

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022020\  
 Data File : BG044519.D  
 Acq On : 20 Feb 2020 14:01  
 Operator : CG/JU  
 Sample : PB126924BSD  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :

Quant Time: Feb 21 06:46:24 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Feb 10 16:11:50 2020  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.88  | 152  | 67309    | 20.00 | ng    | -0.02    |
| 21) Naphthalene-d8        | 10.68 | 136  | 275469   | 20.00 | ng    | -0.02    |
| 39) Acenaphthene-d10      | 14.53 | 164  | 185817   | 20.00 | ng    | -0.02    |
| 64) Phenanthrene-d10      | 17.27 | 188  | 409752   | 20.00 | ng    | -0.02    |
| 76) Chrysene-d12          | 21.51 | 240  | 374012   | 20.00 | ng    | -0.02    |
| 87) Perylene-d12          | 24.59 | 264  | 386937   | 20.00 | ng    | -0.03    |

## System Monitoring Compounds

|                          |       |     |         |        |    |       |
|--------------------------|-------|-----|---------|--------|----|-------|
| 5) 2-Fluorophenol        | 5.46  | 112 | 537373  | 140.90 | ng | -0.02 |
| 7) Phenol-d6             | 7.07  | 99  | 720508  | 140.68 | ng | -0.01 |
| 23) Nitrobenzene-d5      | 9.04  | 82  | 369517  | 75.73  | ng | -0.02 |
| 42) 2,4,6-Tribromophenol | 16.02 | 330 | 298694  | 136.93 | ng | -0.01 |
| 45) 2-Fluorobiphenyl     | 13.15 | 172 | 874103  | 78.77  | ng | -0.02 |
| 79) Terphenyl-d14        | 19.89 | 244 | 1374821 | 75.61  | ng | -0.02 |

## Target Compounds

|                                |       |     |        |        |    | Qvalue |
|--------------------------------|-------|-----|--------|--------|----|--------|
| 2) 1,4-Dioxane                 | 3.33  | 88  | 70198  | 40.966 | ng | 98     |
| 3) Pyridine                    | 3.73  | 79  | 164408 | 36.013 | ng | 99     |
| 4) n-Nitrosodimethylamine      | 3.65  | 42  | 82963  | 43.488 | ng | 94     |
| 6) Aniline                     | 7.21  | 93  | 236016 | 37.126 | ng | 97     |
| 8) 2-Chlorophenol              | 7.45  | 128 | 215598 | 51.436 | ng | 97     |
| 9) Benzaldehyde                | 7.01  | 77  | 89233  | 30.592 | ng | 99     |
| 10) Phenol                     | 7.09  | 94  | 266353 | 52.550 | ng | 99     |
| 11) bis(2-Chloroethyl)ether    | 7.30  | 93  | 192892 | 44.514 | ng | 96     |
| 12) 1,3-Dichlorobenzene        | 7.77  | 146 | 222235 | 44.406 | ng | 98     |
| 13) 1,4-Dichlorobenzene        | 7.92  | 146 | 221772 | 44.742 | ng | 99     |
| 14) 1,2-Dichlorobenzene        | 8.23  | 146 | 210162 | 44.858 | ng | 100    |
| 15) Benzyl Alcohol             | 8.12  | 79  | 176494 | 48.676 | ng | 98     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.42  | 45  | 248545 | 42.378 | ng | 100    |
| 17) 2-Methylphenol             | 8.33  | 107 | 186527 | 51.579 | ng | 97     |
| 18) Hexachloroethane           | 8.96  | 117 | 81025  | 43.561 | ng | 98     |
| 19) n-Nitroso-di-n-propylamine | 8.69  | 70  | 151840 | 44.486 | ng | 96     |
| 20) 3+4-Methylphenols          | 8.66  | 107 | 254802 | 51.126 | ng | 99     |
| 22) Acetophenone               | 8.70  | 105 | 289858 | 43.254 | ng | 99     |
| 24) Nitrobenzene               | 9.08  | 77  | 218045 | 45.775 | ng | 99     |
| 25) Isophorone                 | 9.61  | 82  | 423782 | 46.598 | ng | 99     |
| 26) 2-Nitrophenol              | 9.80  | 139 | 123560 | 49.990 | ng | 97     |
| 27) 2,4-Dimethylphenol         | 9.87  | 122 | 206004 | 59.043 | ng | 99     |
| 28) bis(2-Chloroethoxy)methane | 10.09 | 93  | 267381 | 44.072 | ng | 100    |
| 29) 2,4-Dichlorophenol         | 10.34 | 162 | 218923 | 51.892 | ng | 99     |
| 30) 1,2,4-Trichlorobenzene     | 10.55 | 180 | 217187 | 44.896 | ng | 99     |
| 31) Naphthalene                | 10.73 | 128 | 630321 | 47.162 | ng | 100    |
| 32) Benzoic acid               | 10.03 | 122 | 61241  | 32.951 | ng | 92     |
| 33) 4-Chloroaniline            | 10.84 | 127 | 167107 | 27.492 | ng | 98     |
| 34) Hexachlorobutadiene        | 11.03 | 225 | 128954 | 43.322 | ng | 99     |
| 35) Caprolactam                | 11.61 | 113 | 44119  | 28.548 | ng | 98     |
| 36) 4-Chloro-3-methylphenol    | 11.98 | 107 | 225610 | 51.005 | ng | 100    |
| 37) 2-Methylnaphthalene        | 12.35 | 142 | 473851 | 47.752 | ng | 99     |
| 38) 1-Methylnaphthalene        | 12.56 | 142 | 450958 | 48.203 | ng | 99     |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.72 | 216 | 239653 | 43.115 | ng | 99     |

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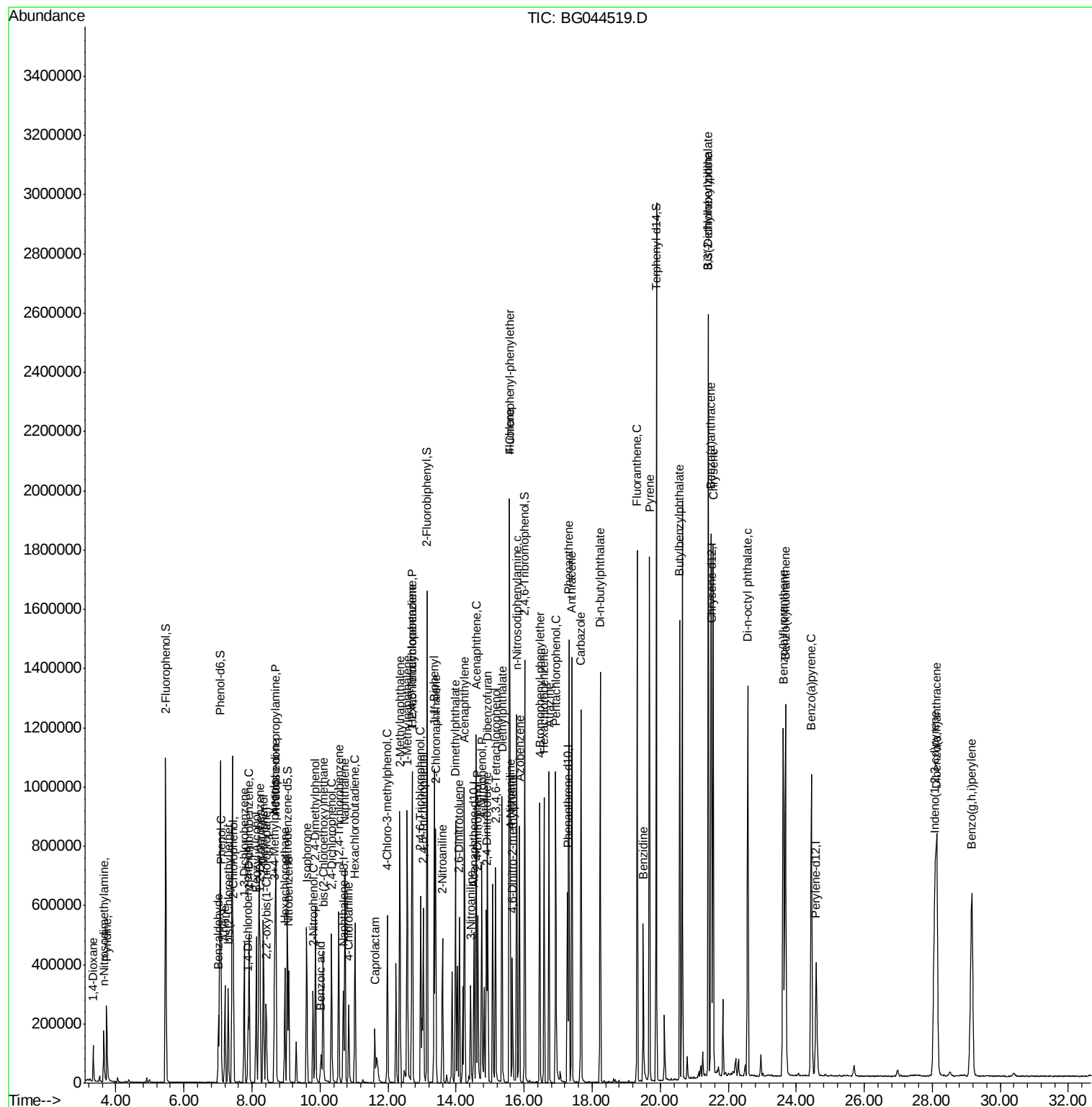
| Internal Standards             | R.T.  | QIon | Response | Conc    | Units | Dev(Min) |
|--------------------------------|-------|------|----------|---------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 12.71 | 237  | 227695   | 85.372  | ng    | 99       |
| 43) 2,4,6-Trichlorophenol      | 12.96 | 196  | 172870   | 48.116  | ng    | 99       |
| 44) 2,4,5-Trichlorophenol      | 13.04 | 196  | 186446   | 50.807  | ng    | 97       |
| 46) 1,1'-Biphenyl              | 13.36 | 154  | 602478   | 44.950  | ng    | 98       |
| 47) 2-Chloronaphthalene        | 13.40 | 162  | 468326   | 43.910  | ng    | 98       |
| 48) 2-Nitroaniline             | 13.60 | 65   | 136544   | 43.380  | ng    | 96       |
| 49) Acenaphthylene             | 14.25 | 152  | 745905   | 47.681  | ng    | 99       |
| 50) Dimethylphthalate          | 13.98 | 163  | 601236   | 45.013  | ng    | 99       |
| 51) 2,6-Dinitrotoluene         | 14.10 | 165  | 139167   | 46.729  | ng    | 96       |
| 52) Acenaphthene               | 14.59 | 154  | 458336   | 45.202  | ng    | 97       |
| 53) 3-Nitroaniline             | 14.43 | 138  | 98012    | 29.747  | ng    | 97       |
| 54) 2,4-Dinitrophenol          | 14.64 | 184  | 160518   | 89.916  | ng    | 99       |
| 55) Dibenzofuran               | 14.93 | 168  | 712085   | 46.384  | ng    | 98       |
| 56) 4-Nitrophenol              | 14.76 | 139  | 246590   | 102.170 | ng    | 94       |
| 57) 2,4-Dinitrotoluene         | 14.89 | 165  | 195210   | 46.766  | ng    | 96       |
| 58) Fluorene                   | 15.57 | 166  | 565077   | 46.733  | ng    | 98       |
| 59) 2,3,4,6-Tetrachlorophenol  | 15.16 | 232  | 164622   | 49.664  | ng    | 97       |
| 60) Diethylphthalate           | 15.35 | 149  | 600884   | 45.148  | ng    | 99       |
| 61) 4-Chlorophenyl-phenylether | 15.57 | 204  | 298913   | 45.592  | ng    | 99       |
| 62) 4-Nitroaniline             | 15.60 | 138  | 140750   | 42.750  | ng    | 95       |
| 63) Azobenzene                 | 15.86 | 77   | 533170   | 45.708  | ng    | 98       |
| 65) 4,6-Dinitro-2-methylphenol | 15.66 | 198  | 123103   | 54.426  | ng    | 96       |
| 66) n-Nitrosodiphenylamine     | 15.78 | 169  | 531562   | 46.291  | ng    | 98       |
| 67) 4-Bromophenyl-phenylether  | 16.46 | 248  | 199562   | 44.703  | ng    | 98       |
| 68) Hexachlorobenzene          | 16.58 | 284  | 221826   | 44.353  | ng    | 99       |
| 69) Atrazine                   | 16.73 | 200  | 206135   | 52.374  | ng    | 99       |
| 70) Pentachlorophenol          | 16.93 | 266  | 234663   | 92.282  | ng    | 98       |
| 71) Phenanthrene               | 17.31 | 178  | 927017   | 46.721  | ng    | 99       |
| 72) Anthracene                 | 17.41 | 178  | 944851   | 48.166  | ng    | 99       |
| 73) Carbazole                  | 17.67 | 167  | 863462   | 47.747  | ng    | 99       |
| 74) Di-n-butylphthalate        | 18.23 | 149  | 1036091  | 46.362  | ng    | 100      |
| 75) Fluoranthene               | 19.32 | 202  | 1115699  | 48.608  | ng    | 99       |
| 77) Benzidine                  | 19.50 | 184  | 382992   | 36.918  | ng    | 98       |
| 78) Pyrene                     | 19.69 | 202  | 1120784  | 46.662  | ng    | 99       |
| 80) Butylbenzylphthalate       | 20.57 | 149  | 486872   | 44.480  | ng    | 99       |
| 81) Benzo(a)anthracene         | 21.50 | 228  | 1085154  | 47.077  | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine     | 21.41 | 252  | 343350   | 38.379  | ng    | 99       |
| 83) Chrysene                   | 21.56 | 228  | 1048994  | 47.081  | ng    | 99       |
| 84) Bis(2-ethylhexyl)phthalate | 21.41 | 149  | 686635   | 45.575  | ng    | 99       |
| 85) Di-n-octyl phthalate       | 22.58 | 149  | 1229240  | 47.156  | ng    | 99       |
| 86) Indeno(1,2,3-cd)pyrene     | 28.07 | 276  | 1362174  | 46.861  | ng    | 99       |
| 88) Benzo(b)fluoranthene       | 23.62 | 252  | 1185430  | 53.166  | ng    | 99       |
| 89) Benzo(k)fluoranthene       | 23.68 | 252  | 1114524  | 51.287  | ng    | 99       |
| 90) Benzo(a)pyrene             | 24.45 | 252  | 1072003  | 50.851  | ng    | 98       |
| 91) Dibenzo(a,h)anthracene     | 28.13 | 278  | 1130836  | 54.202  | ng    | 99       |
| 92) Benzo(g,h,i)perylene       | 29.16 | 276  | 1149719  | 55.048  | ng    | 99       |

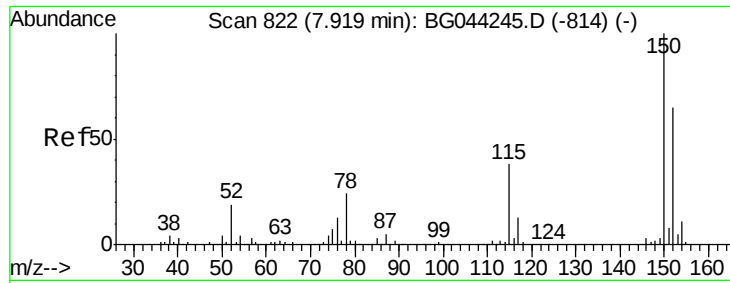
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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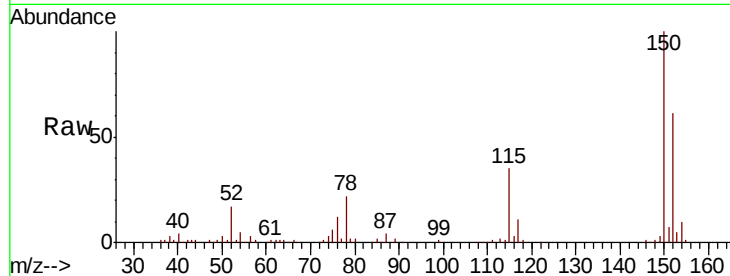


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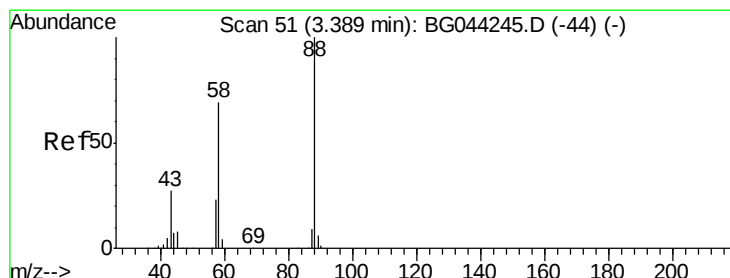
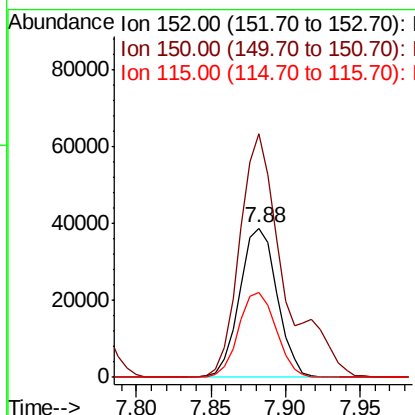
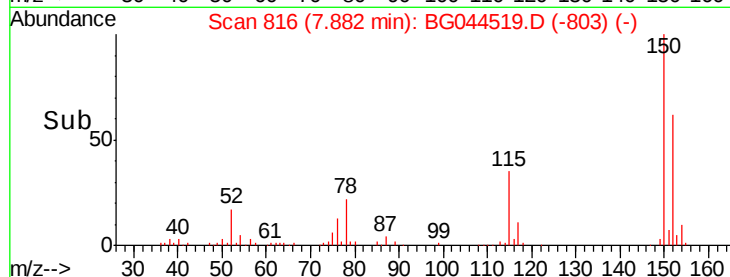
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.88 min Scan# 816  
Delta R.T. -0.02 min  
Lab File: BG044519.D  
Acq: 20 Feb 2020 14:01

Instrument :  
BNA\_G  
ClientSampleId :

Tot Ion:152 Resp: 67309  
Ion Ratio Lower Upper  
152 100  
150 163.1 122.6 183.8  
115 57.1 46.0 69.0



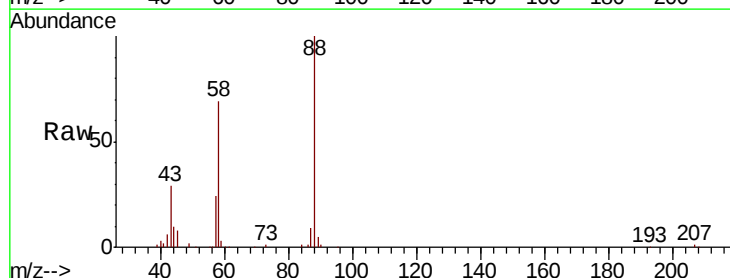
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



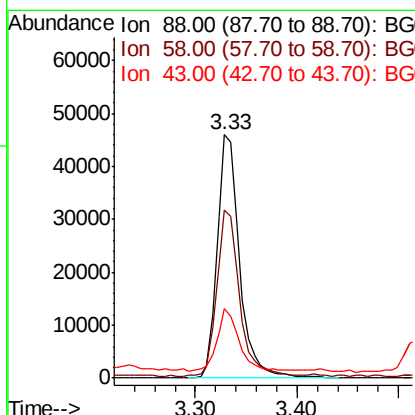
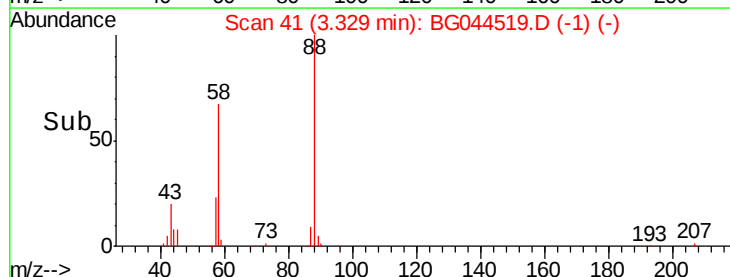
#2

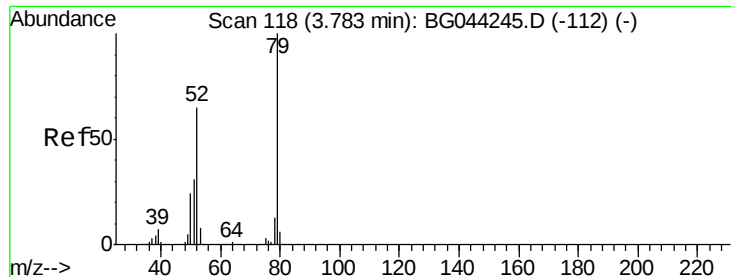
1,4-Dioxane  
Concen: 40.966 ng  
RT: 3.33 min Scan# 41  
Delta R.T. -0.03 min  
Lab File: BG044519.D  
Acq: 20 Feb 2020 14:01

Tgt Ion: 88 Resp: 70198  
Ion Ratio Lower Upper  
88 100  
58 69.2 55.8 83.6  
43 24.8 21.6 32.4



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

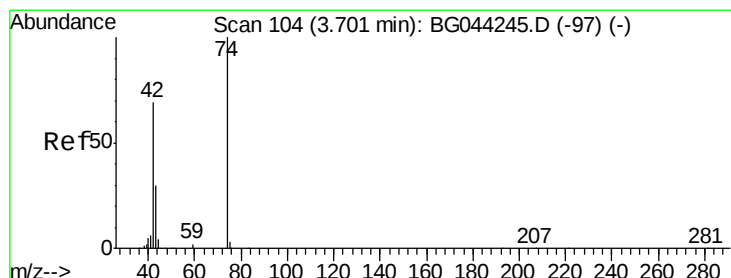
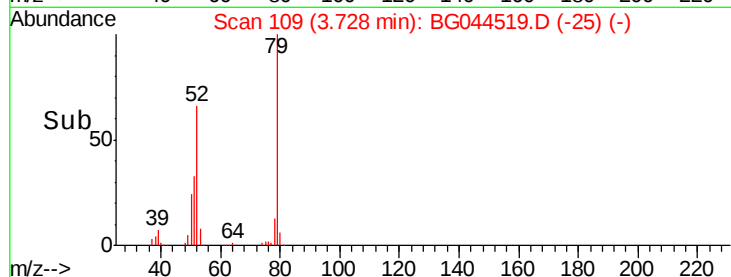
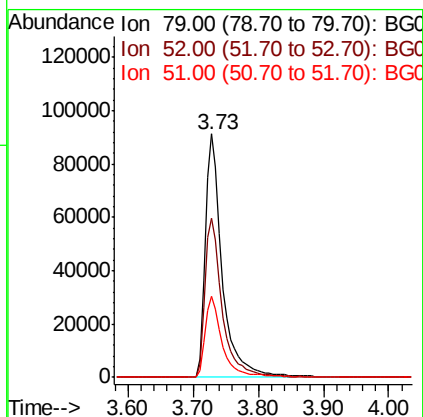
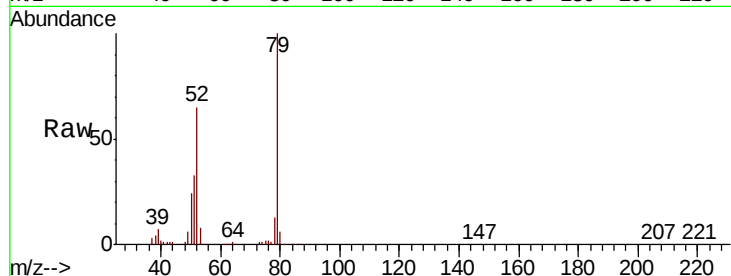




#3  
 Pvridine  
 Concen: 36.013 ng  
 RT: 3.73 min Scan# 109  
 Delta R.T. -0.03 min  
 Lab File: BG044519.D  
 Acq: 20 Feb 2020 14:01

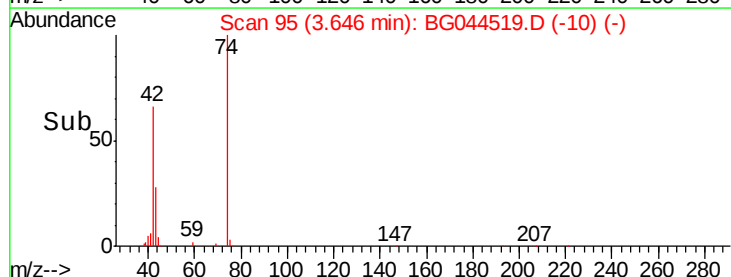
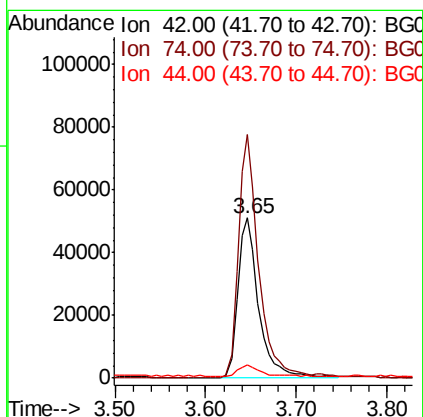
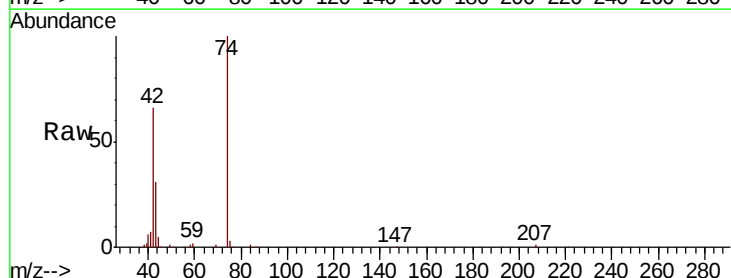
Instrument :  
 BNA\_G  
 ClientSampleId :

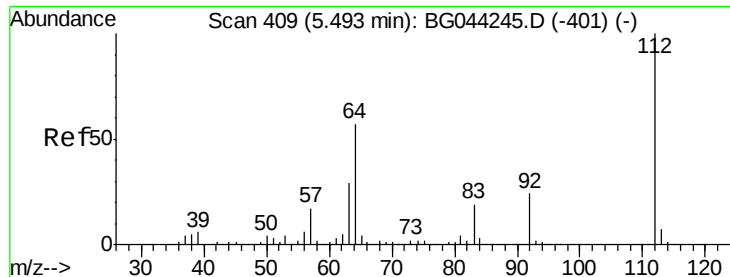
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 79      | 100   |       |       |
| 52      | 65.4  | 51.9  | 77.9  |
| 51      | 33.2  | 25.3  | 37.9  |



#4  
 n-Nitrosodimethylamine  
 Concen: 43.488 ng  
 RT: 3.65 min Scan# 95  
 Delta R.T. -0.03 min  
 Lab File: BG044519.D  
 Acq: 20 Feb 2020 14:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 74      | 151.9 | 115.1 | 172.7 |
| 44      | 8.0   | 5.6   | 8.4   |





#5

2-Fluorophenol

Concen: 140.899 ng

RT: 5.46 min Scan# 404

Delta R.T. -0.02 min

Lab File: BG044519.D

Acq: 20 Feb 2020 14:01

Instrument :

BNA\_G

ClientSampled :

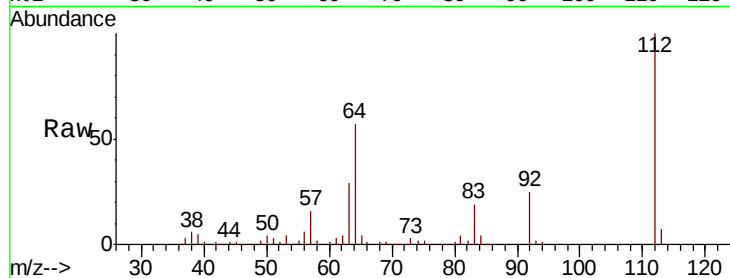
Tot Ion: 112 Resp: 537373

Ion Ratio Lower Upper

112 100

64 56.5 45.4 68.2

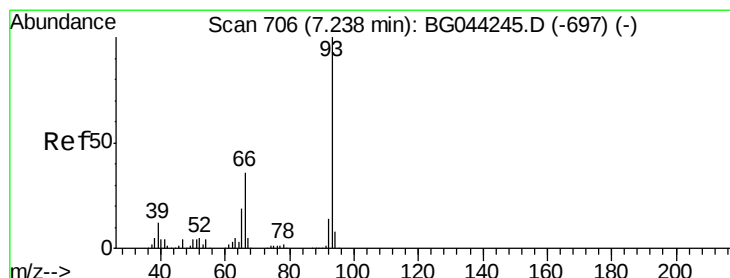
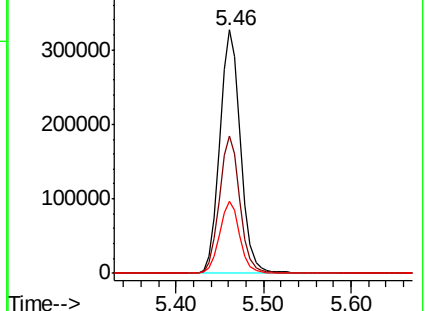
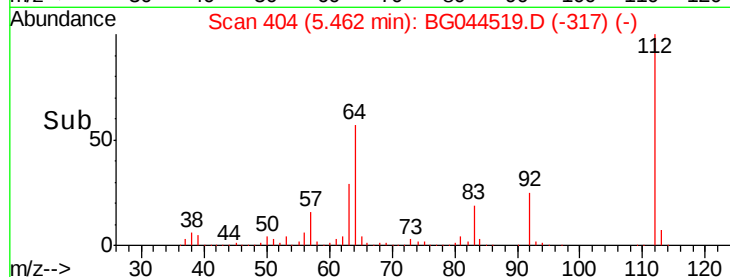
63 29.4 22.9 34.3



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 37.126 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.02 min

Lab File: BG044519.D

Acq: 20 Feb 2020 14:01

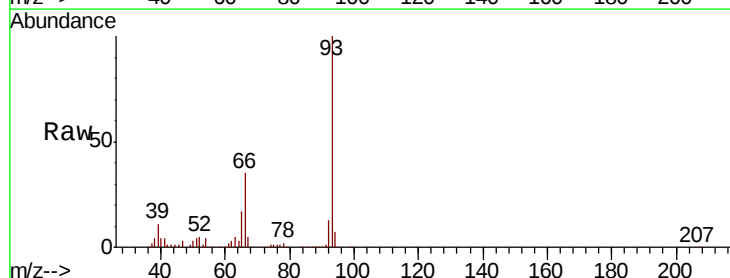
Tgt Ion: 93 Resp: 236016

Ion Ratio Lower Upper

93 100

66 34.9 28.7 43.1

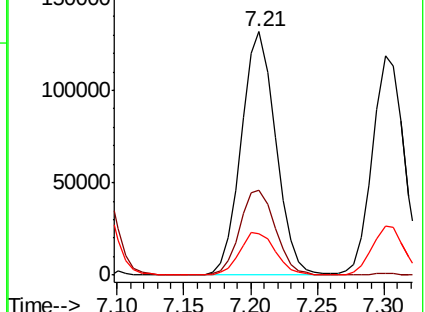
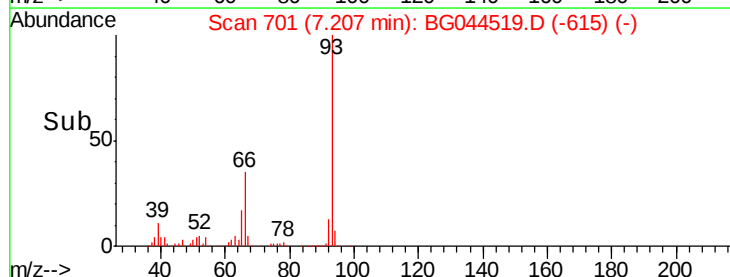
65 17.3 15.4 23.0

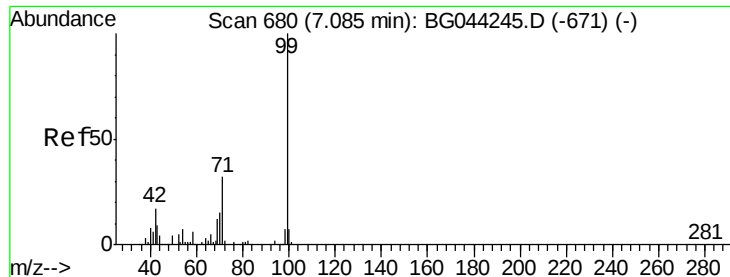


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 140.684 ng

RT: 7.07 min Scan# 677

Delta R.T. -0.01 min

Lab File: BG044519.D

Acq: 20 Feb 2020 14:01

Instrument :

BNA\_G

ClientSampled :

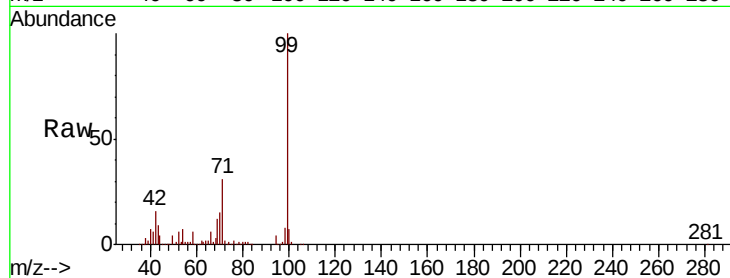
Tot Ion: 99 Resp: 720508

Ion Ratio Lower Upper

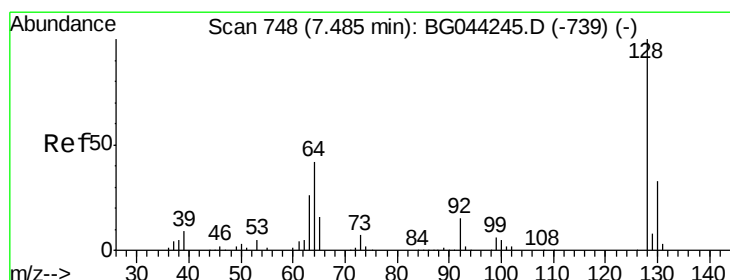
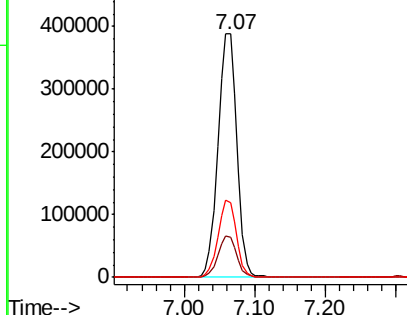
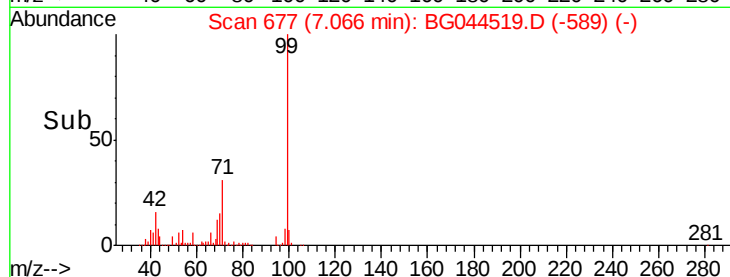
99 100

