

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111319\  
 Data File : BG043614.D  
 Acq On : 13 Nov 2019 16:05  
 Operator : JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :

Quant Time: Nov 14 01:40:56 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Nov 04 15:22:15 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.00  | 152  | 36763    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.80 | 136  | 144765   | 20.00 | ng    | -0.01    |
| 39) Acenaphthene-d10      | 14.63 | 164  | 102351   | 20.00 | ng    | -0.01    |
| 64) Phenanthrene-d10      | 17.38 | 188  | 241188   | 20.00 | ng    | -0.01    |
| 76) Chrysene-d12          | 21.64 | 240  | 257078   | 20.00 | ng    | -0.01    |
| 87) Perylene-d12          | 24.82 | 264  | 307465   | 20.00 | ng    | -0.03    |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|-------|------|----------|-------|-------|----------|
| 5) 2-Fluorophenol           | 5.60  | 112  | 169844   | 84.66 | ng    | 0.00     |
| 7) Phenol-d6                | 7.20  | 99   | 247847   | 85.86 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.16  | 82   | 231152   | 82.32 | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol    | 16.13 | 330  | 150917   | 77.48 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.25 | 172  | 610939   | 82.48 | ng    | -0.01    |
| 79) Terphenyl-d14           | 19.99 | 244  | 1094711  | 79.89 | ng    | -0.01    |

| Target Compounds               | R.T.  | QIon | Response | Conc   | Units | Qvalue |
|--------------------------------|-------|------|----------|--------|-------|--------|
| 2) 1,4-Dioxane                 | 3.46  | 88   | 29560    | 37.810 | ng    | 97     |
| 3) Pyridine                    | 3.86  | 79   | 81647    | 41.400 | ng    | 96     |
| 4) n-Nitrosodimethylamine      | 3.78  | 42   | 44569    | 44.786 | ng    | # 88   |
| 6) Aniline                     | 7.33  | 93   | 134930   | 40.579 | ng    | 99     |
| 8) 2-Chlorophenol              | 7.58  | 128  | 90880    | 41.036 | ng    | 97     |
| 9) Benzaldehyde                | 7.14  | 77   | 60561    | 42.692 | ng    | 95     |
| 10) Phenol                     | 7.23  | 94   | 111864   | 42.410 | ng    | 99     |
| 11) bis(2-Chloroethyl)ether    | 7.42  | 93   | 79065    | 38.771 | ng    | 99     |
| 12) 1,3-Dichlorobenzene        | 7.89  | 146  | 112529   | 40.555 | ng    | 97     |
| 13) 1,4-Dichlorobenzene        | 8.04  | 146  | 114671   | 40.846 | ng    | 98     |
| 14) 1,2-Dichlorobenzene        | 8.35  | 146  | 106908   | 39.002 | ng    | 98     |
| 15) Benzyl Alcohol             | 8.25  | 79   | 84332    | 41.601 | ng    | 91     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.52  | 45   | 113448   | 38.259 | ng    | 95     |
| 17) 2-Methylphenol             | 8.47  | 107  | 80733    | 41.986 | ng    | 96     |
| 18) Hexachloroethane           | 9.08  | 117  | 40461    | 39.947 | ng    | 97     |
| 19) n-Nitroso-di-n-propylamine | 8.80  | 70   | 70899    | 38.012 | ng    | 93     |
| 20) 3+4-Methylphenols          | 8.80  | 107  | 107353   | 40.715 | ng    | # 80   |
| 22) Acetophenone               | 8.82  | 105  | 150264   | 40.532 | ng    | # 96   |
| 24) Nitrobenzene               | 9.20  | 77   | 107164   | 40.062 | ng    | # 95   |
| 25) Isophorone                 | 9.73  | 82   | 197939   | 38.556 | ng    | 99     |
| 26) 2-Nitrophenol              | 9.92  | 139  | 54627    | 42.300 | ng    | 94     |
| 27) 2,4-Dimethylphenol         | 9.99  | 122  | 78086    | 42.187 | ng    | 97     |
| 28) bis(2-Chloroethoxy)methane | 10.21 | 93   | 112930   | 39.856 | ng    | 99     |
| 29) 2,4-Dichlorophenol         | 10.47 | 162  | 100758   | 42.486 | ng    | 94     |
| 30) 1,2,4-Trichlorobenzene     | 10.67 | 180  | 121107   | 40.517 | ng    | 99     |
| 31) Naphthalene                | 10.86 | 128  | 298505   | 40.623 | ng    | 100    |
| 32) Benzoic acid               | 10.19 | 122  | 55899    | 41.145 | ng    | 91     |
| 33) 4-Chloroaniline            | 10.97 | 127  | 125067   | 41.521 | ng    | 97     |
| 34) Hexachlorobutadiene        | 11.14 | 225  | 88293    | 39.960 | ng    | 93     |
| 35) Caprolactam                | 11.75 | 113  | 33555    | 41.082 | ng    | 92     |
| 36) 4-Chloro-3-methylphenol    | 12.12 | 107  | 105428   | 40.755 | ng    | 96     |
| 37) 2-Methylnaphthalene        | 12.46 | 142  | 225576   | 40.009 | ng    | 97     |
| 38) 1-Methylnaphthalene        | 12.68 | 142  | 208180   | 38.807 | ng    | 95     |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.82 | 216  | 158573   | 41.863 | ng    | 99     |

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111319\  
 Data File : BG043614.D  
 Acq On : 13 Nov 2019 16:05  
 Operator : JU  
 Sample : SSTDC0040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :

Quant Time: Nov 14 01:40:56 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Nov 04 15:22:15 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 12.81 | 237  | 85508    | 42.974 | ng    | 93       |
| 43) 2,4,6-Trichlorophenol      | 13.08 | 196  | 91529    | 41.031 | ng    | 99       |
| 44) 2,4,5-Trichlorophenol      | 13.16 | 196  | 92853    | 41.173 | ng    | 98       |
| 46) 1,1'-Biphenyl              | 13.46 | 154  | 321955   | 41.349 | ng    | 100      |
| 47) 2-Chloronaphthalene        | 13.51 | 162  | 244904   | 41.338 | ng    | 97       |
| 48) 2-Nitroaniline             | 13.72 | 65   | 73571    | 41.550 | ng    | 93       |
| 49) Acenaphthylene             | 14.35 | 152  | 381528   | 41.379 | ng    | 98       |
| 50) Dimethylphthalate          | 14.09 | 163  | 315376   | 39.781 | ng    | 100      |
| 51) 2,6-Dinitrotoluene         | 14.20 | 165  | 69190    | 40.173 | ng    | 96       |
| 52) Acenaphthene               | 14.69 | 154  | 229181   | 40.758 | ng    | 97       |
| 53) 3-Nitroaniline             | 14.55 | 138  | 67483    | 40.583 | ng    | # 99     |
| 54) 2,4-Dinitrophenol          | 14.76 | 184  | 35321    | 37.135 | ng    | 92       |
| 55) Dibenzofuran               | 15.03 | 168  | 365742   | 40.110 | ng    | 97       |
| 56) 4-Nitrophenol              | 14.90 | 139  | 39919    | 35.824 | ng    | 96       |
| 57) 2,4-Dinitrotoluene         | 15.00 | 165  | 99303    | 40.345 | ng    | 99       |
| 58) Fluorene                   | 15.68 | 166  | 309243   | 40.435 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol  | 15.27 | 232  | 89189    | 37.223 | ng    | 98       |
| 60) Diethylphthalate           | 15.44 | 149  | 313192   | 39.317 | ng    | 99       |
| 61) 4-Chlorophenyl-phenylether | 15.67 | 204  | 179751   | 40.289 | ng    | 97       |
| 62) 4-Nitroaniline             | 15.71 | 138  | 71283    | 41.509 | ng    | 94       |
| 63) Azobenzene                 | 15.96 | 77   | 257871   | 40.000 | ng    | 97       |
| 65) 4,6-Dinitro-2-methylphenol | 15.77 | 198  | 50089    | 35.289 | ng    | 97       |
| 66) n-Nitrosodiphenylamine     | 15.88 | 169  | 273020   | 40.095 | ng    | 97       |
| 67) 4-Bromophenyl-phenylether  | 16.56 | 248  | 124729   | 38.427 | ng    | 94       |
| 68) Hexachlorobenzene          | 16.68 | 284  | 144157   | 38.691 | ng    | 97       |
| 69) Atrazine                   | 16.83 | 200  | 91506    | 38.674 | ng    | 95       |
| 70) Pentachlorophenol          | 17.04 | 266  | 61972    | 36.503 | ng    | 98       |
| 71) Phenanthrene               | 17.42 | 178  | 485120   | 39.279 | ng    | 100      |
| 72) Anthracene                 | 17.51 | 178  | 495190   | 40.074 | ng    | 99       |
| 73) Carbazole                  | 17.79 | 167  | 435577   | 38.925 | ng    | 98       |
| 74) Di-n-butylphthalate        | 18.33 | 149  | 528242   | 38.905 | ng    | 99       |
| 75) Fluoranthene               | 19.43 | 202  | 622014   | 38.631 | ng    | 99       |
| 77) Benzidine                  | 19.62 | 184  | 216277   | 41.803 | ng    | 99       |
| 78) Pyrene                     | 19.79 | 202  | 628288   | 39.483 | ng    | 99       |
| 80) Butylbenzylphthalate       | 20.67 | 149  | 245384   | 40.702 | ng    | 99       |
| 81) Benzo(a)anthracene         | 21.63 | 228  | 652355   | 40.511 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine     | 21.54 | 252  | 260962   | 41.899 | ng    | 100      |
| 83) Chrysene                   | 21.69 | 228  | 635309   | 39.707 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phthalate | 21.53 | 149  | 356812   | 41.665 | ng    | 100      |
| 85) Di-n-octyl phthalate       | 22.72 | 149  | 608612   | 41.889 | ng    | 99       |
| 86) Indeno(1,2,3-cd)pyrene     | 28.46 | 276  | 834692   | 41.561 | ng    | # 96     |
| 88) Benzo(b)fluoranthene       | 23.82 | 252  | 708394   | 40.680 | ng    | 98       |
| 89) Benzo(k)fluoranthene       | 23.89 | 252  | 682892   | 38.954 | ng    | 98       |
| 90) Benzo(a)pyrene             | 24.68 | 252  | 669437   | 40.257 | ng    | 98       |
| 91) Dibenzo(a,h)anthracene     | 28.51 | 278  | 693005   | 40.743 | ng    | 96       |
| 92) Benzo(g,h,i)perylene       | 29.59 | 276  | 671336   | 40.014 | ng    | 99       |

