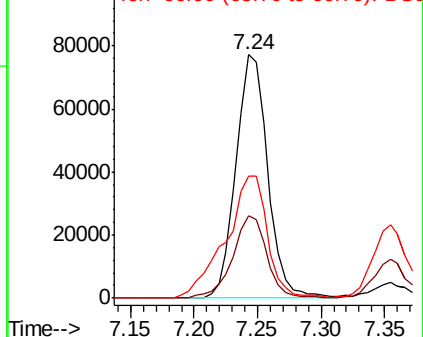
94 100

65 33.8 11.1 51.1

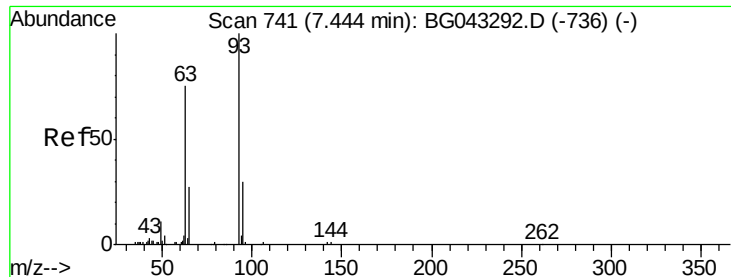
66 50.2 27.8 67.8



Abundance Ion 94.00 (93.70 to 94.70): BGC  
Ion 65.00 (64.70 to 65.70): BGC  
Ion 66.00 (65.70 to 66.70): BGC



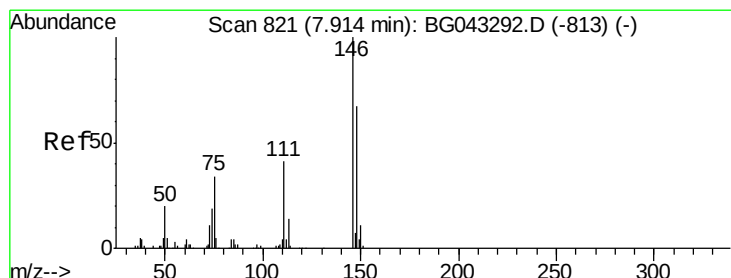
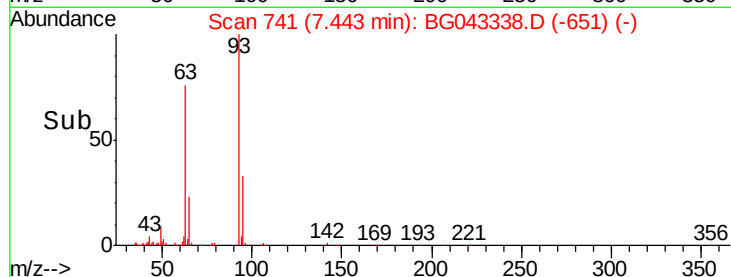
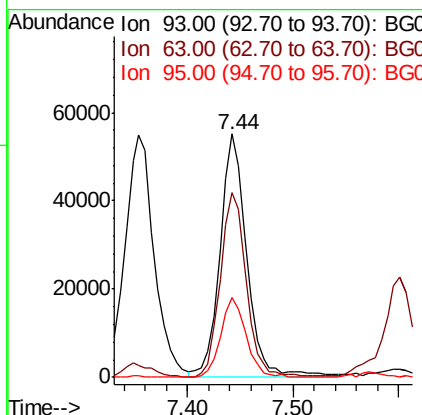
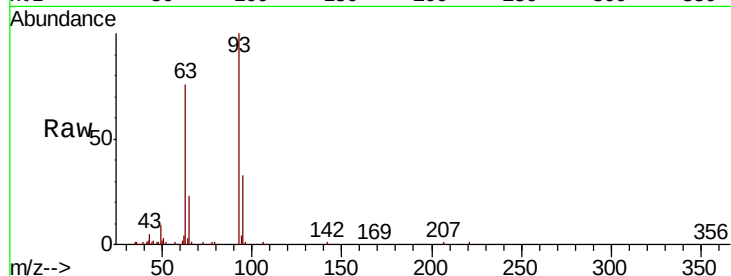




#11  
bis(2-Chloroethyl)ether  
Concen: 48.810 ng  
RT: 7.44 min Scan# 741  
Delta R.T. -0.00 min  
Lab File: BG043338.D  
Acq: 25 Oct 2019 14:11

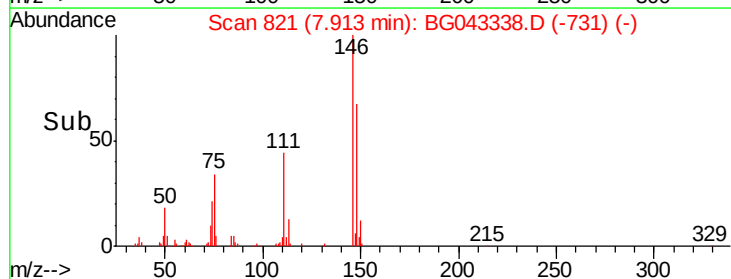
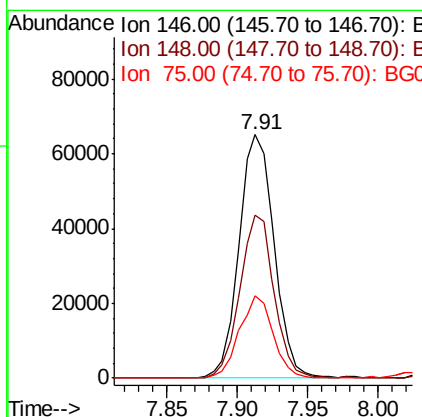
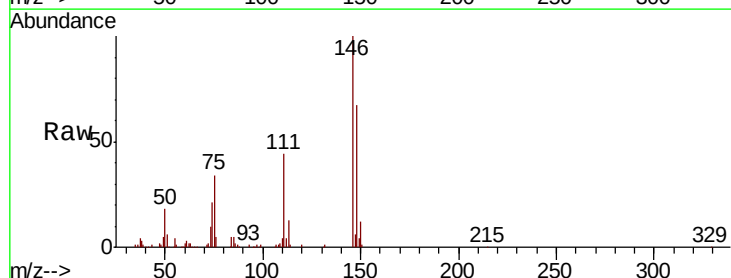
Instrument :  
BNA\_G  
ClientSampleId :  
PB124305BS

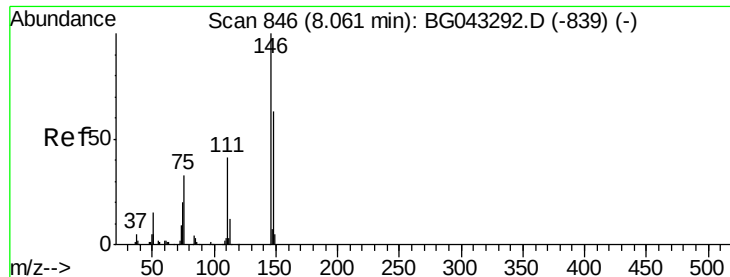
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 63      | 76.0  | 54.6  | 94.6  |
| 95      | 32.8  | 9.7   | 49.7  |



#12  
1,3-Dichlorobenzene  
Concen: 42.171 ng  
RT: 7.91 min Scan# 821  
Delta R.T. -0.00 min  
Lab File: BG043338.D  
Acq: 25 Oct 2019 14:11

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 67.2  | 53.4  | 80.2  |
| 75      | 33.9  | 27.0  | 40.4  |

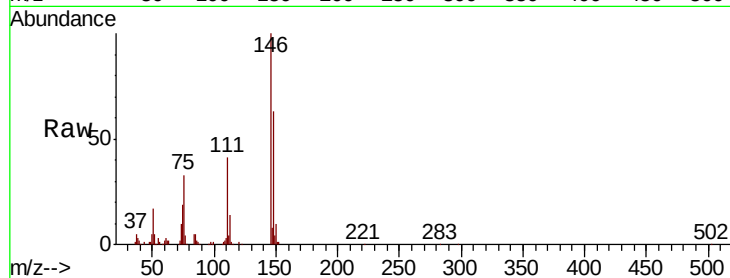




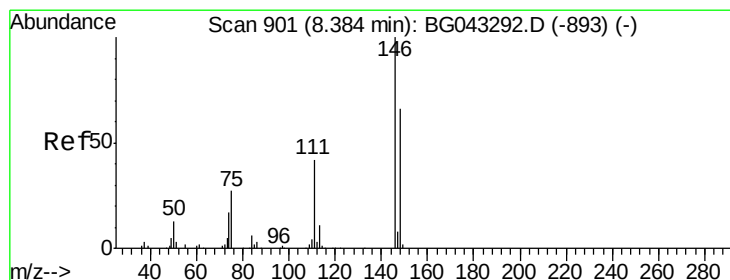
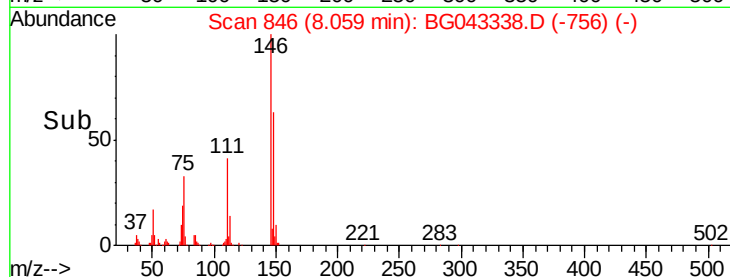
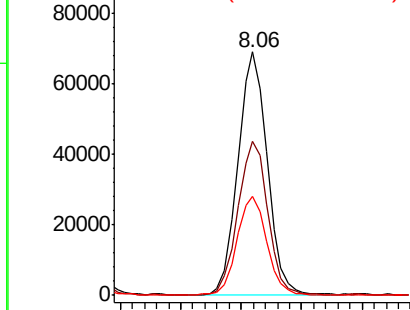
#13  
1,4-Dichlorobenzene  
Concen: 43.187 ng  
RT: 8.06 min Scan# 846  
Delta R.T. -0.00 min  
Lab File: BG043338.D  
Acq: 25 Oct 2019 14:11

Instrument :  
BNA\_G  
ClientSampleId :  
PB124305BS

Tot Ion:146 Resp: 117647  
Ion Ratio Lower Upper  
146 100  
148 63.2 50.7 76.1  
111 40.9 33.0 49.6

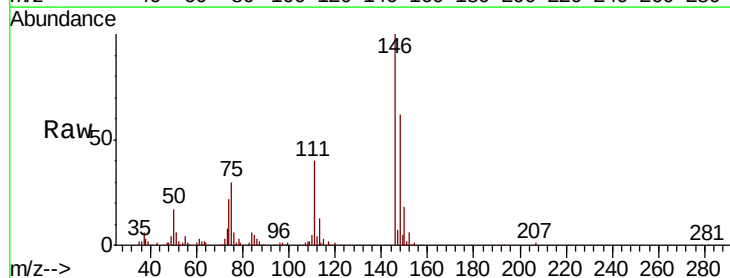


Abundance Ion 146.00 (145.70 to 146.70): E  
Ion 148.00 (147.70 to 148.70): E  
Ion 111.00 (110.70 to 111.70): E

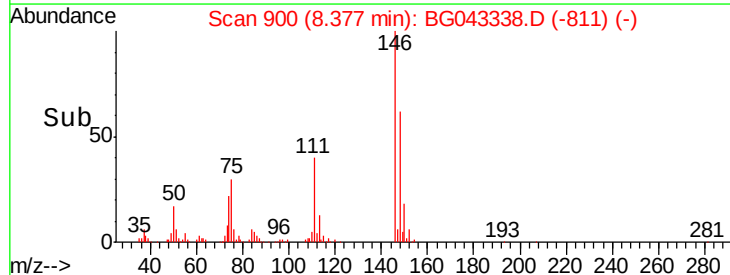
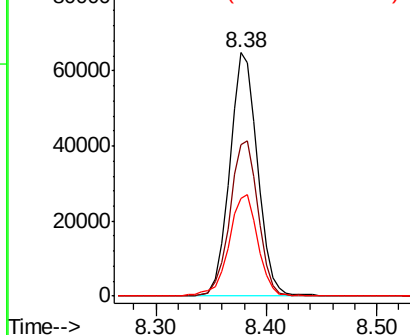


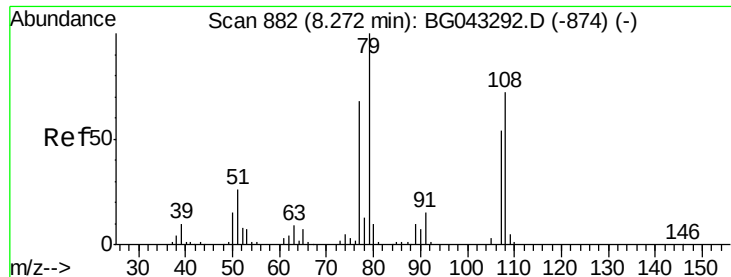
#14  
1,2-Dichlorobenzene  
Concen: 42.946 ng  
RT: 8.38 min Scan# 900  
Delta R.T. -0.01 min  
Lab File: BG043338.D  
Acq: 25 Oct 2019 14:11

Tgt Ion:146 Resp: 114230  
Ion Ratio Lower Upper  
146 100  
148 62.2 53.0 79.4  
111 40.2 34.5 51.7



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





#15

Benzyl Alcohol

Concen: 51.099 ng

RT: 8.27 min Scan# 882

Delta R.T. -0.00 min

Lab File: BG043338.D

Acq: 25 Oct 2019 14:11

Instrument :

BNA\_G

ClientSampleId :

PB124305BS

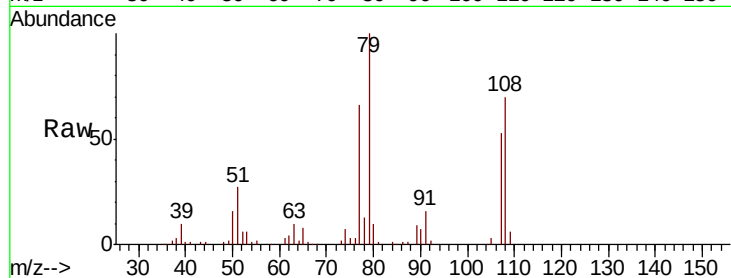
Tot Ion: 79 Resp: 100516

Ion Ratio Lower Upper

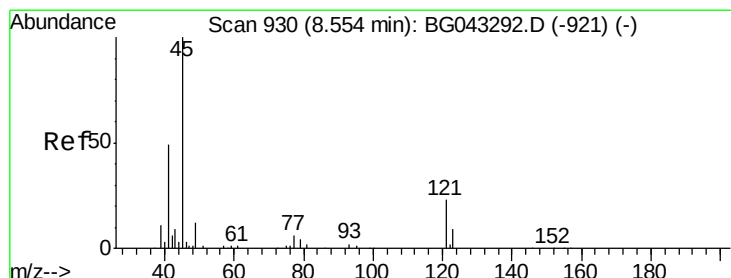
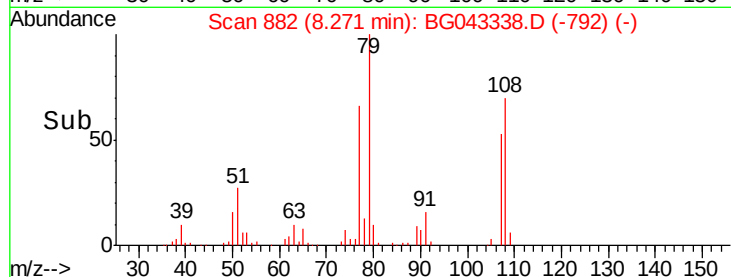
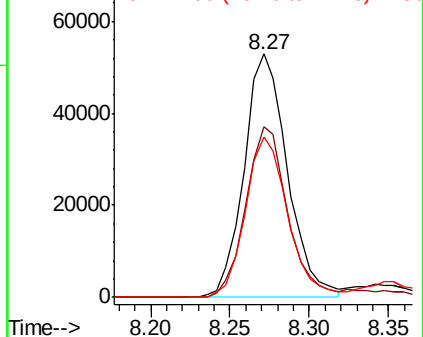
79 100

108 70.1 57.3 85.9

77 65.8 54.6 81.8



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 44.536 ng

RT: 8.55 min Scan# 929

Delta R.T. -0.01 min

Lab File: BG043338.D

Acq: 25 Oct 2019 14:11

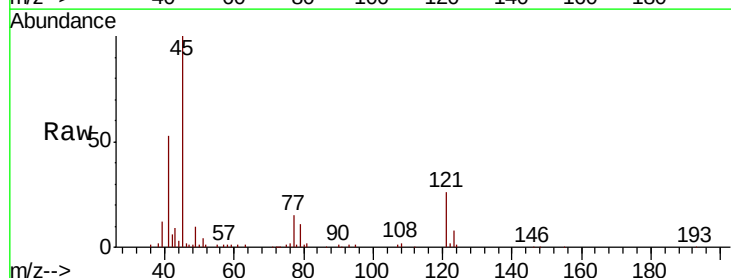
Tgt Ion: 45 Resp: 128147

Ion Ratio Lower Upper

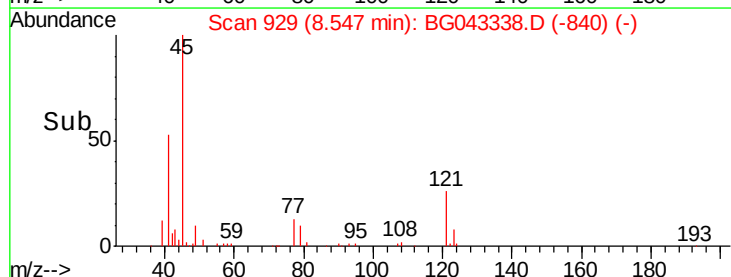
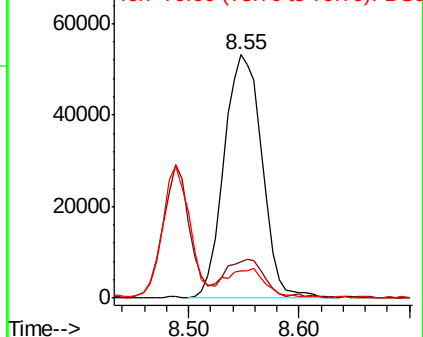
45 100

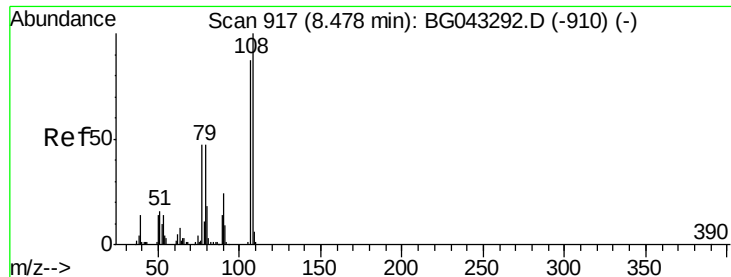
77 14.8 0.0 34.2

79 11.3 0.0 32.3



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





#17

2-Methylphenol

Concen: 52.216 ng

RT: 8.49 min Scan# 919

Delta R.T. 0.01 min

Lab File: BG043338.D

Acq: 25 Oct 2019 14:11

Instrument :

BNA\_G

ClientSampleId :

PB124305BS

Tot Ion:107 Resp: 97427

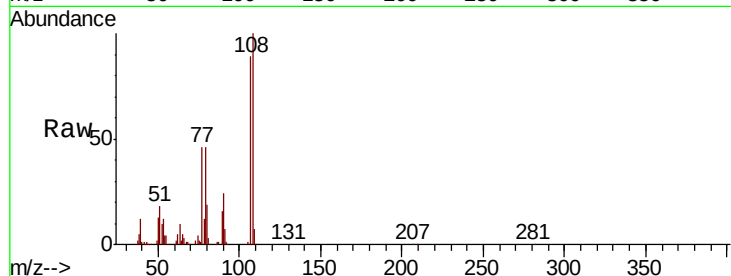
Ion Ratio Lower Upper

107 100

108 111.9 91.3 136.9

77 52.0 43.0 64.6

79 51.2 43.4 65.2



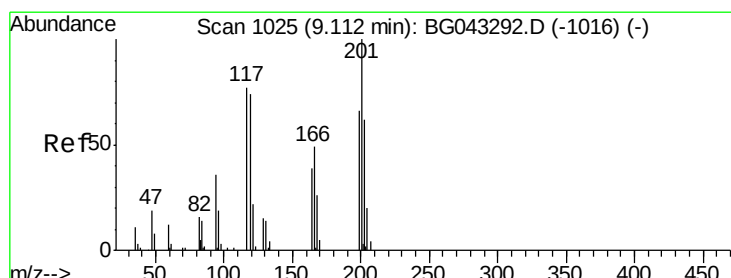
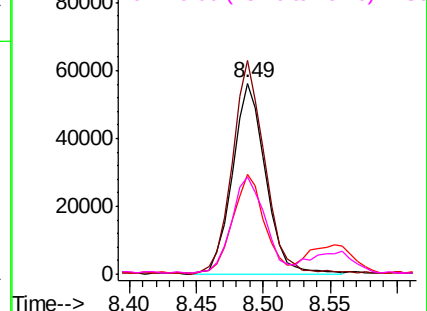
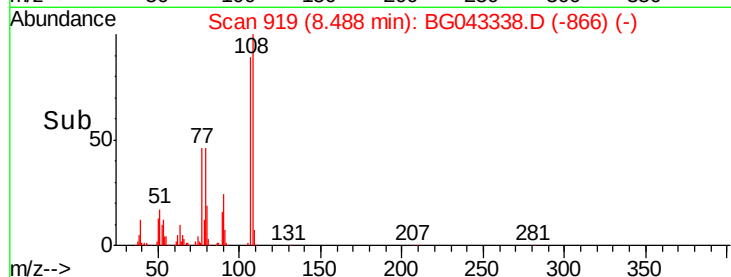
Abundance

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: 42.156 ng

RT: 9.11 min Scan# 1025

Delta R.T. -0.00 min

Lab File: BG043338.D

Acq: 25 Oct 2019 14:11

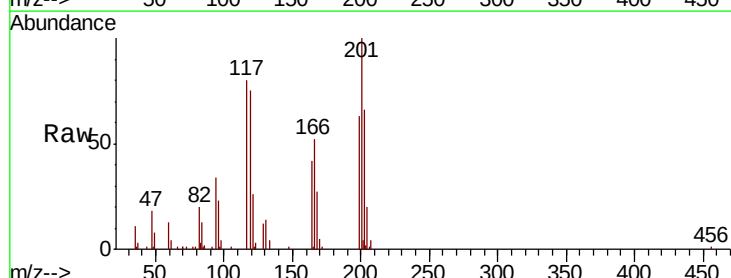
Tgt Ion:117 Resp: 41433

Ion Ratio Lower Upper

117 100

119 93.2 77.3 115.9

201 125.0 104.2 156.4

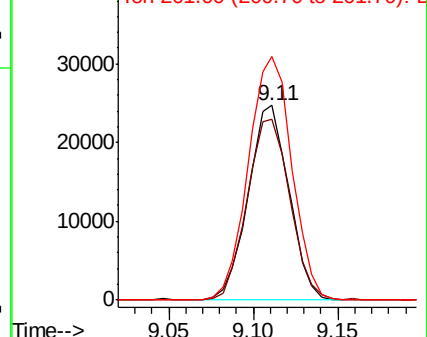
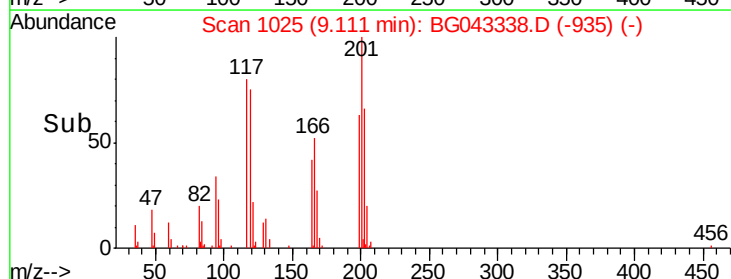


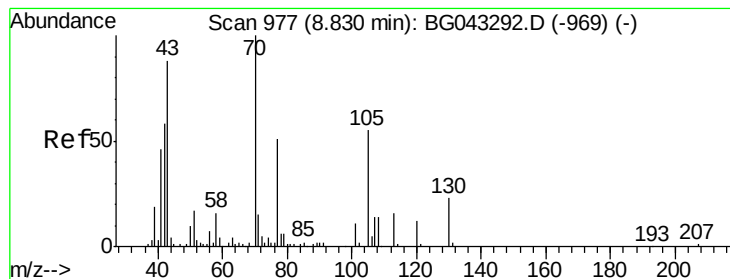
Abundance

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: 46.000 ng

RT: 8.83 min Scan# 977

Delta R.T. -0.00 min

Lab File: BG043338.D

Acq: 25 Oct 2019 14:11

Instrument :

BNA\_G

ClientSampleId :

PB124305BS

Tot Ion: 70 Resp: 83255

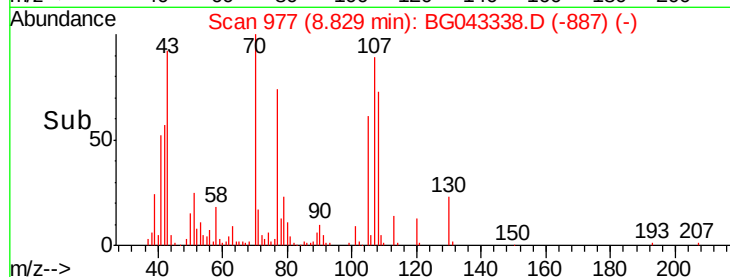
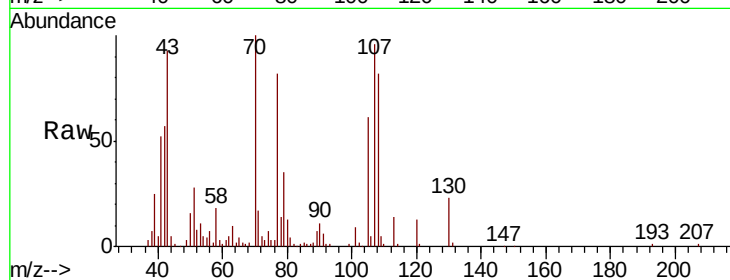
Ion Ratio Lower Upper

70 100

42 57.4 46.2 69.2

101 9.4 8.6 13.0

130 23.0 18.6 27.8



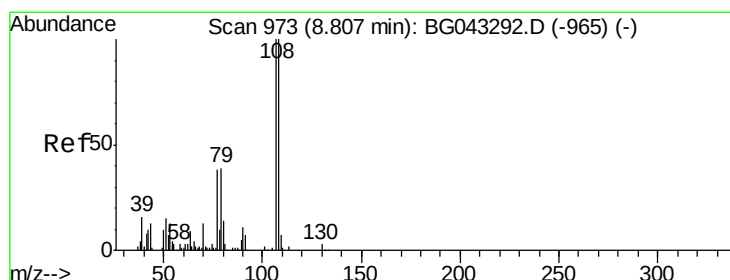
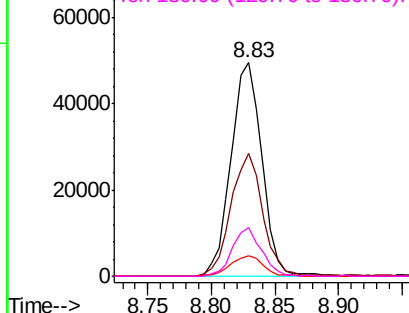
Abundance

Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20

3+4-Methylphenols

Concen: 50.912 ng

RT: 8.82 min Scan# 976

Delta R.T. 0.02 min

Lab File: BG043338.D

Acq: 25 Oct 2019 14:11

Tgt Ion: 107 Resp: 130260

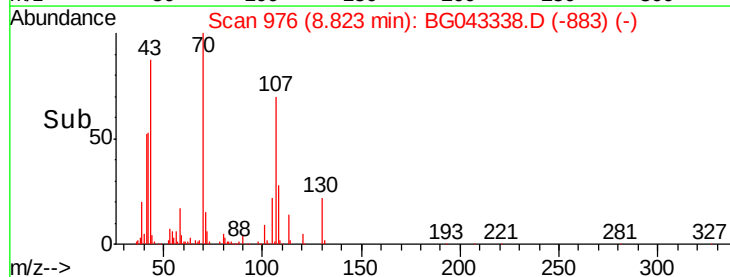
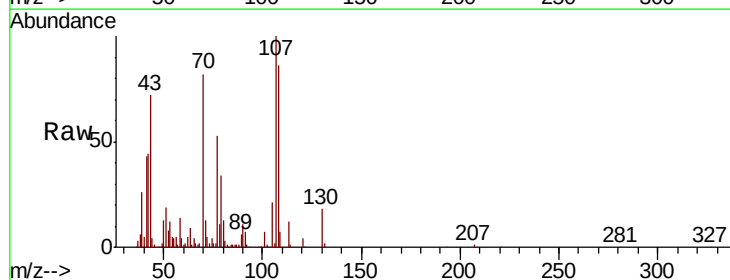
Ion Ratio Lower Upper