42 16.4 13.8 20.6

71 30.5 25.5 38.3



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



#8

2-Chlorophenol

Concen: 51.436 ng

RT: 7.45 min Scan# 743

Delta R.T. -0.02 min

Lab File: BG044519.D

Acq: 20 Feb 2020 14:01

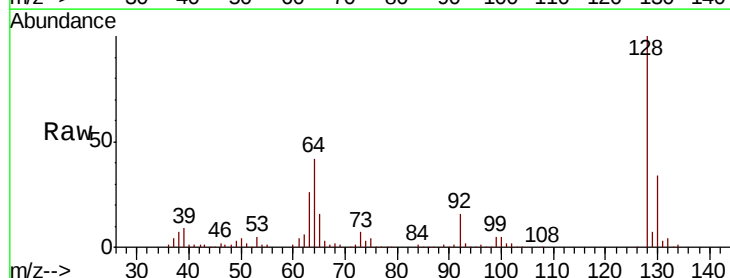
Tgt Ion: 128 Resp: 215598

Ion Ratio Lower Upper

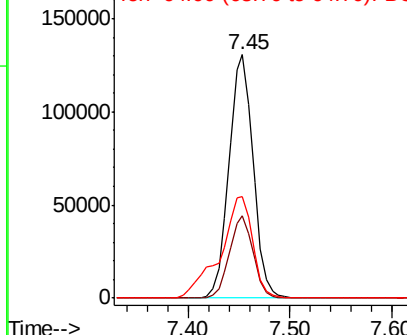
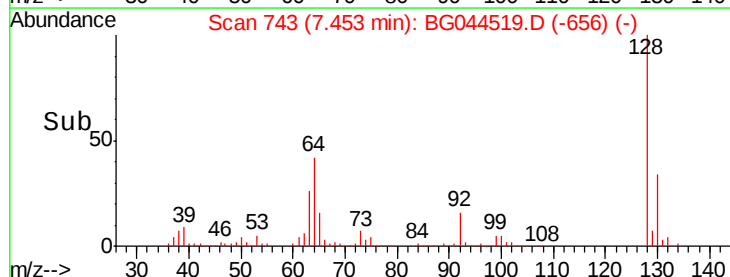
128 100

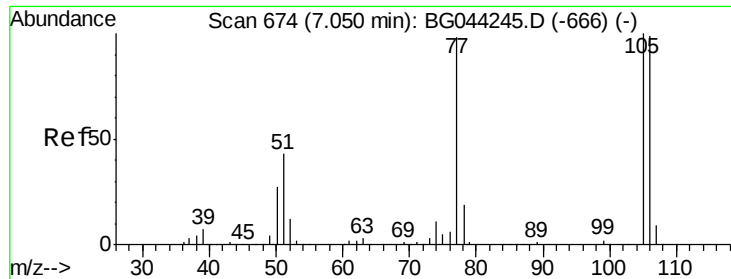
130 33.7 12.5 52.5

64 41.8 24.2 64.2



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: 30.592 ng

RT: 7.01 min Scan# 668

Delta R.T. -0.02 min

Lab File: BG044519.D

Acq: 20 Feb 2020 14:01

Instrument :

BNA\_G

ClientSampleId :

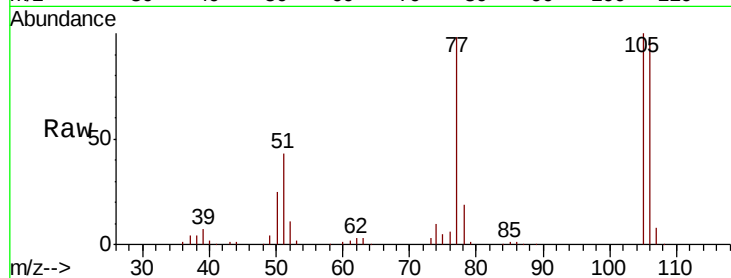
Tot Ion: 77 Resp: 89233

Ion Ratio Lower Upper

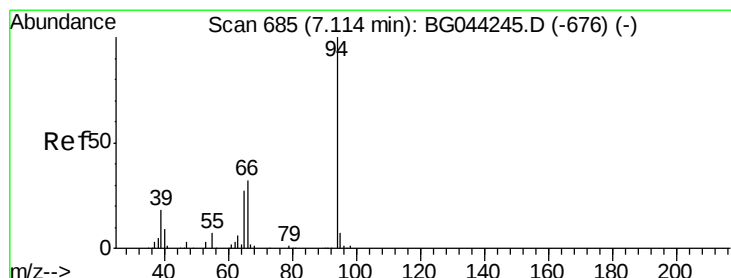
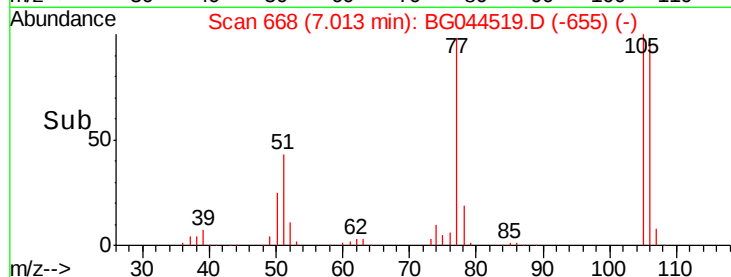
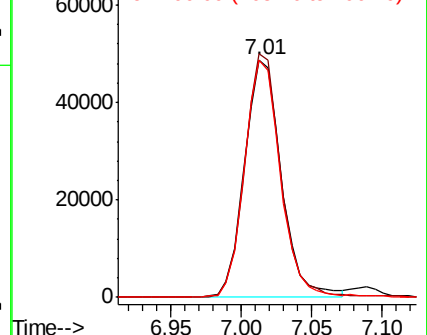
77 100

105 102.6 82.0 122.0

106 99.8 80.7 120.7



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: 52.550 ng

RT: 7.09 min Scan# 681

Delta R.T. -0.01 min

Lab File: BG044519.D

Acq: 20 Feb 2020 14:01

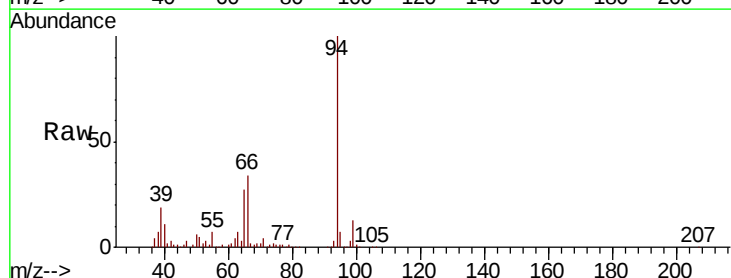
Tgt Ion: 94 Resp: 266353

Ion Ratio Lower Upper

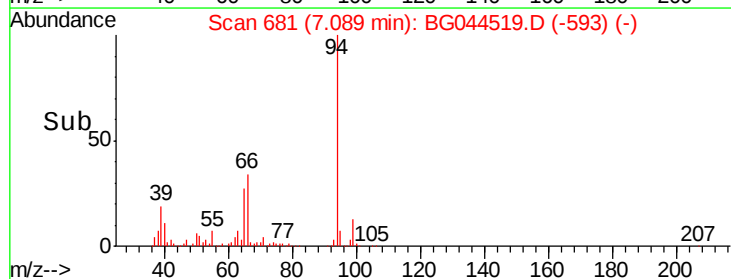
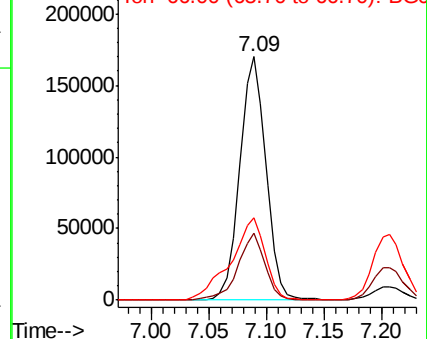
94 100

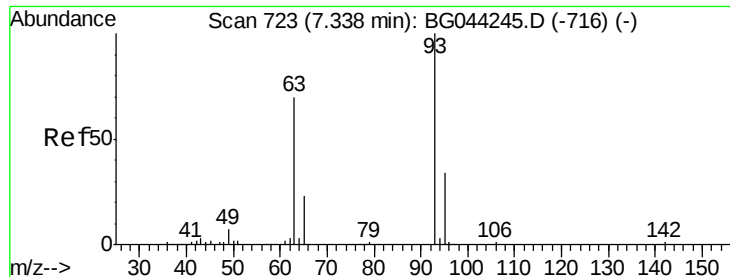
65 27.2 7.0 47.0

66 33.9 12.7 52.7



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: 44.514 ng

RT: 7.30 min Scan# 717

Delta R.T. -0.02 min

Lab File: BG044519.D

Acq: 20 Feb 2020 14:01

Instrument :

BNA\_G

ClientSampleId :

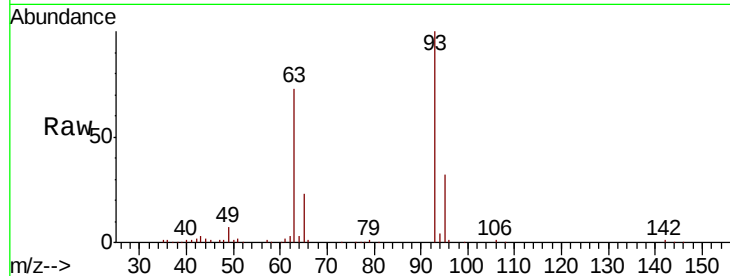
Tot Ion: 93 Resp: 192892

Ion Ratio Lower Upper

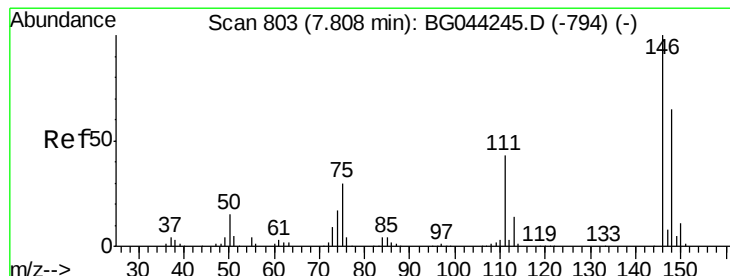
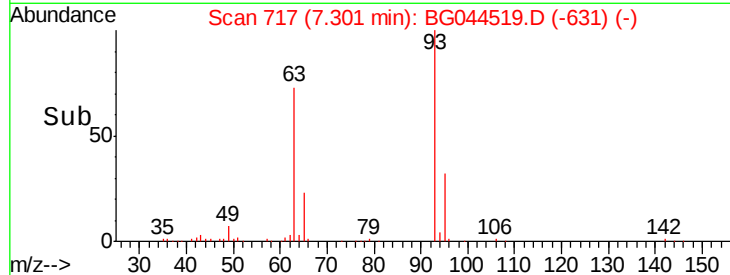
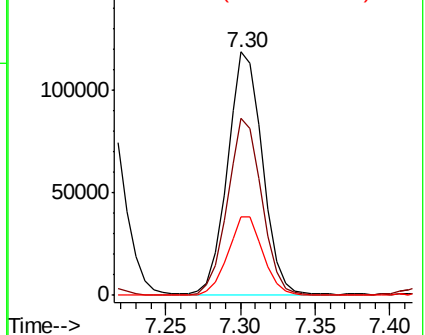
93 100

63 72.6 49.2 89.2

95 32.5 13.6 53.6



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



#12

1,3-Dichlorobenzene

Concen: 44.406 ng

RT: 7.77 min Scan# 797

Delta R.T. -0.02 min

Lab File: BG044519.D

Acq: 20 Feb 2020 14:01

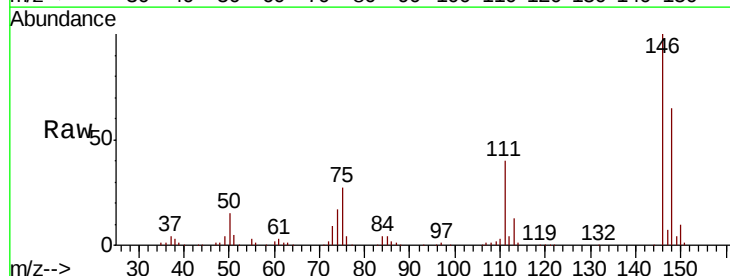
Tgt Ion: 146 Resp: 222235

Ion Ratio Lower Upper

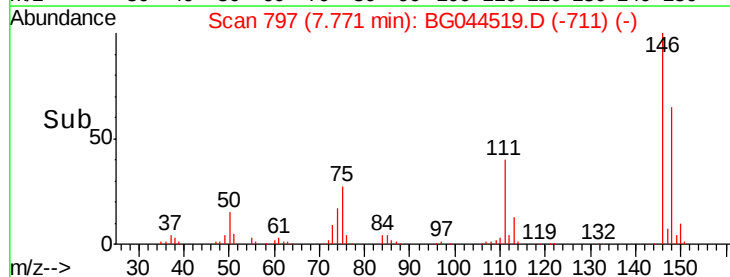
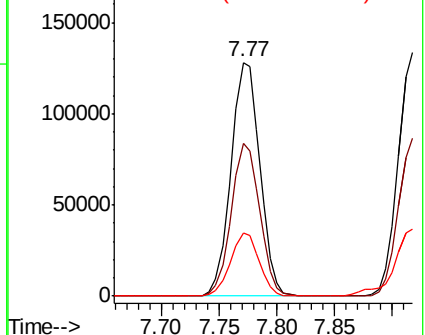
146 100

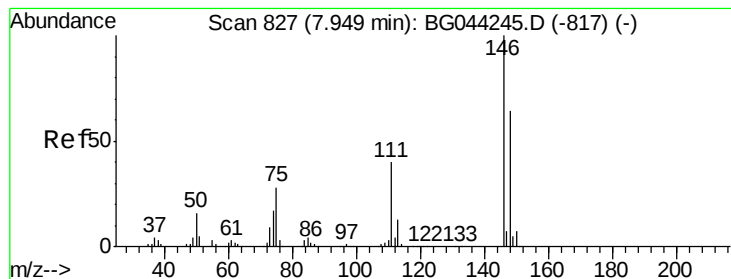
148 65.2 51.8 77.8

75 27.0 23.7 35.5



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





#13

1,4-Dichlorobenzene

Concen: 44.742 ng

RT: 7.92 min Scan# 822

Delta R.T. -0.02 min

Lab File: BG044519.D

Acq: 20 Feb 2020 14:01

Instrument :

BNA\_G

ClientSampleId :

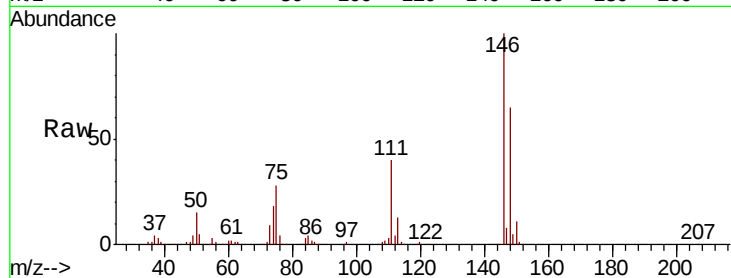
Tot Ion:146 Resp: 221772

Ion Ratio Lower Upper

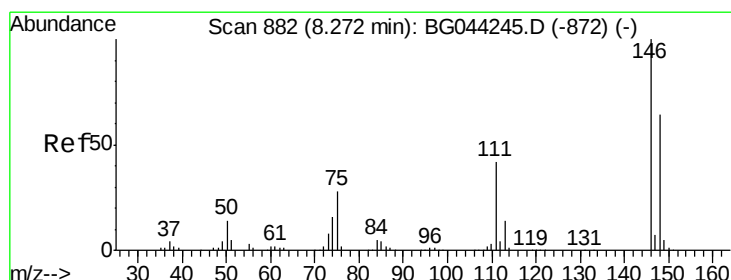
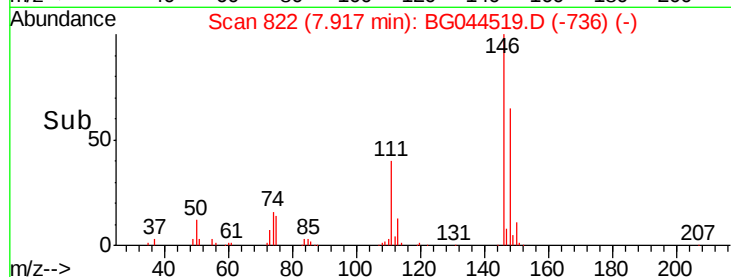
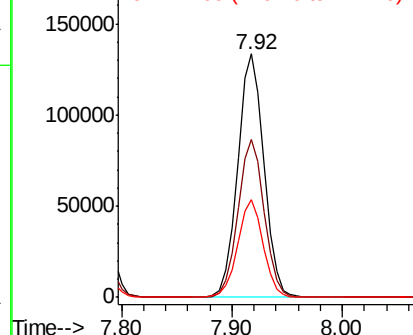
146 100

148 65.0 51.4 77.0

111 40.1 31.8 47.8



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: 44.858 ng

RT: 8.23 min Scan# 876

Delta R.T. -0.02 min

Lab File: BG044519.D

Acq: 20 Feb 2020 14:01

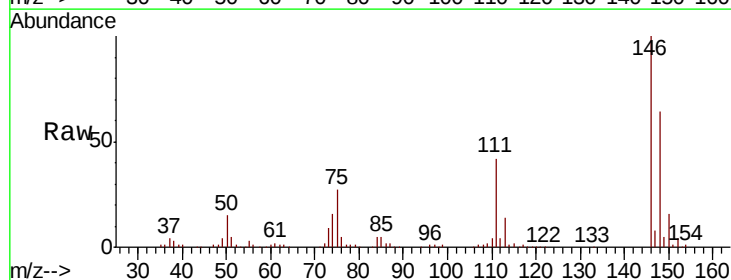
Tgt Ion:146 Resp: 210162

Ion Ratio Lower Upper

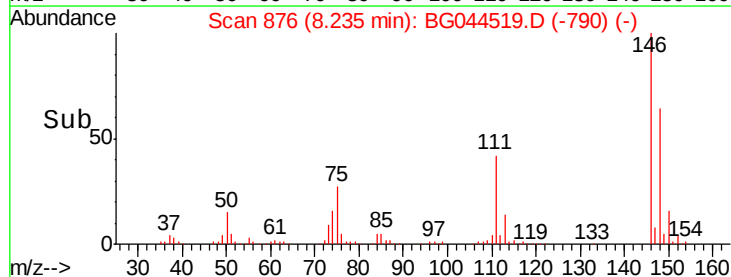
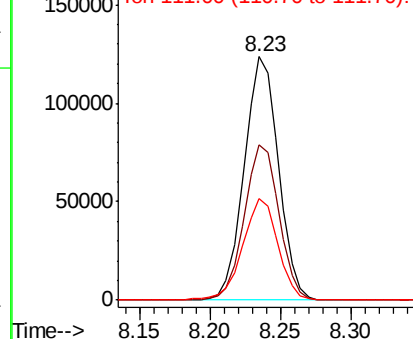
146 100

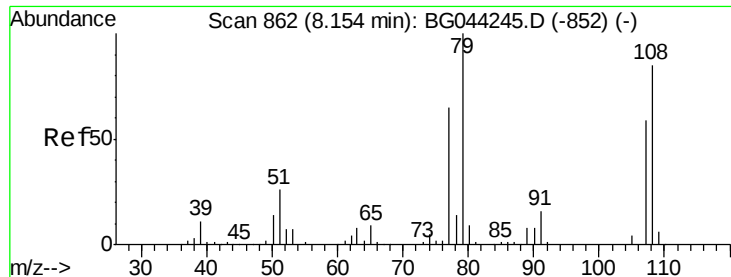
148 64.0 51.2 76.8

111 41.9 34.0 51.0



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





#15

Benzyl Alcohol

Concen: 48.676 ng

RT: 8.12 min Scan# 857

Delta R.T. -0.02 min

Lab File: BG044519.D

Acq: 20 Feb 2020 14:01

Instrument :

BNA\_G

ClientSampled :

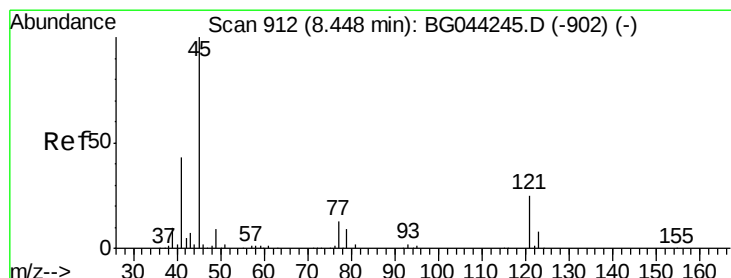
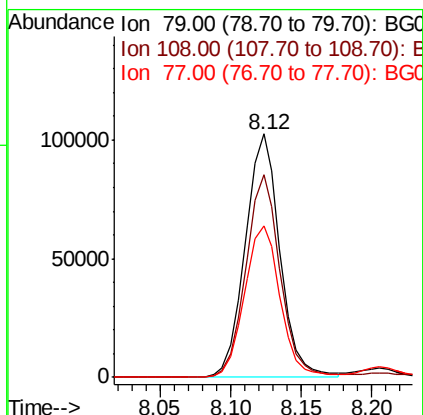
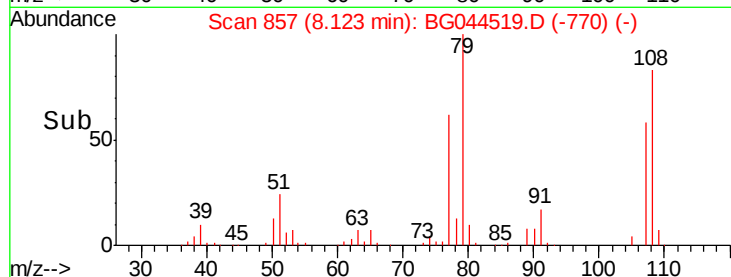
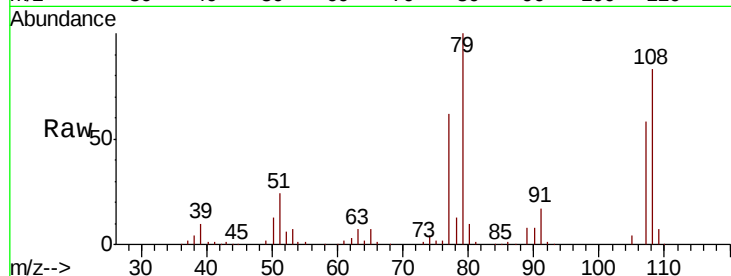
Tot Ion: 79 Resp: 176494

Ion Ratio Lower Upper

79 100

108 83.5 68.3 102.5

77 62.4 51.8 77.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.378 ng

RT: 8.42 min Scan# 907

Delta R.T. -0.02 min

Lab File: BG044519.D

Acq: 20 Feb 2020 14:01

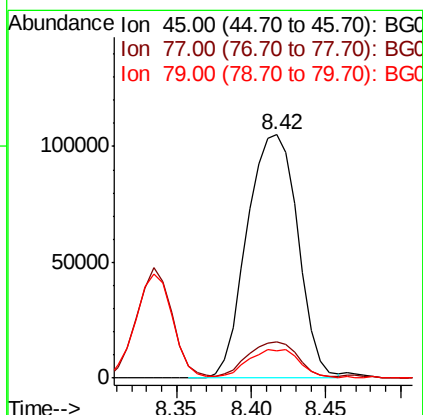
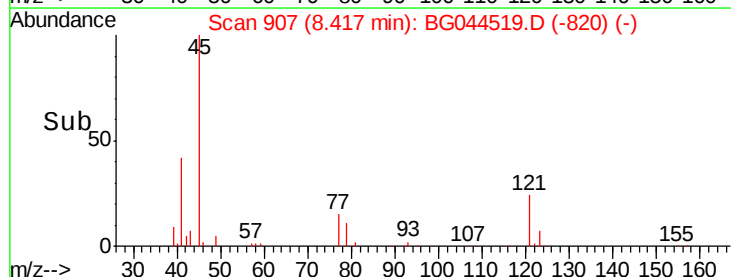
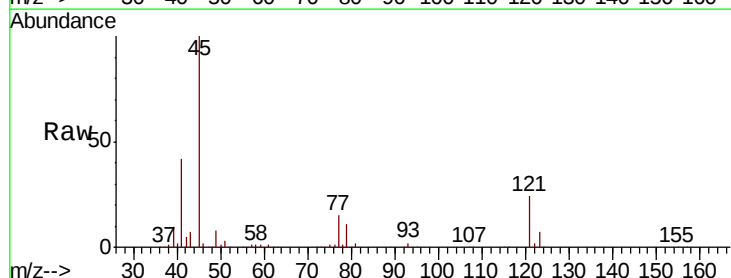
Tgt Ion: 45 Resp: 248545

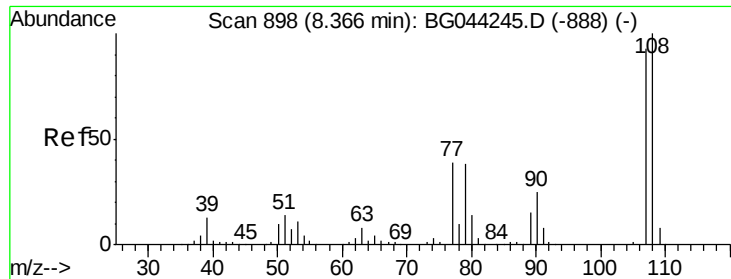
Ion Ratio Lower Upper

45 100

77 15.0 0.0 35.2

79 11.3 0.0 31.1

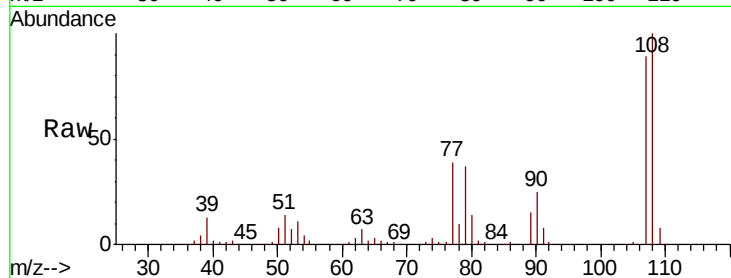




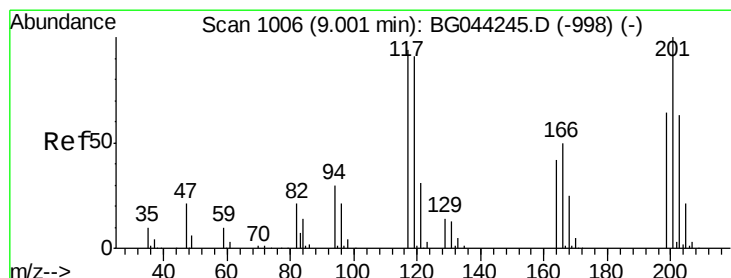
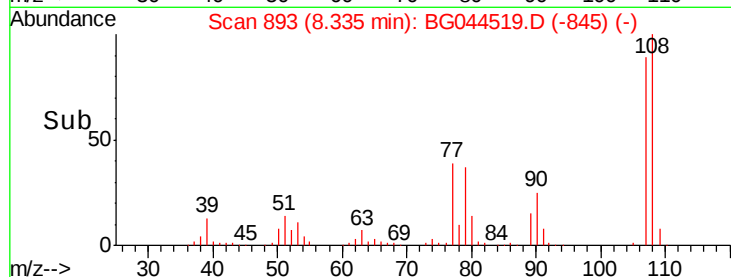
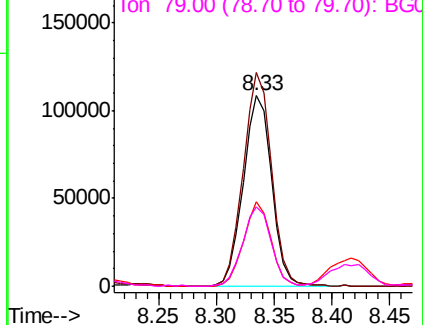
#17  
2-Methylphenol  
Concen: 51.579 ng  
RT: 8.33 min Scan# 893  
Delta R.T. -0.02 min  
Lab File: BG044519.D  
Acq: 20 Feb 2020 14:01

Instrument :  
BNA\_G  
ClientSampleId :

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 107   | Resp: | 186527 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 112.2 | 86.4  | 129.6  |
| 77       | 44.1  | 34.0  | 51.0   |
| 79       | 41.6  | 32.9  | 49.3   |

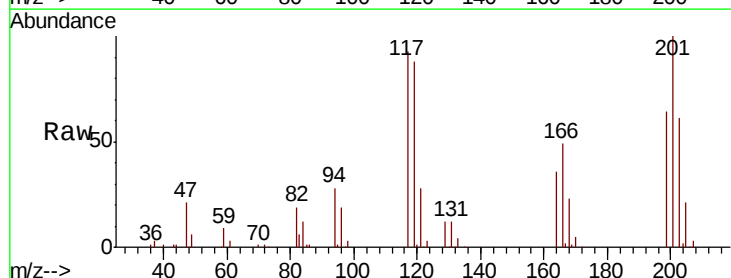


Abundance Ion 107.00 (106.70 to 107.70): E  
Ion 108.00 (107.70 to 108.70): E  
Ion 77.00 (76.70 to 77.70): BG  
Ion 79.00 (78.70 to 79.70): BG

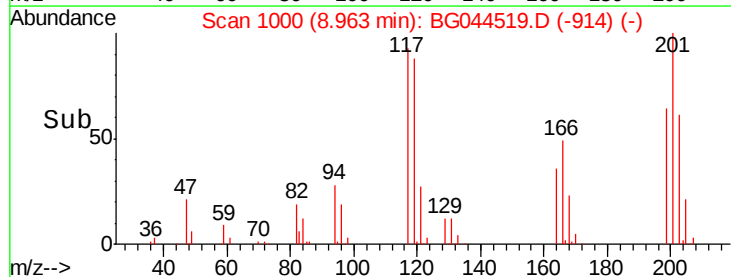
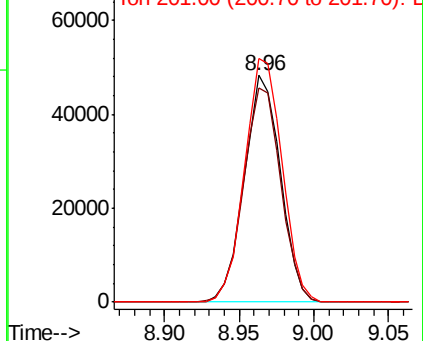


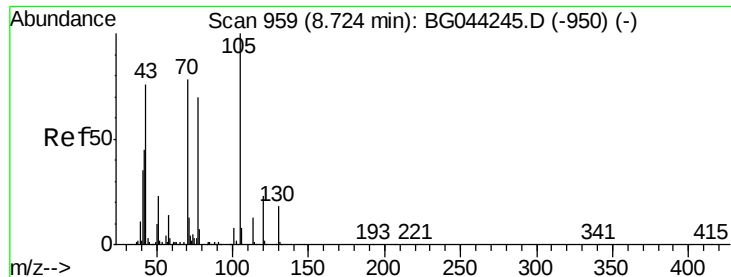
#18  
Hexachloroethane  
Concen: 43.561 ng  
RT: 8.96 min Scan# 1000  
Delta R.T. -0.02 min  
Lab File: BG044519.D  
Acq: 20 Feb 2020 14:01

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 81025 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 119      | 94.6  | 77.5  | 116.3 |
| 201      | 107.5 | 84.9  | 127.3 |



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

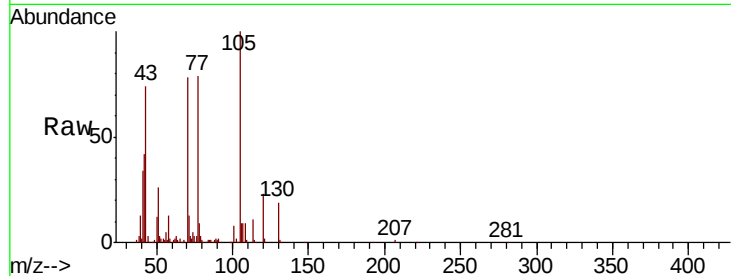




#19  
n-Nitroso-di-n-propylamine  
Concen: 44.486 ng  
RT: 8.69 min Scan# 954  
Delta R.T. -0.02 min  
Lab File: BG044519.D  
Acq: 20 Feb 2020 14:01

Instrument :  
BNA\_G  
ClientSampleId :

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 70    | Resp: | 151840 |
| Ion      | Ratio | Lower | Upper  |
| 70       | 100   |       |        |
| 42       | 53.9  | 46.2  | 69.2   |
| 101      | 10.5  | 8.4   | 12.6   |
| 130      | 23.8  | 17.8  | 26.8   |



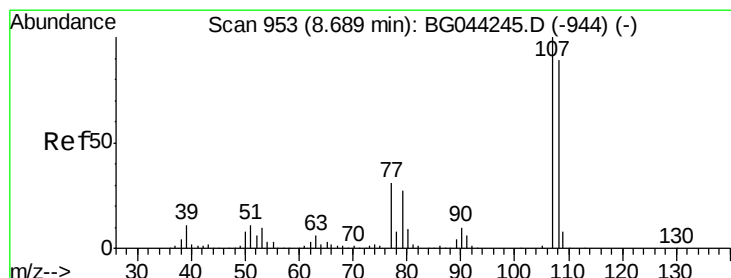
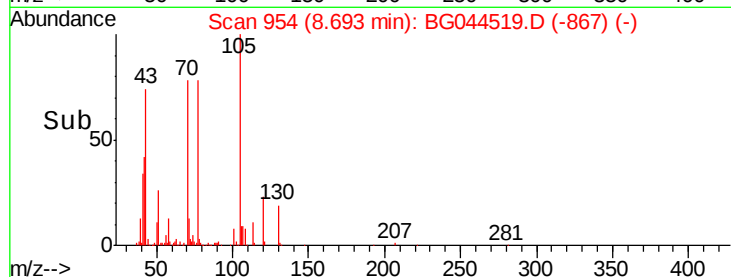
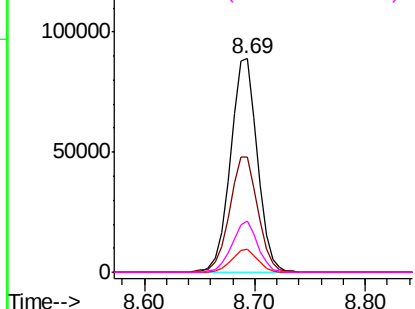
Abundance

Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

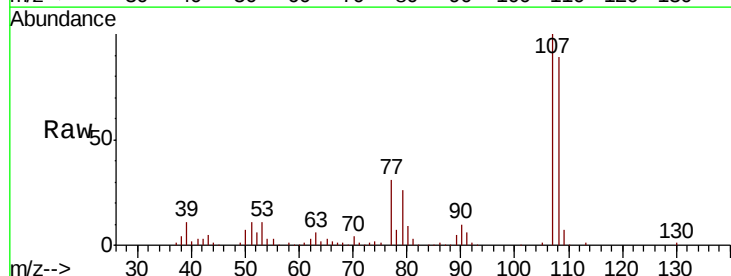
Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20  
3+4-Methylphenols  
Concen: 51.126 ng  
RT: 8.66 min Scan# 949  
Delta R.T. -0.02 min  
Lab File: BG044519.D  
Acq: 20 Feb 2020 14:01

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 254802 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 89.2  | 68.5  | 108.5  |
| 77       | 31.2  | 10.9  | 50.9   |
| 79       | 26.4  | 7.1   | 47.1   |



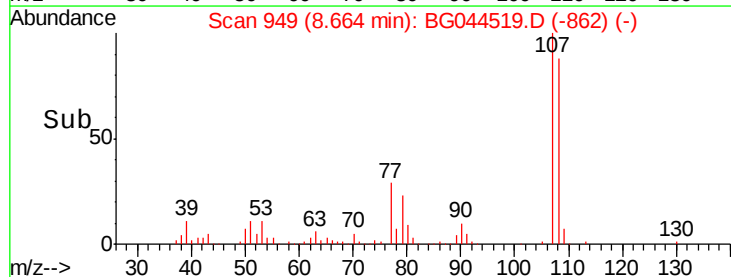
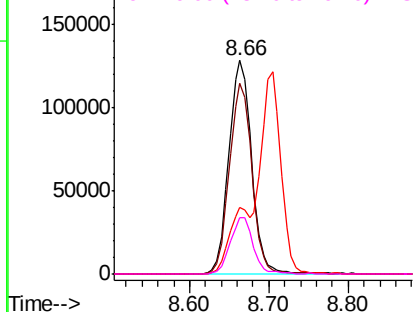
Abundance

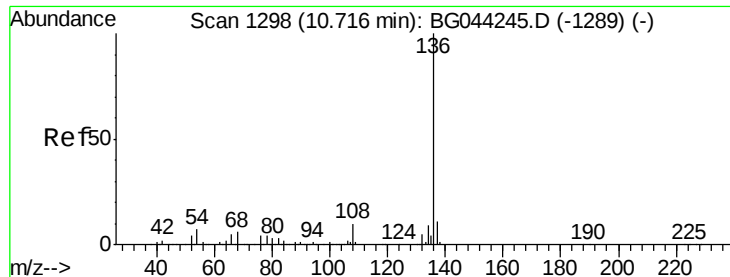
Ion 107.00 (106.70 to 107.70): BGC

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: 10.68 min Scan# 1293

Delta R.T. -0.02 min

Lab File: BG044519.D

Acq: 20 Feb 2020 14:01

Instrument :

BNA\_G

ClientSampleId :

Tot Ion:136 Resp: 275469

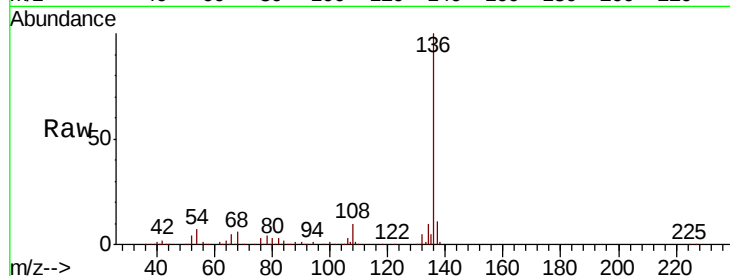
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 7.3 5.8 8.8

68 5.7 4.6 6.8

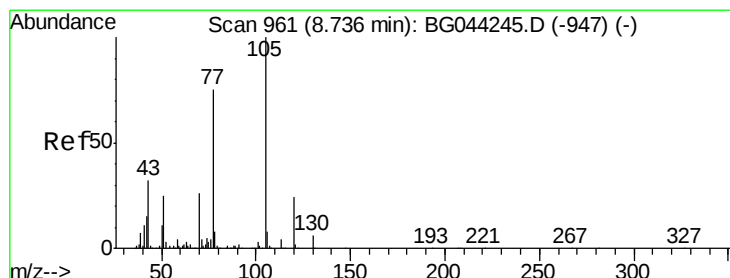
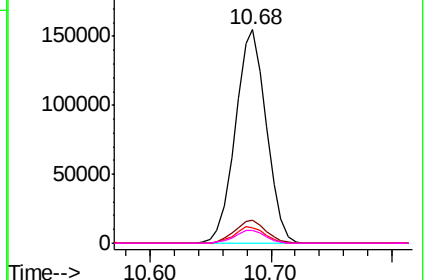
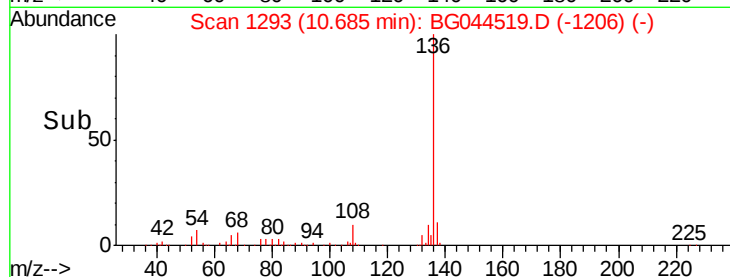


Abundance Ion 136.00 (135.70 to 136.70): E

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: 43.254 ng

RT: 8.70 min Scan# 956

Delta R.T. -0.02 min

Lab File: BG044519.D

Acq: 20 Feb 2020 14:01

Tgt Ion:105 Resp: 289858

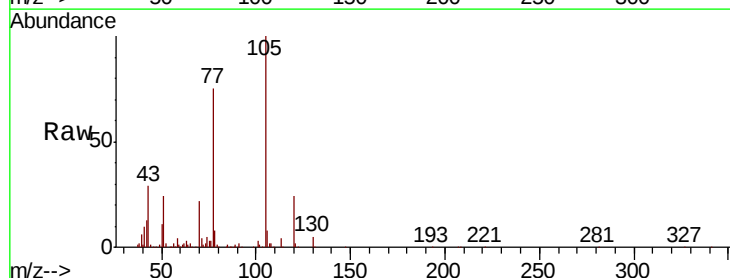
Ion Ratio Lower Upper

105 100

71 3.6 3.4 5.0

51 24.3 20.2 30.4

120 23.7 19.1 28.7

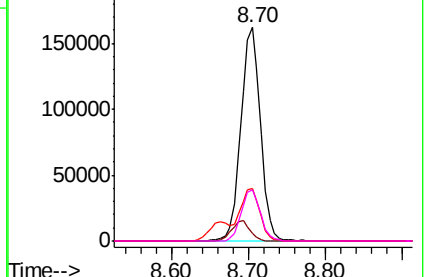
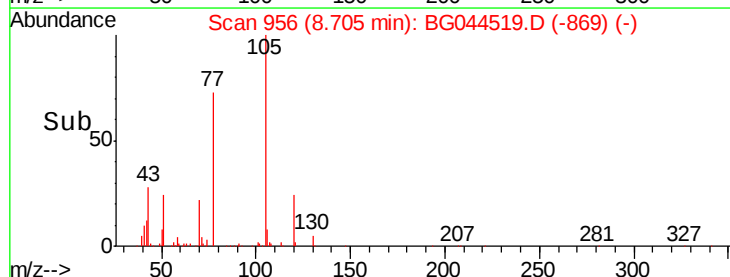


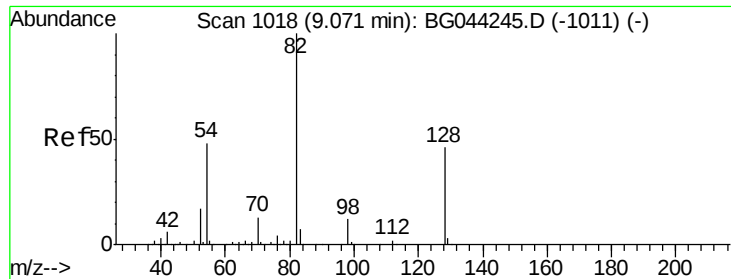
Abundance Ion 105.00 (104.70 to 105.70): E

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

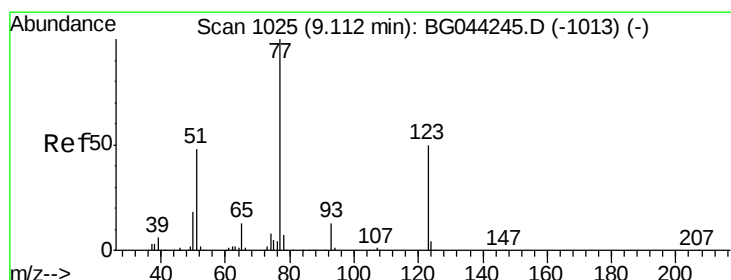
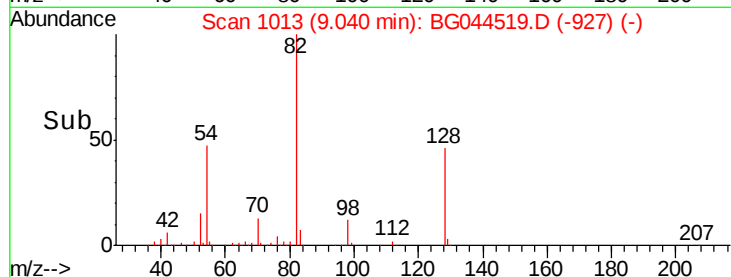
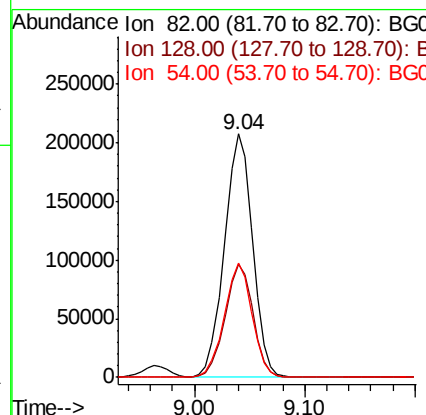
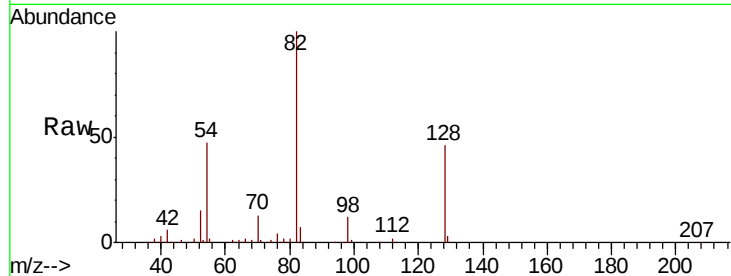




#23  
 Nitrobenzene-d5  
 Concen: 75.731 ng  
 RT: 9.04 min Scan# 1013  
 Delta R.T. -0.02 min  
 Lab File: BG044519.D  
 Acq: 20 Feb 2020 14:01

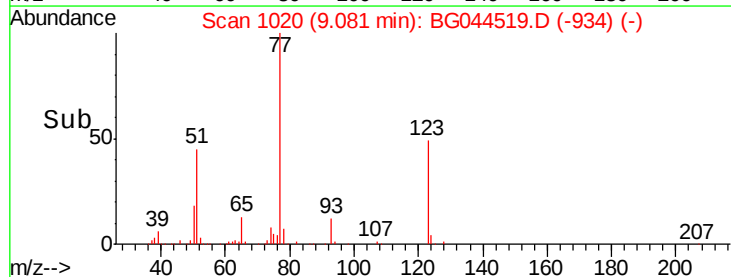
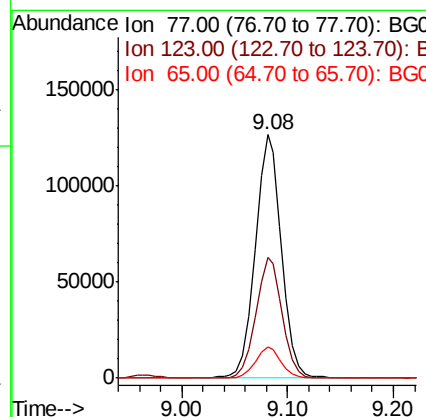
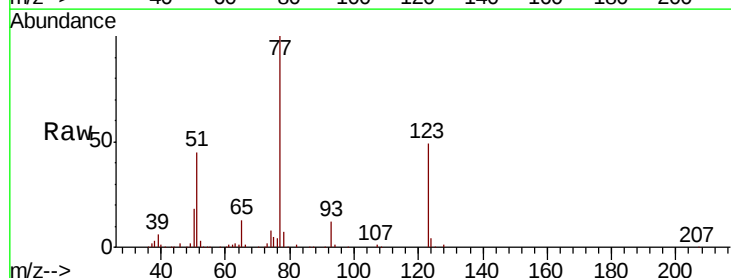
Instrument :  
 BNA\_G  
 ClientSampleId :

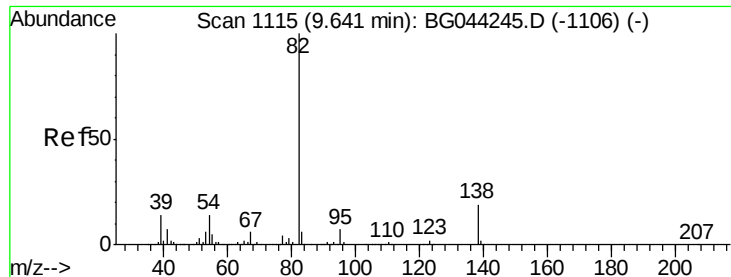
| Tot Ion   | 82    | Resp  | 369517 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 128       | 46.3  | 36.5  | 54.7   |
| 54        | 47.2  | 38.6  | 58.0   |



#24  
 Nitrobenzene  
 Concen: 45.775 ng  
 RT: 9.08 min Scan# 1020  
 Delta R.T. -0.02 min  
 Lab File: BG044519.D  
 Acq: 20 Feb 2020 14:01

| Tgt Ion   | 77    | Resp  | 218045 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 77        | 100   |       |        |
| 123       | 49.4  | 39.9  | 59.9   |
| 65        | 13.0  | 10.4  | 15.6   |

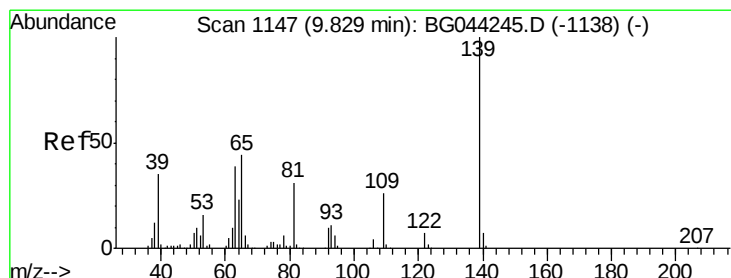
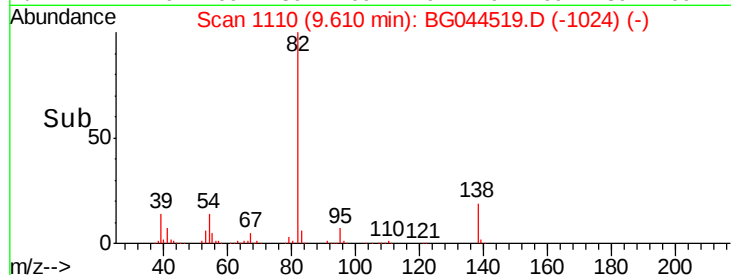
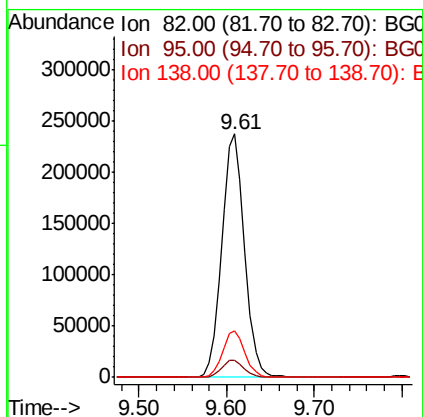
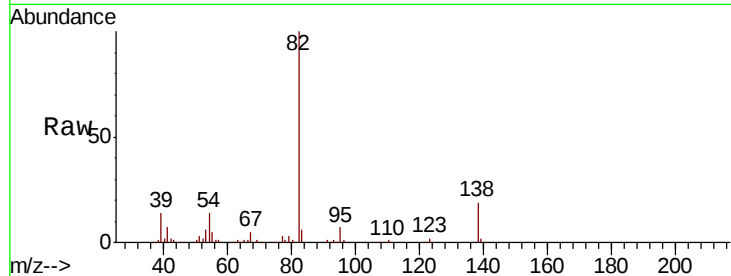




#25  
Isophorone  
Concen: 46.598 ng  
RT: 9.61 min Scan# 1110  
Delta R.T. -0.02 min  
Lab File: BG044519.D  
Acq: 20 Feb 2020 14:01

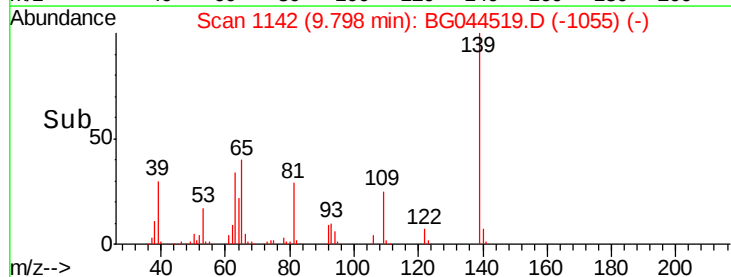
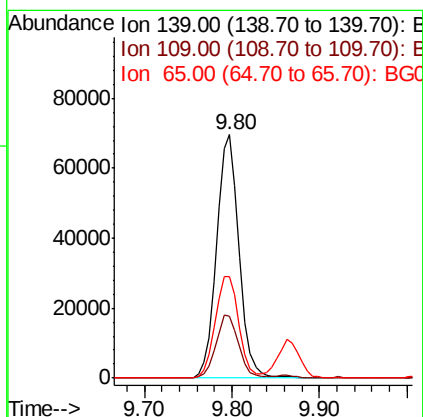
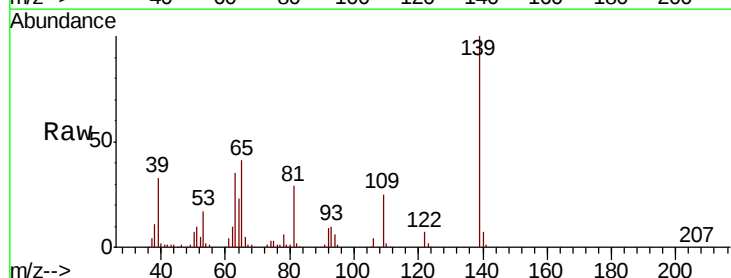
Instrument :  
BNA\_G  
ClientSampleId :

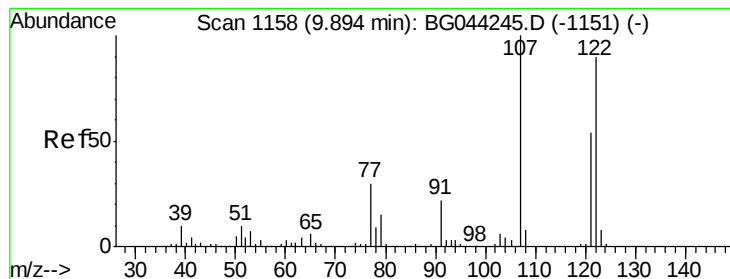
Tot Ion: 82 Resp: 423782  
Ion Ratio Lower Upper  
82 100  
95 7.0 5.7 8.5  
138 19.2 15.0 22.4



#26  
2-Nitrophenol  
Concen: 49.990 ng  
RT: 9.80 min Scan# 1142  
Delta R.T. -0.02 min  
Lab File: BG044519.D  
Acq: 20 Feb 2020 14:01

Tgt Ion: 139 Resp: 123560  
Ion Ratio Lower Upper  
139 100  
109 25.5 21.0 31.4  
65 41.5 35.0 52.4





#27

2,4-Dimethylphenol

Concen: 59.043 ng

RT: 9.87 min Scan# 1154

Delta R.T. -0.01 min

Lab File: BG044519.D

Acq: 20 Feb 2020 14:01

Instrument :

BNA\_G

ClientSampleId :

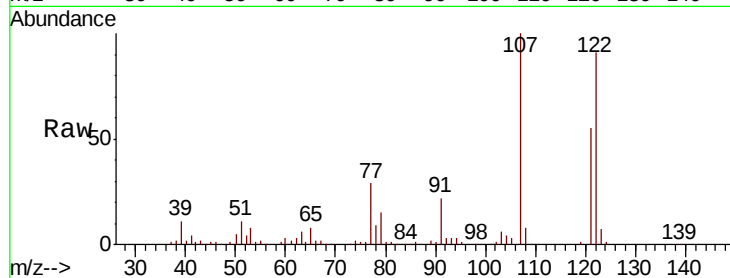
Tot Ion:122 Resp: 206004

Ion Ratio Lower Upper

122 100

107 109.5 88.8 133.2

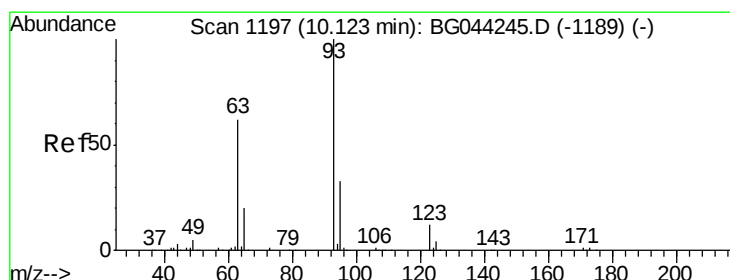
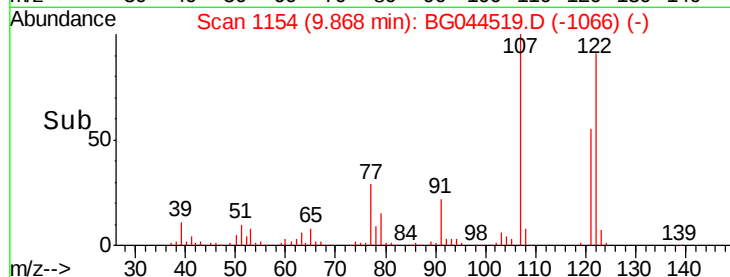
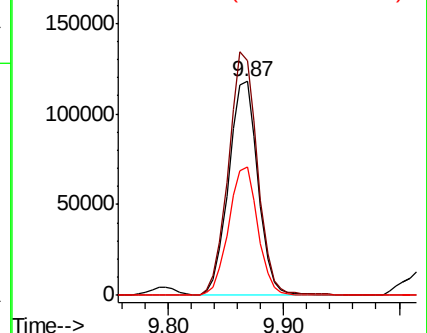
121 60.2 48.3 72.5



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 44.072 ng

RT: 10.09 min Scan# 1192

Delta R.T. -0.02 min

Lab File: BG044519.D

Acq: 20 Feb 2020 14:01

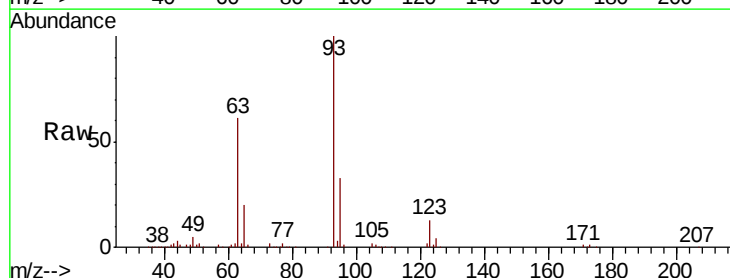
Tgt Ion: 93 Resp: 267381

Ion Ratio Lower Upper

93 100

95 33.0 26.6 40.0

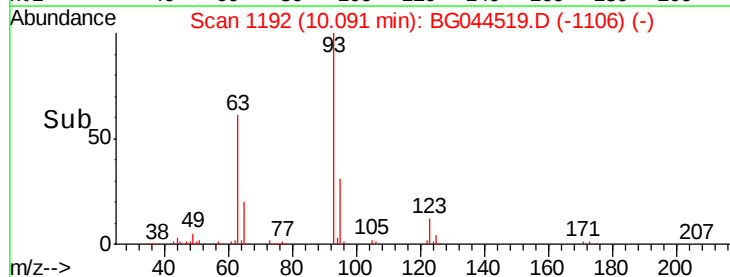
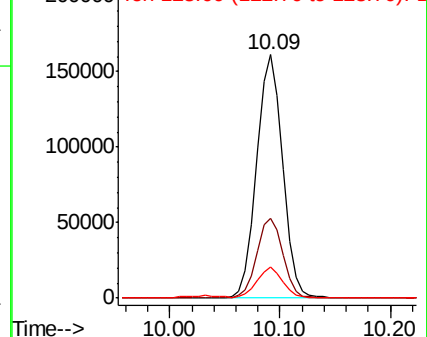
123 12.6 10.0 15.0

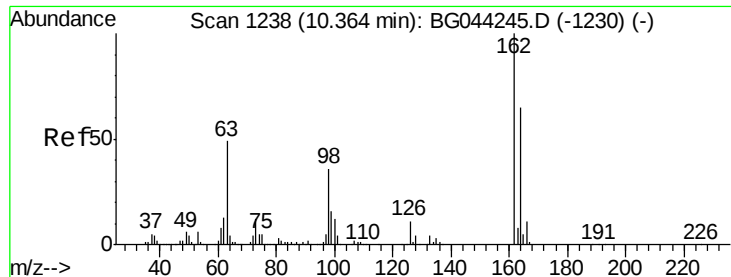


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

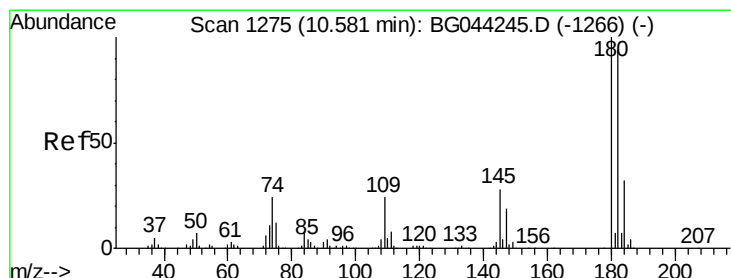
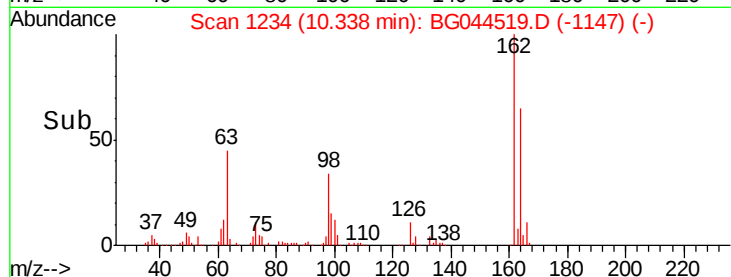
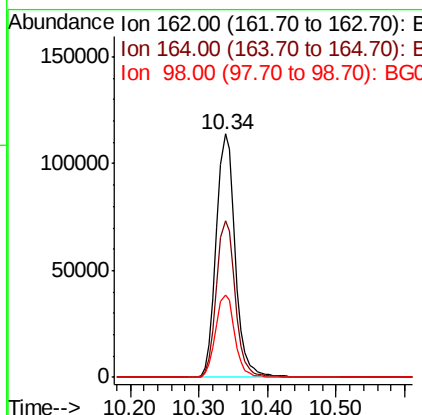
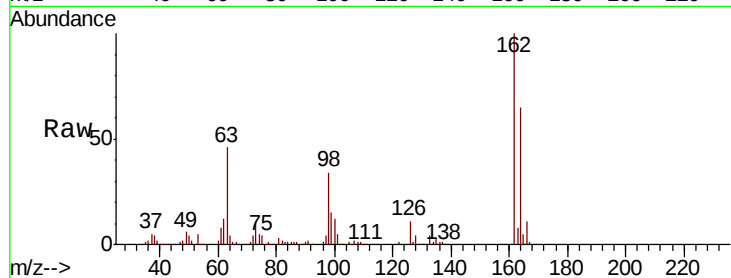




#29  
 2,4-Dichlorophenol  
 Concen: 51.892 ng  
 RT: 10.34 min Scan# 1234  
 Delta R.T. -0.02 min  
 Lab File: BG044519.D  
 Acq: 20 Feb 2020 14:01

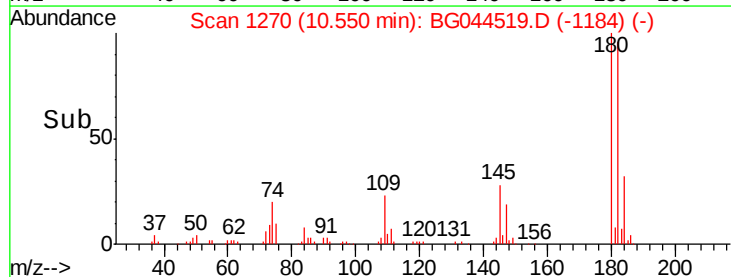
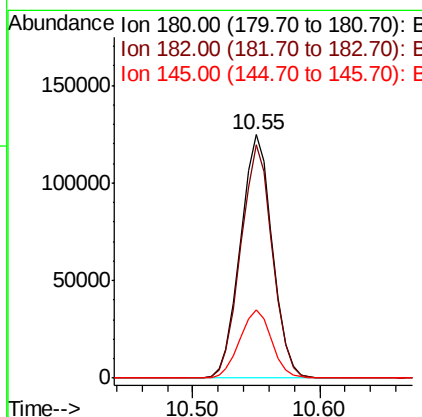
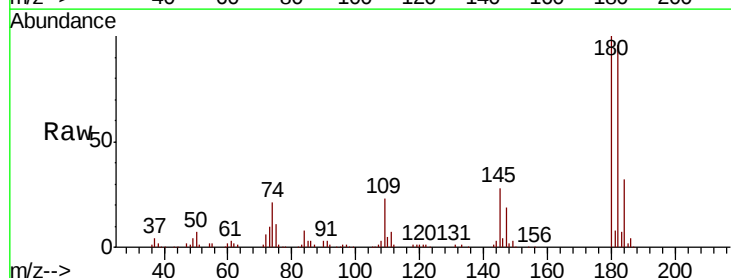
Instrument :  
 BNA\_G  
 ClientSampleId :

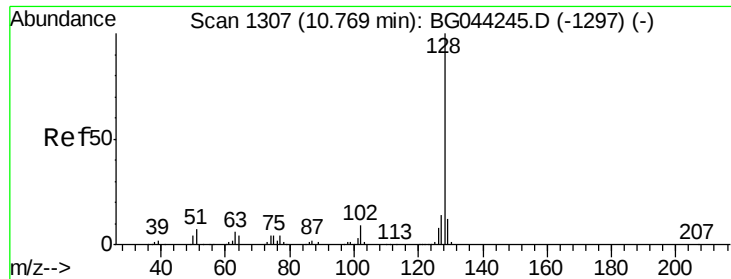
| Tot Ion   | 162   | Resp  | 218923 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 162       | 100   |       |        |
| 164       | 64.5  | 44.7  | 84.7   |
| 98        | 33.9  | 15.8  | 55.8   |



#30  
 1,2,4-Trichlorobenzene  
 Concen: 44.896 ng  
 RT: 10.55 min Scan# 1270  
 Delta R.T. -0.02 min  
 Lab File: BG044519.D  
 Acq: 20 Feb 2020 14:01

| Tgt Ion   | 180   | Resp  | 217187 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 180       | 100   |       |        |
| 182       | 95.7  | 75.5  | 113.3  |
| 145       | 27.9  | 22.6  | 34.0   |

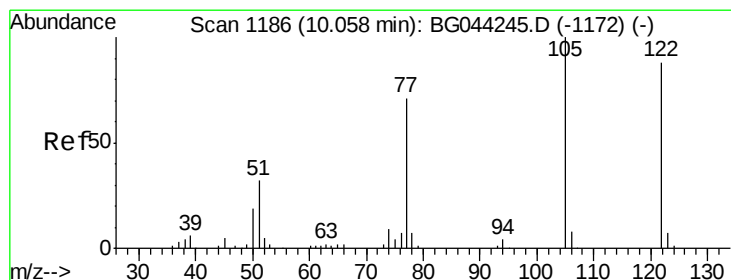
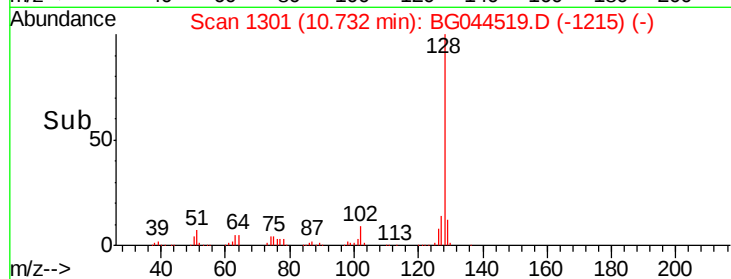
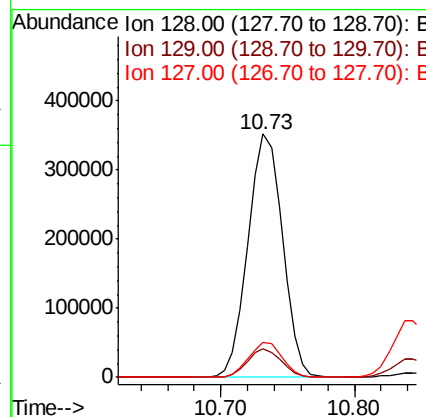
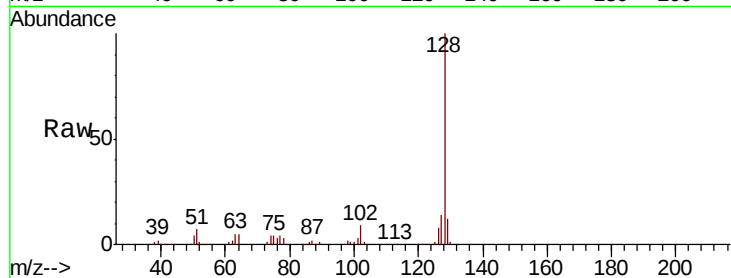




#31  
Naphthalene  
Concen: 47.162 ng  
RT: 10.73 min Scan# 1301  
Delta R.T. -0.02 min  
Lab File: BG044519.D  
Acq: 20 Feb 2020 14:01