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



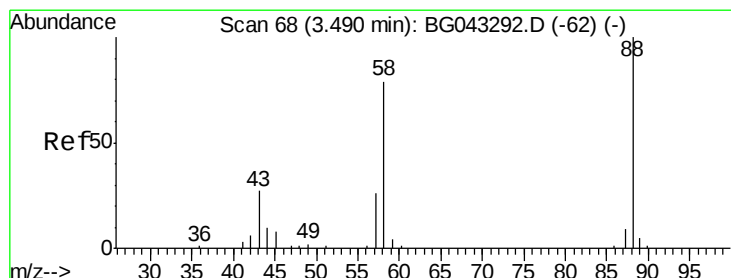
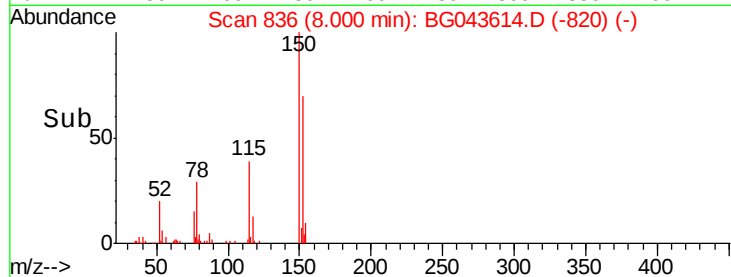
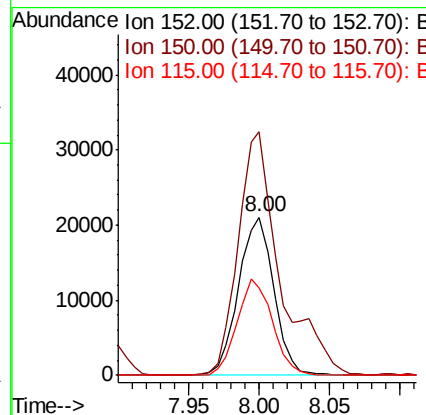
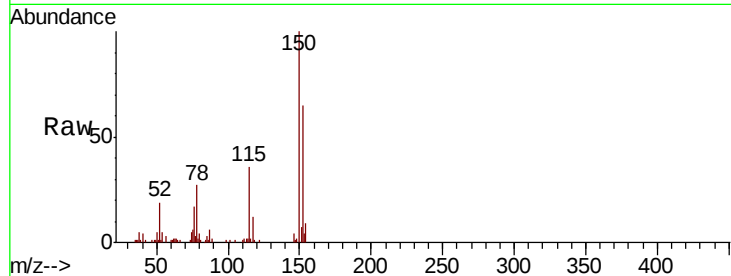


#1

1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.00 min Scan# 836  
Delta R.T. -0.01 min  
Lab File: BG043614.D  
Acq: 13 Nov 2019 16:05

Instrument :  
BNA\_G  
ClientSampleId :

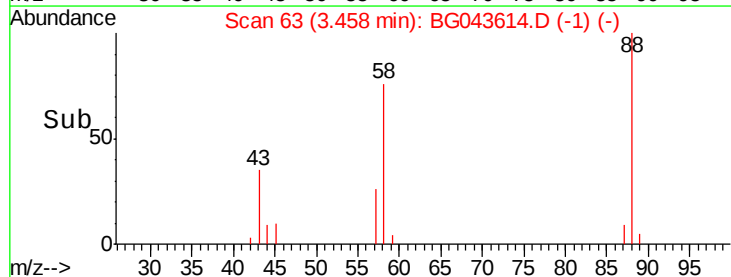
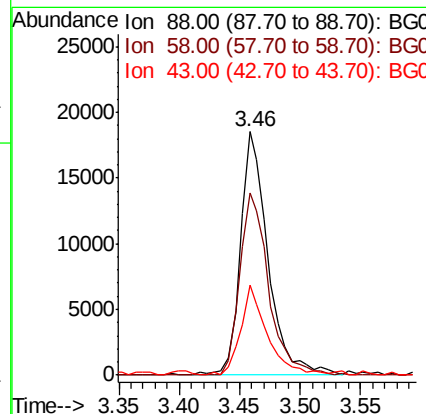
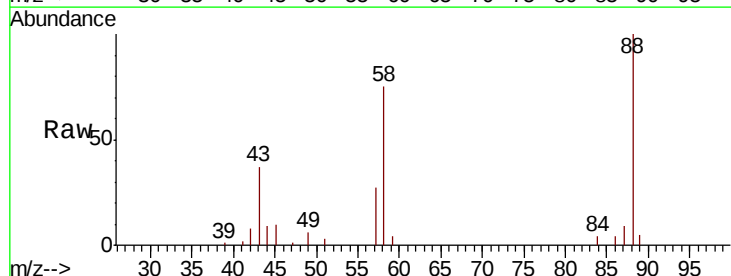
Tot Ion:152 Resp: 36763  
Ion Ratio Lower Upper  
152 100  
150 154.1 129.4 194.0  
115 55.3 48.8 73.2



#2

1,4-Dioxane  
Concen: 37.810 ng  
RT: 3.46 min Scan# 63  
Delta R.T. -0.01 min  
Lab File: BG043614.D  
Acq: 13 Nov 2019 16:05

Tgt Ion: 88 Resp: 29560  
Ion Ratio Lower Upper  
88 100  
58 78.2 62.7 94.1  
43 35.5 23.7 35.5





#3

Pvridine

Concen: 41.400 ng

RT: 3.86 min Scan# 132

Delta R.T. -0.01 min

Lab File: BG043614.D

Acq: 13 Nov 2019 16:05

Instrument :

BNA\_G

ClientSampleId :

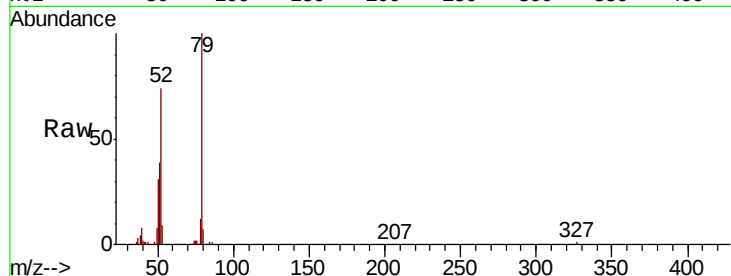
Tot Ion: 79 Resp: 81647

Ion Ratio Lower Upper

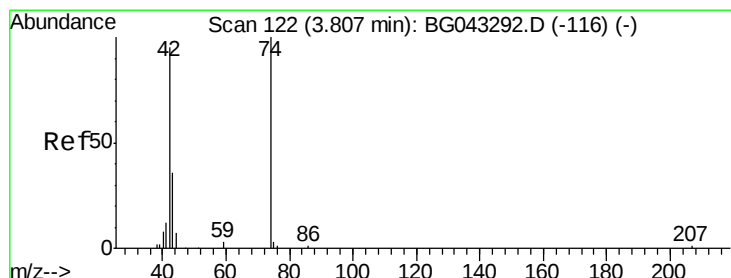
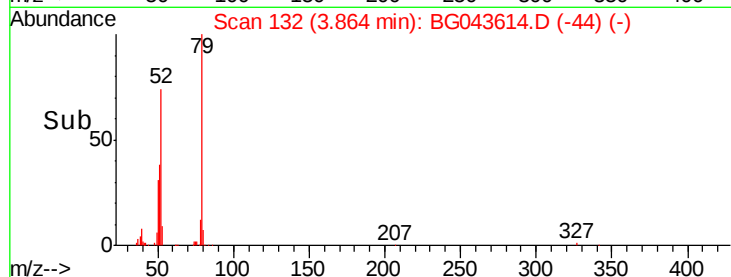
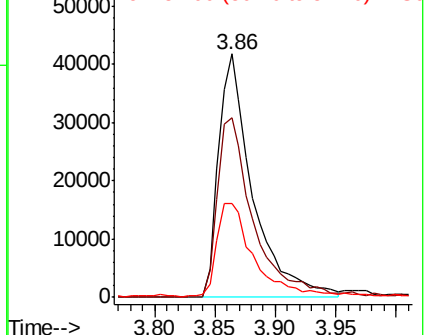
79 100