107 100

108 85.6 80.3 120.3

77 53.0 18.2 58.2

79 33.8 18.8 58.8



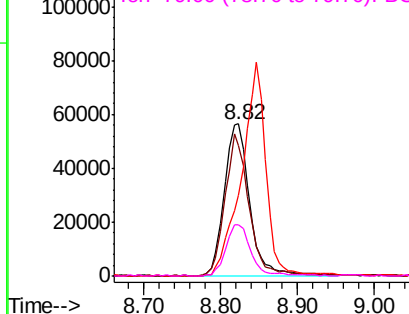
Abundance

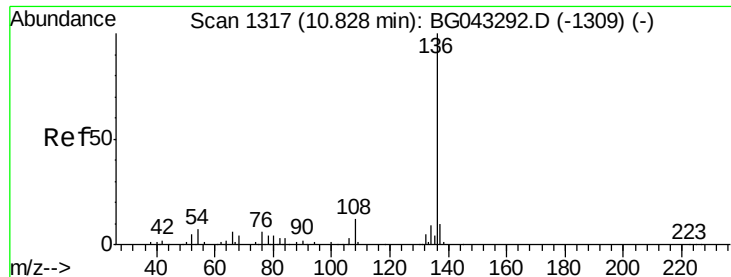
Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.83 min Scan# 1318

Delta R.T. 0.00 min

Lab File: BG043338.D

Acq: 25 Oct 2019 14:11

Instrument :

BNA\_G

ClientSampleId :

PB124305BS

Tot Ion:136 Resp: 152920

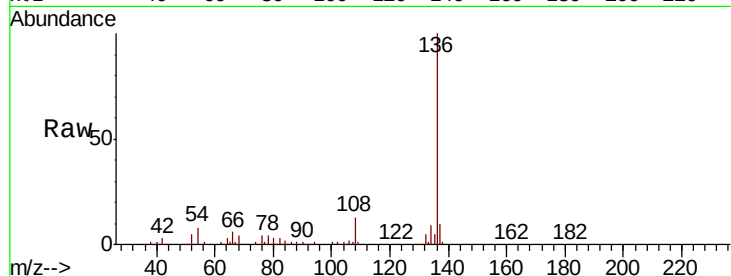
Ion Ratio Lower Upper

136 100

137 10.4 8.2 12.2

54 7.6 5.4 8.2

68 3.9 3.3 4.9

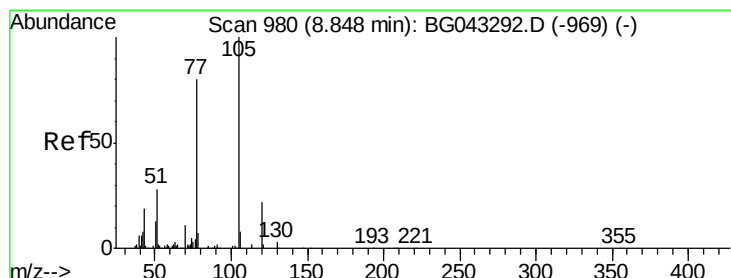
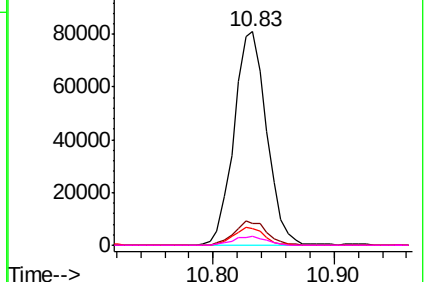
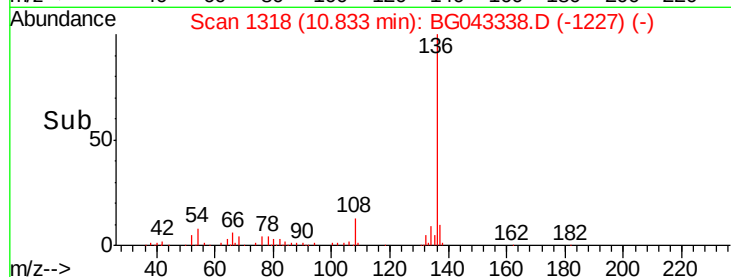


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 41.447 ng

RT: 8.85 min Scan# 980

Delta R.T. -0.00 min

Lab File: BG043338.D

Acq: 25 Oct 2019 14:11

Tgt Ion:105 Resp: 162312

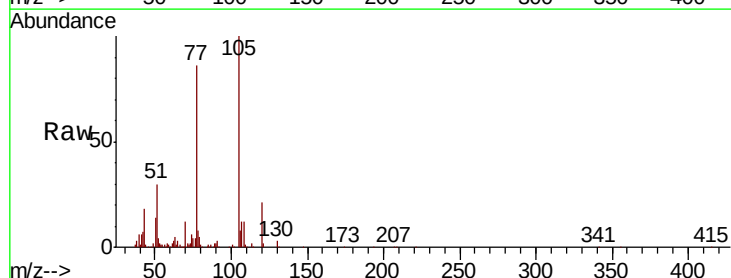
Ion Ratio Lower Upper

105 100

71 1.9 1.5 2.3

51 29.8 23.9 35.9

120 20.8 17.3 25.9

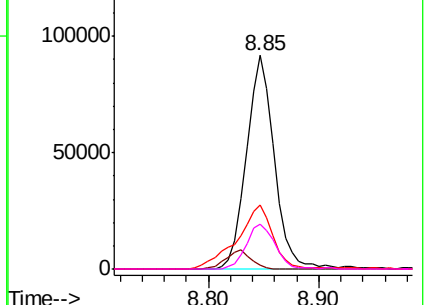
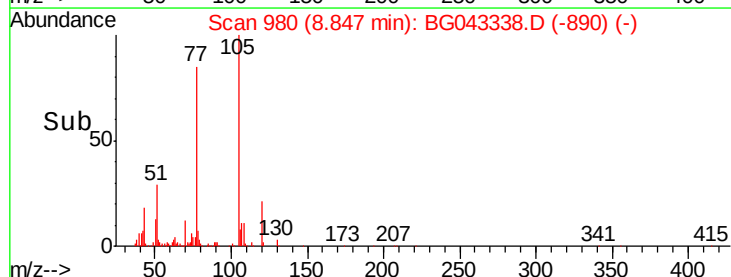


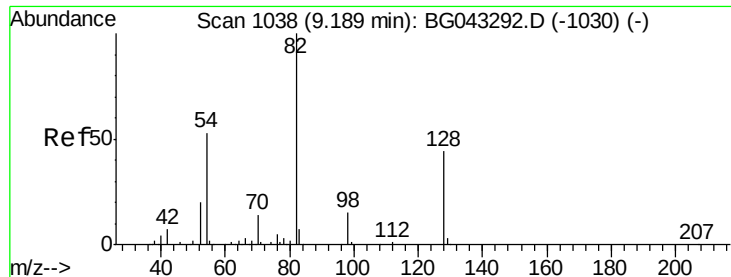
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 64.529 ng

RT: 9.19 min Scan# 1038

Delta R.T. -0.00 min

Lab File: BG043338.D

Acq: 25 Oct 2019 14:11

Instrument :

BNA\_G

ClientSampleId :

PB124305BS

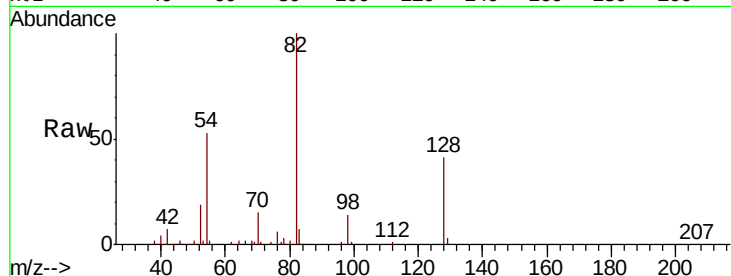
Tot Ion: 82 Resp: 191404

Ion Ratio Lower Upper

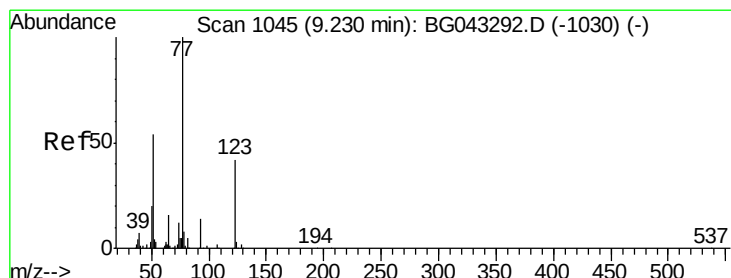
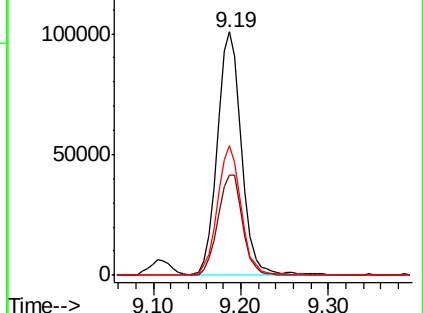
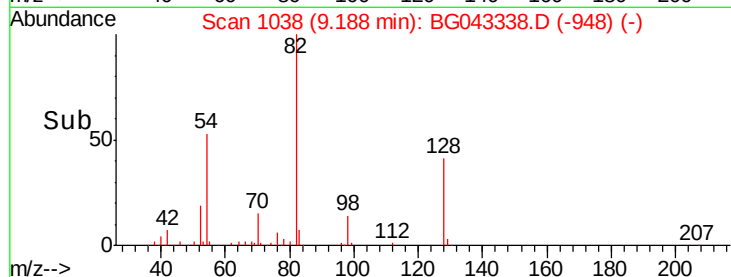
82 100

128 41.1 35.3 52.9

54 53.3 42.3 63.5



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



#24

Nitrobenzene

Concen: 44.464 ng

RT: 9.23 min Scan# 1045

Delta R.T. -0.00 min

Lab File: BG043338.D

Acq: 25 Oct 2019 14:11

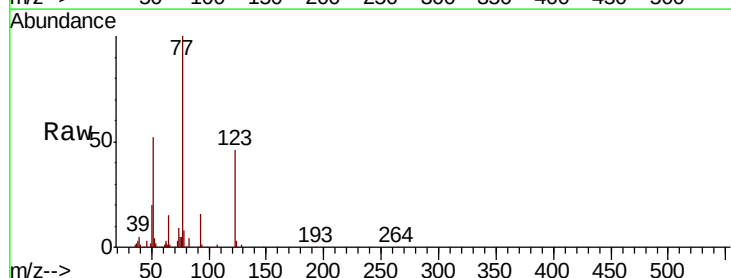
Tgt Ion: 77 Resp: 125637

Ion Ratio Lower Upper

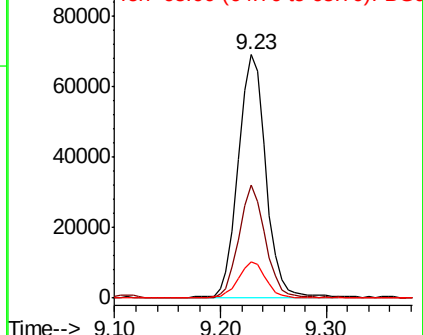
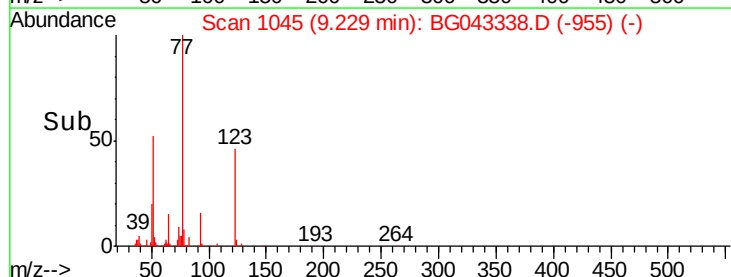
77 100

123 46.4 33.8 50.8

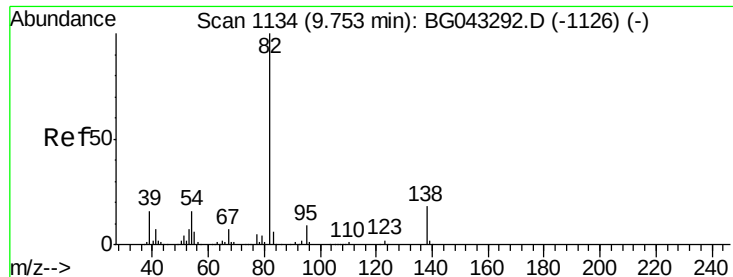
65 15.0 13.0 19.4



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







#25

Isophorone

Concen: 43.397 ng

RT: 9.75 min Scan# 1134

Delta R.T. -0.00 min

Lab File: BG043338.D

Acq: 25 Oct 2019 14:11

Instrument :

BNA\_G

ClientSampleId :

PB124305BS

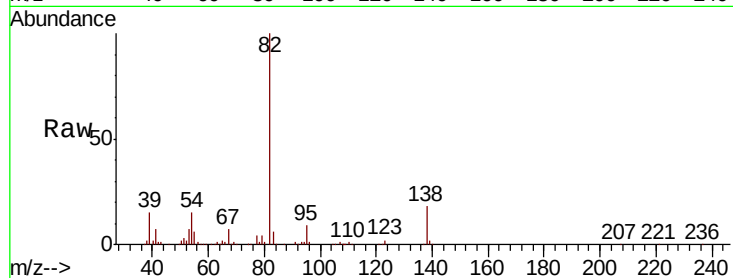
Tot Ion: 82 Resp: 235342

Ion Ratio Lower Upper

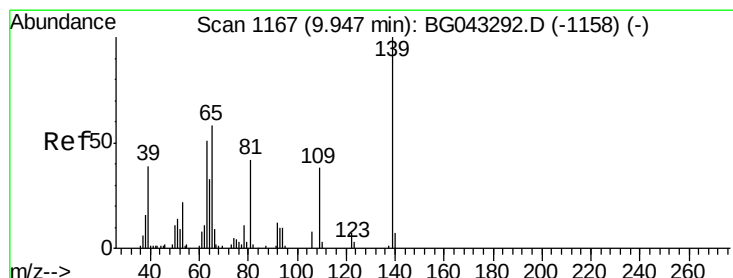
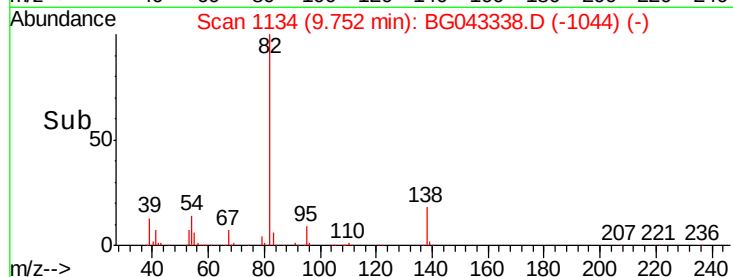
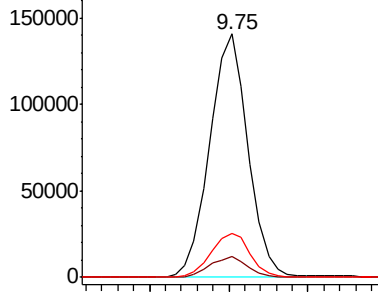
82 100

95 8.7 6.9 10.3

138 18.0 14.2 21.2



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: 47.827 ng

RT: 9.95 min Scan# 1167

Delta R.T. -0.00 min

Lab File: BG043338.D

Acq: 25 Oct 2019 14:11

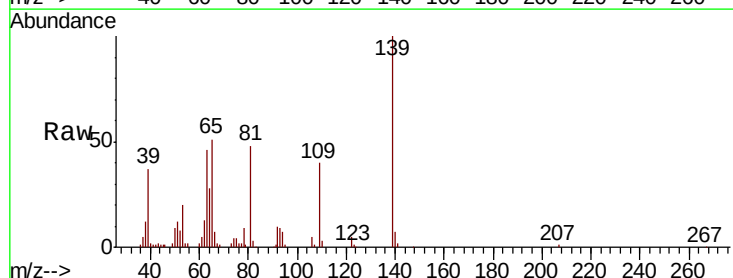
Tgt Ion: 139 Resp: 65243

Ion Ratio Lower Upper

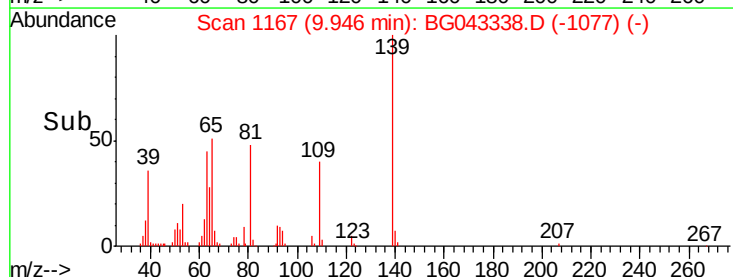
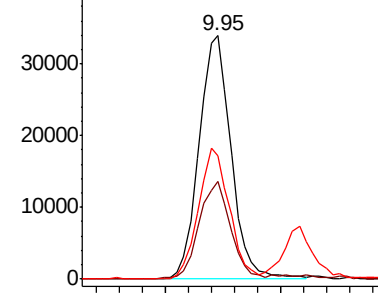
139 100

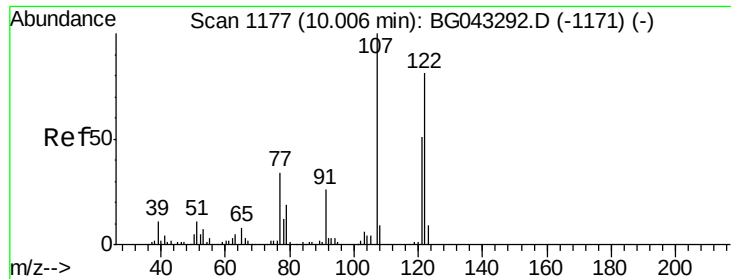
109 39.9 30.1 45.1

65 50.5 46.1 69.1



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

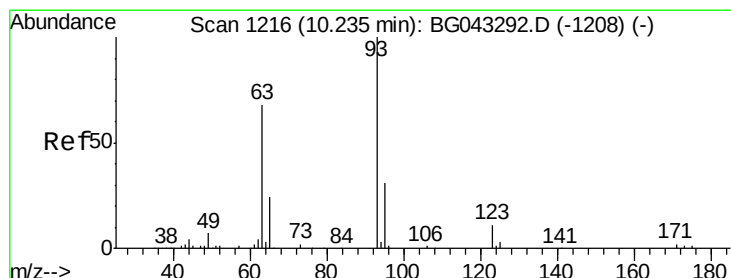
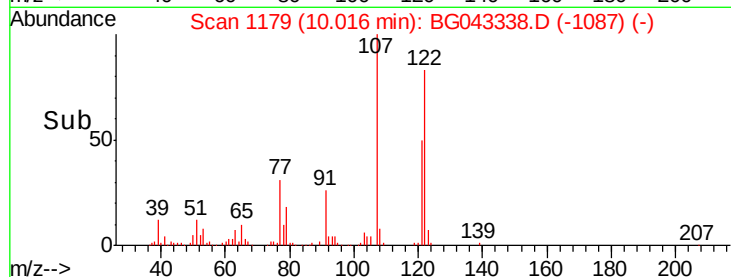
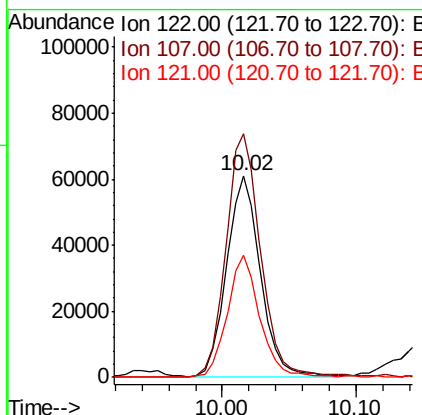
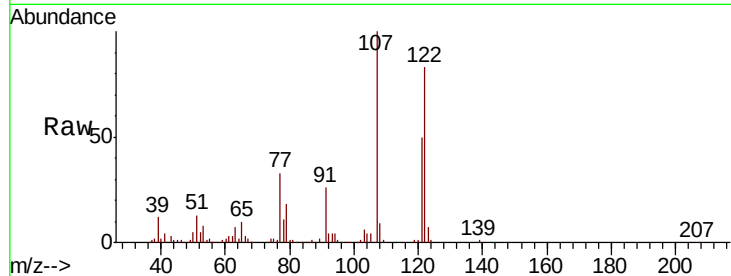




#27  
 2,4-Dimethylphenol  
 Concen: 54.707 ng  
 RT: 10.02 min Scan# 1179  
 Delta R.T. 0.01 min  
 Lab File: BG043338.D  
 Acq: 25 Oct 2019 14:11

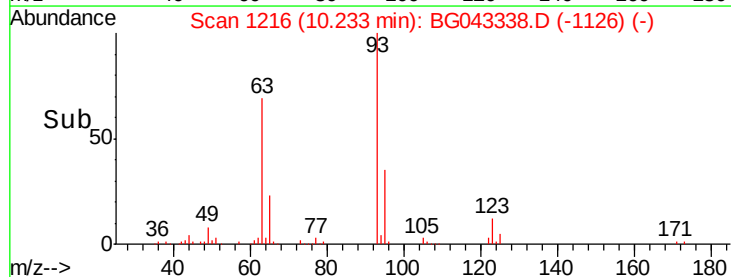
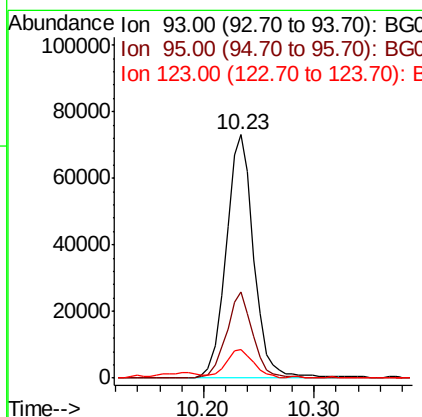
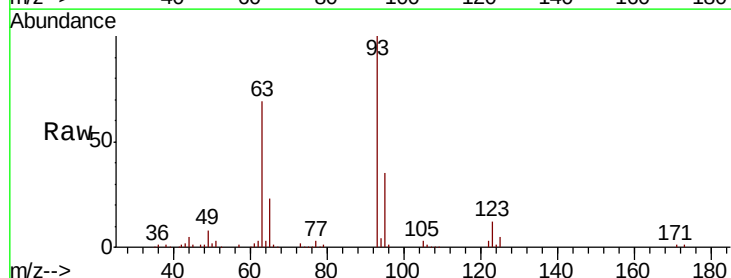
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB124305BS

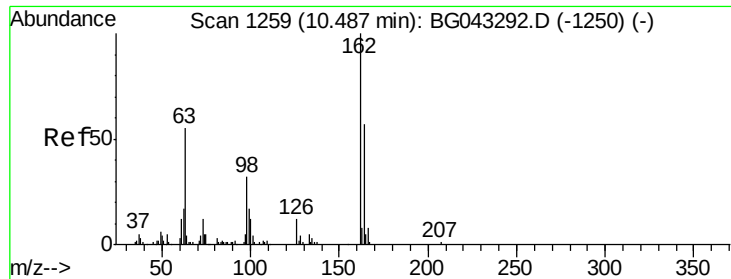
Tot Ion:122 Resp: 106963  
 Ion Ratio Lower Upper  
 122 100  
 107 120.7 98.6 147.8  
 121 60.5 50.1 75.1



#28  
 bis(2-Chloroethoxy)methane  
 Concen: 42.574 ng  
 RT: 10.23 min Scan# 1216  
 Delta R.T. -0.00 min  
 Lab File: BG043338.D  
 Acq: 25 Oct 2019 14:11

Tgt Ion: 93 Resp: 127426  
 Ion Ratio Lower Upper  
 93 100  
 95 35.5 24.9 37.3  
 123 11.5 8.9 13.3

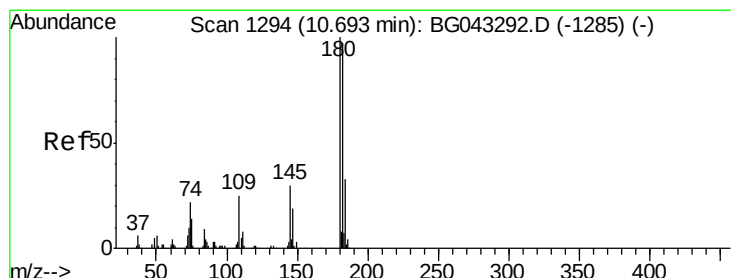
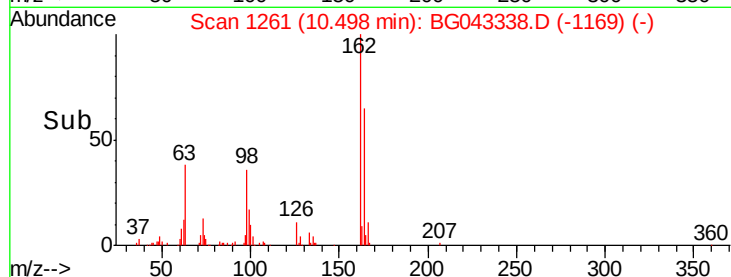
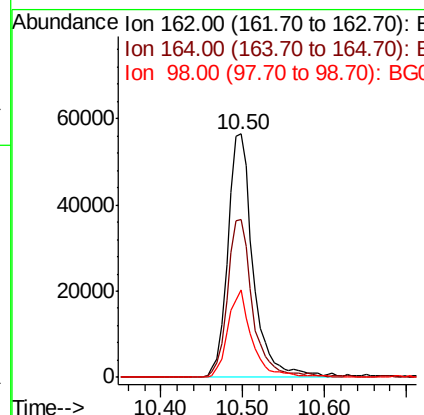
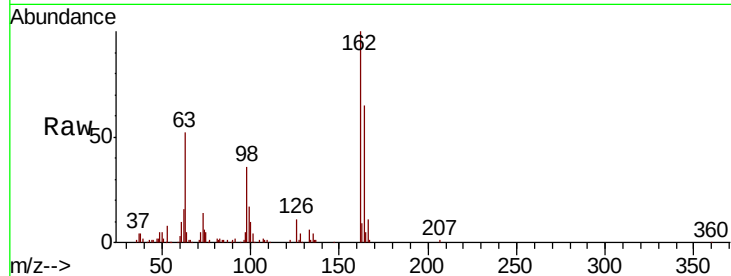




#29  
 2,4-Dichlorophenol  
 Concen: 48.897 ng  
 RT: 10.50 min Scan# 1261  
 Delta R.T. 0.01 min  
 Lab File: BG043338.D  
 Acq: 25 Oct 2019 14:11

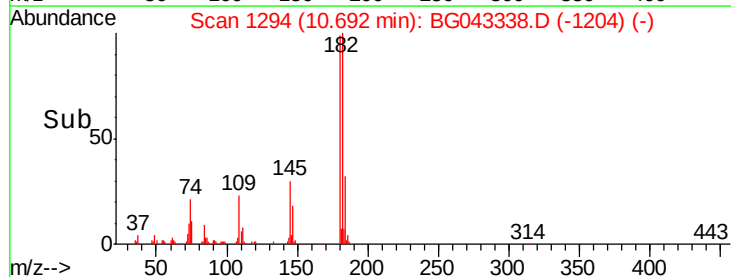
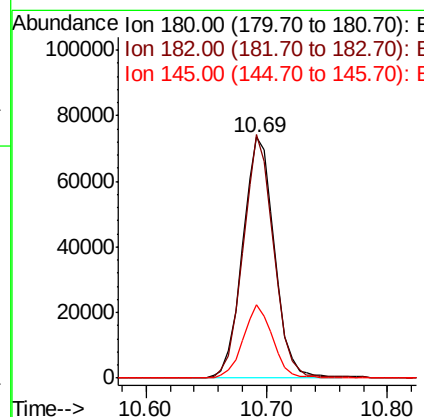
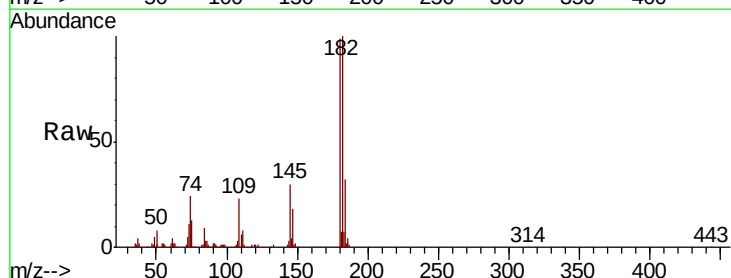
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB124305BS

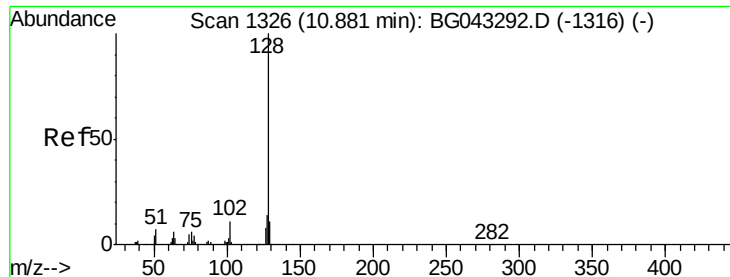
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 64.8  | 37.3  | 77.3  |
| 98      | 35.9  | 11.8  | 51.8  |



#30  
 1,2,4-Trichlorobenzene  
 Concen: 42.564 ng  
 RT: 10.69 min Scan# 1294  
 Delta R.T. -0.00 min  
 Lab File: BG043338.D  
 Acq: 25 Oct 2019 14:11

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 101.1 | 77.8  | 116.8 |
| 145     | 30.6  | 23.6  | 35.4  |