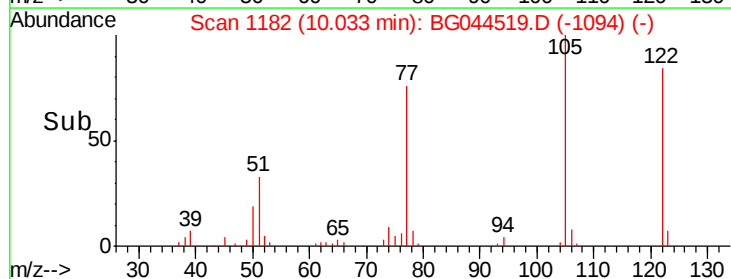
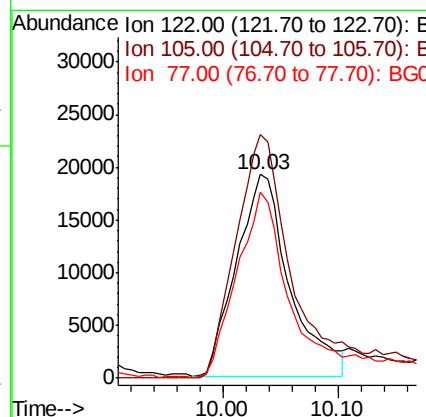
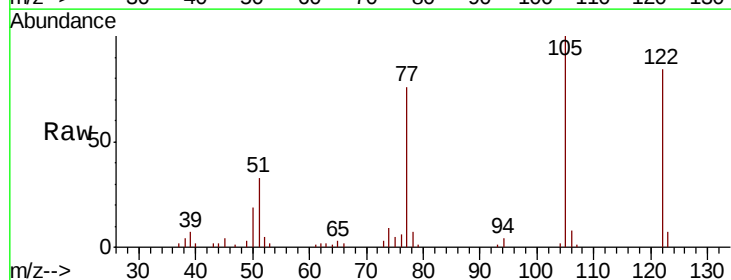
Instrument :  
BNA\_G  
ClientSampleId :

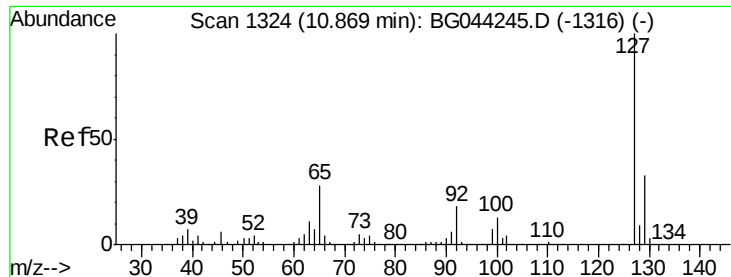
Tot Ion:128 Resp: 630321  
Ion Ratio Lower Upper  
128 100  
129 11.8 9.3 13.9  
127 14.3 11.6 17.4



#32  
Benzoic acid  
Concen: 32.951 ng  
RT: 10.03 min Scan# 1182  
Delta R.T. -0.01 min  
Lab File: BG044519.D  
Acq: 20 Feb 2020 14:01

Tgt Ion:122 Resp: 61241  
Ion Ratio Lower Upper  
122 100  
105 119.4 93.5 133.5  
77 91.1 61.0 101.0

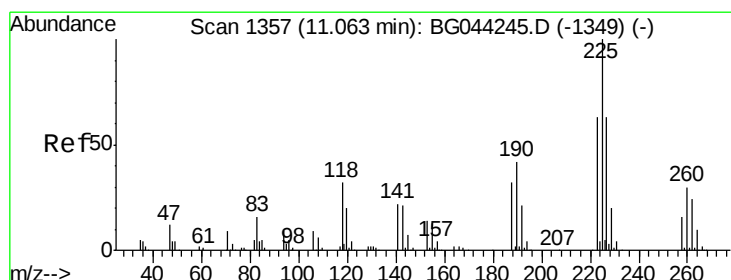
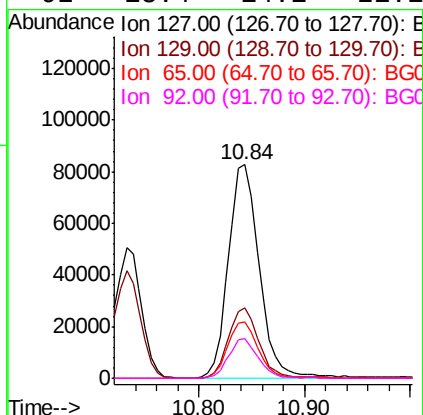
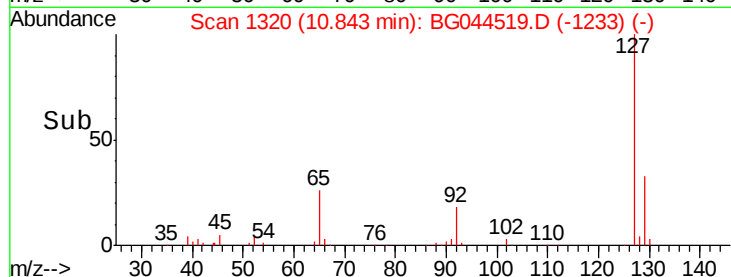
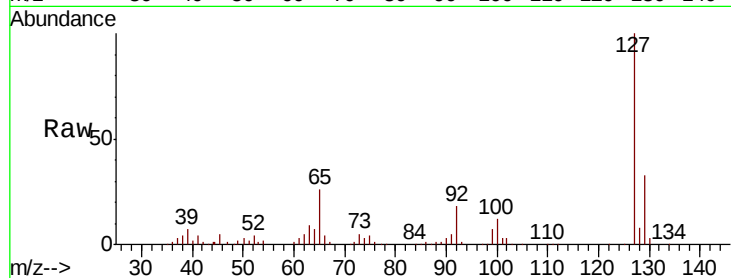




#33  
4-Chloroaniline  
Concen: 27.492 ng  
RT: 10.84 min Scan# 1320  
Delta R.T. -0.02 min  
Lab File: BG044519.D  
Acq: 20 Feb 2020 14:01

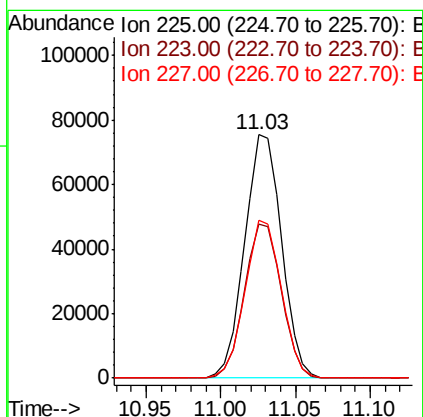
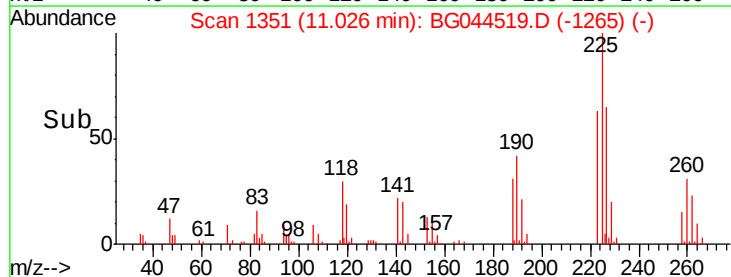
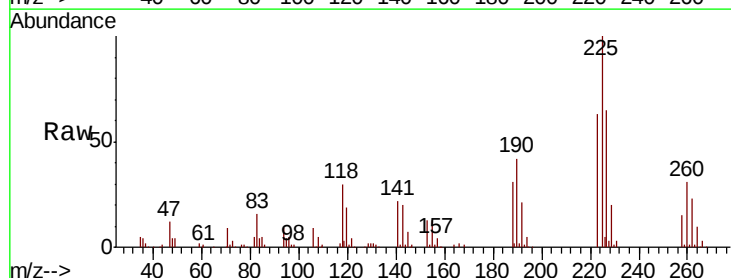
Instrument :  
BNA\_G  
ClientSampleId :

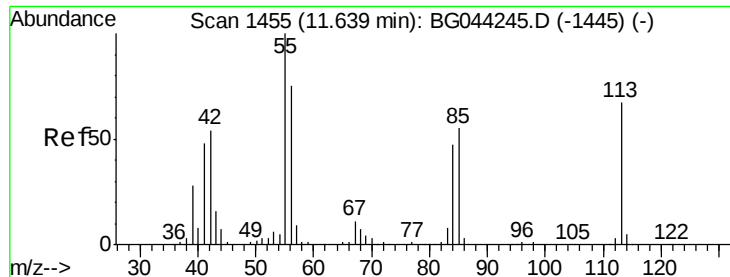
|             |       |           |
|-------------|-------|-----------|
| Tot Ion:127 | Resp: | 167107    |
| Ion Ratio   | Lower | Upper     |
| 127         | 100   |           |
| 129         | 33.1  | 26.6 40.0 |
| 65          | 26.5  | 22.5 33.7 |
| 92          | 18.4  | 14.1 21.1 |



#34  
Hexachlorobutadiene  
Concen: 43.322 ng  
RT: 11.03 min Scan# 1351  
Delta R.T. -0.02 min  
Lab File: BG044519.D  
Acq: 20 Feb 2020 14:01

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:225 | Resp: | 128954    |
| Ion Ratio   | Lower | Upper     |
| 225         | 100   |           |
| 223         | 63.4  | 50.2 75.4 |
| 227         | 64.6  | 50.8 76.2 |

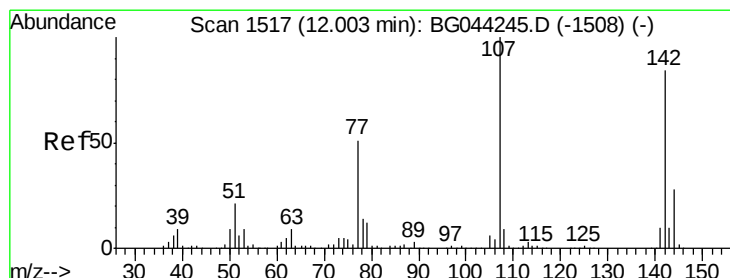
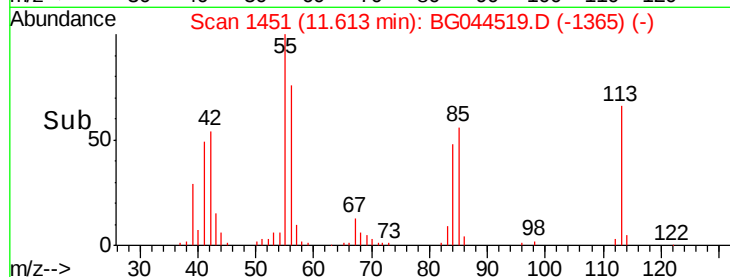
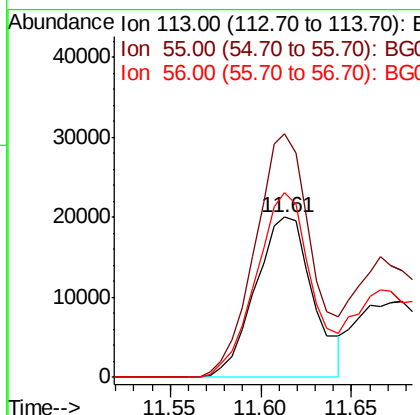
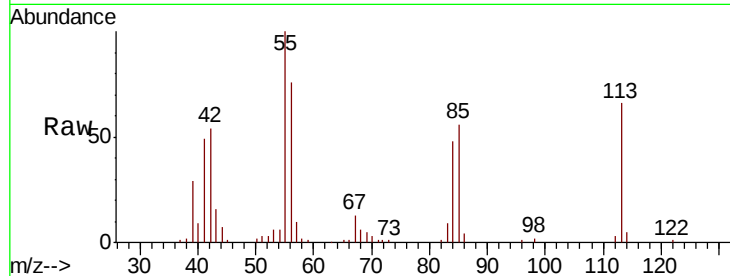




#35  
Caprolactam  
Concen: 28.548 ng  
RT: 11.61 min Scan# 1451  
Delta R.T. -0.02 min  
Lab File: BG044519.D  
Acq: 20 Feb 2020 14:01

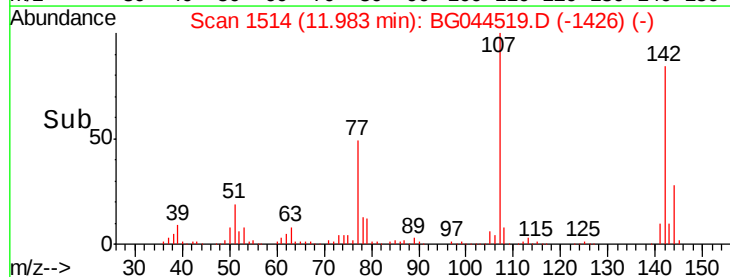
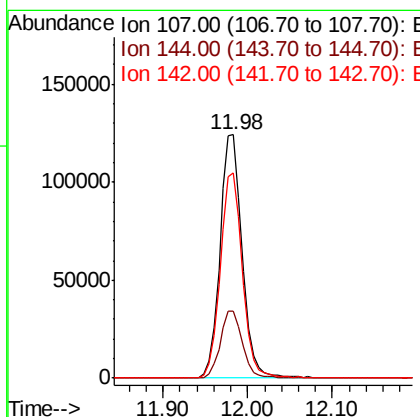
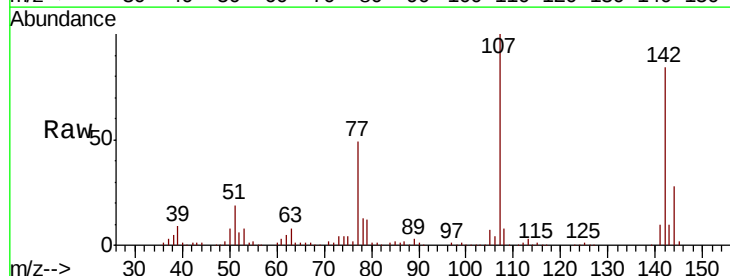
Instrument :  
BNA\_G  
ClientSampleId :

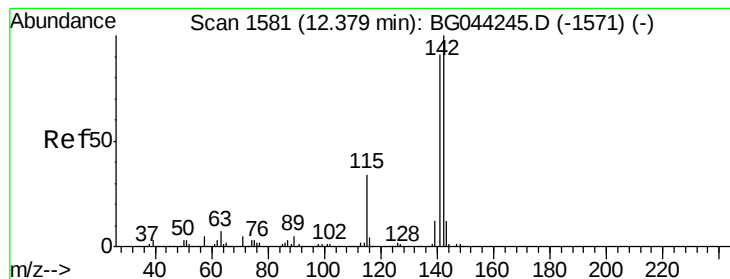
Tot Ion:113 Resp: 44119  
Ion Ratio Lower Upper  
113 100  
55 152.1 129.9 169.9  
56 115.2 92.5 132.5



#36  
4-Chloro-3-methylphenol  
Concen: 51.005 ng  
RT: 11.98 min Scan# 1514  
Delta R.T. -0.01 min  
Lab File: BG044519.D  
Acq: 20 Feb 2020 14:01

Tgt Ion:107 Resp: 225610  
Ion Ratio Lower Upper  
107 100  
144 27.5 22.2 33.4  
142 84.2 67.4 101.0





#37

2-Methylnaphthalene

Concen: 47.752 ng

RT: 12.35 min Scan# 1576

Delta R.T. -0.02 min

Lab File: BG044519.D

Acq: 20 Feb 2020 14:01

Instrument :

BNA\_G

ClientSampleId :

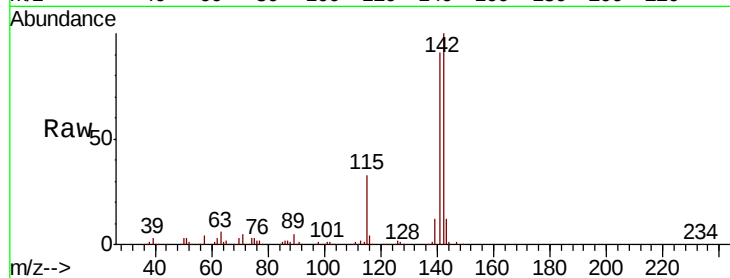
Tot Ion:142 Resp: 473851

Ion Ratio Lower Upper

142 100

141 91.2 73.2 109.8

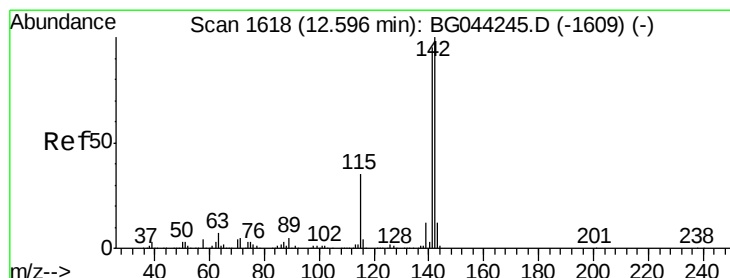
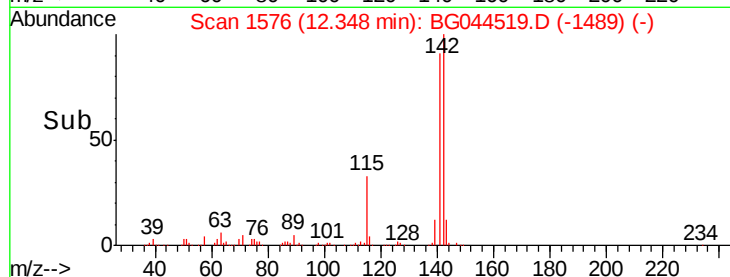
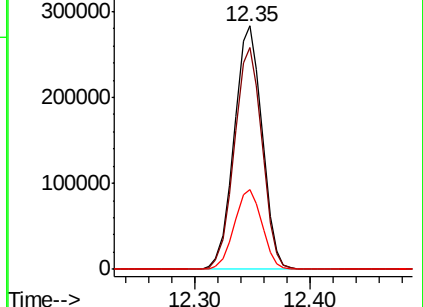
115 32.9 27.1 40.7



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: 48.203 ng

RT: 12.56 min Scan# 1613

Delta R.T. -0.02 min

Lab File: BG044519.D

Acq: 20 Feb 2020 14:01

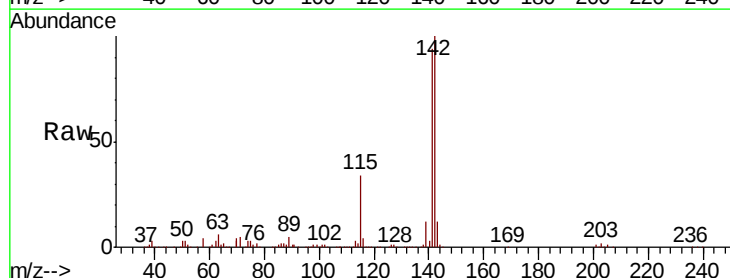
Tgt Ion:142 Resp: 450958

Ion Ratio Lower Upper

142 100

141 93.8 75.8 113.6

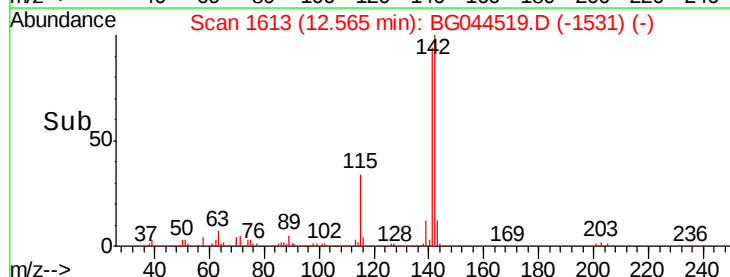
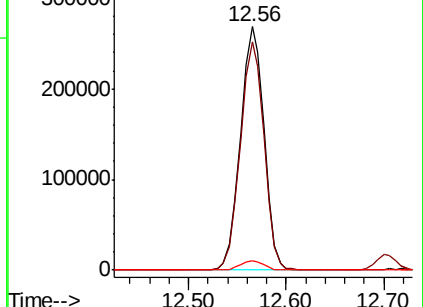
116 3.7 3.1 4.7

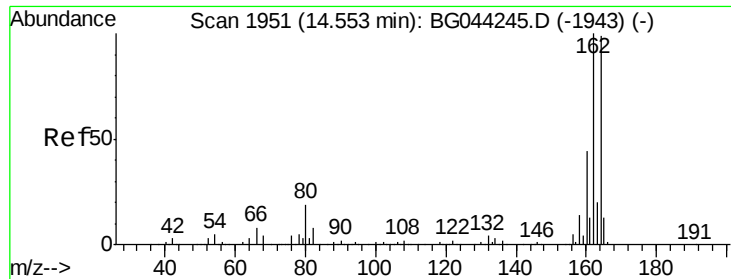


Abundance Ion 142.00 (141.70 to 142.70): E

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: 14.53 min Scan# 1947

Delta R.T. -0.02 min

Lab File: BG044519.D

Acq: 20 Feb 2020 14:01

Instrument :

BNA\_G

ClientSampleId :

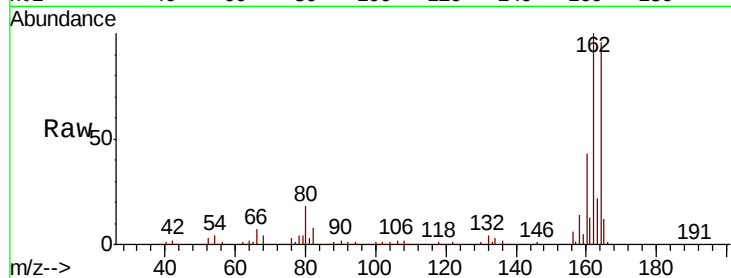
Tot Ion:164 Resp: 185817

Ion Ratio Lower Upper

164 100

162 104.3 80.7 121.1

160 45.2 35.3 52.9

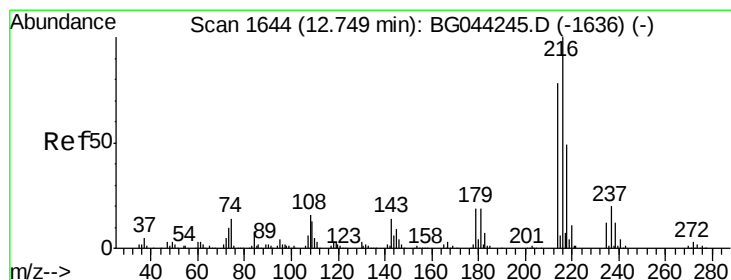
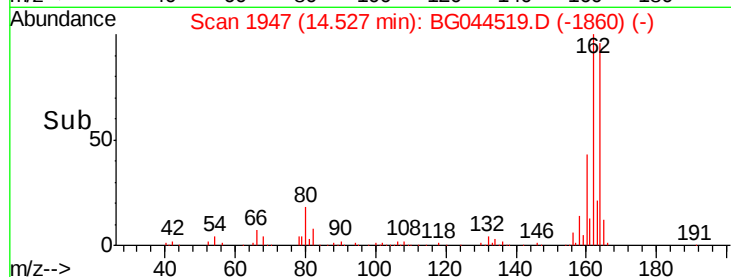
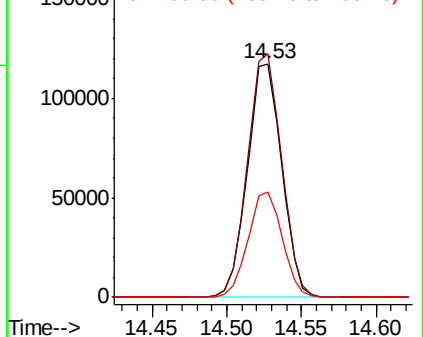


Abundance

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: 43.115 ng

RT: 12.72 min Scan# 1639

Delta R.T. -0.02 min

Lab File: BG044519.D

Acq: 20 Feb 2020 14:01

Tgt Ion:216 Resp: 239653

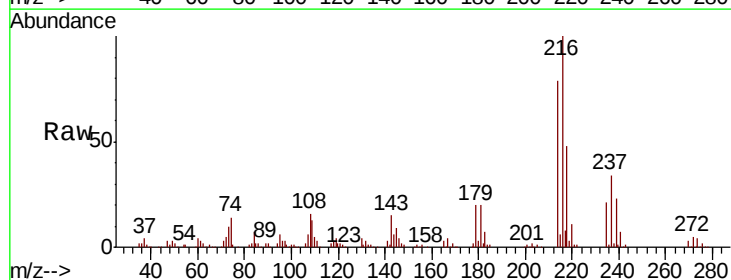
Ion Ratio Lower Upper

216 100

214 79.9 63.0 94.6

179 20.0 16.2 24.4

108 17.6 13.5 20.3



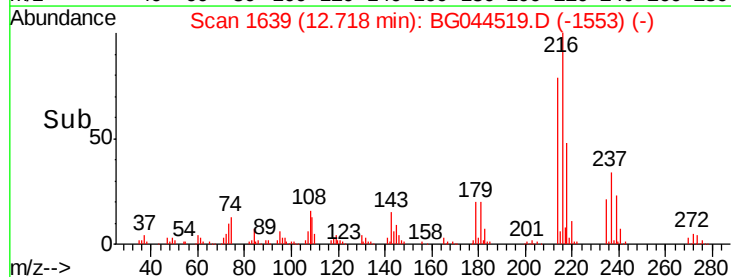
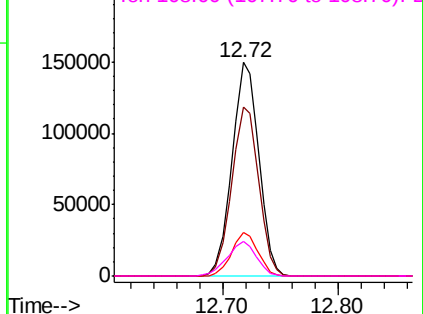
Abundance

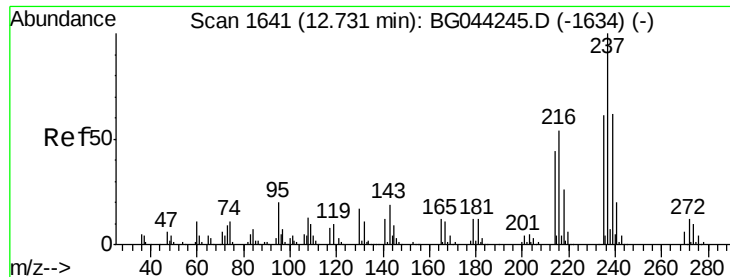
Ion 216.00 (215.70 to 216.70): E

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: 85.372 ng

RT: 12.71 min Scan# 1637

Delta R.T. -0.02 min

Lab File: BG044519.D

Acq: 20 Feb 2020 14:01

Instrument :

BNA\_G

ClientSampleId :

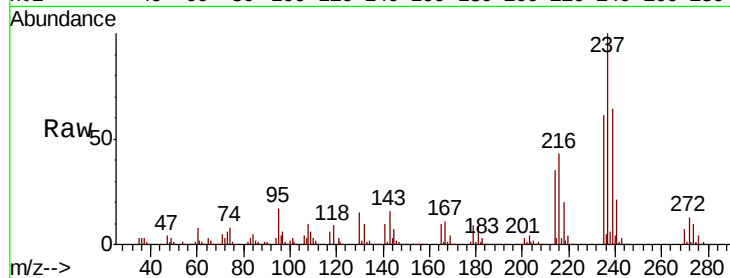
Tot Ion:237 Resp: 227695

Ion Ratio Lower Upper

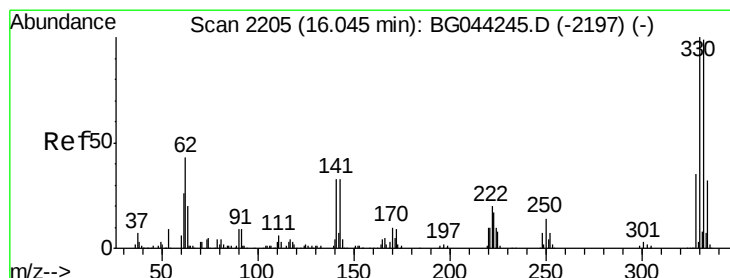
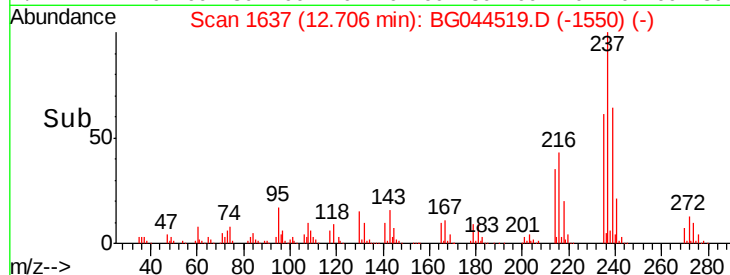
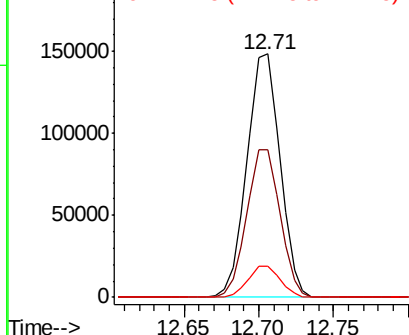
237 100

235 60.7 41.2 81.2

272 13.0 0.0 32.4



Abundance Ion 236.80 (236.50 to 237.50): E  
Ion 234.90 (234.60 to 235.60): E  
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 136.929 ng

RT: 16.02 min Scan# 2201

Delta R.T. -0.01 min

Lab File: BG044519.D

Acq: 20 Feb 2020 14:01

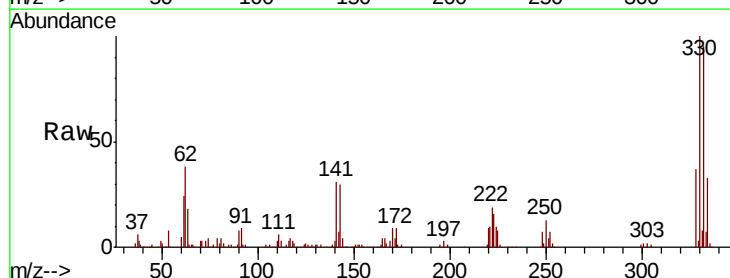
Tgt Ion:330 Resp: 298694

Ion Ratio Lower Upper

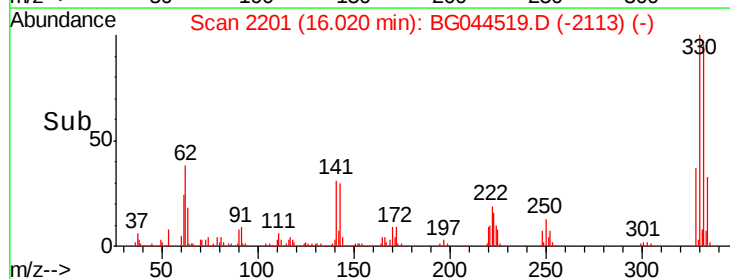
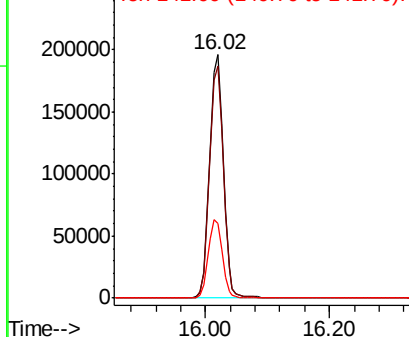
330 100

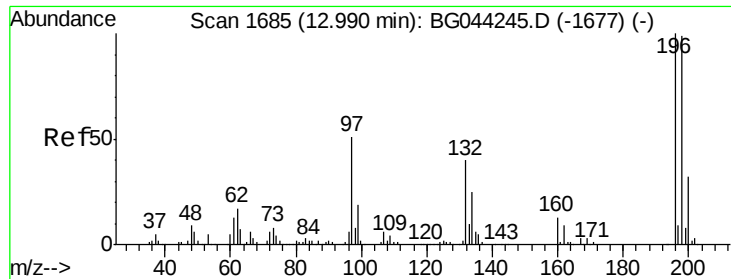
332 96.3 77.2 115.8

141 33.0 28.3 42.5



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

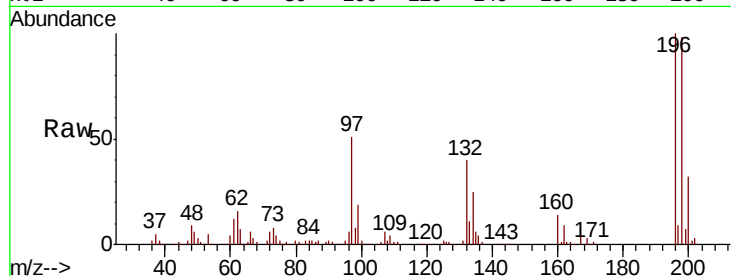




#43  
 2,4,6-Trichlorophenol  
 Concen: 48.116 ng  
 RT: 12.96 min Scan# 1680  
 Delta R.T. -0.02 min  
 Lab File: BG044519.D  
 Acq: 20 Feb 2020 14:01

Instrument :  
 BNA\_G  
 ClientSampled :

| Tot Ion | 196   | Resp  | 172870 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 196     | 100   |       |        |
| 198     | 98.3  | 79.3  | 118.9  |
| 200     | 32.0  | 25.7  | 38.5   |

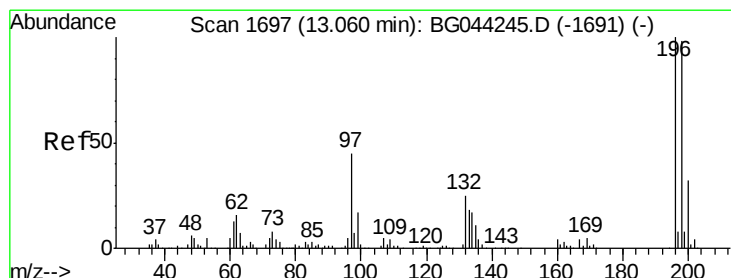
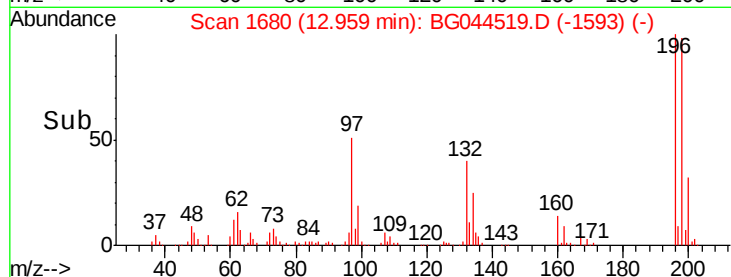
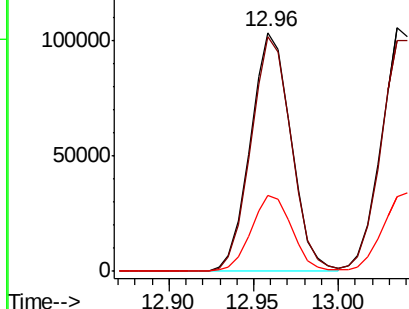


Abundance

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: 50.807 ng  
 RT: 13.04 min Scan# 1693  
 Delta R.T. -0.02 min  
 Lab File: BG044519.D  
 Acq: 20 Feb 2020 14:01

| Tgt Ion | 196   | Resp  | 186446 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 196     | 100   |       |        |
| 198     | 94.8  | 78.2  | 117.2  |
| 97      | 43.3  | 36.2  | 54.4   |
| 132     | 26.5  | 20.2  | 30.4   |