52 74.0 56.5 84.7

51 38.5 33.2 49.8



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



#4

n-Nitrosodimethylamine

Concen: 44.786 ng

RT: 3.78 min Scan# 117

Delta R.T. -0.01 min

Lab File: BG043614.D

Acq: 13 Nov 2019 16:05

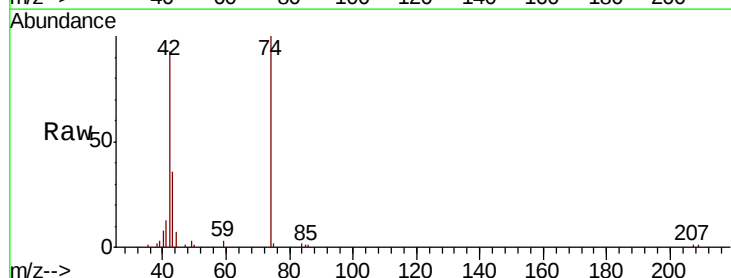
Tgt Ion: 42 Resp: 44569

Ion Ratio Lower Upper

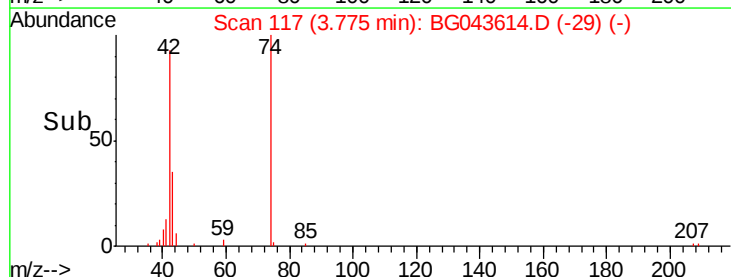
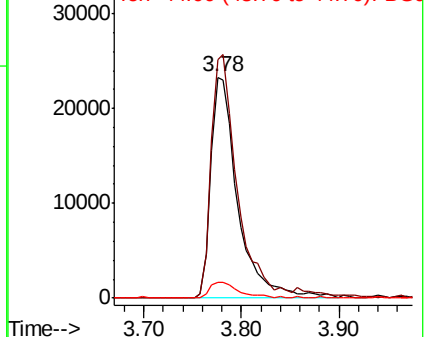
42 100

74 107.9 97.3 145.9

44 7.4 4.4 6.6#



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





#5

2-Fluorophenol

Concen: 84.659 ng

RT: 5.60 min Scan# 427

Delta R.T. 0.00 min

Lab File: BG043614.D

Acq: 13 Nov 2019 16:05

Instrument :

BNA\_G

ClientSampled :

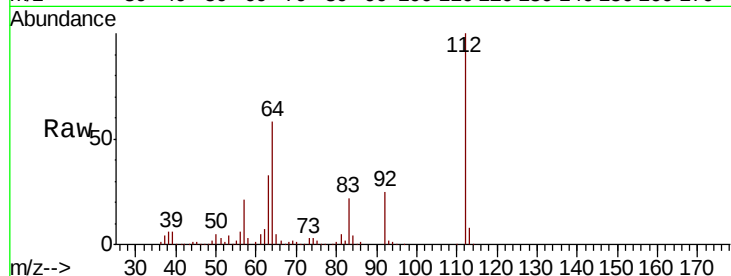
Tot Ion:112 Resp: 169844

Ion Ratio Lower Upper

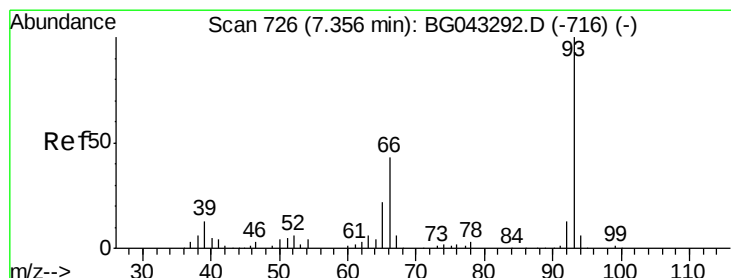
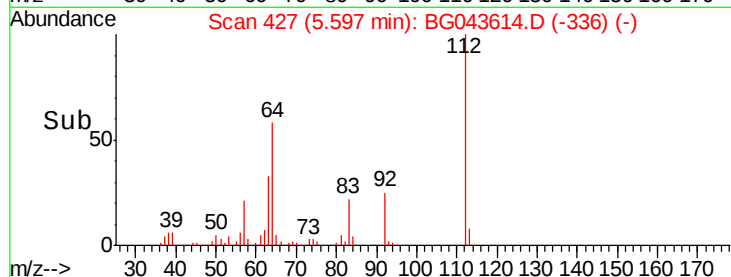
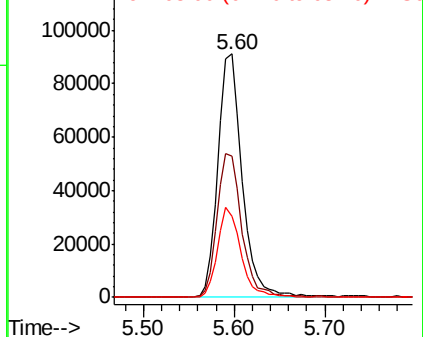
112 100

64 58.2 50.0 75.0

63 33.1 26.6 40.0



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: 40.579 ng

RT: 7.33 min Scan# 722

Delta R.T. -0.01 min

Lab File: BG043614.D

Acq: 13 Nov 2019 16:05

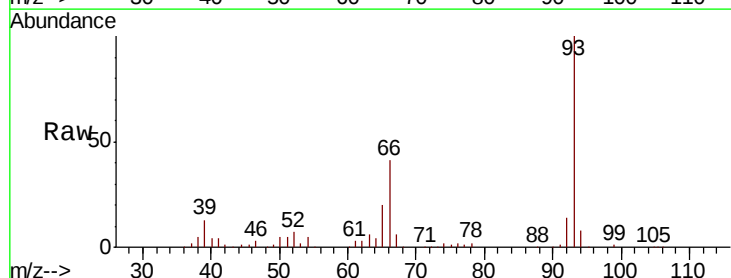
Tgt Ion: 93 Resp: 134930

Ion Ratio Lower Upper

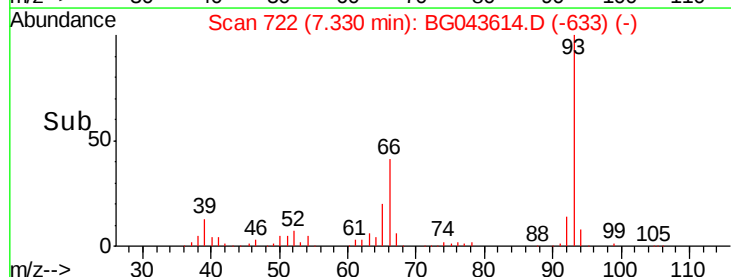
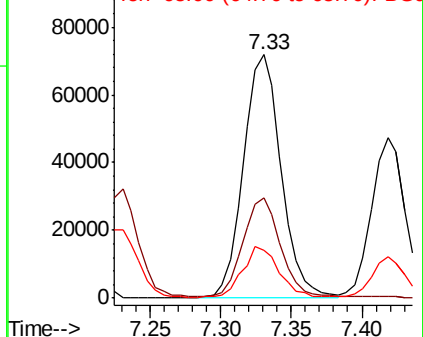
93 100

66 41.2 32.3 48.5

65 19.8 16.1 24.1



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: 85.865 ng

RT: 7.20 min Scan# 700

Delta R.T. 0.00 min

Lab File: BG043614.D

Acq: 13 Nov 2019 16:05

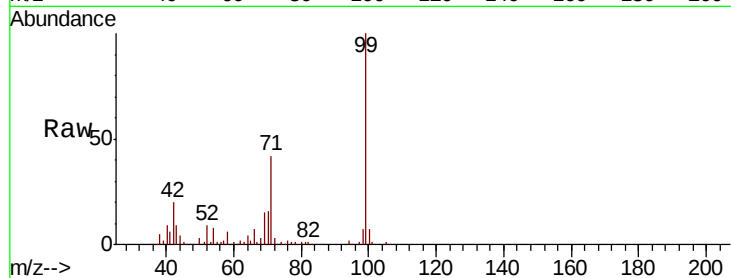
Instrument :

BNA\_G

ClientSampleId :

Tot Ion: 99 Resp: 247847

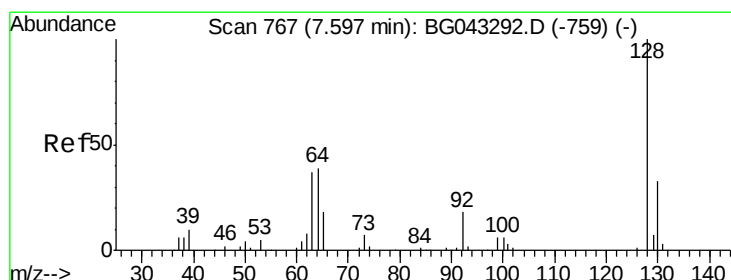
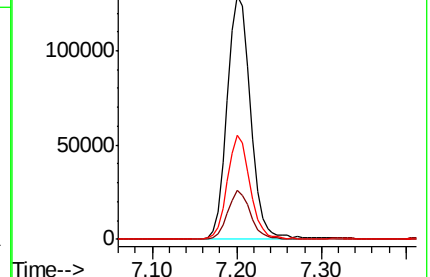
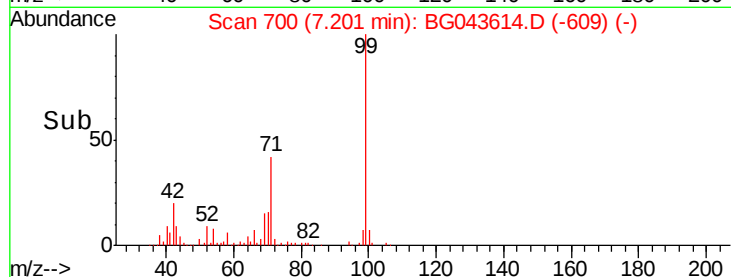
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 19.9  | 14.6  | 21.8  |
| 71  | 42.5  | 32.5  | 48.7  |