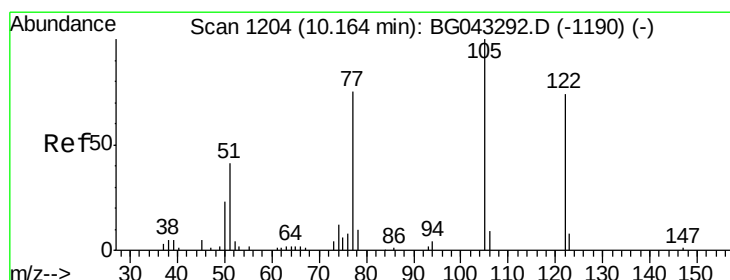
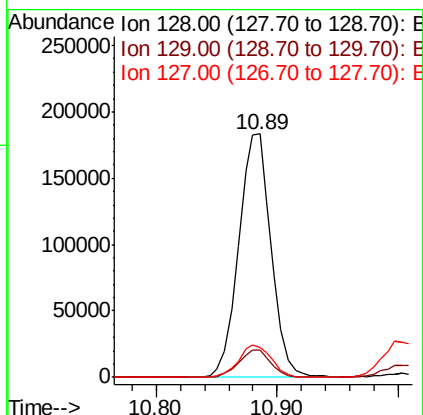
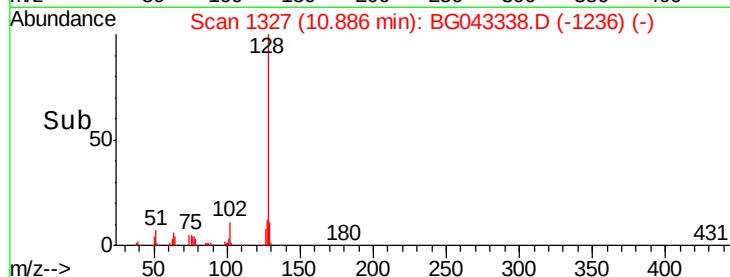
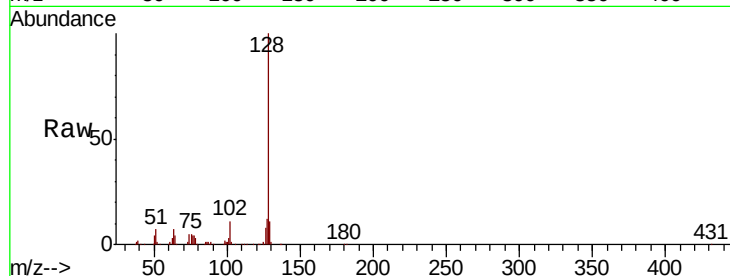




#31  
Naphthalene  
Concen: 44.125 ng  
RT: 10.89 min Scan# 1327  
Delta R.T. 0.00 min  
Lab File: BG043338.D  
Acq: 25 Oct 2019 14:11

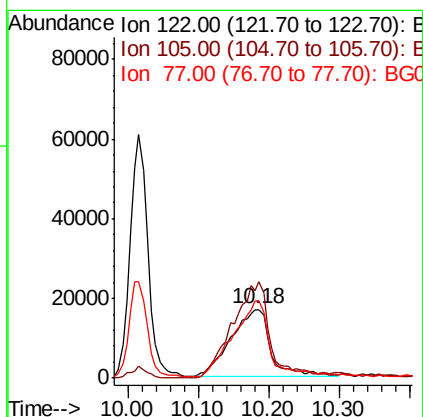
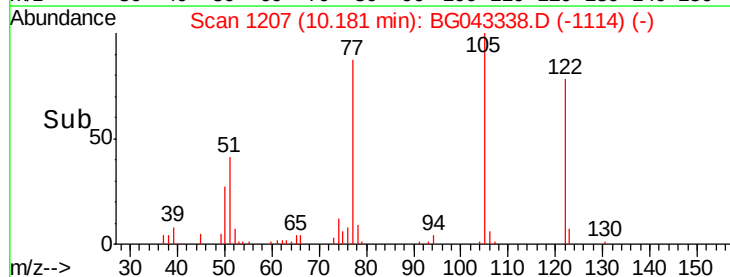
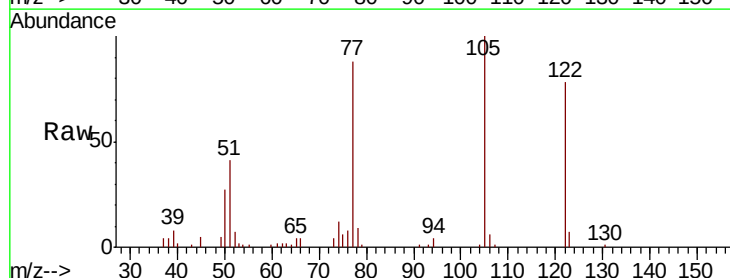
Instrument :  
BNA\_G  
ClientSampleId :  
PB124305BS

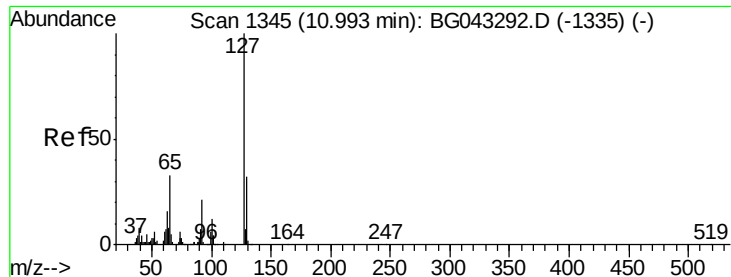
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 11.3  | 8.6   | 12.8  |
| 127     | 12.4  | 11.5  | 17.3  |



#32  
Benzoic acid  
Concen: 44.315 ng  
RT: 10.18 min Scan# 1207  
Delta R.T. 0.02 min  
Lab File: BG043338.D  
Acq: 25 Oct 2019 14:11

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 105     | 128.1 | 112.4 | 152.4 |
| 77      | 113.0 | 82.7  | 122.7 |

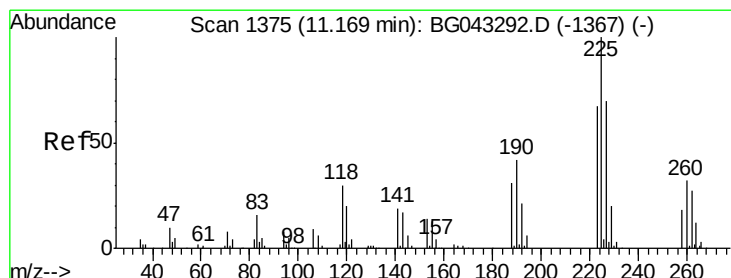
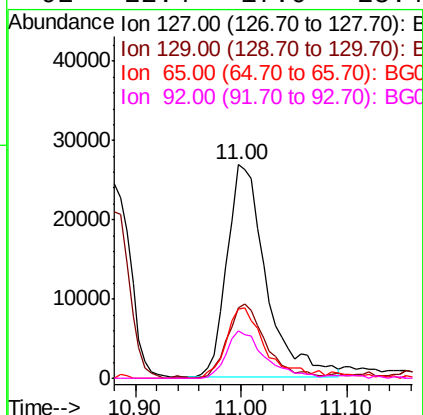
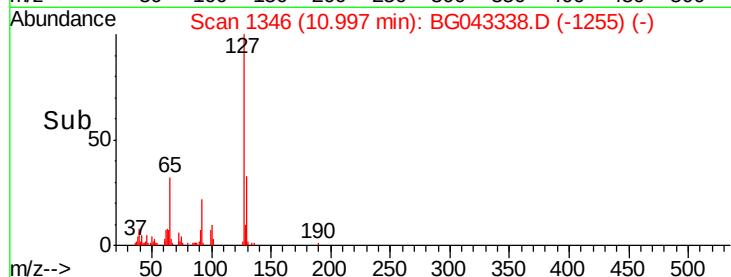
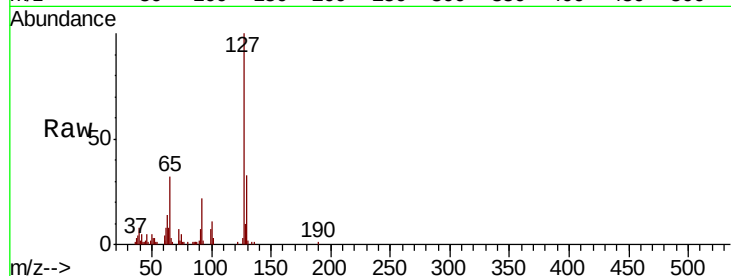




#33  
4-Chloroaniline  
Concen: 21.732 ng  
RT: 11.00 min Scan# 1346  
Delta R.T. 0.00 min  
Lab File: BG043338.D  
Acq: 25 Oct 2019 14:11

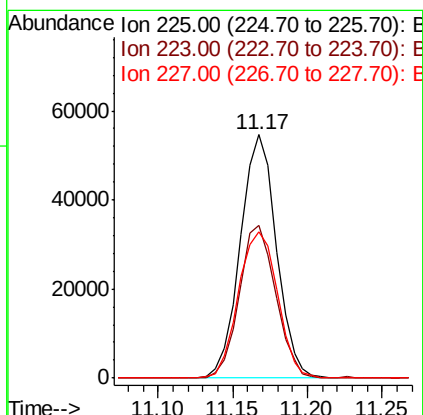
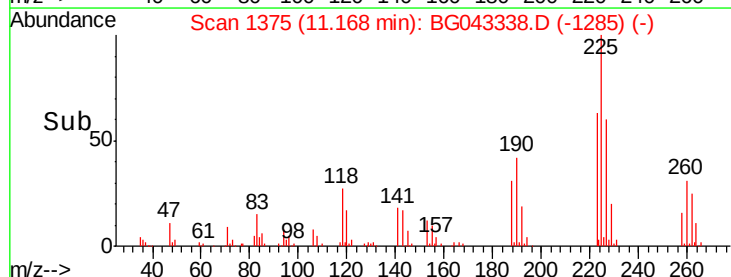
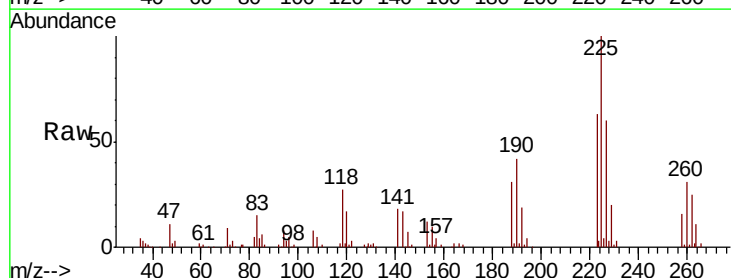
Instrument :  
BNA\_G  
ClientSampleId :  
PB124305BS

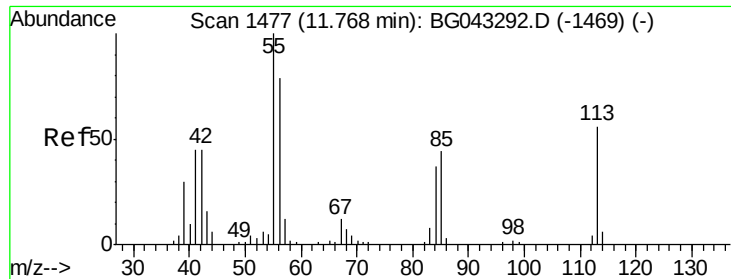
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 127     | 100   |       |       |
| 129     | 33.1  | 25.8  | 38.8  |
| 65      | 32.2  | 26.2  | 39.2  |
| 92      | 22.4  | 17.0  | 25.4  |



#34  
Hexachlorobutadiene  
Concen: 39.095 ng  
RT: 11.17 min Scan# 1375  
Delta R.T. -0.00 min  
Lab File: BG043338.D  
Acq: 25 Oct 2019 14:11

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 63.0  | 53.2  | 79.8  |
| 227     | 60.4  | 56.2  | 84.2  |





#35

Caprolactam

Concen: 28.838 ng

RT: 11.77 min Scan# 1478

Delta R.T. 0.00 min

Lab File: BG043338.D

Acq: 25 Oct 2019 14:11

Instrument :

BNA\_G

ClientSampleId :

PB124305BS

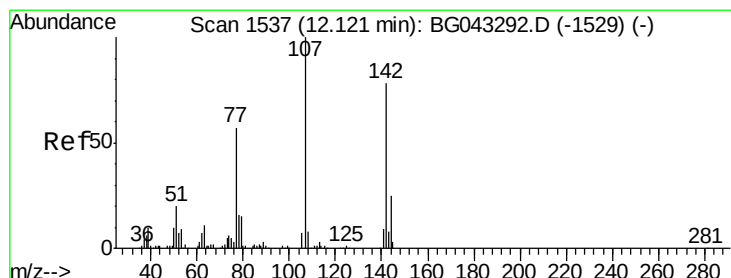
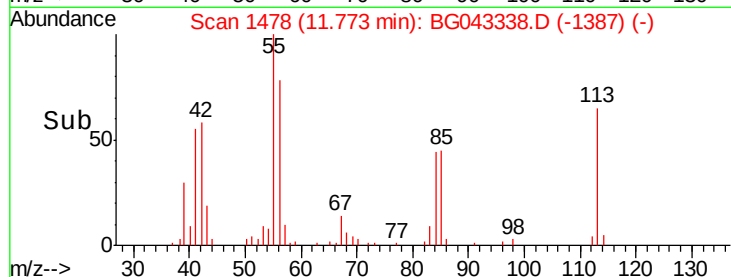
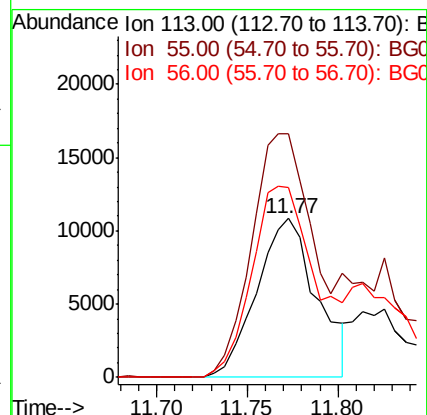
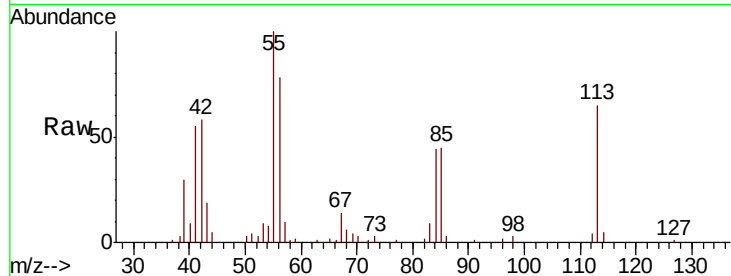
Tot Ion:113 Resp: 24881

Ion Ratio Lower Upper

113 100

55 153.1 158.9 198.9#

56 119.8 121.4 161.4#



#36

4-Chloro-3-methylphenol

Concen: 48.274 ng

RT: 12.14 min Scan# 1540

Delta R.T. 0.02 min

Lab File: BG043338.D

Acq: 25 Oct 2019 14:11

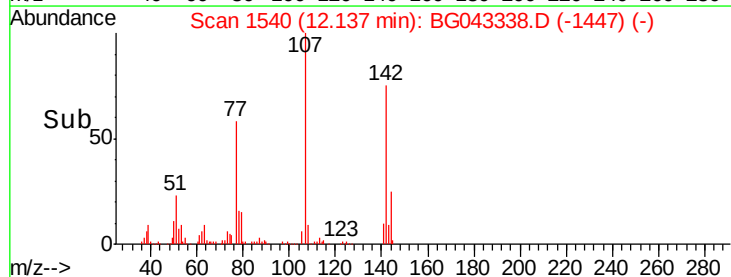
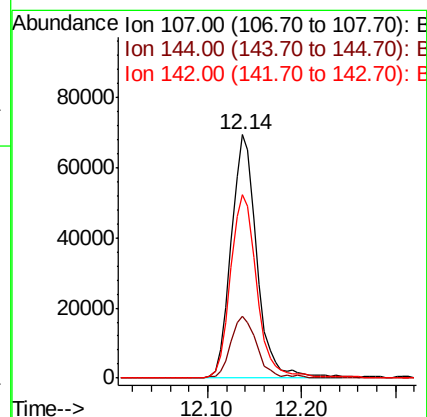
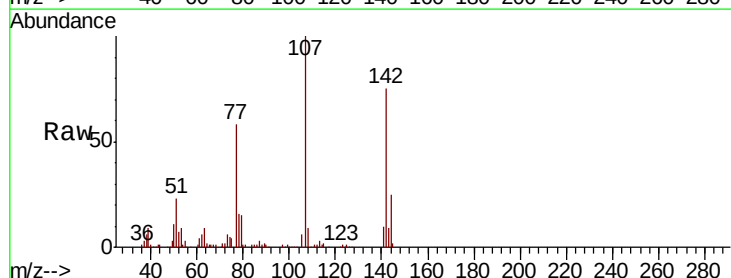
Tgt Ion:107 Resp: 131915

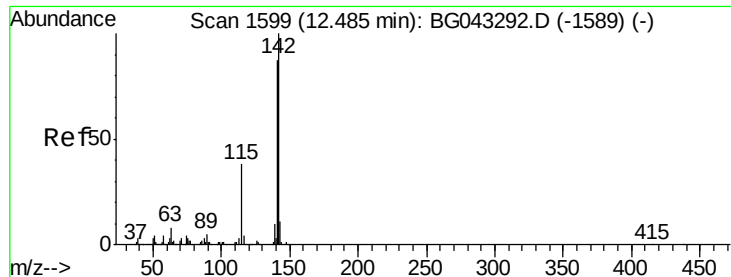
Ion Ratio Lower Upper

107 100

144 25.4 19.9 29.9

142 75.5 62.1 93.1

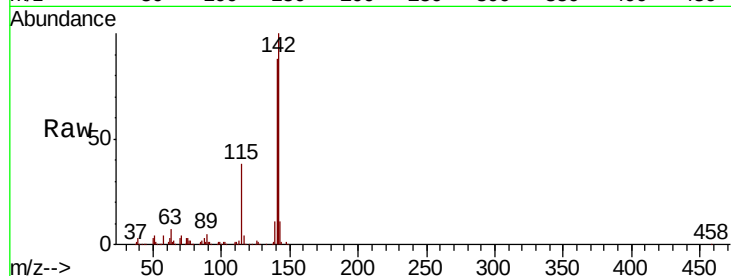




#37  
2-Methylnaphthalene  
Concen: 44.649 ng  
RT: 12.48 min Scan# 1599  
Delta R.T. -0.00 min  
Lab File: BG043338.D  
Acq: 25 Oct 2019 14:11

Instrument :  
BNA\_G  
ClientSampleId :  
PB124305BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 88.1  | 69.7  | 104.5 |
| 115     | 37.5  | 30.6  | 46.0  |

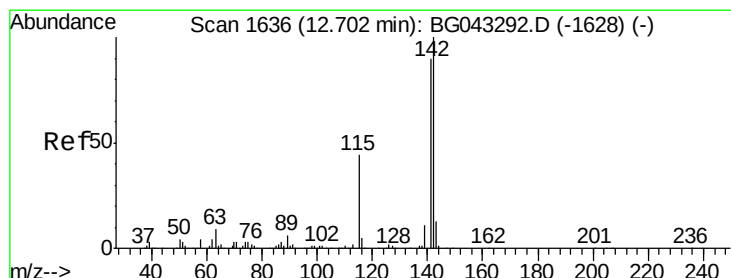
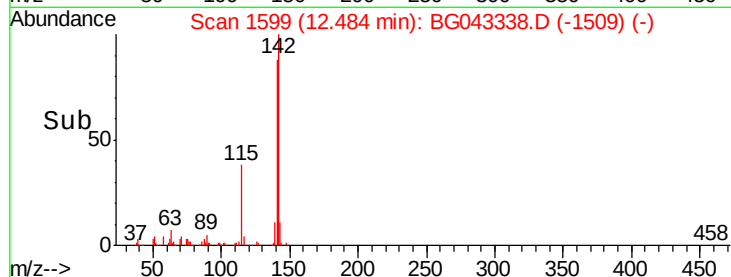
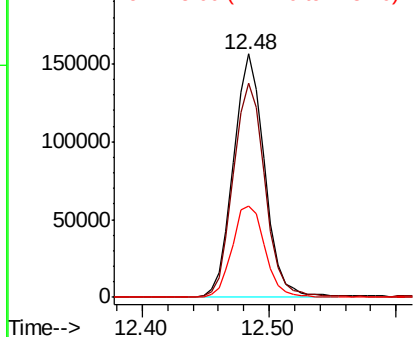


Abundance

Ion 142.00 (141.70 to 142.70): E

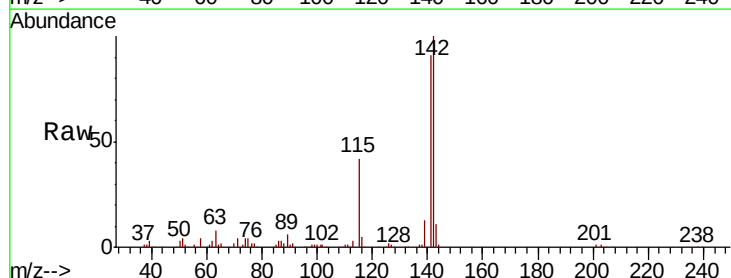
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38  
1-Methylnaphthalene  
Concen: 44.634 ng  
RT: 12.70 min Scan# 1636  
Delta R.T. -0.00 min  
Lab File: BG043338.D  
Acq: 25 Oct 2019 14:11

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 90.8  | 72.3  | 108.5 |
| 116     | 4.6   | 3.8   | 5.6   |

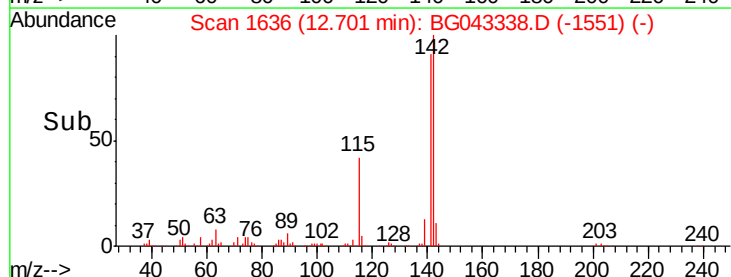
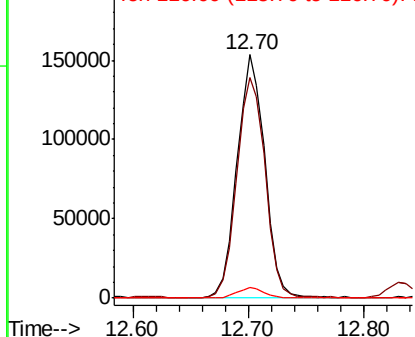


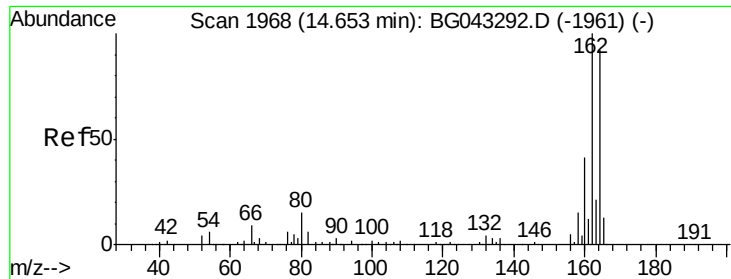
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.65 min Scan# 1968

Delta R.T. -0.00 min

Lab File: BG043338.D

Acq: 25 Oct 2019 14:11

Instrument :

BNA\_G

ClientSampleId :

PB124305BS

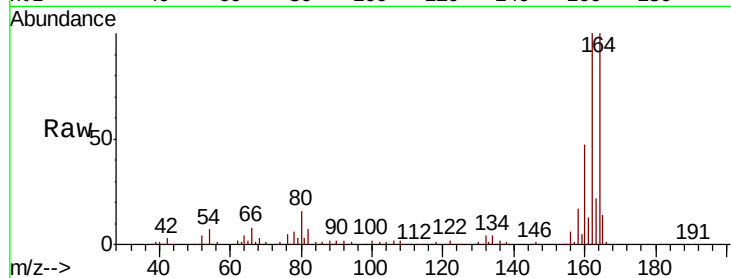
Tot Ion:164 Resp: 116533

Ion Ratio Lower Upper

164 100

162 100.0 87.0 130.4

160 47.3 35.5 53.3

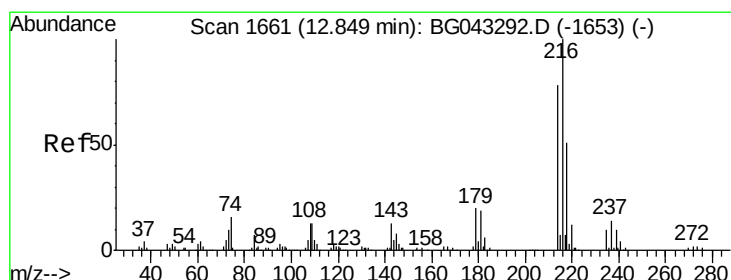
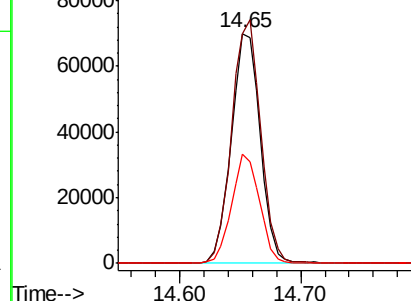
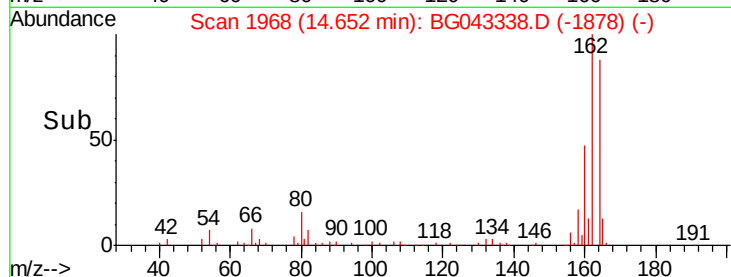


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.968 ng

RT: 12.85 min Scan# 1662

Delta R.T. 0.00 min

Lab File: BG043338.D

Acq: 25 Oct 2019 14:11

Tgt Ion:216 Resp: 172371

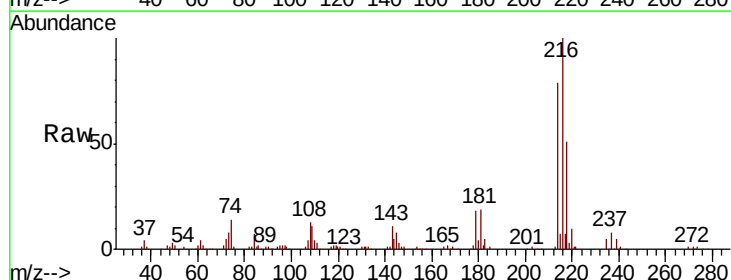
Ion Ratio Lower Upper

216 100

214 80.4 63.5 95.3

179 19.1 16.2 24.2

108 15.0 11.2 16.8



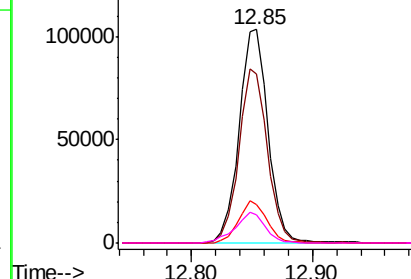
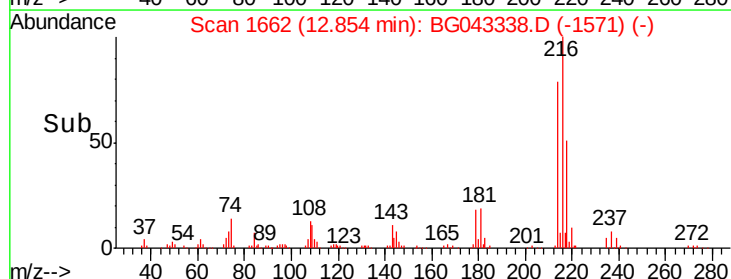
Abundance

Ion 216.00 (215.70 to 216.70): E

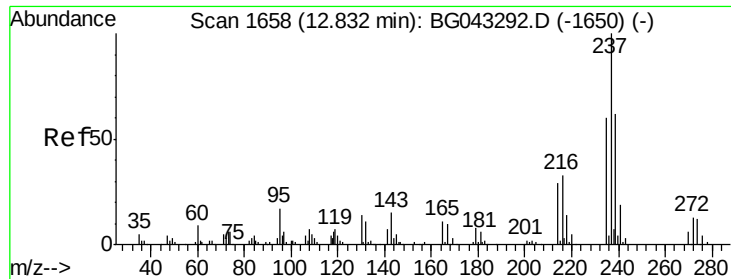
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



