

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102119\  
 Data File : BG043297.D  
 Acq On : 21 Oct 2019 16:38  
 Operator : JU  
 Sample : SSTDICV040  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :

Quant Time: Oct 21 17:17:56 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Oct 21 16:37:43 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.02  | 152  | 37186    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.83 | 136  | 146008   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 14.66 | 164  | 110508   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 17.40 | 188  | 257246   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 21.67 | 240  | 281802   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 24.87 | 264  | 324016   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |         |       |    |      |
|--------------------------|-------|-----|---------|-------|----|------|
| 5) 2-Fluorophenol        | 5.60  | 112 | 168111  | 82.84 | ng | 0.00 |
| 7) Phenol-d6             | 7.20  | 99  | 239896  | 82.16 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 9.19  | 82  | 236862  | 83.63 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 16.14 | 330 | 175357  | 83.39 | ng | 0.00 |
| 45) 2-Fluorobiphenyl     | 13.28 | 172 | 657171  | 82.17 | ng | 0.00 |
| 79) Terphenyl-d14        | 20.01 | 244 | 1273412 | 84.78 | ng | 0.00 |

## Target Compounds

|                                |       |     |        |        |    | Qvalue |
|--------------------------------|-------|-----|--------|--------|----|--------|
| 2) 1,4-Dioxane                 | 3.49  | 88  | 31309  | 39.591 | ng | 95     |
| 3) Pyridine                    | 3.89  | 79  | 89310  | 44.770 | ng | 97     |
| 4) n-Nitrosodimethylamine      | 3.80  | 42  | 41348  | 41.076 | ng | # 99   |
| 6) Aniline                     | 7.35  | 93  | 137555 | 40.898 | ng | 95     |
| 8) 2-Chlorophenol              | 7.59  | 128 | 91497  | 40.845 | ng | 99     |
| 9) Benzaldehyde                | 7.17  | 77  | 58783  | 40.968 | ng | # 81   |
| 10) Phenol                     | 7.22  | 94  | 109583 | 41.073 | ng | 96     |
| 11) bis(2-Chloroethyl)ether    | 7.44  | 93  | 81221  | 39.375 | ng | 97     |
| 12) 1,3-Dichlorobenzene        | 7.92  | 146 | 112173 | 39.966 | ng | 95     |
| 13) 1,4-Dichlorobenzene        | 8.06  | 146 | 115572 | 40.699 | ng | 99     |
| 14) 1,2-Dichlorobenzene        | 8.38  | 146 | 106767 | 38.507 | ng | 95     |
| 15) Benzyl Alcohol             | 8.27  | 79  | 84798  | 41.355 | ng | 98     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.56  | 45  | 119755 | 39.926 | ng | 96     |
| 17) 2-Methylphenol             | 8.48  | 107 | 78190  | 40.201 | ng | 95     |
| 18) Hexachloroethane           | 9.11  | 117 | 40724  | 39.749 | ng | 93     |
| 19) n-Nitroso-di-n-propylamine | 8.83  | 70  | 76590  | 40.596 | ng | 94     |
| 20) 3+4-Methylphenols          | 8.80  | 107 | 104138 | 39.046 | ng | 91     |
| 22) Acetophenone               | 8.85  | 105 | 157846 | 42.215 | ng | # 97   |
| 24) Nitrobenzene               | 9.23  | 77  | 109375 | 40.541 | ng | 96     |
| 25) Isophorone                 | 9.75  | 82  | 216675 | 41.846 | ng | 98     |
| 26) 2-Nitrophenol              | 9.94  | 139 | 54935  | 42.177 | ng | 97     |
| 27) 2,4-Dimethylphenol         | 10.01 | 122 | 77428  | 41.476 | ng | 90     |
| 28) bis(2-Chloroethoxy)methane | 10.23 | 93  | 117495 | 41.114 | ng | 97     |
| 29) 2,4-Dichlorophenol         | 10.48 | 162 | 100367 | 41.961 | ng | 92     |
| 30) 1,2,4-Trichlorobenzene     | 10.69 | 180 | 124291 | 41.228 | ng | 96     |
| 31) Naphthalene                | 10.88 | 128 | 306772 | 41.393 | ng | 98     |
| 32) Benzoic acid               | 10.16 | 122 | 50864  | 38.005 | ng | 91     |
| 33) 4-Chloroaniline            | 10.99 | 127 | 127191 | 41.867 | ng | 99     |
| 34) Hexachlorobutadiene        | 11.17 | 225 | 90959  | 40.816 | ng | 95     |
| 35) Caprolactam                | 11.77 | 113 | 36290  | 44.053 | ng | # 87   |
| 36) 4-Chloro-3-methylphenol    | 12.12 | 107 | 107667 | 41.266 | ng | 96     |
| 37) 2-Methylnaphthalene        | 12.49 | 142 | 237870 | 41.830 | ng | 98     |
| 38) 1-Methylnaphthalene        | 12.71 | 142 | 223879 | 41.378 | ng | 96     |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.85 | 216 | 167810 | 41.032 | ng | 98     |

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102119\  
 Data File : BG043297.D  
 Acq On : 21 Oct 2019 16:38  
 Operator : JU  
 Sample : SSTDICV040  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

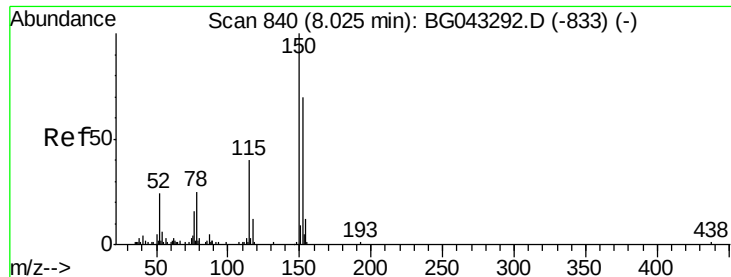
Instrument :  
 BNA\_G  
 ClientSampleId :

Quant Time: Oct 21 17:17:56 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Oct 21 16:37:43 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 12.84 | 237  | 84972    | 39.552 | nq    | 99       |
| 43) 2,4,6-Trichlorophenol      | 13.09 | 196  | 98203    | 40.774 | nq    | 96       |
| 44) 2,4,5-Trichlorophenol      | 13.18 | 196  | 103590   | 42.543 | nq    | 99       |
| 46) 1,1'-Biphenyl              | 13.49 | 154  | 345690   | 41.120 | nq    | 99       |
| 47) 2-Chloronaphthalene        | 13.53 | 162  | 260799   | 40.772 | nq    | 100      |
| 48) 2-Nitroaniline             | 13.74 | 65   | 79558    | 41.614 | nq    | 96       |
| 49) Acenaphthylene             | 14.38 | 152  | 414183   | 41.604 | nq    | 97       |
| 50) Dimethylphthalate          | 14.11 | 163  | 355716   | 41.557 | nq    | 99       |
| 51) 2,6-Dinitrotoluene         | 14.23 | 165  | 76264    | 41.012 | nq    | 99       |
| 52) Acenaphthene               | 14.72 | 154  | 249715   | 41.132 | nq    | 98       |
| 53) 3-Nitroaniline             | 14.56 | 138  | 76545    | 42.635 | nq    | 93       |
| 54) 2,4-Dinitrophenol          | 14.77 | 184  | 42185    | 40.304 | nq    | 91       |
| 55) Dibenzofuran               | 15.06 | 168  | 397677   | 40.393 | nq    | 99       |
| 56) 4-Nitrophenol              | 14.89 | 139  | 49567    | 41.198 | nq    | 91       |
| 57) 2,4-Dinitrotoluene         | 15.01 | 165  | 108375   | 40.780 | nq    | 99       |
| 58) Fluorene                   | 15.70 | 166  | 335178   | 40.591 | nq    | 97       |
| 59) 2,3,4,6-Tetrachlorophenol  | 15.29 | 232  | 107981   | 41.740 | nq    | # 100    |
| 60) Diethylphthalate           | 15.47 | 149  | 352291   | 40.961 | nq    | 96       |
| 61) 4-Chlorophenyl-phenylether | 15.69 | 204  | 197962   | 41.096 | nq    | 94       |
| 62) 4-Nitroaniline             | 15.73 | 138  | 79999    | 43.146 | nq    | 94       |
| 63) Azobenzene                 | 15.98 | 77   | 289618   | 41.608 | nq    | 96       |
| 65) 4,6-Dinitro-2-methylphenol | 15.78 | 198  | 64773    | 42.786 | nq    | 94       |
| 66) n-Nitrosodiphenylamine     | 15.91 | 169  | 295283   | 40.657 | nq    | 99       |
| 67) 4-Bromophenyl-phenylether  | 16.59 | 248  | 141370   | 40.835 | nq    | 99       |
| 68) Hexachlorobenzene          | 16.71 | 284  | 160621   | 40.419 | nq    | 98       |
| 69) Atrazine                   | 16.85 | 200  | 101019   | 40.029 | nq    | 94       |
| 70) Pentachlorophenol          | 17.06 | 266  | 76842    | 42.437 | nq    | 99       |
| 71) Phenanthrene               | 17.44 | 178  | 543635   | 41.269 | nq    | 99       |
| 72) Anthracene                 | 17.54 | 178  | 540267   | 40.992 | nq    | 99       |
| 73) Carbazole                  | 17.81 | 167  | 498982   | 41.807 | nq    | 99       |
| 74) Di-n-butylphthalate        | 18.36 | 149  | 603351   | 41.663 | nq    | 100      |
| 75) Fluoranthene               | 19.45 | 202  | 715610   | 41.670 | nq    | 99       |
| 77) Benzidine                  | 19.64 | 184  | 212826   | 37.526 | nq    | 100      |
| 78) Pyrene                     | 19.82 | 202  | 733678   | 42.061 | nq    | 99       |
| 80) Butylbenzylphthalate       | 20.70 | 149  | 273387   | 41.369 | nq    | 98       |
| 81) Benzo(a)anthracene         | 21.65 | 228  | 737523   | 41.782 | nq    | 100      |
| 82) 3,3'-Dichlorobenzidine     | 21.57 | 252  | 285119   | 41.761 | nq    | 100      |
| 83) Chrysene                   | 21.72 | 228  | 731015   | 41.681 | nq    | 99       |
| 84) Bis(2-ethylhexyl)phthalate | 21.55 | 149  | 387678   | 41.297 | nq    | 100      |
| 85) Di-n-octyl phthalate       | 22.76 | 149  | 656177   | 41.200 | nq    | 99       |
| 86) Indeno(1,2,3-cd)pyrene     | 28.52 | 276  | 909300   | 41.303 | nq    | 99       |
| 88) Benzo(b)fluoranthene       | 23.86 | 252  | 778594   | 42.427 | nq    | 97       |
| 89) Benzo(k)fluoranthene       | 23.93 | 252  | 770390   | 41.701 | nq    | 98       |
| 90) Benzo(a)pyrene             | 24.73 | 252  | 731584   | 41.747 | nq    | 99       |
| 91) Dibenzo(a,h)anthracene     | 28.59 | 278  | 746182   | 41.629 | nq    | 99       |
| 92) Benzo(g,h,i)perylene       | 29.66 | 276  | 736043   | 41.629 | nq    | 100      |

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



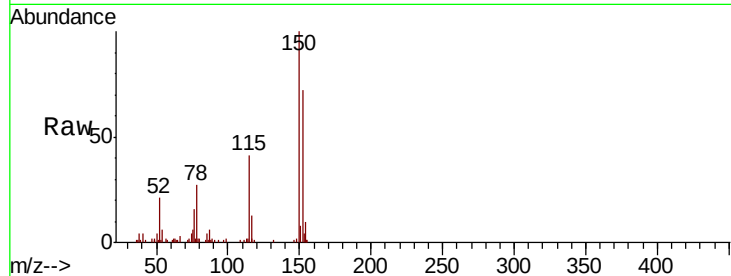


#1

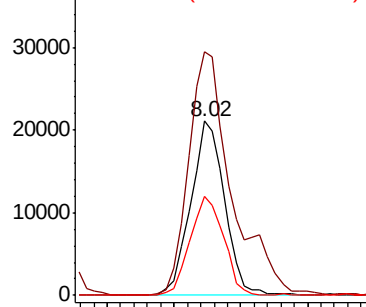
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.02 min Scan# 840  
Delta R.T. -0.00 min  
Lab File: BG043297.D  
Acq: 21 Oct 2019 16:38

Instrument :  
BNA\_G  
ClientSampleId :

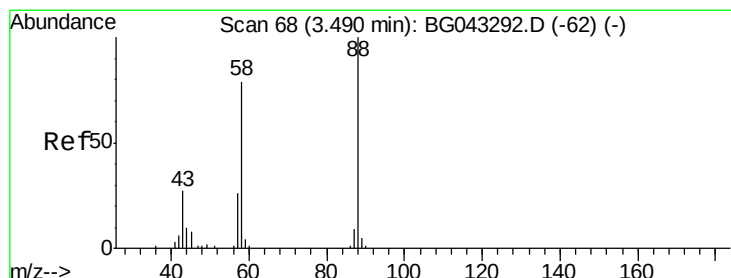
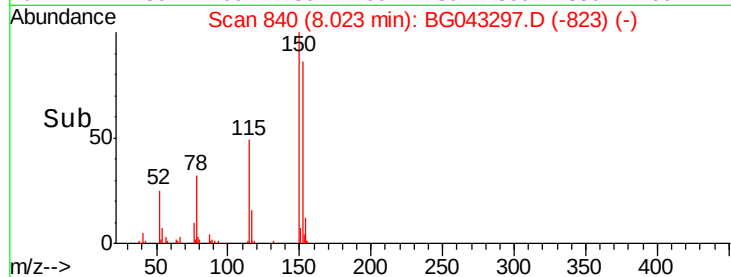
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 139.7 | 113.6 | 170.4 |
| 115     | 56.8  | 45.9  | 68.9  |



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



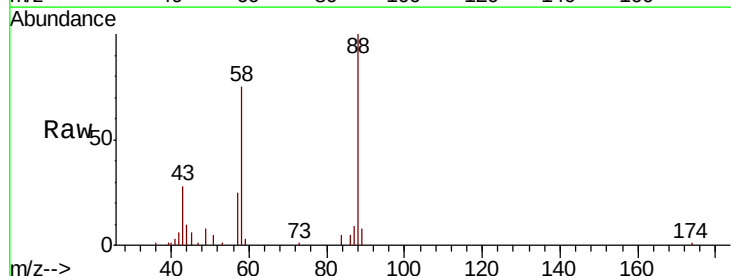
Time-->



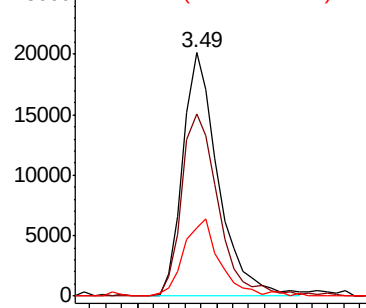
#2

1,4-Dioxane  
Concen: 39.591 ng  
RT: 3.49 min Scan# 68  
Delta R.T. -0.00 min  
Lab File: BG043297.D  
Acq: 21 Oct 2019 16:38

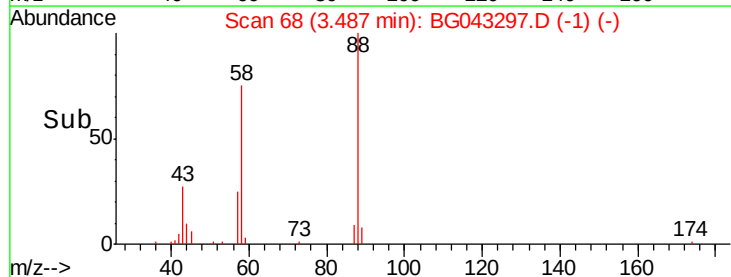
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 78.0  | 60.2  | 90.2  |
| 43      | 32.5  | 22.7  | 34.1  |

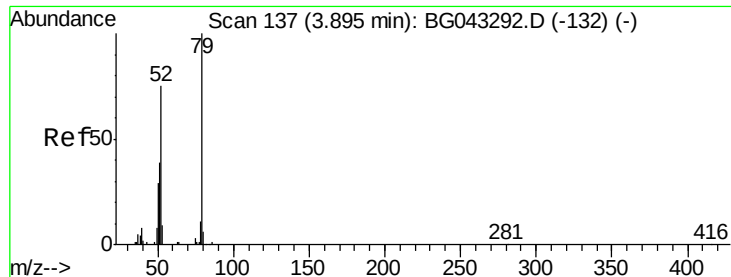


Abundance Ion 88.00 (87.70 to 88.70): BGC  
Ion 58.00 (57.70 to 58.70): BGC  
Ion 43.00 (42.70 to 43.70): BGC



Time-->





#3

Pvridine

Concen: 44.770 ng

RT: 3.89 min Scan# 137

Delta R.T. -0.00 min

Lab File: BG043297.D

Acq: 21 Oct 2019 16:38

Instrument :

BNA\_G

ClientSampleId :

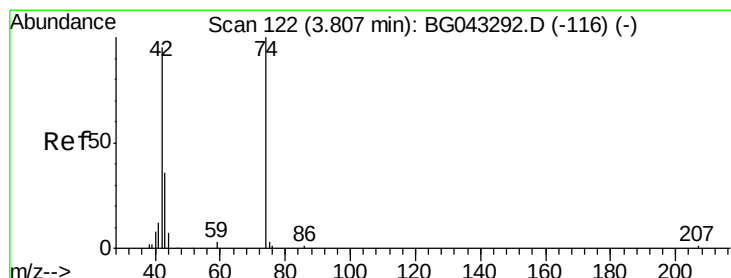
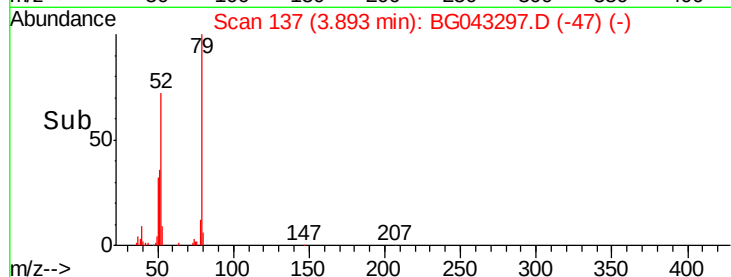
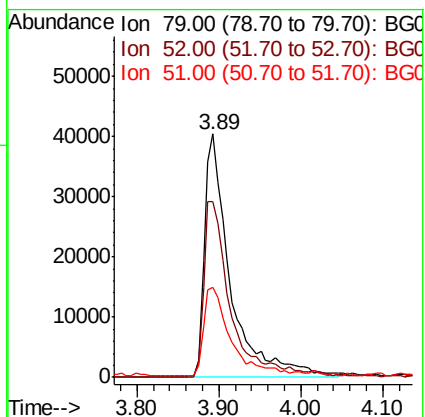
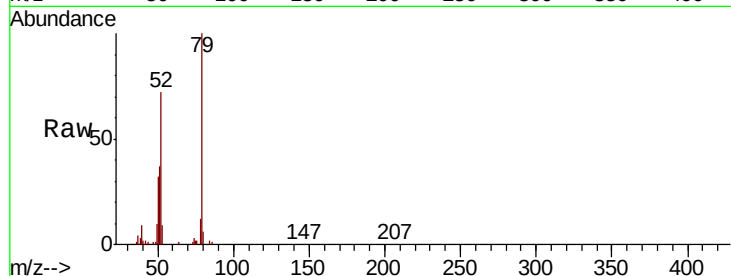
Tot Ion: 79 Resp: 89310

Ion Ratio Lower Upper

79 100

52 72.2 59.7 89.5

51 37.2 31.8 47.6



#4

n-Nitrosodimethylamine

Concen: 41.076 ng

RT: 3.80 min Scan# 122

Delta R.T. -0.00 min

Lab File: BG043297.D

Acq: 21 Oct 2019 16:38

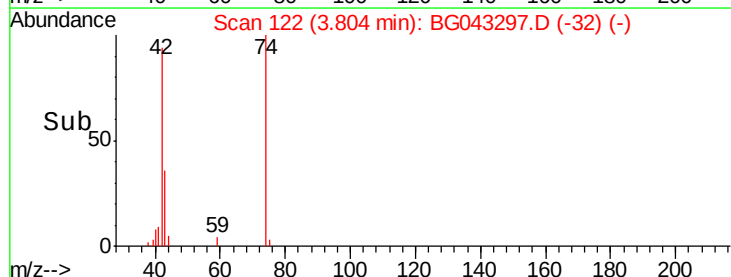
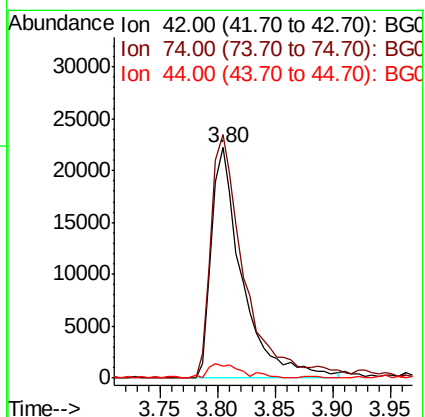
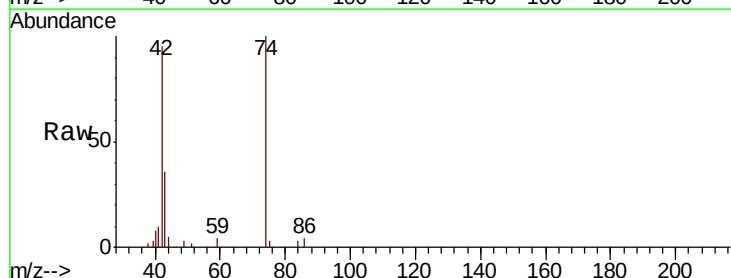
Tgt Ion: 42 Resp: 41348

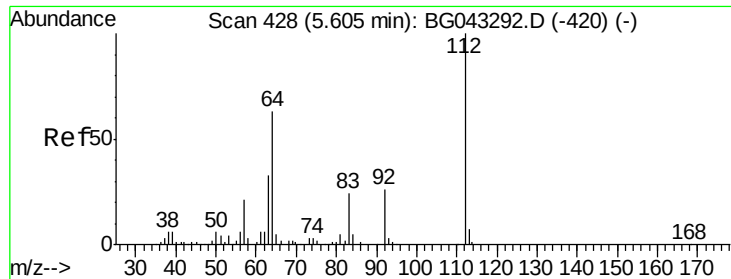
Ion Ratio Lower Upper

42 100

74 105.7 84.2 126.2

44 5.0 6.0 9.0#





#5

2-Fluorophenol

Concen: 82.842 ng

RT: 5.60 min Scan# 428

Delta R.T. -0.00 min

Lab File: BG043297.D

Acq: 21 Oct 2019 16:38

Instrument :

BNA\_G

ClientSampled :

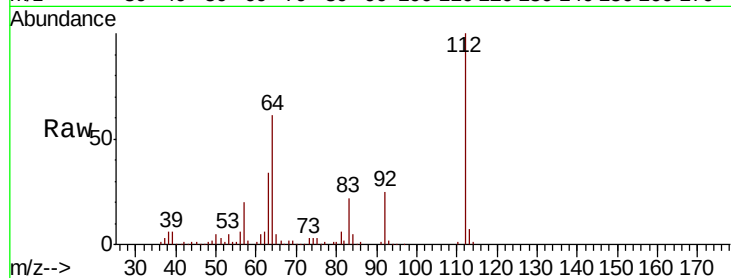
Tot Ion:112 Resp: 168111

Ion Ratio Lower Upper

112 100

64 61.4 50.2 75.2

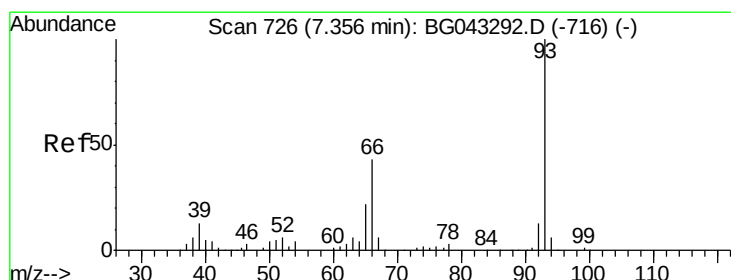
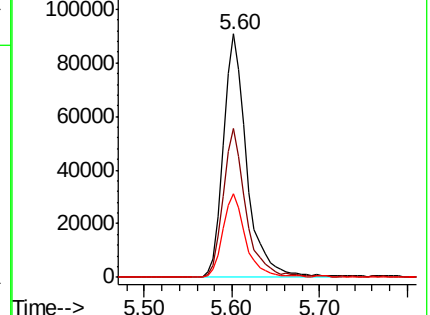
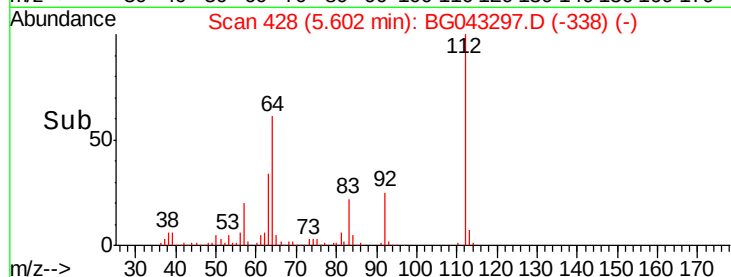
63 34.2 26.7 40.1



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: 40.898 ng

RT: 7.35 min Scan# 726

Delta R.T. -0.00 min

Lab File: BG043297.D

Acq: 21 Oct 2019 16:38

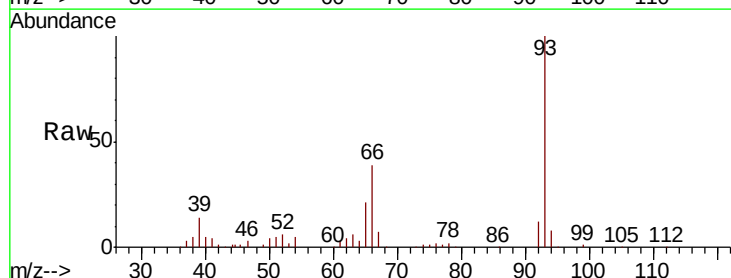
Tgt Ion: 93 Resp: 137555

Ion Ratio Lower Upper

93 100

66 39.4 34.5 51.7

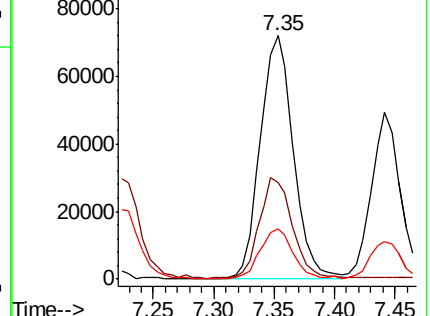
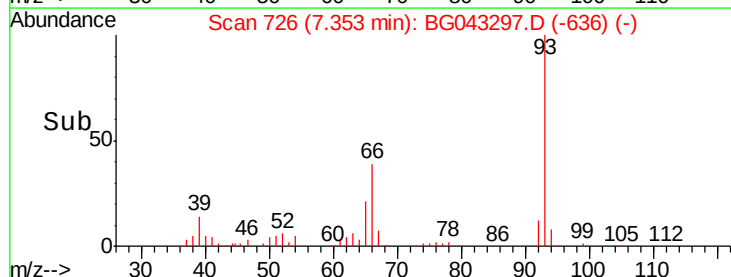
65 20.9 18.0 27.0

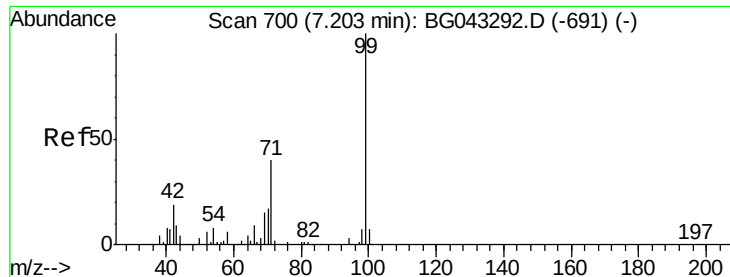


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 82.165 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.00 min

Lab File: BG043297.D

Acq: 21 Oct 2019 16:38

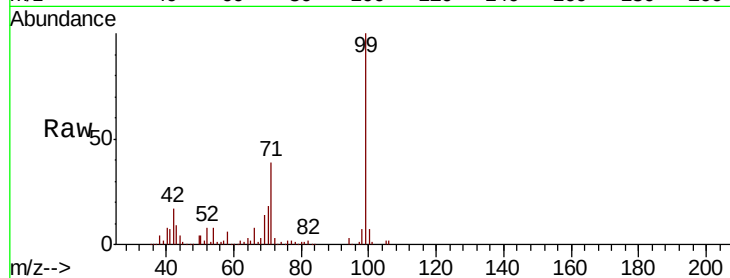
Instrument :

BNA\_G

ClientSampleId :

Tot Ion: 99 Resp: 239896

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 17.4  | 14.9  | 22.3  |
| 71  | 38.8  | 32.2  | 48.2  |

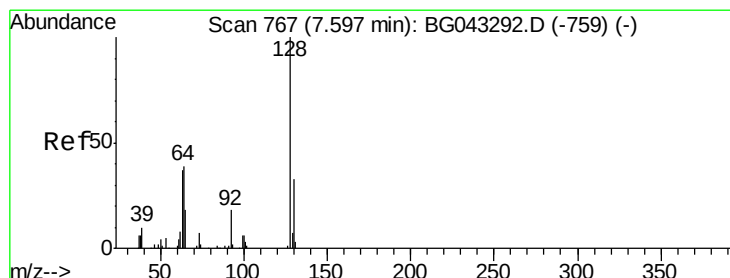
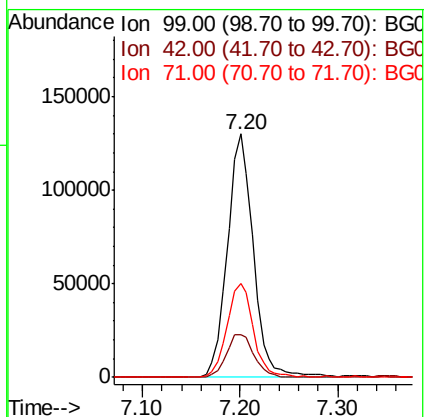
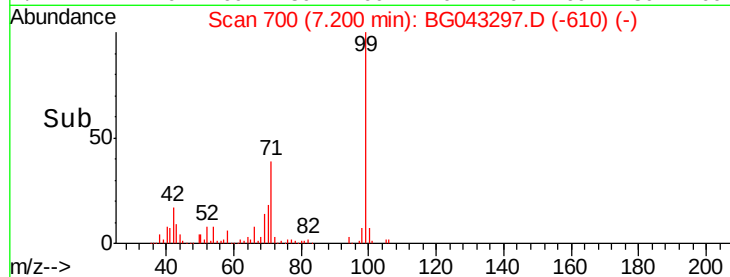


Abundance

Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 40.845 ng

RT: 7.59 min Scan# 767

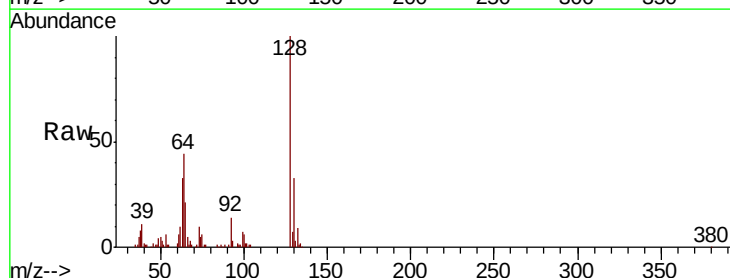
Delta R.T. -0.00 min

Lab File: BG043297.D

Acq: 21 Oct 2019 16:38

Tgt Ion:128 Resp: 91497

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100   |       |       |
| 130 | 32.7  | 12.9  | 52.9  |
| 64  | 44.3  | 24.9  | 64.9  |

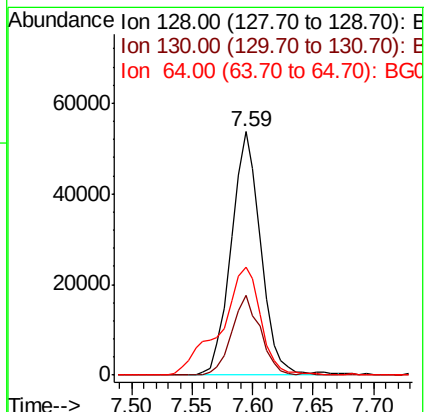
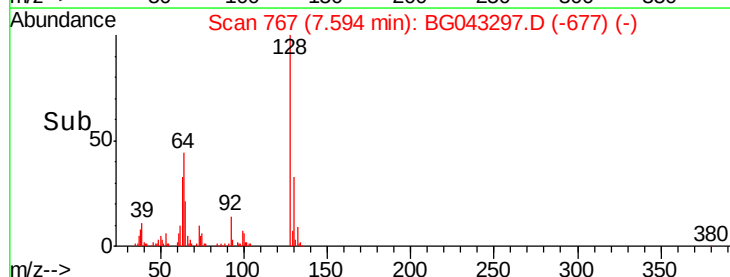


Abundance

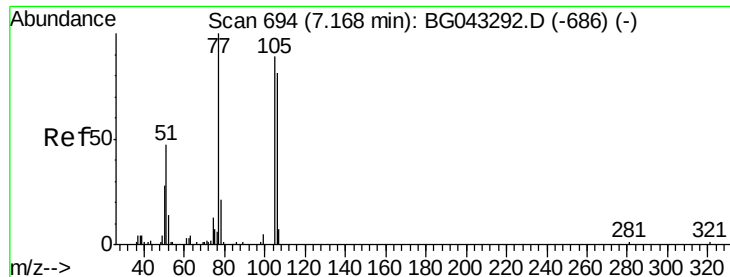
Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BGC







#9

Benzaldehyde

Concen: 40.968 ng

RT: 7.17 min Scan# 694

Delta R.T. -0.00 min

Lab File: BG043297.D

Acq: 21 Oct 2019 16:38

Instrument :

BNA\_G

ClientSampleId :