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: 41.036 ng

RT: 7.58 min Scan# 764

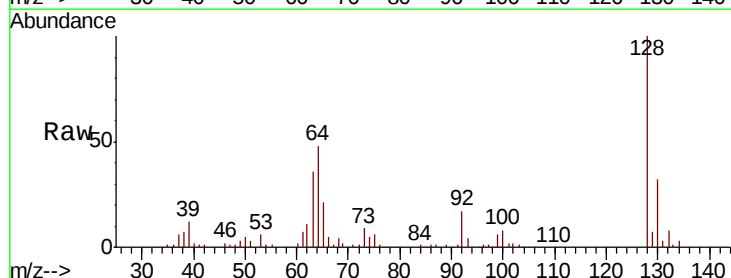
Delta R.T. -0.01 min

Lab File: BG043614.D

Acq: 13 Nov 2019 16:05

Tgt Ion: 128 Resp: 90880

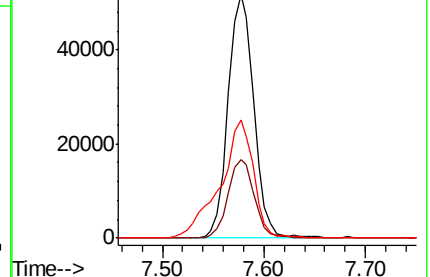
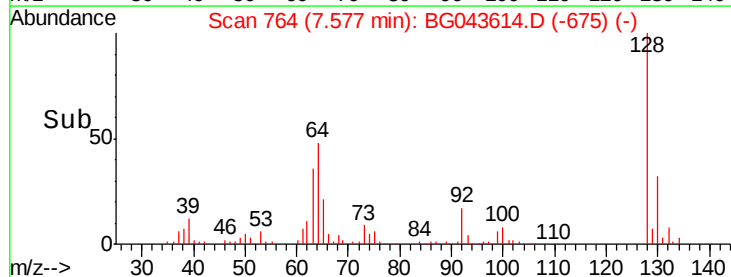
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100   |       |       |
| 130 | 32.3  | 12.5  | 52.5  |
| 64  | 48.3  | 25.3  | 65.3  |



Abundance Ion 128.00 (127.70 to 128.70): BGC

Ion 130.00 (129.70 to 130.70): BGC

Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 42.692 ng

RT: 7.14 min Scan# 689

Delta R.T. -0.01 min

Lab File: BG043614.D

Acq: 13 Nov 2019 16:05

Instrument :

BNA\_G

ClientSampleId :

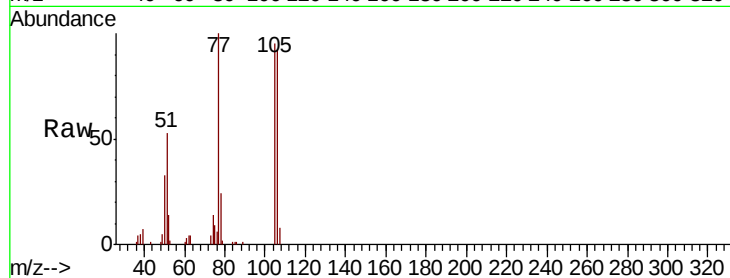
Tot Ion: 77 Resp: 60561

Ion Ratio Lower Upper

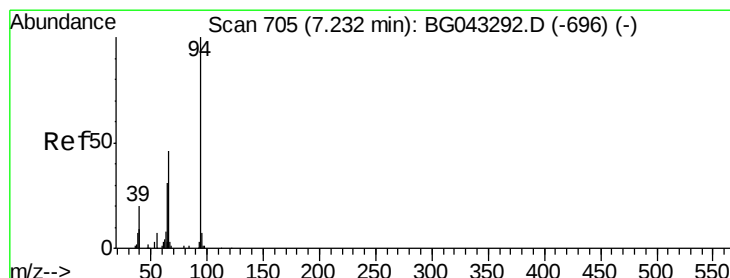
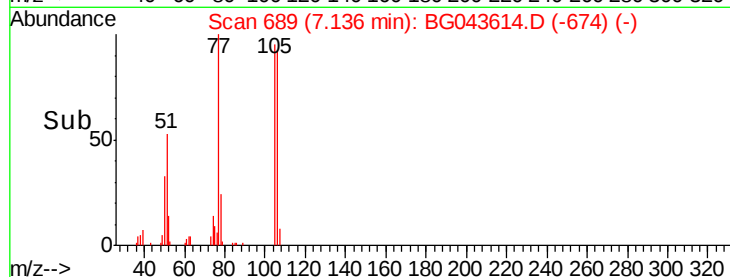
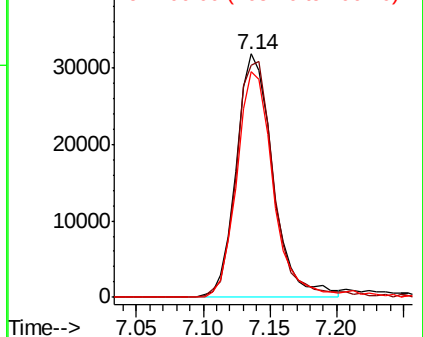
77 100

105 95.2 68.6 108.6

106 92.5 69.9 109.9



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



#10

Phenol

Concen: 42.410 ng

RT: 7.23 min Scan# 705

Delta R.T. 0.01 min

Lab File: BG043614.D

Acq: 13 Nov 2019 16:05

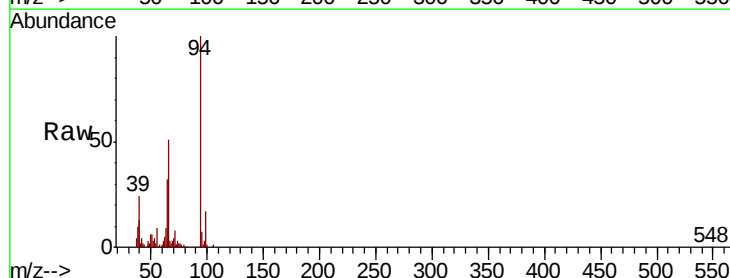
Tgt Ion: 94 Resp: 111864

Ion Ratio Lower Upper

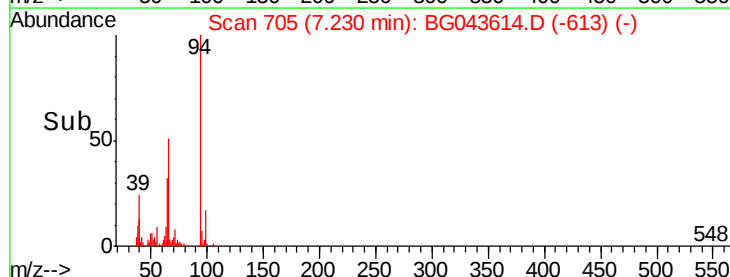
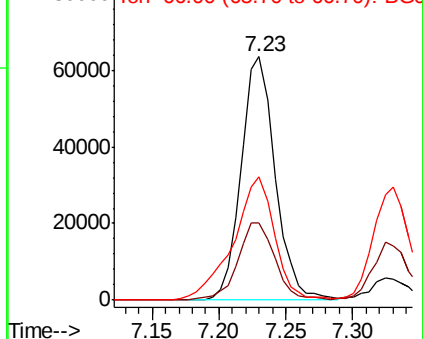
94 100

65 31.7 12.6 52.6

66 50.9 30.7 70.7



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

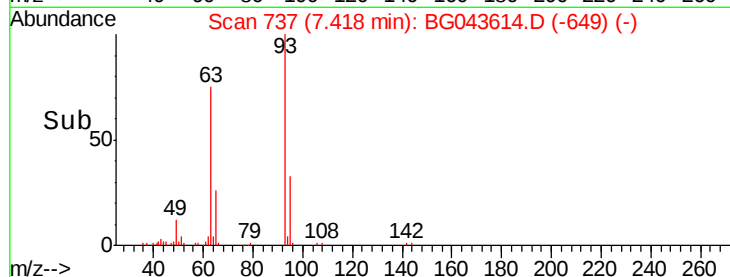
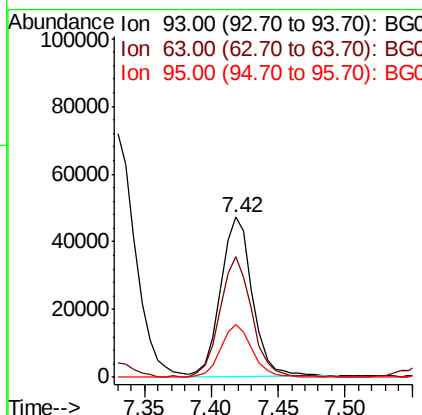
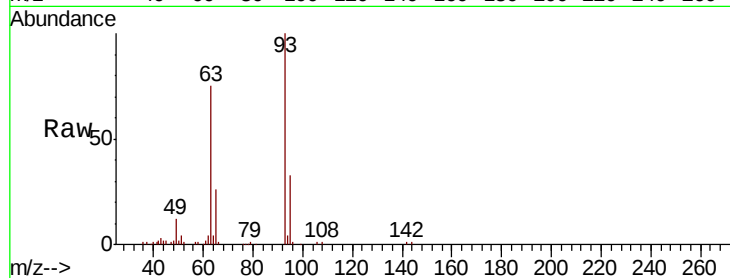