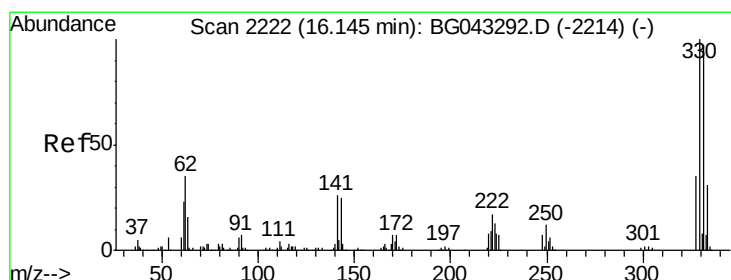
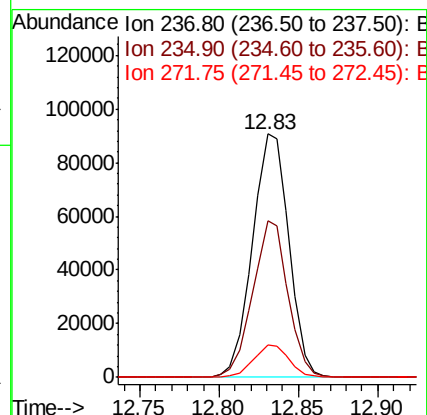
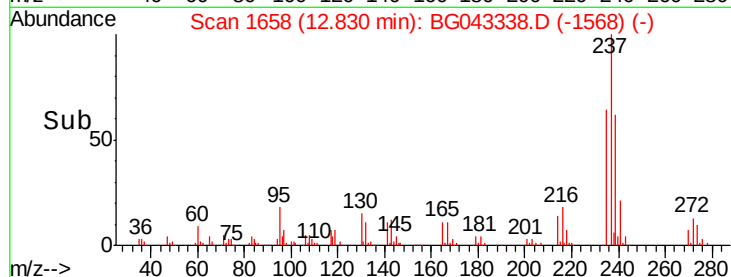
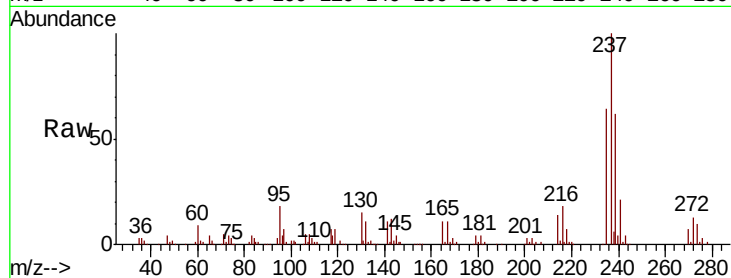




#41  
Hexachlorocyclopentadiene  
Concen: 64.043 ng  
RT: 12.83 min Scan# 1658  
Delta R.T. -0.00 min  
Lab File: BG043338.D  
Acq: 25 Oct 2019 14:11

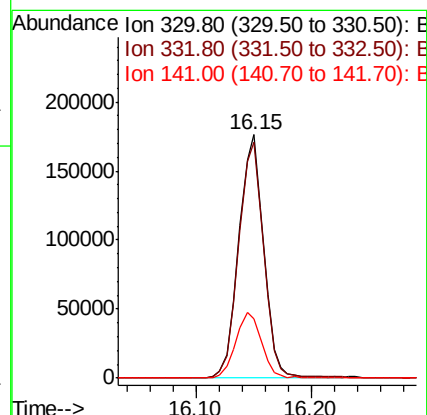
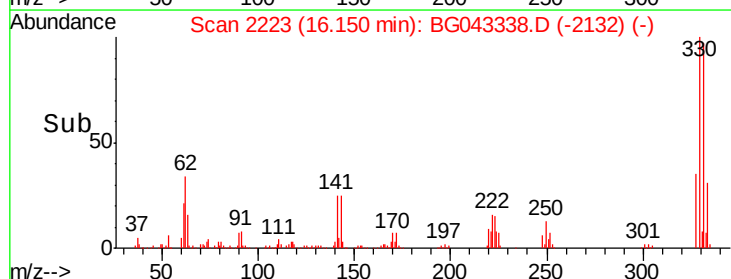
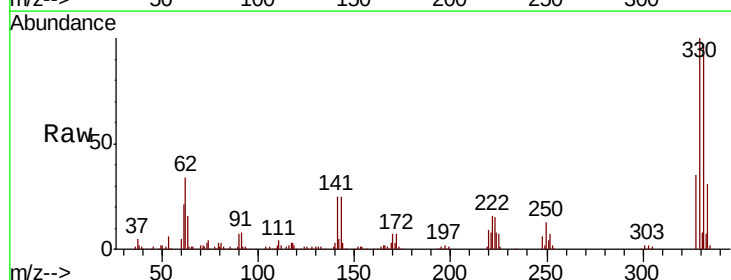
Instrument :  
BNA\_G  
ClientSampleId :  
PB124305BS

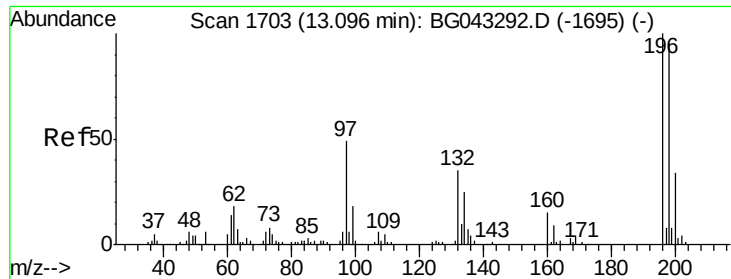
Tot Ion:237 Resp: 145090  
Ion Ratio Lower Upper  
237 100  
235 64.3 40.3 80.3  
272 13.4 0.0 32.9



#42  
2,4,6-Tribromophenol  
Concen: 118.989 ng  
RT: 16.15 min Scan# 2223  
Delta R.T. 0.00 min  
Lab File: BG043338.D  
Acq: 25 Oct 2019 14:11

Tgt Ion:330 Resp: 263874  
Ion Ratio Lower Upper  
330 100  
332 98.3 76.4 114.6  
141 27.9 21.4 32.0

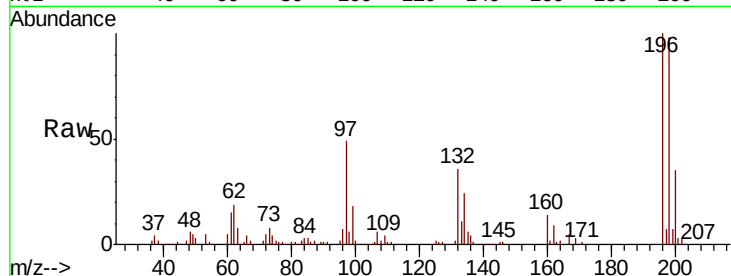




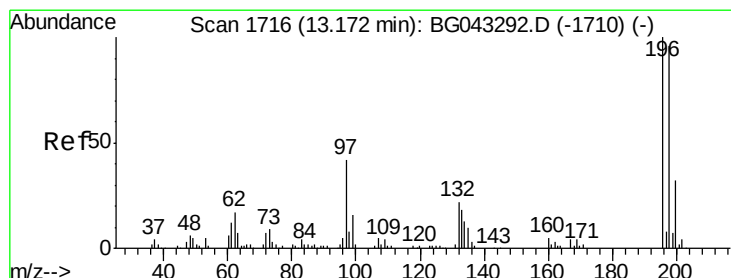
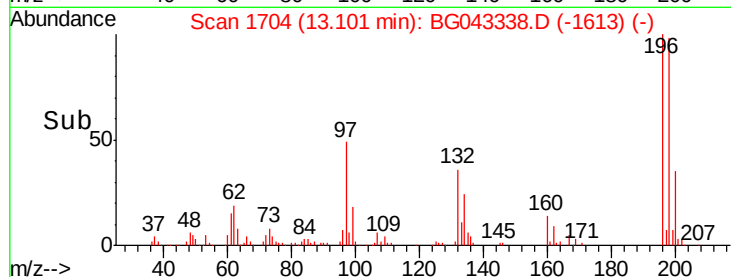
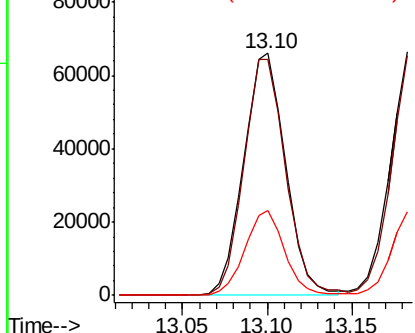
#43  
 2,4,6-Trichlorophenol  
 Concen: 44.903 ng  
 RT: 13.10 min Scan# 1704  
 Delta R.T. 0.00 min  
 Lab File: BG043338.D  
 Acq: 25 Oct 2019 14:11

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB124305BS

Tot Ion:196 Resp: 114045  
 Ion Ratio Lower Upper  
 196 100  
 198 97.6 77.0 115.4  
 200 34.9 27.4 41.2

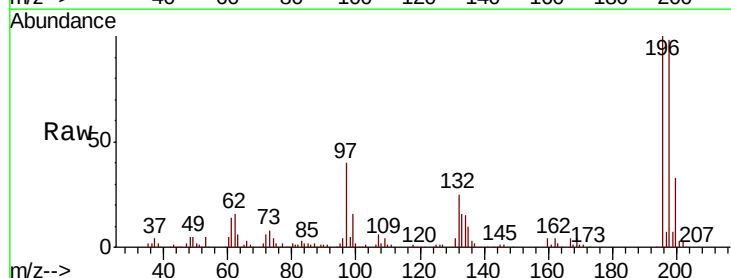


Abundance Ion 196.00 (195.70 to 196.70): E  
 Ion 198.00 (197.70 to 198.70): E  
 Ion 200.00 (199.70 to 200.70): E

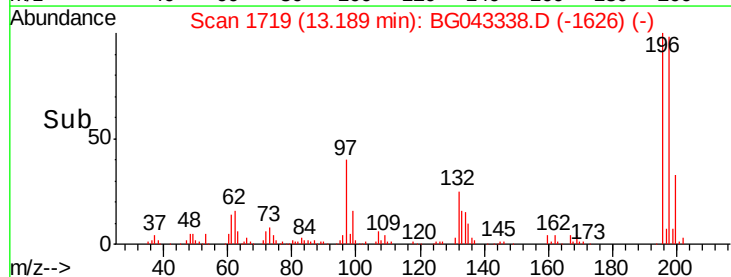
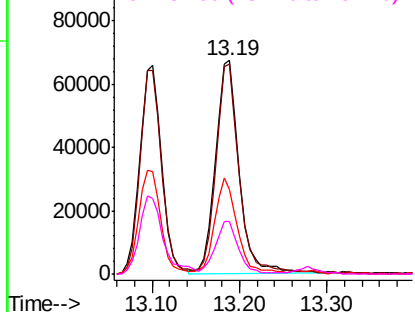


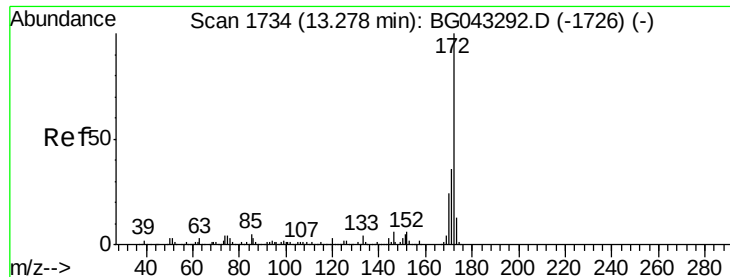
#44  
 2,4,5-Trichlorophenol  
 Concen: 49.193 ng  
 RT: 13.19 min Scan# 1719  
 Delta R.T. 0.02 min  
 Lab File: BG043338.D  
 Acq: 25 Oct 2019 14:11

Tgt Ion:196 Resp: 126313  
 Ion Ratio Lower Upper  
 196 100  
 198 98.3 76.6 114.8  
 97 39.5 34.1 51.1  
 132 24.8 18.2 27.4



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

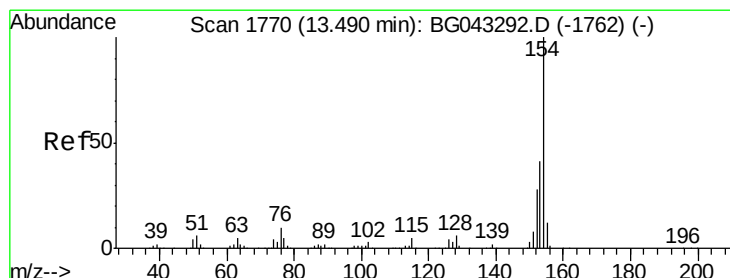
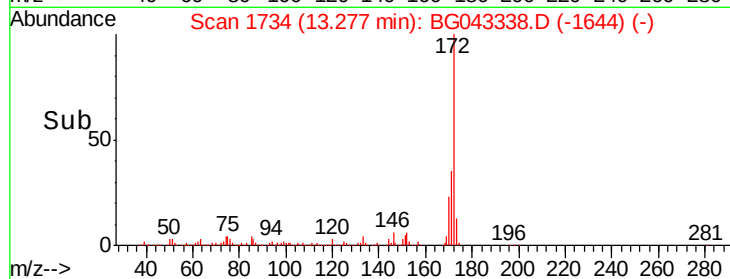
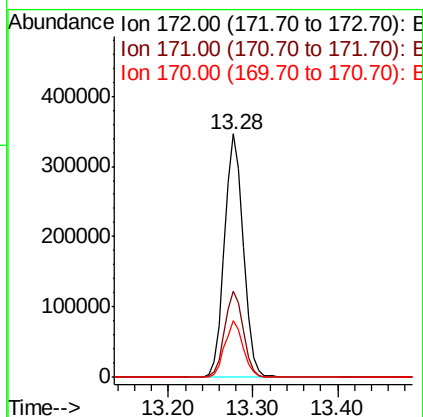
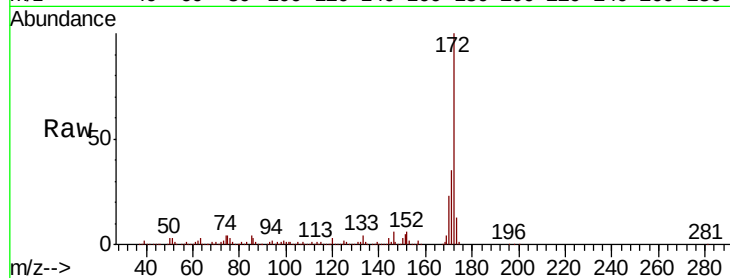




#45  
2-Fluorobiphenyl  
Concen: 63.154 ng  
RT: 13.28 min Scan# 1734  
Delta R.T. -0.00 min  
Lab File: BG043338.D  
Acq: 25 Oct 2019 14:11

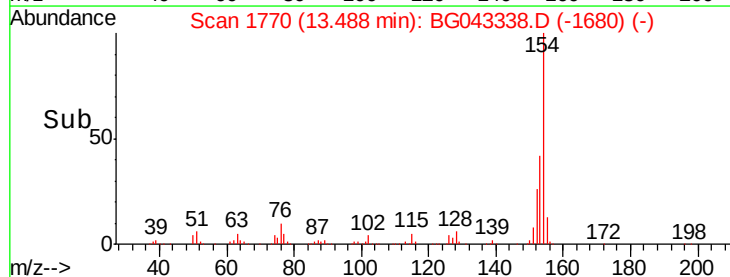
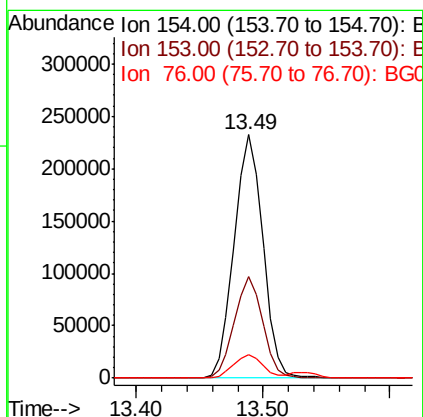
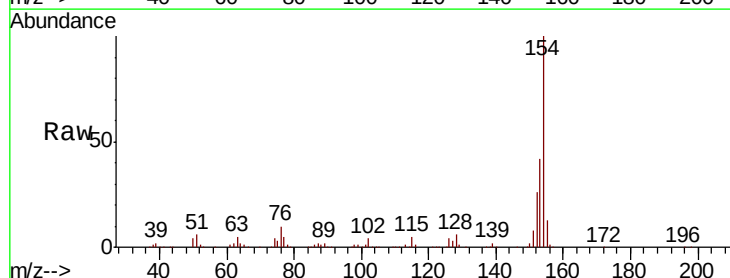
Instrument :  
BNA\_G  
ClientSampleId :  
PB124305BS

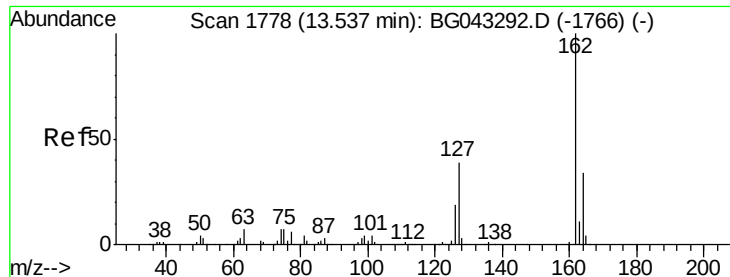
Tot Ion:172 Resp: 532599  
Ion Ratio Lower Upper  
172 100  
171 35.4 28.5 42.7  
170 23.2 18.8 28.2



#46  
1,1'-Biphenyl  
Concen: 41.311 ng  
RT: 13.49 min Scan# 1770  
Delta R.T. -0.00 min  
Lab File: BG043338.D  
Acq: 25 Oct 2019 14:11

Tgt Ion:154 Resp: 366226  
Ion Ratio Lower Upper  
154 100  
153 41.6 21.0 61.0  
76 9.6 0.0 29.8

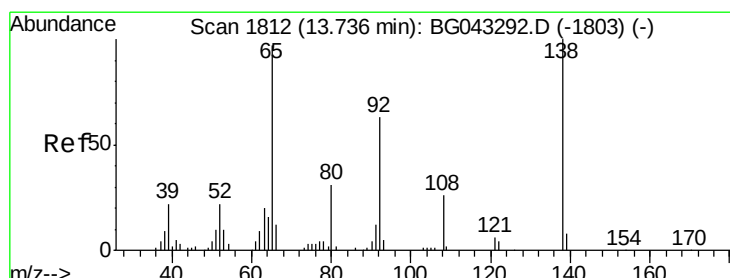
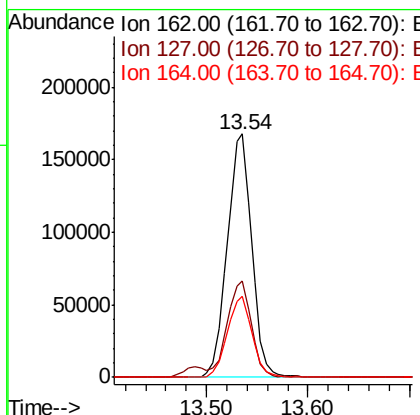
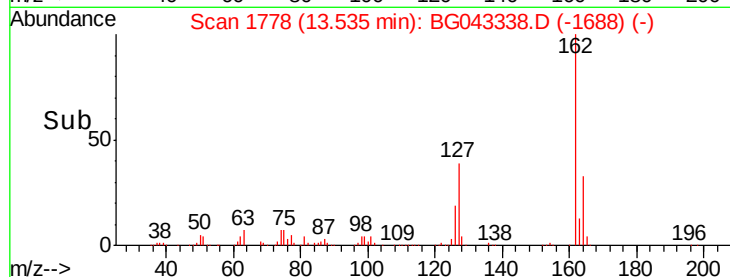
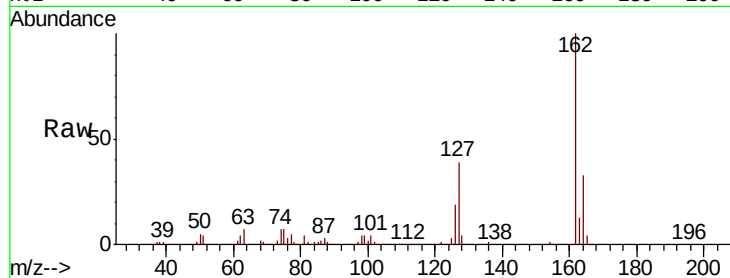




#47  
2-Chloronaphthalene  
Concen: 41.734 ng  
RT: 13.54 min Scan# 1778  
Delta R.T. -0.00 min  
Lab File: BG043338.D  
Acq: 25 Oct 2019 14:11

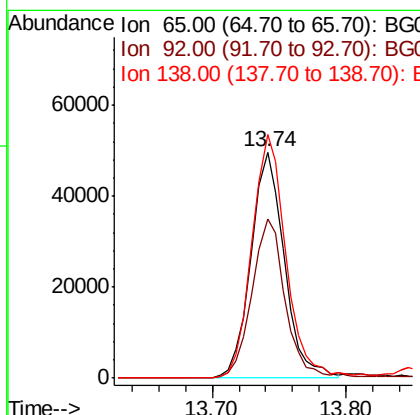
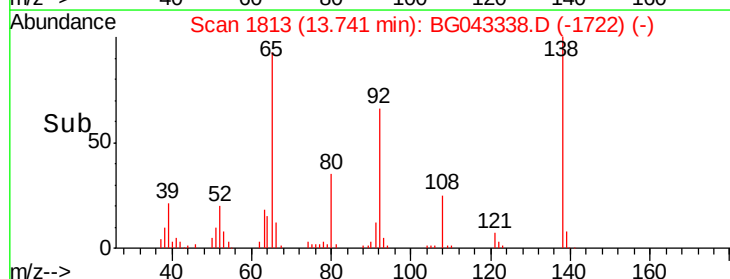
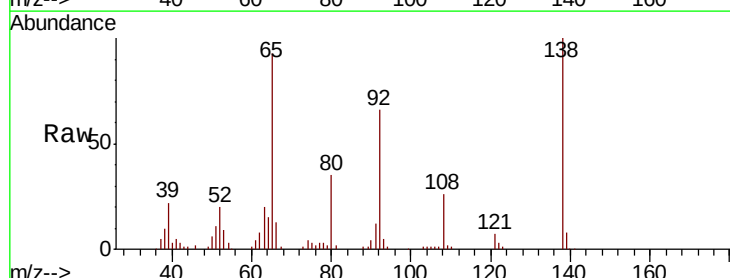
Instrument :  
BNA\_G  
ClientSampleId :  
PB124305BS

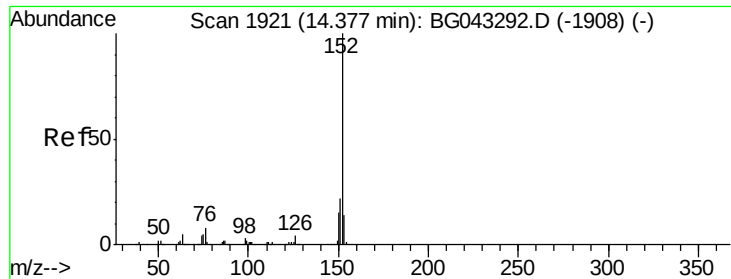
Tot Ion:162 Resp: 281504  
Ion Ratio Lower Upper  
162 100  
127 39.4 31.3 46.9  
164 33.3 26.8 40.2



#48  
2-Nitroaniline  
Concen: 42.406 ng  
RT: 13.74 min Scan# 1813  
Delta R.T. 0.00 min  
Lab File: BG043338.D  
Acq: 25 Oct 2019 14:11

Tgt Ion: 65 Resp: 85491  
Ion Ratio Lower Upper  
65 100  
92 70.6 52.6 79.0  
138 107.6 82.9 124.3





#49

Acenaphthylene

Concen: 43.963 ng

RT: 14.38 min Scan# 1921

Delta R.T. -0.00 min

Lab File: BG043338.D

Acq: 25 Oct 2019 14:11

Instrument :

BNA\_G

ClientSampleId :

PB124305BS

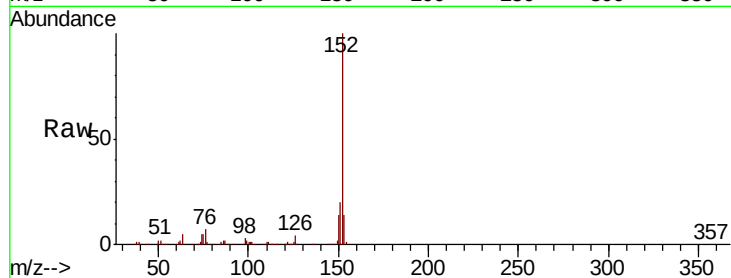
Tot Ion:152 Resp: 461523

Ion Ratio Lower Upper

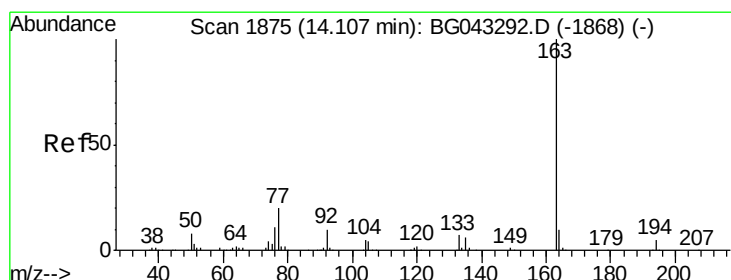
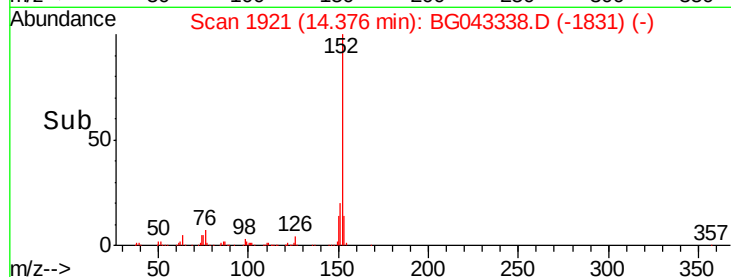
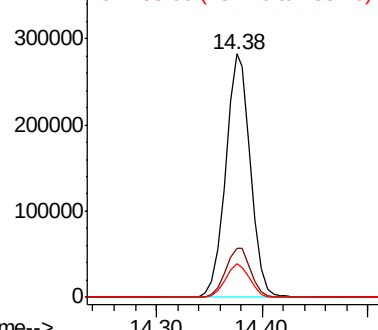
152 100

151 20.2 17.2 25.8

153 14.0 11.0 16.6



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: 41.672 ng

RT: 14.11 min Scan# 1876

Delta R.T. 0.00 min

Lab File: BG043338.D

Acq: 25 Oct 2019 14:11

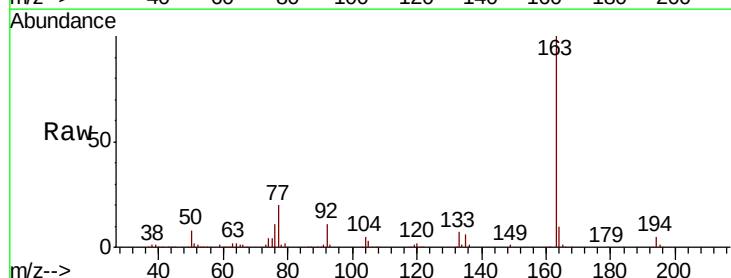
Tgt Ion:163 Resp: 376143

Ion Ratio Lower Upper

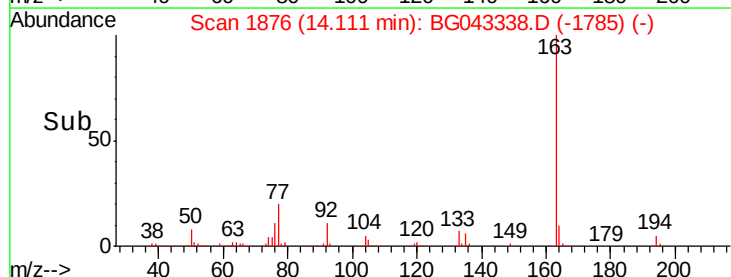
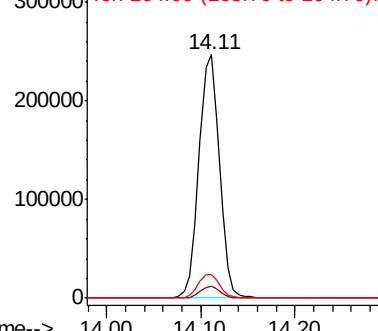
163 100

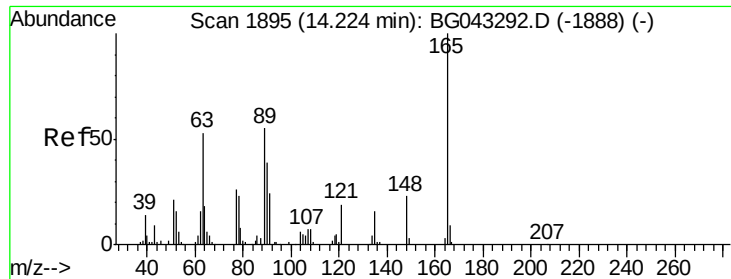
194 4.8 3.7 5.5

164 9.9 8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): E  
Ion 194.00 (193.70 to 194.70): E  
Ion 164.00 (163.70 to 164.70): E