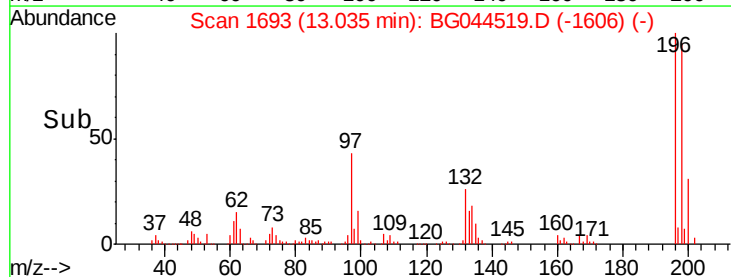
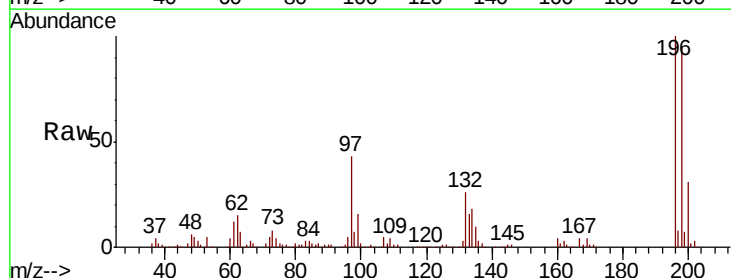
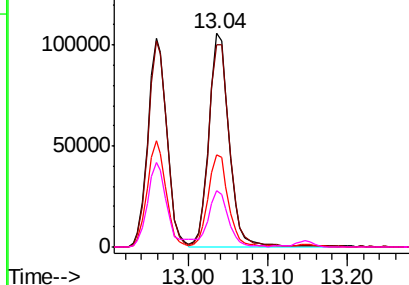
Abundance

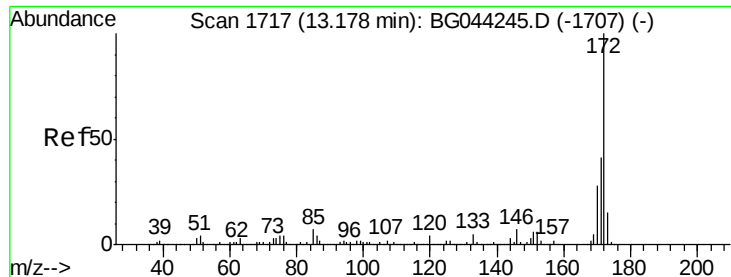
Ion 196.00 (195.70 to 196.70): E

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

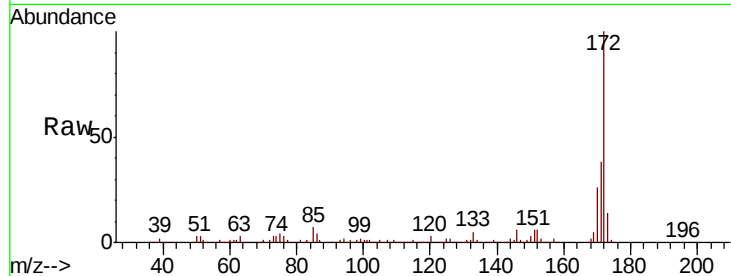




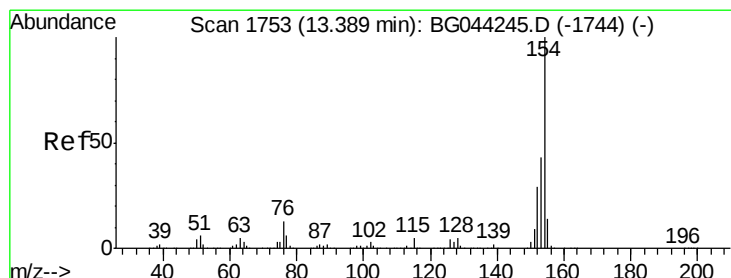
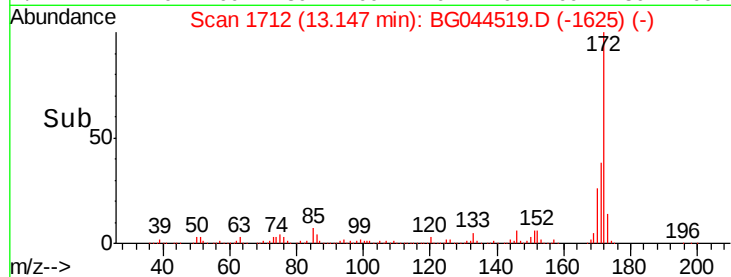
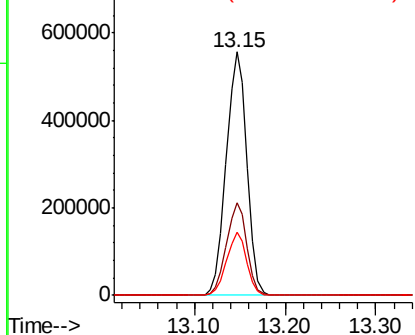
#45  
 2-Fluorobiphenyl  
 Concen: 78.773 ng  
 RT: 13.15 min Scan# 1712  
 Delta R.T. -0.02 min  
 Lab File: BG044519.D  
 Acq: 20 Feb 2020 14:01

Instrument :  
 BNA\_G  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 38.3  | 32.9  | 49.3  |
| 170     | 26.0  | 22.0  | 33.0  |

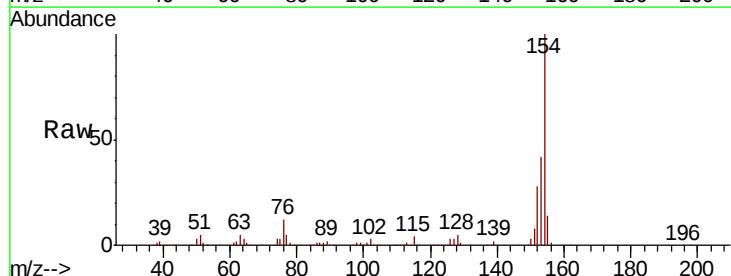


Abundance Ion 172.00 (171.70 to 172.70): E  
 Ion 171.00 (170.70 to 171.70): E  
 Ion 170.00 (169.70 to 170.70): E

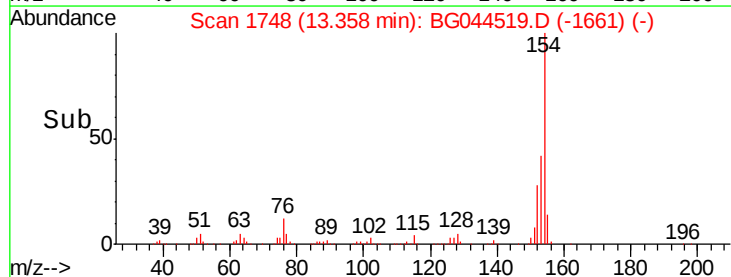
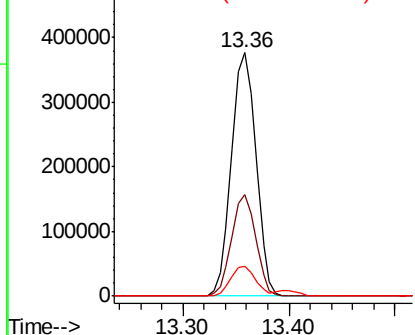


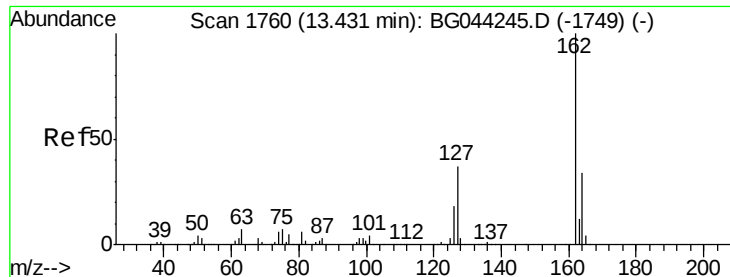
#46  
 1,1'-Biphenyl  
 Concen: 44.950 ng  
 RT: 13.36 min Scan# 1748  
 Delta R.T. -0.02 min  
 Lab File: BG044519.D  
 Acq: 20 Feb 2020 14:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 41.7  | 22.7  | 62.7  |
| 76      | 12.3  | 0.0   | 32.9  |



Abundance Ion 154.00 (153.70 to 154.70): E  
 Ion 153.00 (152.70 to 153.70): E  
 Ion 76.00 (75.70 to 76.70): BG

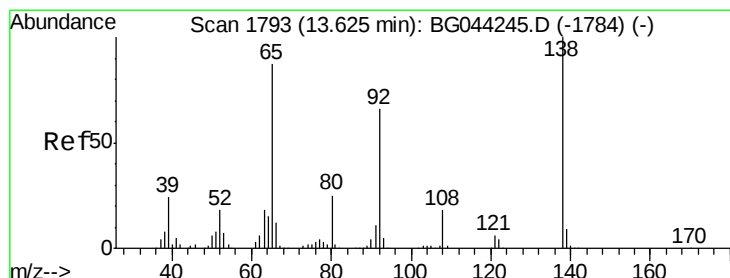
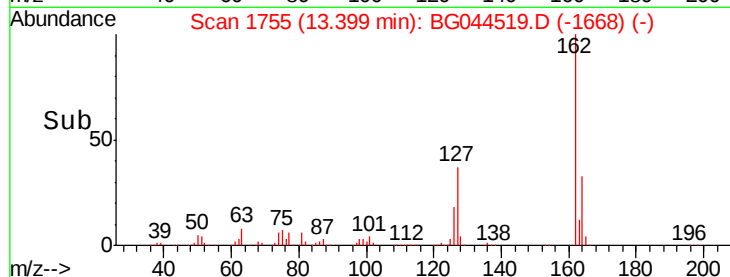
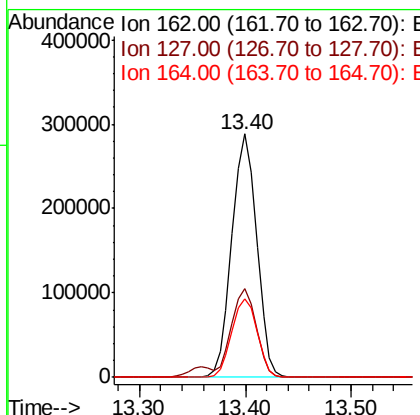
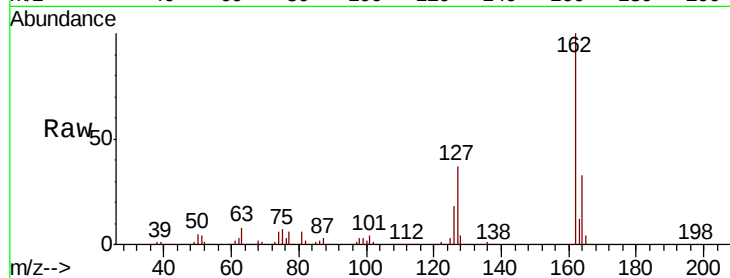




#47  
2-Chloronaphthalene  
Concen: 43.910 ng  
RT: 13.40 min Scan# 1755  
Delta R.T. -0.02 min  
Lab File: BG044519.D  
Acq: 20 Feb 2020 14:01

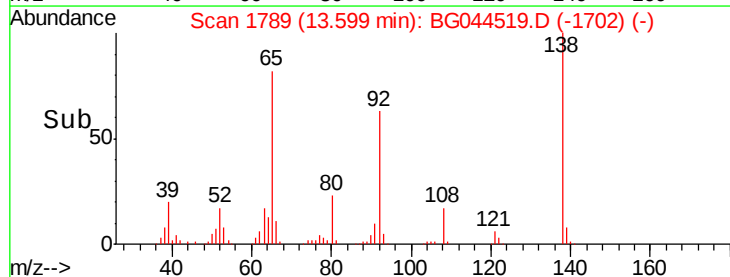
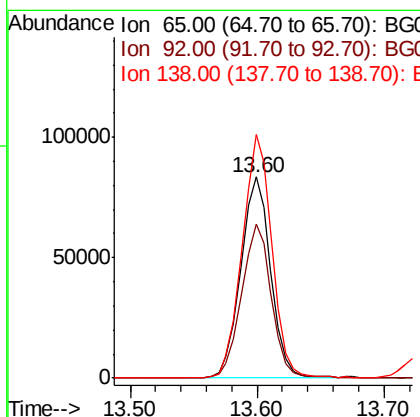
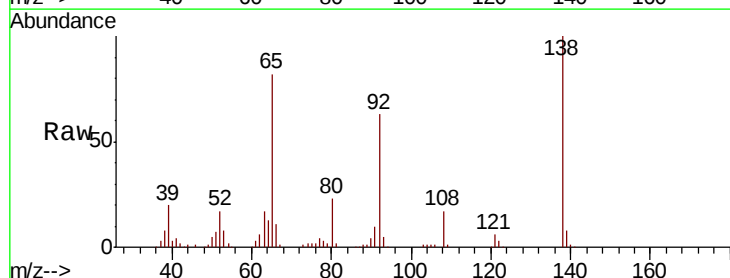
Instrument :  
BNA\_G  
ClientSampleId :

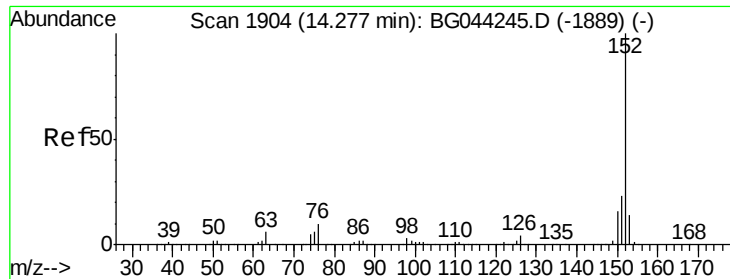
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 36.6  | 30.0  | 45.0  |
| 164     | 32.5  | 27.2  | 40.8  |



#48  
2-Nitroaniline  
Concen: 43.380 ng  
RT: 13.60 min Scan# 1789  
Delta R.T. -0.02 min  
Lab File: BG044519.D  
Acq: 20 Feb 2020 14:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 76.9  | 60.3  | 90.5  |
| 138     | 121.3 | 91.9  | 137.9 |





#49

Acenaphthylene

Concen: 47.681 ng

RT: 14.25 min Scan# 1899

Delta R.T. -0.02 min

Lab File: BG044519.D

Acq: 20 Feb 2020 14:01

Instrument :

BNA\_G

ClientSampleId :

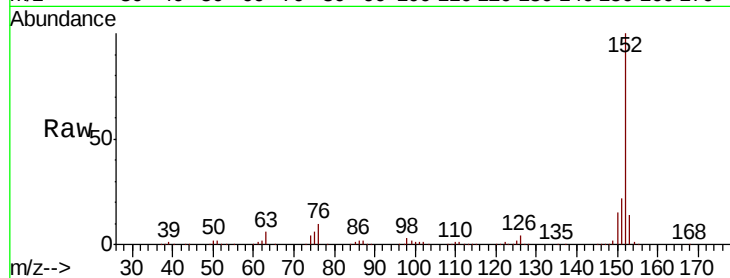
Tot Ion:152 Resp: 745905

Ion Ratio Lower Upper

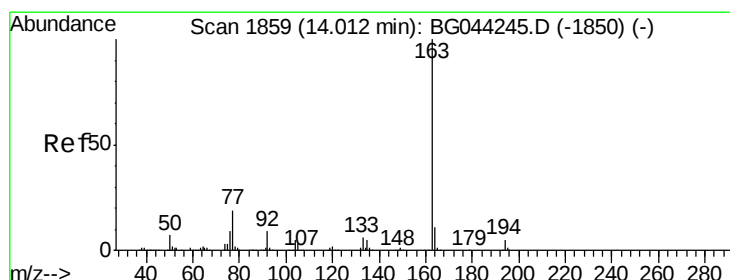
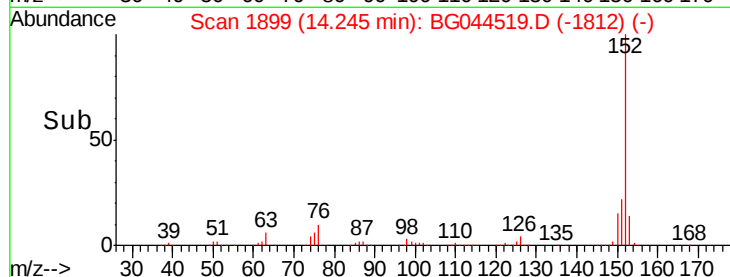
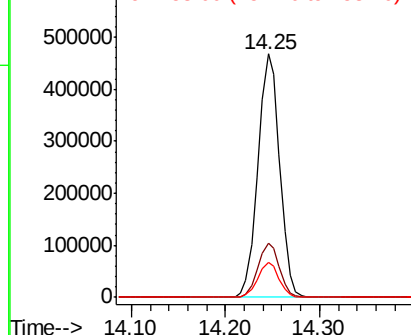
152 100

151 22.1 18.1 27.1

153 14.1 11.5 17.3



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: 45.013 ng

RT: 13.98 min Scan# 1854

Delta R.T. -0.02 min

Lab File: BG044519.D

Acq: 20 Feb 2020 14:01

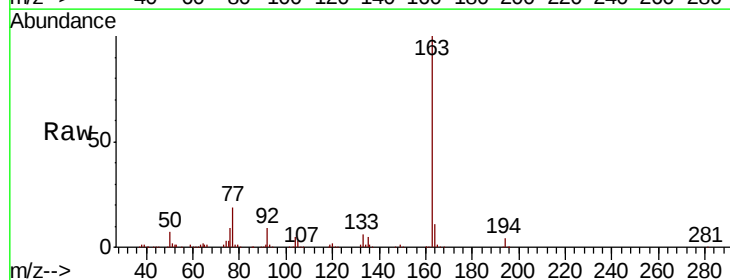
Tgt Ion:163 Resp: 601236

Ion Ratio Lower Upper

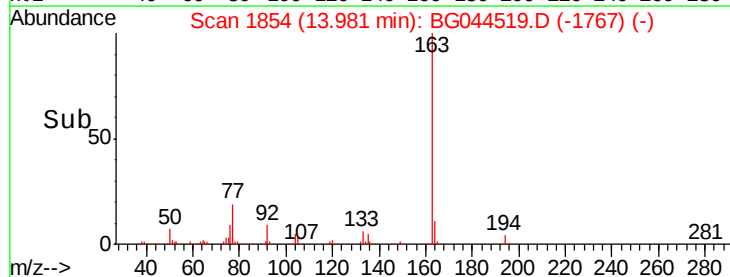
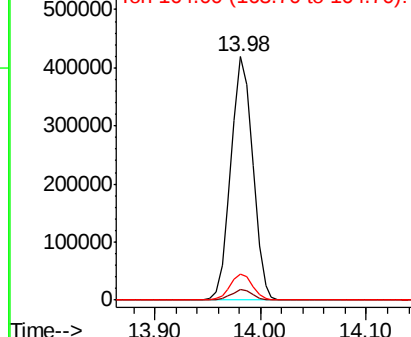
163 100

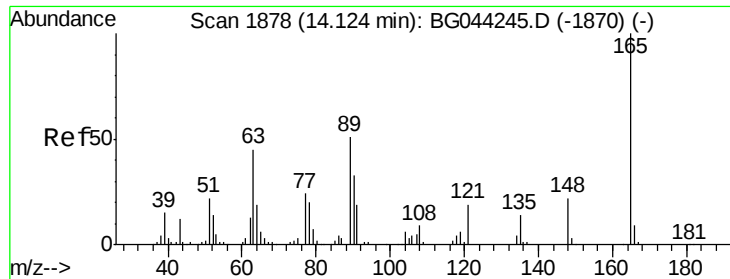
194 4.4 3.6 5.4

164 10.6 8.7 13.1



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

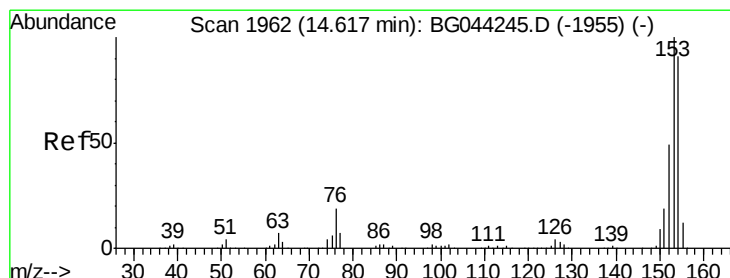
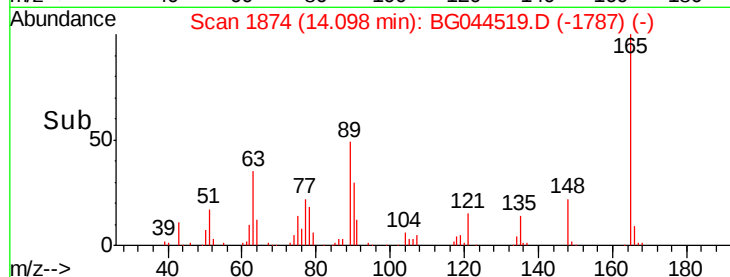
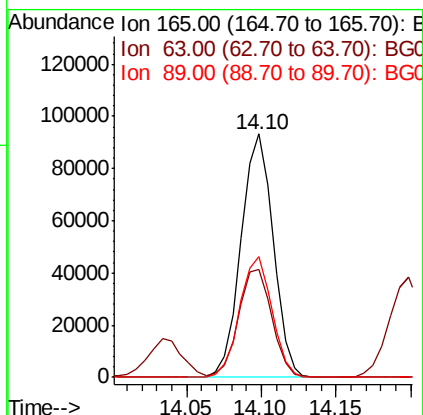
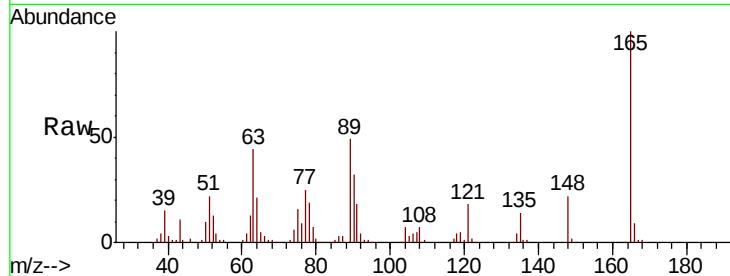




#51  
 2,6-Dinitrotoluene  
 Concen: 46.729 ng  
 RT: 14.10 min Scan# 1874  
 Delta R.T. -0.02 min  
 Lab File: BG044519.D  
 Acq: 20 Feb 2020 14:01

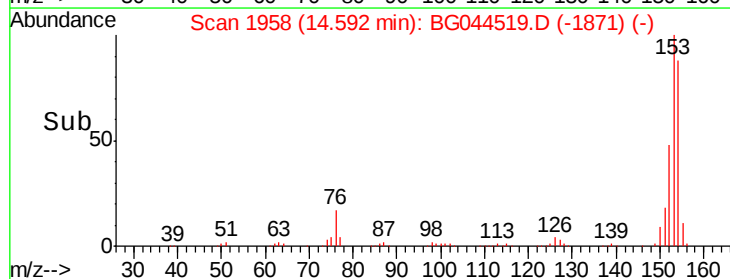
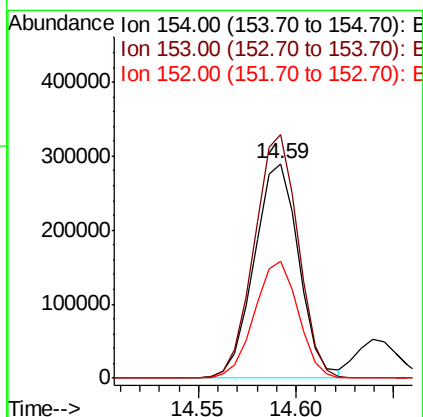
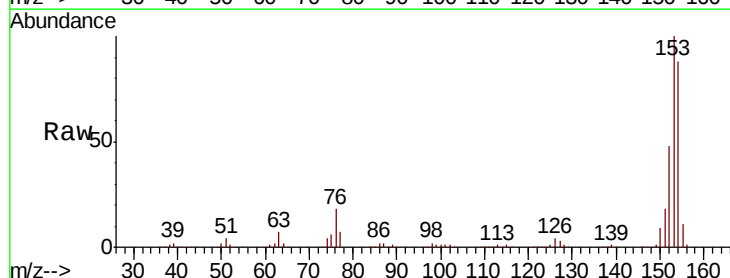
Instrument :  
 BNA\_G  
 ClientSampleId :

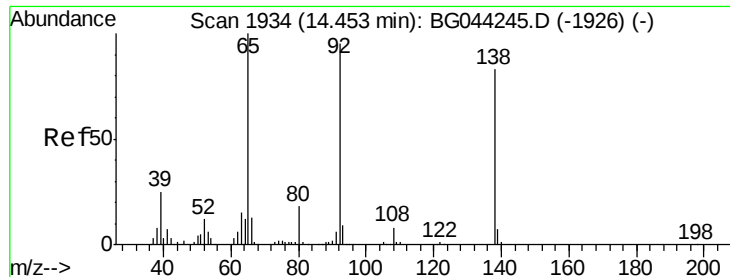
| Tot Ion | 165   | Resp  | 139167 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 165     | 100   |       |        |
| 63      | 44.1  | 38.7  | 58.1   |
| 89      | 49.4  | 40.4  | 60.6   |



#52  
 Acenaphthene  
 Concen: 45.202 ng  
 RT: 14.59 min Scan# 1958  
 Delta R.T. -0.02 min  
 Lab File: BG044519.D  
 Acq: 20 Feb 2020 14:01

| Tgt Ion | 154   | Resp  | 458336 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 154     | 100   |       |        |
| 153     | 113.6 | 87.9  | 131.9  |
| 152     | 54.4  | 43.1  | 64.7   |

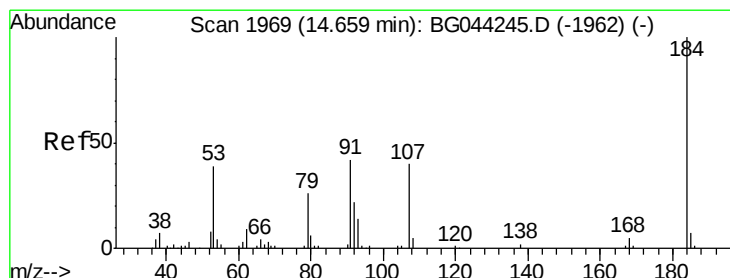
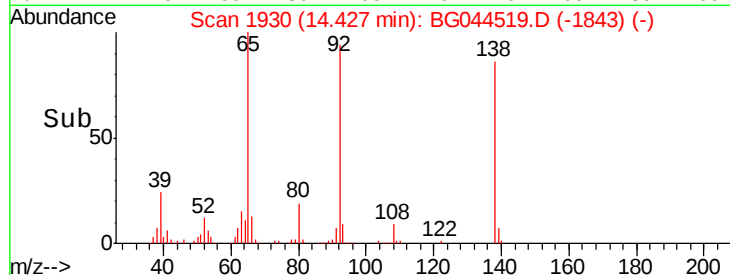
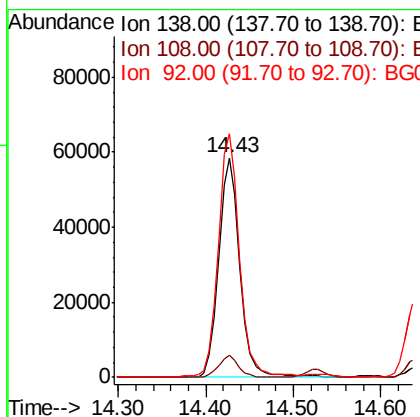
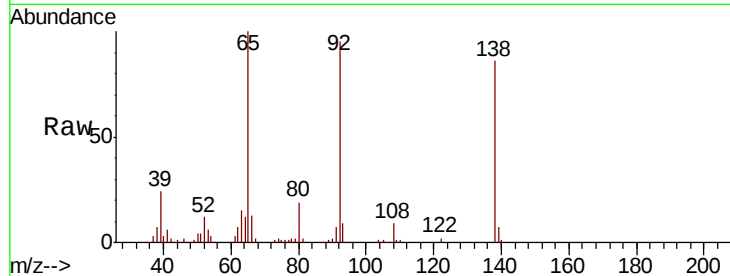




#53  
 3-Nitroaniline  
 Concen: 29.747 ng  
 RT: 14.43 min Scan# 1930  
 Delta R.T. -0.02 min  
 Lab File: BG044519.D  
 Acq: 20 Feb 2020 14:01

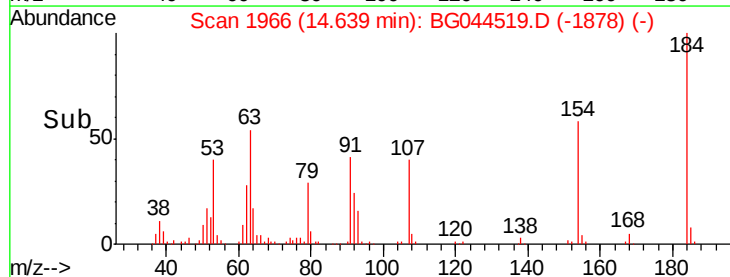
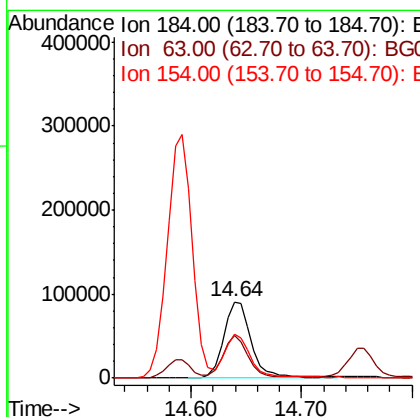
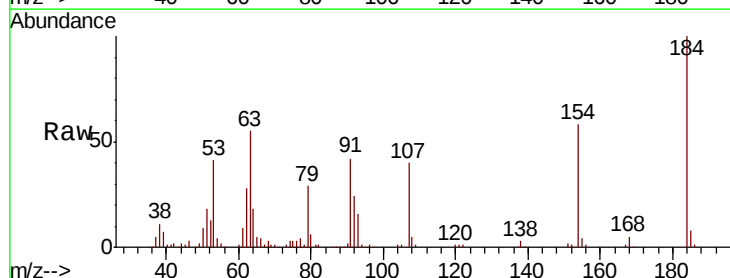
Instrument :  
 BNA\_G  
 ClientSampleId :

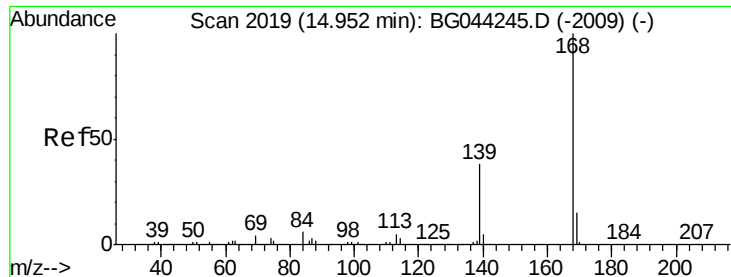
Tot Ion:138 Resp: 98012  
 Ion Ratio Lower Upper  
 138 100  
 108 9.9 7.9 11.9  
 92 110.8 91.0 136.4



#54  
 2,4-Dinitrophenol  
 Concen: 89.916 ng  
 RT: 14.64 min Scan# 1966  
 Delta R.T. -0.01 min  
 Lab File: BG044519.D  
 Acq: 20 Feb 2020 14:01

Tgt Ion:184 Resp: 160518  
 Ion Ratio Lower Upper  
 184 100  
 63 55.4 44.1 66.1  
 154 58.0 45.4 68.0

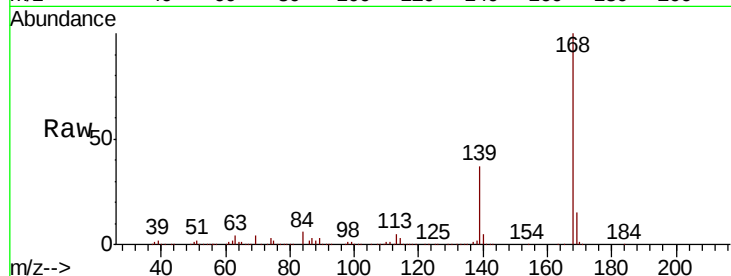




#55  
Dibenzofuran  
Concen: 46.384 ng  
RT: 14.93 min Scan# 2015  
Delta R.T. -0.02 min  
Lab File: BG044519.D  
Acq: 20 Feb 2020 14:01

Instrument :  
BNA\_G  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 168     | 100   |       |       |
| 139     | 36.6  | 30.5  | 45.7  |
| 169     | 14.5  | 11.7  | 17.5  |

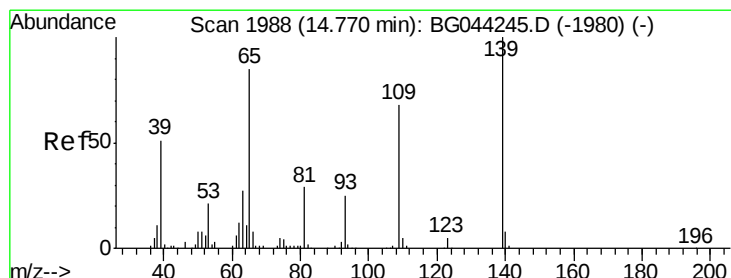
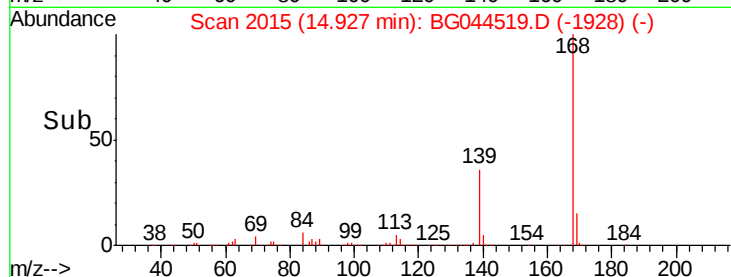
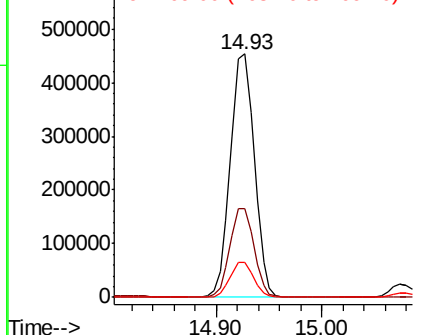


Abundance

Ion 168.00 (167.70 to 168.70): E

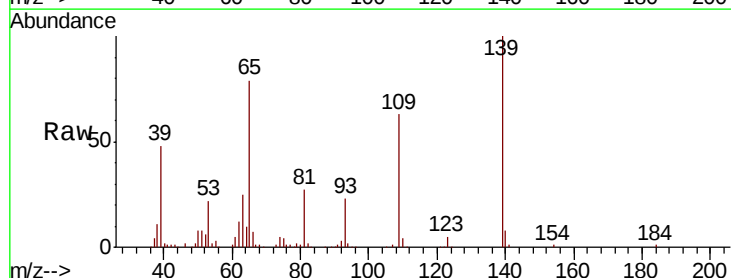
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56  
4-Nitrophenol  
Concen: 102.170 ng  
RT: 14.76 min Scan# 1986  
Delta R.T. -0.01 min  
Lab File: BG044519.D  
Acq: 20 Feb 2020 14:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 139     | 100   |       |       |
| 109     | 63.4  | 47.5  | 87.5  |
| 65      | 78.7  | 64.9  | 104.9 |