#11  
bis(2-Chloroethyl)ether  
Concen: 38.771 ng  
RT: 7.42 min Scan# 737  
Delta R.T. -0.01 min  
Lab File: BG043614.D  
Acq: 13 Nov 2019 16:05

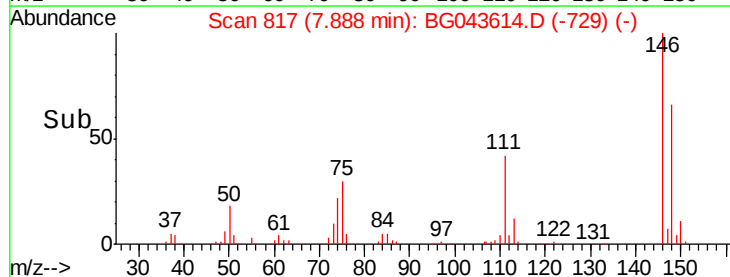
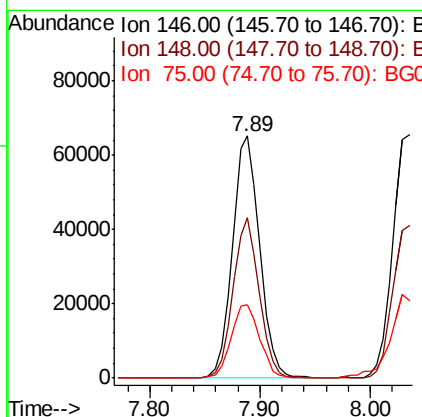
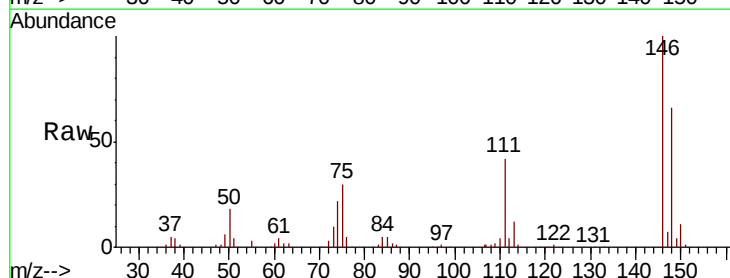
Instrument :  
BNA\_G  
ClientSampleId :

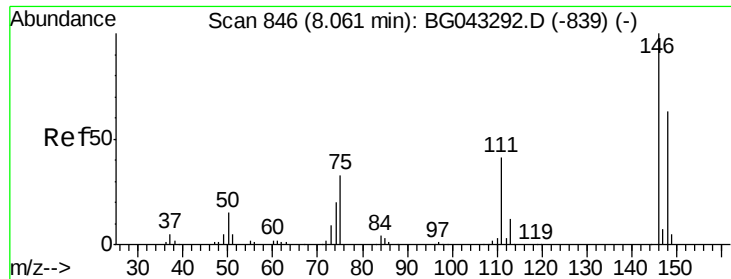
| Tot Ion | 93    | Resp  | 79065 |
|---------|-------|-------|-------|
| Ion     | Ratio | Lower | Upper |
| 93      | 100   |       |       |
| 63      | 75.1  | 56.3  | 96.3  |
| 95      | 32.9  | 12.2  | 52.2  |



#12  
1,3-Dichlorobenzene  
Concen: 40.555 ng  
RT: 7.89 min Scan# 817  
Delta R.T. -0.01 min  
Lab File: BG043614.D  
Acq: 13 Nov 2019 16:05

| Tgt Ion | 146   | Resp  | 112529 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 146     | 100   |       |        |
| 148     | 66.1  | 50.3  | 75.5   |
| 75      | 30.4  | 24.6  | 37.0   |

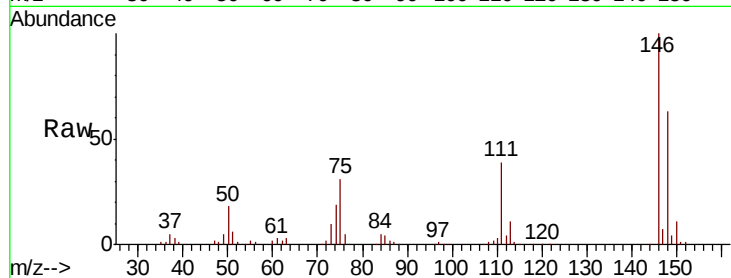




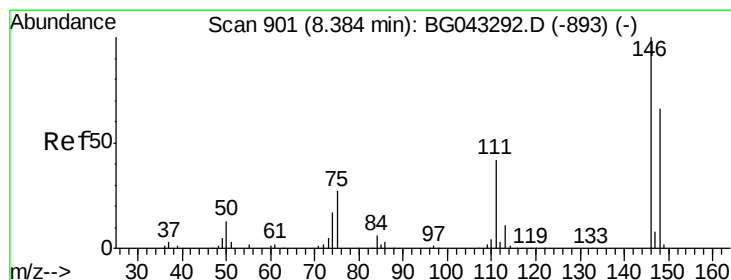
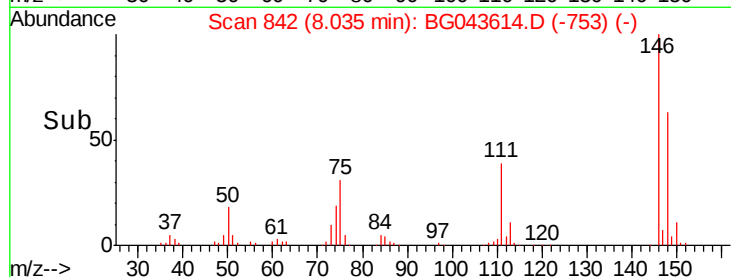
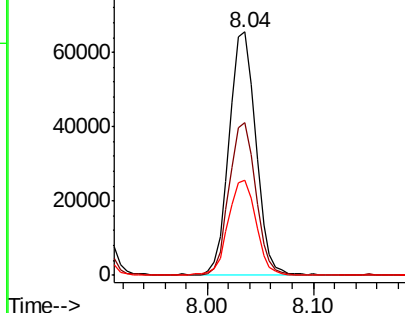
#13  
 1,4-Dichlorobenzene  
 Concen: 40.846 ng  
 RT: 8.04 min Scan# 842  
 Delta R.T. -0.01 min  
 Lab File: BG043614.D  
 Acq: 13 Nov 2019 16:05

Instrument :  
 BNA\_G  
 ClientSampled :

Tot Ion:146 Resp: 114671  
 Ion Ratio Lower Upper  
 146 100  
 148 62.7 50.7 76.1  
 111 39.2 33.4 50.2

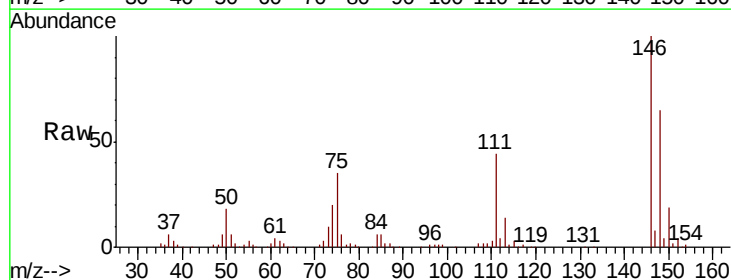


Abundance Ion 146.00 (145.70 to 146.70): E  
 Ion 148.00 (147.70 to 148.70): E  
 Ion 111.00 (110.70 to 111.70): E

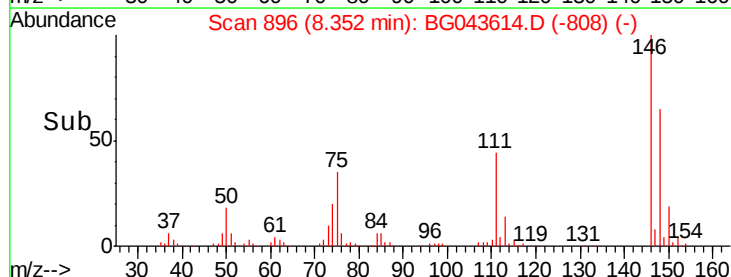
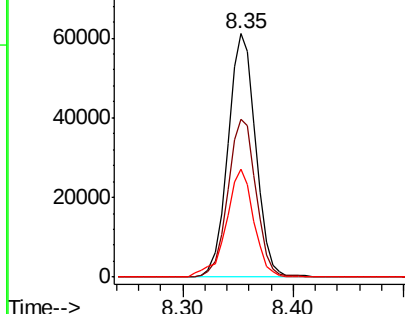


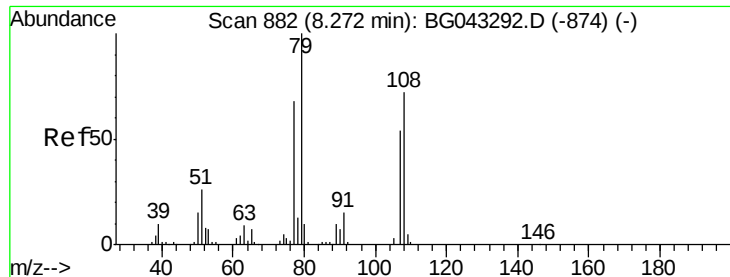
#14  
 1,2-Dichlorobenzene  
 Concen: 39.002 ng  
 RT: 8.35 min Scan# 896  
 Delta R.T. -0.01 min  
 Lab File: BG043614.D  
 Acq: 13 Nov 2019 16:05