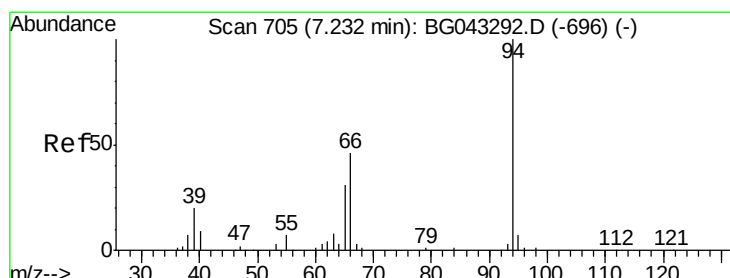
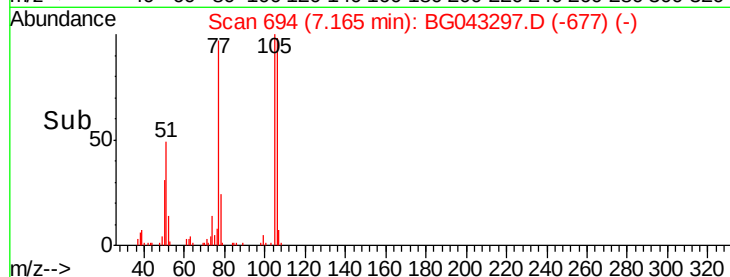
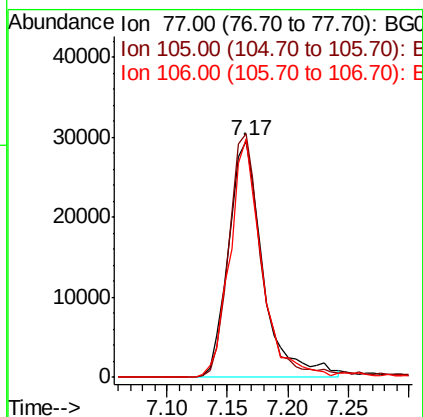
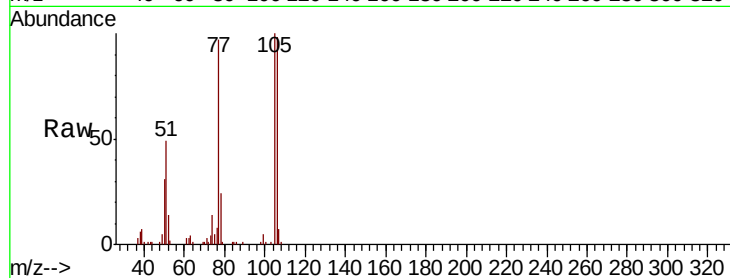
Tot Ion: 77 Resp: 58783

Ion Ratio Lower Upper

77 100

105 103.1 68.7 108.7

106 101.2 60.5 100.5#



#10

Phenol

Concen: 41.073 ng

RT: 7.22 min Scan# 704

Delta R.T. -0.01 min

Lab File: BG043297.D

Acq: 21 Oct 2019 16:38

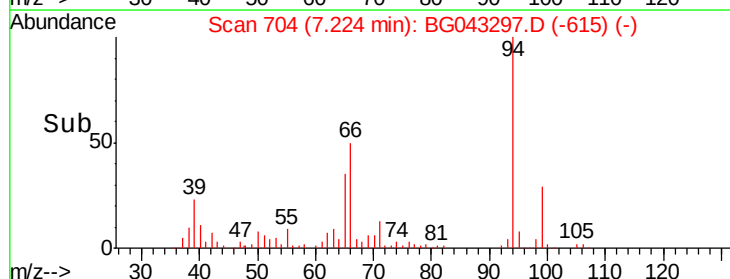
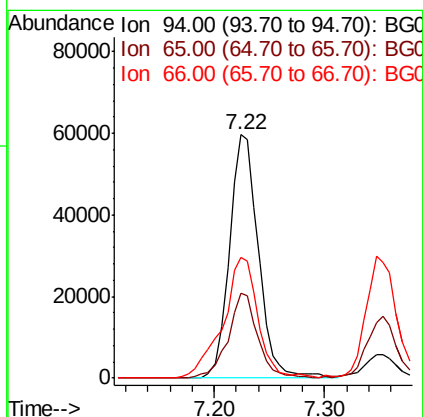
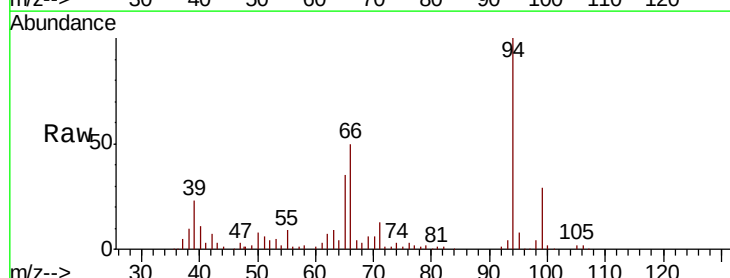
Tgt Ion: 94 Resp: 109583

Ion Ratio Lower Upper

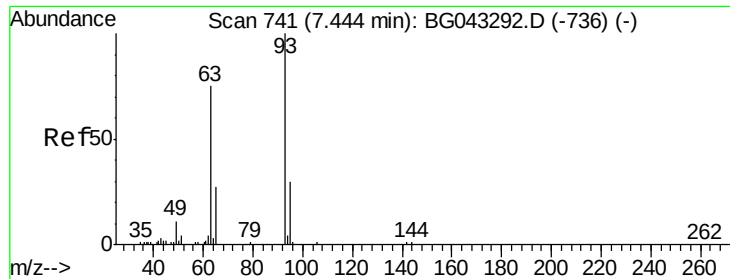
94 100

65 34.6 11.1 51.1

66 49.6 27.8 67.8



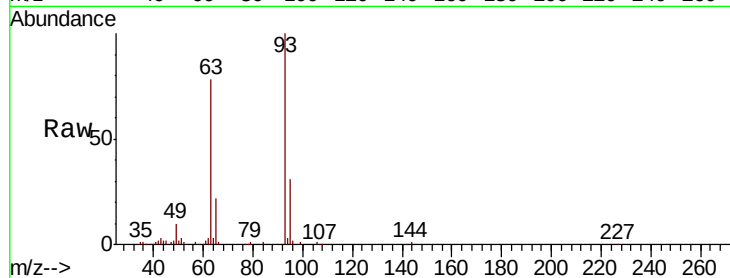




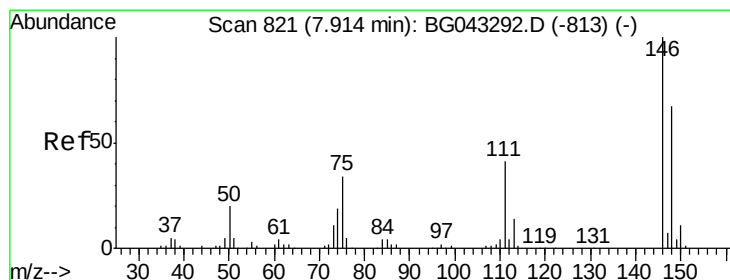
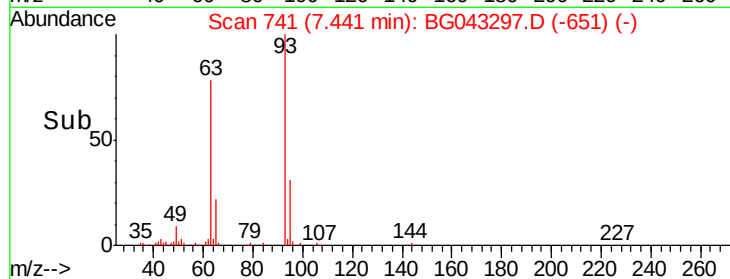
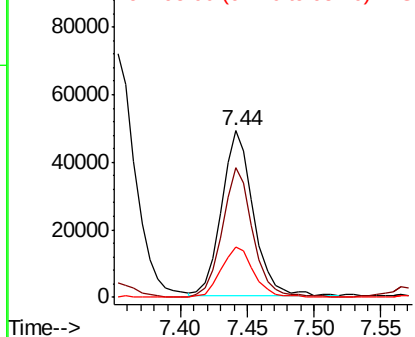
#11  
bis(2-Chloroethyl)ether  
Concen: 39.375 ng  
RT: 7.44 min Scan# 741  
Delta R.T. -0.00 min  
Lab File: BG043297.D  
Acq: 21 Oct 2019 16:38

Instrument :  
BNA\_G  
ClientSampleId :

Tot Ion: 93 Resp: 81221  
Ion Ratio Lower Upper  
93 100  
63 77.8 54.6 94.6  
95 30.5 9.7 49.7

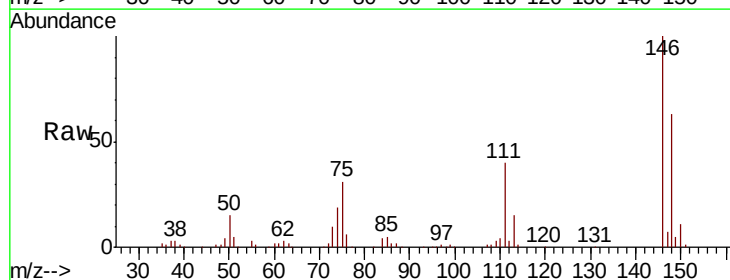


Abundance Ion 93.00 (92.70 to 93.70): BGC  
Ion 63.00 (62.70 to 63.70): BGC  
Ion 95.00 (94.70 to 95.70): BGC

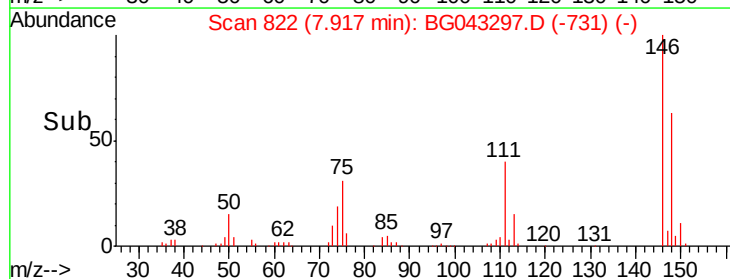
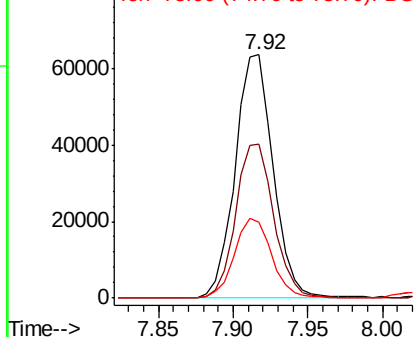


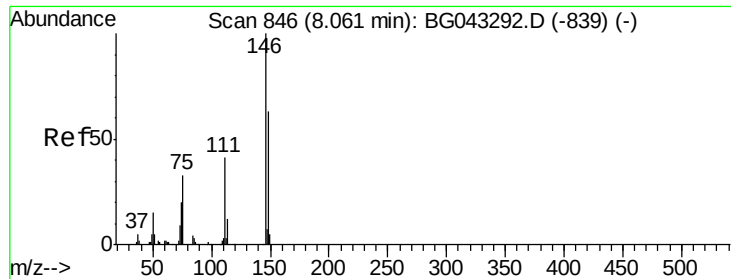
#12  
1,3-Dichlorobenzene  
Concen: 39.966 ng  
RT: 7.92 min Scan# 822  
Delta R.T. 0.00 min  
Lab File: BG043297.D  
Acq: 21 Oct 2019 16:38

Tgt Ion: 146 Resp: 112173  
Ion Ratio Lower Upper  
146 100  
148 63.1 53.4 80.2  
75 31.0 27.0 40.4



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

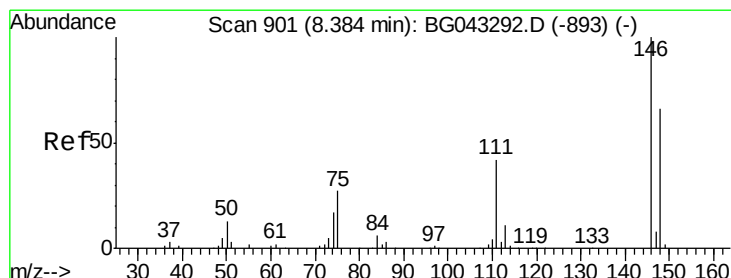
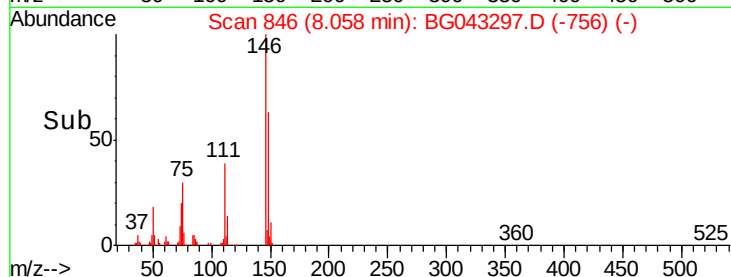
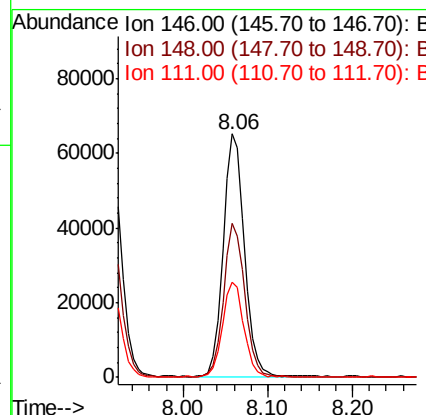
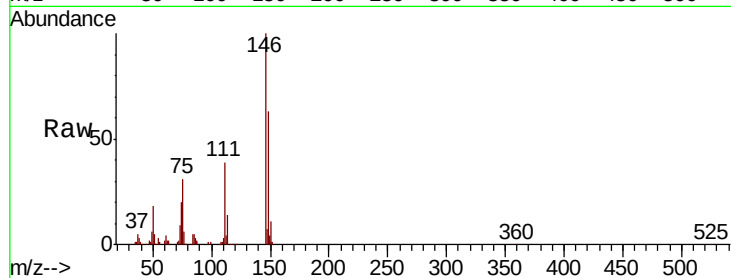




#13  
 1,4-Dichlorobenzene  
 Concen: 40.699 ng  
 RT: 8.06 min Scan# 846  
 Delta R.T. -0.00 min  
 Lab File: BG043297.D  
 Acq: 21 Oct 2019 16:38

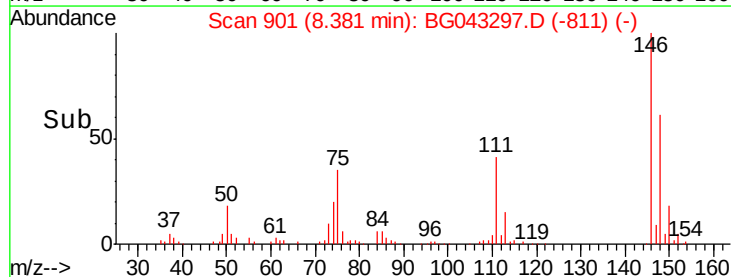
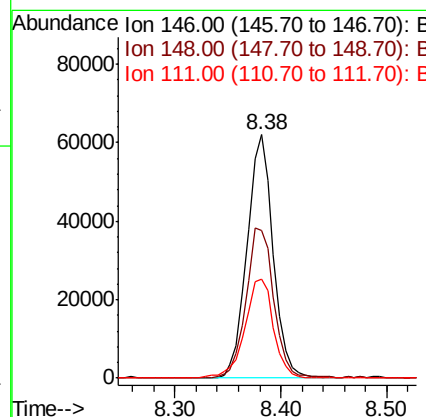
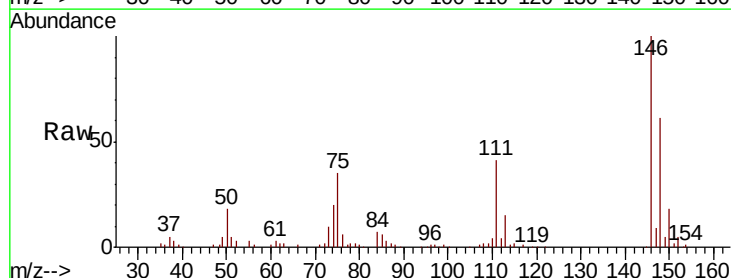
Instrument :  
 BNA\_G  
 ClientSampleId :

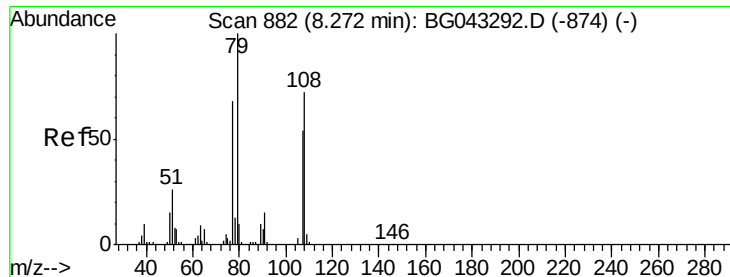
Tot Ion:146 Resp: 115572  
 Ion Ratio Lower Upper  
 146 100  
 148 63.4 50.7 76.1  
 111 39.1 33.0 49.6



#14  
 1,2-Dichlorobenzene  
 Concen: 38.507 ng  
 RT: 8.38 min Scan# 901  
 Delta R.T. -0.00 min  
 Lab File: BG043297.D  
 Acq: 21 Oct 2019 16:38

Tgt Ion:146 Resp: 106767  
 Ion Ratio Lower Upper  
 146 100  
 148 60.9 53.0 79.4  
 111 40.8 34.5 51.7





#15

Benzyl Alcohol

Concen: 41.355 ng

RT: 8.27 min Scan# 882

Delta R.T. -0.00 min

Lab File: BG043297.D

Acq: 21 Oct 2019 16:38

Instrument :

BNA\_G

ClientSampleId :

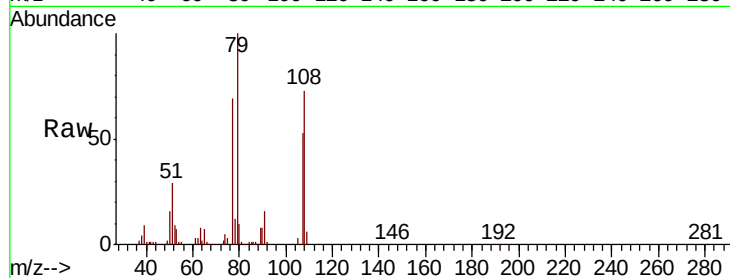
Tot Ion: 79 Resp: 84798

Ion Ratio Lower Upper

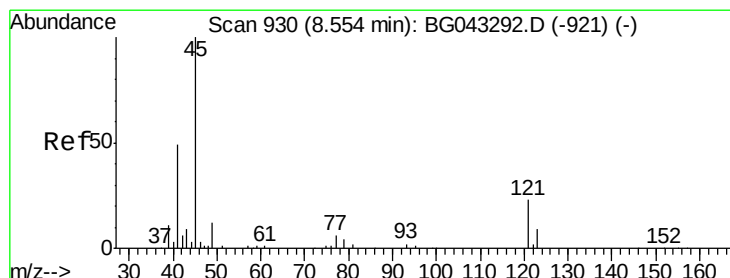
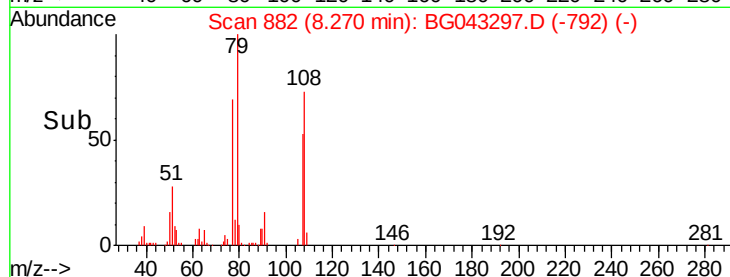
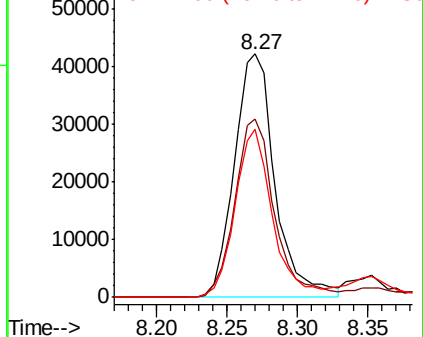
79 100

108 73.1 57.3 85.9

77 69.2 54.6 81.8



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.926 ng

RT: 8.56 min Scan# 931

Delta R.T. 0.00 min

Lab File: BG043297.D

Acq: 21 Oct 2019 16:38

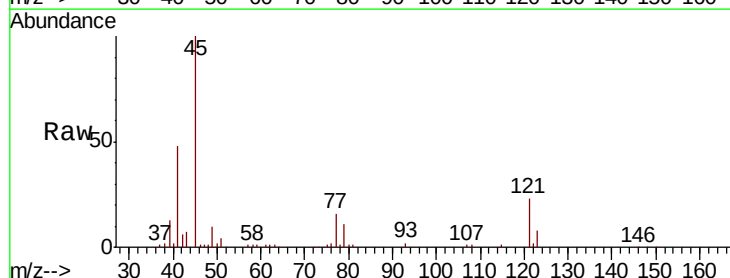
Tgt Ion: 45 Resp: 119755

Ion Ratio Lower Upper

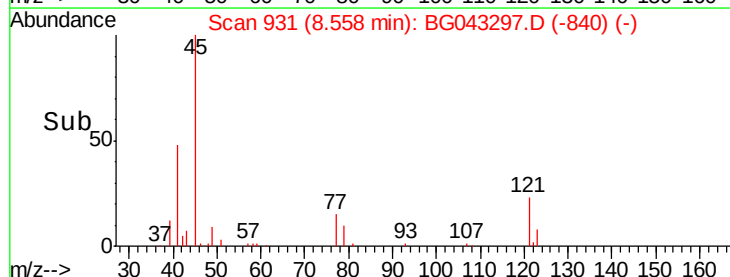
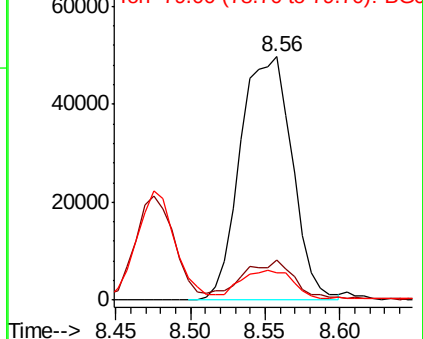
45 100

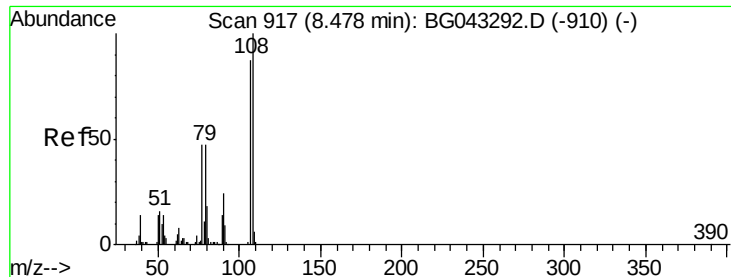
77 16.3 0.0 34.2

79 11.2 0.0 32.3



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





#17

2-Methylphenol

Concen: 40.201 ng

RT: 8.48 min Scan# 917

Delta R.T. -0.00 min

Lab File: BG043297.D

Acq: 21 Oct 2019 16:38

Instrument :

BNA\_G

ClientSampleId :

Tot Ion:107 Resp: 78190

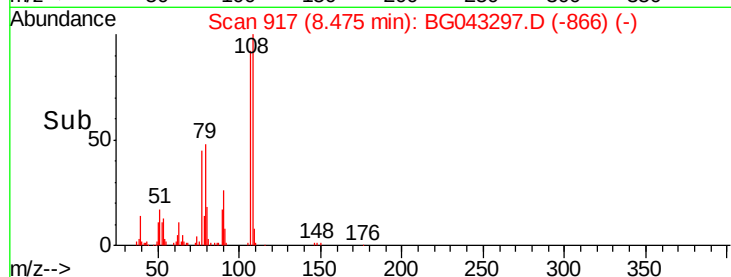
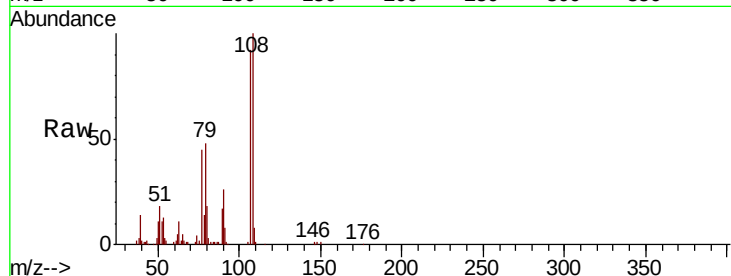
Ion Ratio Lower Upper

107 100

108 108.3 91.3 136.9

77 48.8 43.0 64.6

79 51.5 43.4 65.2

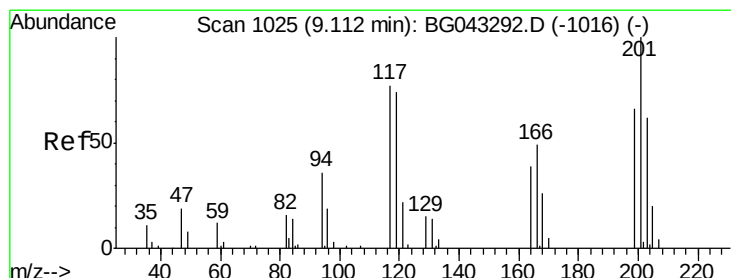
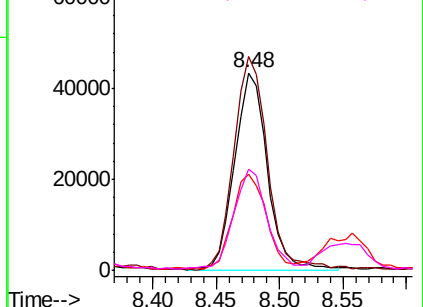


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 39.749 ng

RT: 9.11 min Scan# 1025

Delta R.T. -0.00 min

Lab File: BG043297.D

Acq: 21 Oct 2019 16:38

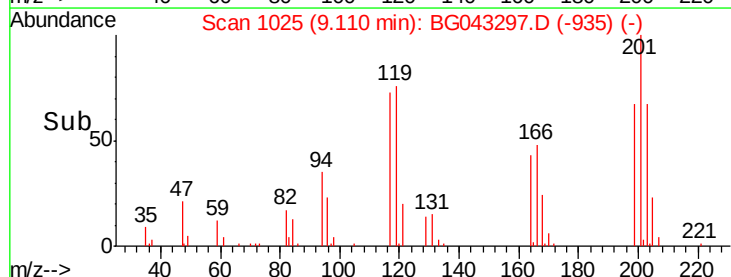
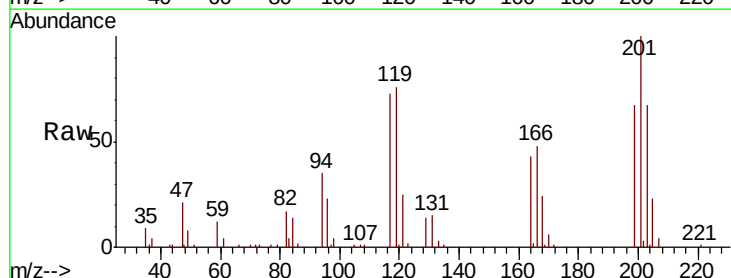
Tgt Ion:117 Resp: 40724

Ion Ratio Lower Upper

117 100

119 105.1 77.3 115.9

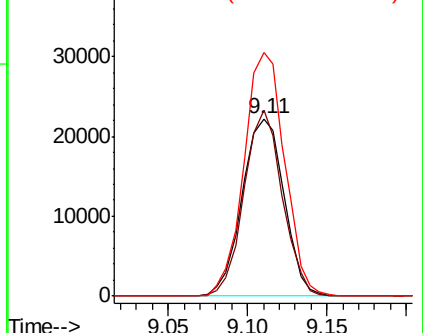
201 137.4 104.2 156.4

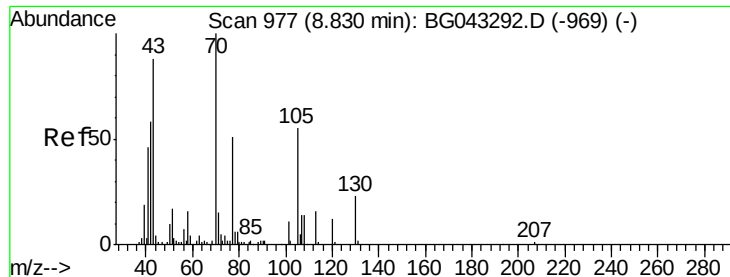


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

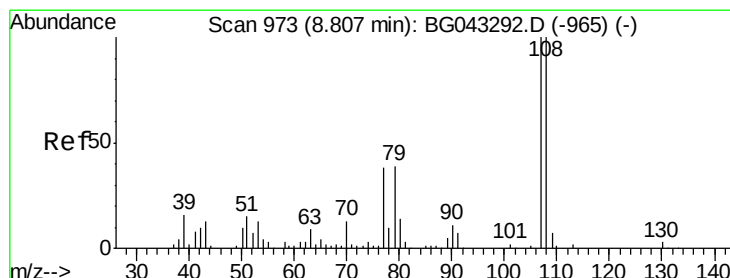
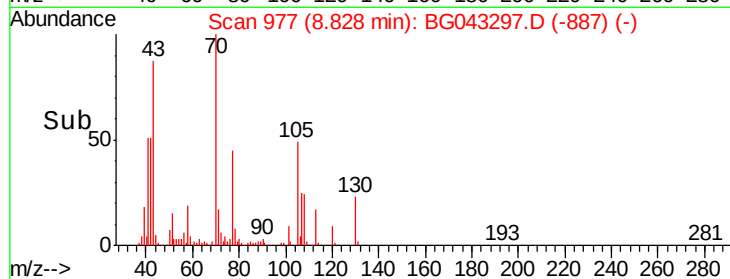
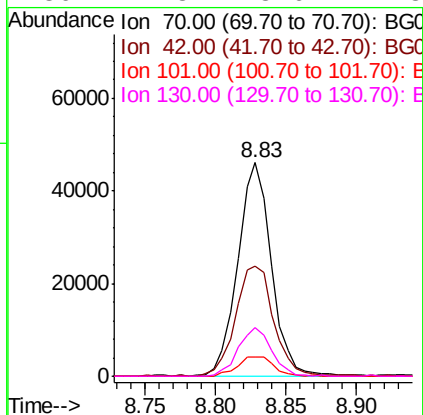
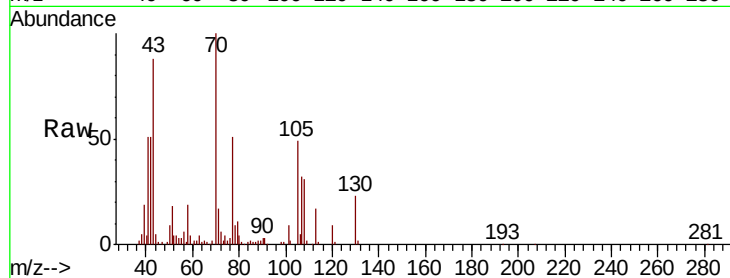




#19  
n-Nitroso-di-n-propylamine  
Concen: 40.596 ng  
RT: 8.83 min Scan# 977  
Delta R.T. -0.00 min  
Lab File: BG043297.D  
Acq: 21 Oct 2019 16:38

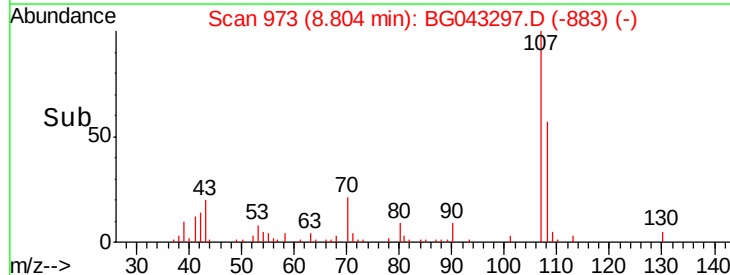
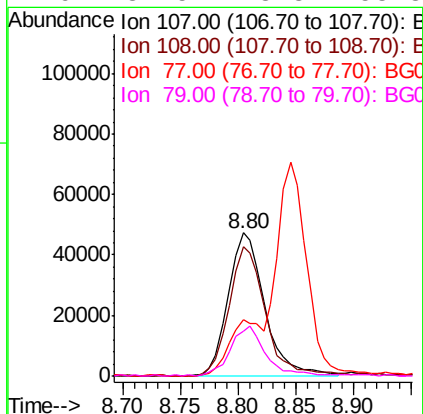
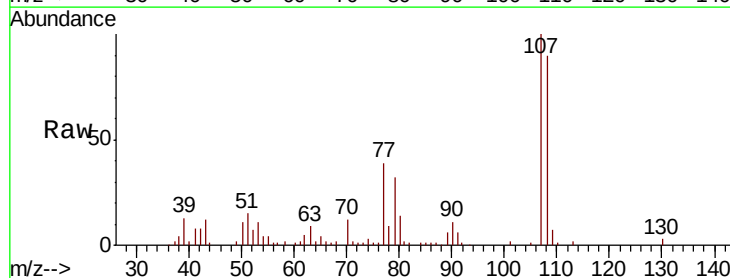
Instrument :  
BNA\_G  
ClientSampleId :

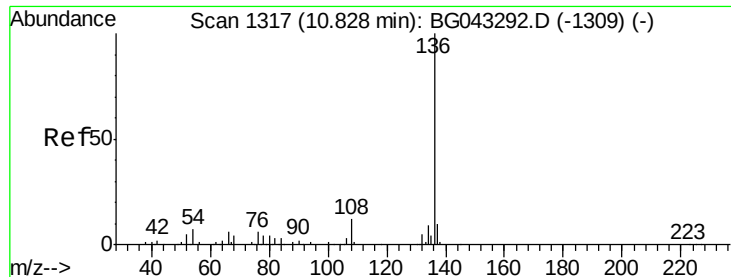
|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 70    | Resp: | 76590 |
| Ion      | Ratio | Lower | Upper |
| 70       | 100   |       |       |
| 42       | 51.4  | 46.2  | 69.2  |
| 101      | 9.0   | 8.6   | 13.0  |
| 130      | 22.8  | 18.6  | 27.8  |



#20  
3+4-Methylphenols  
Concen: 39.046 ng  
RT: 8.80 min Scan# 973  
Delta R.T. -0.00 min  
Lab File: BG043297.D  
Acq: 21 Oct 2019 16:38

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 104138 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 90.4  | 80.3  | 120.3  |
| 77       | 39.1  | 18.2  | 58.2   |
| 79       | 31.5  | 18.8  | 58.8   |