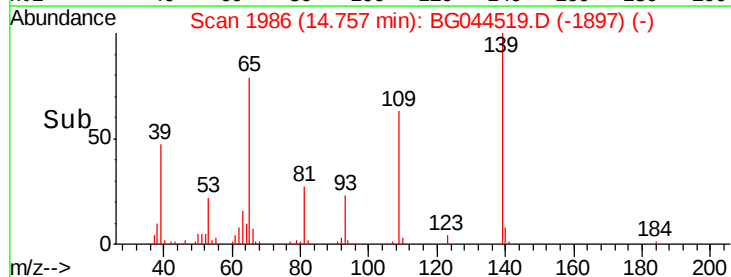
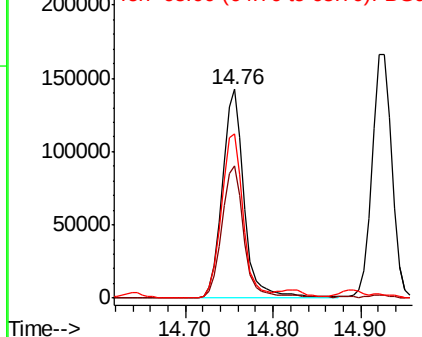


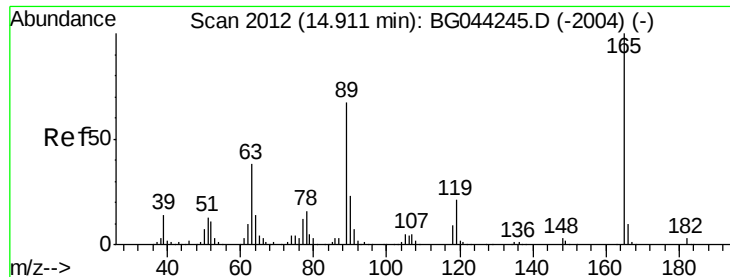
Abundance

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

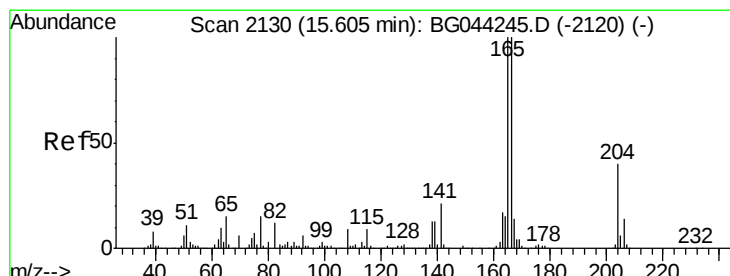
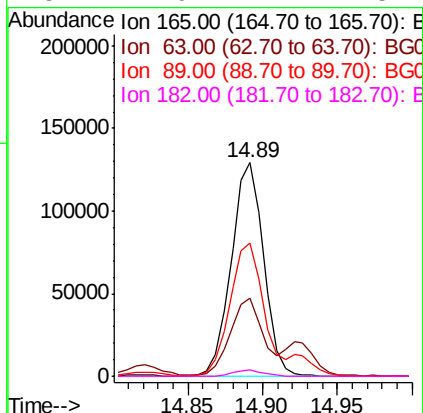
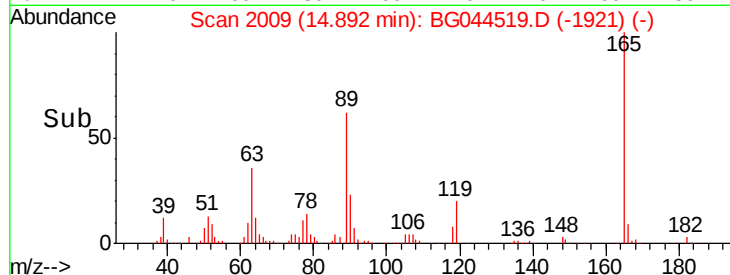
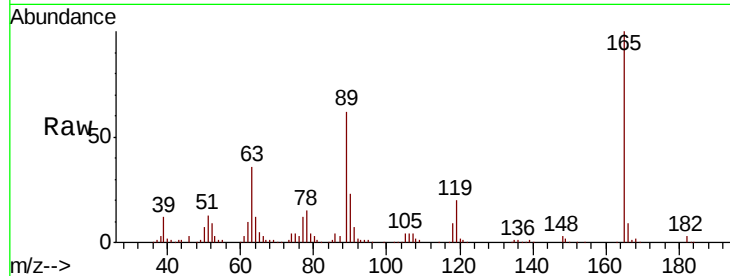




#57  
2,4-Dinitrotoluene  
Concen: 46.766 ng  
RT: 14.89 min Scan# 2009  
Delta R.T. -0.01 min  
Lab File: BG044519.D  
Acq: 20 Feb 2020 14:01

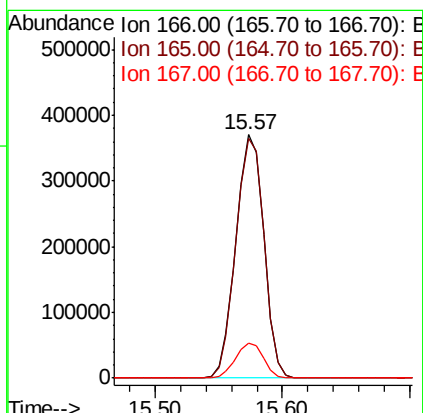
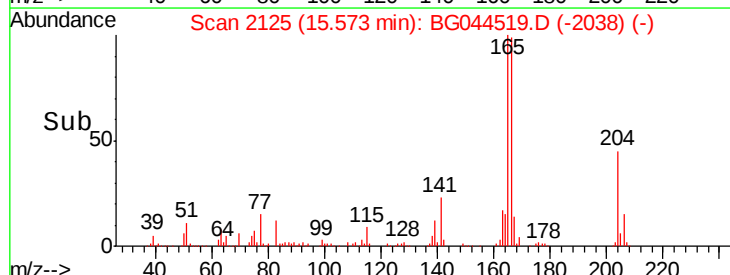
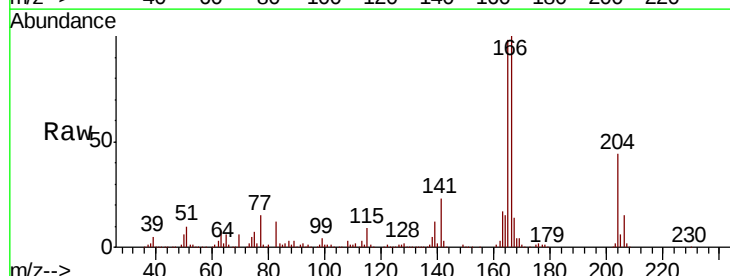
Instrument :  
BNA\_G  
ClientSampleId :

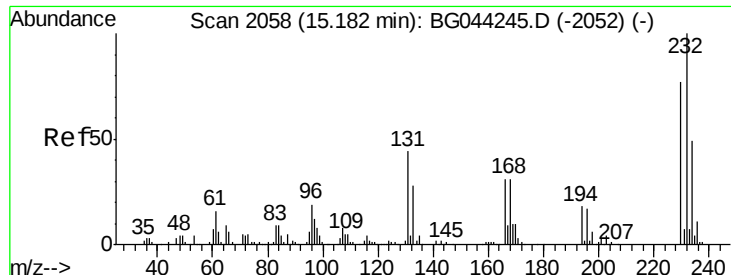
|             |       |             |
|-------------|-------|-------------|
| Tot Ion:165 | Resp: | 195210      |
| Ion         | Ratio | Lower Upper |
| 165         | 100   |             |
| 63          | 36.4  | 30.3 45.5   |
| 89          | 62.3  | 53.4 80.2   |
| 182         | 2.9   | 2.1 3.1     |



#58  
Fluorene  
Concen: 46.733 ng  
RT: 15.57 min Scan# 2125  
Delta R.T. -0.02 min  
Lab File: BG044519.D  
Acq: 20 Feb 2020 14:01

|             |       |             |
|-------------|-------|-------------|
| Tgt Ion:166 | Resp: | 565077      |
| Ion         | Ratio | Lower Upper |
| 166         | 100   |             |
| 165         | 98.2  | 79.9 119.9  |
| 167         | 14.4  | 11.4 17.0   |

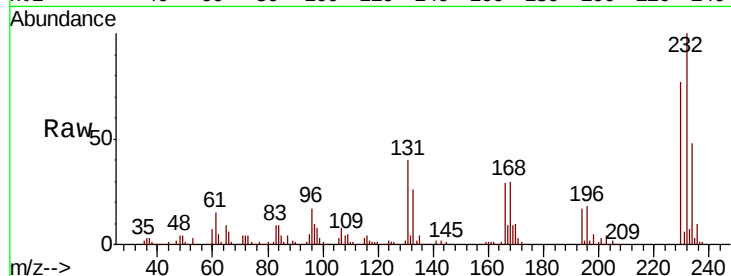




#59  
 2,3,4,6-Tetrachlorophenol  
 Concen: 49.664 ng  
 RT: 15.16 min Scan# 2054  
 Delta R.T. -0.02 min  
 Lab File: BG044519.D  
 Acq: 20 Feb 2020 14:01

Instrument :  
 BNA\_G  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 232     | 100   |       |       |
| 131     | 40.3  | 34.2  | 51.4  |
| 130     | 2.4   | 1.8   | 2.8   |
| 166     | 28.9  | 23.8  | 35.8  |



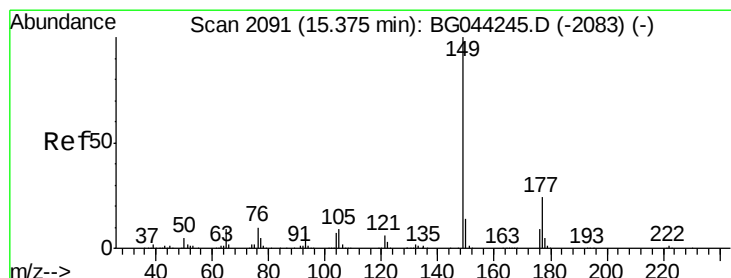
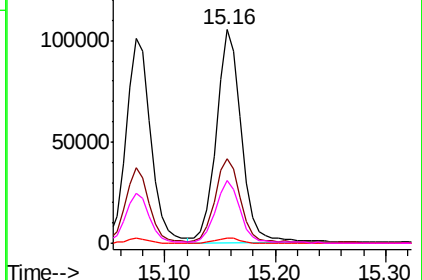
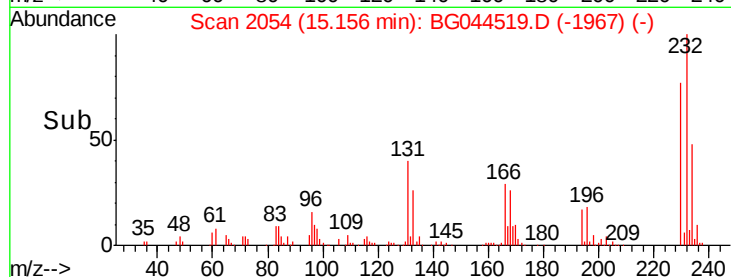
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

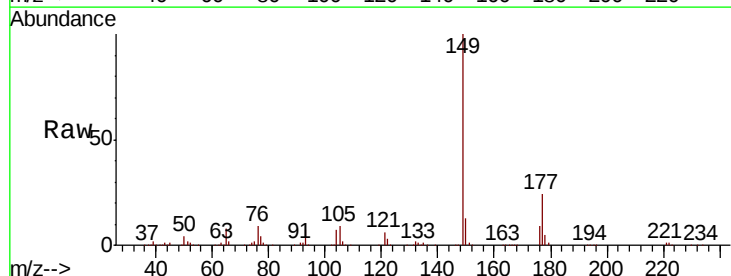
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60  
 Diethylphthalate  
 Concen: 45.148 ng  
 RT: 15.35 min Scan# 2087  
 Delta R.T. -0.02 min  
 Lab File: BG044519.D  
 Acq: 20 Feb 2020 14:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 177     | 24.4  | 19.4  | 29.0  |
| 150     | 12.7  | 10.9  | 16.3  |

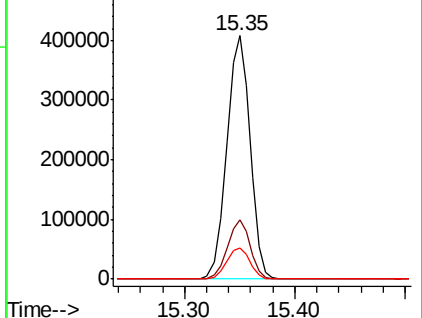
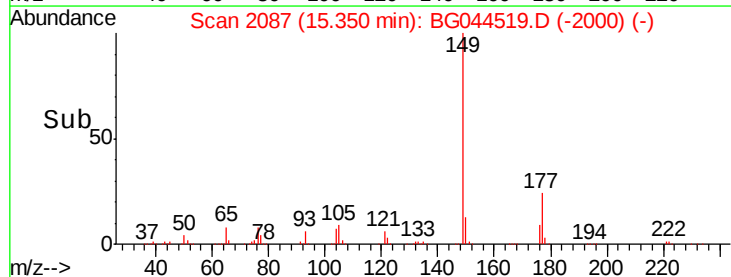


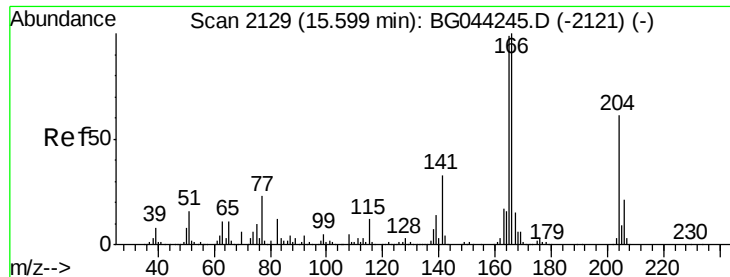
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

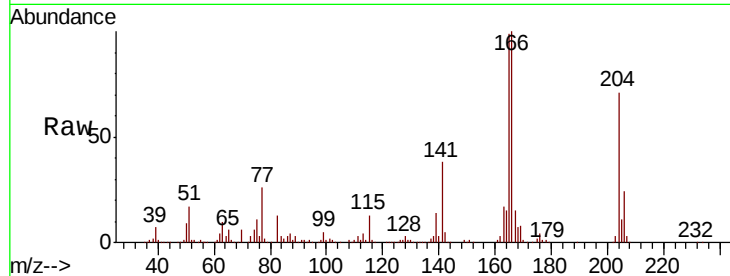




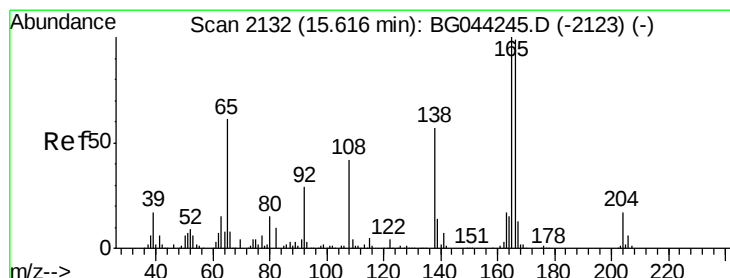
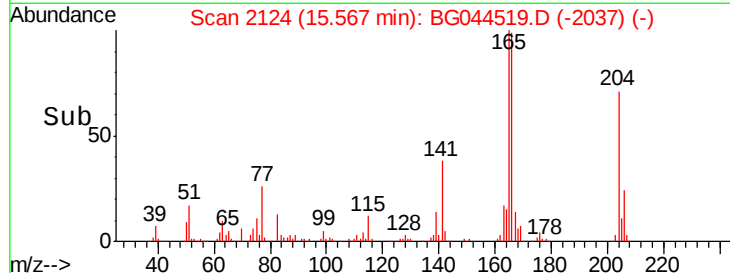
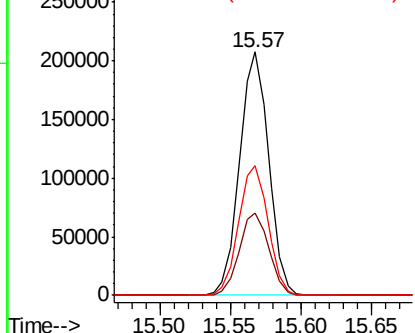
#61  
4-Chlorophenyl-phenylether  
Concen: 45.592 ng  
RT: 15.57 min Scan# 2124  
Delta R.T. -0.02 min  
Lab File: BG044519.D  
Acq: 20 Feb 2020 14:01

Instrument :  
BNA\_G  
ClientSampled :

Tot Ion:204 Resp: 298913  
Ion Ratio Lower Upper  
204 100  
206 34.0 27.6 41.4  
141 53.3 43.4 65.0

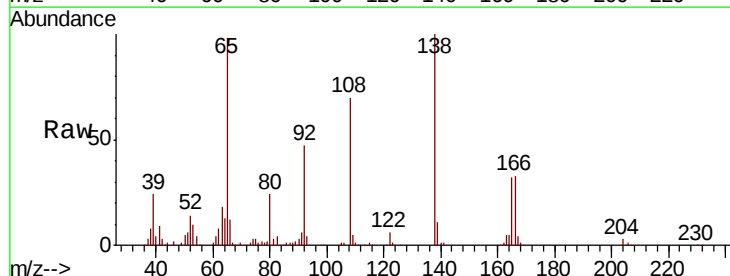


Abundance Ion 204.00 (203.70 to 204.70): E  
Ion 206.00 (205.70 to 206.70): E  
Ion 141.00 (140.70 to 141.70): E

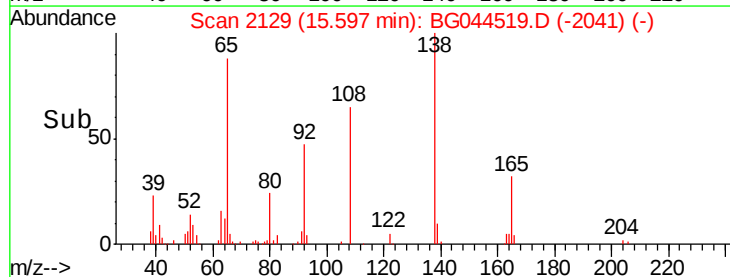
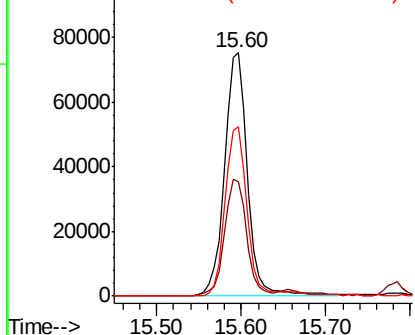


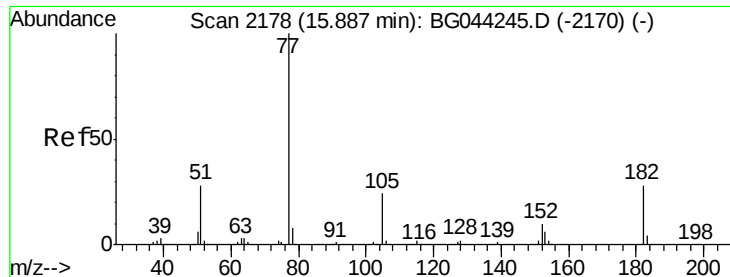
#62  
4-Nitroaniline  
Concen: 42.750 ng  
RT: 15.60 min Scan# 2129  
Delta R.T. -0.01 min  
Lab File: BG044519.D  
Acq: 20 Feb 2020 14:01

Tgt Ion:138 Resp: 140750  
Ion Ratio Lower Upper  
138 100  
92 46.8 31.3 71.3  
108 69.7 52.6 92.6



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: 45.708 ng

RT: 15.86 min Scan# 2174

Delta R.T. -0.02 min

Lab File: BG044519.D

Acq: 20 Feb 2020 14:01

Instrument :

BNA\_G

ClientSampleId :

Tot Ion: 77 Resp: 533170

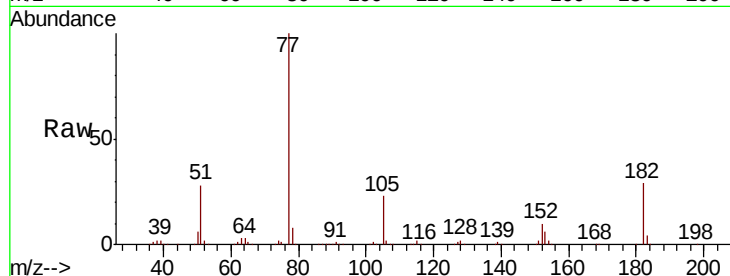
Ion Ratio Lower Upper

77 100

182 29.4 8.2 48.2

105 23.0 3.6 43.6

51 27.7 8.3 48.3

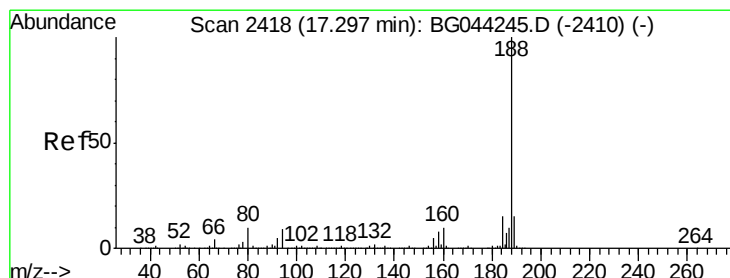
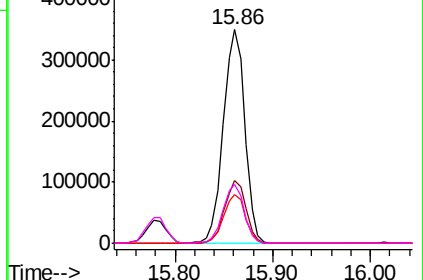
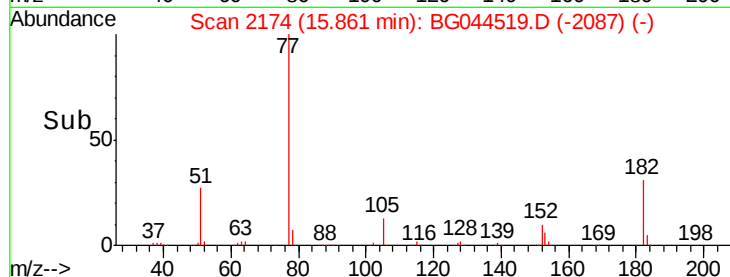


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.27 min Scan# 2414

Delta R.T. -0.02 min

Lab File: BG044519.D

Acq: 20 Feb 2020 14:01

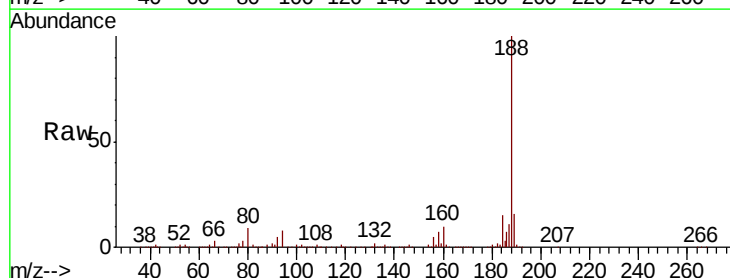
Tgt Ion: 188 Resp: 409752

Ion Ratio Lower Upper

188 100

94 8.3 7.4 11.2

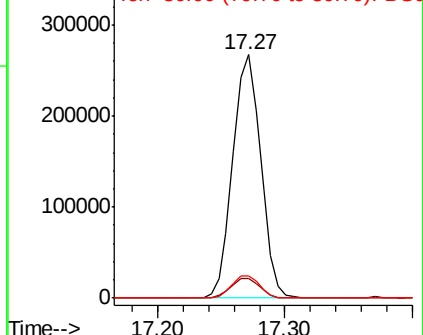
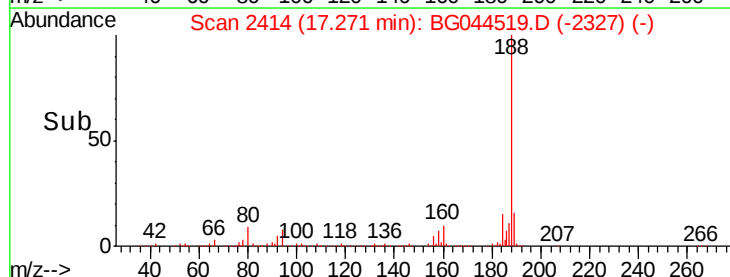
80 9.2 7.7 11.5

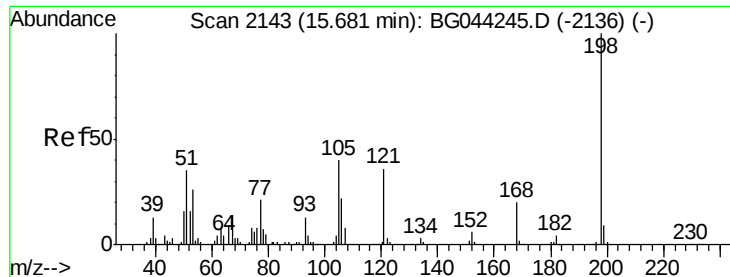


Abundance Ion 188.00 (187.70 to 188.70): BGC

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: 54.426 ng

RT: 15.66 min Scan# 2140

Delta R.T. -0.01 min

Lab File: BG044519.D

Acq: 20 Feb 2020 14:01

Instrument :

BNA\_G

ClientSampleId :

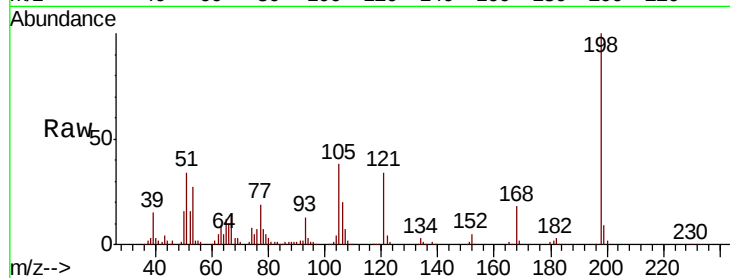
Tot Ion:198 Resp: 123103

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 198 | 100   |       |       |
| 51  | 34.3  | 16.6  | 56.6  |
| 105 | 38.2  | 20.6  | 60.6  |

198 100

51 34.3 16.6 56.6

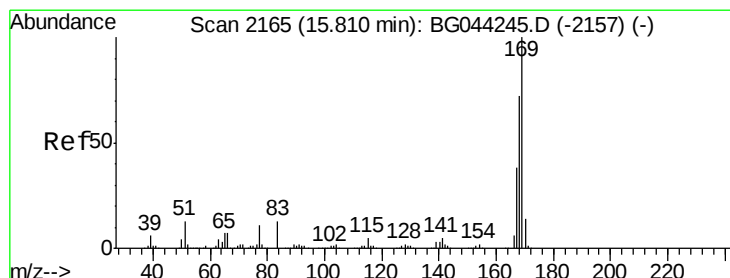
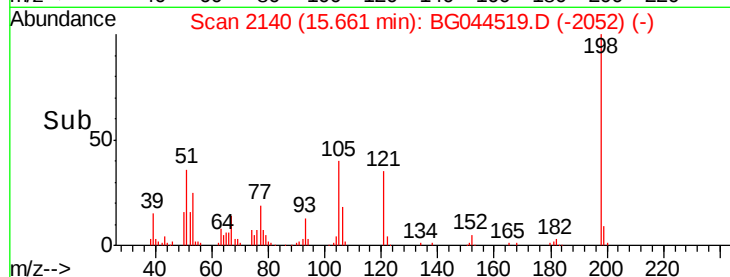
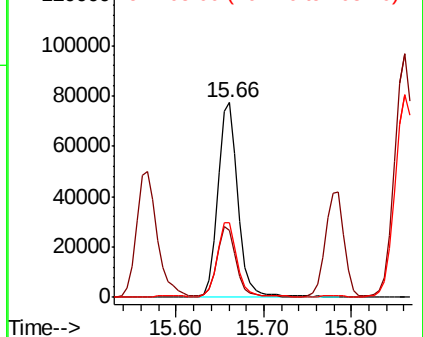
105 38.2 20.6 60.6



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 46.291 ng

RT: 15.78 min Scan# 2161

Delta R.T. -0.02 min

Lab File: BG044519.D

Acq: 20 Feb 2020 14:01

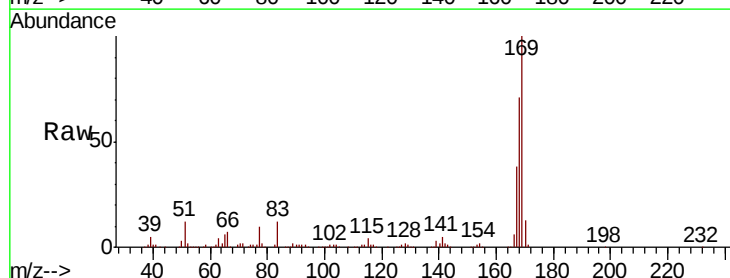
Tgt Ion:169 Resp: 531562

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 169 | 100   |       |       |
| 168 | 70.6  | 57.9  | 86.9  |
| 167 | 37.5  | 30.7  | 46.1  |

169 100

168 70.6 57.9 86.9

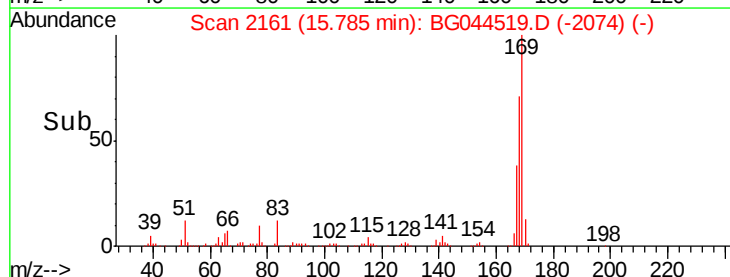
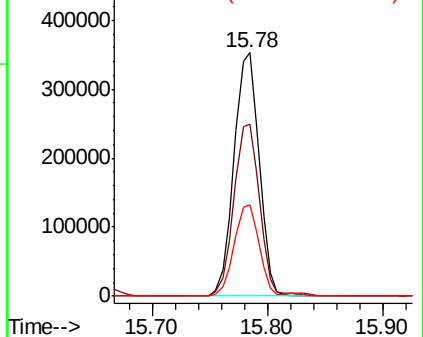
167 37.5 30.7 46.1

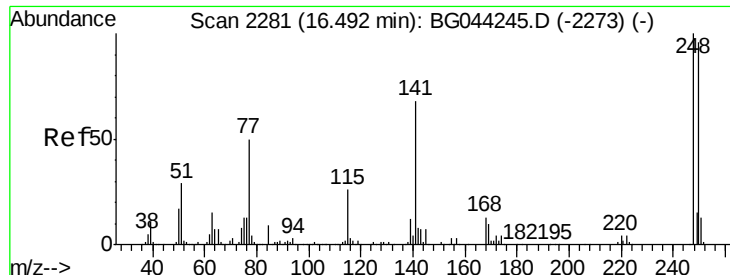


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

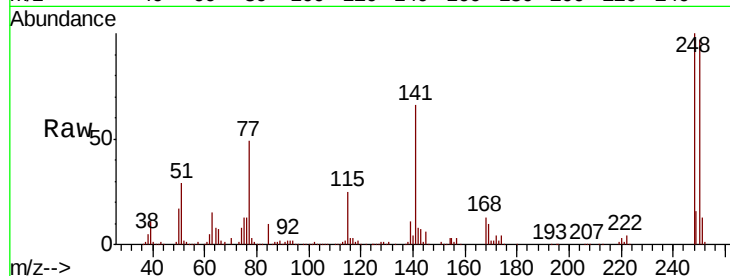




#67  
 4-Bromophenyl-phenylether  
 Concen: 44.703 ng  
 RT: 16.46 min Scan# 2276  
 Delta R.T. -0.02 min  
 Lab File: BG044519.D  
 Acq: 20 Feb 2020 14:01

Instrument :  
 BNA\_G  
 ClientSampled :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 97.3  | 76.6  | 114.8 |
| 141     | 65.7  | 54.7  | 82.1  |

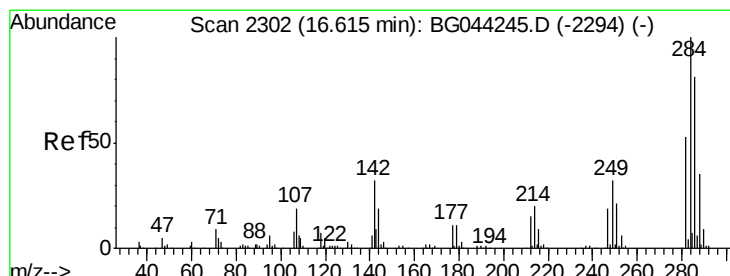
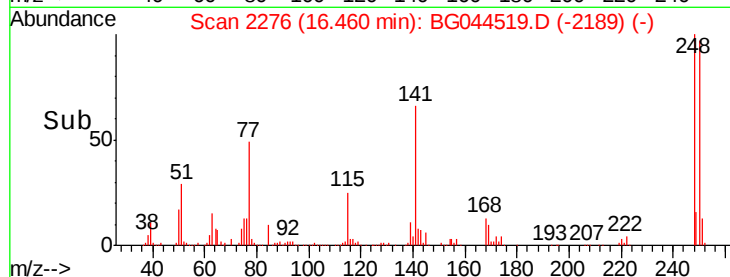
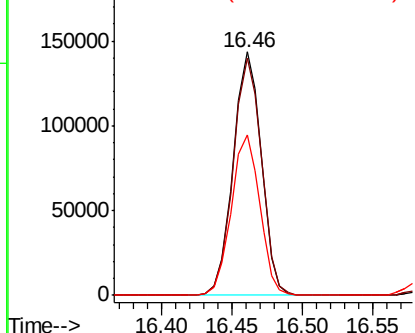


Abundance

Ion 248.00 (247.70 to 248.70): E

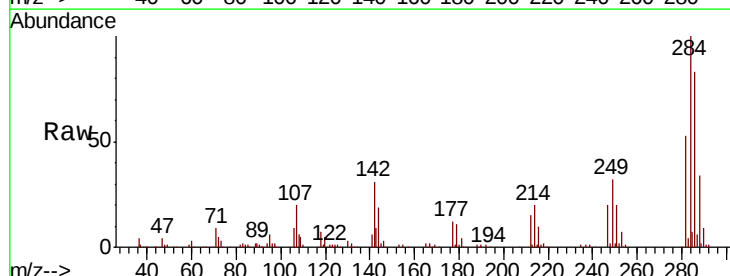
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68  
 Hexachlorobenzene  
 Concen: 44.353 ng  
 RT: 16.58 min Scan# 2297  
 Delta R.T. -0.02 min  
 Lab File: BG044519.D  
 Acq: 20 Feb 2020 14:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 30.9  | 25.3  | 37.9  |
| 249     | 32.3  | 25.5  | 38.3  |