Tgt Ion:146 Resp: 106908  
 Ion Ratio Lower Upper  
 146 100  
 148 65.0 53.2 79.8  
 111 44.1 35.8 53.6



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





#15

Benzyl Alcohol

Concen: 41.601 ng

RT: 8.25 min Scan# 879

Delta R.T. -0.00 min

Lab File: BG043614.D

Acq: 13 Nov 2019 16:05

Instrument :

BNA\_G

ClientSampleId :

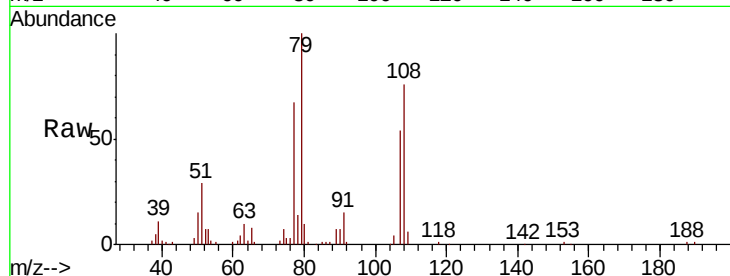
Tot Ion: 79 Resp: 84332

Ion Ratio Lower Upper

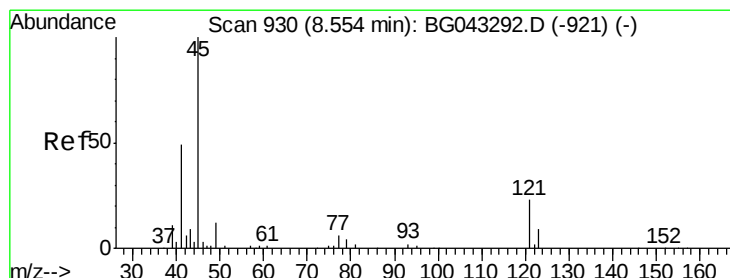
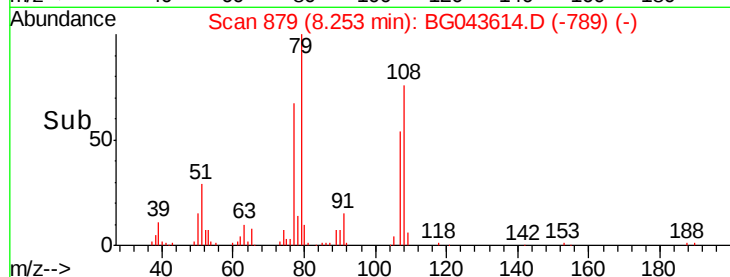
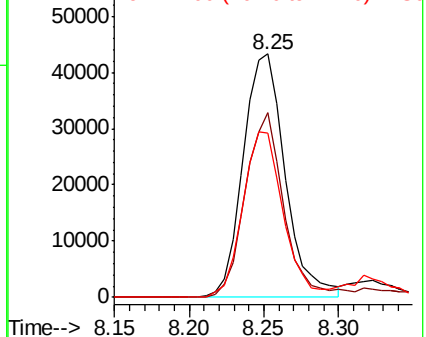
79 100

108 75.8 53.6 80.4

77 67.5 49.6 74.4



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: 38.259 ng

RT: 8.52 min Scan# 925

Delta R.T. -0.02 min

Lab File: BG043614.D

Acq: 13 Nov 2019 16:05

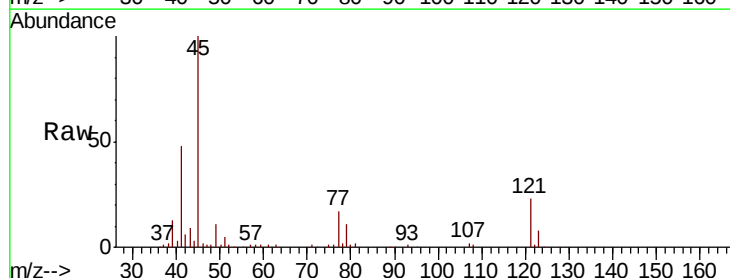
Tgt Ion: 45 Resp: 113448

Ion Ratio Lower Upper

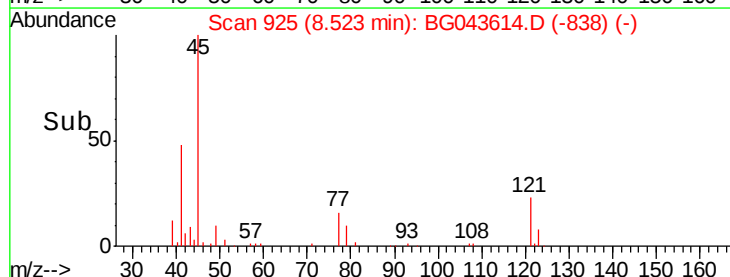
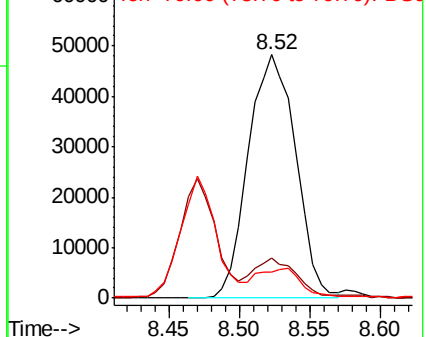
45 100

77 16.5 0.0 34.9

79 10.9 0.0 33.0



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: 41.986 ng

RT: 8.47 min Scan# 916

Delta R.T. 0.00 min

Lab File: BG043614.D

Acq: 13 Nov 2019 16:05

Instrument :

BNA\_G

ClientSampleId :

Tot Ion:107 Resp: 80733

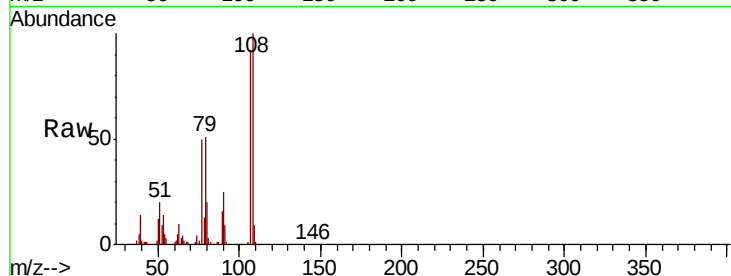
Ion Ratio Lower Upper

107 100

108 109.1 90.2 135.4

77 55.0 40.2 60.2

79 56.1 44.0 66.0

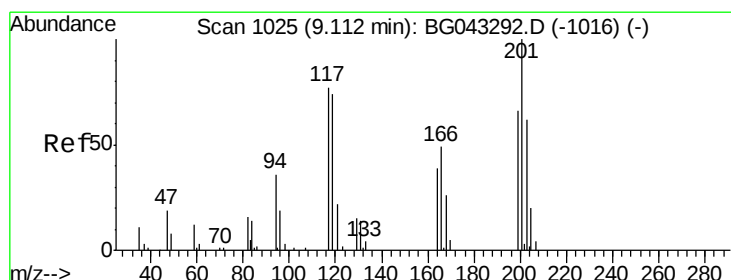
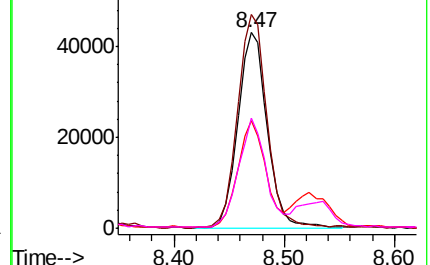
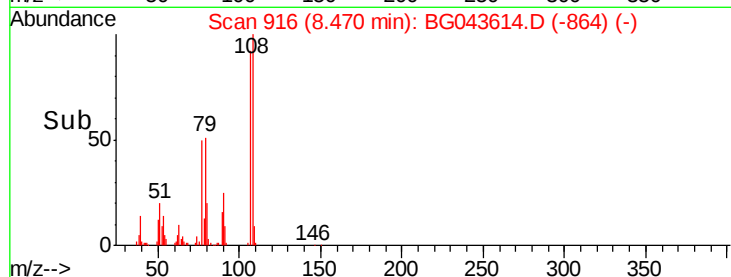


Abundance Ion 107.00 (106.70 to 107.70): E

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: 39.947 ng

RT: 9.08 min Scan# 1020

Delta R.T. -0.01 min

Lab File: BG043614.D

Acq: 13 Nov 2019 16:05

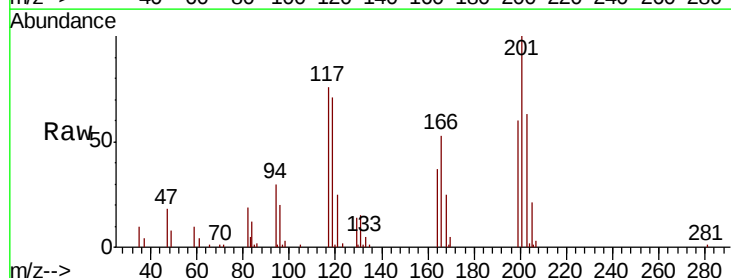
Tgt Ion:117 Resp: 40461

Ion Ratio Lower Upper

117 100

119 93.2 79.0 118.4

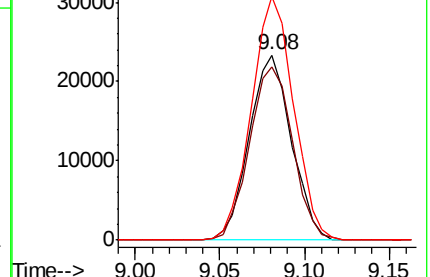
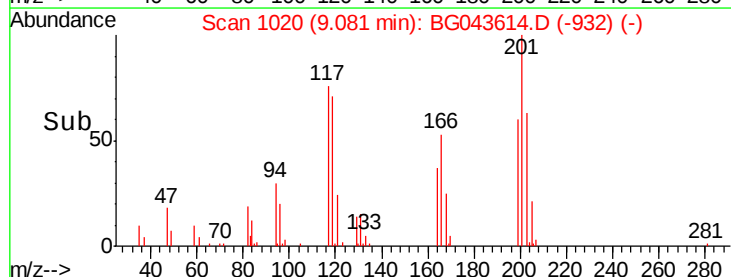
201 131.4 105.4 158.2