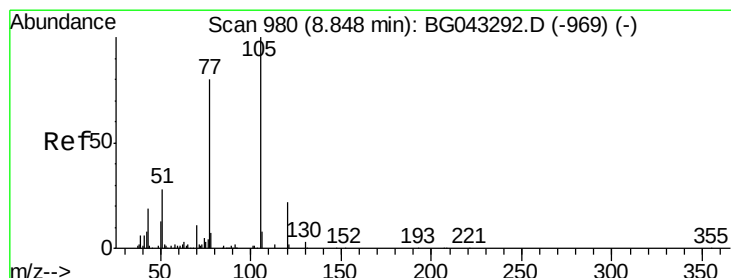
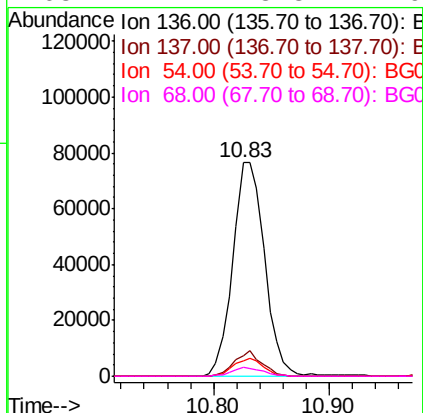
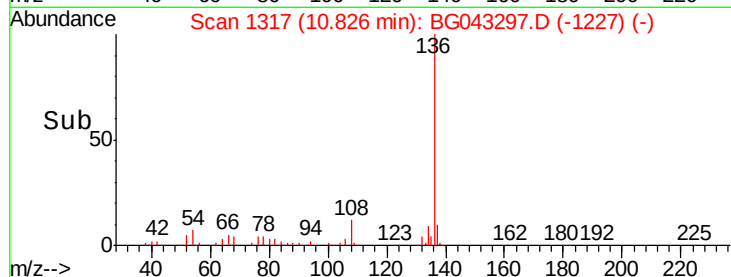
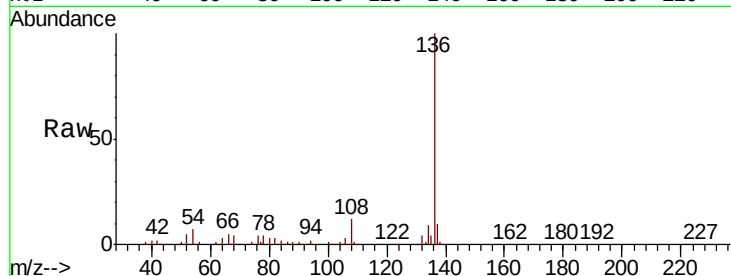




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.83 min Scan# 1317  
Delta R.T. -0.00 min  
Lab File: BG043297.D  
Acq: 21 Oct 2019 16:38

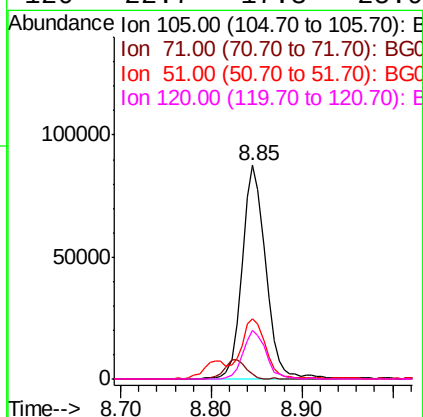
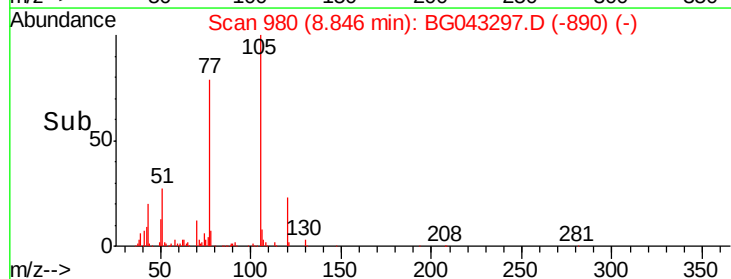
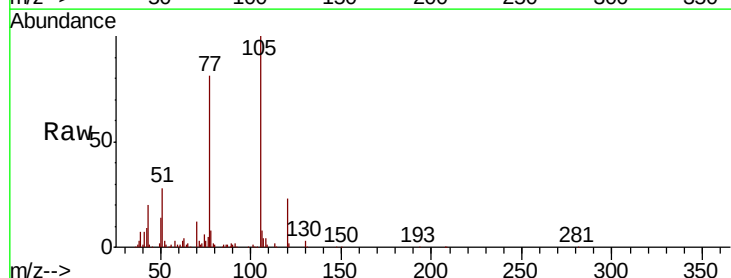
Instrument :  
BNA\_G  
ClientSampleId :

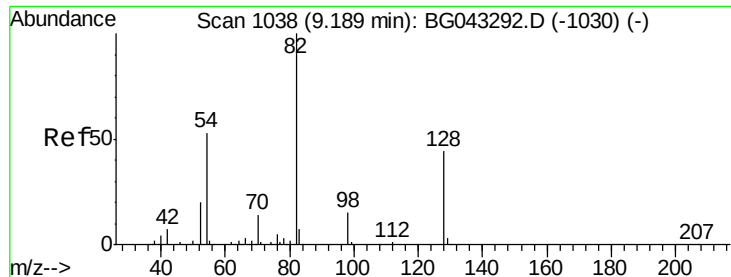
|             |       |             |
|-------------|-------|-------------|
| Tot Ion:136 | Resp: | 146008      |
| Ion         | Ratio | Lower Upper |
| 136         | 100   |             |
| 137         | 9.8   | 8.2 12.2    |
| 54          | 7.2   | 5.4 8.2     |
| 68          | 4.1   | 3.3 4.9     |



#22  
Acetophenone  
Concen: 42.215 ng  
RT: 8.85 min Scan# 980  
Delta R.T. -0.00 min  
Lab File: BG043297.D  
Acq: 21 Oct 2019 16:38

|             |       |             |
|-------------|-------|-------------|
| Tgt Ion:105 | Resp: | 157846      |
| Ion         | Ratio | Lower Upper |
| 105         | 100   |             |
| 71          | 2.6   | 1.5 2.3#    |
| 51          | 28.0  | 23.9 35.9   |
| 120         | 22.7  | 17.3 25.9   |

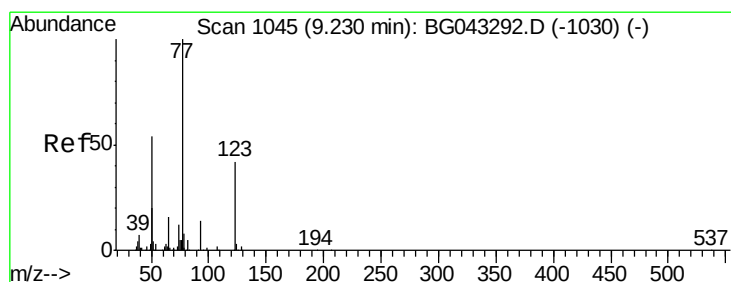
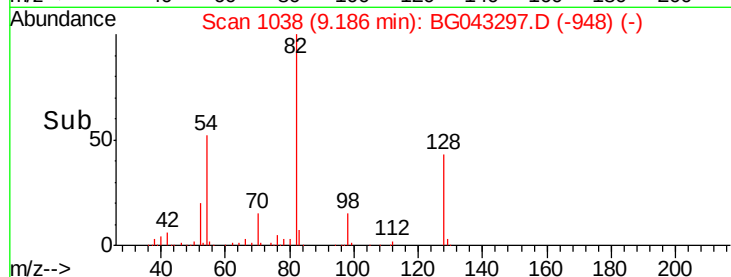
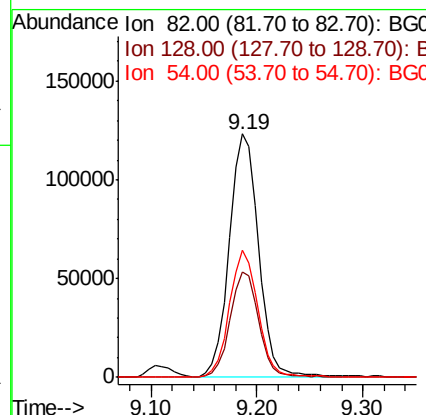
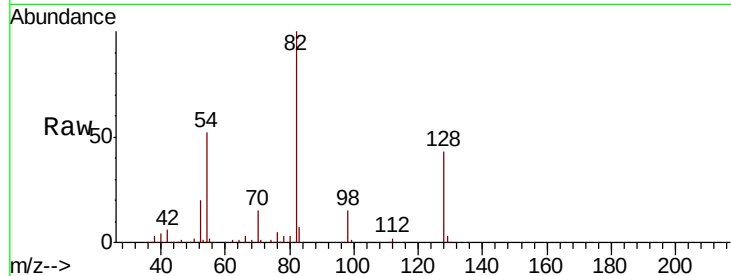




#23  
Nitrobenzene-d5  
Concen: 83.635 ng  
RT: 9.19 min Scan# 1038  
Delta R.T. -0.00 min  
Lab File: BG043297.D  
Acq: 21 Oct 2019 16:38

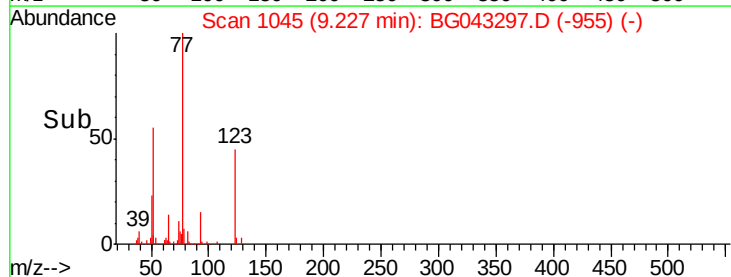
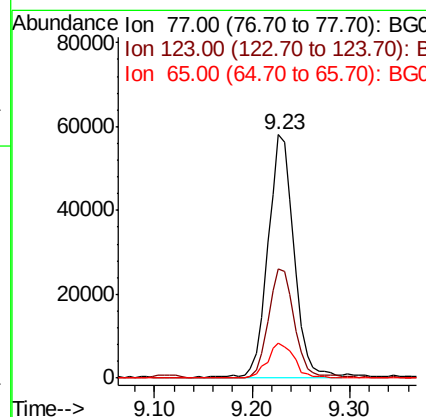
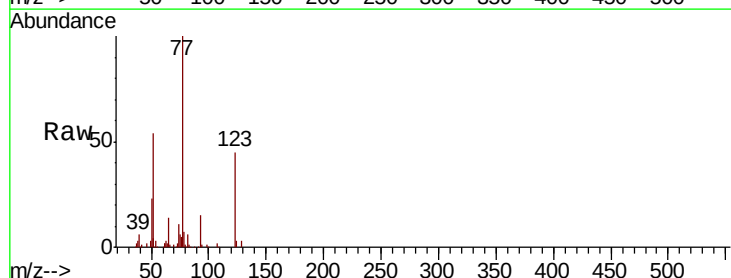
Instrument :  
BNA\_G  
ClientSampleId :

| Tot Ion   | 82    | Resp  | 236862 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 128       | 43.4  | 35.3  | 52.9   |
| 54        | 52.2  | 42.3  | 63.5   |

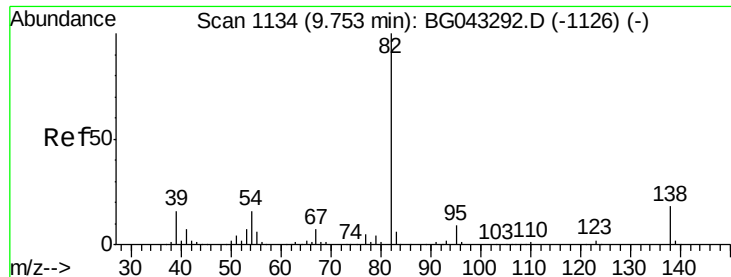


#24  
Nitrobenzene  
Concen: 40.541 ng  
RT: 9.23 min Scan# 1045  
Delta R.T. -0.00 min  
Lab File: BG043297.D  
Acq: 21 Oct 2019 16:38

| Tgt Ion   | 77    | Resp  | 109375 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 77        | 100   |       |        |
| 123       | 44.9  | 33.8  | 50.8   |
| 65        | 14.4  | 13.0  | 19.4   |







#25

Isophorone

Concen: 41.846 ng

RT: 9.75 min Scan# 1134

Delta R.T. -0.00 min

Lab File: BG043297.D

Acq: 21 Oct 2019 16:38

Instrument :

BNA\_G

ClientSampleId :

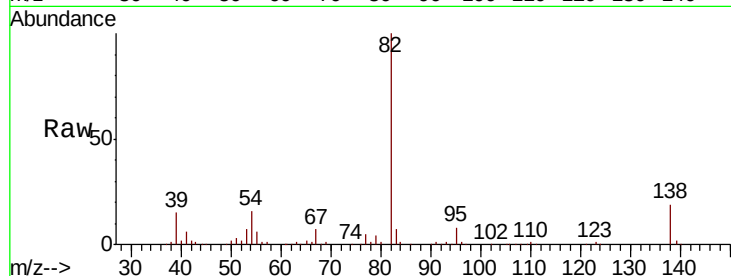
Tot Ion: 82 Resp: 216675

Ion Ratio Lower Upper

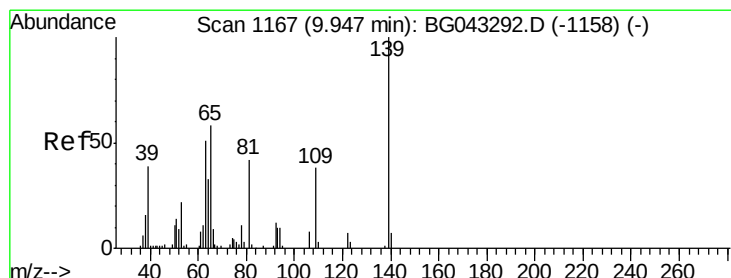
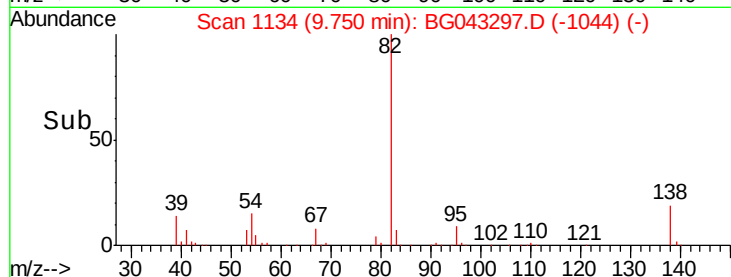
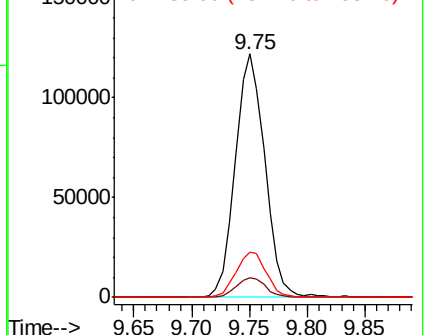
82 100

95 8.3 6.9 10.3

138 18.6 14.2 21.2



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



#26

2-Nitrophenol

Concen: 42.177 ng

RT: 9.94 min Scan# 1167

Delta R.T. -0.00 min

Lab File: BG043297.D

Acq: 21 Oct 2019 16:38

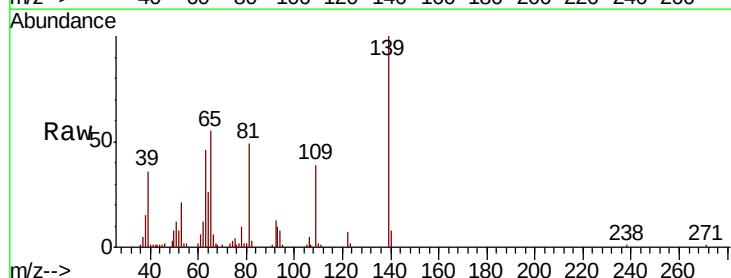
Tgt Ion: 139 Resp: 54935

Ion Ratio Lower Upper

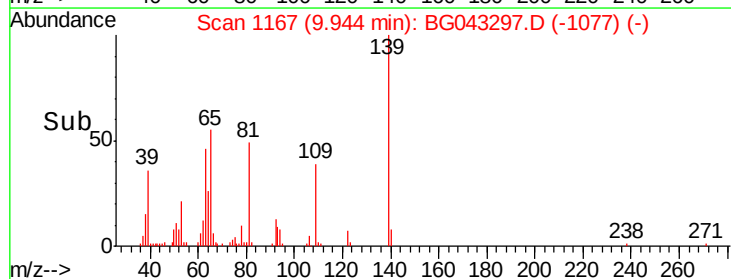
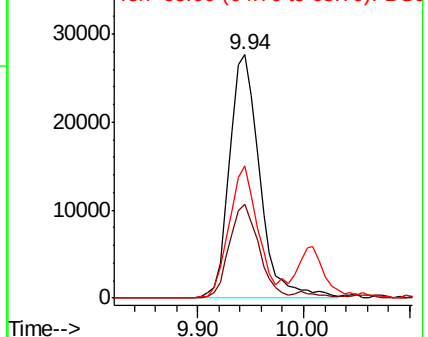
139 100

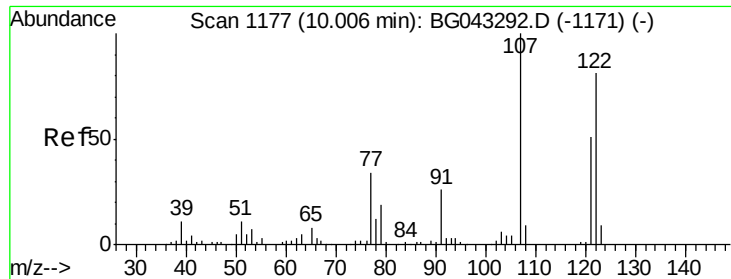
109 38.8 30.1 45.1

65 54.6 46.1 69.1



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





#27

2,4-Dimethylphenol

Concen: 41.476 ng

RT: 10.01 min Scan# 1178

Delta R.T. 0.00 min

Lab File: BG043297.D

Acq: 21 Oct 2019 16:38

Instrument :

BNA\_G

ClientSampleId :

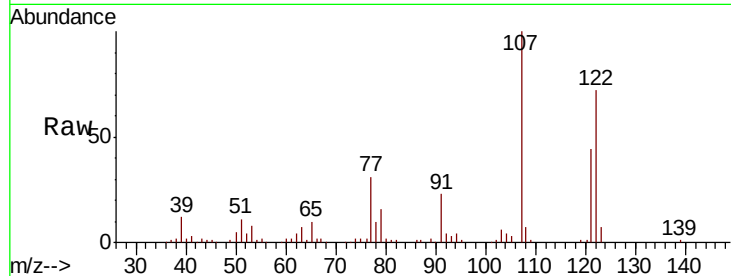
Tot Ion:122 Resp: 77428

Ion Ratio Lower Upper

122 100

107 139.1 98.6 147.8

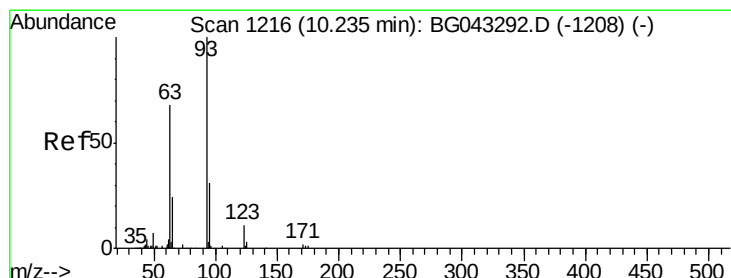
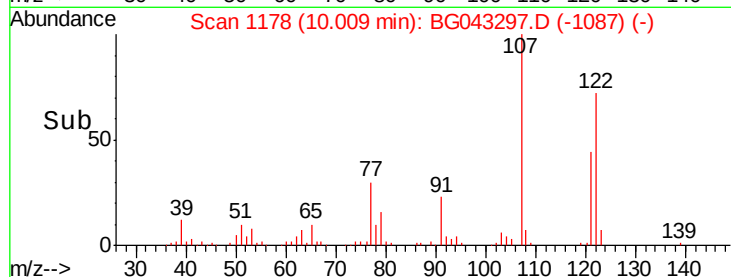
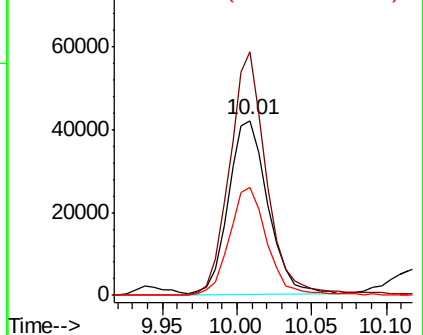
121 61.7 50.1 75.1



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: 41.114 ng

RT: 10.23 min Scan# 1216

Delta R.T. -0.00 min

Lab File: BG043297.D

Acq: 21 Oct 2019 16:38

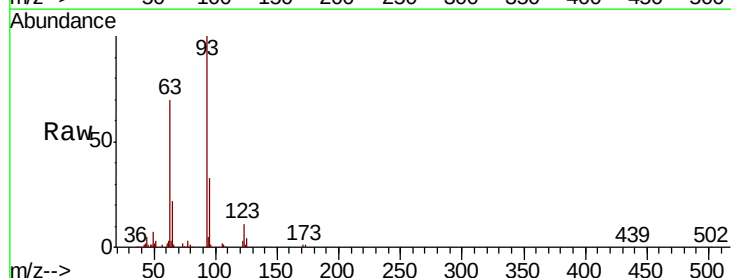
Tgt Ion: 93 Resp: 117495

Ion Ratio Lower Upper

93 100

95 33.0 24.9 37.3

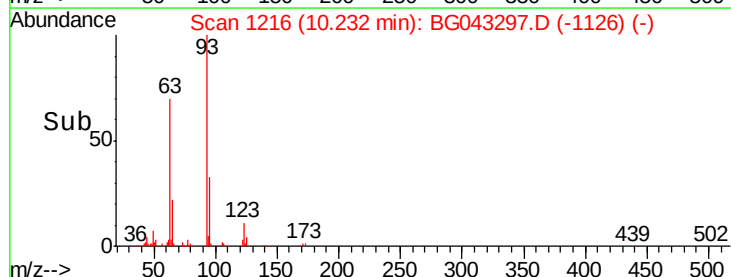
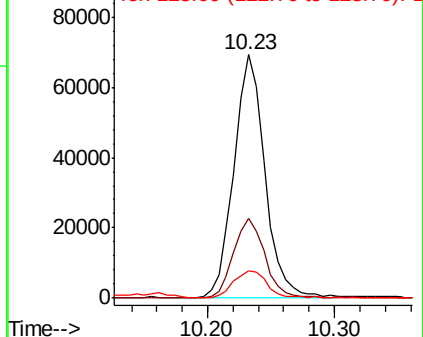
123 11.1 8.9 13.3

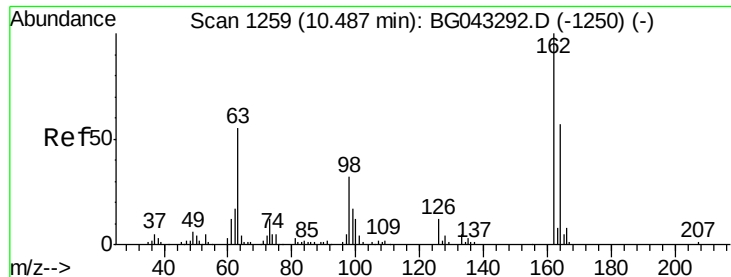


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

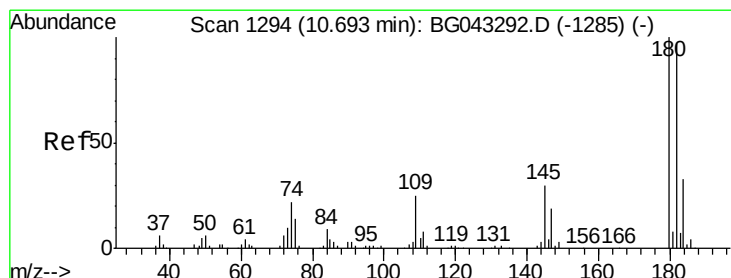
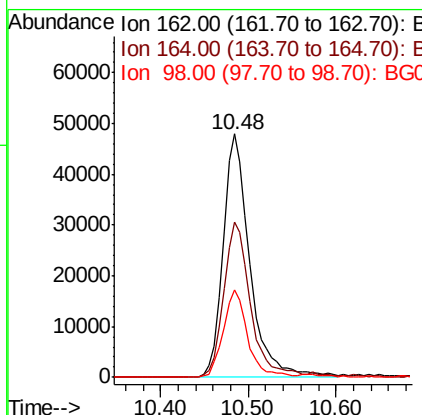
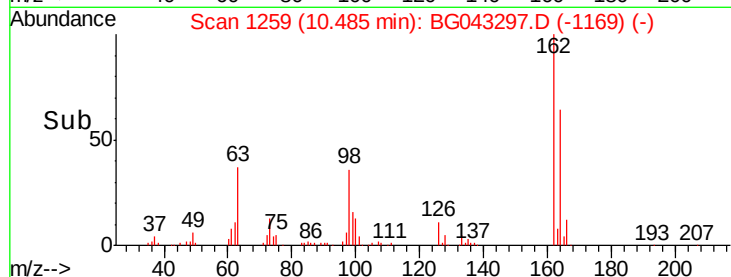
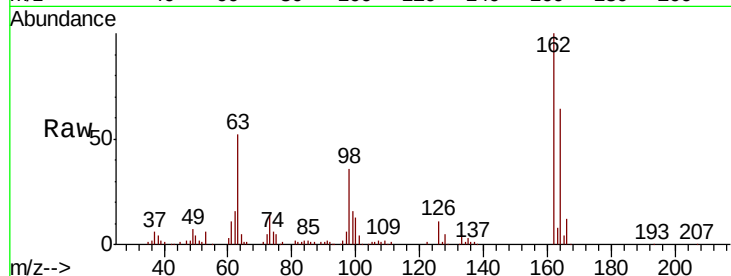




#29  
2,4-Dichlorophenol  
Concen: 41.961 ng  
RT: 10.48 min Scan# 1259  
Delta R.T. -0.00 min  
Lab File: BG043297.D  
Acq: 21 Oct 2019 16:38

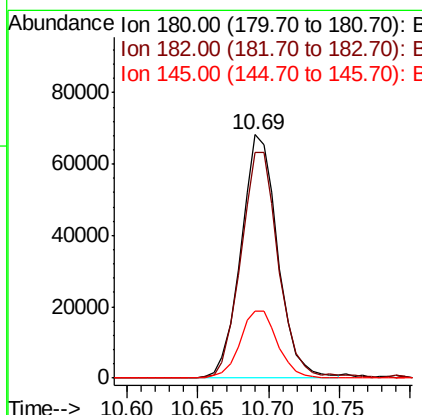
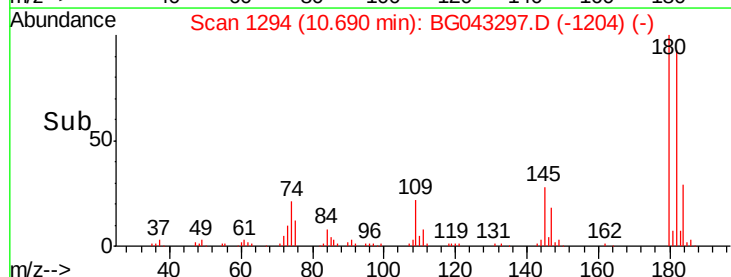
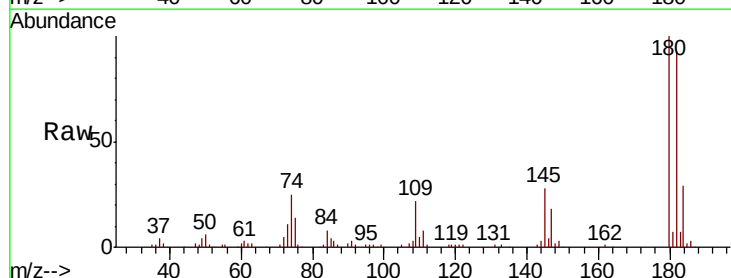
Instrument :  
BNA\_G  
ClientSampleId :

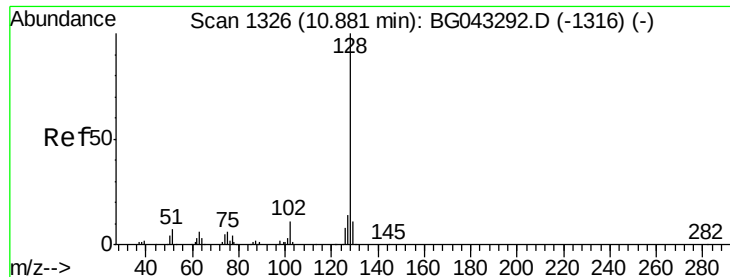
| Tot Ion | 162   | Resp  | 100367 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 162     | 100   |       |        |
| 164     | 63.7  | 37.3  | 77.3   |
| 98      | 36.2  | 11.8  | 51.8   |



#30  
1,2,4-Trichlorobenzene  
Concen: 41.228 ng  
RT: 10.69 min Scan# 1294  
Delta R.T. -0.00 min  
Lab File: BG043297.D  
Acq: 21 Oct 2019 16:38

| Tgt Ion | 180   | Resp  | 124291 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 180     | 100   |       |        |
| 182     | 92.6  | 77.8  | 116.8  |
| 145     | 27.7  | 23.6  | 35.4   |

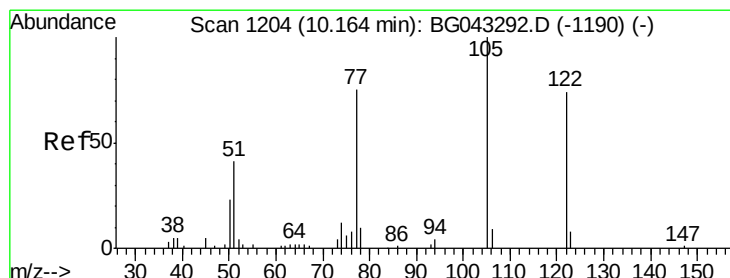
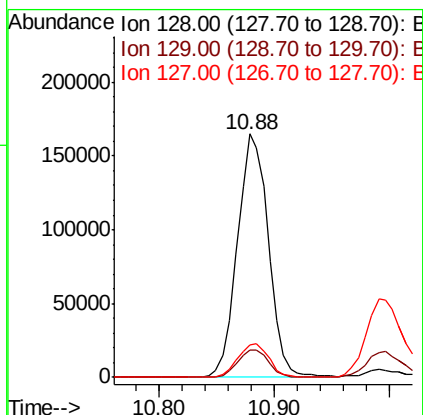
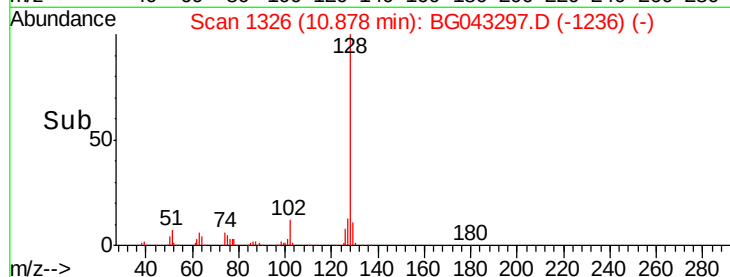
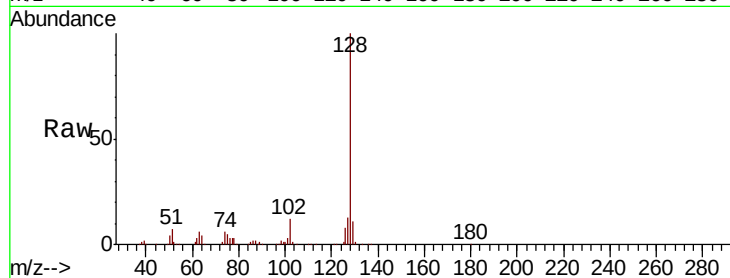




#31  
Naphthalene  
Concen: 41.393 ng  
RT: 10.88 min Scan# 1326  
Delta R.T. -0.00 min  
Lab File: BG043297.D  
Acq: 21 Oct 2019 16:38

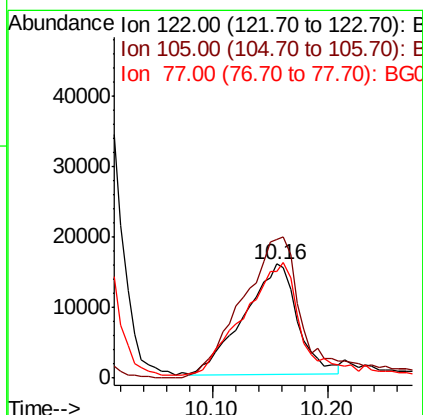
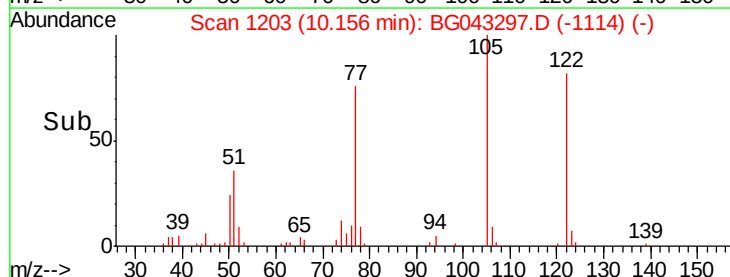
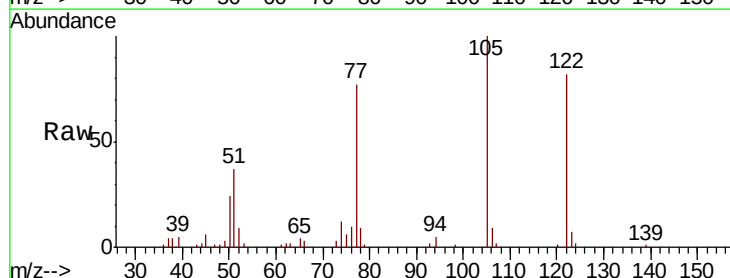
Instrument :  
BNA\_G  
ClientSampleId :