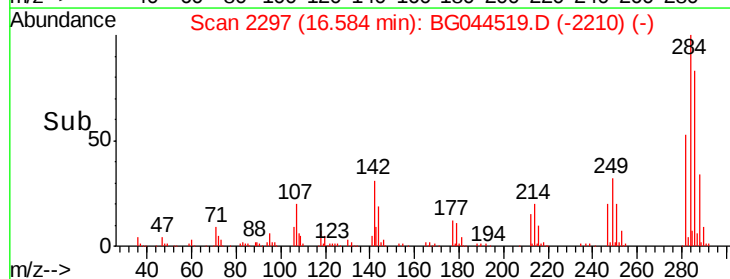
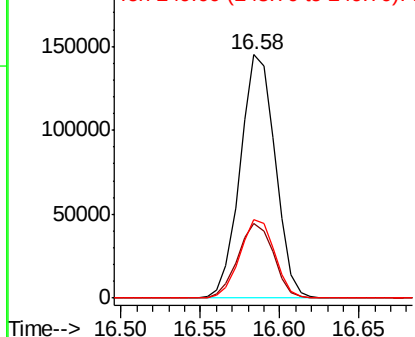


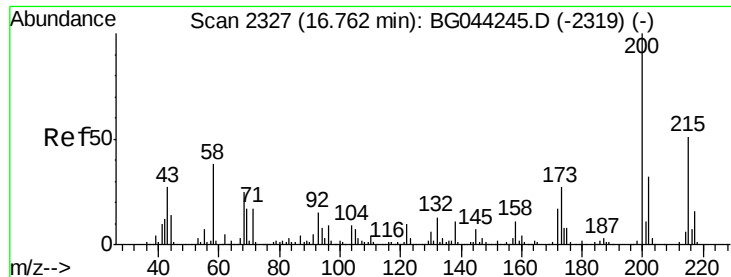
Abundance

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

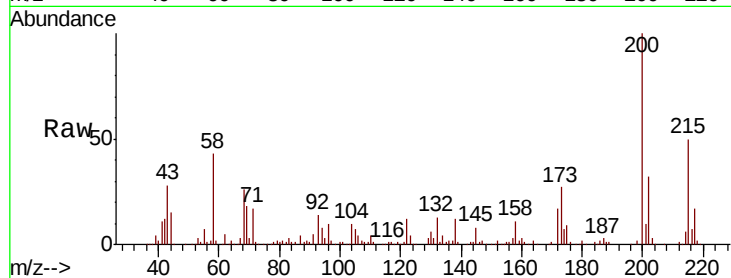




#69  
 Atrazine  
 Concen: 52.374 ng  
 RT: 16.73 min Scan# 2322  
 Delta R.T. -0.02 min  
 Lab File: BG044519.D  
 Acq: 20 Feb 2020 14:01

Instrument :  
 BNA\_G  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 26.8  | 6.6   | 46.6  |
| 215     | 50.1  | 31.0  | 71.0  |

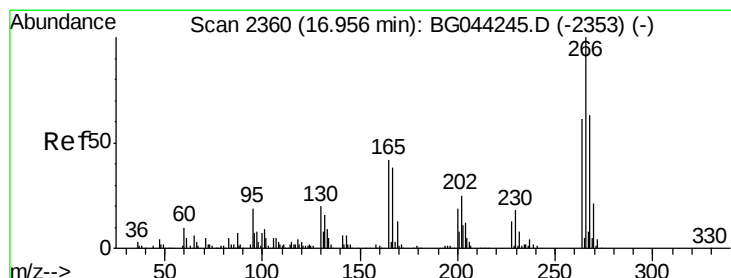
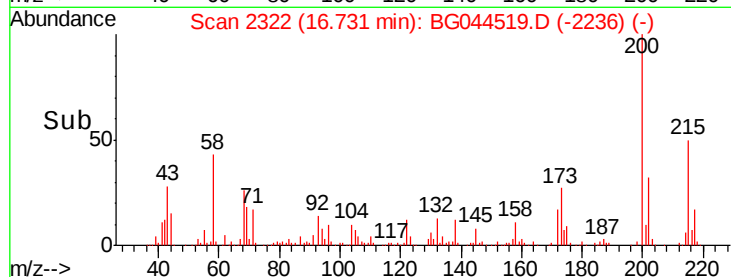
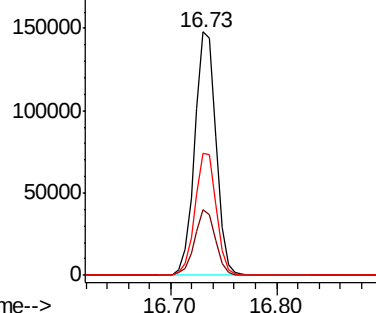


Abundance

Ion 200.00 (199.70 to 200.70): E

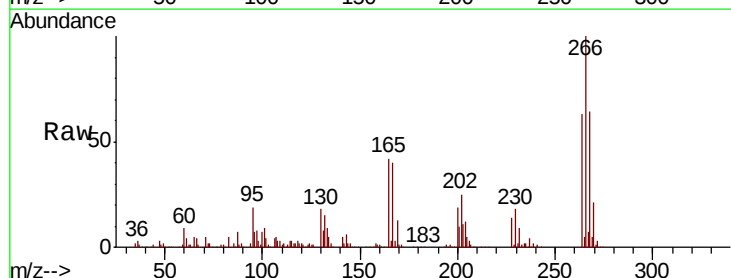
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70  
 Pentachlorophenol  
 Concen: 92.282 ng  
 RT: 16.93 min Scan# 2356  
 Delta R.T. -0.02 min  
 Lab File: BG044519.D  
 Acq: 20 Feb 2020 14:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 63.8  | 50.6  | 75.8  |
| 264     | 62.8  | 48.7  | 73.1  |

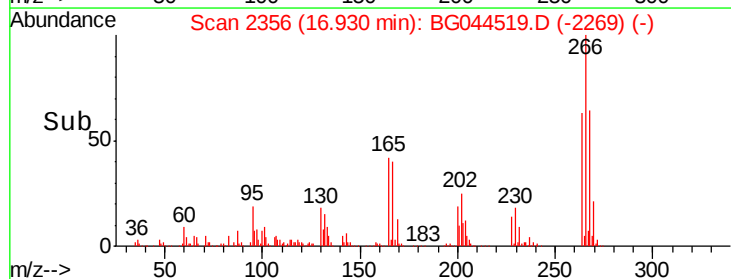
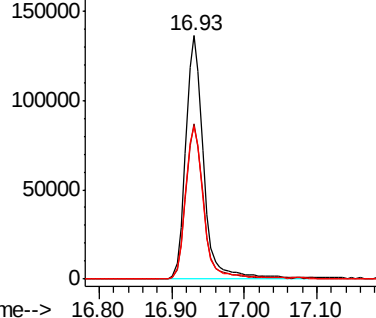


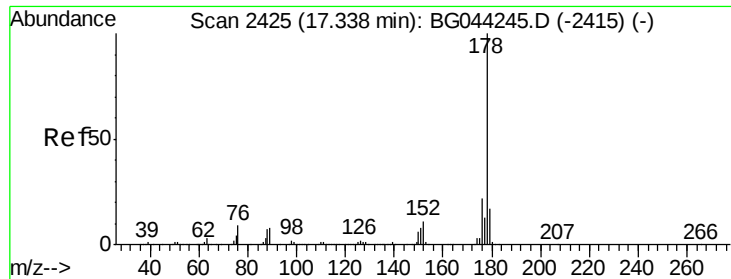
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

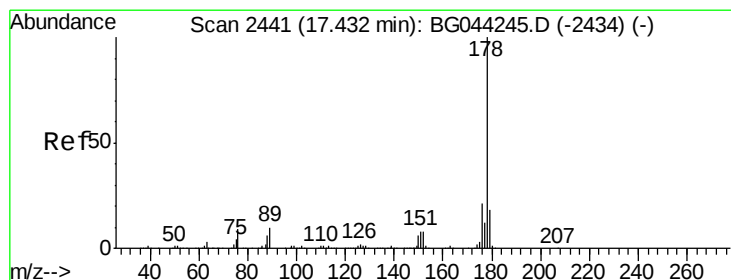
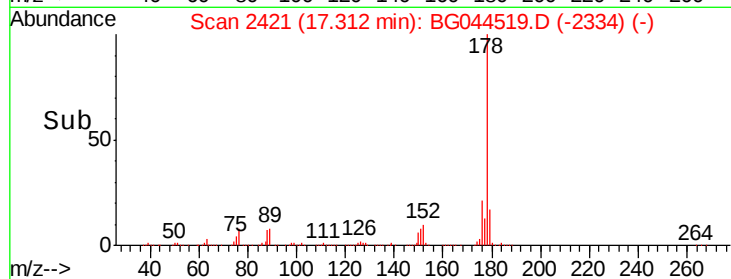
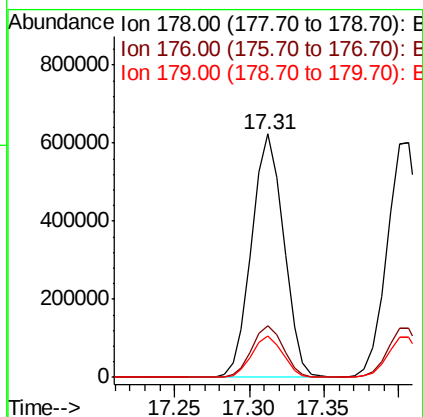
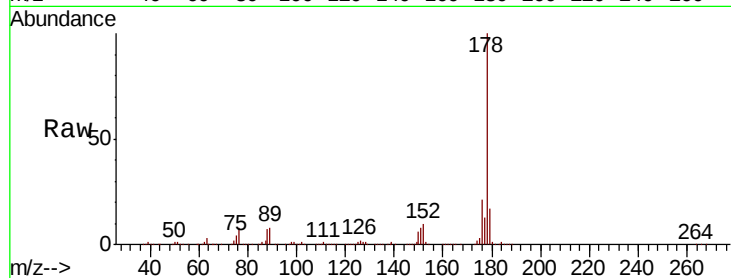




#71  
Phenanthrene  
Concen: 46.721 ng  
RT: 17.31 min Scan# 2421  
Delta R.T. -0.02 min  
Lab File: BG044519.D  
Acq: 20 Feb 2020 14:01

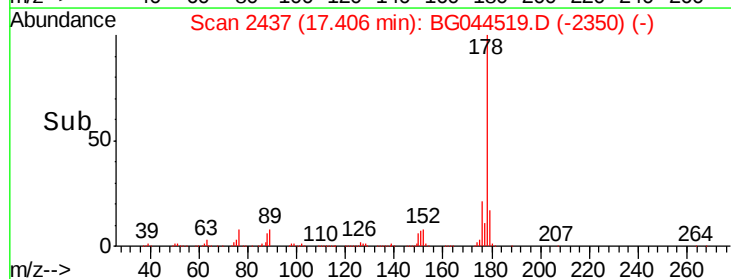
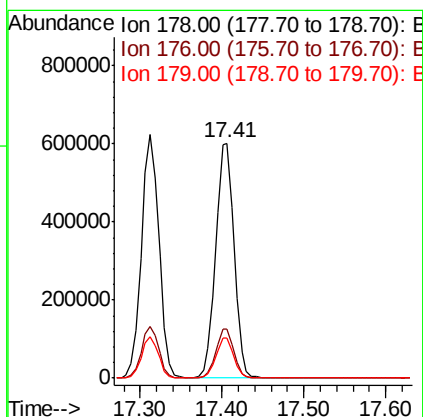
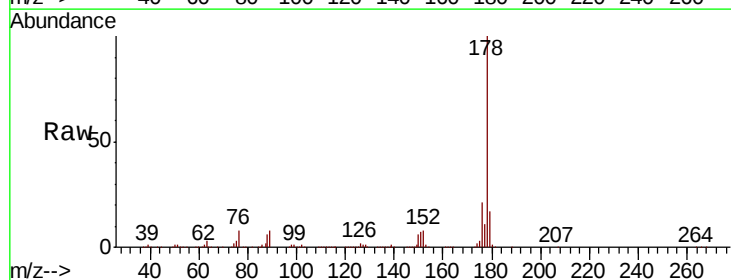
Instrument :  
BNA\_G  
ClientSampleId :

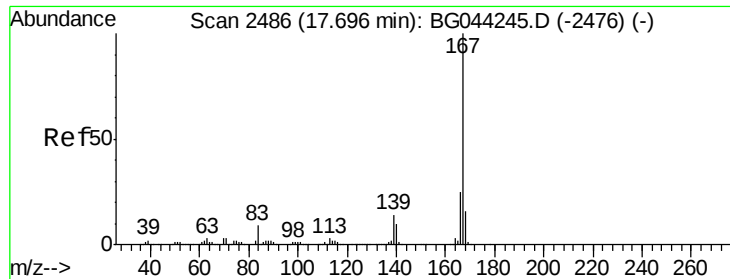
Tot Ion:178 Resp: 927017  
Ion Ratio Lower Upper  
178 100  
176 21.0 17.7 26.5  
179 17.0 13.7 20.5



#72  
Anthracene  
Concen: 48.166 ng  
RT: 17.41 min Scan# 2437  
Delta R.T. -0.02 min  
Lab File: BG044519.D  
Acq: 20 Feb 2020 14:01

Tgt Ion:178 Resp: 944851  
Ion Ratio Lower Upper  
178 100  
176 21.0 17.0 25.4  
179 17.0 14.4 21.6





#73

Carbazole

Concen: 47.747 ng

RT: 17.67 min Scan# 2482

Delta R.T. -0.02 min

Lab File: BG044519.D

Acq: 20 Feb 2020 14:01

Instrument :

BNA\_G

ClientSampleId :

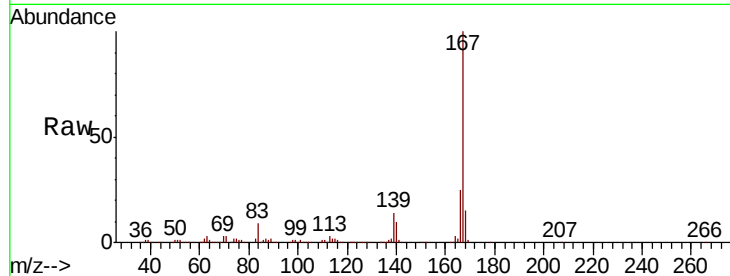
Tot Ion:167 Resp: 863462

Ion Ratio Lower Upper

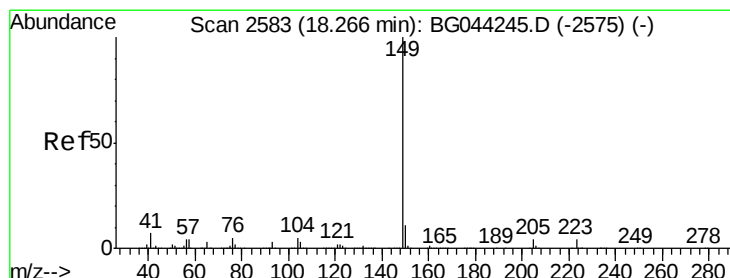
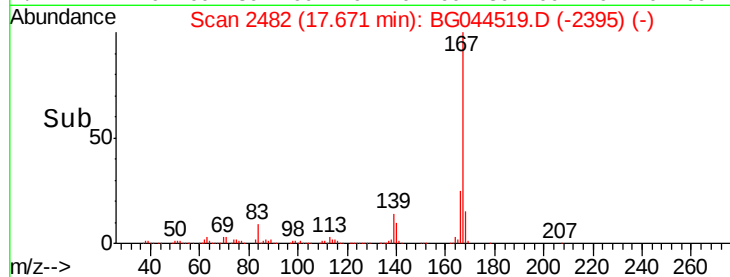
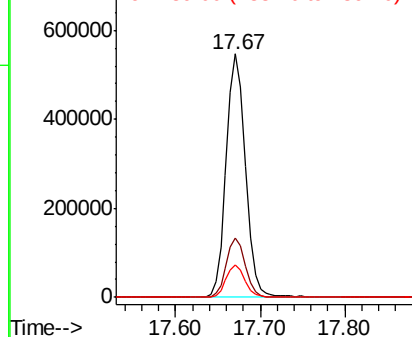
167 100

166 24.5 19.8 29.6

139 13.5 11.1 16.7



Abundance Ion 167.00 (166.70 to 167.70): E  
Ion 166.00 (165.70 to 166.70): E  
Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 46.362 ng

RT: 18.23 min Scan# 2578

Delta R.T. -0.02 min

Lab File: BG044519.D

Acq: 20 Feb 2020 14:01

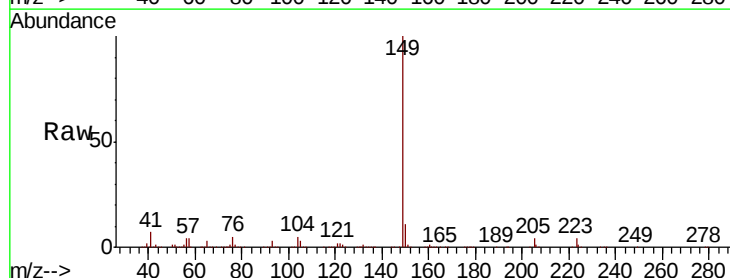
Tgt Ion:149 Resp: 1036091

Ion Ratio Lower Upper

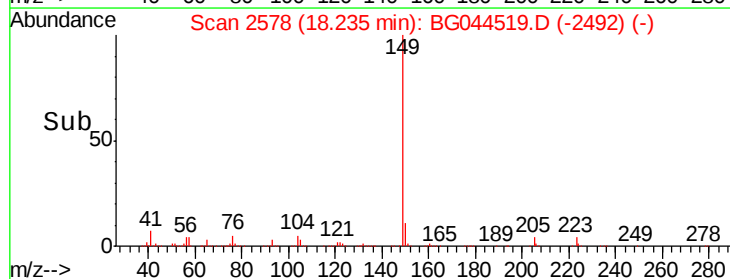
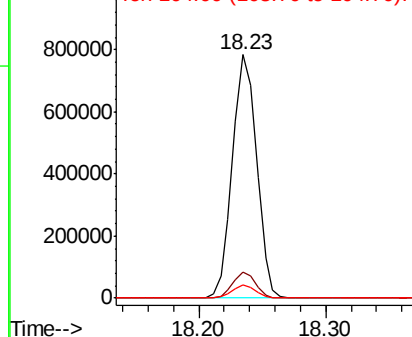
149 100

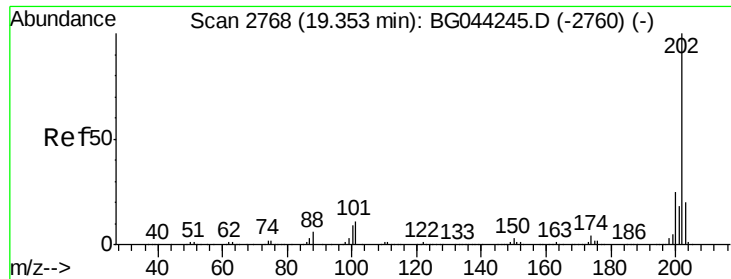
150 10.7 8.7 13.1

104 5.4 4.3 6.5



Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 48.608 ng

RT: 19.32 min Scan# 2763

Delta R.T. -0.02 min

Lab File: BG044519.D

Acq: 20 Feb 2020 14:01

Instrument :

BNA\_G

ClientSampleId :

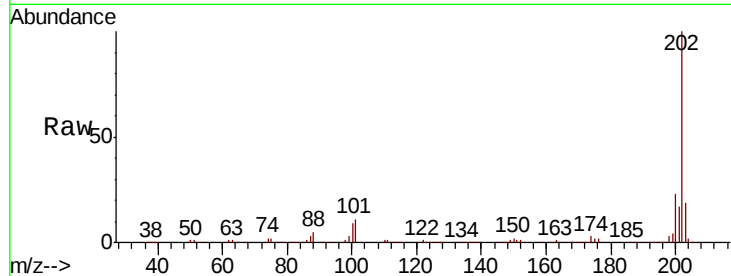
Tot Ion:202 Resp: 1115699

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 202 | 100   |       |       |
| 101 | 11.2  | 0.0   | 31.3  |
| 203 | 19.5  | 0.0   | 39.9  |

202 100

101 11.2 0.0 31.3

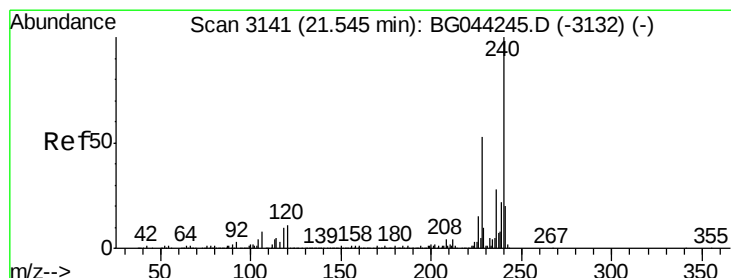
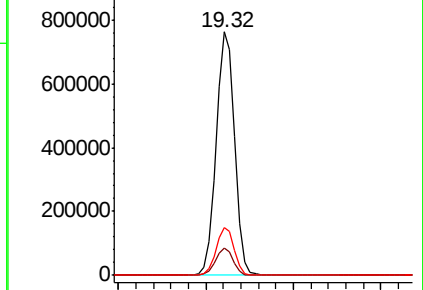
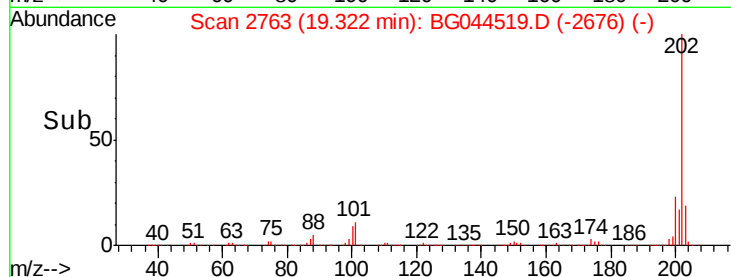
203 19.5 0.0 39.9



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: 21.51 min Scan# 3136

Delta R.T. -0.02 min

Lab File: BG044519.D

Acq: 20 Feb 2020 14:01

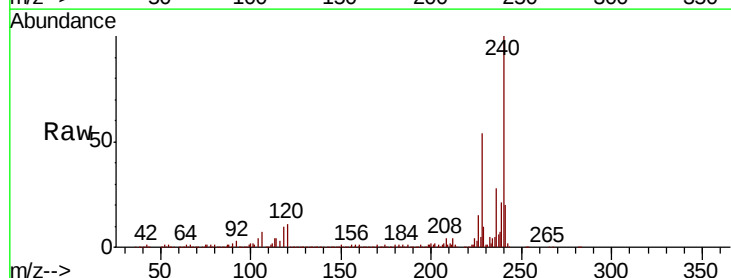
Tgt Ion:240 Resp: 374012

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 240 | 100   |       |       |
| 120 | 10.7  | 8.4   | 12.6  |
| 236 | 28.1  | 22.1  | 33.1  |

240 100

120 10.7 8.4 12.6

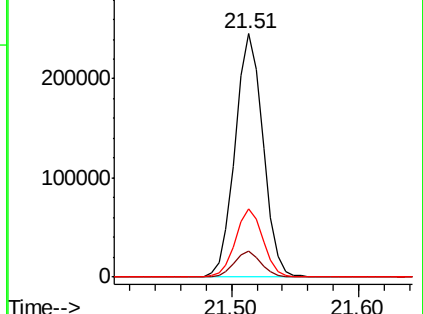
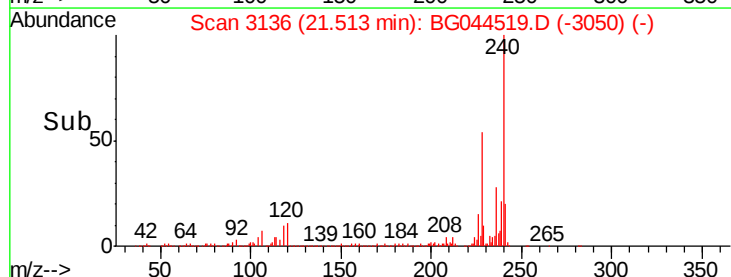
236 28.1 22.1 33.1

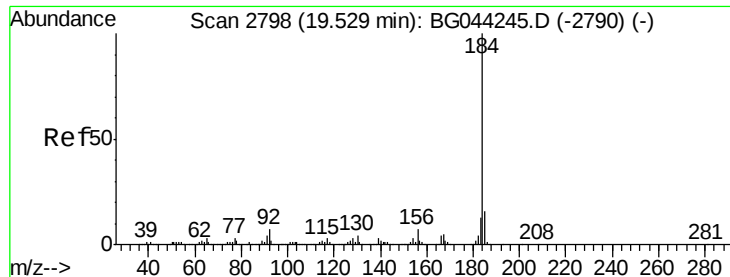


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 36.918 ng

RT: 19.50 min Scan# 2794

Delta R.T. -0.02 min

Lab File: BG044519.D

Acq: 20 Feb 2020 14:01

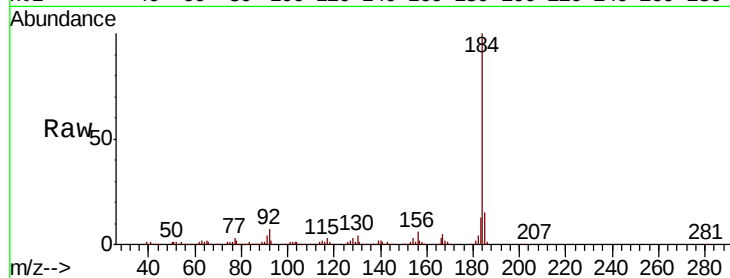
Instrument :

BNA\_G

ClientSampleId :

Tot Ion:184 Resp: 382992

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 184 | 100   |       |       |
| 185 | 14.8  | 12.9  | 19.3  |
| 183 | 13.1  | 10.8  | 16.2  |

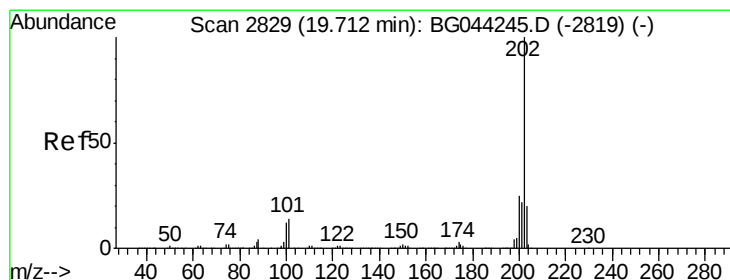
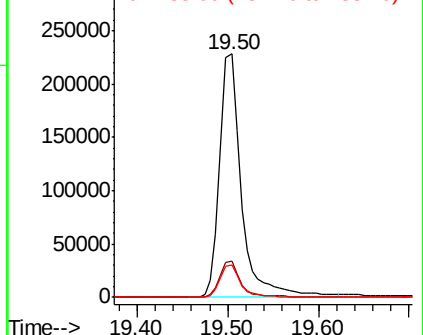
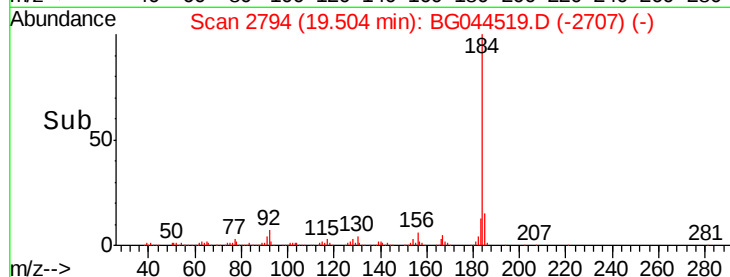


Abundance

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: 46.662 ng

RT: 19.69 min Scan# 2825

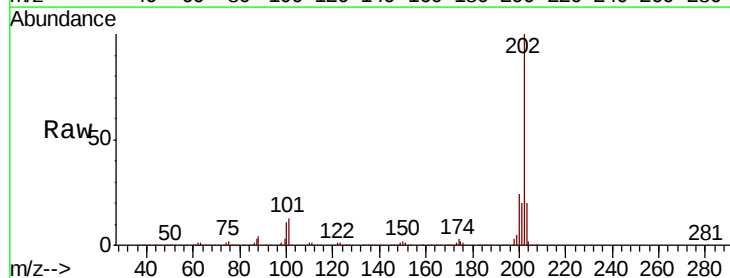
Delta R.T. -0.02 min

Lab File: BG044519.D

Acq: 20 Feb 2020 14:01

Tgt Ion:202 Resp: 1120784

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 202 | 100   |       |       |
| 200 | 23.9  | 20.0  | 30.0  |
| 203 | 19.9  | 16.2  | 24.2  |

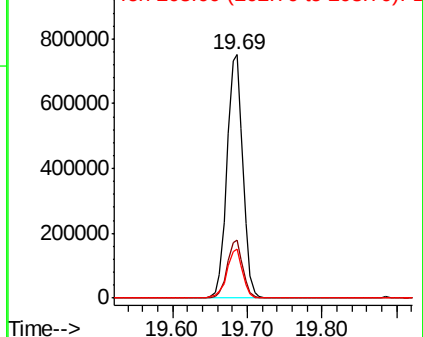
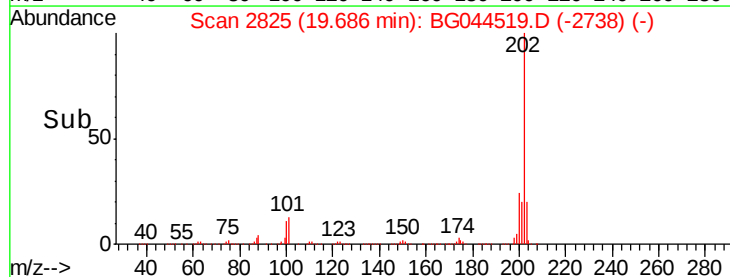


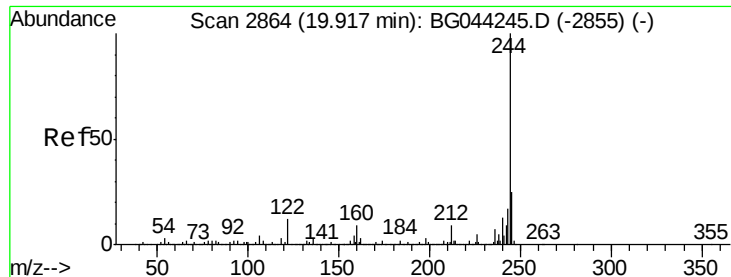
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 75.608 ng

RT: 19.89 min Scan# 2859

Delta R.T. -0.02 min

Lab File: BG044519.D

Acq: 20 Feb 2020 14:01

Instrument :

BNA\_G

ClientSampled :

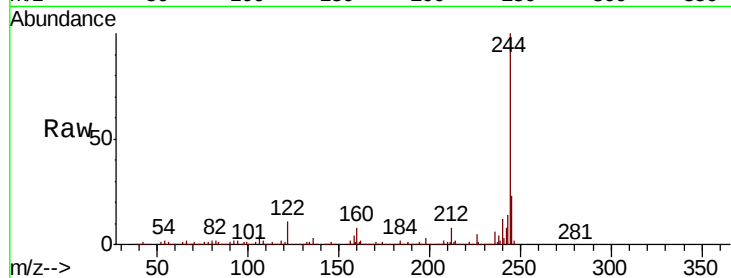
Tot Ion:244 Resp: 1374821

Ion Ratio Lower Upper

244 100

212 8.3 7.4 11.2

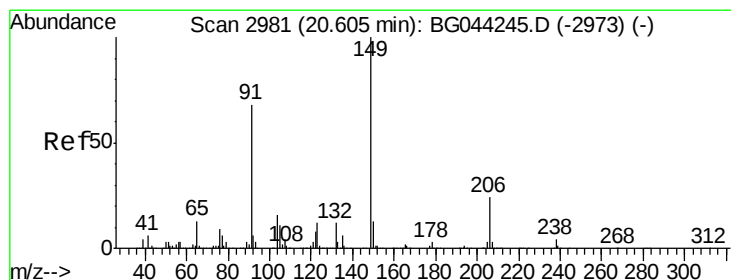
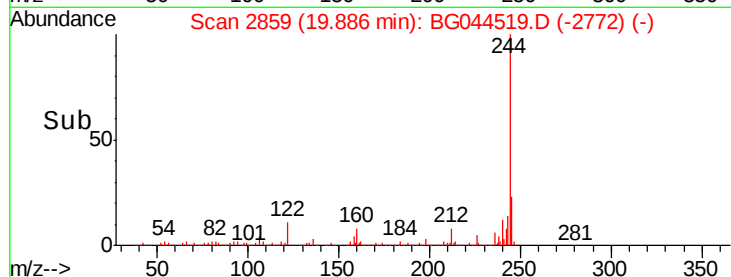
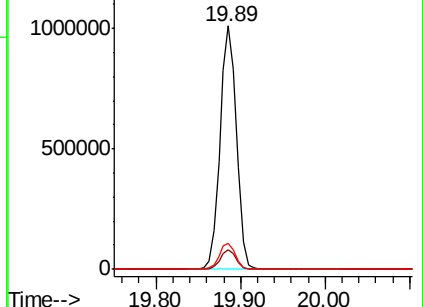
122 10.8 9.8 14.6



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: 44.480 ng

RT: 20.57 min Scan# 2976

Delta R.T. -0.02 min

Lab File: BG044519.D

Acq: 20 Feb 2020 14:01

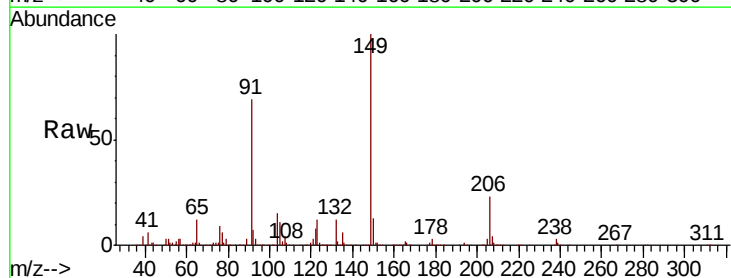
Tgt Ion:149 Resp: 486872

Ion Ratio Lower Upper

149 100

91 68.7 54.5 81.7

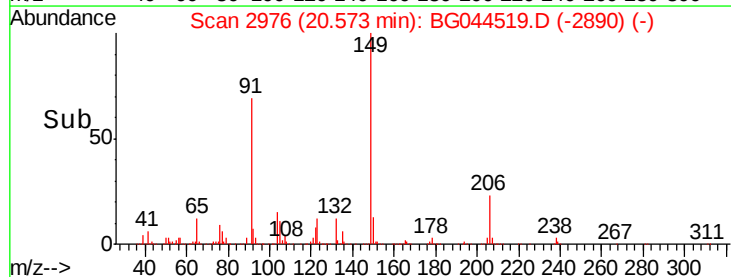
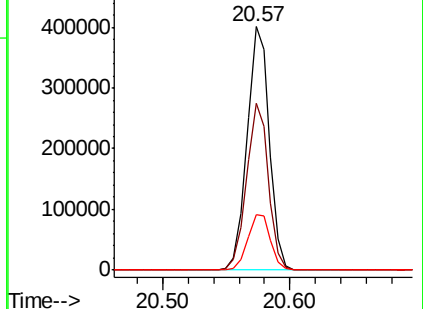
206 23.0 19.1 28.7