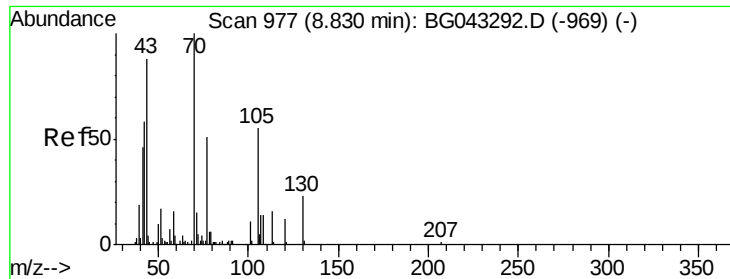


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

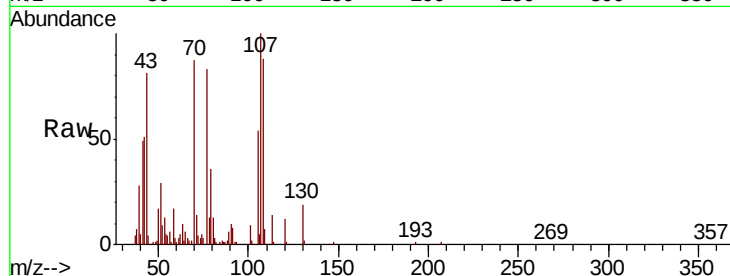




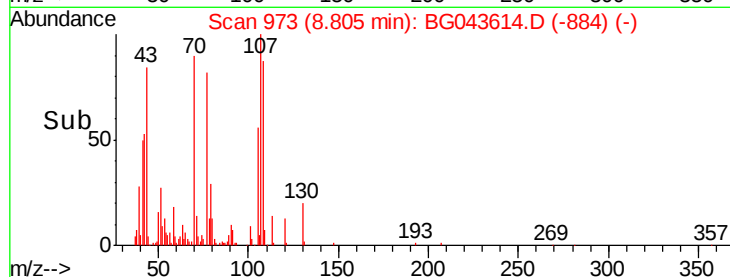
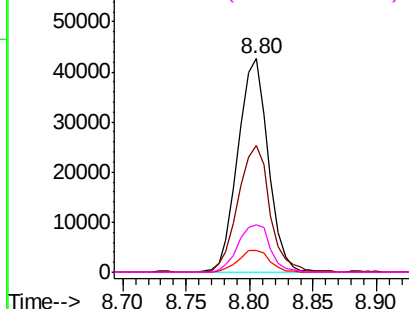
#19  
n-Nitroso-di-n-propylamine  
Concen: 38.012 ng  
RT: 8.80 min Scan# 973  
Delta R.T. -0.01 min  
Lab File: BG043614.D  
Acq: 13 Nov 2019 16:05

Instrument :  
BNA\_G  
ClientSampleId :

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 70    | Resp: | 70899 |
| Ion      | Ratio | Lower | Upper |
| 70       | 100   |       |       |
| 42       | 59.3  | 41.4  | 62.2  |
| 101      | 10.2  | 7.9   | 11.9  |
| 130      | 22.3  | 19.0  | 28.4  |



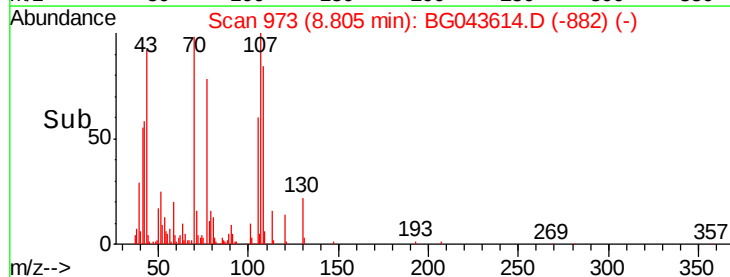
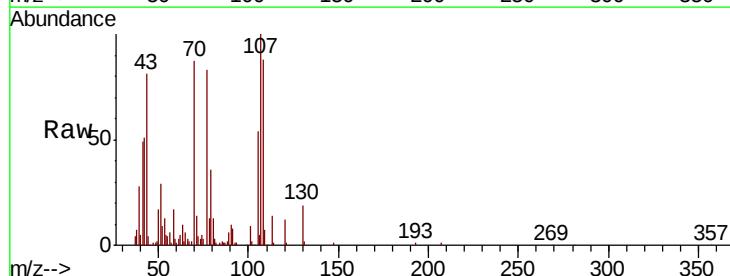
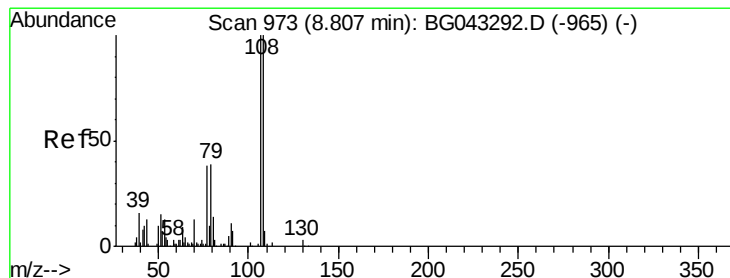
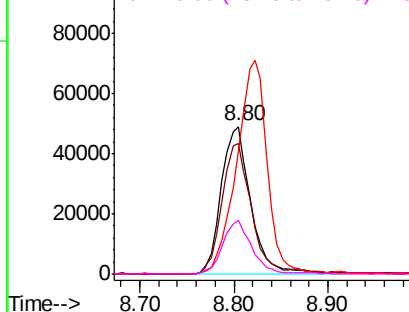
Abundance Ion 70.00 (69.70 to 70.70): BGC  
Ion 42.00 (41.70 to 42.70): BGC  
Ion 101.00 (100.70 to 101.70): BGC  
Ion 130.00 (129.70 to 130.70): BGC



#20  
3+4-Methylphenols  
Concen: 40.715 ng  
RT: 8.80 min Scan# 973  
Delta R.T. 0.00 min  
Lab File: BG043614.D  
Acq: 13 Nov 2019 16:05

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 107353 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 88.1  | 66.6  | 106.6  |
| 77       | 82.9  | 20.9  | 60.9   |
| 79       | 36.0  | 11.3  | 51.3   |

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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.80 min Scan# 1313

Delta R.T. -0.01 min

Lab File: BG043614.D

Acq: 13 Nov 2019 16:05

Instrument :

BNA\_G

ClientSampleId :

Tot Ion:136 Resp: 144765

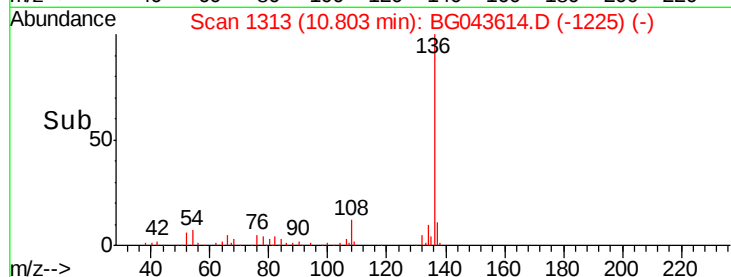
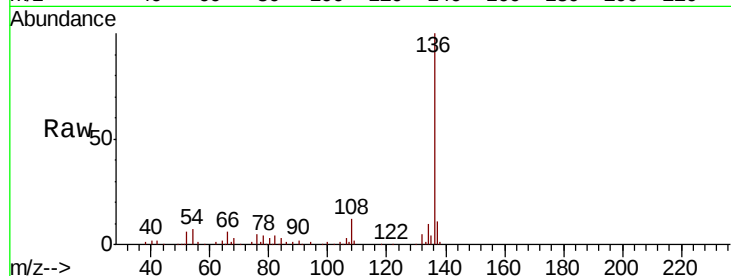
Ion Ratio Lower Upper

136 100

137 11.0 8.7 13.1

54 7.2 5.4 8.2

68 3.5 3.0 4.4

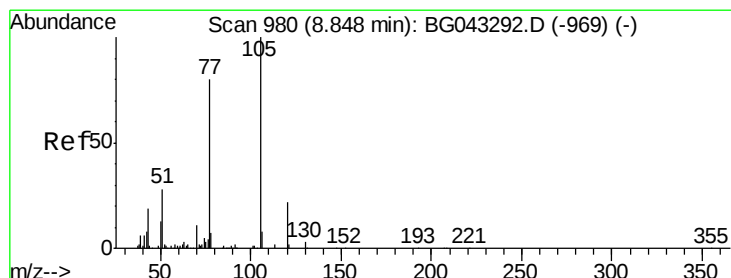
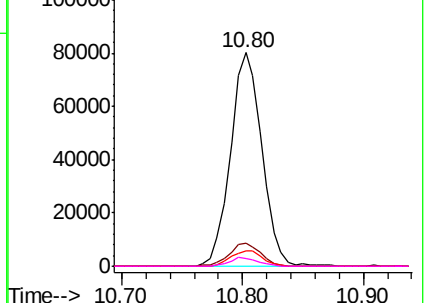