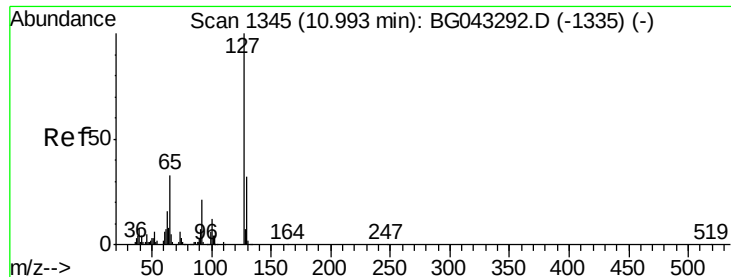
Tot Ion:128 Resp: 306772  
Ion Ratio Lower Upper  
128 100  
129 11.2 8.6 12.8  
127 13.2 11.5 17.3



#32  
Benzoic acid  
Concen: 38.005 ng  
RT: 10.16 min Scan# 1203  
Delta R.T. -0.01 min  
Lab File: BG043297.D  
Acq: 21 Oct 2019 16:38

Tgt Ion:122 Resp: 50864  
Ion Ratio Lower Upper  
122 100  
105 122.0 112.4 152.4  
77 93.8 82.7 122.7

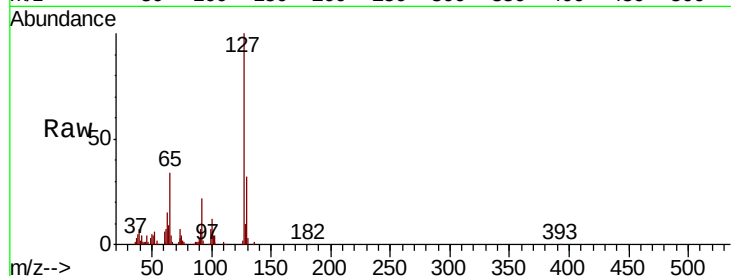




#33  
4-Chloroaniline  
Concen: 41.867 ng  
RT: 10.99 min Scan# 1345  
Delta R.T. -0.00 min  
Lab File: BG043297.D  
Acq: 21 Oct 2019 16:38

Instrument :  
BNA\_G  
ClientSampleId :

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 127   | Resp: | 127191 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 32.0  | 25.8  | 38.8   |
| 65       | 33.8  | 26.2  | 39.2   |
| 92       | 21.8  | 17.0  | 25.4   |



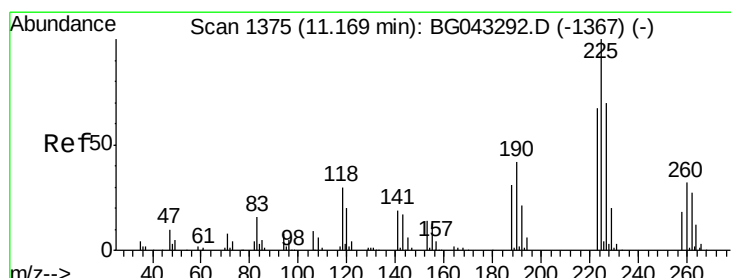
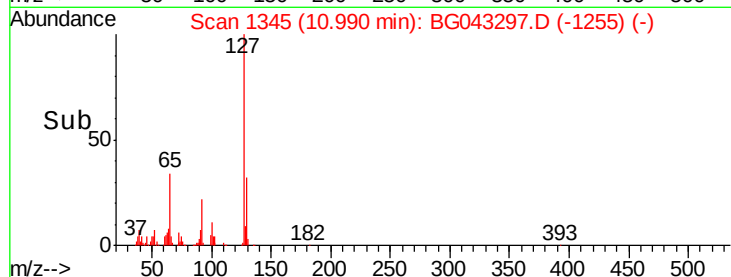
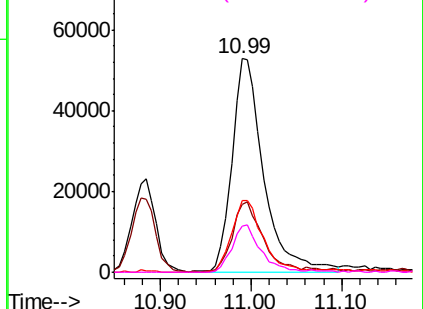
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

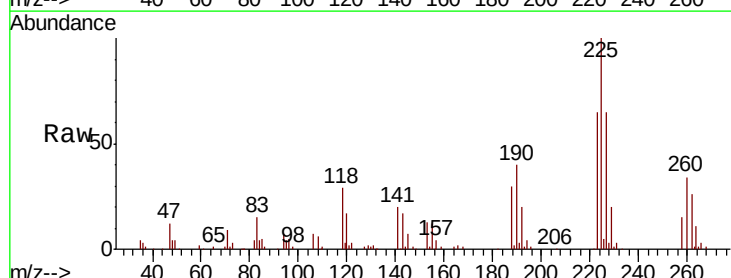
Ion 65.00 (64.70 to 65.70): BG

Ion 92.00 (91.70 to 92.70): BG



#34  
Hexachlorobutadiene  
Concen: 40.816 ng  
RT: 11.17 min Scan# 1375  
Delta R.T. -0.00 min  
Lab File: BG043297.D  
Acq: 21 Oct 2019 16:38

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 225   | Resp: | 90959 |
| Ion      | Ratio | Lower | Upper |
| 225      | 100   |       |       |
| 223      | 64.6  | 53.2  | 79.8  |
| 227      | 64.6  | 56.2  | 84.2  |

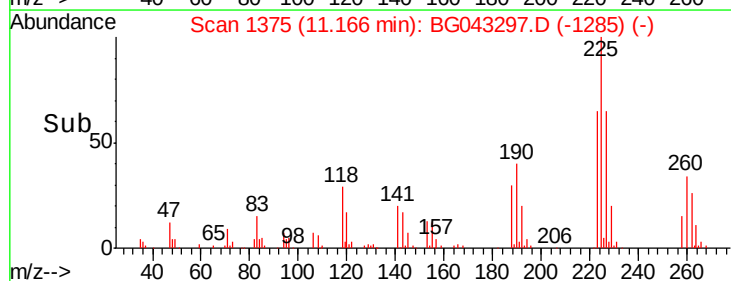
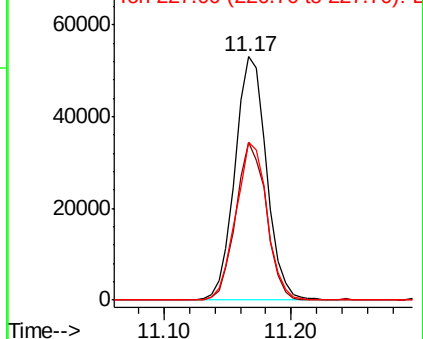


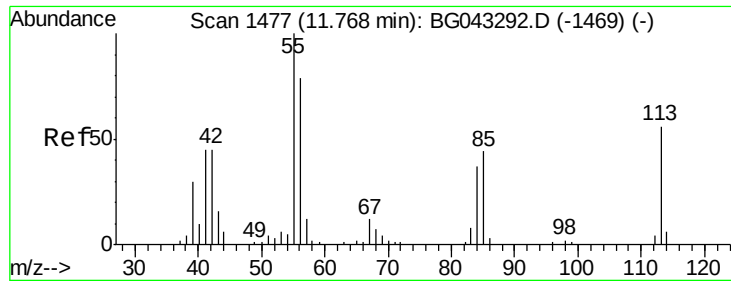
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

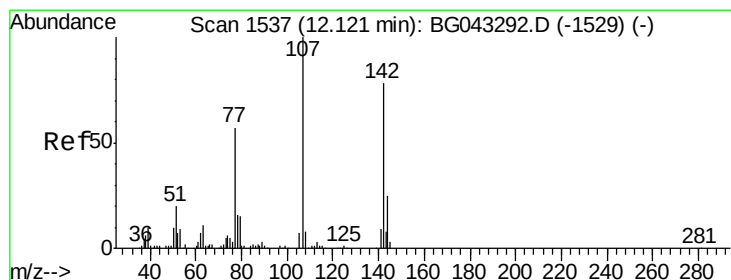
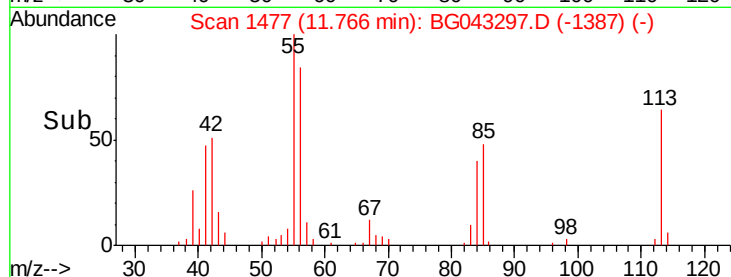
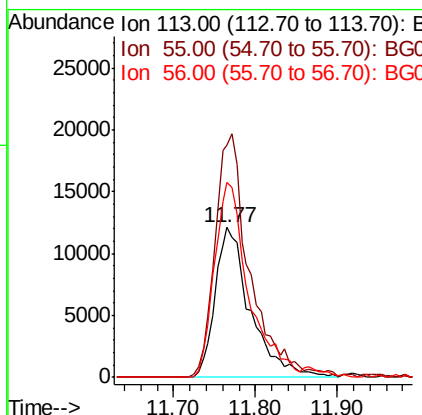
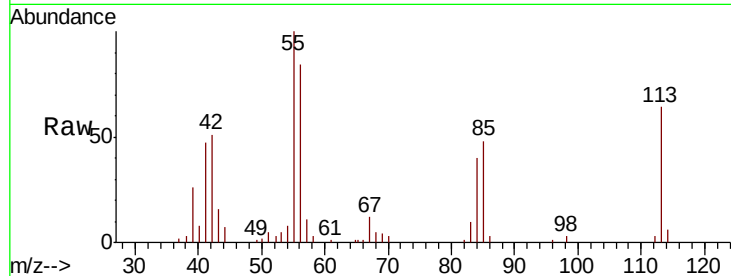




#35  
 Caprolactam  
 Concen: 44.053 ng  
 RT: 11.77 min Scan# 1477  
 Delta R.T. -0.00 min  
 Lab File: BG043297.D  
 Acq: 21 Oct 2019 16:38

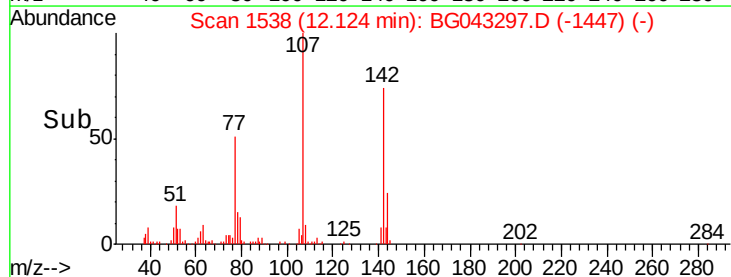
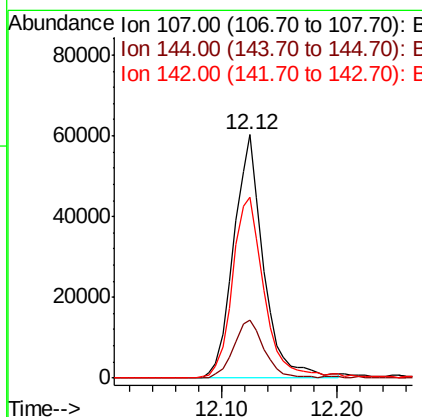
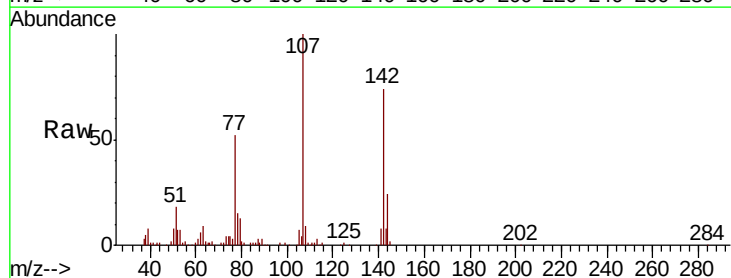
Instrument :  
 BNA\_G  
 ClientSampleId :

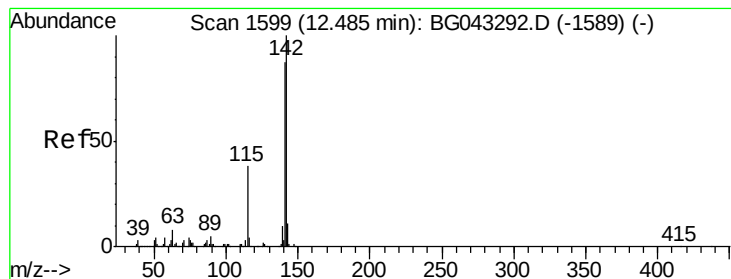
Tot Ion:113 Resp: 36290  
 Ion Ratio Lower Upper  
 113 100  
 55 155.2 158.9 198.9#  
 56 130.4 121.4 161.4



#36  
 4-Chloro-3-methylphenol  
 Concen: 41.266 ng  
 RT: 12.12 min Scan# 1538  
 Delta R.T. 0.00 min  
 Lab File: BG043297.D  
 Acq: 21 Oct 2019 16:38

Tgt Ion:107 Resp: 107667  
 Ion Ratio Lower Upper  
 107 100  
 144 23.8 19.9 29.9  
 142 74.1 62.1 93.1





#37

2-Methylnaphthalene

Concen: 41.830 ng

RT: 12.49 min Scan# 1600

Delta R.T. 0.00 min

Lab File: BG043297.D

Acq: 21 Oct 2019 16:38

Instrument :

BNA\_G

ClientSampleId :

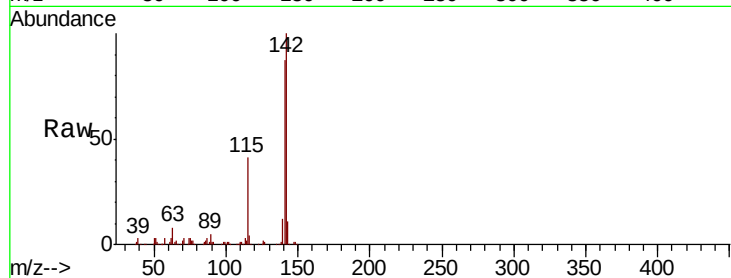
Tot Ion:142 Resp: 237870

Ion Ratio Lower Upper

142 100

141 86.8 69.7 104.5

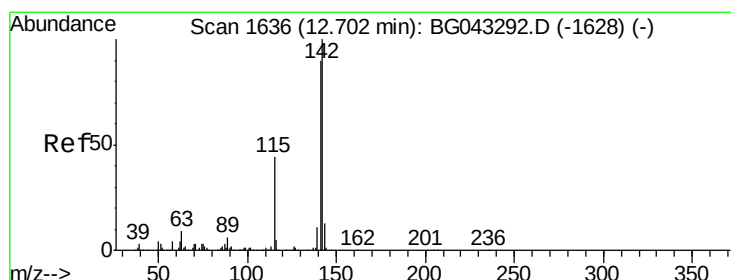
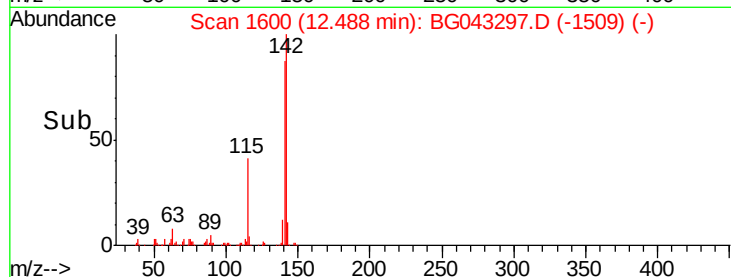
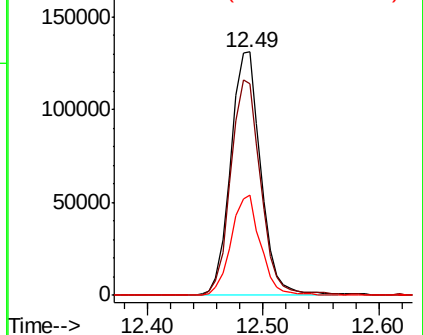
115 41.3 30.6 46.0



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 41.378 ng

RT: 12.71 min Scan# 1637

Delta R.T. 0.00 min

Lab File: BG043297.D

Acq: 21 Oct 2019 16:38

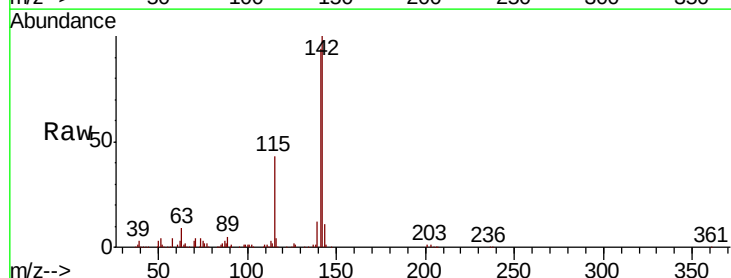
Tgt Ion:142 Resp: 223879

Ion Ratio Lower Upper

142 100

141 93.8 72.3 108.5

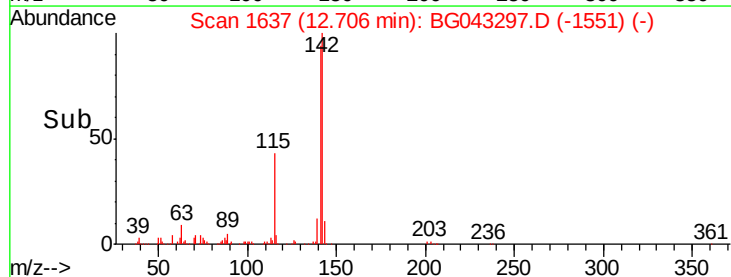
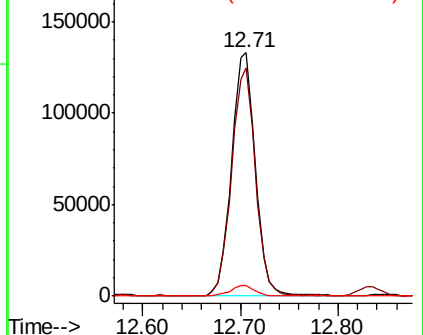
116 4.3 3.8 5.6

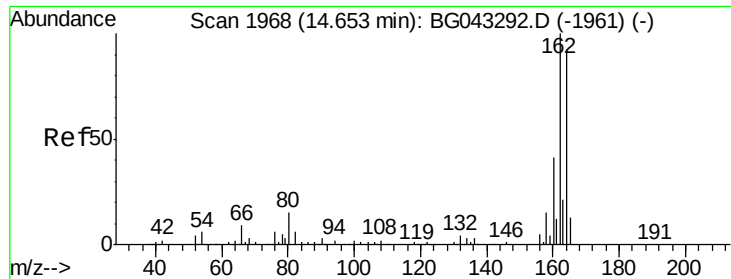


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.66 min Scan# 1969

Delta R.T. 0.00 min

Lab File: BG043297.D

Acq: 21 Oct 2019 16:38

Instrument :

BNA\_G

ClientSampleId :

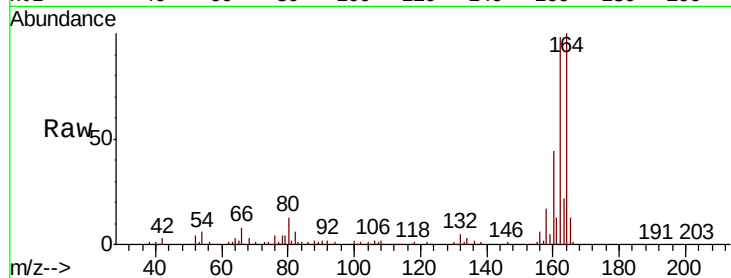
Tot Ion:164 Resp: 110508

Ion Ratio Lower Upper

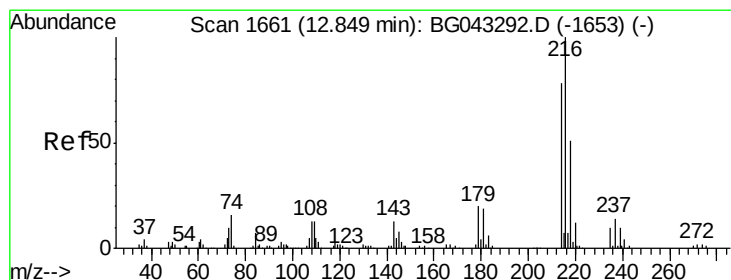
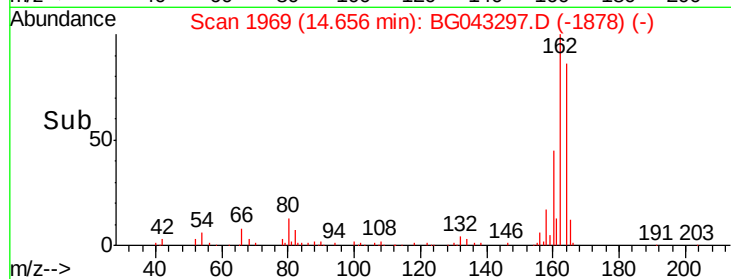
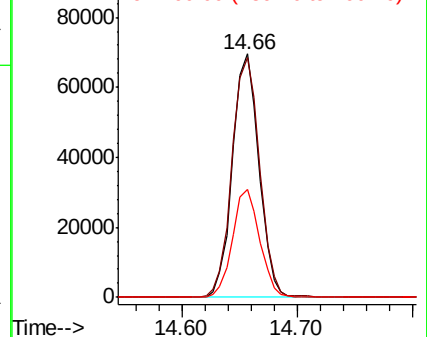
164 100

162 98.4 87.0 130.4

160 44.1 35.5 53.3



Abundance Ion 164.00 (163.70 to 164.70): E  
Ion 162.00 (161.70 to 162.70): E  
Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.032 ng

RT: 12.85 min Scan# 1662

Delta R.T. 0.00 min

Lab File: BG043297.D

Acq: 21 Oct 2019 16:38

Tgt Ion:216 Resp: 167810

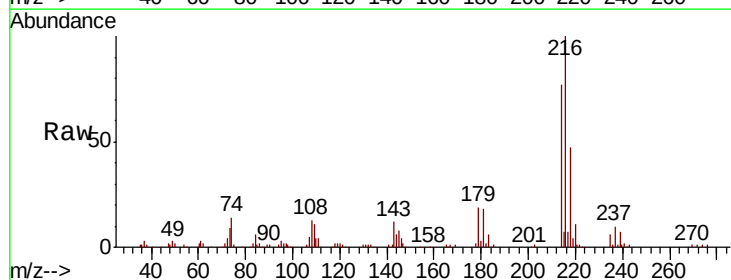
Ion Ratio Lower Upper

216 100

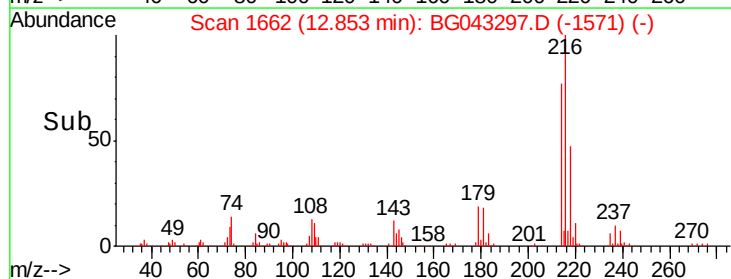
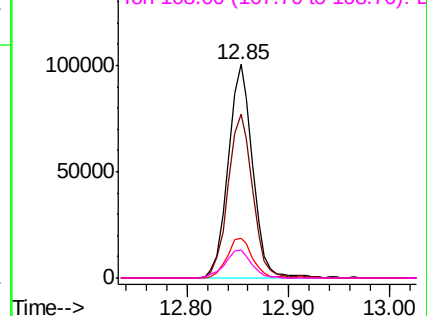
214 77.1 63.5 95.3

179 19.3 16.2 24.2

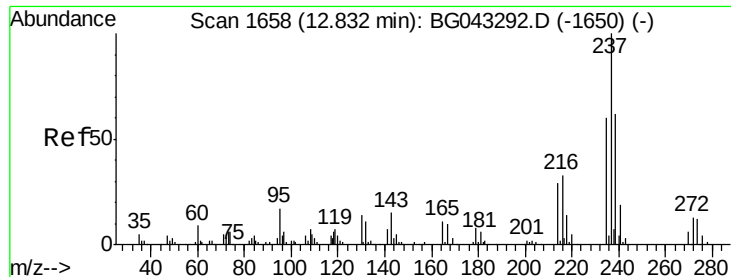
108 14.3 11.2 16.8



Abundance Ion 216.00 (215.70 to 216.70): E  
Ion 214.00 (213.70 to 214.70): E  
Ion 179.00 (178.70 to 179.70): E  
Ion 108.00 (107.70 to 108.70): E







#41

Hexachlorocyclopentadiene

Concen: 39.552 ng

RT: 12.84 min Scan# 1659

Delta R.T. 0.00 min

Lab File: BG043297.D

Acq: 21 Oct 2019 16:38

Instrument :

BNA\_G

ClientSampleId :

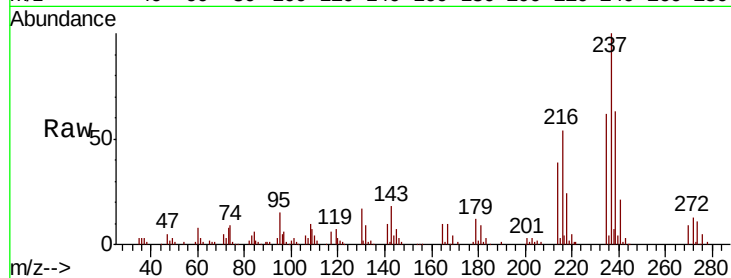
Tot Ion:237 Resp: 84972

Ion Ratio Lower Upper

237 100

235 61.6 40.3 80.3

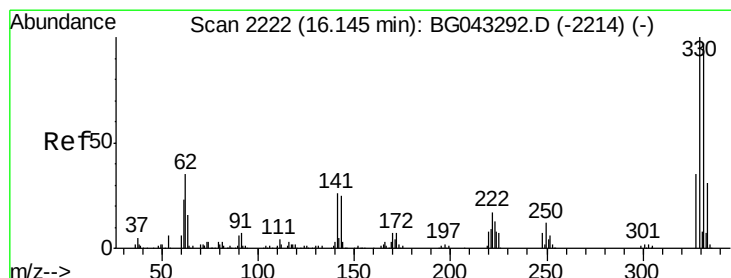
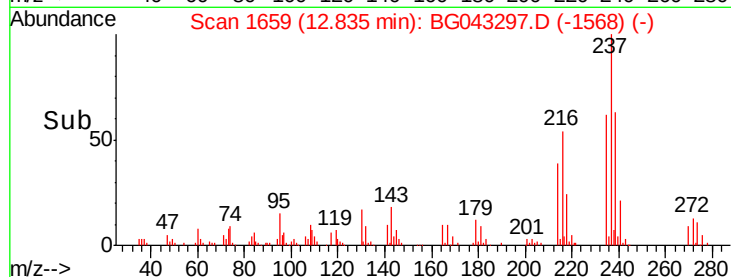
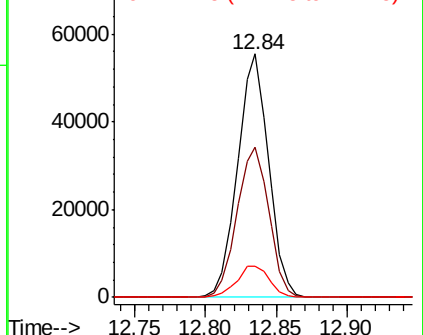
272 12.9 0.0 32.9



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 83.385 ng

RT: 16.14 min Scan# 2222

Delta R.T. -0.00 min

Lab File: BG043297.D

Acq: 21 Oct 2019 16:38

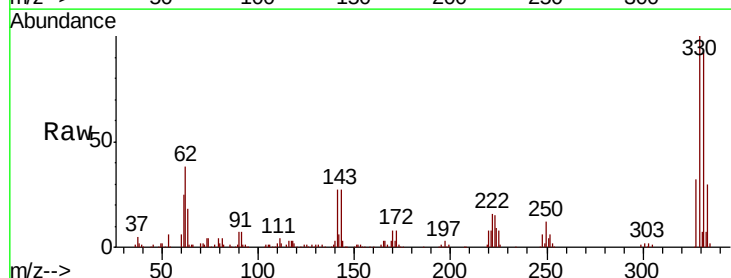
Tgt Ion:330 Resp: 175357

Ion Ratio Lower Upper

330 100

332 96.1 76.4 114.6

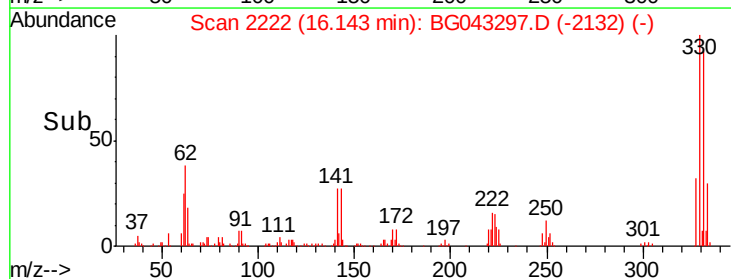
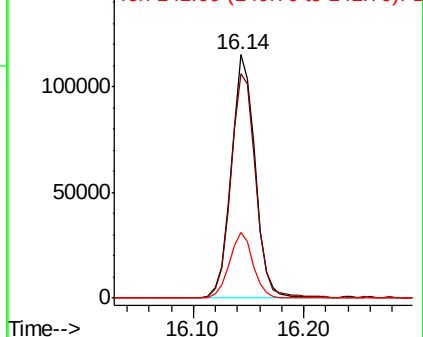
141 26.5 21.4 32.0

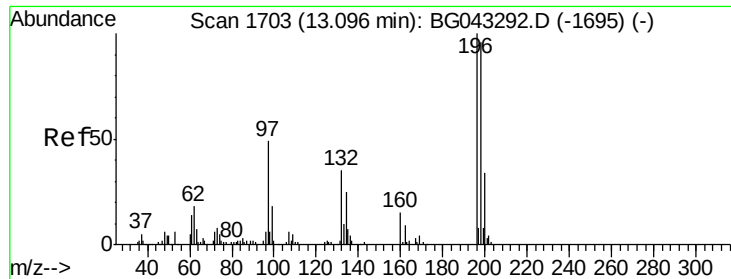


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

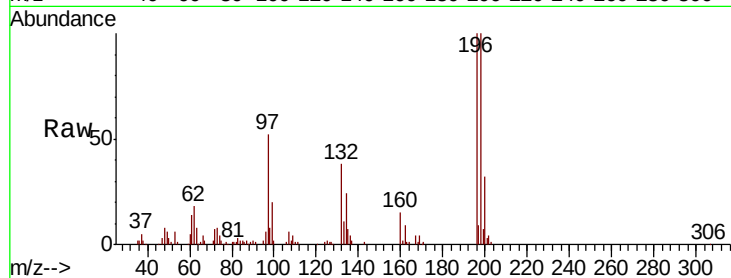




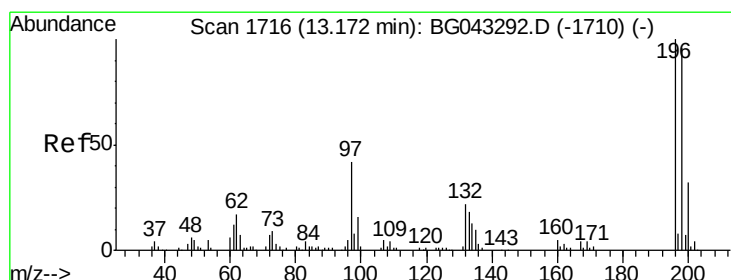
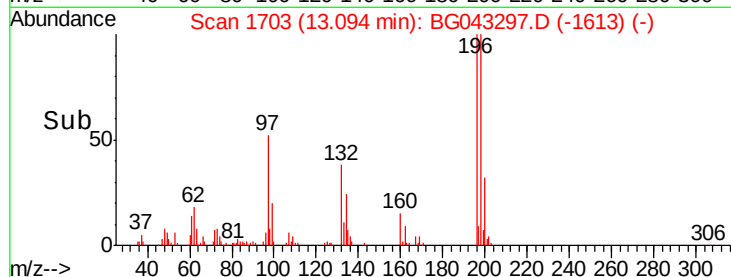
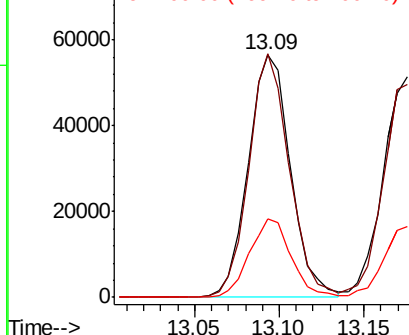
#43  
 2,4,6-Trichlorophenol  
 Concen: 40.774 ng  
 RT: 13.09 min Scan# 1703  
 Delta R.T. -0.00 min  
 Lab File: BG043297.D  
 Acq: 21 Oct 2019 16:38

Instrument :  
 BNA\_G  
 ClientSampleId :

Tot Ion:196 Resp: 98203  
 Ion Ratio Lower Upper  
 196 100  
 198 100.3 77.0 115.4  
 200 32.4 27.4 41.2

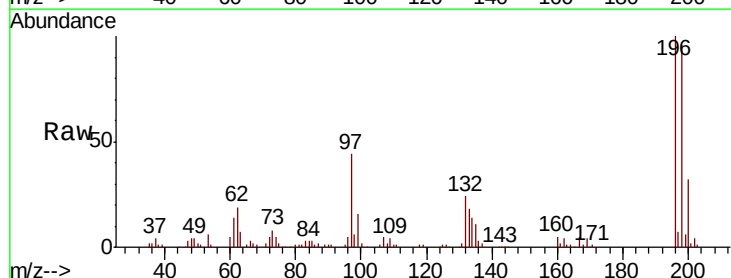


Abundance Ion 196.00 (195.70 to 196.70): E  
 Ion 198.00 (197.70 to 198.70): E  
 Ion 200.00 (199.70 to 200.70): E

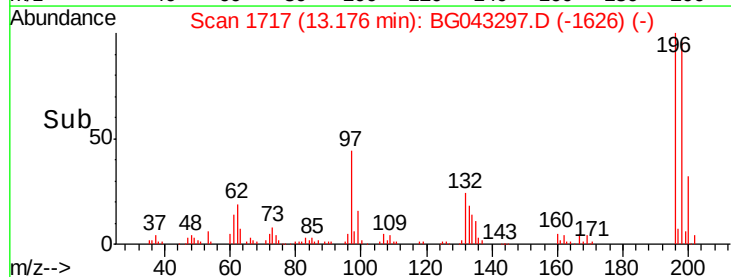
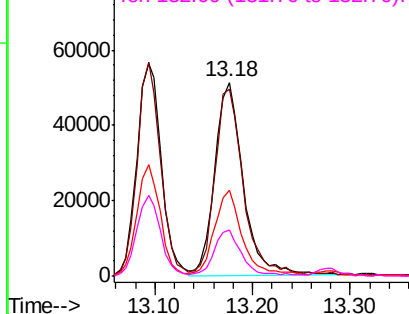