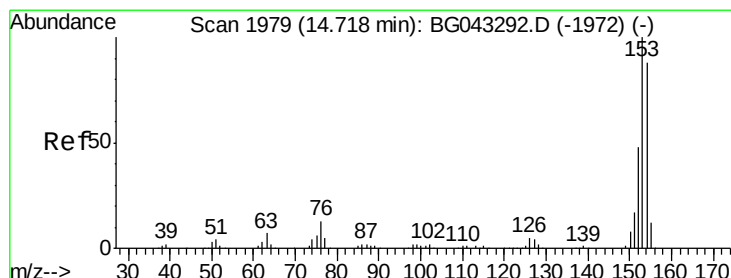
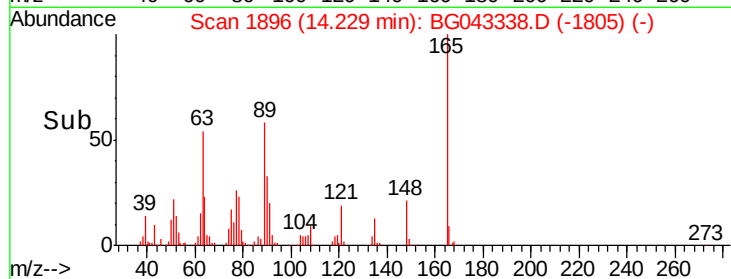
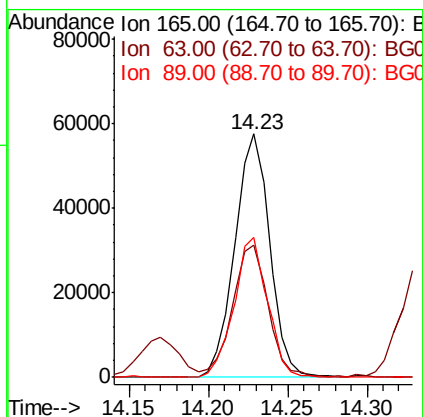
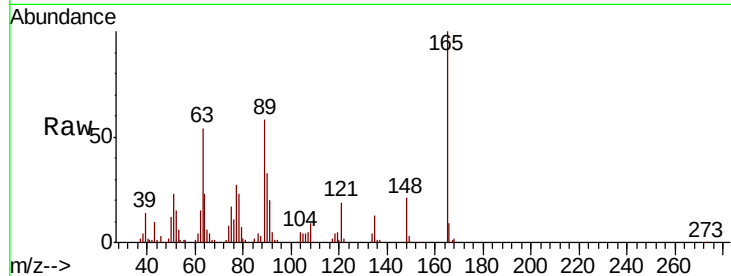




#51  
 2,6-Dinitrotoluene  
 Concen: 44.864 ng  
 RT: 14.23 min Scan# 1896  
 Delta R.T. 0.00 min  
 Lab File: BG043338.D  
 Acq: 25 Oct 2019 14:11

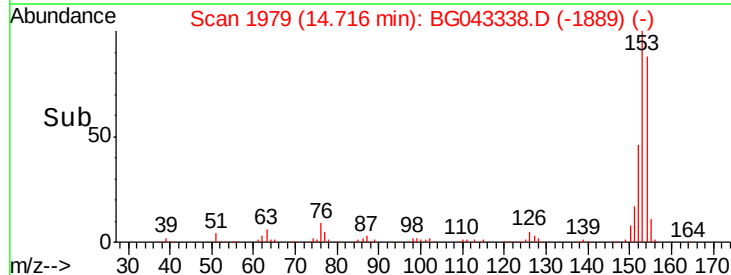
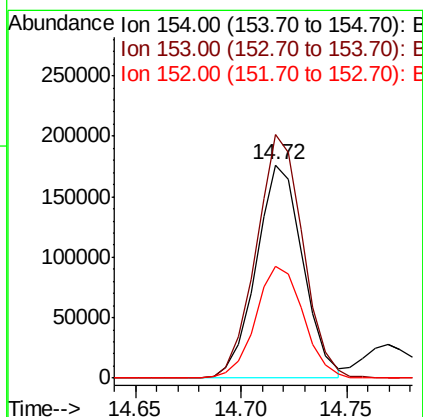
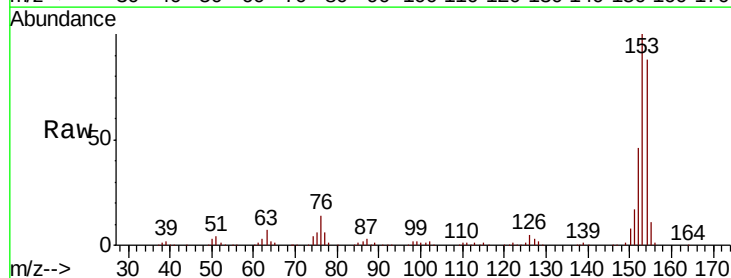
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB124305BS

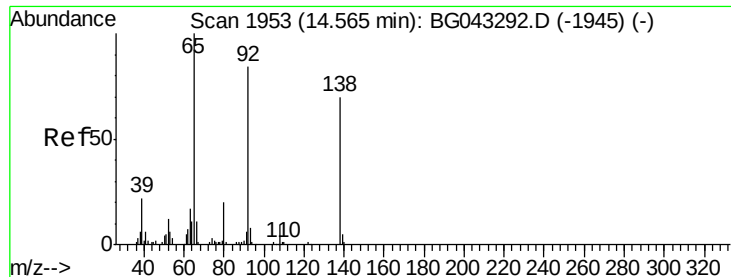
Tot Ion:165 Resp: 87975  
 Ion Ratio Lower Upper  
 165 100  
 63 54.4 47.1 70.7  
 89 57.5 43.7 65.5



#52  
 Acenaphthene  
 Concen: 42.200 ng  
 RT: 14.72 min Scan# 1979  
 Delta R.T. -0.00 min  
 Lab File: BG043338.D  
 Acq: 25 Oct 2019 14:11

Tgt Ion:154 Resp: 270168  
 Ion Ratio Lower Upper  
 154 100  
 153 114.2 90.9 136.3  
 152 52.3 43.9 65.9

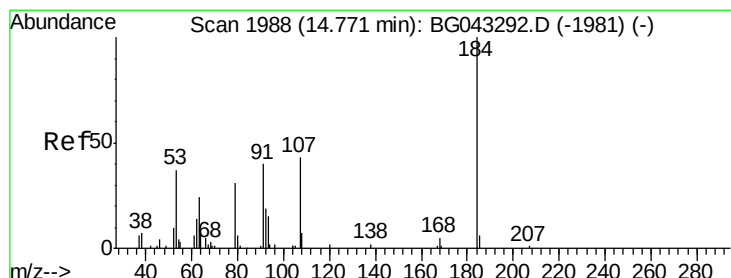
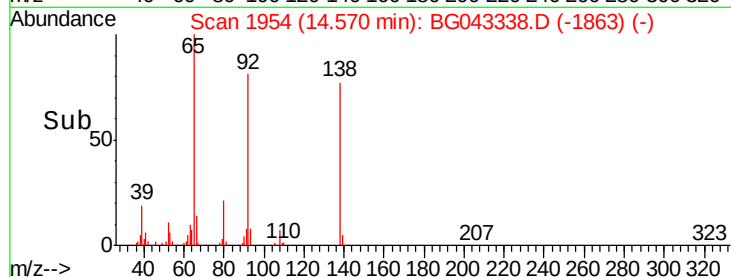
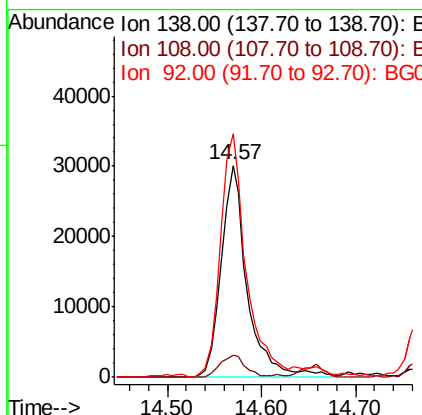
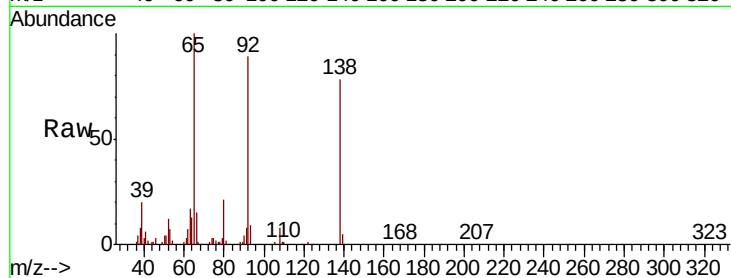




#53  
3-Nitroaniline  
Concen: 30.723 ng  
RT: 14.57 min Scan# 1954  
Delta R.T. 0.00 min  
Lab File: BG043338.D  
Acq: 25 Oct 2019 14:11

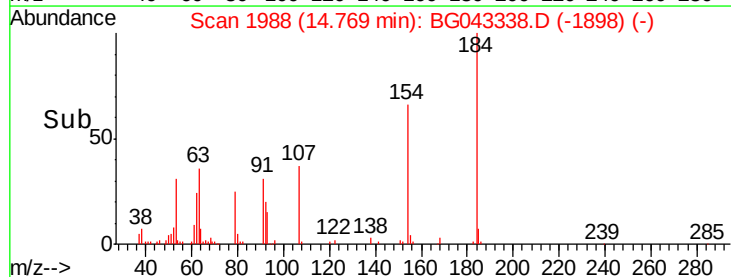
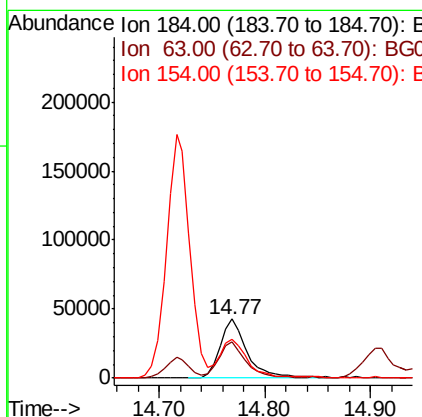
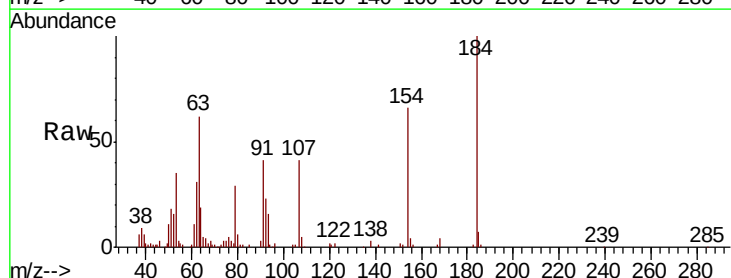
Instrument :  
BNA\_G  
ClientSampleId :  
PB124305BS

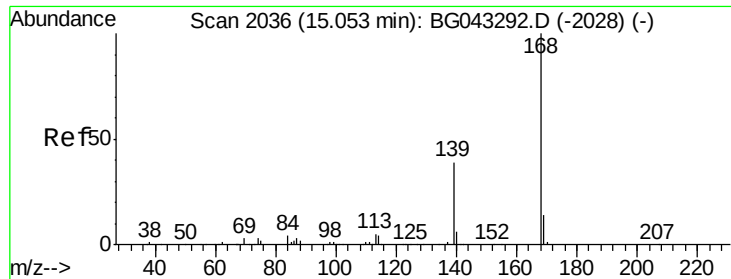
Tot Ion:138 Resp: 58167  
Ion Ratio Lower Upper  
138 100  
108 10.3 9.8 14.6  
92 115.0 95.8 143.6



#54  
2,4-Dinitrophenol  
Concen: 64.375 ng  
RT: 14.77 min Scan# 1988  
Delta R.T. -0.00 min  
Lab File: BG043338.D  
Acq: 25 Oct 2019 14:11

Tgt Ion:184 Resp: 76912  
Ion Ratio Lower Upper  
184 100  
63 62.2 48.8 73.2  
154 66.2 49.4 74.0

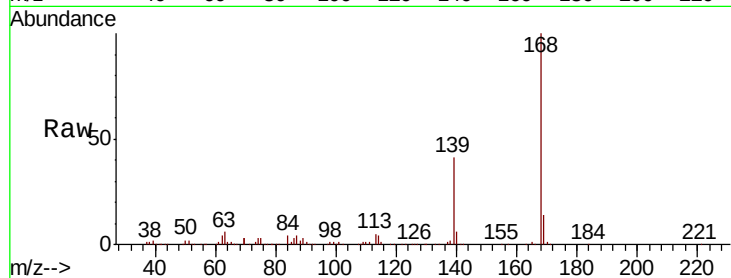




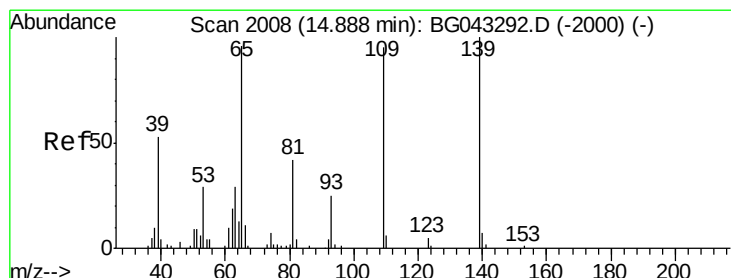
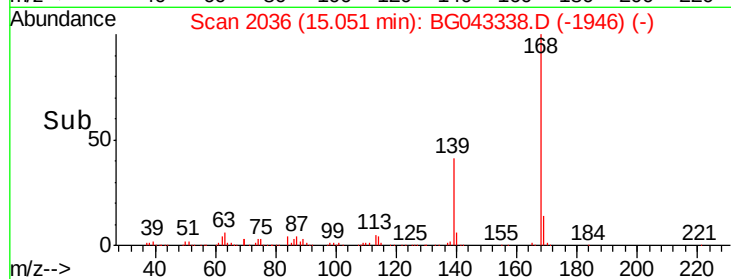
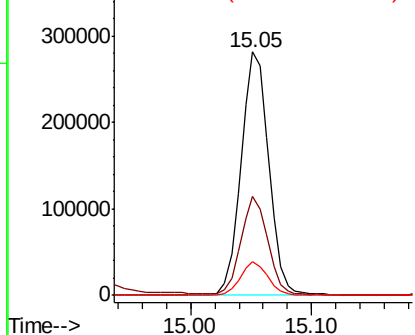
#55  
Dibenzenofuran  
Concen: 43.532 ng  
RT: 15.05 min Scan# 2036  
Delta R.T. -0.00 min  
Lab File: BG043338.D  
Acq: 25 Oct 2019 14:11

Instrument :  
BNA\_G  
ClientSampleId :  
PB124305BS

Tot Ion:168 Resp: 451952  
Ion Ratio Lower Upper  
168 100  
139 40.6 31.7 47.5  
169 13.6 11.0 16.4

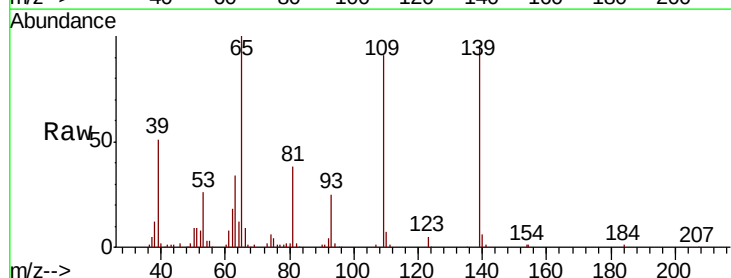


Abundance Ion 168.00 (167.70 to 168.70): E  
Ion 139.00 (138.70 to 139.70): E  
Ion 169.00 (168.70 to 169.70): E

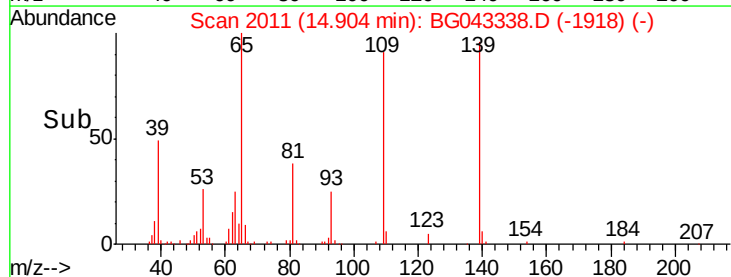
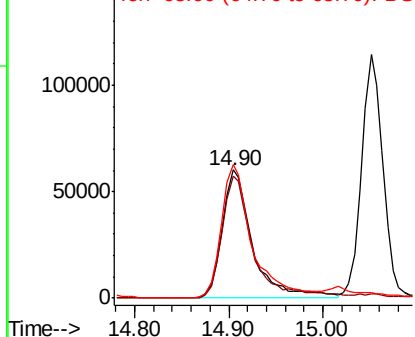


#56  
4-Nitrophenol  
Concen: 107.200 ng  
RT: 14.90 min Scan# 2011  
Delta R.T. 0.02 min  
Lab File: BG043338.D  
Acq: 25 Oct 2019 14:11

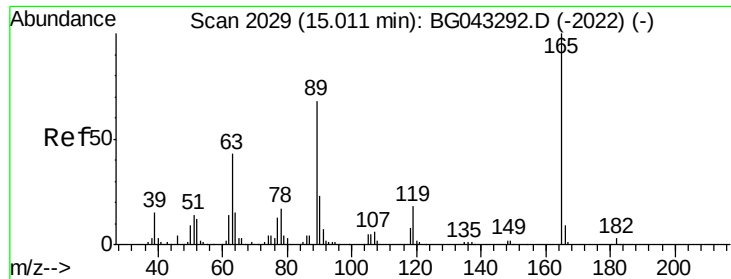
Tgt Ion:139 Resp: 136008  
Ion Ratio Lower Upper  
139 100  
109 95.1 75.4 115.4  
65 104.5 76.6 116.6



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: 43.893 ng

RT: 15.02 min Scan# 2030

Delta R.T. 0.00 min

Lab File: BG043338.D

Acq: 25 Oct 2019 14:11

Instrument :

BNA\_G

ClientSampleId :

PB124305BS

Tot Ion:165 Resp: 123006

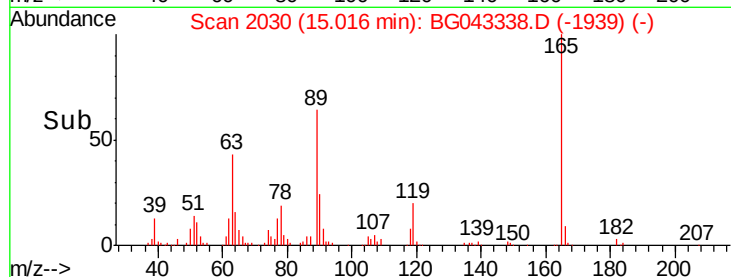
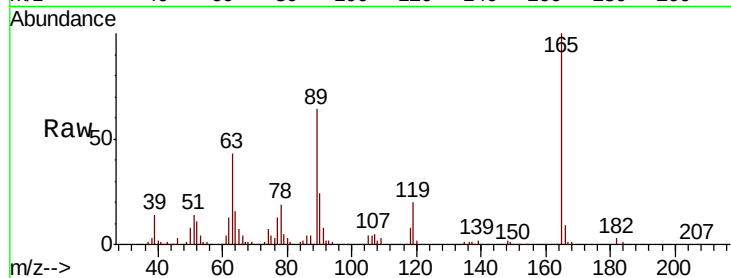
Ion Ratio Lower Upper

165 100

63 43.4 35.0 52.6

89 63.9 54.1 81.1

182 3.5 2.2 3.2#

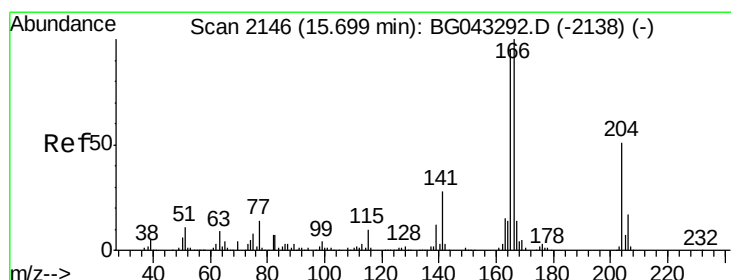
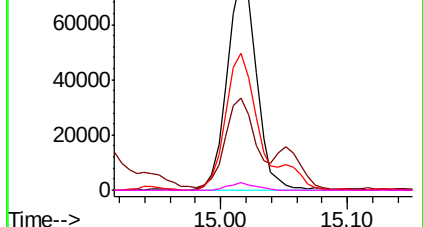


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 43.331 ng

RT: 15.70 min Scan# 2147

Delta R.T. 0.00 min

Lab File: BG043338.D

Acq: 25 Oct 2019 14:11

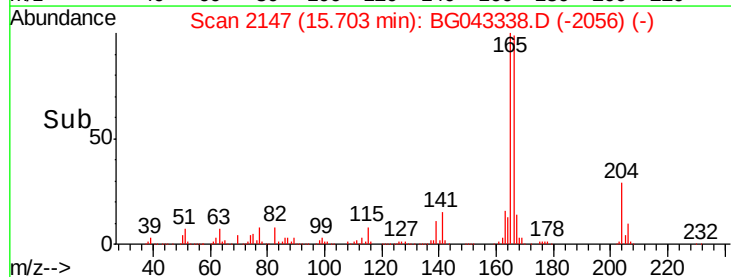
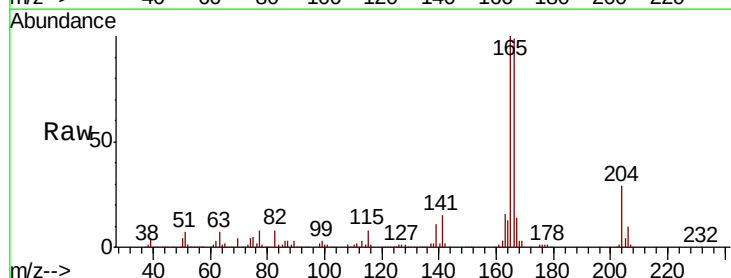
Tgt Ion:166 Resp: 377306

Ion Ratio Lower Upper

166 100

165 100.6 76.4 114.6

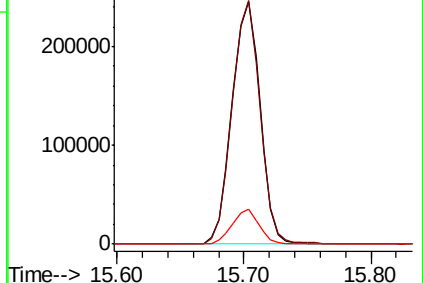
167 14.5 11.1 16.7

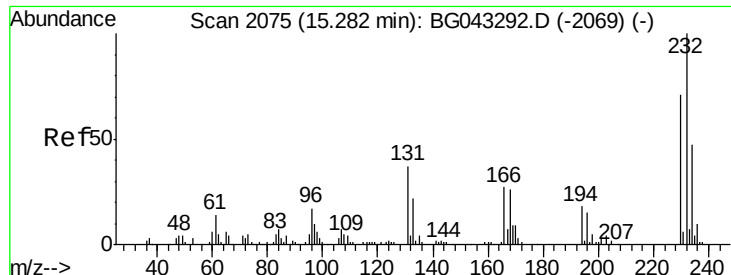


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

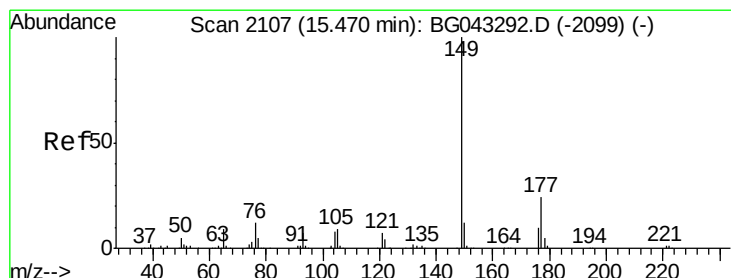
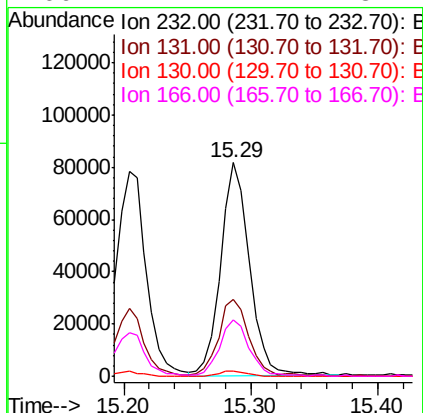
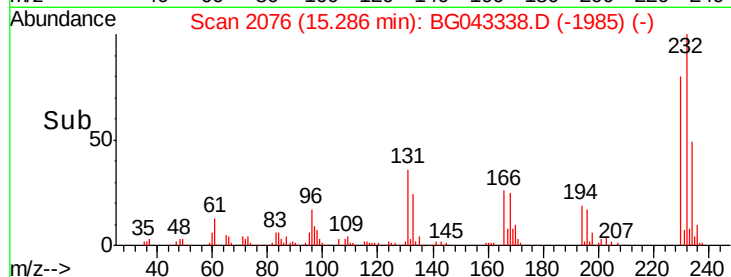
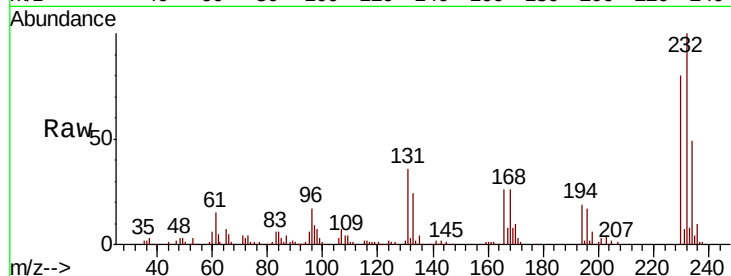




#59  
 2,3,4,6-Tetrachlorophenol  
 Concen: 47.017 ng  
 RT: 15.29 min Scan# 2076  
 Delta R.T. 0.00 min  
 Lab File: BG043338.D  
 Acq: 25 Oct 2019 14:11

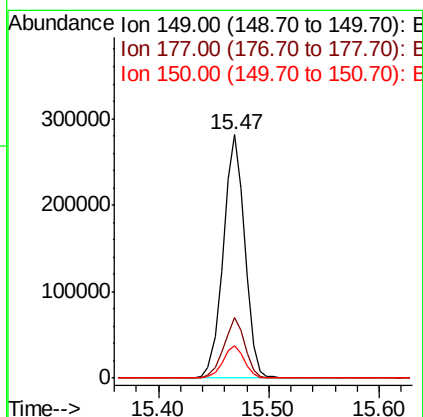
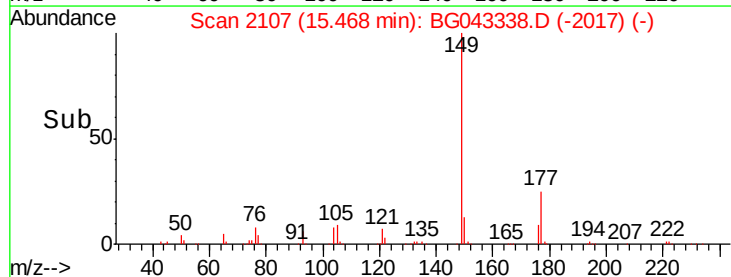
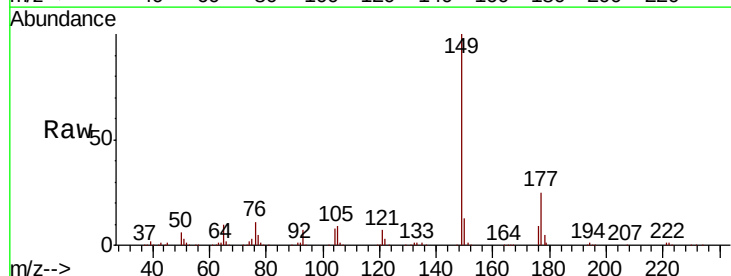
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB124305BS

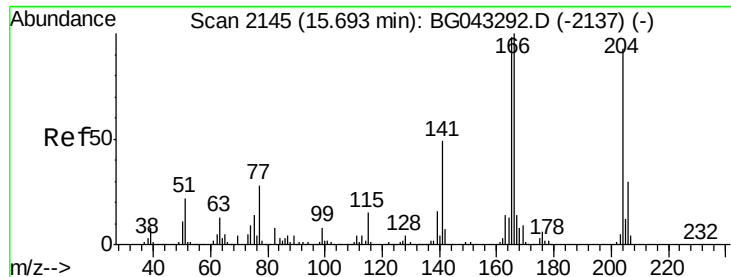
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 232     | 100   |       |       |
| 131     | 38.6  | 28.7  | 43.1  |
| 130     | 2.3   | 0.6   | 0.8   |
| 166     | 27.7  | 21.1  | 31.7  |



#60  
 Diethylphthalate  
 Concen: 42.209 ng  
 RT: 15.47 min Scan# 2107  
 Delta R.T. -0.00 min  
 Lab File: BG043338.D  
 Acq: 25 Oct 2019 14:11

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 177     | 24.8  | 19.0  | 28.4  |
| 150     | 13.5  | 9.4   | 14.0  |

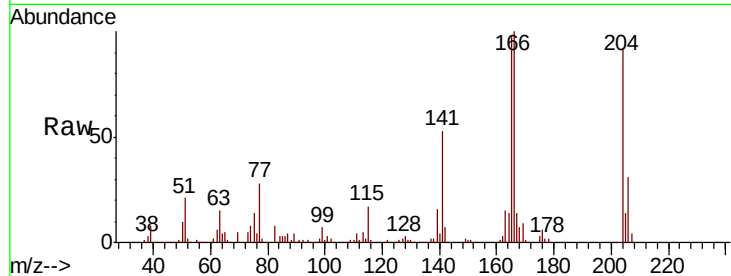




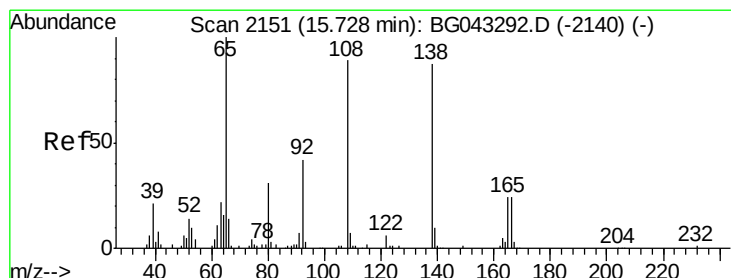
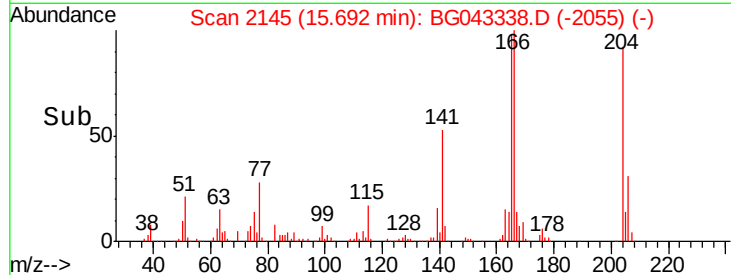
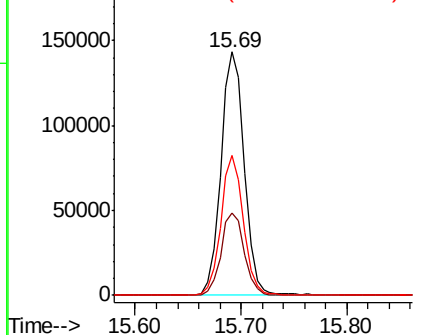
#61  
 4-Chlorophenyl-phenylether  
 Concen: 43.112 ng  
 RT: 15.69 min Scan# 2145  
 Delta R.T. -0.00 min  
 Lab File: BG043338.D  
 Acq: 25 Oct 2019 14:11