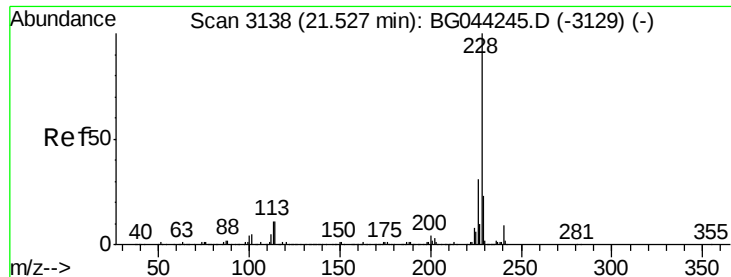


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

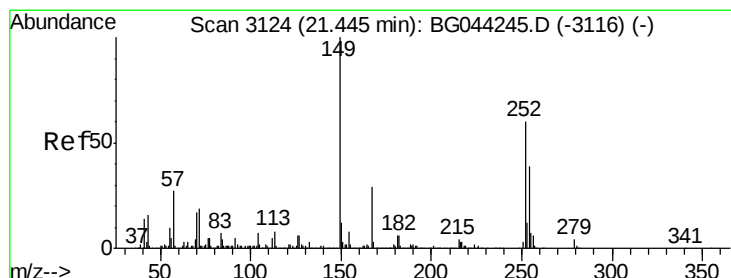
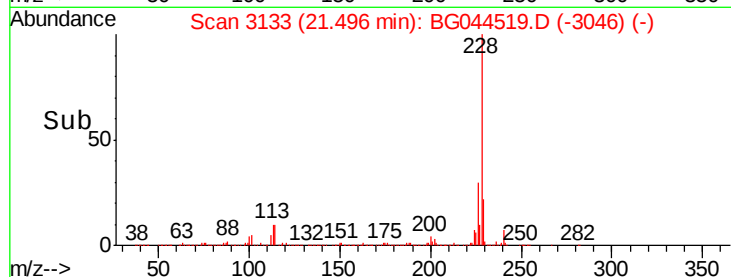
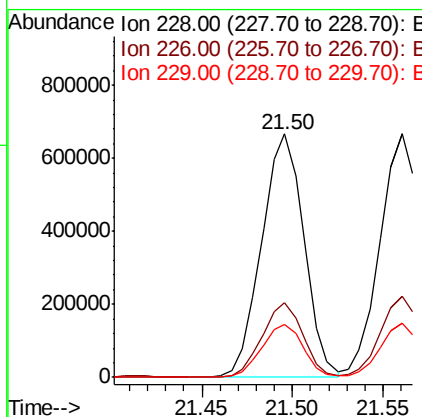
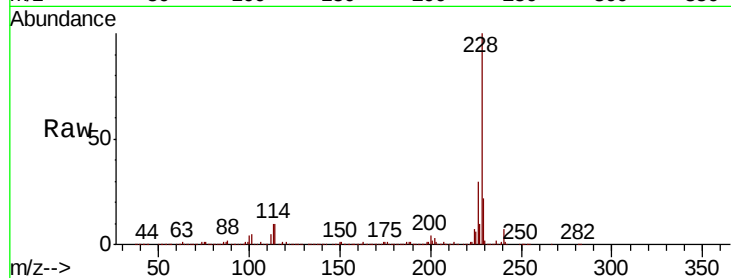




#81  
Benzo(a)anthracene  
Concen: 47.077 ng  
RT: 21.50 min Scan# 3133  
Delta R.T. -0.02 min  
Lab File: BG044519.D  
Acq: 20 Feb 2020 14:01

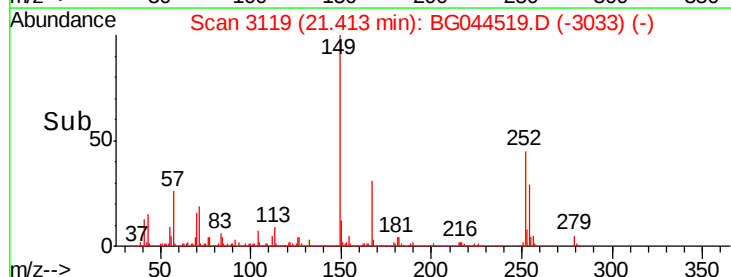
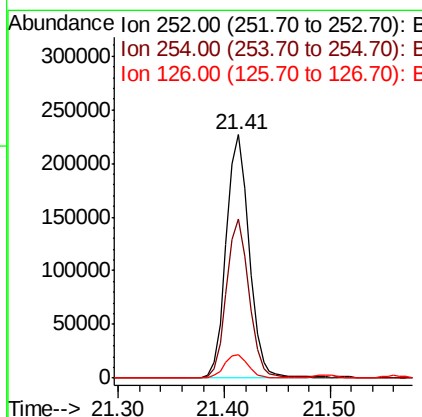
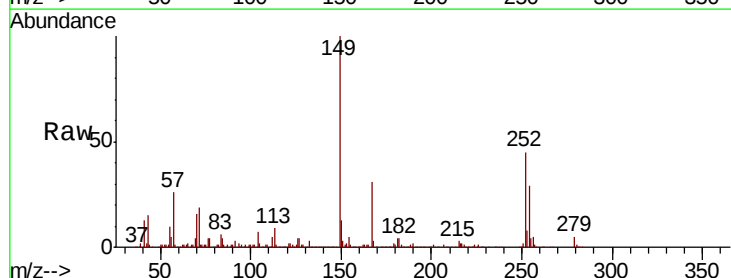
Instrument :  
BNA\_G  
ClientSampled :

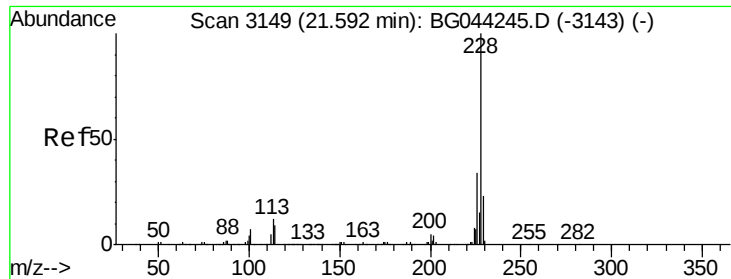
Tot Ion:228 Resp: 1085154  
Ion Ratio Lower Upper  
228 100  
226 30.4 24.7 37.1  
229 21.8 18.2 27.4



#82  
3,3'-Dichlorobenzidine  
Concen: 38.379 ng  
RT: 21.41 min Scan# 3119  
Delta R.T. -0.02 min  
Lab File: BG044519.D  
Acq: 20 Feb 2020 14:01

Tgt Ion:252 Resp: 343350  
Ion Ratio Lower Upper  
252 100  
254 65.5 52.6 78.8  
126 9.4 8.2 12.4

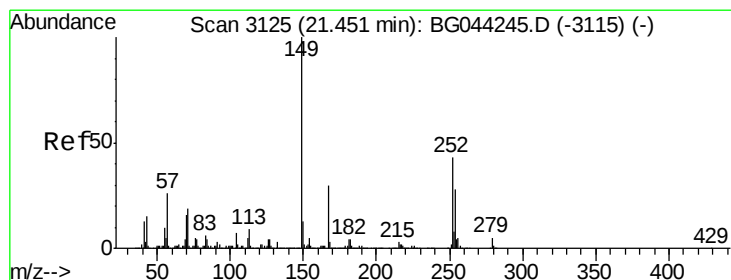
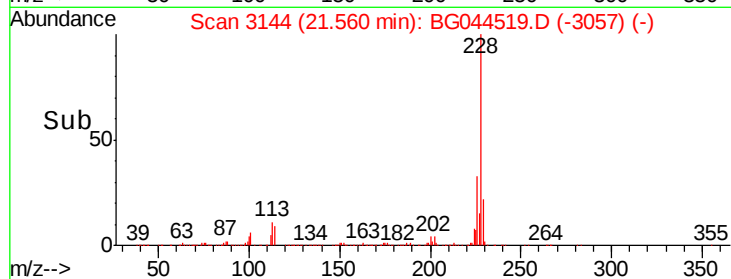
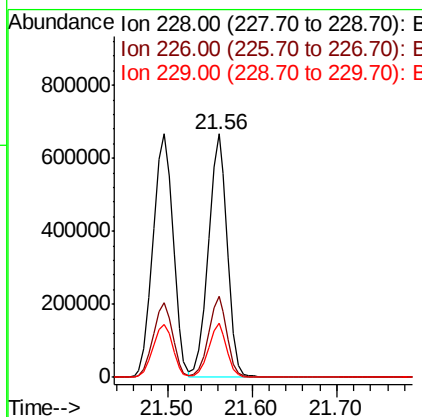
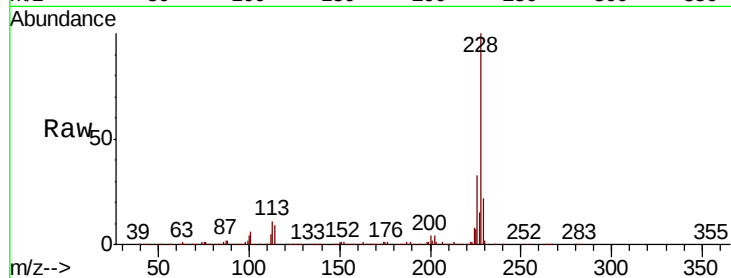




#83  
 Chrysene  
 Concen: 47.081 ng  
 RT: 21.56 min Scan# 3144  
 Delta R.T. -0.02 min  
 Lab File: BG044519.D  
 Acq: 20 Feb 2020 14:01

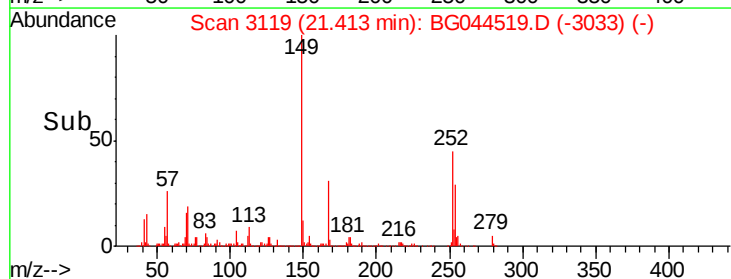
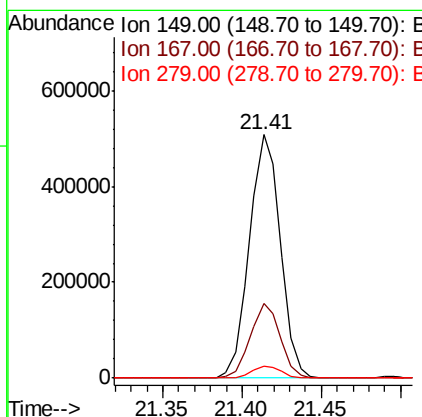
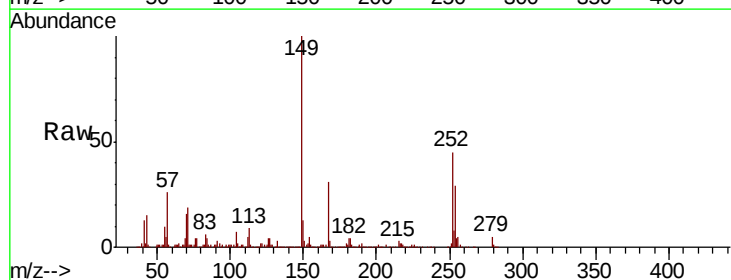
Instrument :  
 BNA\_G  
 ClientSampleId :

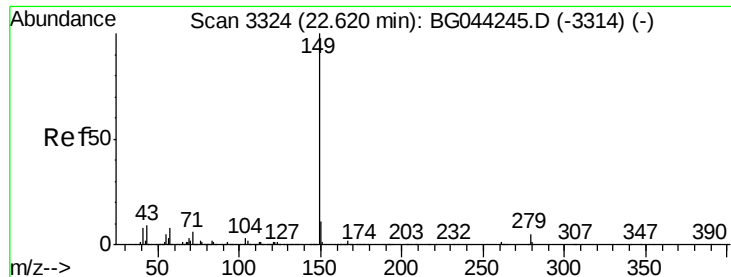
Tot Ion:228 Resp: 1048994  
 Ion Ratio Lower Upper  
 228 100  
 226 33.3 27.1 40.7  
 229 22.0 17.9 26.9



#84  
 Bis(2-ethylhexyl)phthalate  
 Concen: 45.575 ng  
 RT: 21.41 min Scan# 3119  
 Delta R.T. -0.02 min  
 Lab File: BG044519.D  
 Acq: 20 Feb 2020 14:01

Tgt Ion:149 Resp: 686635  
 Ion Ratio Lower Upper  
 149 100  
 167 30.5 24.0 36.0  
 279 4.7 3.8 5.8





#85

Di-n-octyl phthalate

Concen: 47.156 ng

RT: 22.58 min Scan# 3317

Delta R.T. -0.03 min

Lab File: BG044519.D

Acq: 20 Feb 2020 14:01

Instrument :

BNA\_G

ClientSampleId :

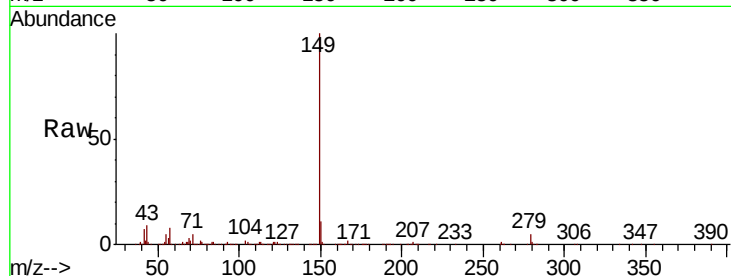
Tot Ion:149 Resp: 1229240

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

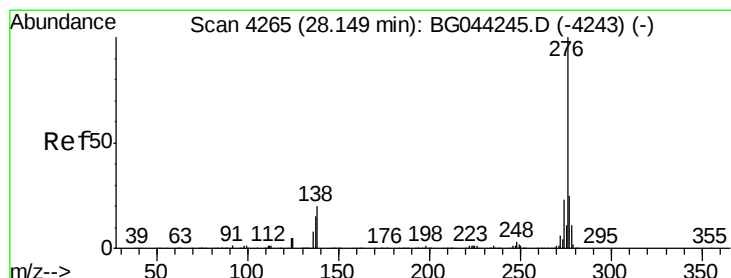
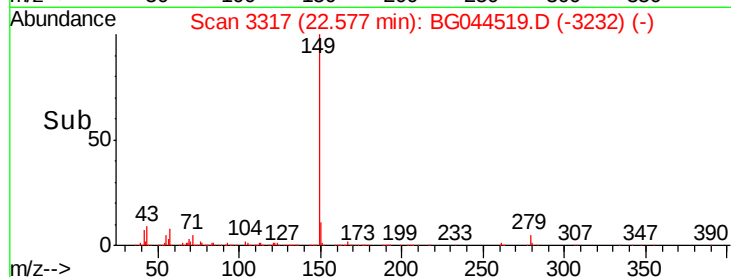
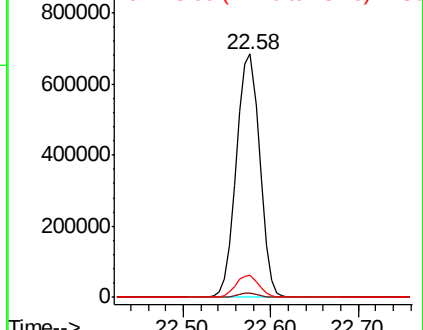
43 8.7 7.4 11.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 46.861 ng

RT: 28.07 min Scan# 4252

Delta R.T. -0.05 min

Lab File: BG044519.D

Acq: 20 Feb 2020 14:01

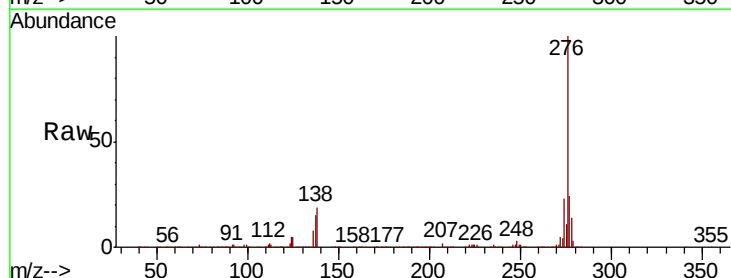
Tgt Ion:276 Resp: 1362174

Ion Ratio Lower Upper

276 100

138 23.4 19.4 29.0

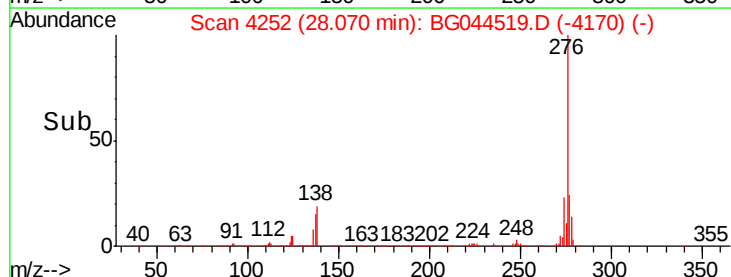
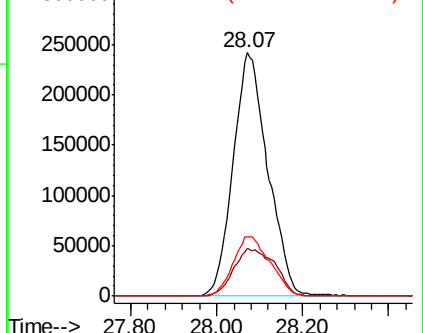
277 26.1 21.0 31.6

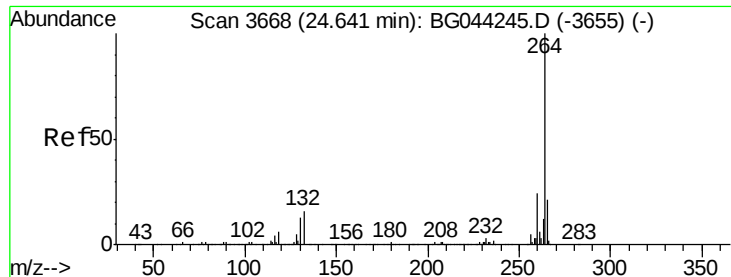


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



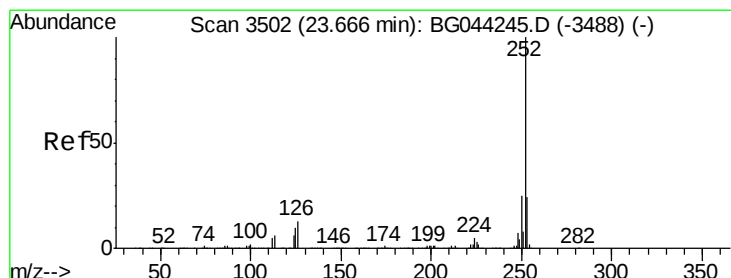
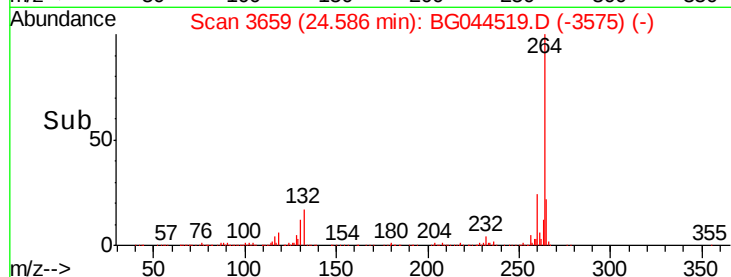
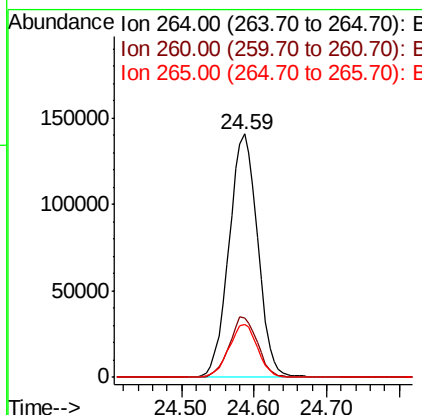
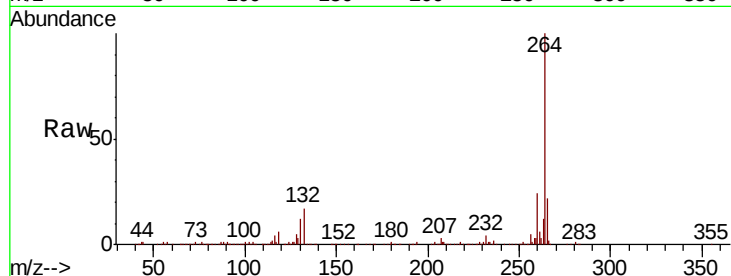


#87  
Pervlene-d12  
Concen: 20.000 ng  
RT: 24.59 min Scan# 3659  
Delta R.T. -0.03 min  
Lab File: BG044519.D  
Acq: 20 Feb 2020 14:01

Instrument :  
BNA\_G  
ClientSampleId :

Tot Ion:264 Resp: 386937  

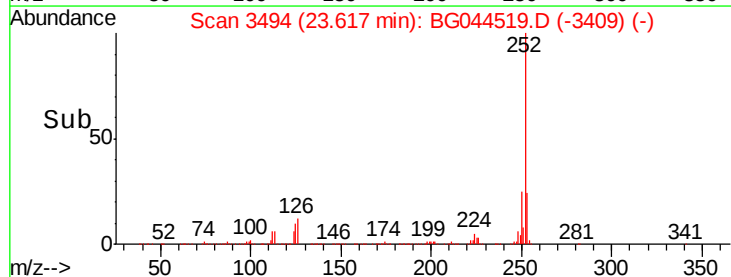
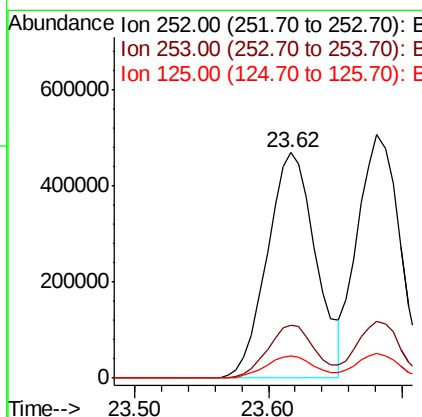
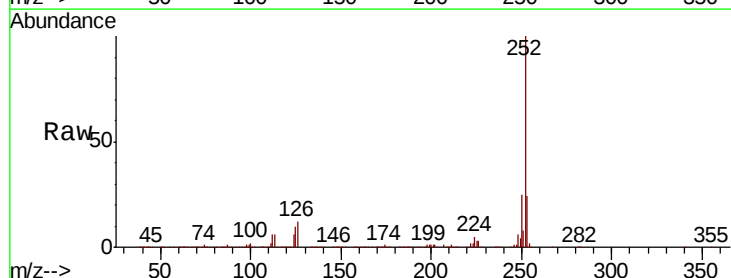
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 24.2  | 19.4  | 29.2  |
| 265 | 21.7  | 16.7  | 25.1  |

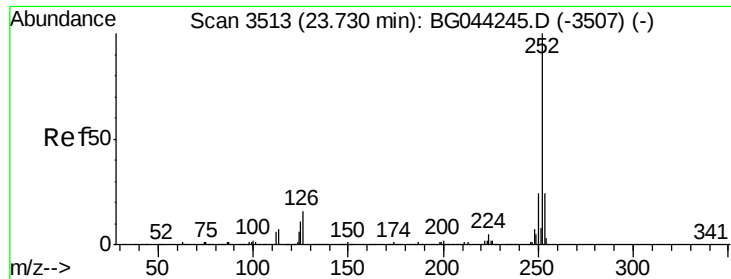


#88  
Benzo(b)fluoranthene  
Concen: 53.166 ng  
RT: 23.62 min Scan# 3494  
Delta R.T. -0.03 min  
Lab File: BG044519.D  
Acq: 20 Feb 2020 14:01

Tgt Ion:252 Resp: 1185430  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 23.6  | 19.2  | 28.8  |
| 125 | 9.9   | 8.4   | 12.6  |

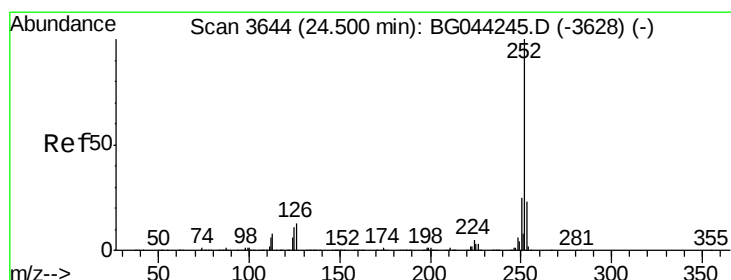
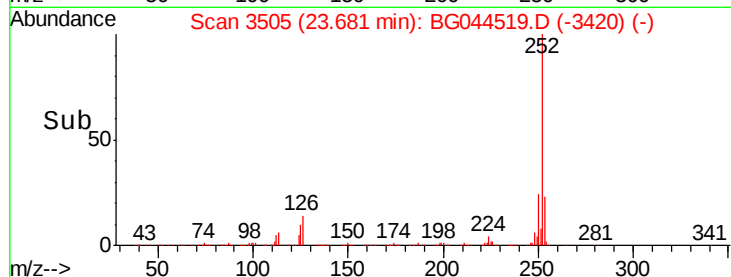
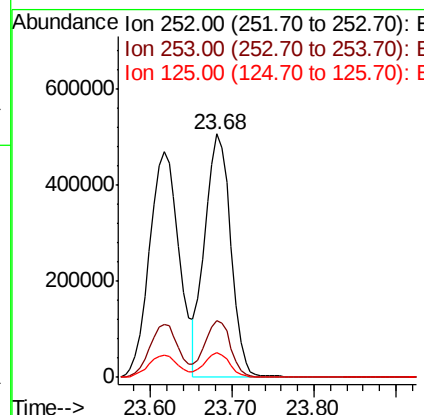
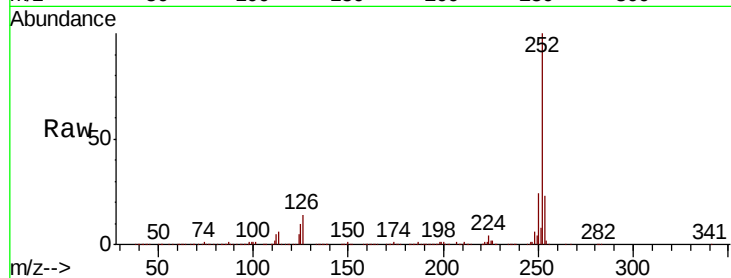




#89  
Benzo(k)fluoranthene  
Concen: 51.287 ng  
RT: 23.68 min Scan# 3505  
Delta R.T. -0.03 min  
Lab File: BG044519.D  
Acq: 20 Feb 2020 14:01

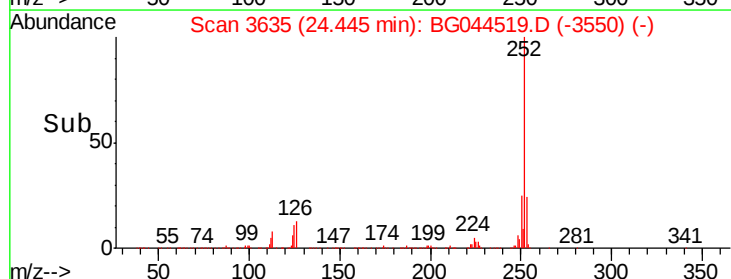
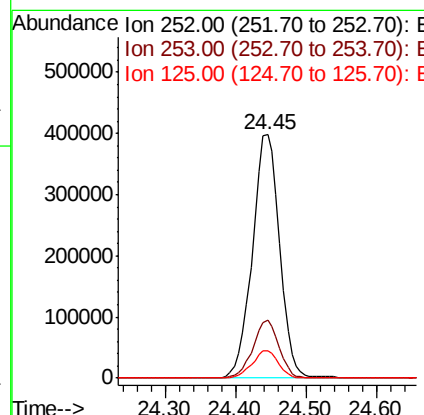
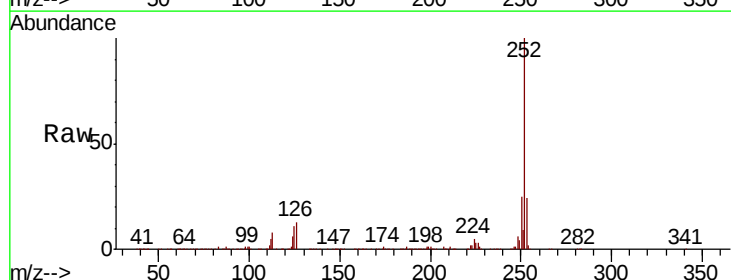
Instrument :  
BNA\_G  
ClientSampleId :

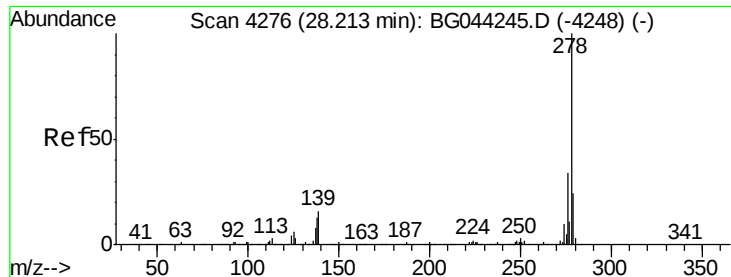
Tot Ion:252 Resp: 1114524  
Ion Ratio Lower Upper  
252 100  
253 23.4 19.1 28.7  
125 9.9 8.6 12.8



#90  
Benzo(a)pyrene  
Concen: 50.851 ng  
RT: 24.45 min Scan# 3635  
Delta R.T. -0.03 min  
Lab File: BG044519.D  
Acq: 20 Feb 2020 14:01

Tgt Ion:252 Resp: 1072003  
Ion Ratio Lower Upper  
252 100  
253 23.6 18.1 27.1  
125 11.1 8.6 13.0

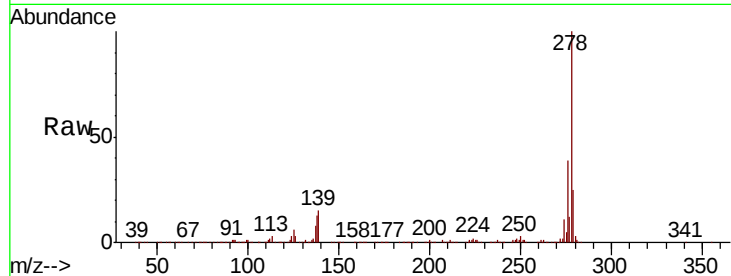




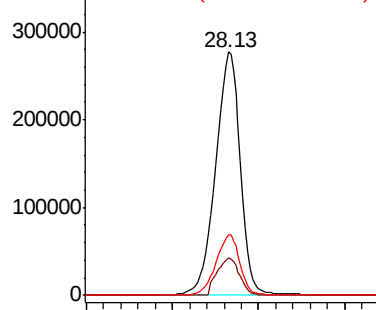
#91  
Dibenzo(a,h)anthracene  
Concen: 54.202 ng  
RT: 28.13 min Scan# 4262  
Delta R.T. -0.05 min  
Lab File: BG044519.D  
Acq: 20 Feb 2020 14:01

Instrument :  
BNA\_G  
ClientSampleId :

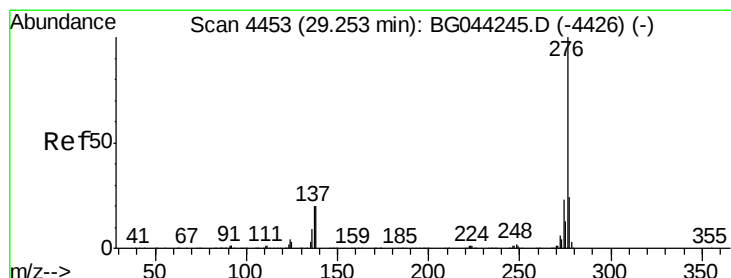
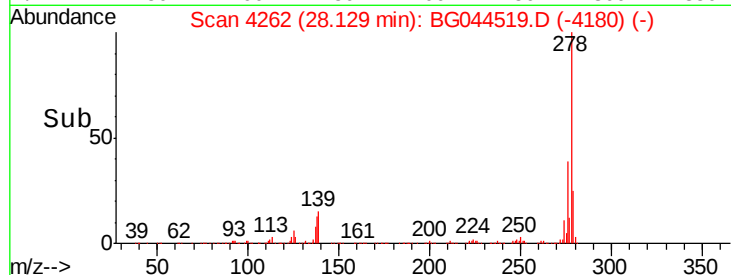
Tot Ion:278 Resp: 1130836  
Ion Ratio Lower Upper  
278 100  
139 15.2 12.7 19.1  
279 24.6 19.3 28.9



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

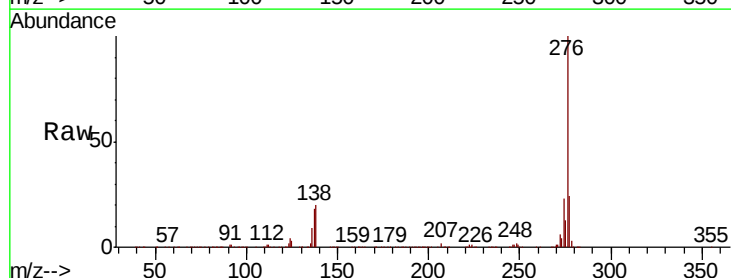


Time--> 27.80 28.00 28.20 28.40

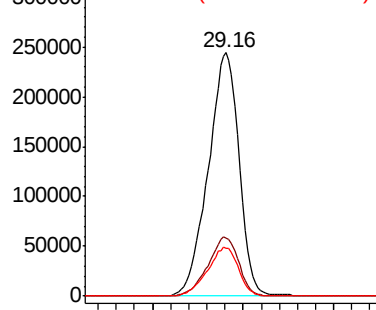


#92  
Benzo(g,h,i)perylene  
Concen: 55.048 ng  
RT: 29.16 min Scan# 4438  
Delta R.T. -0.04 min  
Lab File: BG044519.D  
Acq: 20 Feb 2020 14:01

Tgt Ion:276 Resp: 1149719  
Ion Ratio Lower Upper  
276 100  
277 23.7 18.8 28.2  
138 19.7 16.2 24.2



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



Time--> 29.00 29.20 29.40