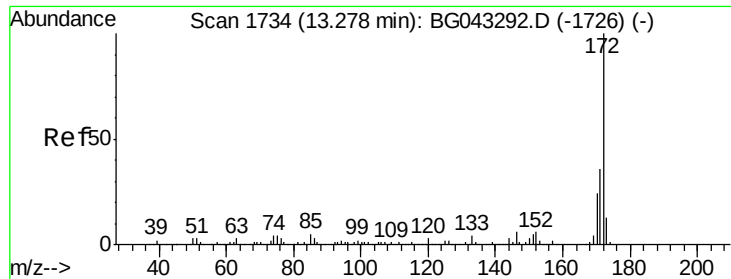
#44  
 2,4,5-Trichlorophenol  
 Concen: 42.543 ng  
 RT: 13.18 min Scan# 1717  
 Delta R.T. 0.00 min  
 Lab File: BG043297.D  
 Acq: 21 Oct 2019 16:38

Tgt Ion:196 Resp: 103590  
 Ion Ratio Lower Upper  
 196 100  
 198 96.5 76.6 114.8  
 97 44.3 34.1 51.1  
 132 23.6 18.2 27.4



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

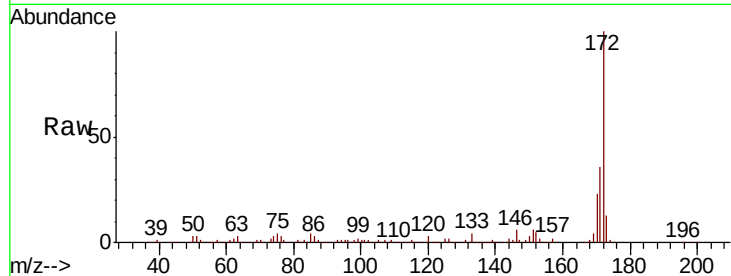




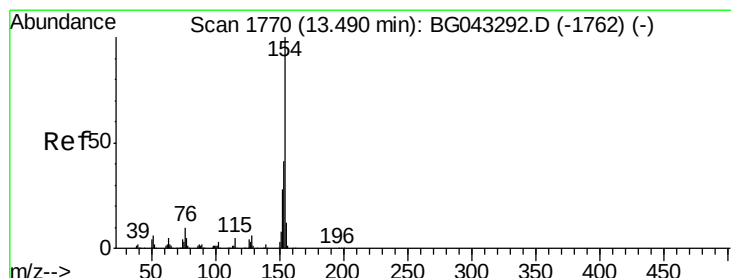
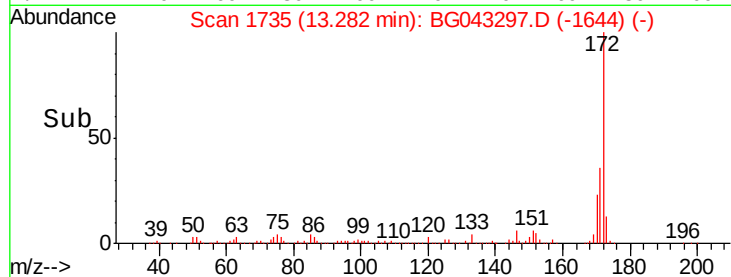
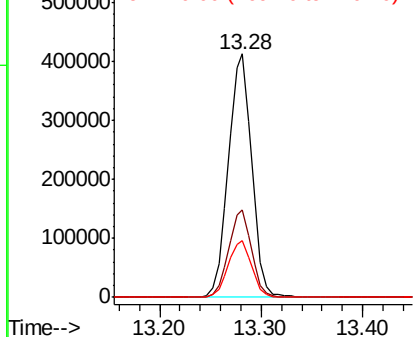
#45  
 2-Fluorobiphenyl  
 Concen: 82.173 ng  
 RT: 13.28 min Scan# 1735  
 Delta R.T. 0.00 min  
 Lab File: BG043297.D  
 Acq: 21 Oct 2019 16:38

Instrument :  
 BNA\_G  
 ClientSampleId :

Tot Ion:172 Resp: 657171  
 Ion Ratio Lower Upper  
 172 100  
 171 35.8 28.5 42.7  
 170 23.2 18.8 28.2

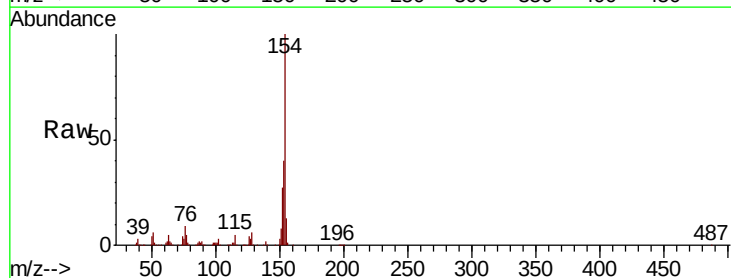


Abundance Ion 172.00 (171.70 to 172.70): E  
 Ion 171.00 (170.70 to 171.70): E  
 Ion 170.00 (169.70 to 170.70): E

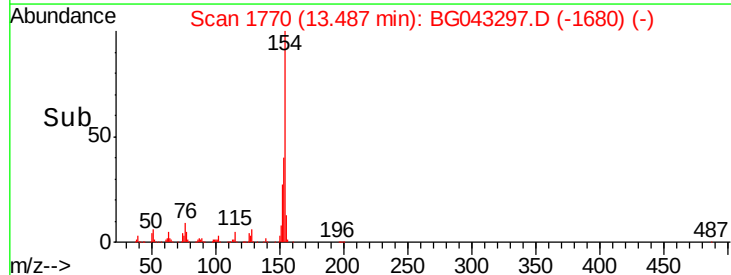
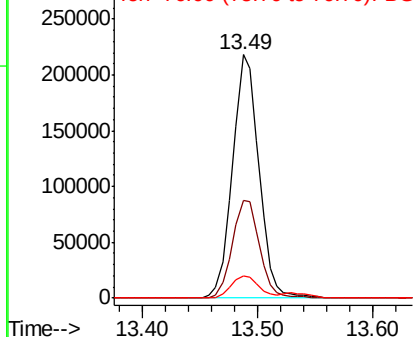


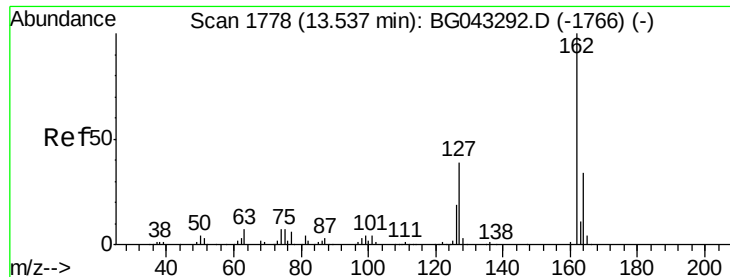
#46  
 1,1'-Biphenyl  
 Concen: 41.120 ng  
 RT: 13.49 min Scan# 1770  
 Delta R.T. -0.00 min  
 Lab File: BG043297.D  
 Acq: 21 Oct 2019 16:38

Tgt Ion:154 Resp: 345690  
 Ion Ratio Lower Upper  
 154 100  
 153 40.3 21.0 61.0  
 76 9.1 0.0 29.8



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

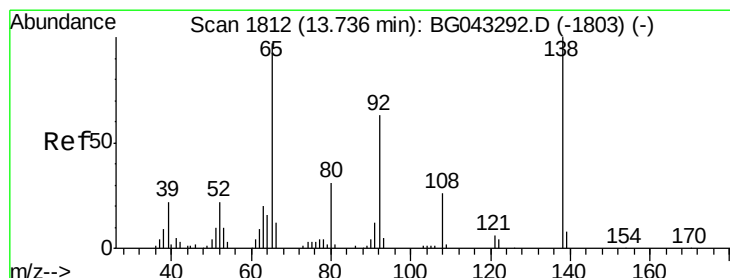
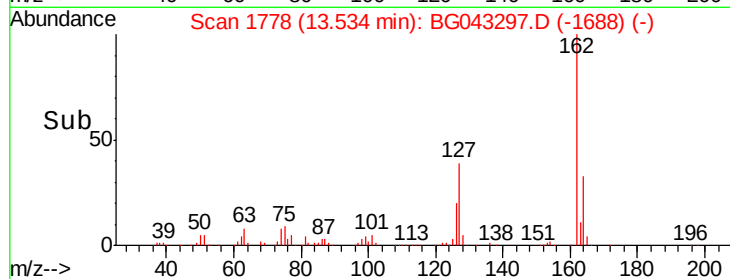
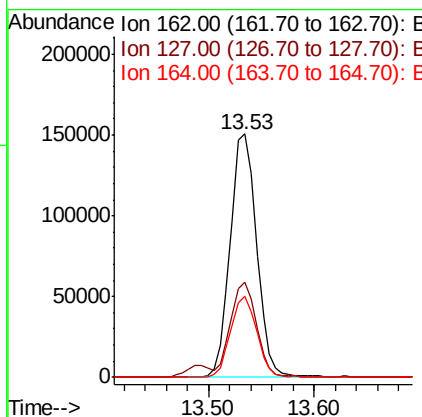
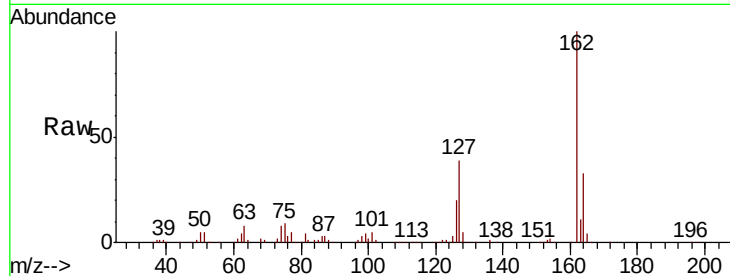




#47  
2-Chloronaphthalene  
Concen: 40.772 ng  
RT: 13.53 min Scan# 1778  
Delta R.T. -0.00 min  
Lab File: BG043297.D  
Acq: 21 Oct 2019 16:38

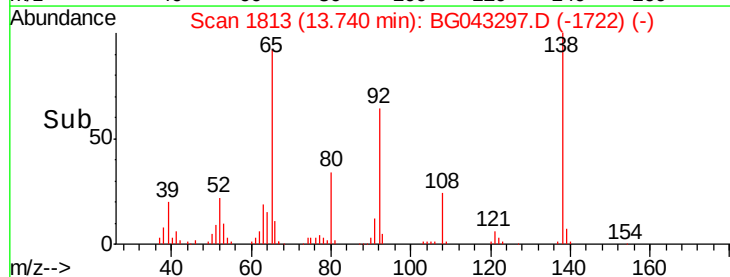
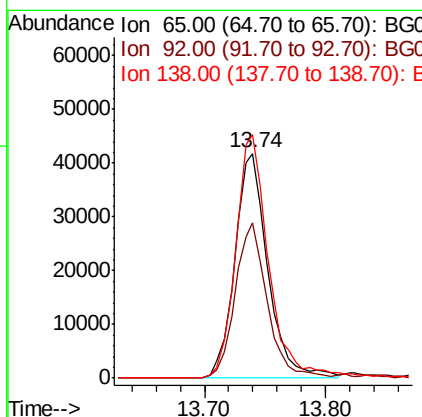
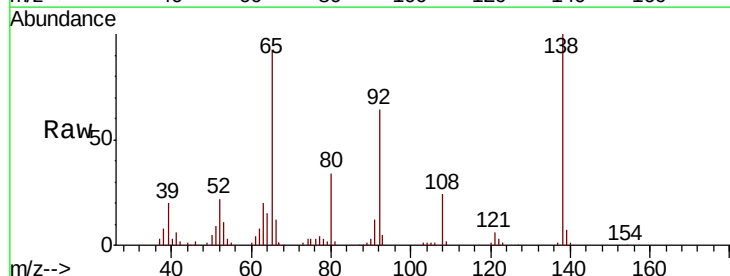
Instrument :  
BNA\_G  
ClientSampleId :

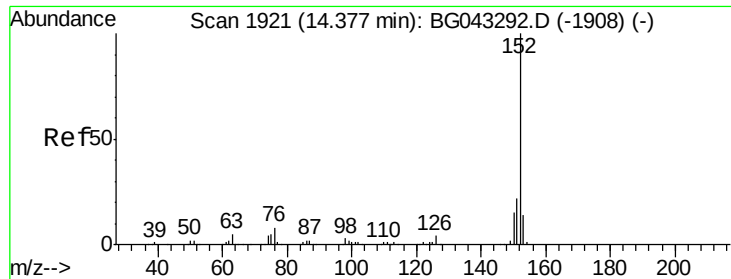
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 39.2  | 31.3  | 46.9  |
| 164     | 33.3  | 26.8  | 40.2  |



#48  
2-Nitroaniline  
Concen: 41.614 ng  
RT: 13.74 min Scan# 1813  
Delta R.T. 0.00 min  
Lab File: BG043297.D  
Acq: 21 Oct 2019 16:38

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 69.0  | 52.6  | 79.0  |
| 138     | 108.3 | 82.9  | 124.3 |





#49

Acenaphthylene

Concen: 41.604 ng

RT: 14.38 min Scan# 1922

Delta R.T. 0.00 min

Lab File: BG043297.D

Acq: 21 Oct 2019 16:38

Instrument :

BNA\_G

ClientSampleId :

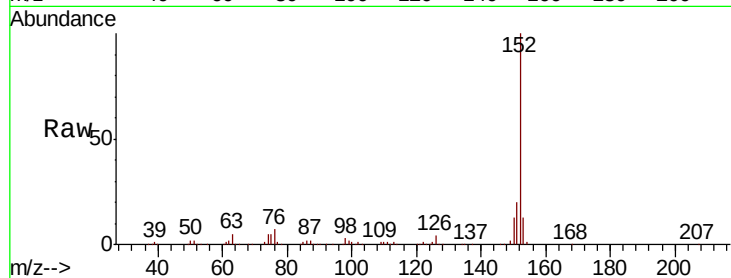
Tot Ion:152 Resp: 414183

Ion Ratio Lower Upper

152 100

151 19.9 17.2 25.8

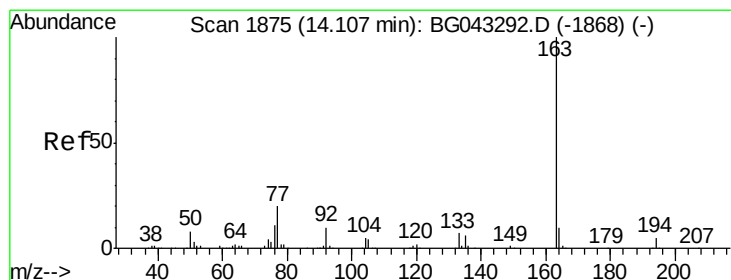
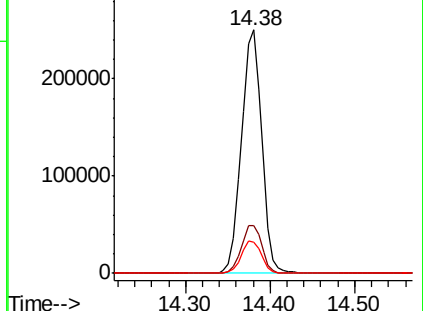
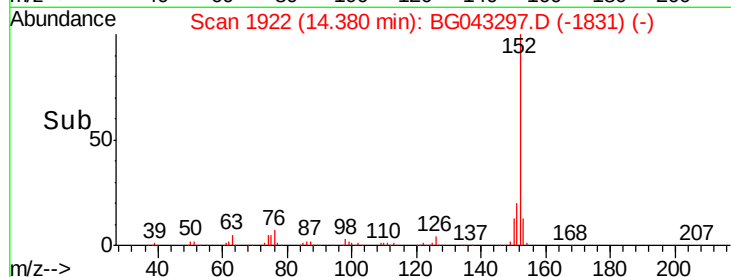
153 13.0 11.0 16.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 41.557 ng

RT: 14.11 min Scan# 1876

Delta R.T. 0.00 min

Lab File: BG043297.D

Acq: 21 Oct 2019 16:38

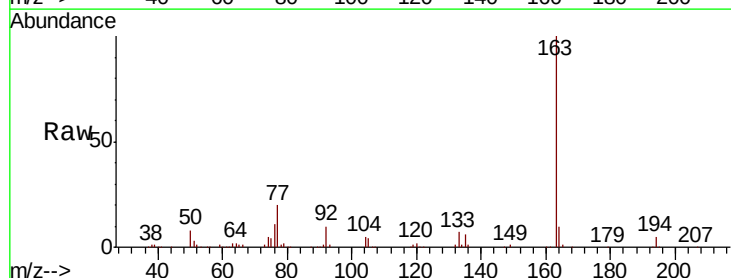
Tgt Ion:163 Resp: 355716

Ion Ratio Lower Upper

163 100

194 5.3 3.7 5.5

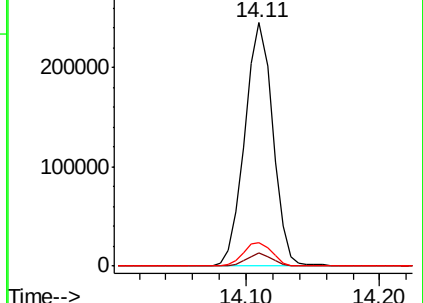
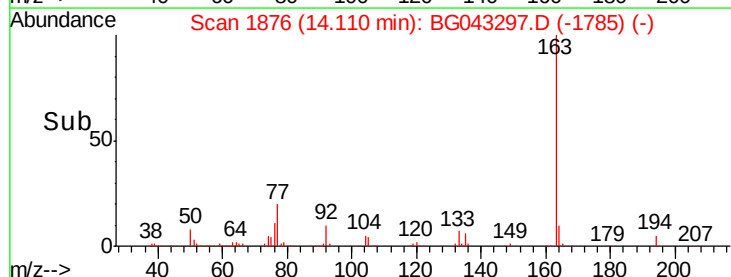
164 9.8 8.1 12.1

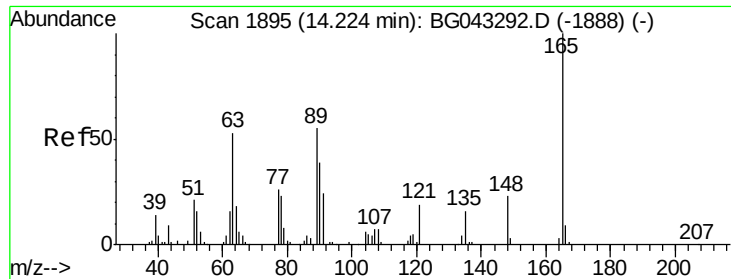


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

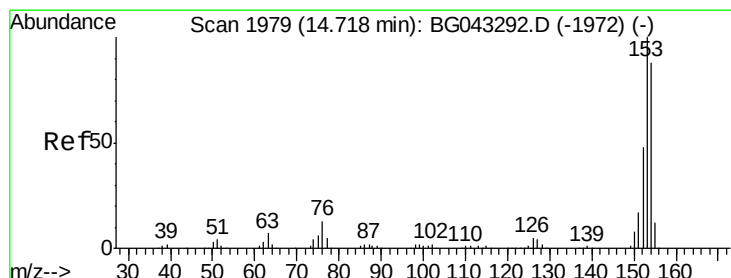
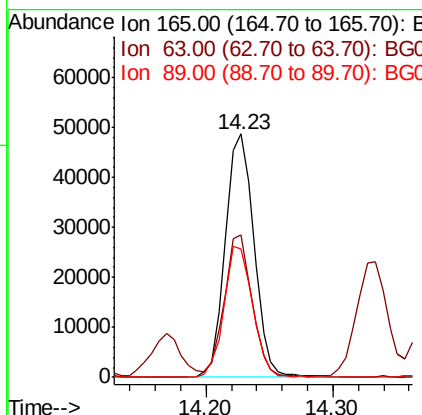
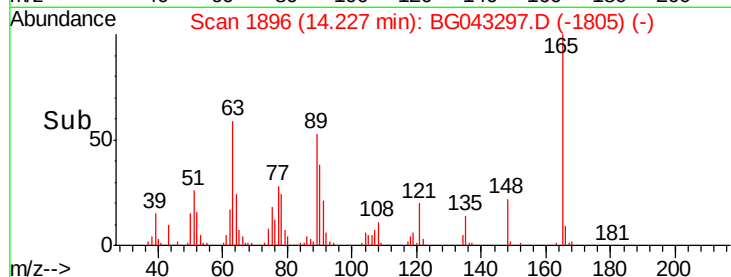
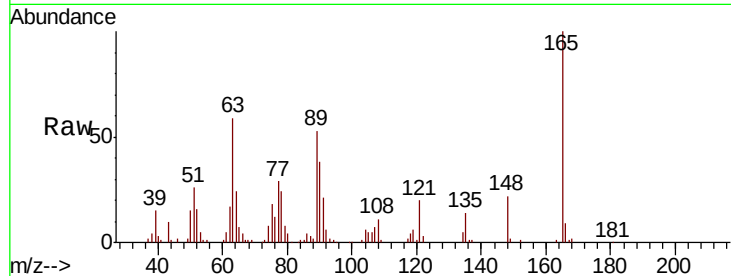




#51  
 2,6-Dinitrotoluene  
 Concen: 41.012 ng  
 RT: 14.23 min Scan# 1896  
 Delta R.T. 0.00 min  
 Lab File: BG043297.D  
 Acq: 21 Oct 2019 16:38

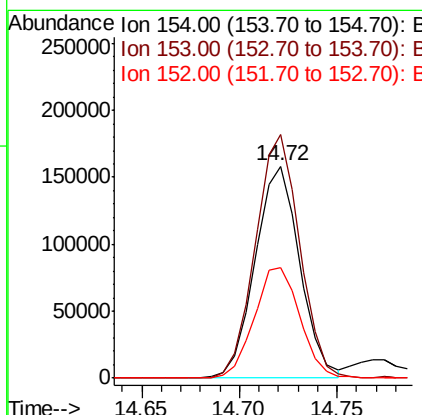
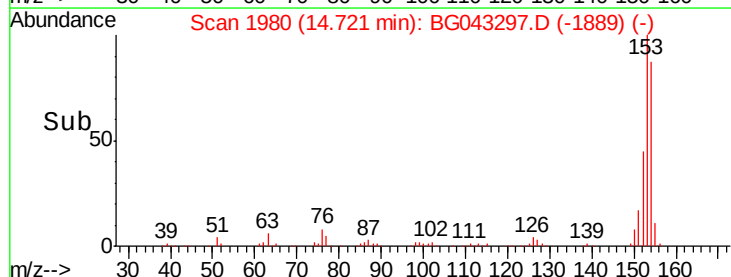
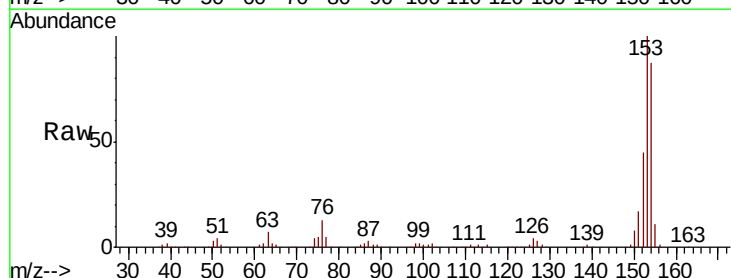
Instrument :  
 BNA\_G  
 ClientSampleId :

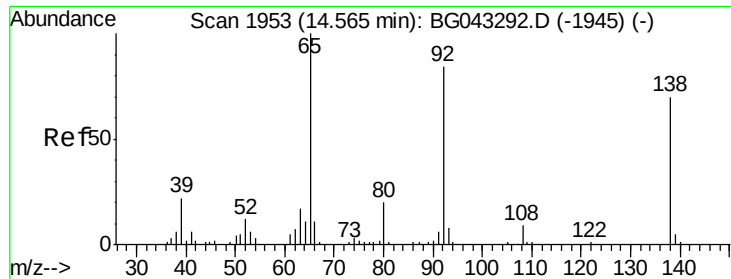
Tot Ion:165 Resp: 76264  
 Ion Ratio Lower Upper  
 165 100  
 63 58.5 47.1 70.7  
 89 52.9 43.7 65.5



#52  
 Acenaphthene  
 Concen: 41.132 ng  
 RT: 14.72 min Scan# 1980  
 Delta R.T. 0.00 min  
 Lab File: BG043297.D  
 Acq: 21 Oct 2019 16:38

Tgt Ion:154 Resp: 249715  
 Ion Ratio Lower Upper  
 154 100  
 153 114.9 90.9 136.3  
 152 52.1 43.9 65.9





#53

3-Nitroaniline

Concen: 42.635 ng

RT: 14.56 min Scan# 1953

Delta R.T. -0.00 min

Lab File: BG043297.D

Acq: 21 Oct 2019 16:38

Instrument :

BNA\_G

ClientSampled :

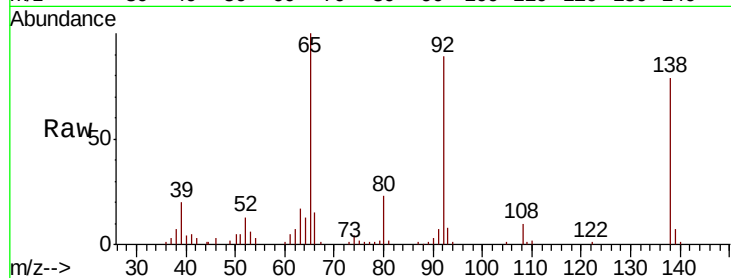
Tot Ion:138 Resp: 76545

Ion Ratio Lower Upper

138 100

108 12.6 9.8 14.6

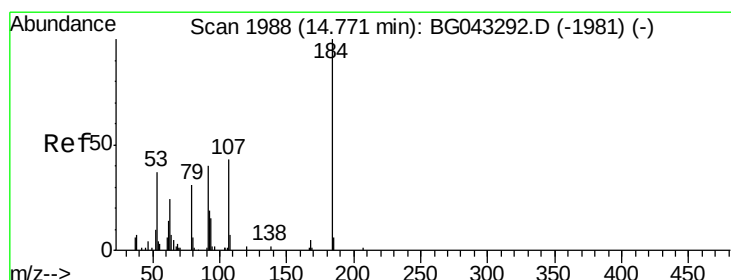
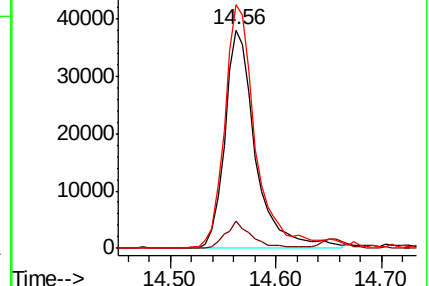
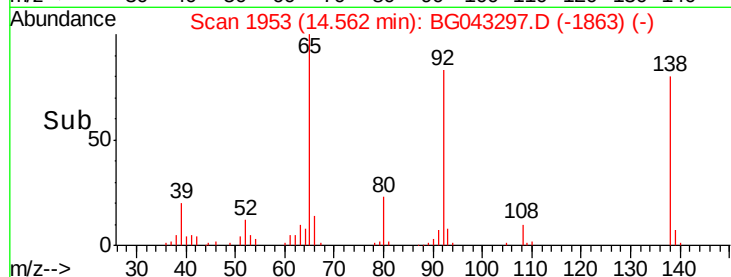
92 111.4 95.8 143.6



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 40.304 ng

RT: 14.77 min Scan# 1988

Delta R.T. -0.00 min

Lab File: BG043297.D

Acq: 21 Oct 2019 16:38

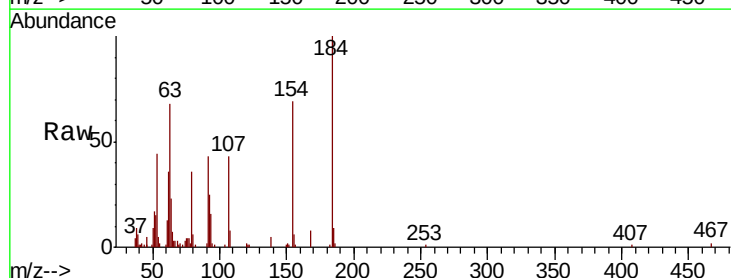
Tgt Ion:184 Resp: 42185

Ion Ratio Lower Upper

184 100

63 67.5 48.8 73.2

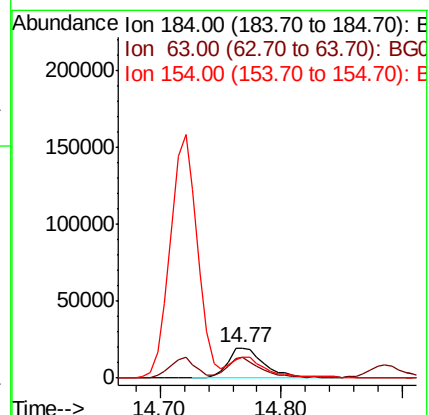
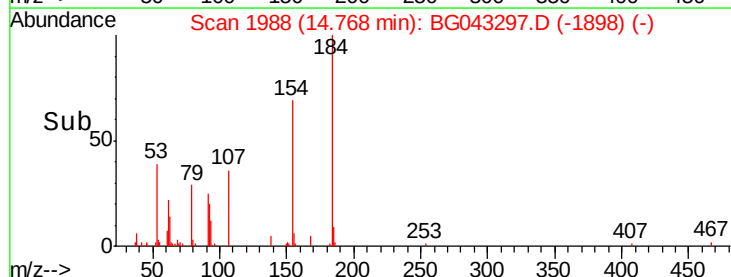
154 68.6 49.4 74.0

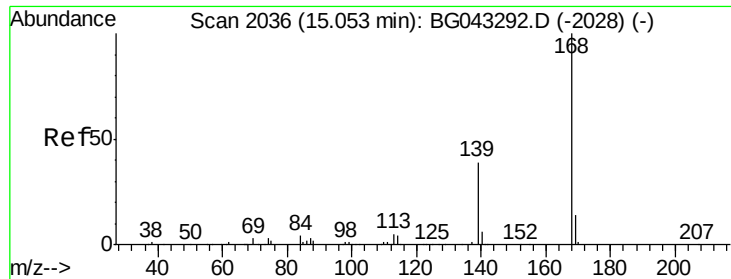


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

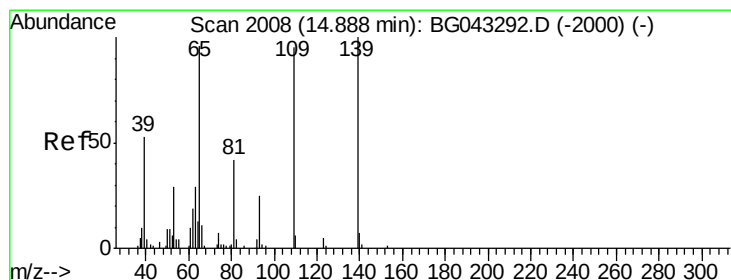
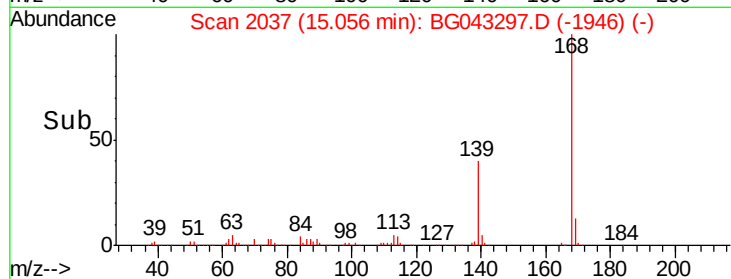
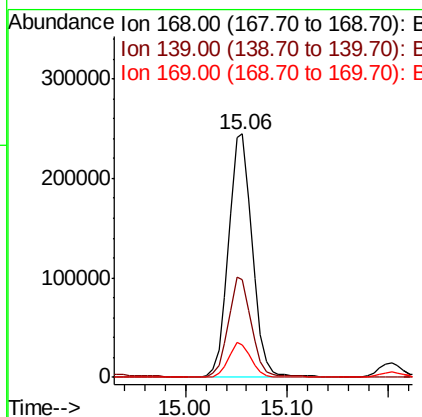
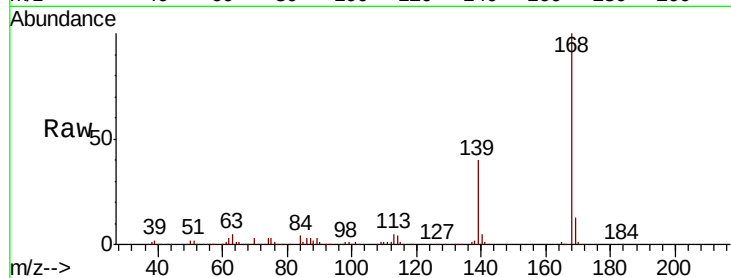




#55  
 Dibenzofuran  
 Concen: 40.393 ng  
 RT: 15.06 min Scan# 2037  
 Delta R.T. 0.00 min  
 Lab File: BG043297.D  
 Acq: 21 Oct 2019 16:38

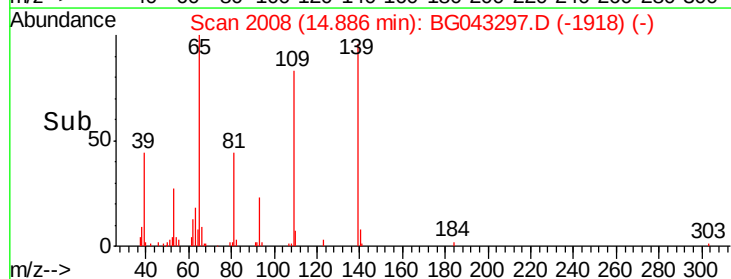
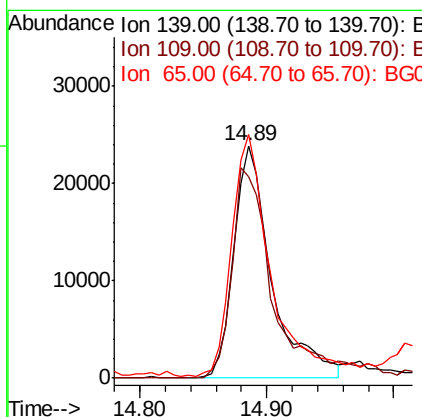
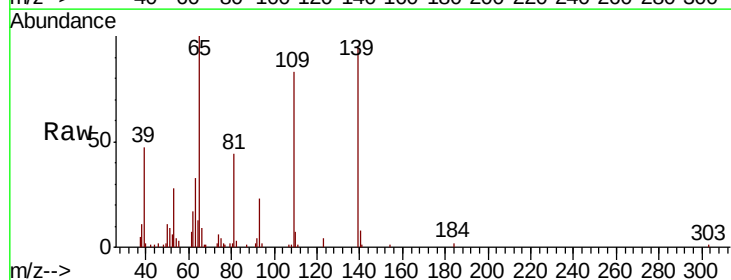
Instrument :  
 BNA\_G  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 168     | 100   |       |       |
| 139     | 40.1  | 31.7  | 47.5  |
| 169     | 13.5  | 11.0  | 16.4  |