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB124305BS

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 204   | Resp: | 218998 |
| Ion      | Ratio | Lower | Upper  |
| 204      | 100   |       |        |
| 206      | 33.9  | 25.7  | 38.5   |
| 141      | 57.3  | 42.3  | 63.5   |

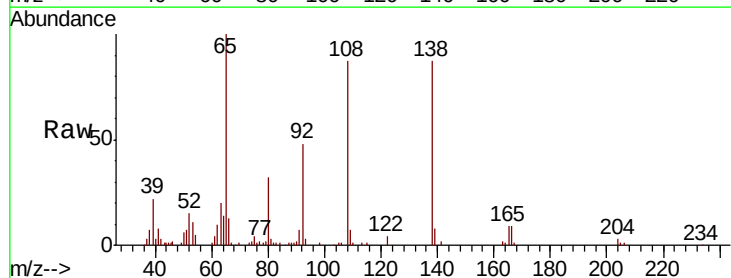


Abundance Ion 204.00 (203.70 to 204.70): E  
 Ion 206.00 (205.70 to 206.70): E  
 Ion 141.00 (140.70 to 141.70): E

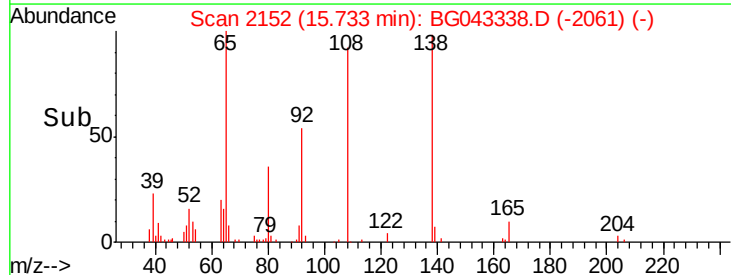
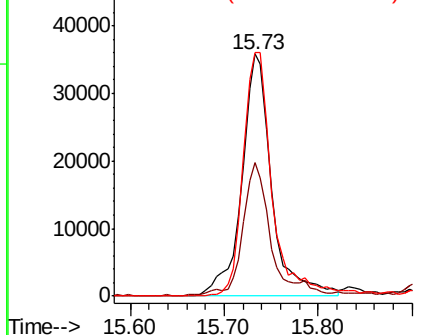


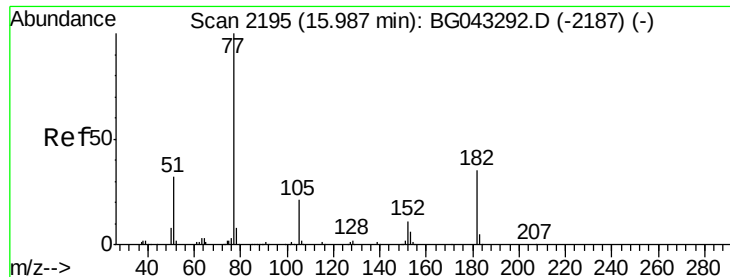
#62  
 4-Nitroaniline  
 Concen: 40.500 ng  
 RT: 15.73 min Scan# 2152  
 Delta R.T. 0.00 min  
 Lab File: BG043338.D  
 Acq: 25 Oct 2019 14:11

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 138   | Resp: | 79187 |
| Ion      | Ratio | Lower | Upper |
| 138      | 100   |       |       |
| 92       | 55.2  | 28.8  | 68.8  |
| 108      | 100.7 | 82.7  | 122.7 |



Abundance Ion 138.00 (137.70 to 138.70): E  
 Ion 92.00 (91.70 to 92.70): BG  
 Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 44.125 ng

RT: 15.99 min Scan# 2195

Delta R.T. -0.00 min

Lab File: BG043338.D

Acq: 25 Oct 2019 14:11

Instrument :

BNA\_G

ClientSampleId :

PB124305BS

Tot Ion: 77 Resp: 323884

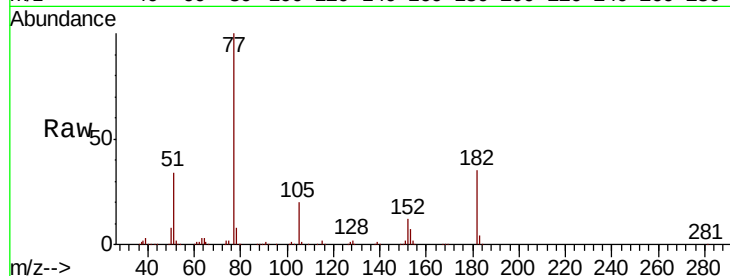
Ion Ratio Lower Upper

77 100

182 35.1 14.9 54.9

105 20.3 0.6 40.6

51 33.6 12.5 52.5

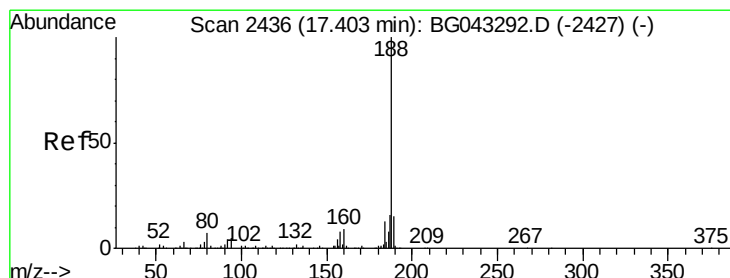
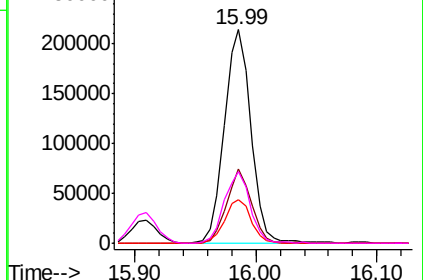
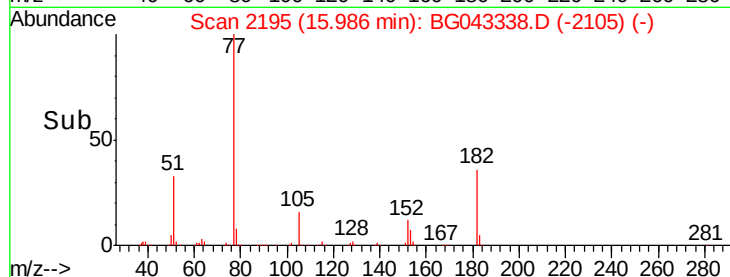


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.40 min Scan# 2436

Delta R.T. -0.00 min

Lab File: BG043338.D

Acq: 25 Oct 2019 14:11

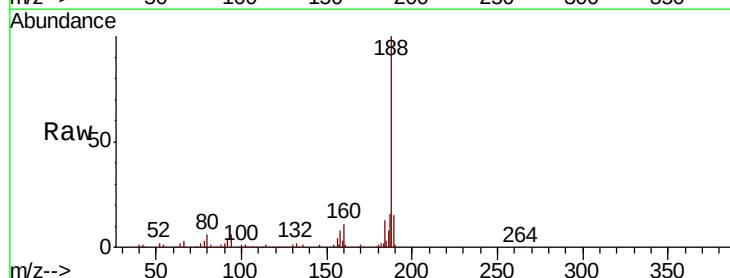
Tgt Ion: 188 Resp: 289453

Ion Ratio Lower Upper

188 100

94 6.5 4.2 6.2#

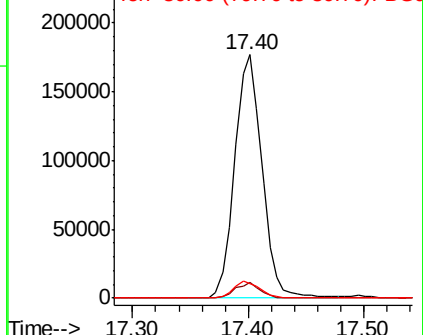
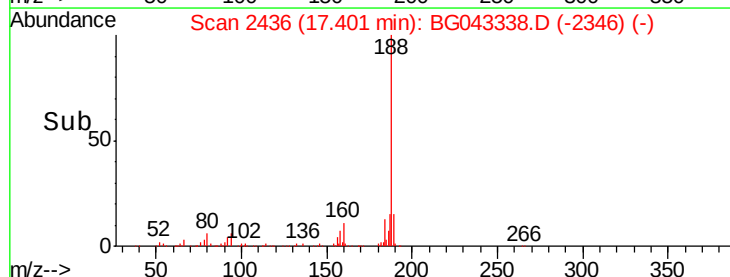
80 6.0 5.2 7.8

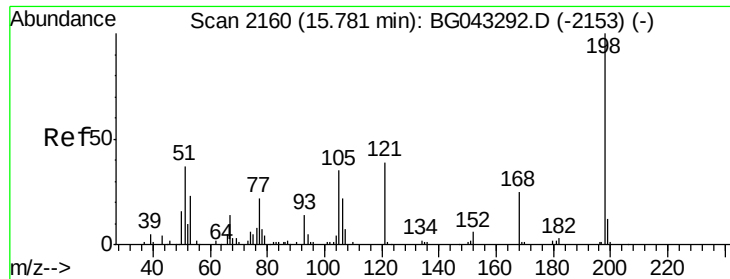


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

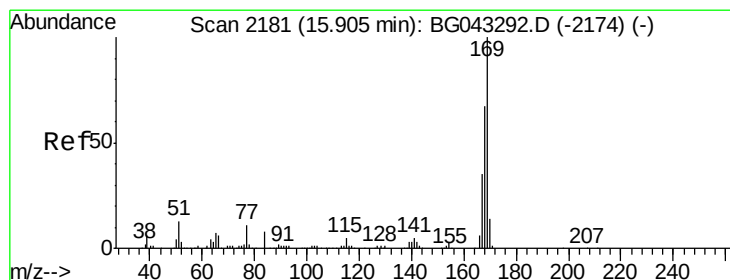
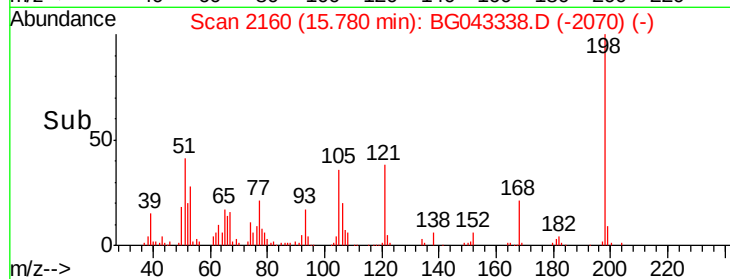
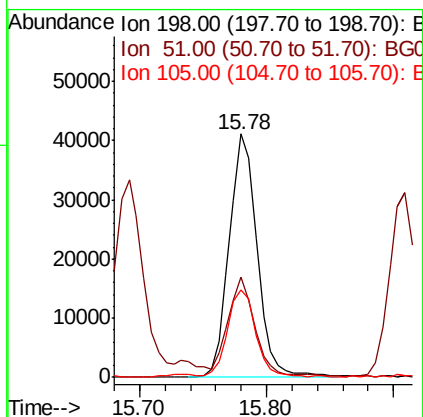
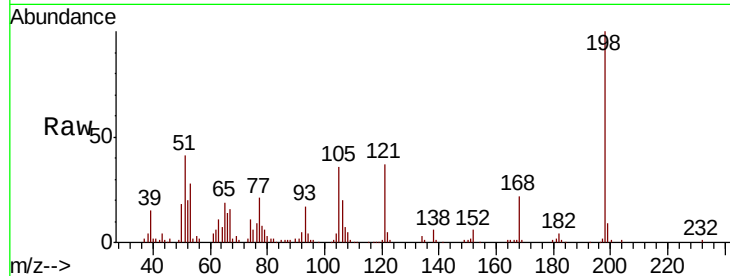




#65  
 4,6-Dinitro-2-methylphenol  
 Concen: 36.828 ng  
 RT: 15.78 min Scan# 2160  
 Delta R.T. -0.00 min  
 Lab File: BG043338.D  
 Acq: 25 Oct 2019 14:11

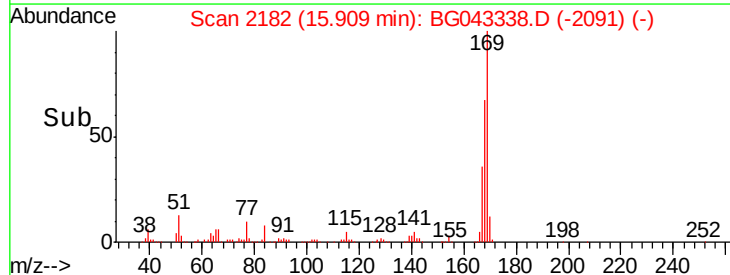
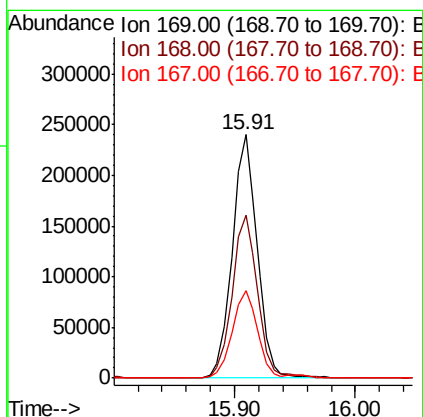
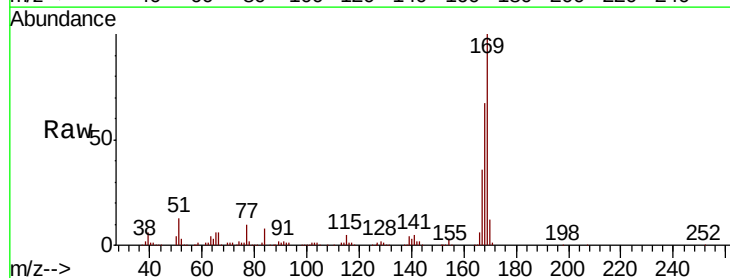
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB124305BS

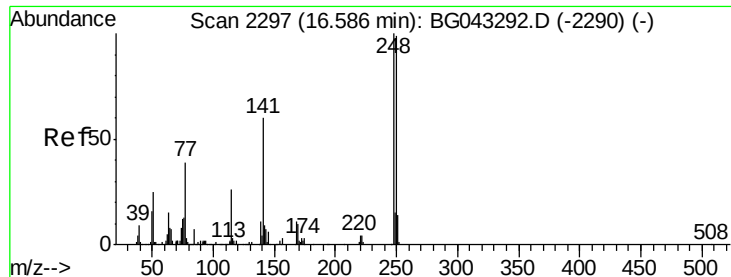
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 198     | 100   |       |       |
| 51      | 41.2  | 21.4  | 61.4  |
| 105     | 36.2  | 16.5  | 56.5  |



#66  
 n-Nitrosodiphenylamine  
 Concen: 42.249 ng  
 RT: 15.91 min Scan# 2182  
 Delta R.T. 0.00 min  
 Lab File: BG043338.D  
 Acq: 25 Oct 2019 14:11

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 169     | 100   |       |       |
| 168     | 67.0  | 53.9  | 80.9  |
| 167     | 35.7  | 28.3  | 42.5  |

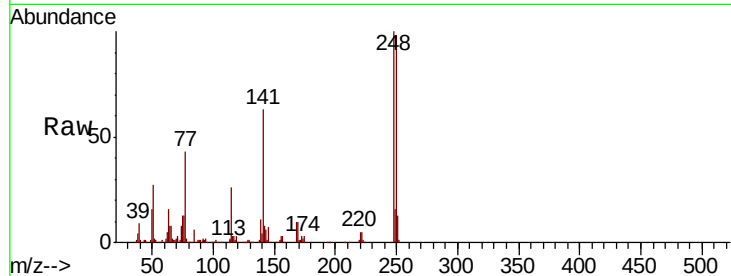




#67  
4-Bromophenyl-phenylether  
Concen: 39.997 ng  
RT: 16.58 min Scan# 2297  
Delta R.T. -0.00 min  
Lab File: BG043338.D  
Acq: 25 Oct 2019 14:11

Instrument :  
BNA\_G  
ClientSampleId :  
PB124305BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 98.2  | 79.3  | 118.9 |
| 141     | 63.0  | 47.9  | 71.9  |

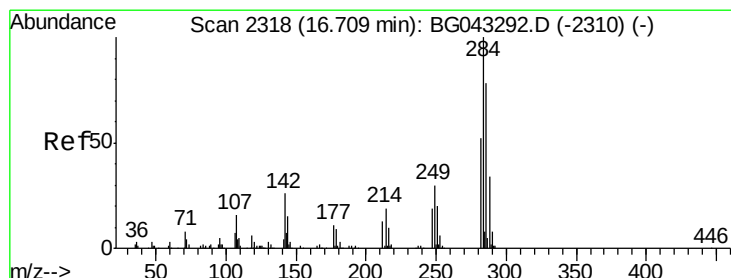
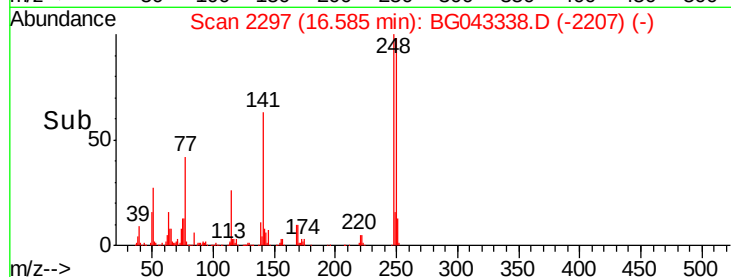
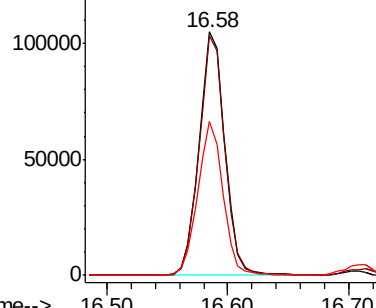


Abundance

Ion 248.00 (247.70 to 248.70): E

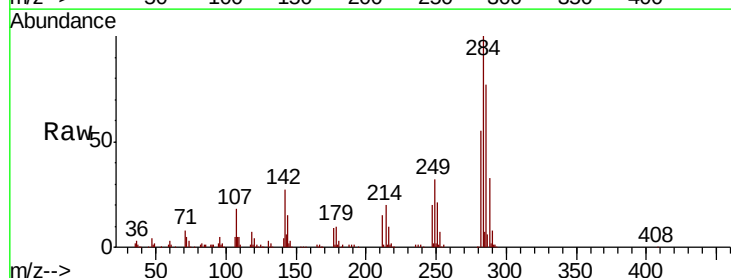
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68  
Hexachlorobenzene  
Concen: 39.276 ng  
RT: 16.71 min Scan# 2318  
Delta R.T. -0.00 min  
Lab File: BG043338.D  
Acq: 25 Oct 2019 14:11

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 27.0  | 21.1  | 31.7  |
| 249     | 31.7  | 24.4  | 36.6  |

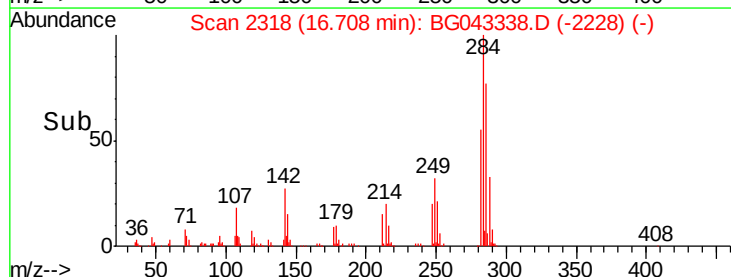
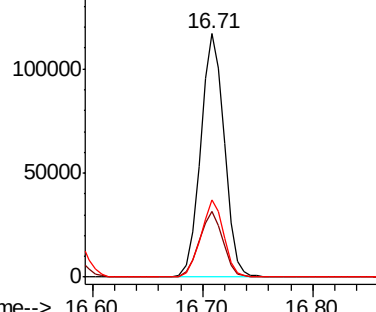


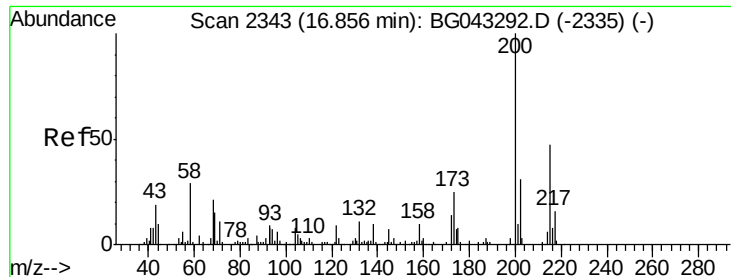
Abundance

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: 51.097 ng

RT: 16.86 min Scan# 2343

Delta R.T. -0.00 min

Lab File: BG043338.D

Acq: 25 Oct 2019 14:11

Instrument :

BNA\_G

ClientSampleId :

PB124305BS

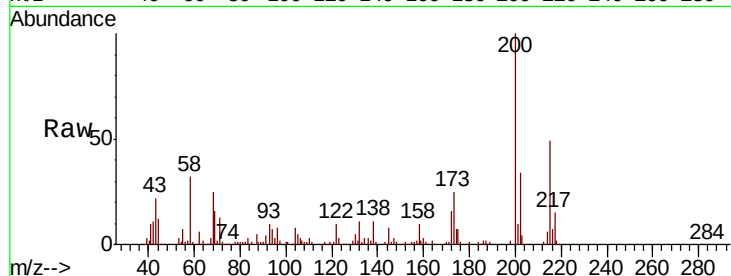
Tot Ion:200 Resp: 145095

Ion Ratio Lower Upper

200 100

173 24.6 5.1 45.1

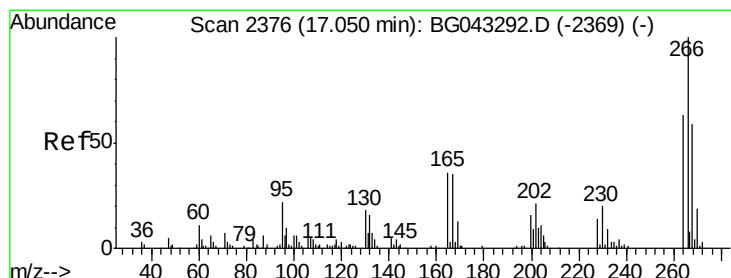
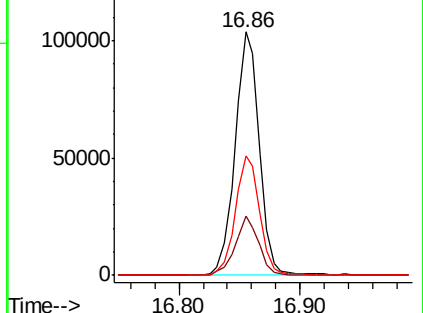
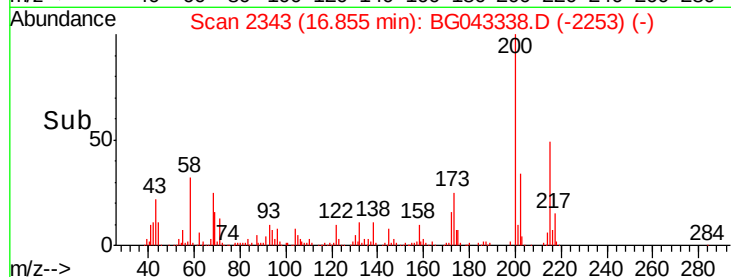
215 49.3 26.6 66.6



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 100.665 ng

RT: 17.06 min Scan# 2378

Delta R.T. 0.01 min

Lab File: BG043338.D

Acq: 25 Oct 2019 14:11

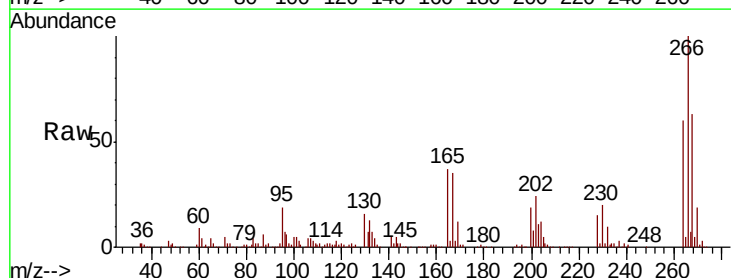
Tgt Ion:266 Resp: 205100

Ion Ratio Lower Upper

266 100

268 62.6 47.1 70.7

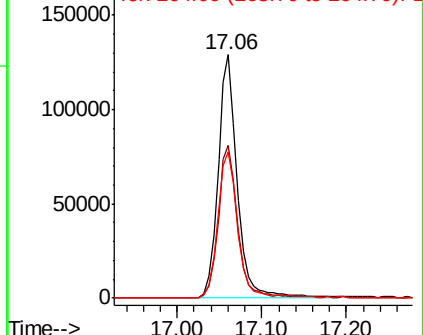
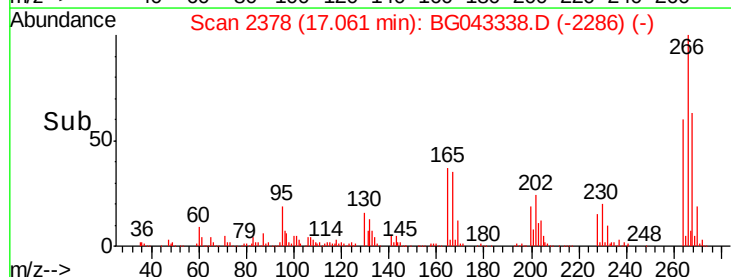
264 60.1 50.4 75.6

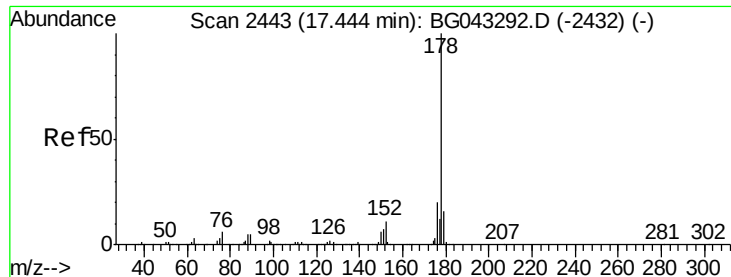


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 42.424 ng

RT: 17.44 min Scan# 2443

Delta R.T. -0.00 min

Lab File: BG043338.D

Acq: 25 Oct 2019 14:11

Instrument :

BNA\_G

ClientSampleId :

PB124305BS

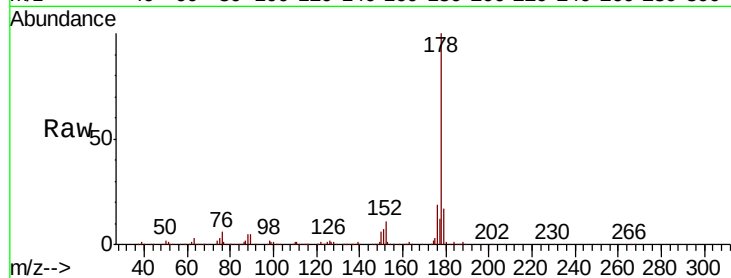
Tot Ion:178 Resp: 628818

Ion Ratio Lower Upper

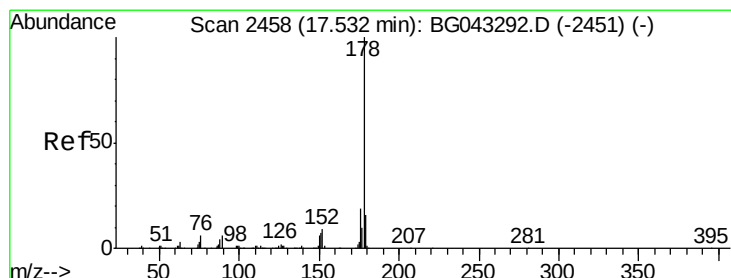
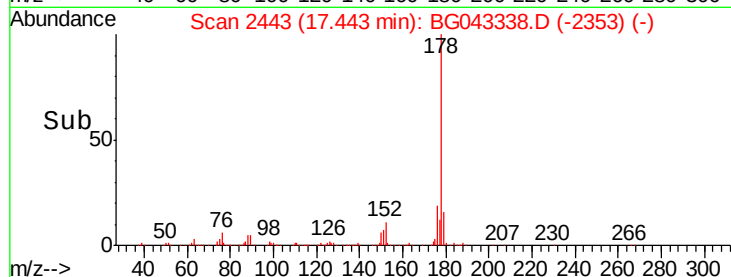
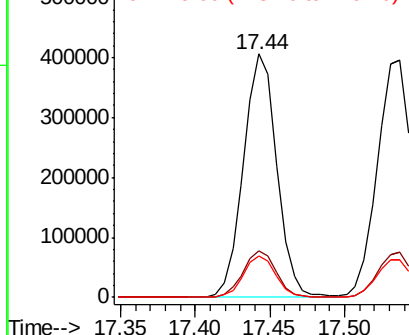
178 100