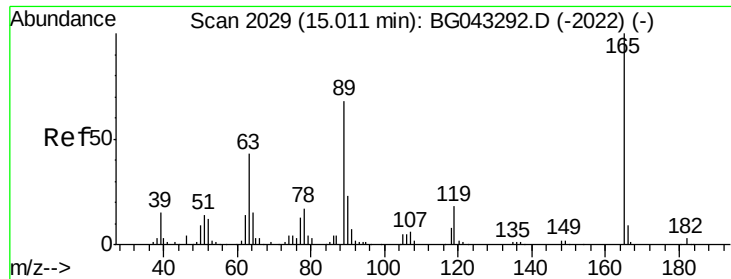


#56  
 4-Nitrophenol  
 Concen: 41.198 ng  
 RT: 14.89 min Scan# 2008  
 Delta R.T. -0.00 min  
 Lab File: BG043297.D  
 Acq: 21 Oct 2019 16:38

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 139     | 100   |       |       |
| 109     | 86.8  | 75.4  | 115.4 |
| 65      | 104.9 | 76.6  | 116.6 |



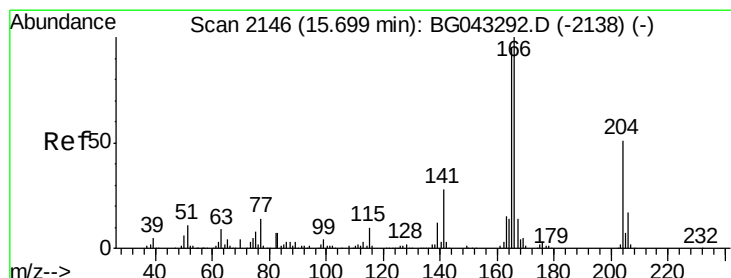
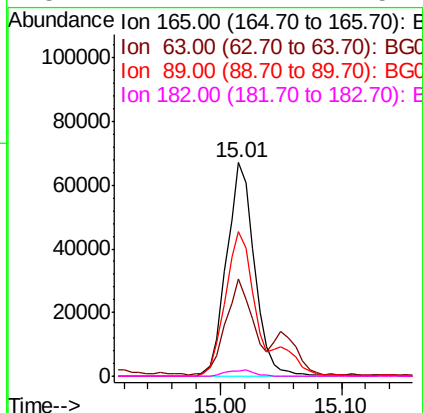
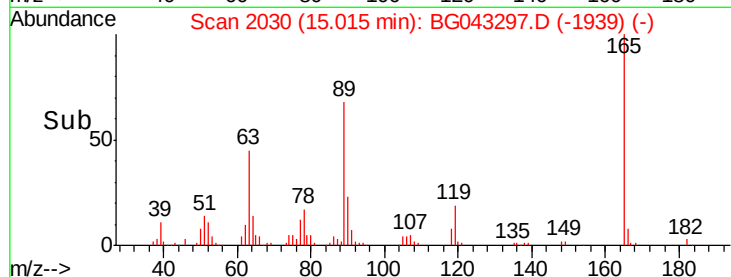
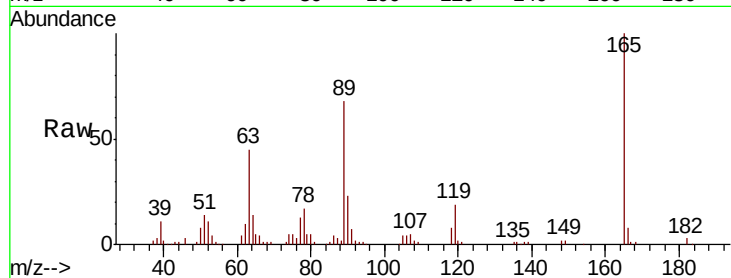




#57  
2,4-Dinitrotoluene  
Concen: 40.780 ng  
RT: 15.01 min Scan# 2030  
Delta R.T. 0.00 min  
Lab File: BG043297.D  
Acq: 21 Oct 2019 16:38

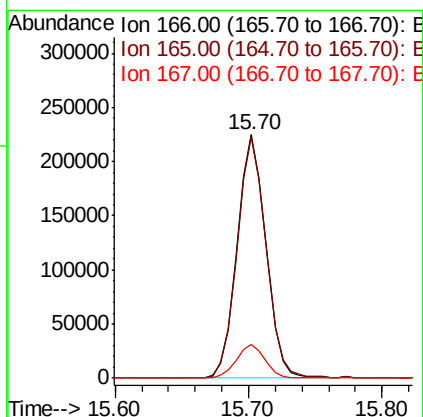
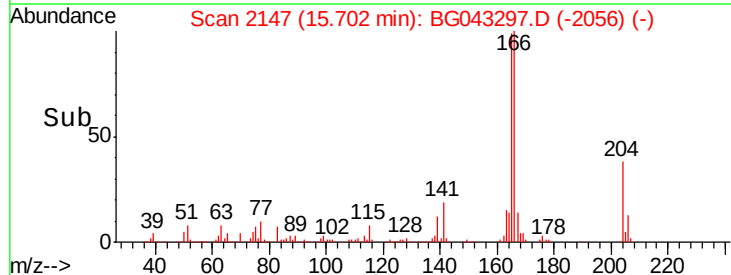
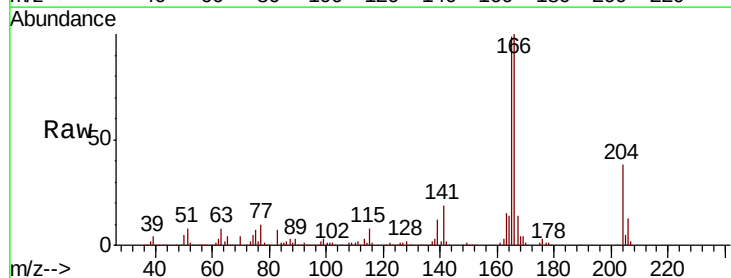
Instrument :  
BNA\_G  
ClientSampled :

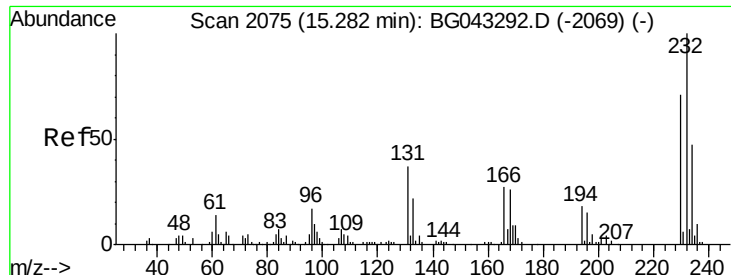
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 45.4  | 35.0  | 52.6  |
| 89      | 67.7  | 54.1  | 81.1  |
| 182     | 2.7   | 2.2   | 3.2   |



#58  
Fluorene  
Concen: 40.591 ng  
RT: 15.70 min Scan# 2147  
Delta R.T. 0.00 min  
Lab File: BG043297.D  
Acq: 21 Oct 2019 16:38

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 166     | 100   |       |       |
| 165     | 99.2  | 76.4  | 114.6 |
| 167     | 14.0  | 11.1  | 16.7  |

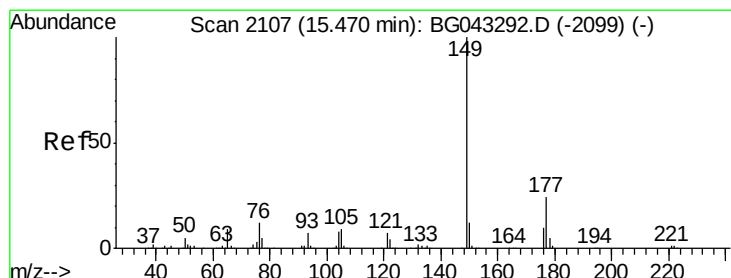
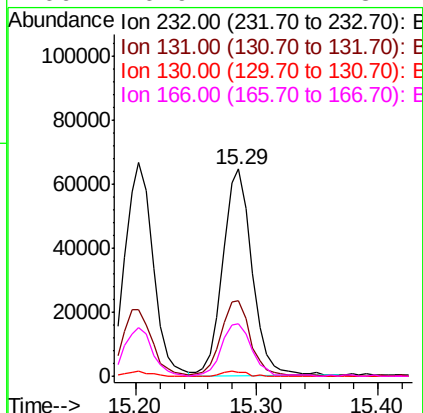
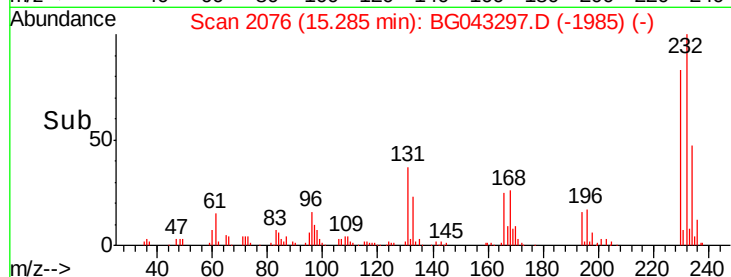
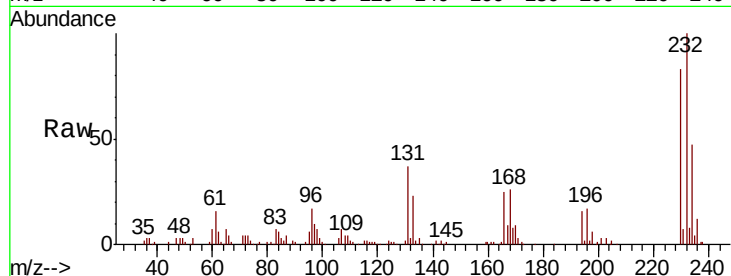




#59  
 2,3,4,6-Tetrachlorophenol  
 Concen: 41.740 ng  
 RT: 15.29 min Scan# 2076  
 Delta R.T. 0.00 min  
 Lab File: BG043297.D  
 Acq: 21 Oct 2019 16:38

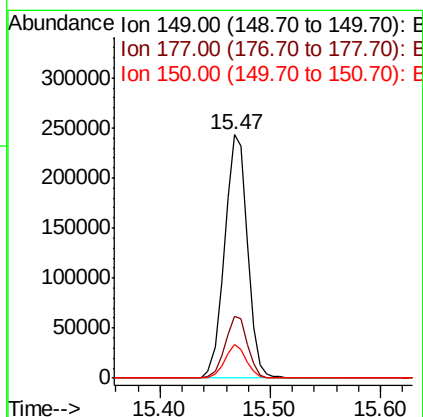
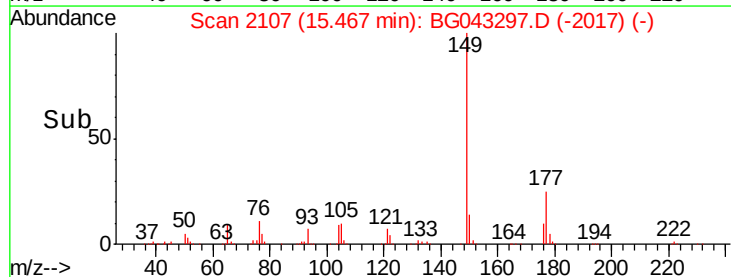
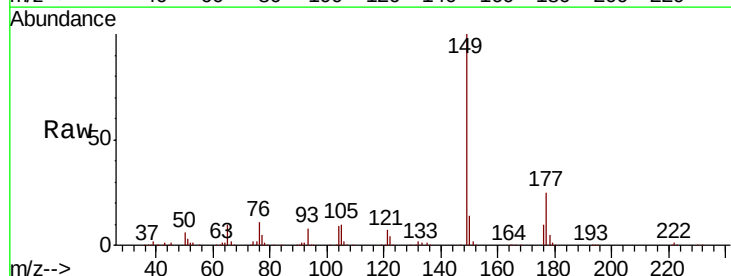
Instrument :  
 BNA\_G  
 ClientSampled :

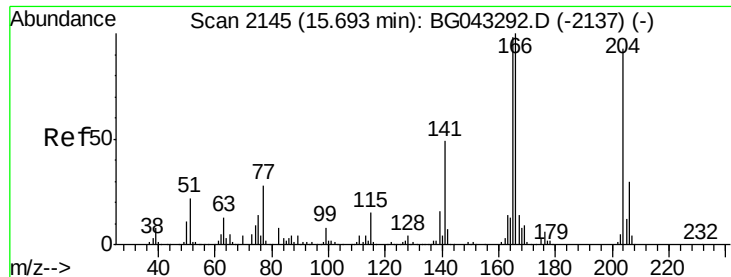
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 232     | 100   |       |       |
| 131     | 35.9  | 28.7  | 43.1  |
| 130     | 2.1   | 0.6   | 0.8   |
| 166     | 26.9  | 21.1  | 31.7  |



#60  
 Diethylphthalate  
 Concen: 40.961 ng  
 RT: 15.47 min Scan# 2107  
 Delta R.T. -0.00 min  
 Lab File: BG043297.D  
 Acq: 21 Oct 2019 16:38

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 177     | 25.2  | 19.0  | 28.4  |
| 150     | 13.9  | 9.4   | 14.0  |

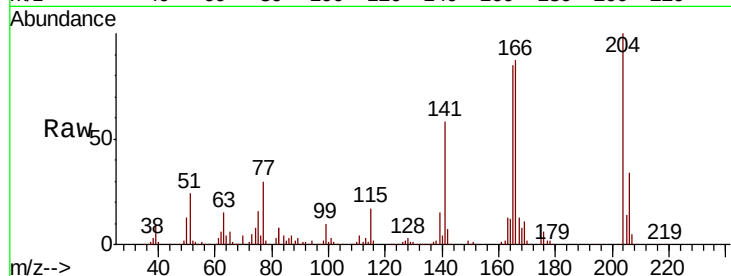




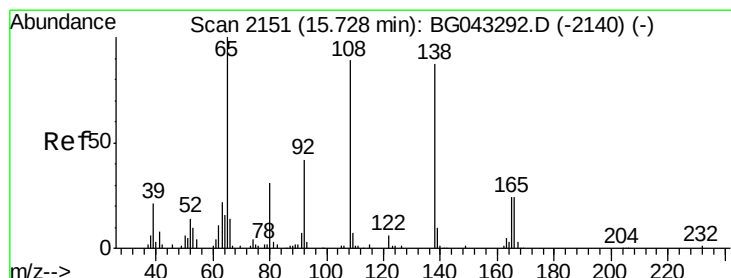
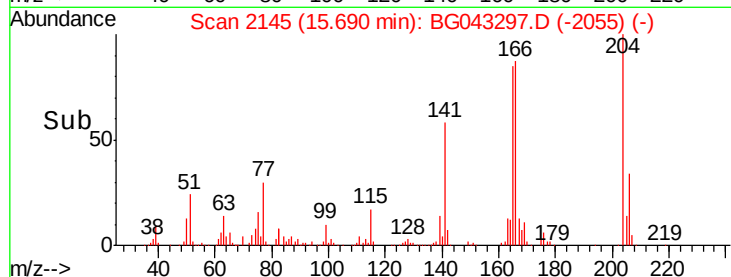
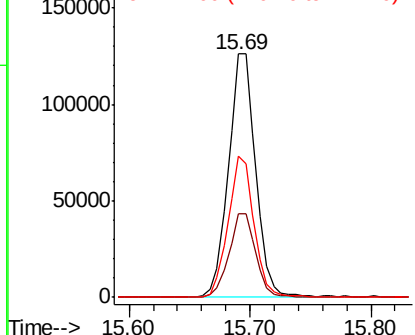
#61  
4-Chlorophenyl-phenylether  
Concen: 41.096 ng  
RT: 15.69 min Scan# 2145  
Delta R.T. -0.00 min  
Lab File: BG043297.D  
Acq: 21 Oct 2019 16:38

Instrument :  
BNA\_G  
ClientSampleId :

Tot Ion:204 Resp: 197962  
Ion Ratio Lower Upper  
204 100  
206 34.4 25.7 38.5  
141 58.1 42.3 63.5

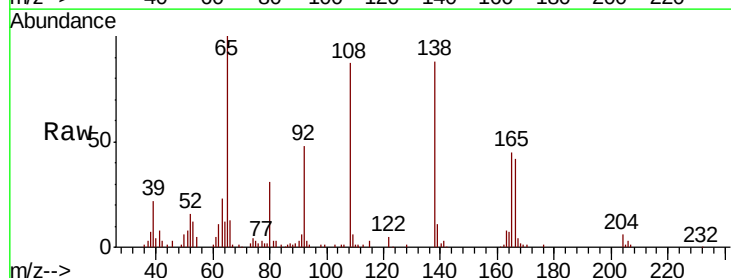


Abundance Ion 204.00 (203.70 to 204.70): E  
Ion 206.00 (205.70 to 206.70): E  
Ion 141.00 (140.70 to 141.70): E

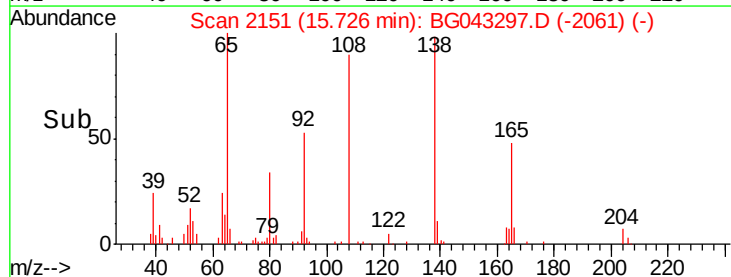
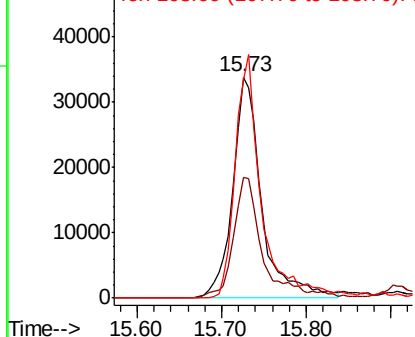


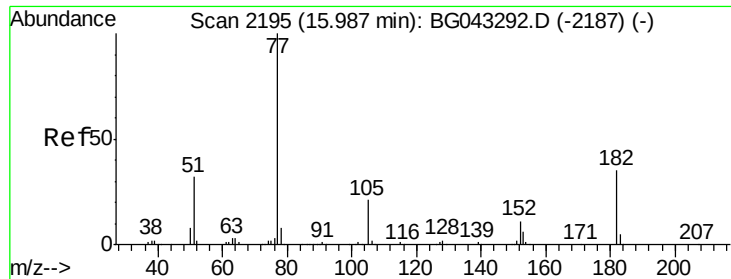
#62  
4-Nitroaniline  
Concen: 43.146 ng  
RT: 15.73 min Scan# 2151  
Delta R.T. -0.00 min  
Lab File: BG043297.D  
Acq: 21 Oct 2019 16:38

Tgt Ion:138 Resp: 79999  
Ion Ratio Lower Upper  
138 100  
92 54.7 28.8 68.8  
108 98.4 82.7 122.7



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





#63

Azobenzene

Concen: 41.608 ng

RT: 15.98 min Scan# 2195

Delta R.T. -0.00 min

Lab File: BG043297.D

Acq: 21 Oct 2019 16:38

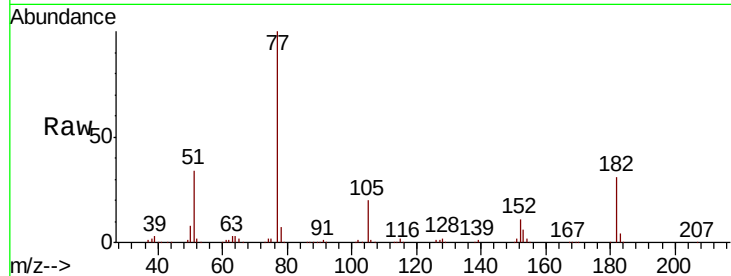
Instrument :

BNA\_G

ClientSampleId :

Tot Ion: 77 Resp: 289618

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 182 | 31.5  | 14.9  | 54.9  |
| 105 | 19.8  | 0.6   | 40.6  |
| 51  | 33.7  | 12.5  | 52.5  |

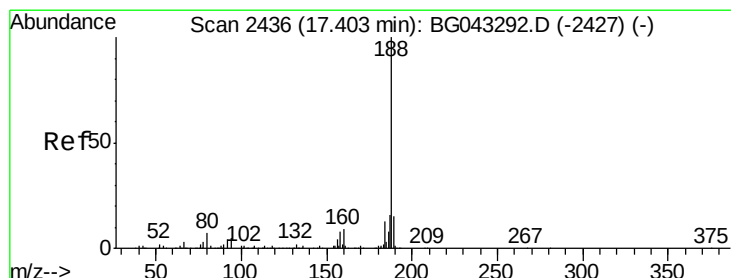
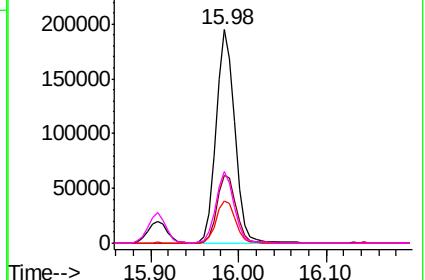
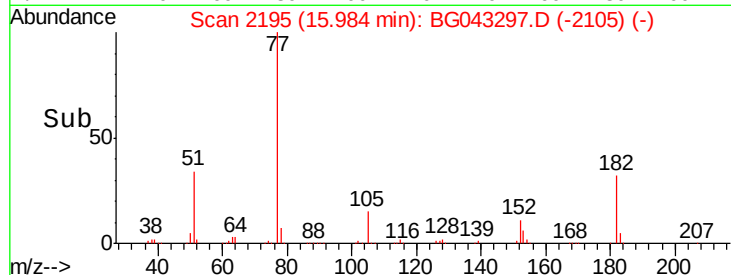


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.40 min Scan# 2436

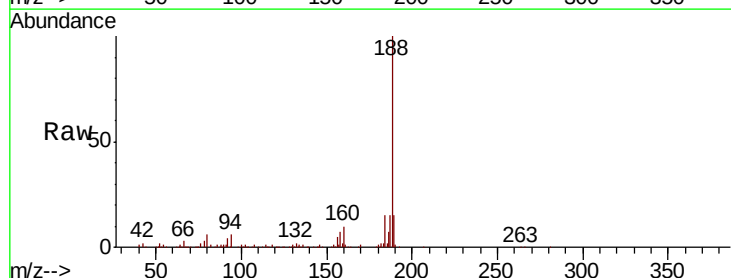
Delta R.T. -0.00 min

Lab File: BG043297.D

Acq: 21 Oct 2019 16:38

Tgt Ion: 188 Resp: 257246

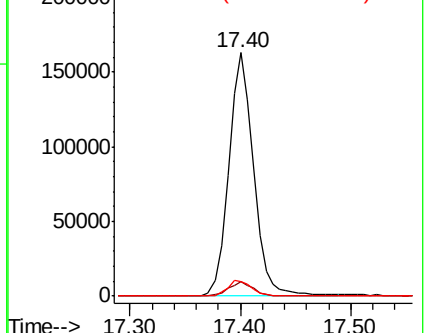
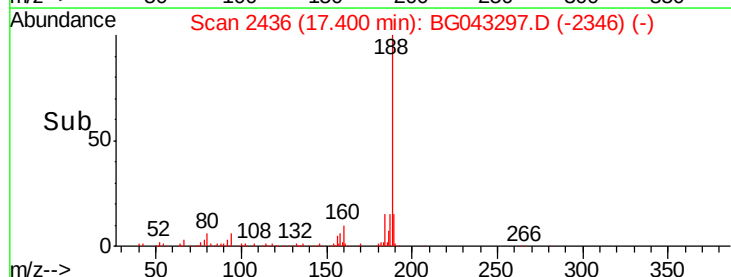
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 188 | 100   |       |       |
| 94  | 6.1   | 4.2   | 6.2   |
| 80  | 6.0   | 5.2   | 7.8   |

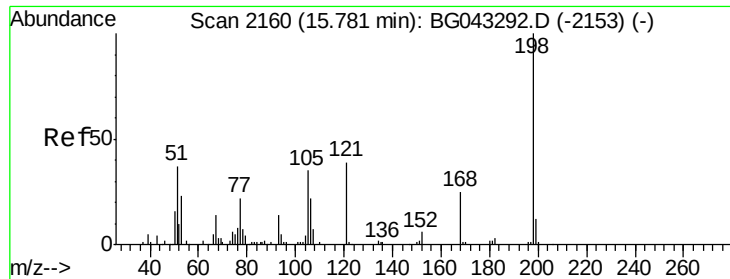


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 42.786 ng

RT: 15.78 min Scan# 2160

Delta R.T. -0.00 min

Lab File: BG043297.D

Acq: 21 Oct 2019 16:38

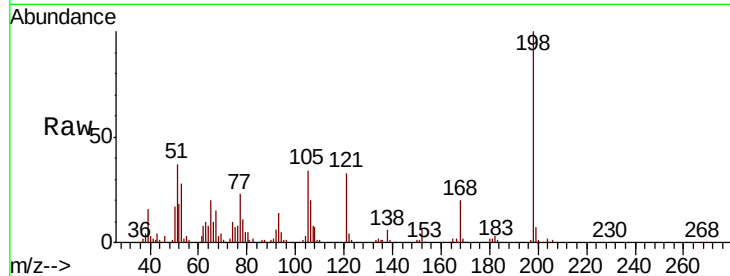
Instrument :

BNA\_G

ClientSampled :

Tot Ion:198 Resp: 64773

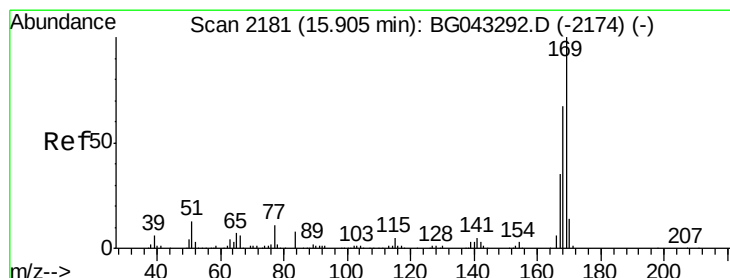
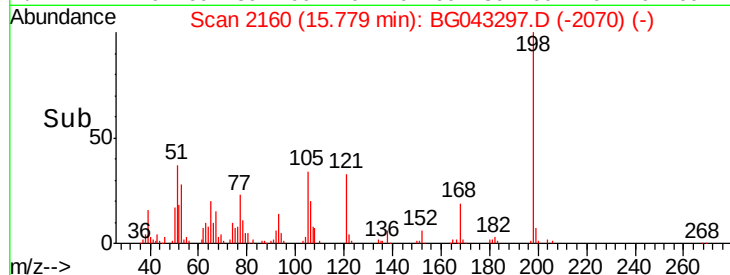
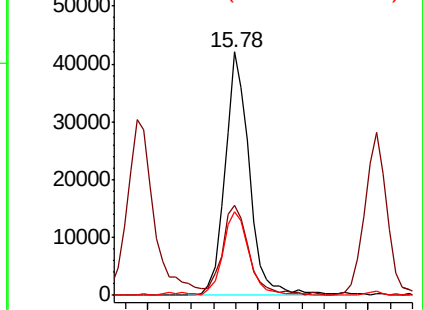
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 198 | 100   |       |       |
| 51  | 37.0  | 21.4  | 61.4  |
| 105 | 34.2  | 16.5  | 56.5  |



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: 40.657 ng

RT: 15.91 min Scan# 2182

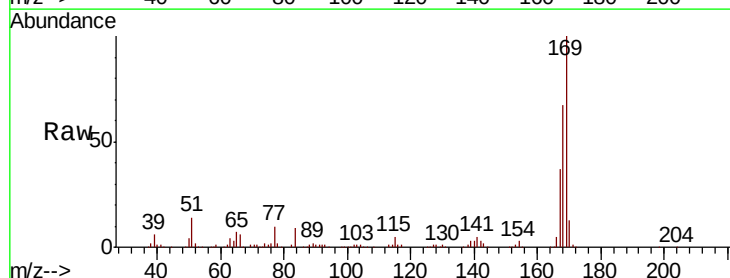
Delta R.T. 0.00 min

Lab File: BG043297.D

Acq: 21 Oct 2019 16:38

Tgt Ion:169 Resp: 295283

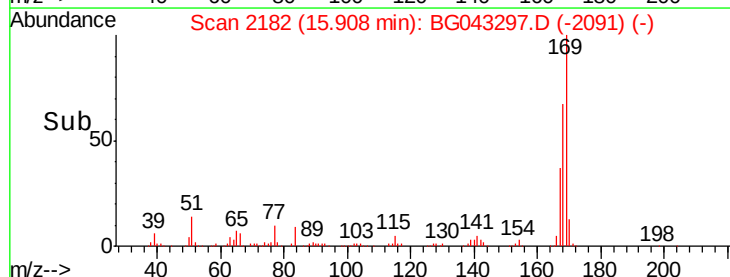
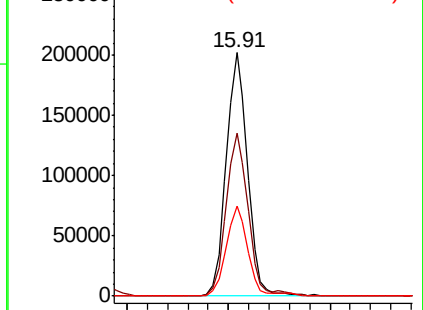
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 169 | 100   |       |       |
| 168 | 67.2  | 53.9  | 80.9  |
| 167 | 36.8  | 28.3  | 42.5  |

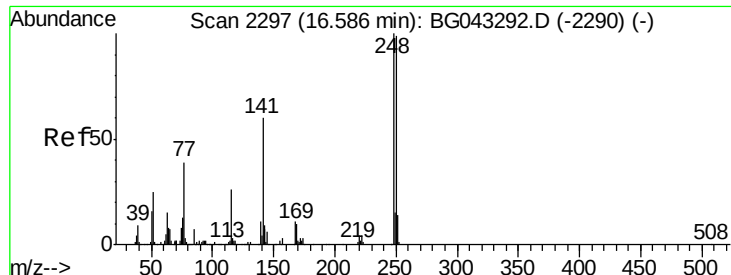


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

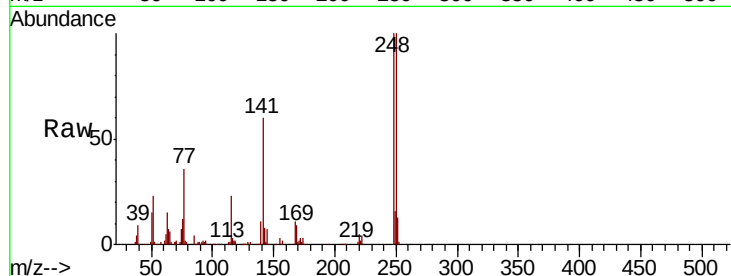




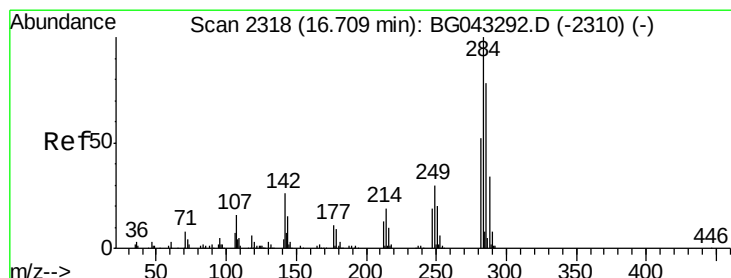
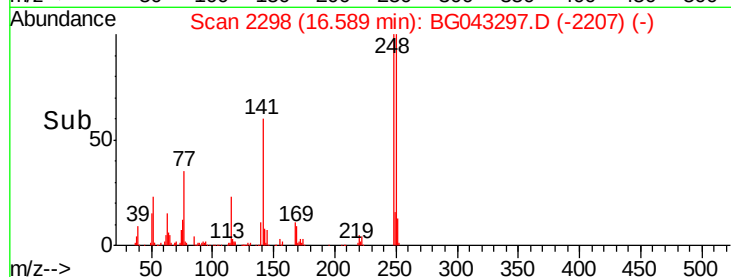
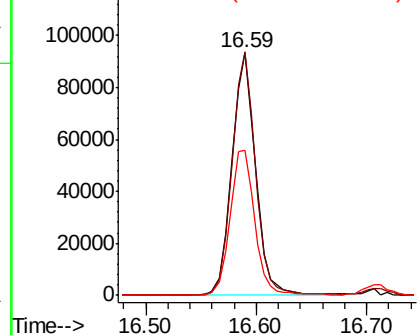
#67  
4-Bromophenyl-phenylether  
Concen: 40.835 ng  
RT: 16.59 min Scan# 2298  
Delta R.T. 0.00 min  
Lab File: BG043297.D  
Acq: 21 Oct 2019 16:38

Instrument :  
BNA\_G  
ClientSampleId :

Tot Ion:248 Resp: 141370  
Ion Ratio Lower Upper  
248 100  
250 100.4 79.3 118.9  
141 60.0 47.9 71.9

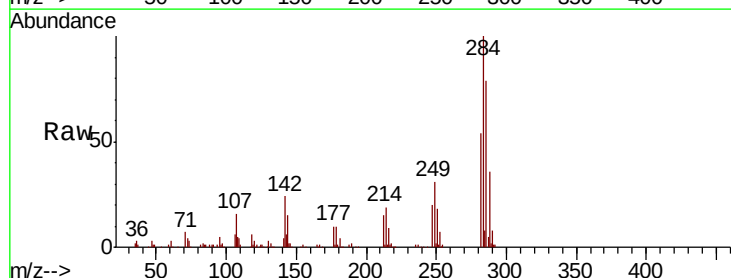


Abundance Ion 248.00 (247.70 to 248.70): E  
Ion 250.00 (249.70 to 250.70): E  
Ion 141.00 (140.70 to 141.70): E

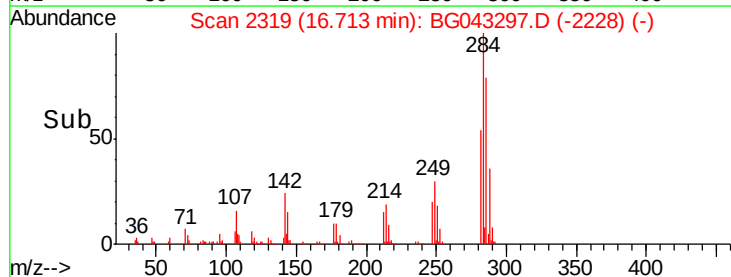
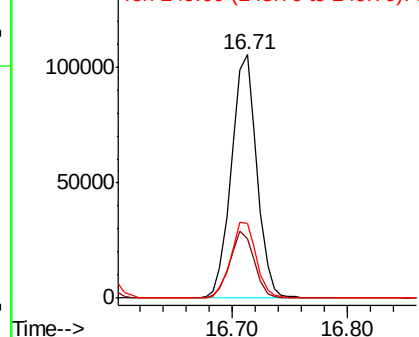


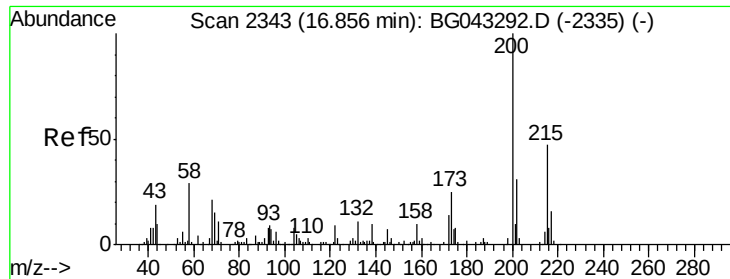
#68  
Hexachlorobenzene  
Concen: 40.419 ng  
RT: 16.71 min Scan# 2319  
Delta R.T. 0.00 min  
Lab File: BG043297.D  
Acq: 21 Oct 2019 16:38

Tgt Ion:284 Resp: 160621  
Ion Ratio Lower Upper  
284 100  
142 24.2 21.1 31.7  
249 30.6 24.4 36.6



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





#69

Atrazine

Concen: 40.029 ng

RT: 16.85 min Scan# 2343

Delta R.T. -0.00 min

Lab File: BG043297.D

Acq: 21 Oct 2019 16:38

Instrument :

BNA\_G

ClientSampled :

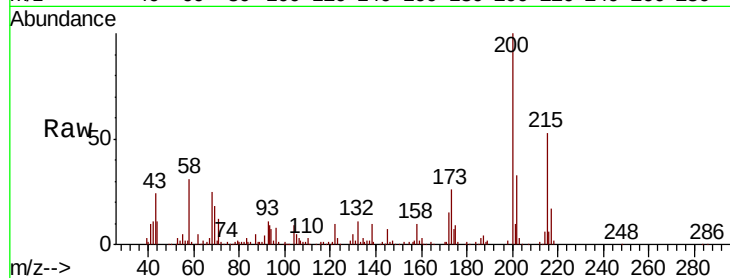
Tot Ion:200 Resp: 101019

Ion Ratio Lower Upper

200 100

173 25.7 5.1 45.1

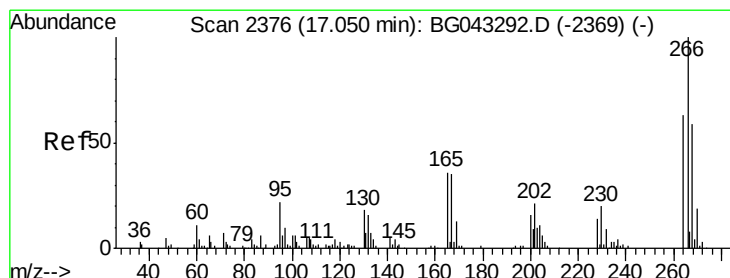
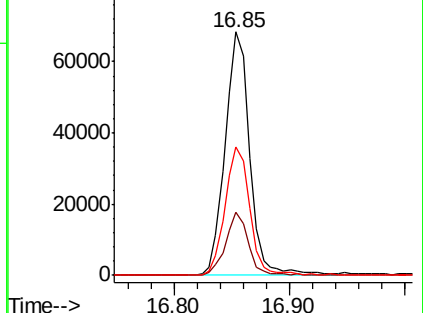
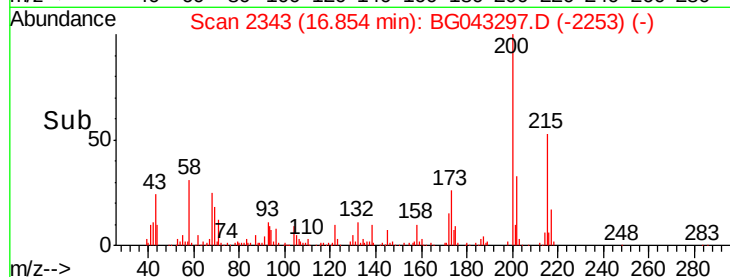
215 52.8 26.6 66.6



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 42.437 ng

RT: 17.06 min Scan# 2378

Delta R.T. 0.01 min

Lab File: BG043297.D

Acq: 21 Oct 2019 16:38

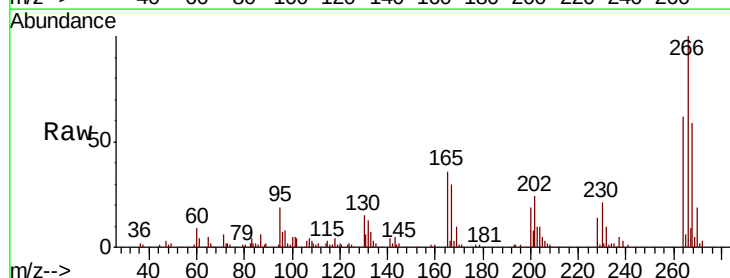
Tgt Ion:266 Resp: 76842

Ion Ratio Lower Upper

266 100

268 58.8 47.1 70.7

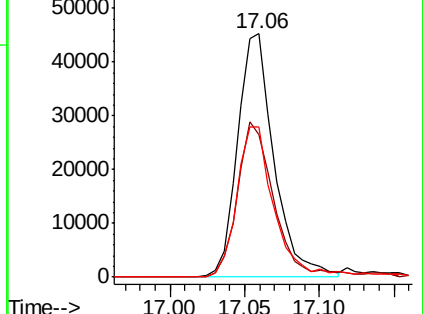
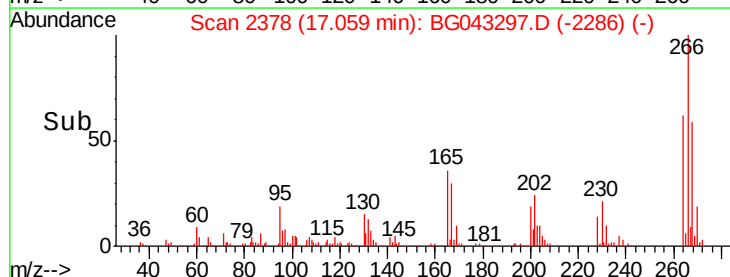
264 61.8 50.4 75.6

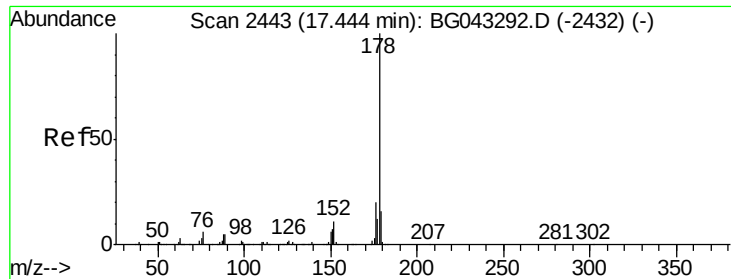


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 41.269 ng

RT: 17.44 min Scan# 2443

Delta R.T. -0.00 min

Lab File: BG043297.D

Acq: 21 Oct 2019 16:38

Instrument :

BNA\_G

ClientSampleId :

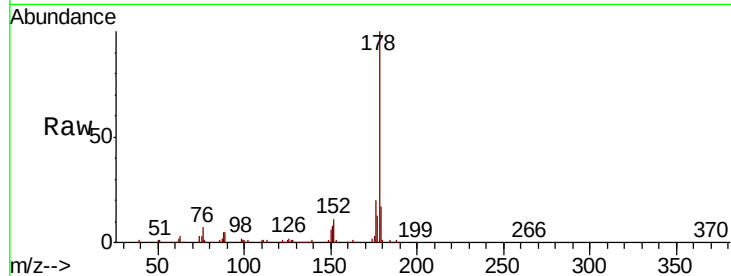
Tot Ion:178 Resp: 543635

Ion Ratio Lower Upper

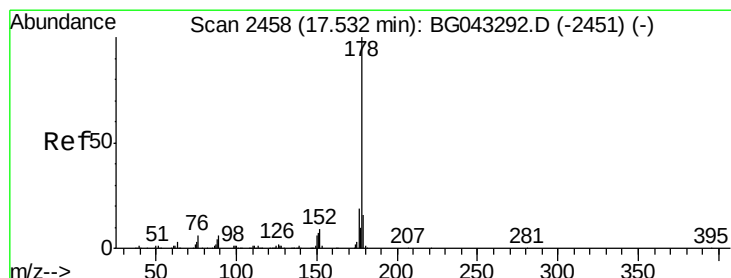
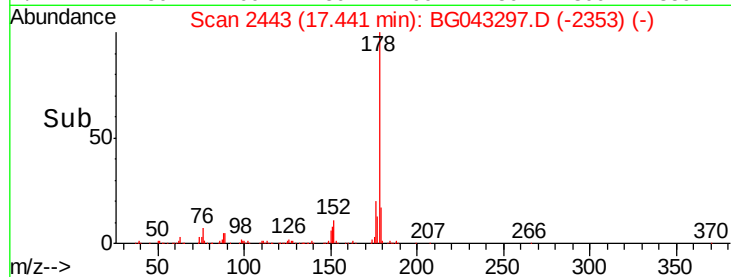
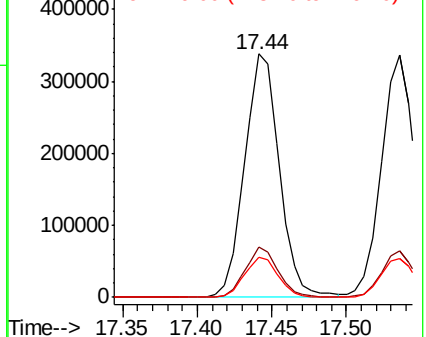
178 100

176 20.4 15.8 23.8

179 16.7 13.1 19.7



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



#72

Anthracene

Concen: 40.992 ng

RT: 17.54 min Scan# 2459

Delta R.T. 0.00 min

Lab File: BG043297.D

Acq: 21 Oct 2019 16:38

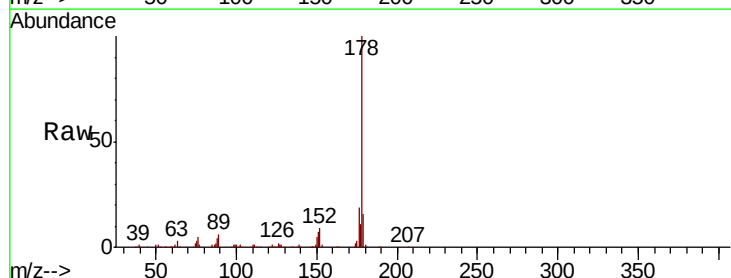
Tgt Ion:178 Resp: 540267

Ion Ratio Lower Upper

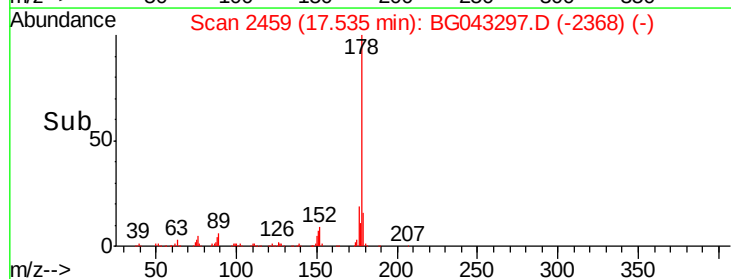
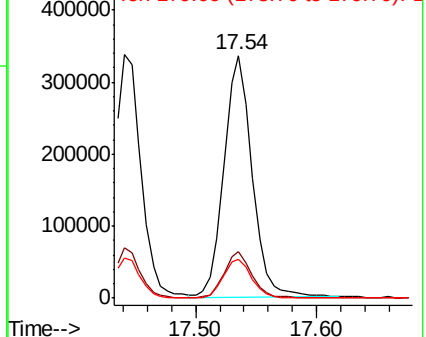
178 100

176 19.3 15.1 22.7

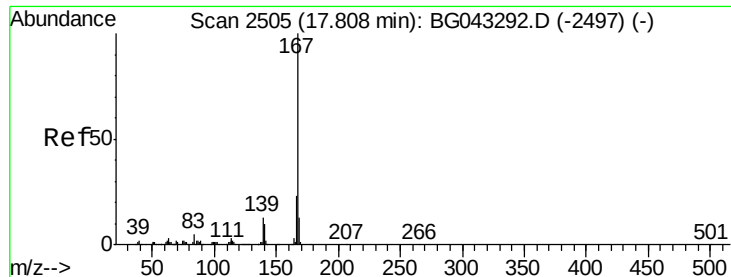
179 16.0 13.0 19.6



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







#73

Carbazole

Concen: 41.807 ng

RT: 17.81 min Scan# 2505

Delta R.T. -0.00 min

Lab File: BG043297.D

Acq: 21 Oct 2019 16:38

Instrument :

BNA\_G

ClientSampleId :

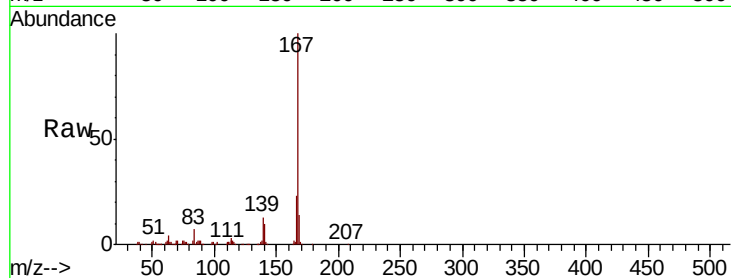
Tot Ion:167 Resp: 498982

Ion Ratio Lower Upper

167 100

166 22.5 18.4 27.6

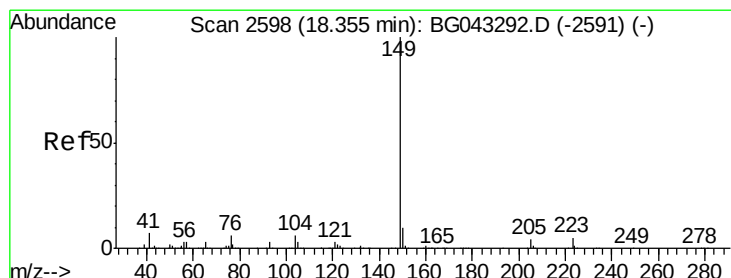
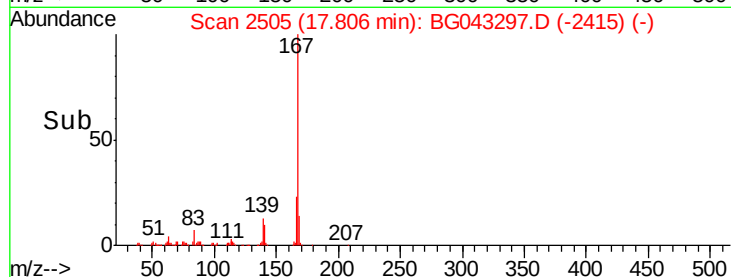
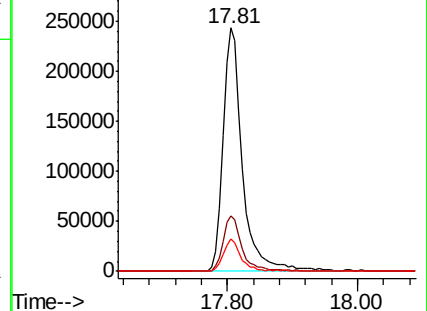
139 13.1 10.2 15.4



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: 41.663 ng

RT: 18.36 min Scan# 2599

Delta R.T. 0.00 min

Lab File: BG043297.D

Acq: 21 Oct 2019 16:38

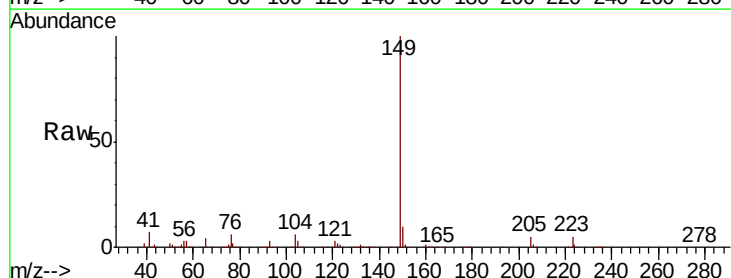
Tgt Ion:149 Resp: 603351

Ion Ratio Lower Upper

149 100

150 9.8 8.0 12.0

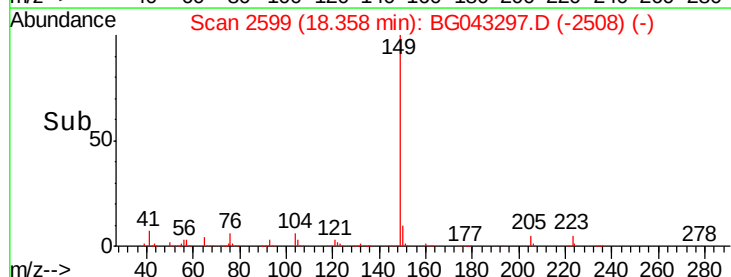
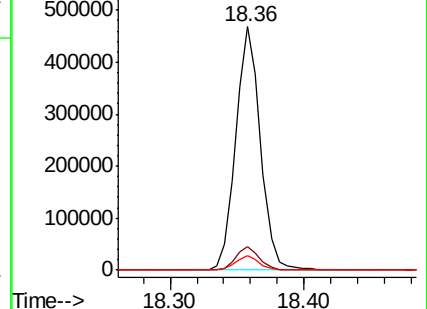
104 6.0 4.7 7.1

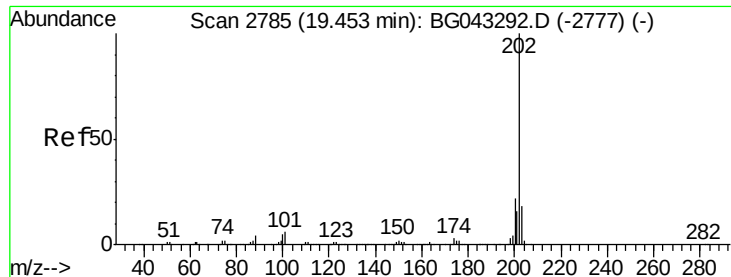


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 41.670 ng

RT: 19.45 min Scan# 2785

Delta R.T. -0.00 min

Lab File: BG043297.D

Acq: 21 Oct 2019 16:38

Instrument :

BNA\_G

ClientSampleId :

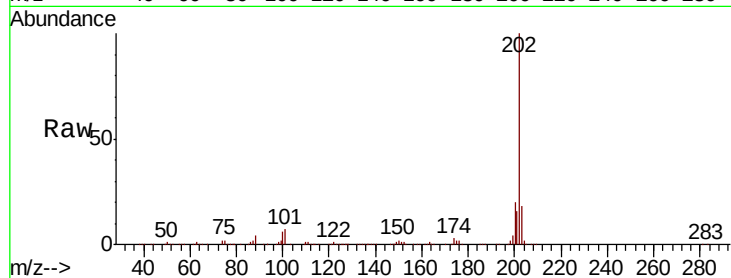
Tot Ion:202 Resp: 715610

Ion Ratio Lower Upper

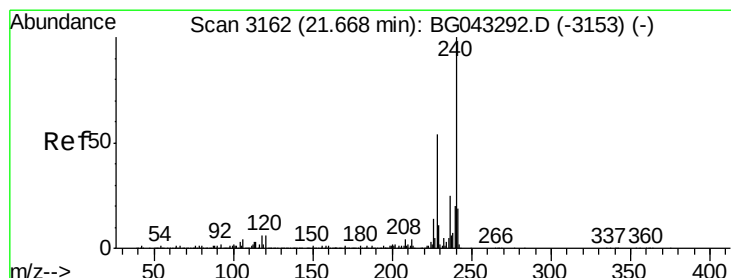
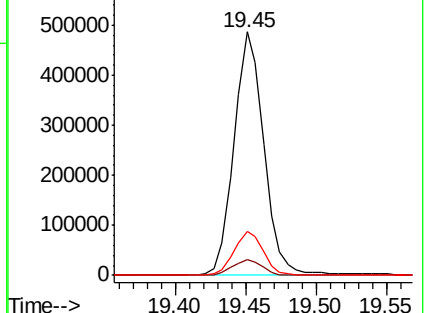
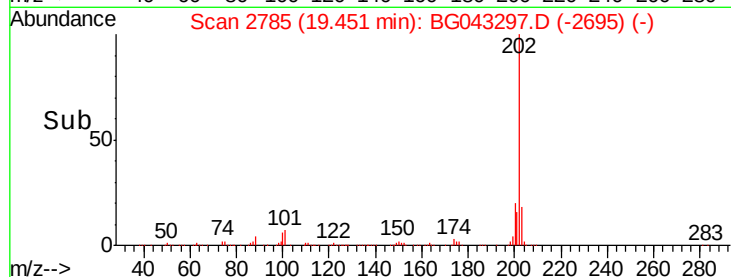
202 100

101 6.6 0.0 26.0

203 18.1 0.0 38.2



Abundance Ion 202.00 (201.70 to 202.70): E  
Ion 101.00 (100.70 to 101.70): E  
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.67 min Scan# 3163

Delta R.T. 0.00 min

Lab File: BG043297.D

Acq: 21 Oct 2019 16:38

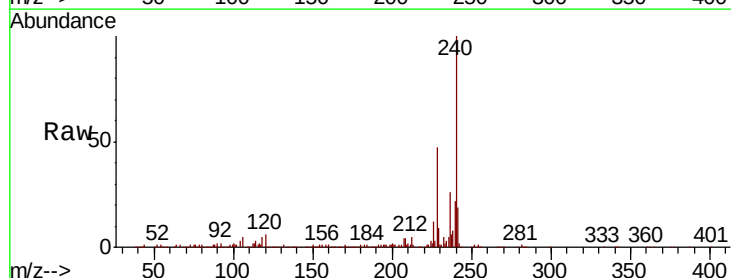
Tgt Ion:240 Resp: 281802

Ion Ratio Lower Upper

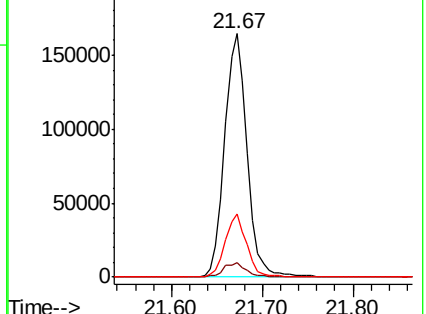
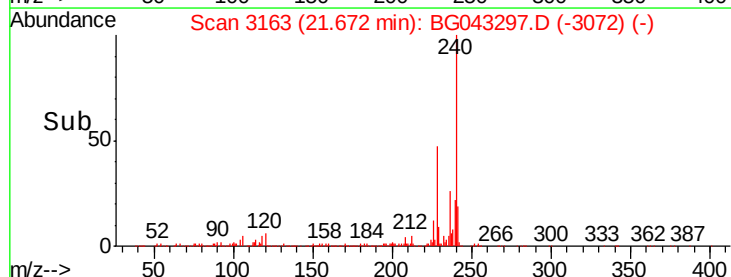
240 100

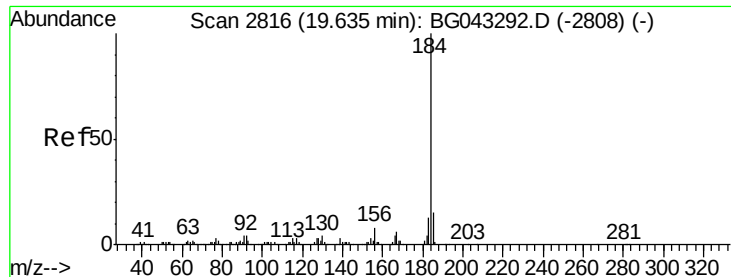
120 5.7 4.6 7.0

236 25.9 20.2 30.4



Abundance Ion 240.00 (239.70 to 240.70): E  
Ion 120.00 (119.70 to 120.70): E  
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 37.526 ng

RT: 19.64 min Scan# 2817

Delta R.T. 0.00 min

Lab File: BG043297.D

Acq: 21 Oct 2019 16:38

Instrument :

BNA\_G

ClientSampleId :

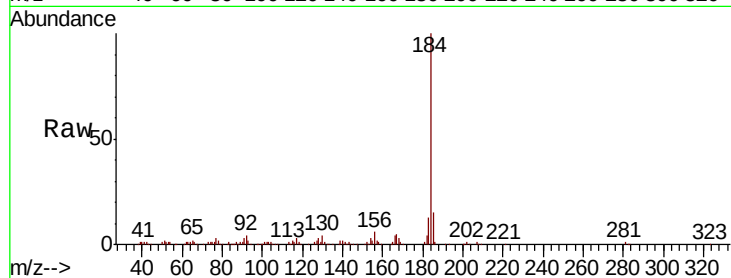
Tot Ion:184 Resp: 212826

Ion Ratio Lower Upper

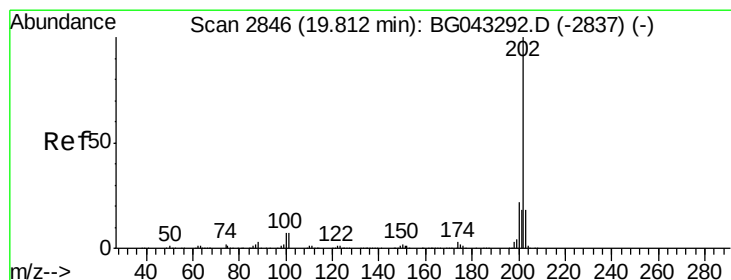
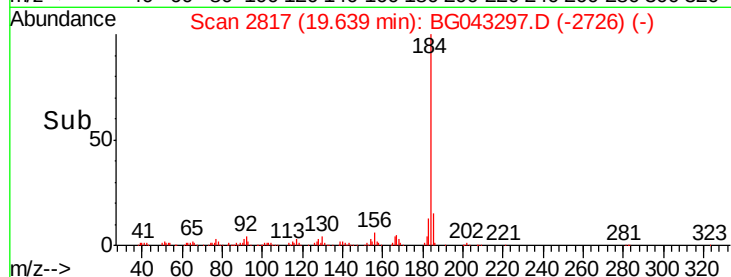
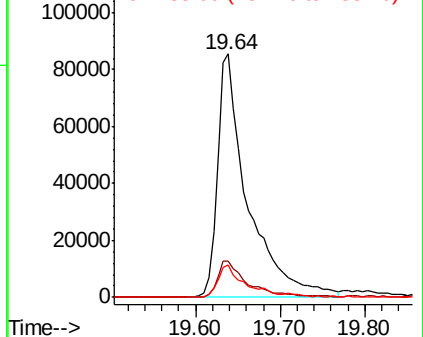
184 100

185 15.0 11.8 17.6

183 13.3 10.6 16.0



Abundance Ion 184.00 (183.70 to 184.70): E  
Ion 185.00 (184.70 to 185.70): E  
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 42.061 ng

RT: 19.82 min Scan# 2847

Delta R.T. 0.00 min

Lab File: BG043297.D

Acq: 21 Oct 2019 16:38

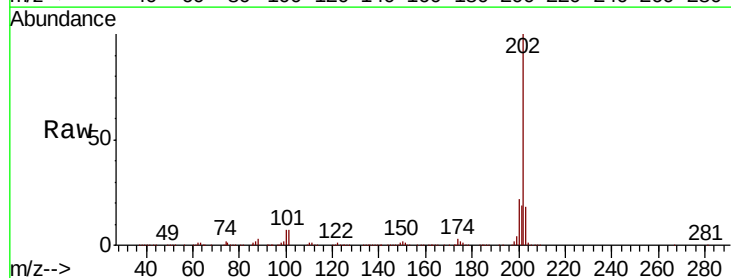
Tgt Ion:202 Resp: 733678

Ion Ratio Lower Upper

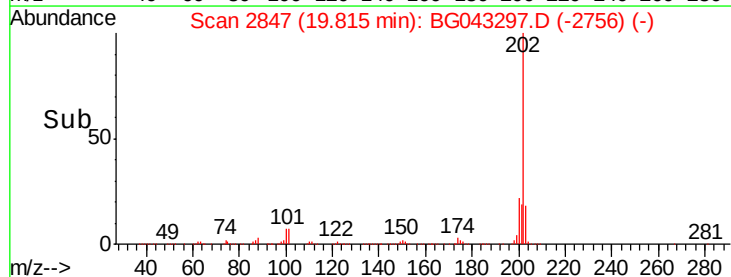
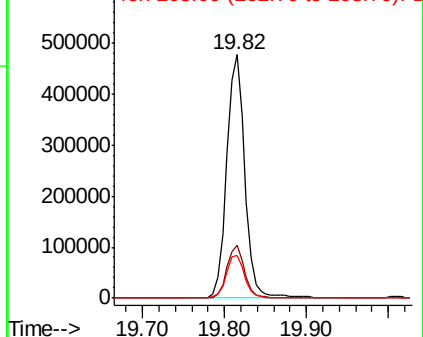
202 100

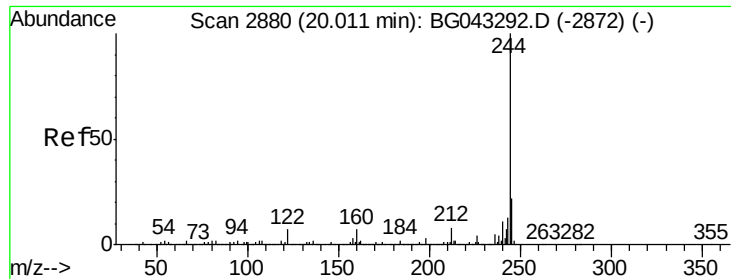
200 21.8 17.3 25.9

203 17.7 14.5 21.7



Abundance Ion 202.00 (201.70 to 202.70): E  
Ion 200.00 (199.70 to 200.70): E  
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 84.776 ng

RT: 20.01 min Scan# 2880

Delta R.T. -0.00 min

Lab File: BG043297.D

Acq: 21 Oct 2019 16:38

Instrument :

BNA\_G

ClientSampled :

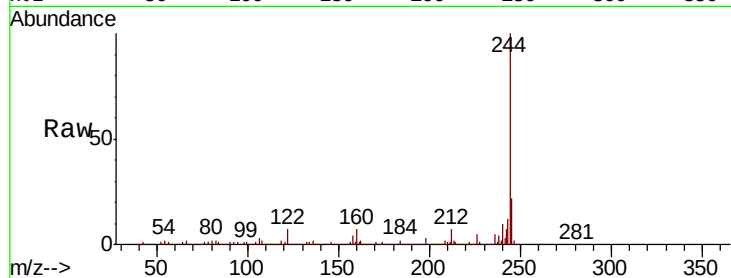
Tot Ion:244 Resp: 1273412

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 244 | 100   |       |       |
| 212 | 7.4   | 6.4   | 9.6   |
| 122 | 7.3   | 5.3   | 7.9   |

244 100

212 7.4 6.4 9.6

122 7.3 5.3 7.9

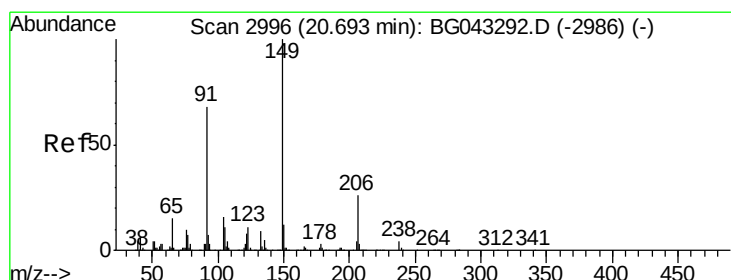
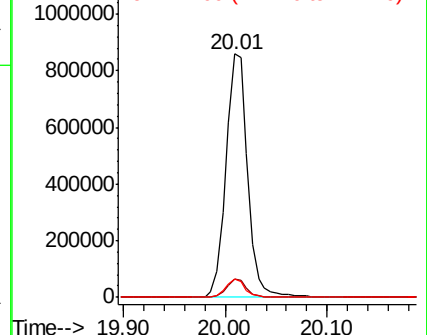
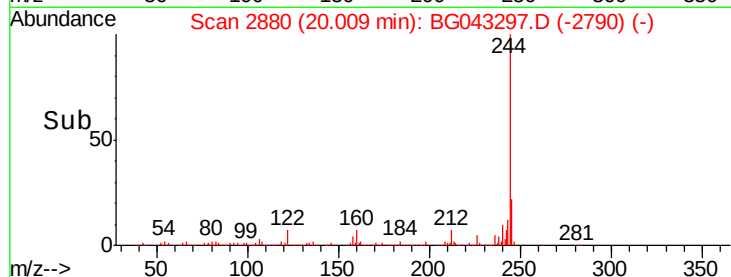


Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 41.369 ng

RT: 20.70 min Scan# 2997

Delta R.T. 0.00 min

Lab File: BG043297.D

Acq: 21 Oct 2019 16:38

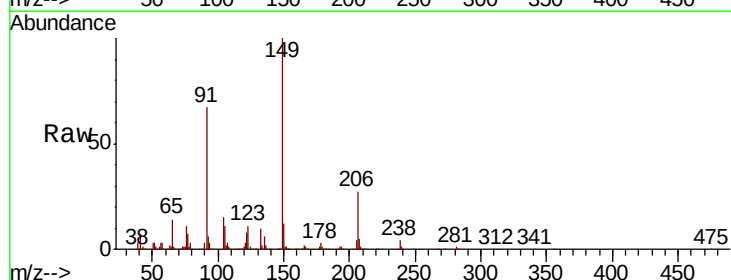
Tgt Ion:149 Resp: 273387

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 91  | 67.3  | 54.6  | 82.0  |
| 206 | 27.5  | 20.5  | 30.7  |