176 19.3 15.8 23.8

179 16.8 13.1 19.7



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



#72

Anthracene

Concen: 43.533 ng

RT: 17.54 min Scan# 2459

Delta R.T. 0.00 min

Lab File: BG043338.D

Acq: 25 Oct 2019 14:11

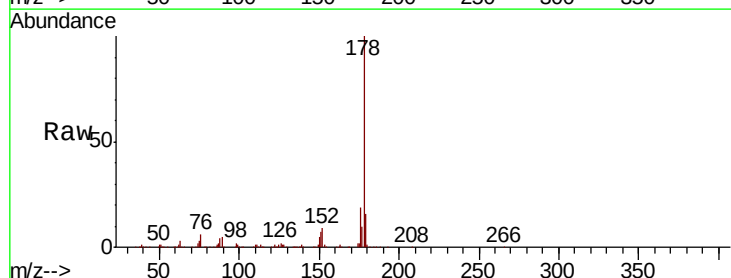
Tgt Ion:178 Resp: 645584

Ion Ratio Lower Upper

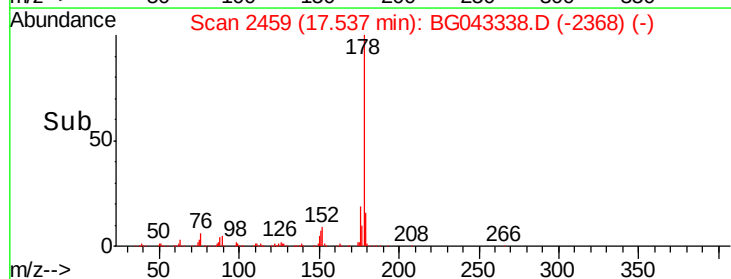
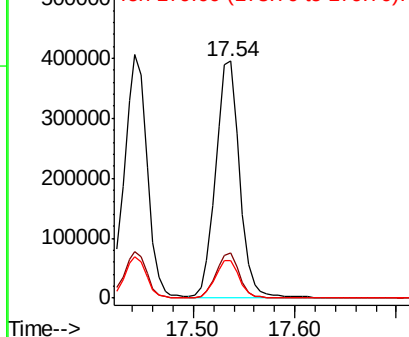
178 100

176 19.2 15.1 22.7

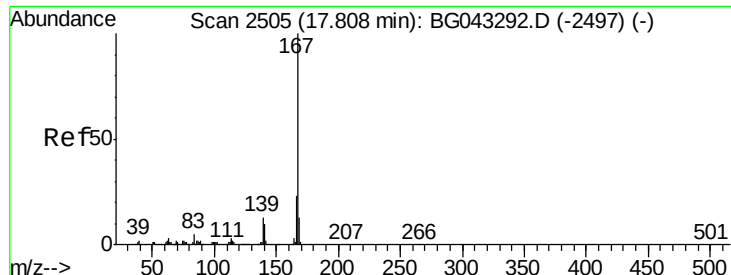
179 16.0 13.0 19.6



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



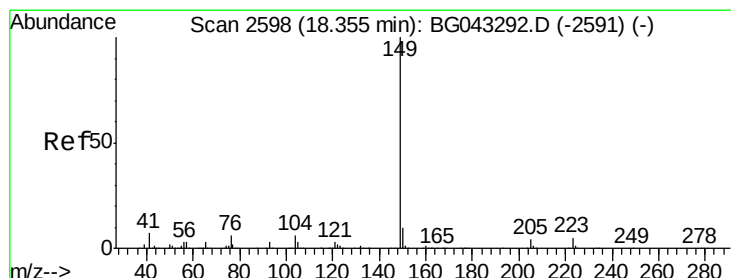
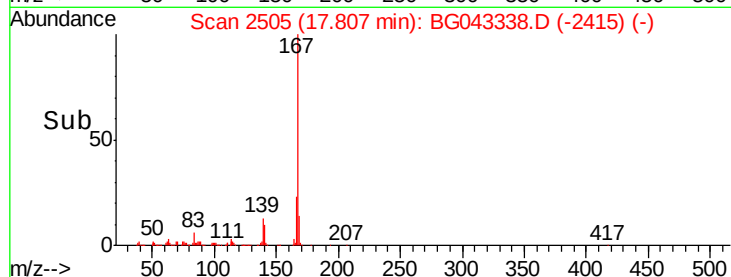
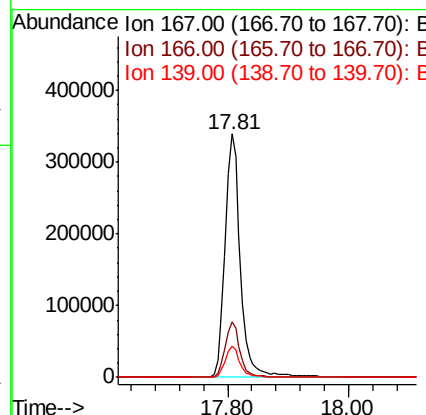
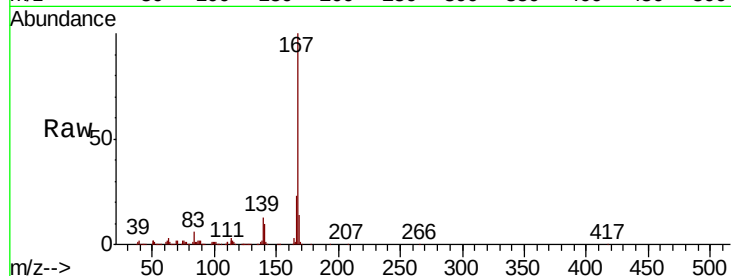




#73  
 Carbazole  
 Concen: 44.279 ng  
 RT: 17.81 min Scan# 2505  
 Delta R.T. -0.00 min  
 Lab File: BG043338.D  
 Acq: 25 Oct 2019 14:11

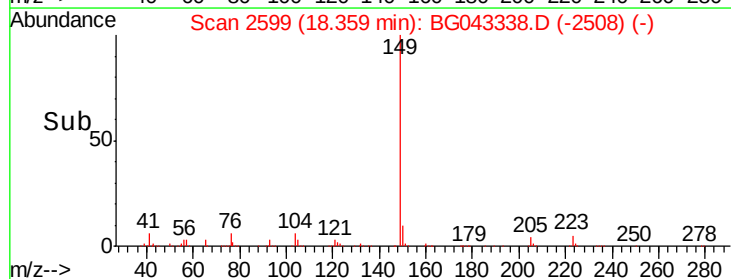
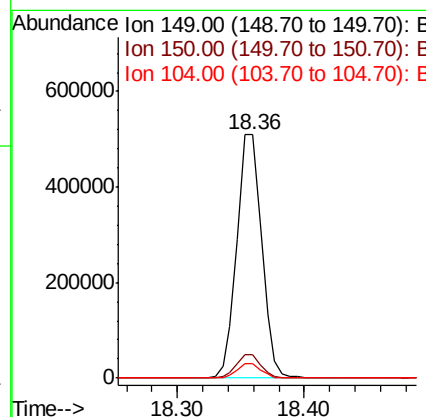
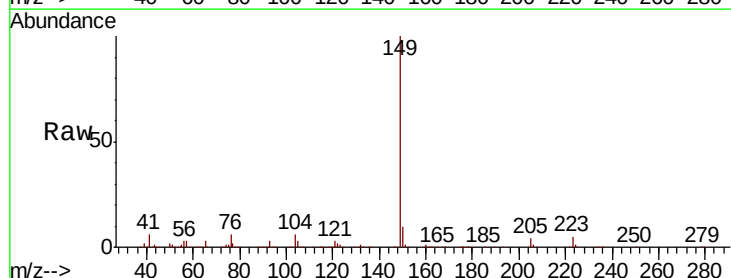
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB124305BS

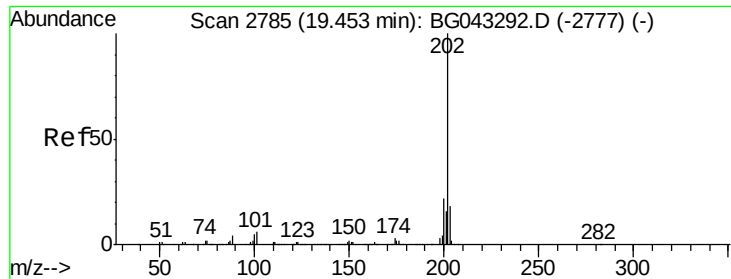
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 22.8  | 18.4  | 27.6  |
| 139     | 12.9  | 10.2  | 15.4  |



#74  
 Di-n-butylphthalate  
 Concen: 42.467 ng  
 RT: 18.36 min Scan# 2599  
 Delta R.T. 0.00 min  
 Lab File: BG043338.D  
 Acq: 25 Oct 2019 14:11

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 150     | 9.6   | 8.0   | 12.0  |
| 104     | 5.7   | 4.7   | 7.1   |





#75

Fluoranthene

Concen: 44.038 ng

RT: 19.45 min Scan# 2785

Delta R.T. -0.00 min

Lab File: BG043338.D

Acq: 25 Oct 2019 14:11

Instrument :

BNA\_G

ClientSampleId :

PB124305BS

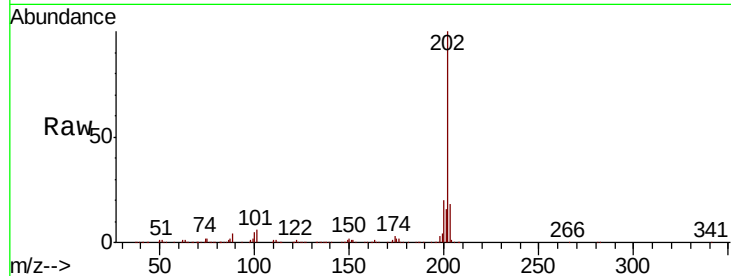
Tot Ion:202 Resp: 850971

Ion Ratio Lower Upper

202 100

101 6.2 0.0 26.0

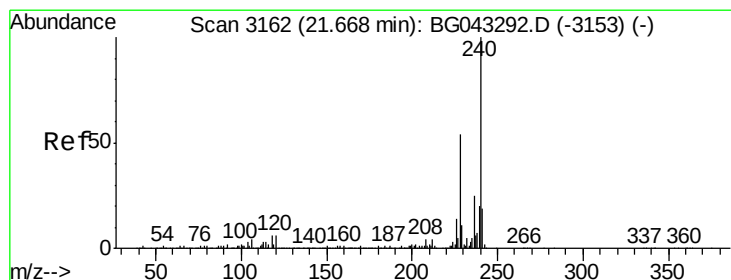
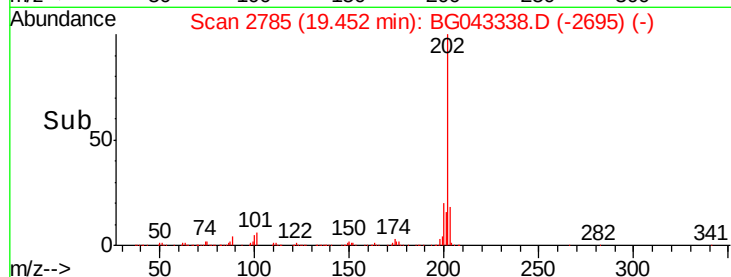
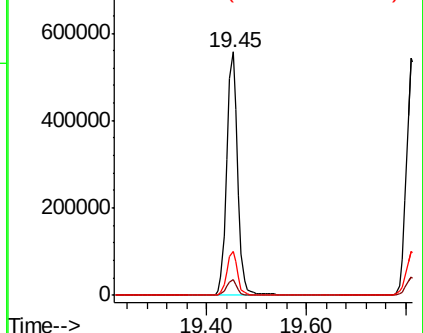
203 18.2 0.0 38.2



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: 21.67 min Scan# 3162

Delta R.T. -0.00 min

Lab File: BG043338.D

Acq: 25 Oct 2019 14:11

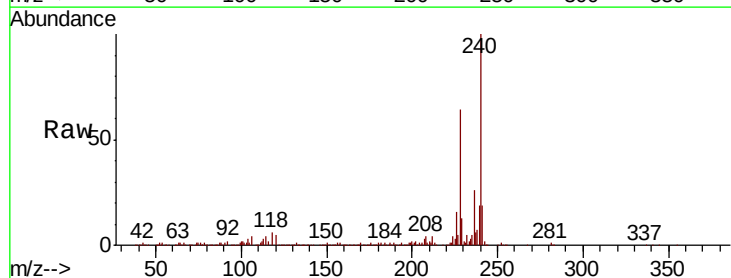
Tgt Ion:240 Resp: 331694

Ion Ratio Lower Upper

240 100

120 5.2 4.6 7.0

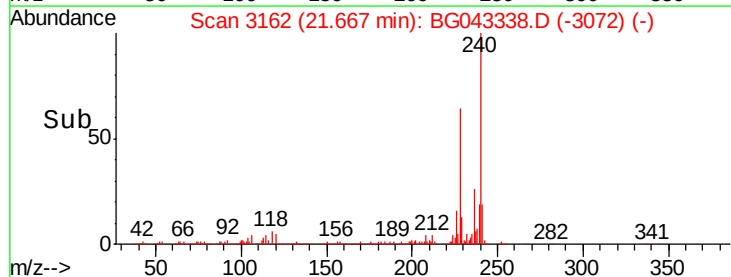
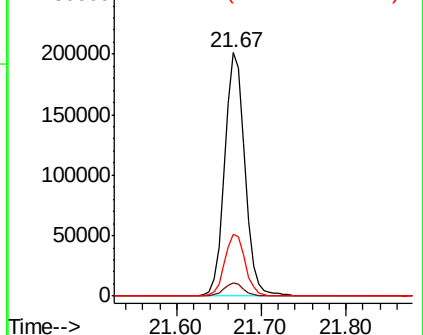
236 25.6 20.2 30.4

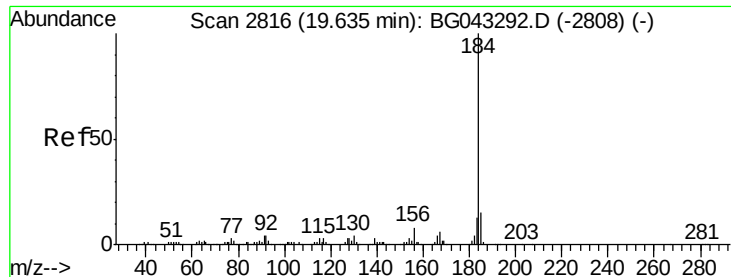


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 26.209 ng

RT: 19.64 min Scan# 2817

Delta R.T. 0.00 min

Lab File: BG043338.D

Acq: 25 Oct 2019 14:11

Instrument :

BNA\_G

ClientSampleId :

PB124305BS

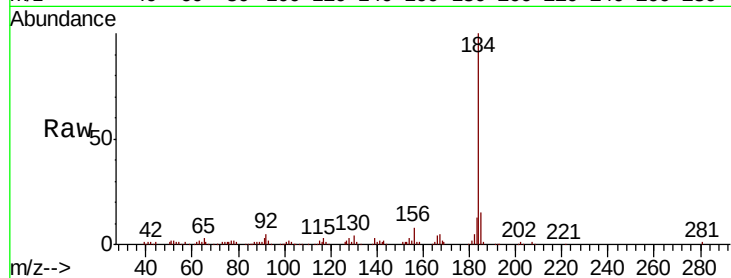
Tot Ion:184 Resp: 174958

Ion Ratio Lower Upper

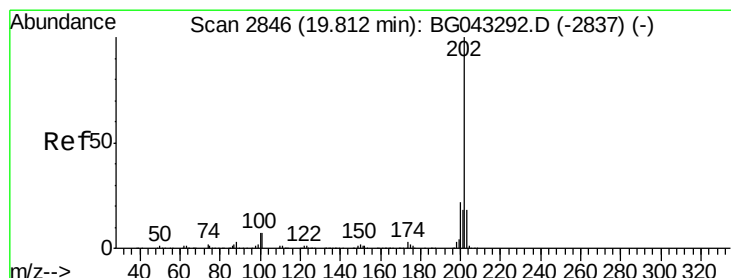
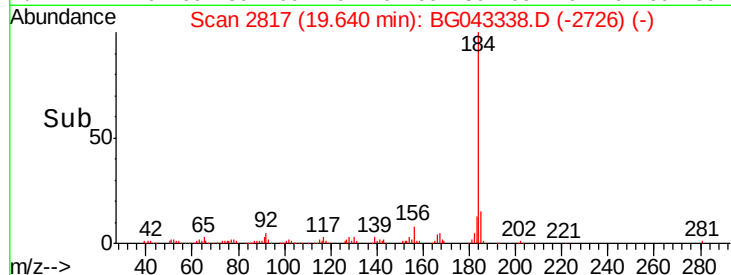
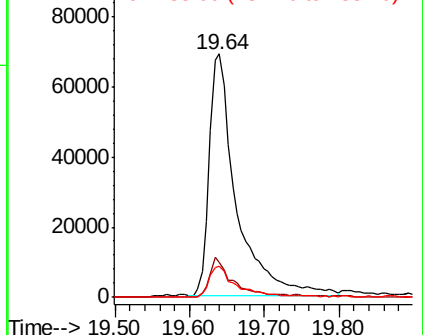
184 100

185 14.5 11.8 17.6

183 12.6 10.6 16.0



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: 41.735 ng

RT: 19.81 min Scan# 2846

Delta R.T. -0.00 min

Lab File: BG043338.D

Acq: 25 Oct 2019 14:11

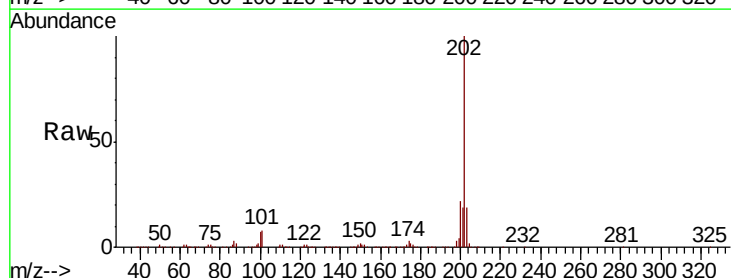
Tgt Ion:202 Resp: 856890

Ion Ratio Lower Upper

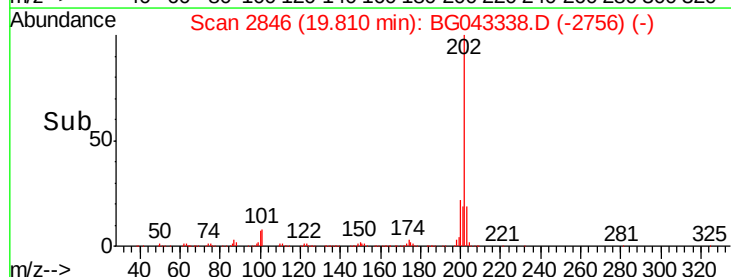
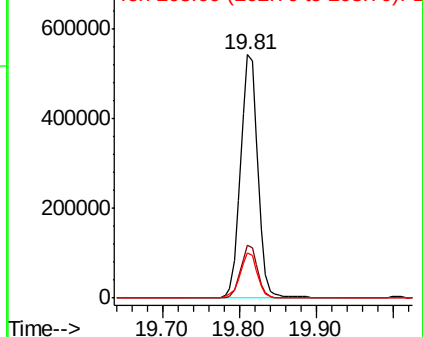
202 100

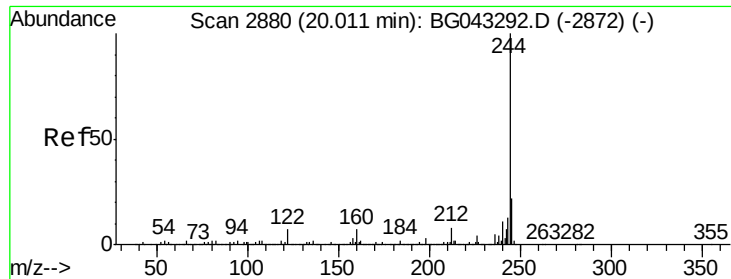
200 21.6 17.3 25.9

203 18.5 14.5 21.7



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: 62.286 ng

RT: 20.01 min Scan# 2880

Delta R.T. -0.00 min

Lab File: BG043338.D

Acq: 25 Oct 2019 14:11

Instrument :

BNA\_G

ClientSampleId :

PB124305BS

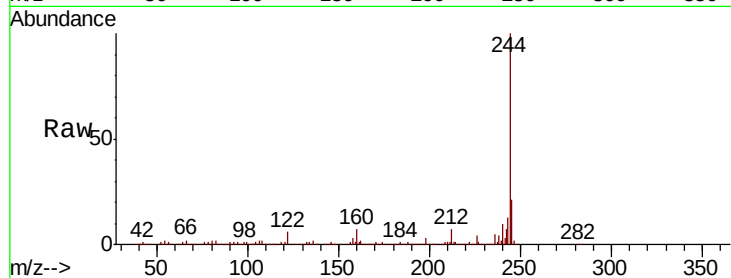
Tot Ion:244 Resp: 1101249

Ion Ratio Lower Upper

244 100

212 7.3 6.4 9.6

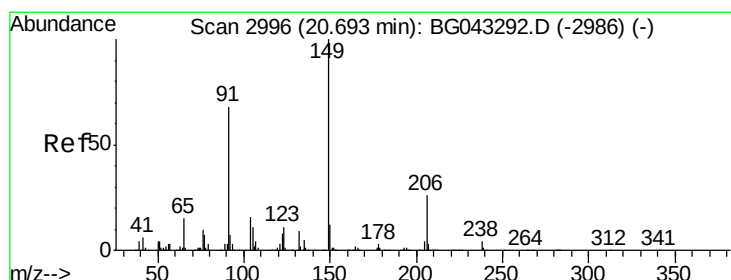
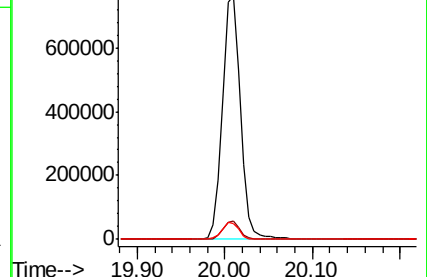
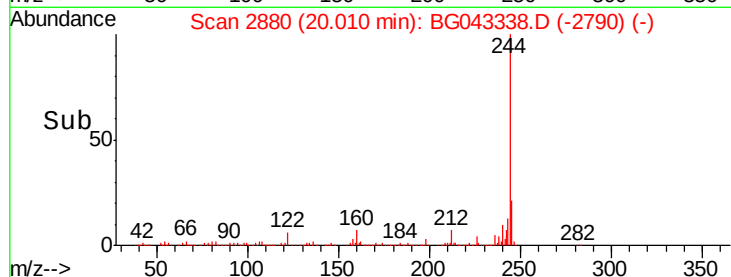
122 6.3 5.3 7.9



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 40.933 ng

RT: 20.70 min Scan# 2997

Delta R.T. 0.00 min

Lab File: BG043338.D

Acq: 25 Oct 2019 14:11

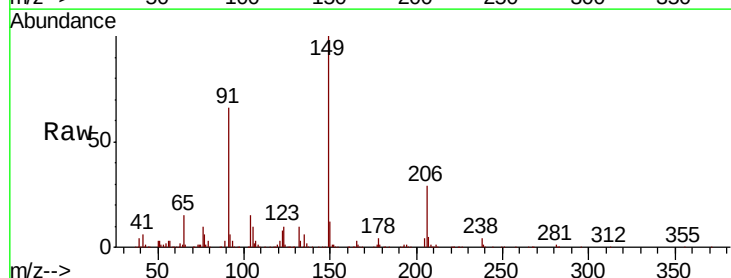
Tgt Ion:149 Resp: 318396

Ion Ratio Lower Upper

149 100

91 66.0 54.6 82.0

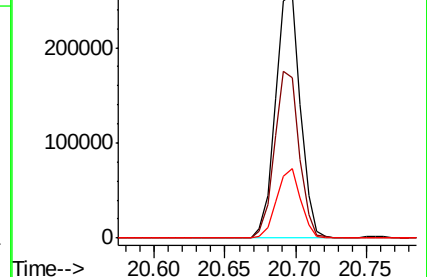
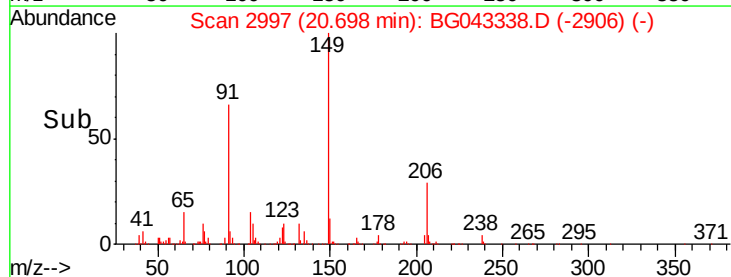
206 28.7 20.5 30.7

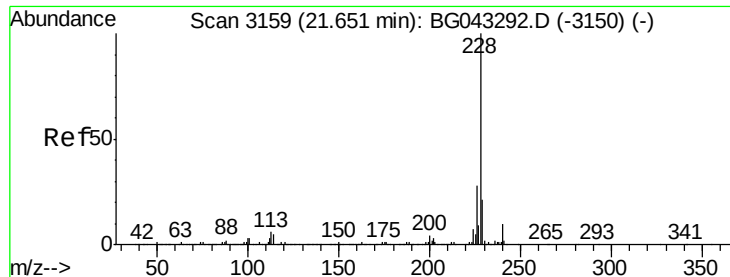


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

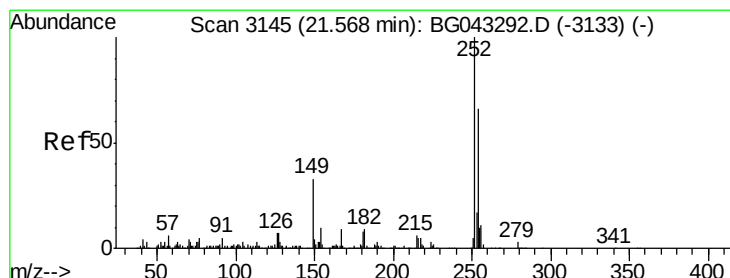
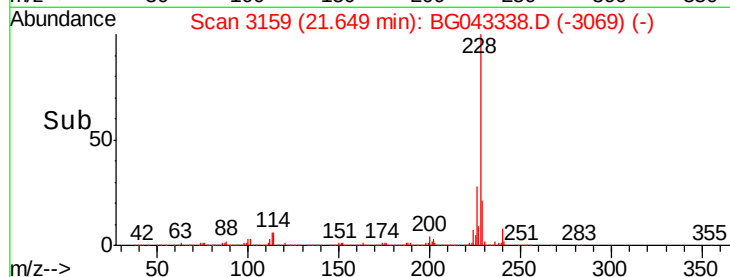
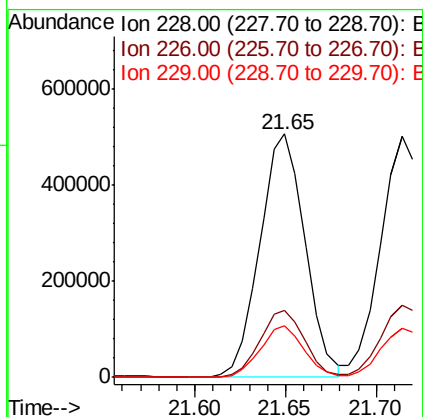
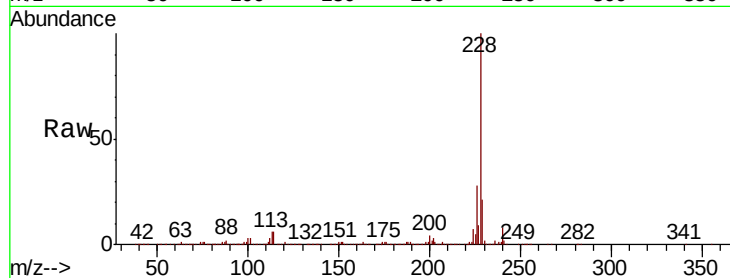




#81  
Benzo(a)anthracene  
Concen: 42.303 ng  
RT: 21.65 min Scan# 3159  
Delta R.T. -0.00 min  
Lab File: BG043338.D  
Acq: 25 Oct 2019 14:11