149 100

91 67.3 54.6 82.0

206 27.5 20.5 30.7

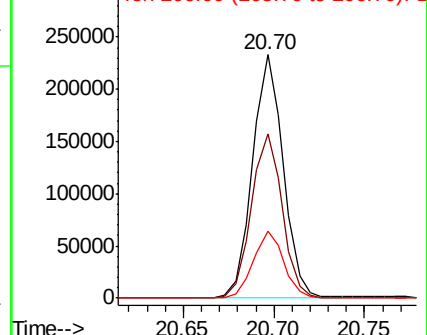
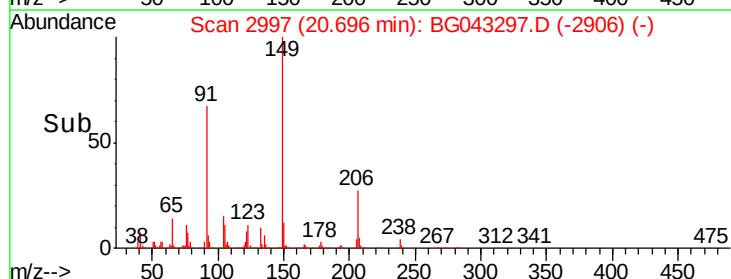


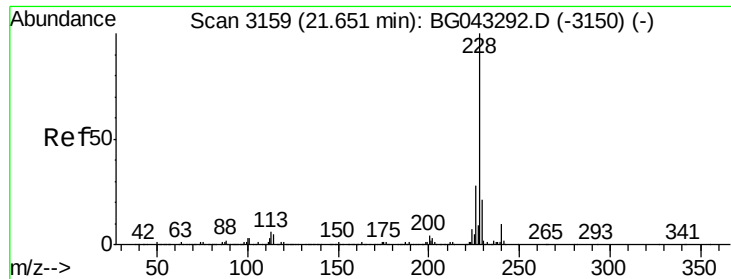
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

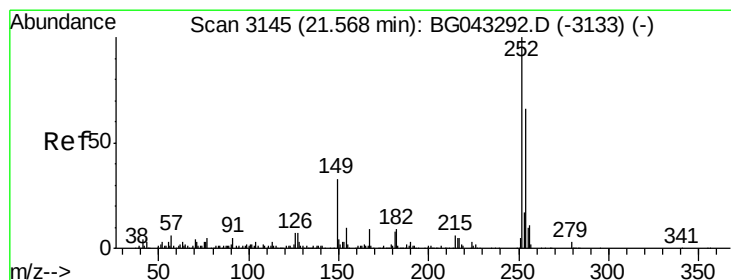
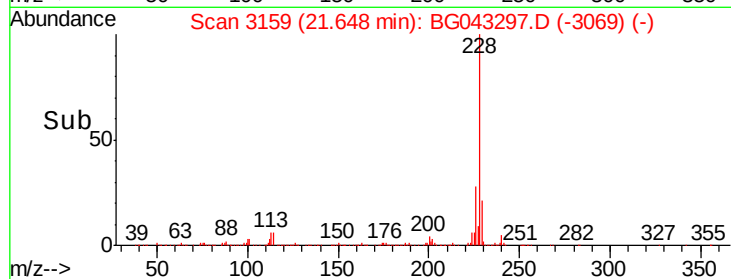
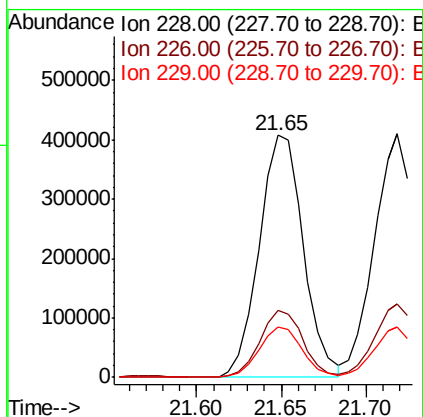
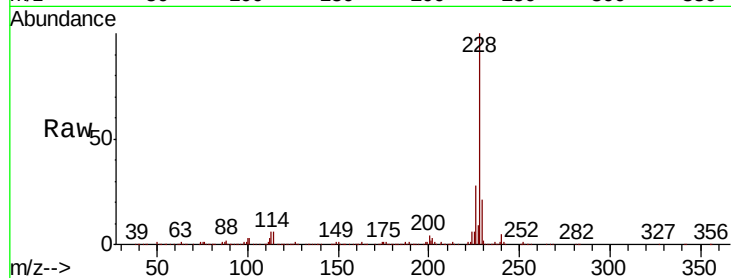




#81  
Benzo(a)anthracene  
Concen: 41.782 ng  
RT: 21.65 min Scan# 3159  
Delta R.T. -0.00 min  
Lab File: BG043297.D  
Acq: 21 Oct 2019 16:38

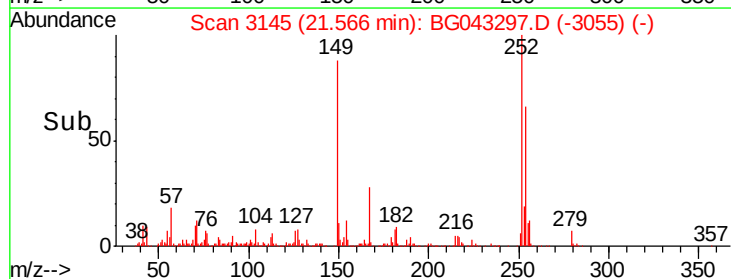
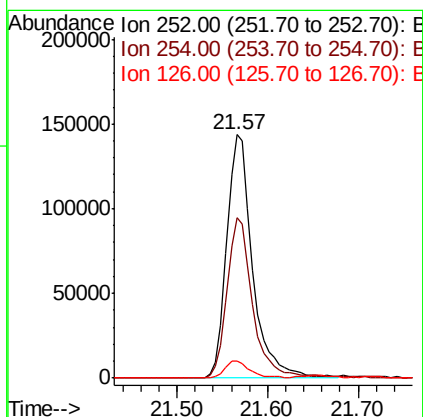
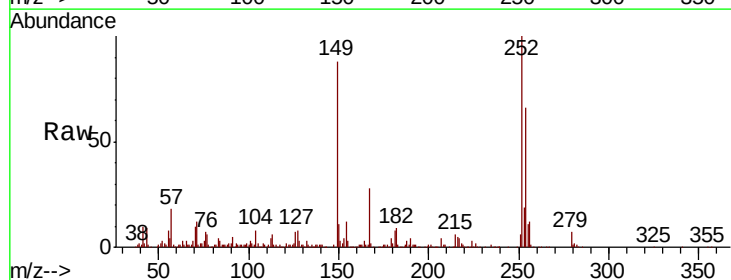
Instrument :  
BNA\_G  
ClientSampleId :

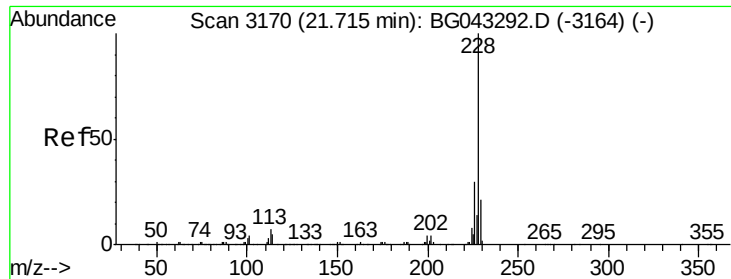
Tot Ion:228 Resp: 737523  
Ion Ratio Lower Upper  
228 100  
226 27.8 22.2 33.4  
229 20.9 16.9 25.3



#82  
3,3'-Dichlorobenzidine  
Concen: 41.761 ng  
RT: 21.57 min Scan# 3145  
Delta R.T. -0.00 min  
Lab File: BG043297.D  
Acq: 21 Oct 2019 16:38

Tgt Ion:252 Resp: 285119  
Ion Ratio Lower Upper  
252 100  
254 66.1 52.7 79.1  
126 7.2 5.6 8.4

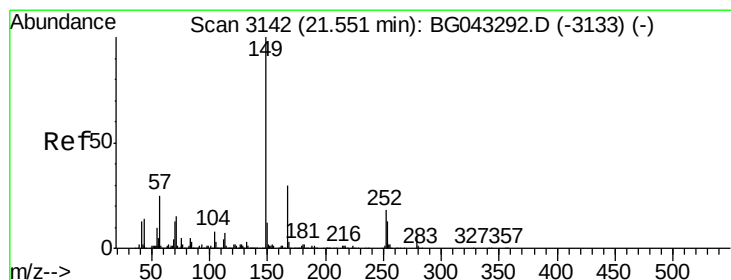
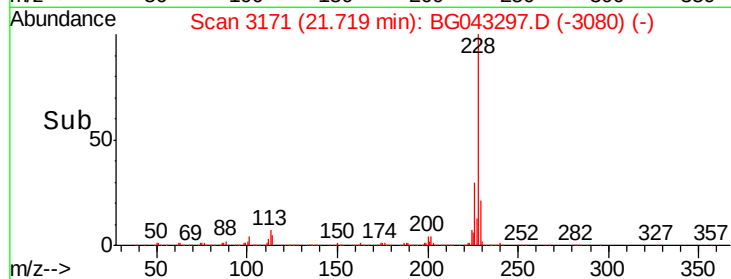
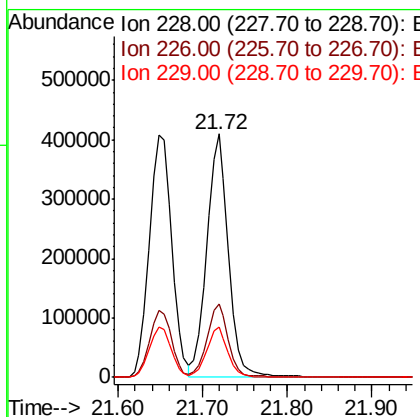
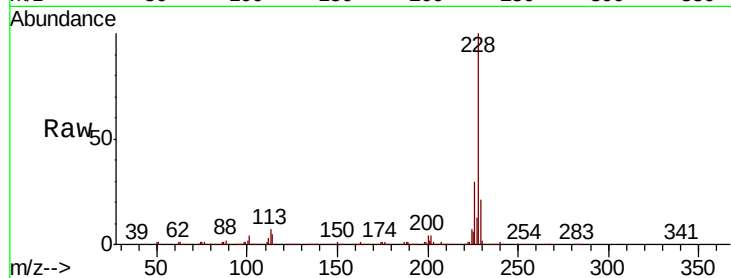




#83  
 Chrysene  
 Concen: 41.681 ng  
 RT: 21.72 min Scan# 3171  
 Delta R.T. 0.00 min  
 Lab File: BG043297.D  
 Acq: 21 Oct 2019 16:38

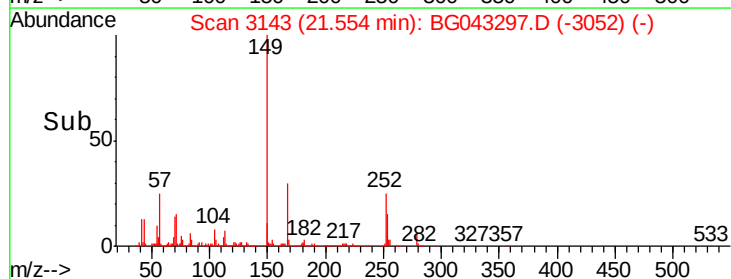
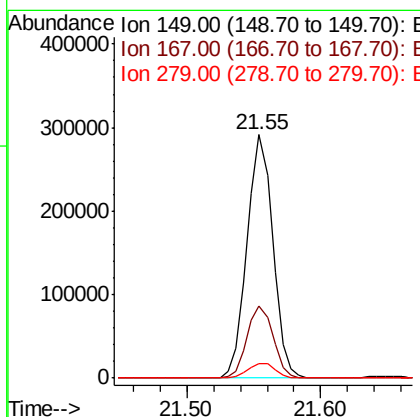
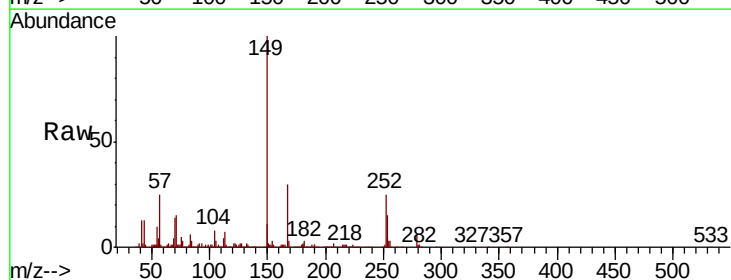
Instrument :  
 BNA\_G  
 ClientSampleId :

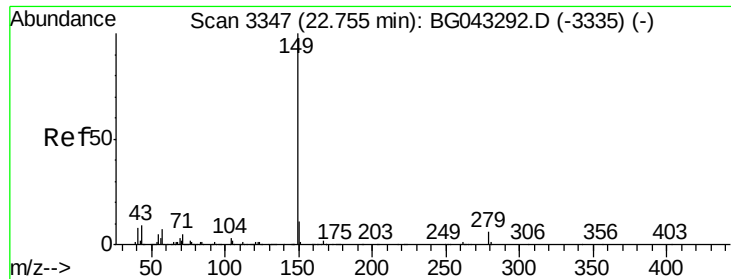
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 30.0  | 23.8  | 35.8  |
| 229     | 20.9  | 16.3  | 24.5  |



#84  
 Bis(2-ethylhexyl)phthalate  
 Concen: 41.297 ng  
 RT: 21.55 min Scan# 3143  
 Delta R.T. 0.00 min  
 Lab File: BG043297.D  
 Acq: 21 Oct 2019 16:38

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 29.8  | 23.9  | 35.9  |
| 279     | 5.9   | 4.8   | 7.2   |





#85

Di-n-octyl phthalate

Concen: 41.200 ng

RT: 22.76 min Scan# 3348

Delta R.T. 0.00 min

Lab File: BG043297.D

Acq: 21 Oct 2019 16:38

Instrument :

BNA\_G

ClientSampled :

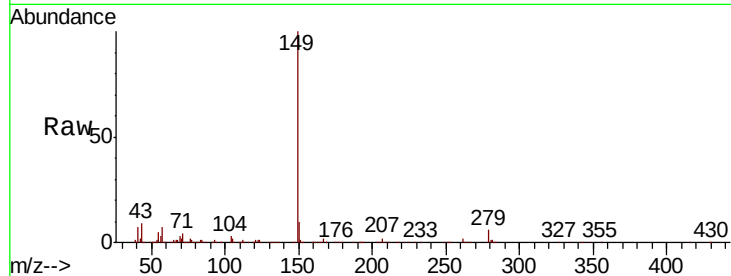
Tot Ion:149 Resp: 656177

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.0

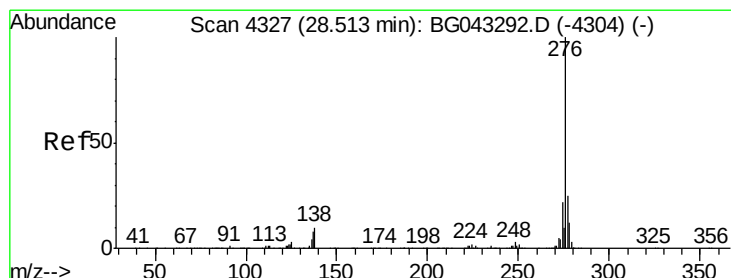
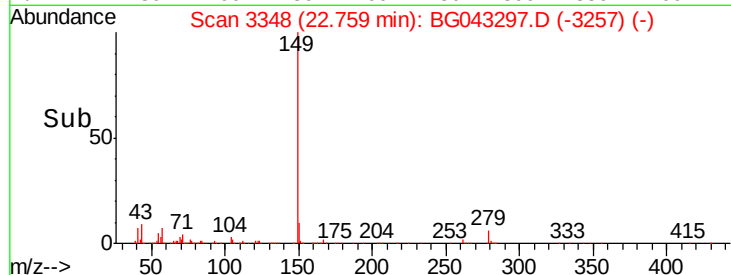
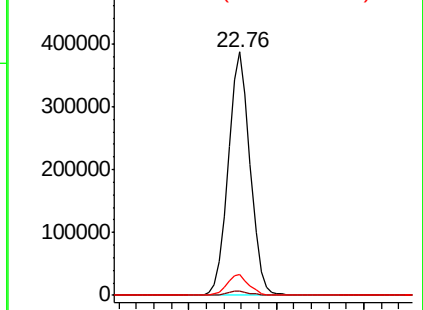
43 8.9 6.9 10.3



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 41.303 ng

RT: 28.52 min Scan# 4329

Delta R.T. 0.01 min

Lab File: BG043297.D

Acq: 21 Oct 2019 16:38

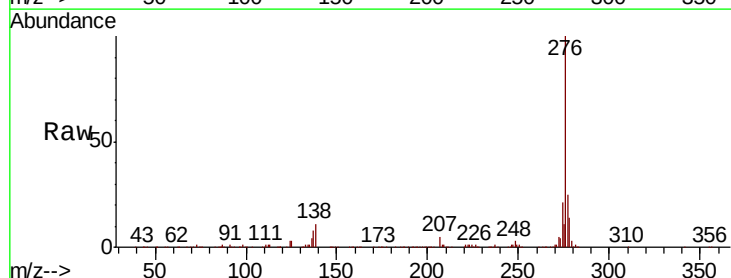
Tgt Ion:276 Resp: 909300

Ion Ratio Lower Upper

276 100

138 10.1 7.2 10.8

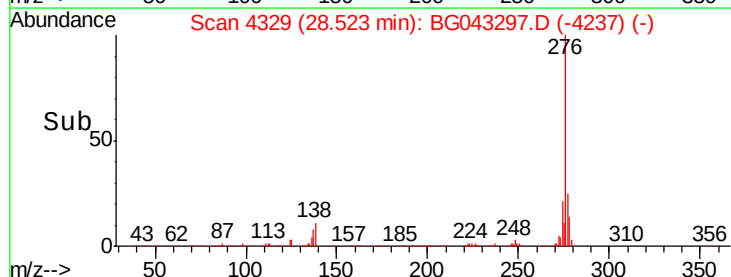
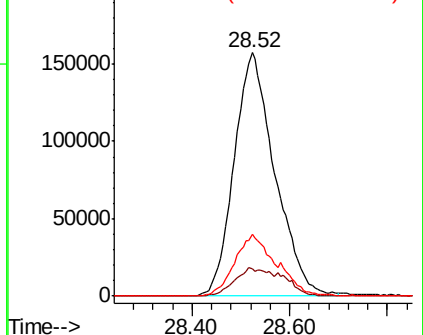
277 25.9 20.9 31.3

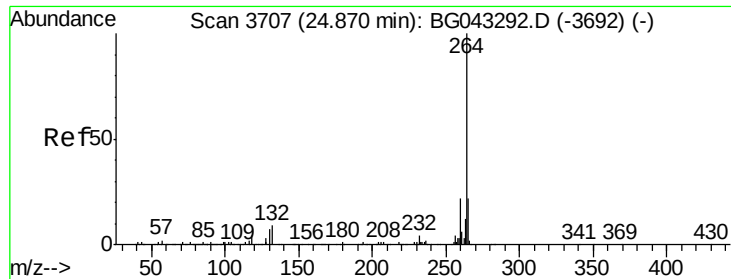


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.87 min Scan# 3708

Delta R.T. 0.00 min

Lab File: BG043297.D

Acq: 21 Oct 2019 16:38

Instrument :

BNA\_G

ClientSampleId :

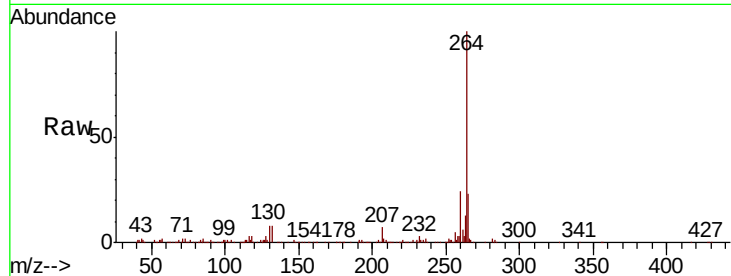
Tot Ion:264 Resp: 324016

Ion Ratio Lower Upper

264 100

260 24.0 17.9 26.9

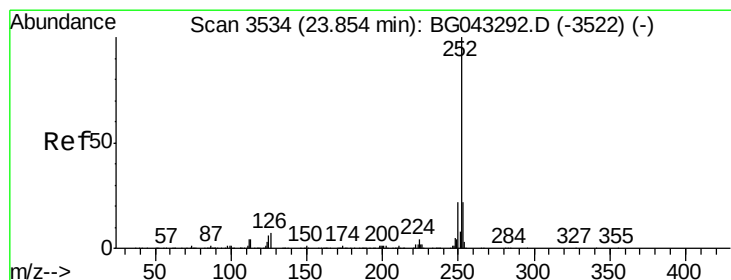
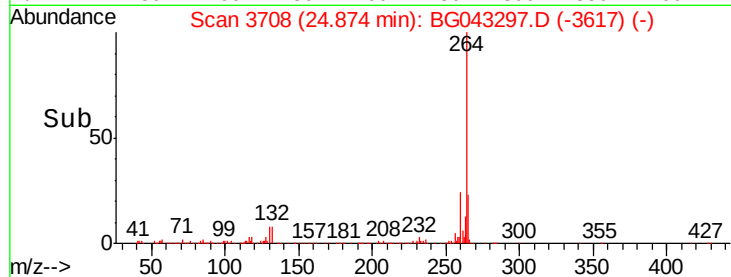
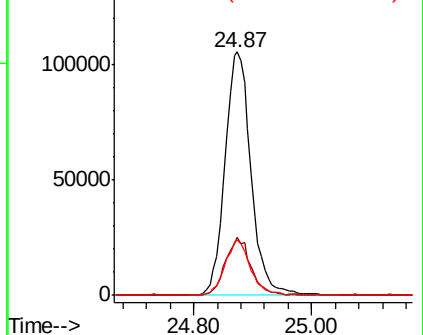
265 22.8 17.4 26.2



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 42.427 ng

RT: 23.86 min Scan# 3535

Delta R.T. 0.00 min

Lab File: BG043297.D

Acq: 21 Oct 2019 16:38

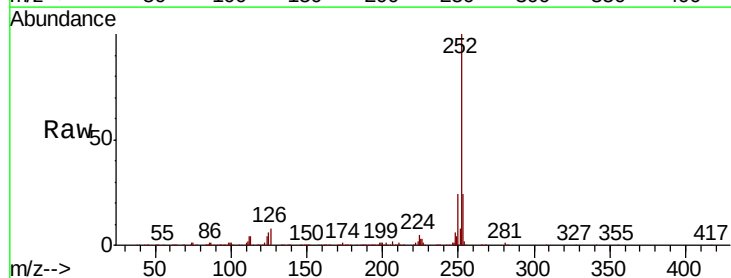
Tgt Ion:252 Resp: 778594

Ion Ratio Lower Upper

252 100

253 23.6 17.4 26.2

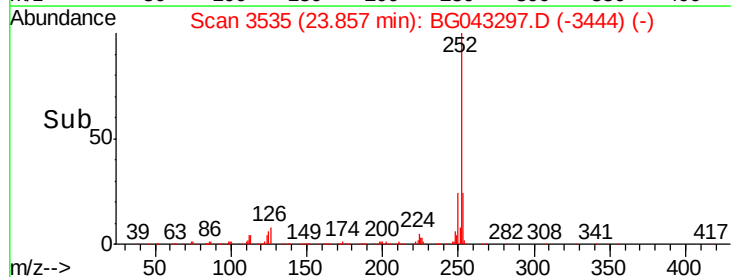
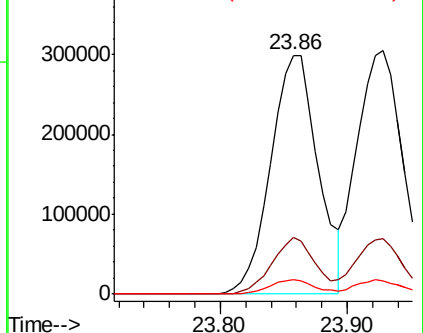
125 5.8 5.0 7.6



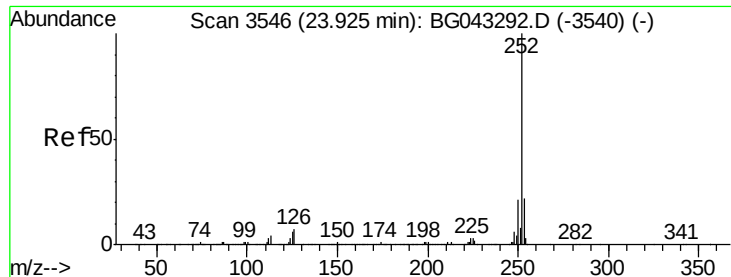
Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



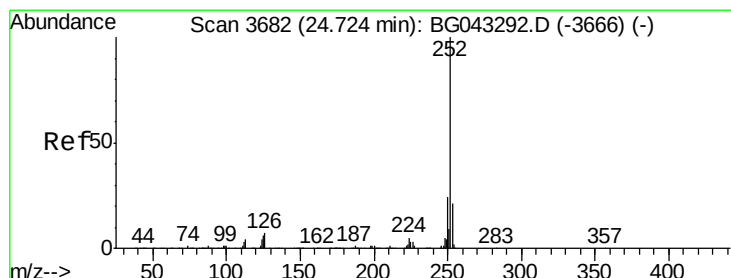
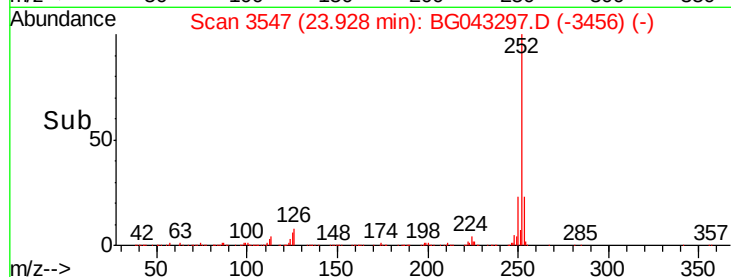
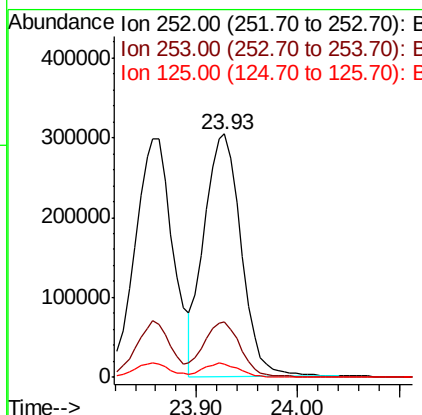
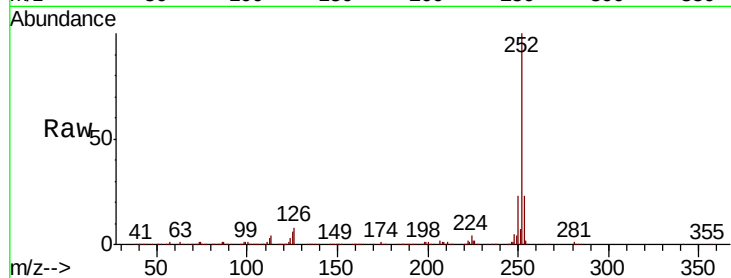




#89  
Benzo(k)fluoranthene  
Concen: 41.701 ng  
RT: 23.93 min Scan# 3547  
Delta R.T. 0.00 min  
Lab File: BG043297.D  
Acq: 21 Oct 2019 16:38

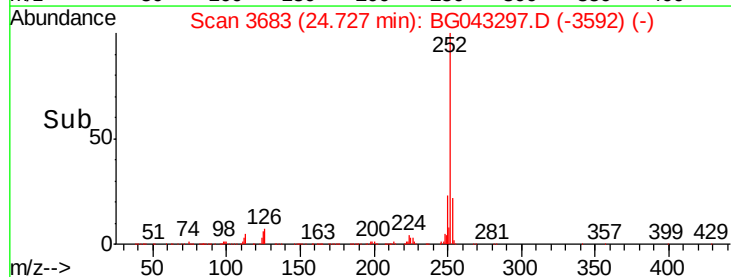
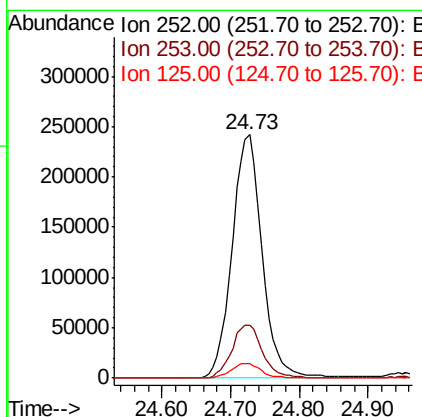
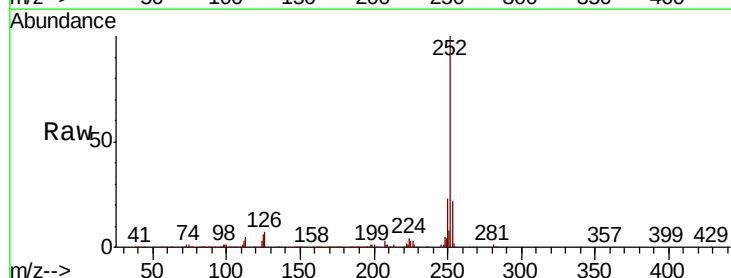
Instrument :  
BNA\_G  
ClientSampleId :

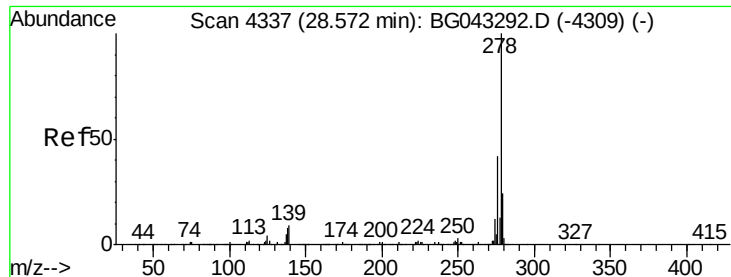
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.9  | 17.6  | 26.4  |
| 125     | 5.5   | 4.5   | 6.7   |



#90  
Benzo(a)pyrene  
Concen: 41.747 ng  
RT: 24.73 min Scan# 3683  
Delta R.T. 0.00 min  
Lab File: BG043297.D  
Acq: 21 Oct 2019 16:38

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.8  | 17.2  | 25.8  |
| 125     | 6.1   | 5.0   | 7.6   |





#91

Dibenzo(a,h)anthracene

Concen: 41.629 ng

RT: 28.59 min Scan# 4340

Delta R.T. 0.02 min

Lab File: BG043297.D

Acq: 21 Oct 2019 16:38

Instrument :

BNA\_G

ClientSampleId :

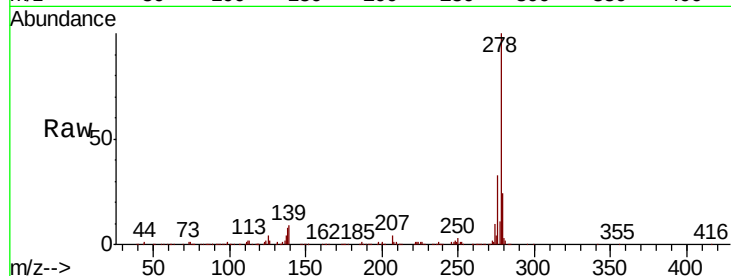
Tot Ion:278 Resp: 746182

Ion Ratio Lower Upper

278 100

139 9.0 6.8 10.2

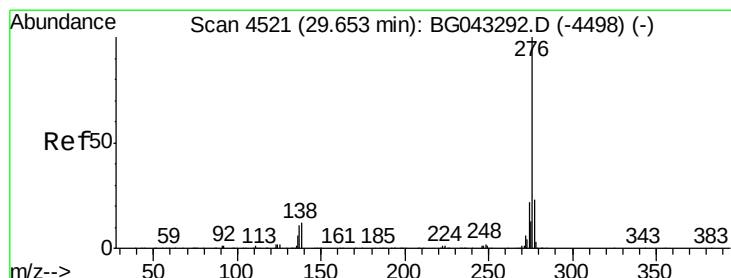
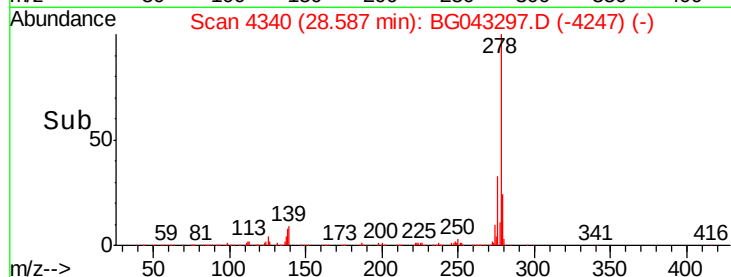
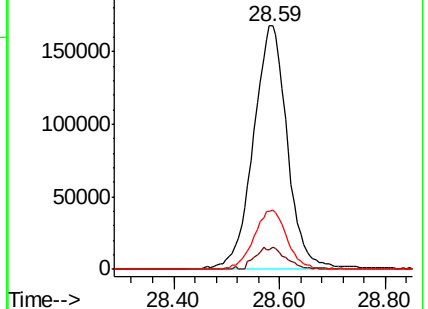
279 24.3 19.0 28.6



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 41.629 ng

RT: 29.66 min Scan# 4523

Delta R.T. 0.01 min

Lab File: BG043297.D

Acq: 21 Oct 2019 16:38

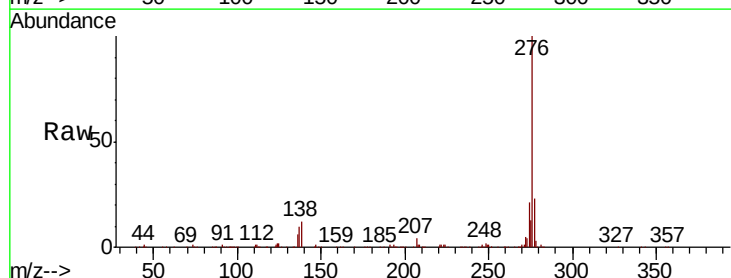
Tgt Ion:276 Resp: 736043

Ion Ratio Lower Upper

276 100

277 23.2 18.3 27.5

138 11.6 9.3 13.9



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