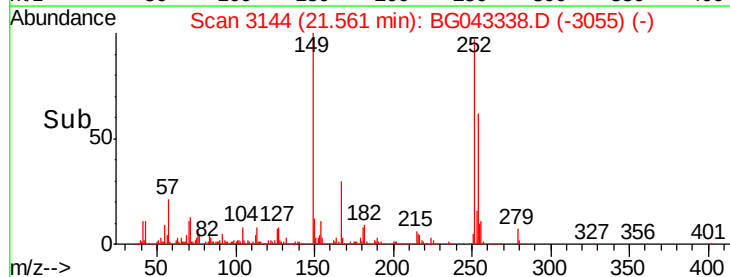
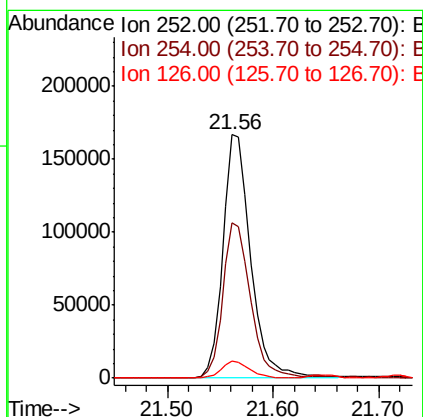
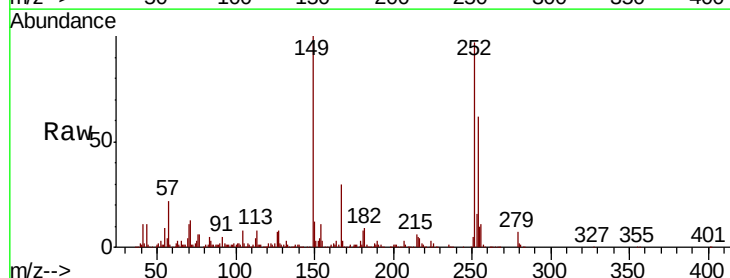
Instrument :  
BNA\_G  
ClientSampleId :  
PB124305BS

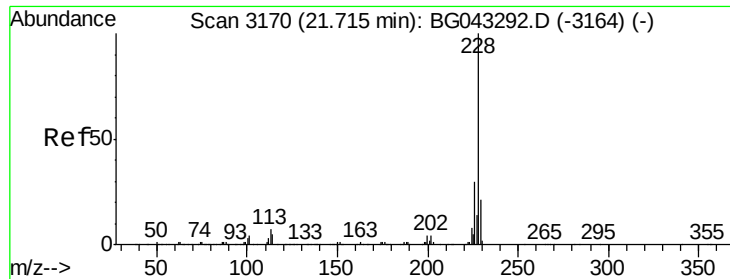
Tot Ion:228 Resp: 878932  
Ion Ratio Lower Upper  
228 100  
226 27.6 22.2 33.4  
229 21.0 16.9 25.3



#82  
3,3'-Dichlorobenzidine  
Concen: 37.917 ng  
RT: 21.56 min Scan# 3144  
Delta R.T. -0.01 min  
Lab File: BG043338.D  
Acq: 25 Oct 2019 14:11

Tgt Ion:252 Resp: 304708  
Ion Ratio Lower Upper  
252 100  
254 63.6 52.7 79.1  
126 7.2 5.6 8.4





#83

Chrysene

Concen: 41.386 ng

RT: 21.71 min Scan# 3170

Delta R.T. -0.00 min

Lab File: BG043338.D

Acq: 25 Oct 2019 14:11

Instrument :

BNA\_G

ClientSampleId :

PB124305BS

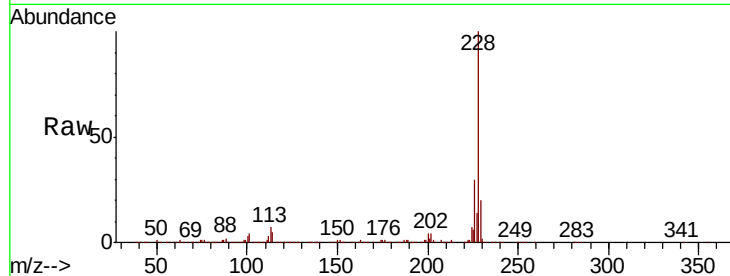
Tot Ion:228 Resp: 854350

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 30.1  | 23.8  | 35.8  |
| 229 | 20.2  | 16.3  | 24.5  |

228 100

226 30.1 23.8 35.8

229 20.2 16.3 24.5

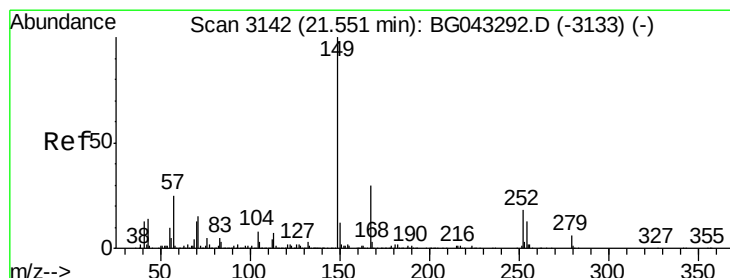
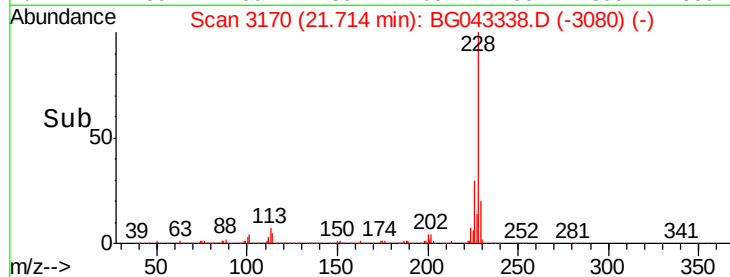
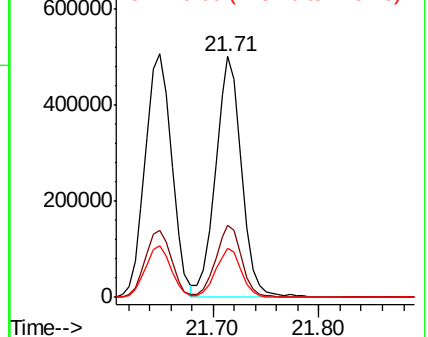


Abundance

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



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.829 ng

RT: 21.55 min Scan# 3142

Delta R.T. -0.00 min

Lab File: BG043338.D

Acq: 25 Oct 2019 14:11

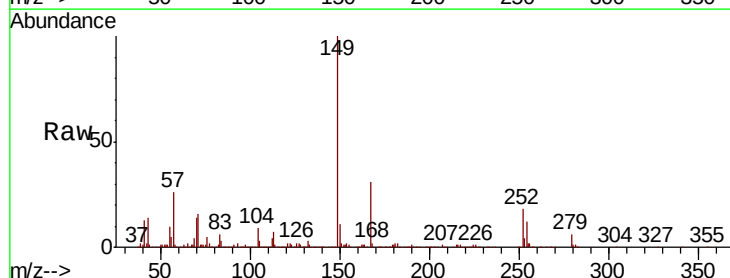
Tgt Ion:149 Resp: 462188

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 167 | 31.2  | 23.9  | 35.9  |
| 279 | 6.4   | 4.8   | 7.2   |

149 100

167 31.2 23.9 35.9

279 6.4 4.8 7.2

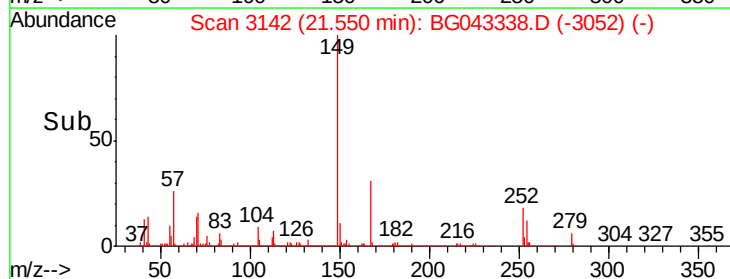
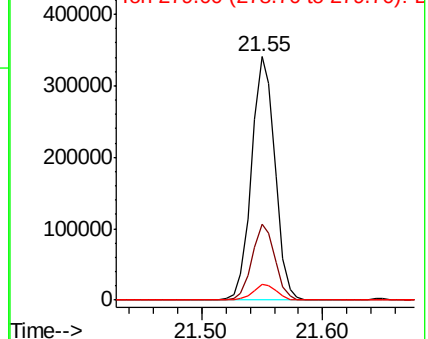


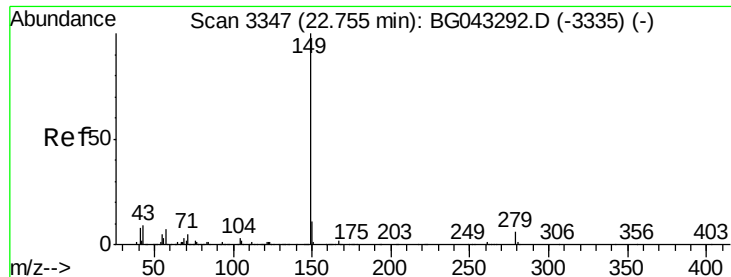
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

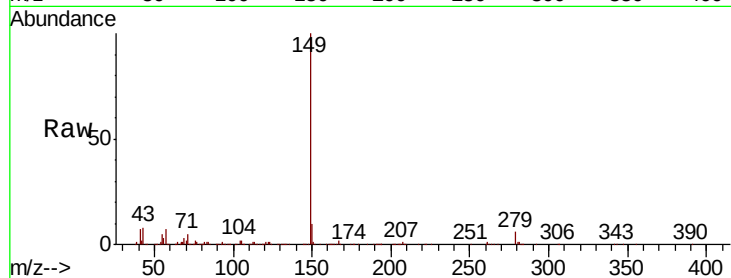




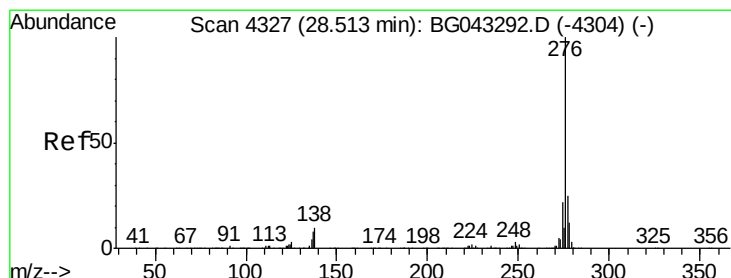
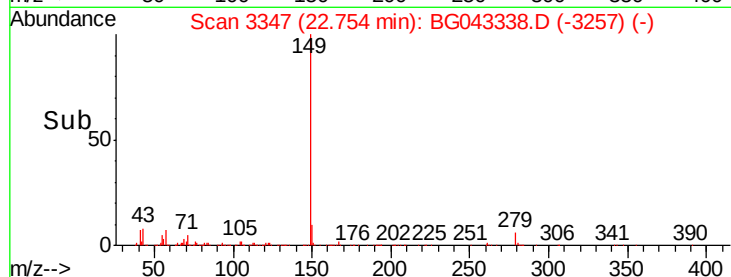
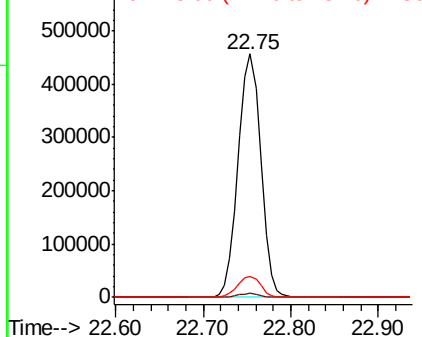
#85  
Di-n-octyl phthalate  
Concen: 42.499 ng  
RT: 22.75 min Scan# 3347  
Delta R.T. -0.00 min  
Lab File: BG043338.D  
Acq: 25 Oct 2019 14:11

Instrument :  
BNA\_G  
ClientSampleId :  
PB124305BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 1.7   | 1.4   | 2.0   |
| 43      | 8.6   | 6.9   | 10.3  |

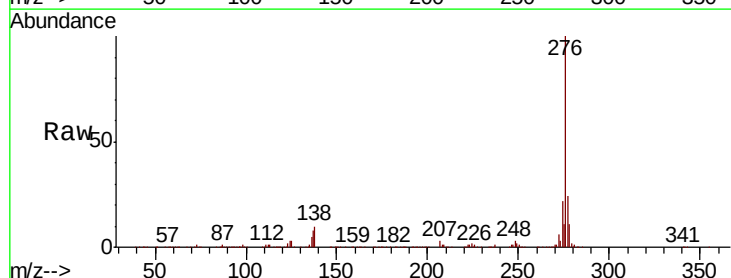


Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 167.00 (166.70 to 167.70): E  
Ion 43.00 (42.70 to 43.70): BGC

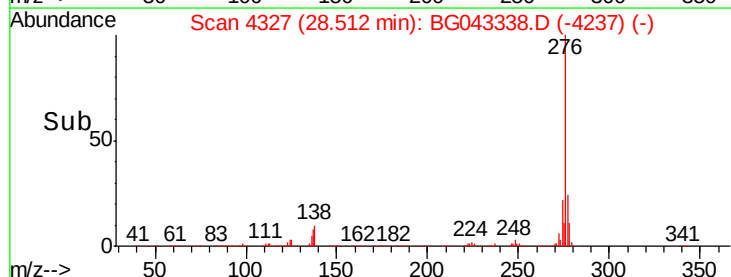
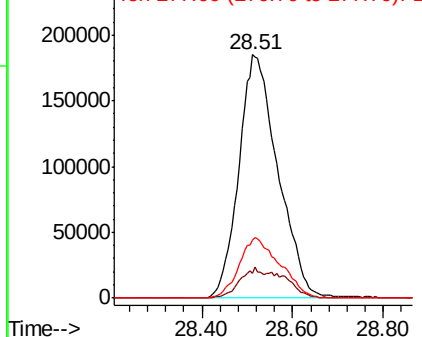


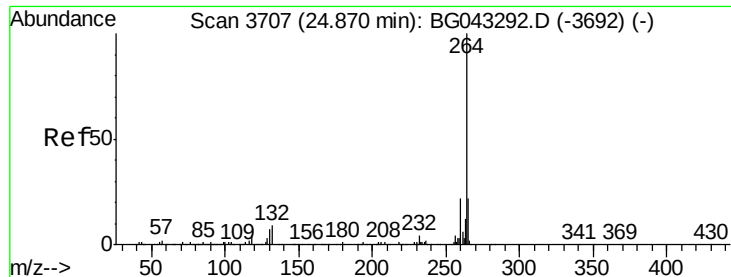
#86  
Indeno(1,2,3-cd)pyrene  
Concen: 42.595 ng  
RT: 28.51 min Scan# 4327  
Delta R.T. -0.00 min  
Lab File: BG043338.D  
Acq: 25 Oct 2019 14:11

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 7.2   | 7.2   | 10.8# |
| 277     | 25.8  | 20.9  | 31.3  |



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: 24.88 min Scan# 3708

Delta R.T. 0.00 min

Lab File: BG043338.D

Acq: 25 Oct 2019 14:11

Instrument :

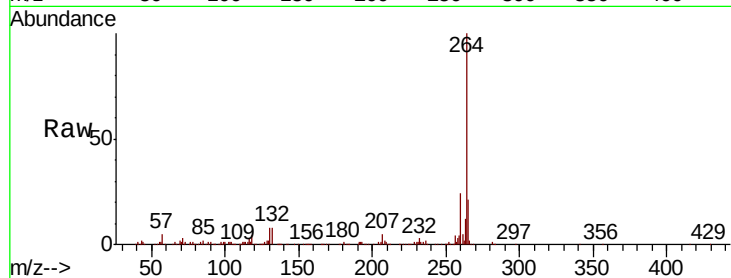
BNA\_G

ClientSampleId :

PB124305BS

Tot Ion:264 Resp: 304127

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 23.6  | 17.9  | 26.9  |
| 265 | 21.2  | 17.4  | 26.2  |

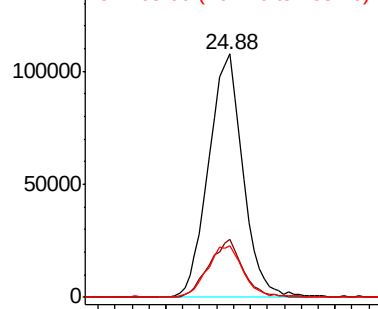


Abundance

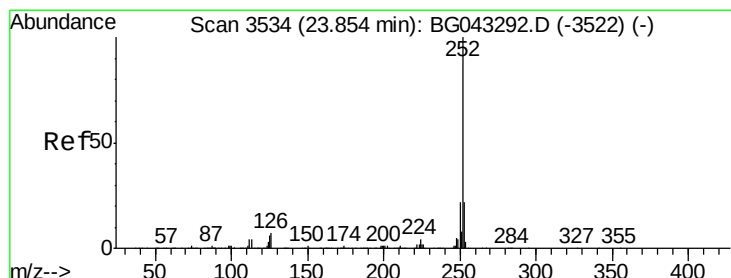
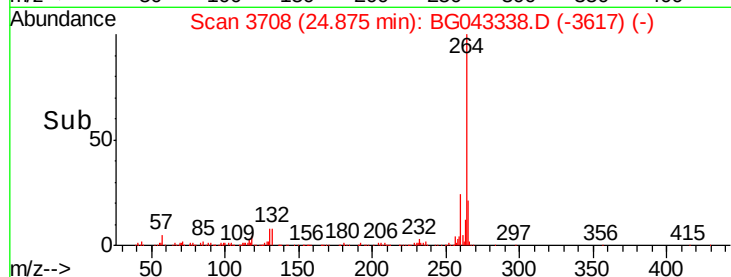
Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



Time-->



#88

Benzo(b)fluoranthene

Concen: 54.000 ng

RT: 23.85 min Scan# 3534

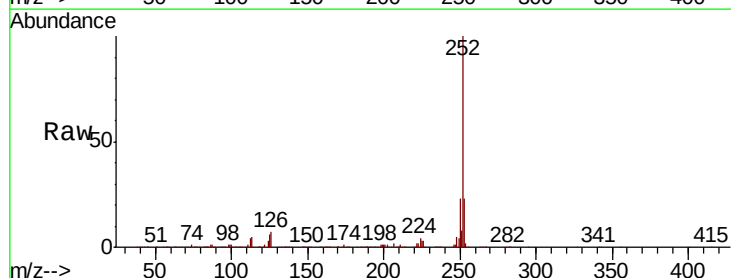
Delta R.T. -0.00 min

Lab File: BG043338.D

Acq: 25 Oct 2019 14:11

Tgt Ion:252 Resp: 930132

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 22.6  | 17.4  | 26.2  |
| 125 | 5.6   | 5.0   | 7.6   |

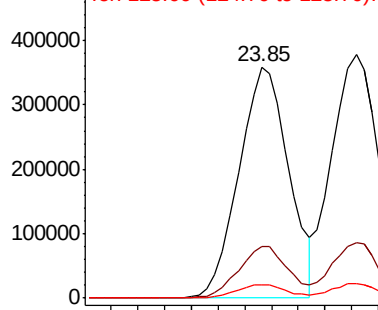


Abundance

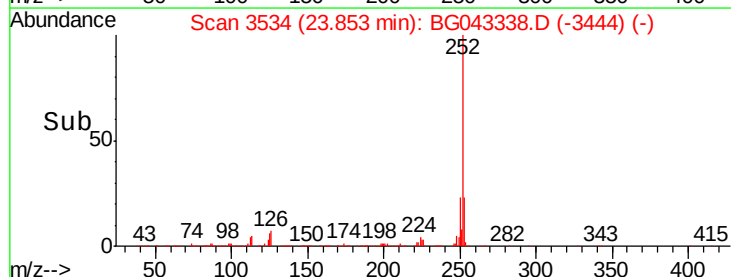
Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

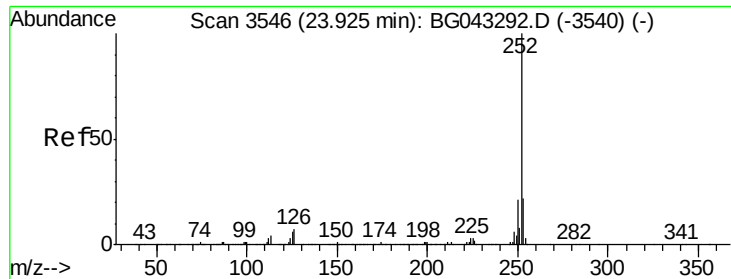
Ion 125.00 (124.70 to 125.70): E



Time-->



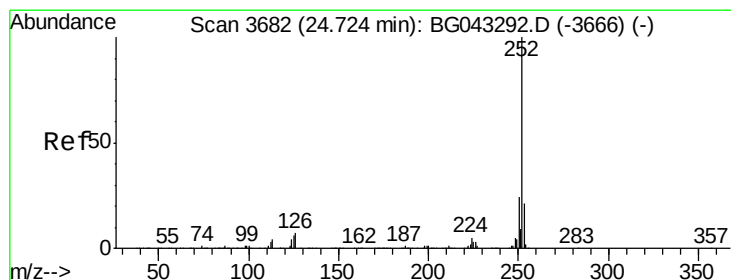
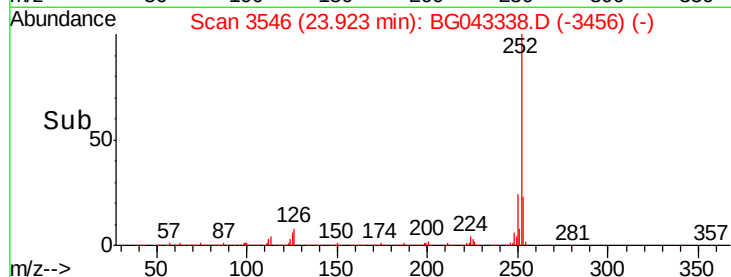
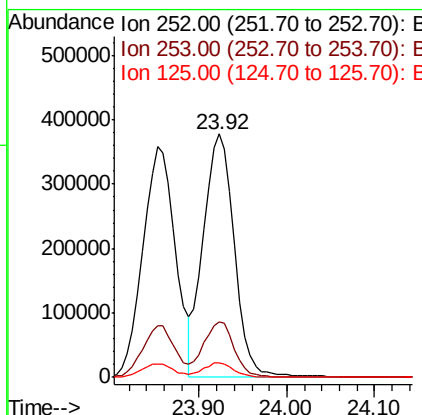
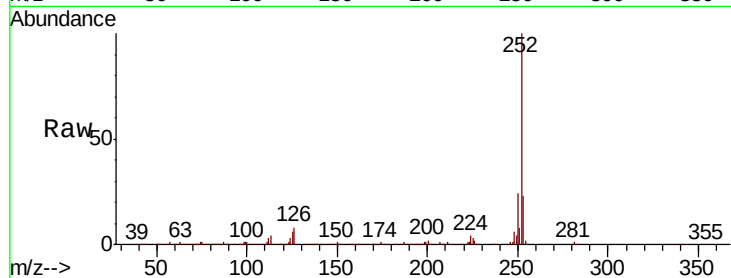




#89  
Benzo(k)fluoranthene  
Concen: 53.626 ng  
RT: 23.92 min Scan# 3546  
Delta R.T. -0.00 min  
Lab File: BG043338.D  
Acq: 25 Oct 2019 14:11

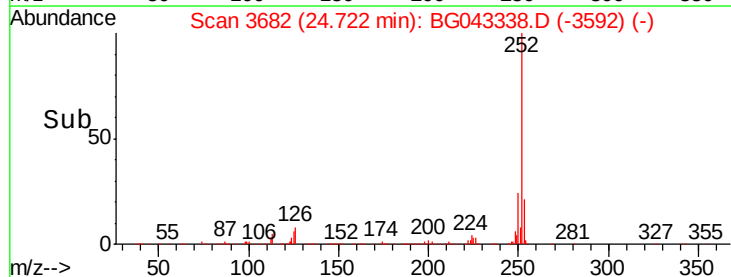
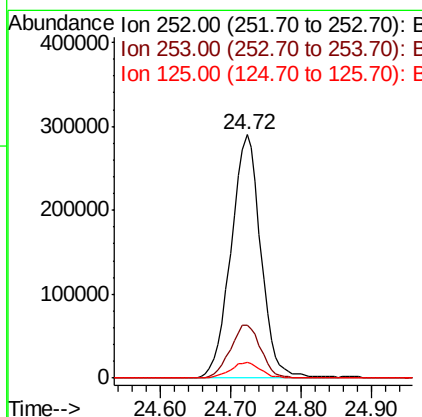
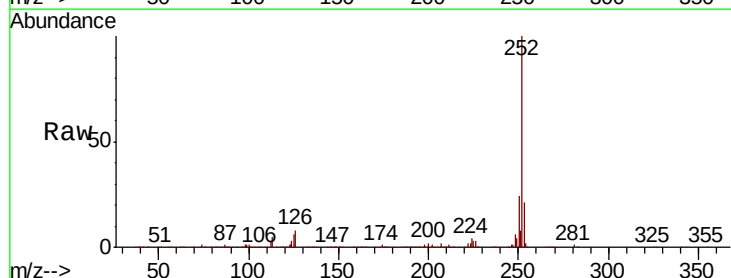
Instrument :  
BNA\_G  
ClientSampleId :  
PB124305BS

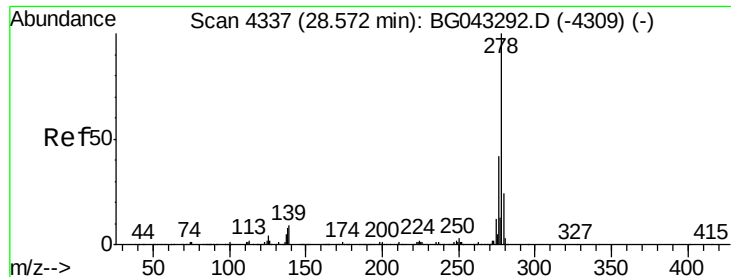
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.8  | 17.6  | 26.4  |
| 125     | 6.2   | 4.5   | 6.7   |



#90  
Benzo(a)pyrene  
Concen: 51.640 ng  
RT: 24.72 min Scan# 3682  
Delta R.T. -0.00 min  
Lab File: BG043338.D  
Acq: 25 Oct 2019 14:11

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.5  | 17.2  | 25.8  |
| 125     | 6.5   | 5.0   | 7.6   |





#91

Dibenzo(a,h)anthracene

Concen: 55.550 ng

RT: 28.58 min Scan# 4339

Delta R.T. 0.01 min

Lab File: BG043338.D

Acq: 25 Oct 2019 14:11

Instrument :

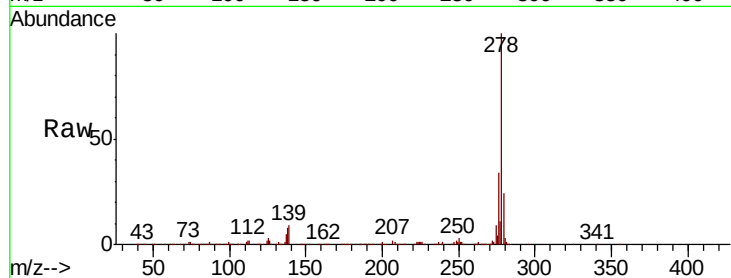
BNA\_G

ClientSampleId :

PB124305BS

Tot Ion:278 Resp: 934597

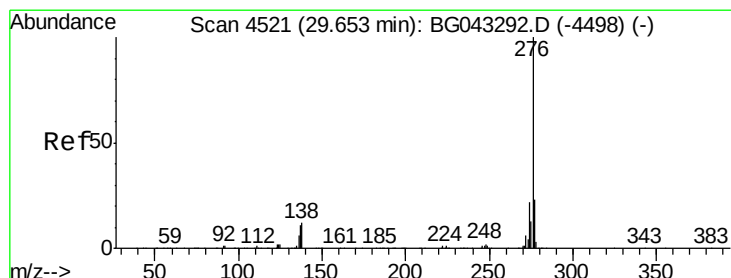
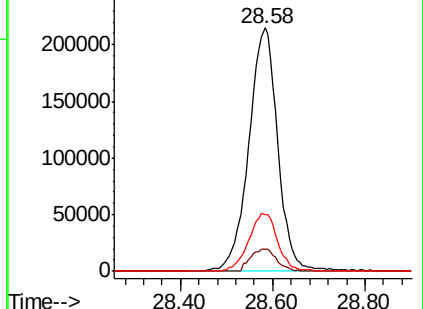
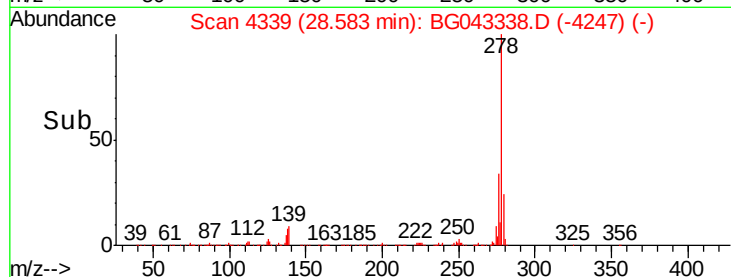
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 278 | 100   |       |       |
| 139 | 9.2   | 6.8   | 10.2  |
| 279 | 23.6  | 19.0  | 28.6  |



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: 56.431 ng

RT: 29.67 min Scan# 4524

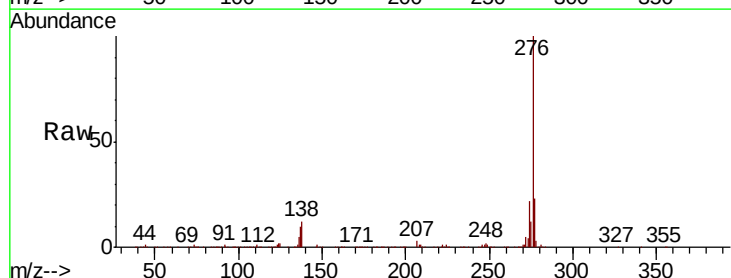
Delta R.T. 0.02 min

Lab File: BG043338.D

Acq: 25 Oct 2019 14:11

Tgt Ion:276 Resp: 936497

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 276 | 100   |       |       |
| 277 | 23.0  | 18.3  | 27.5  |
| 138 | 11.5  | 9.3   | 13.9  |



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