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 40.532 ng

RT: 8.82 min Scan# 976

Delta R.T. -0.01 min

Lab File: BG043614.D

Acq: 13 Nov 2019 16:05

Tgt Ion:105 Resp: 150264

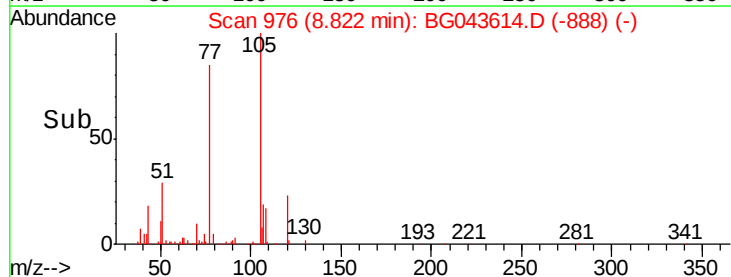
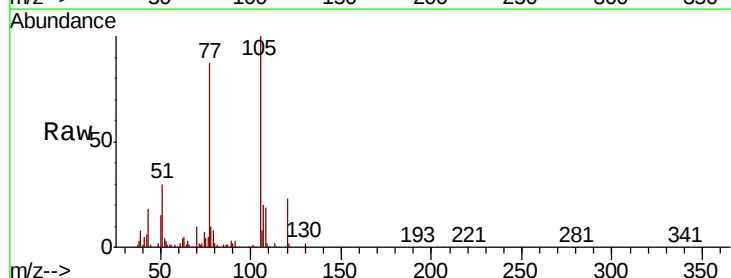
Ion Ratio Lower Upper

105 100

71 2.3 0.8 1.2#

51 29.9 21.0 31.4

120 22.5 18.0 27.0

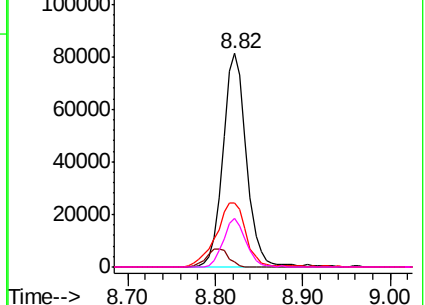


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

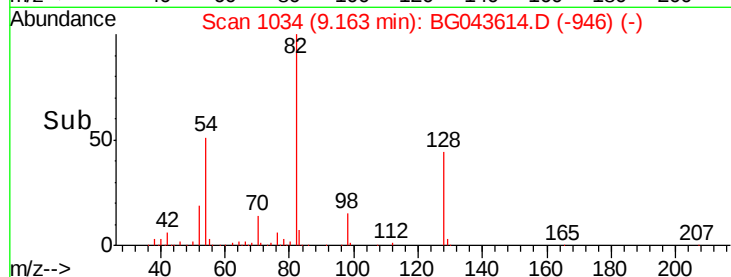
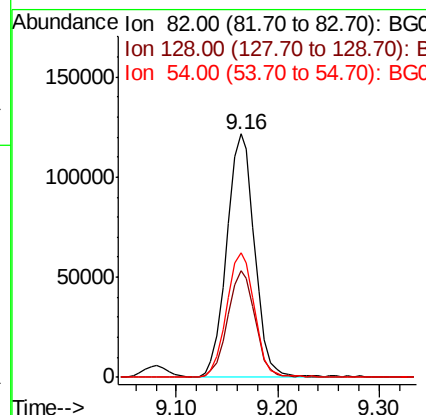
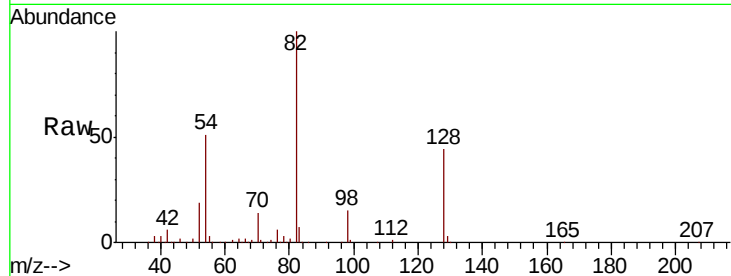




#23  
 Nitrobenzene-d5  
 Concen: 82.319 ng  
 RT: 9.16 min Scan# 1034  
 Delta R.T. -0.01 min  
 Lab File: BG043614.D  
 Acq: 13 Nov 2019 16:05

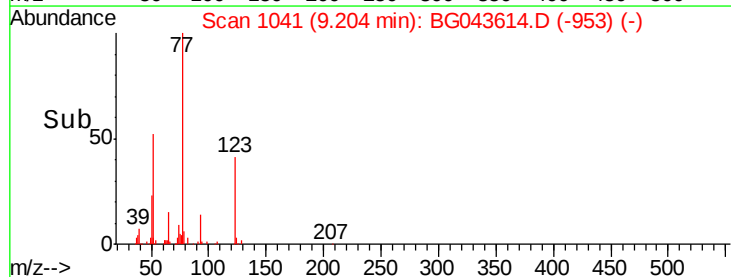
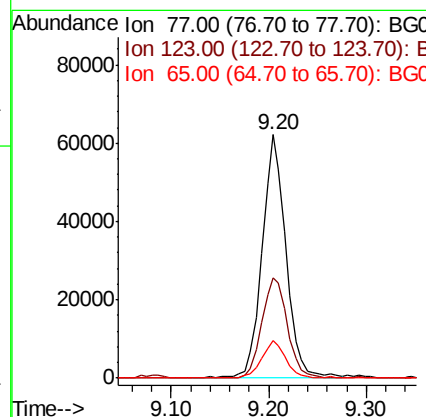
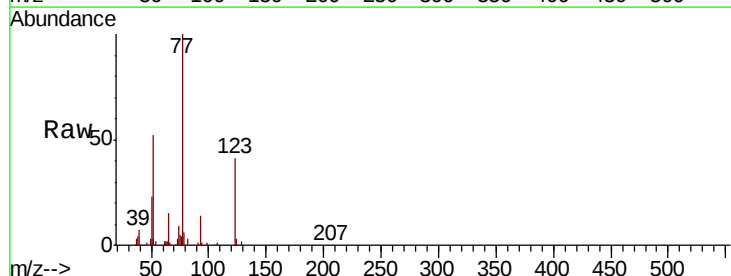
Instrument :  
 BNA\_G  
 ClientSampleId :

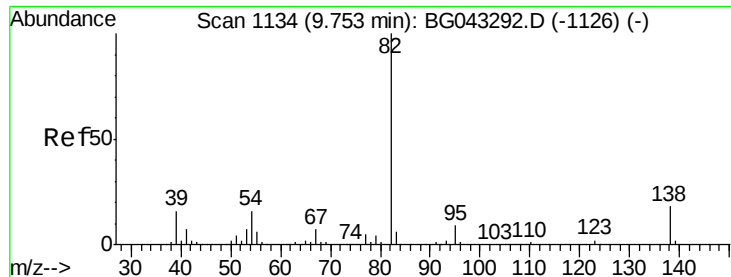
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 43.7  | 35.0  | 52.6  |
| 54      | 51.4  | 40.2  | 60.2  |



#24  
 Nitrobenzene  
 Concen: 40.062 ng  
 RT: 9.20 min Scan# 1041  
 Delta R.T. -0.01 min  
 Lab File: BG043614.D  
 Acq: 13 Nov 2019 16:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 123     | 41.3  | 35.0  | 52.6  |
| 65      | 15.3  | 9.5   | 14.3# |





#25

Isophorone

Concen: 38.556 ng

RT: 9.73 min Scan# 1130

Delta R.T. -0.01 min

Lab File: BG043614.D

Acq: 13 Nov 2019 16:05

Instrument :

BNA\_G

ClientSampled :

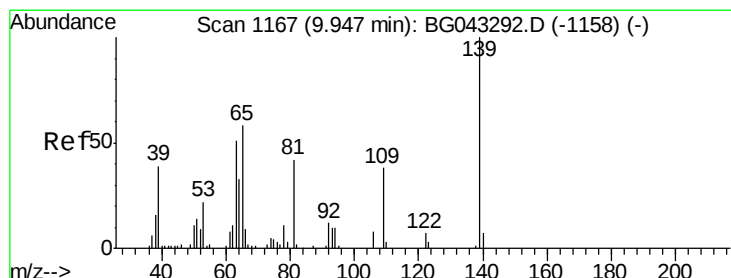
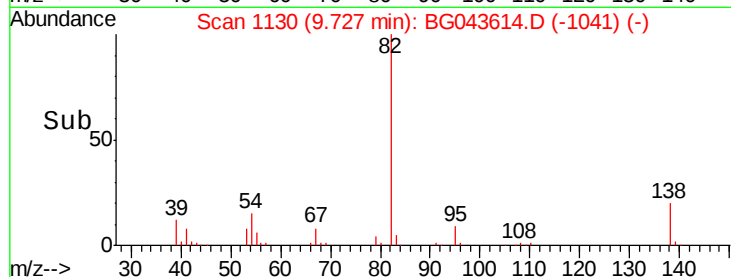
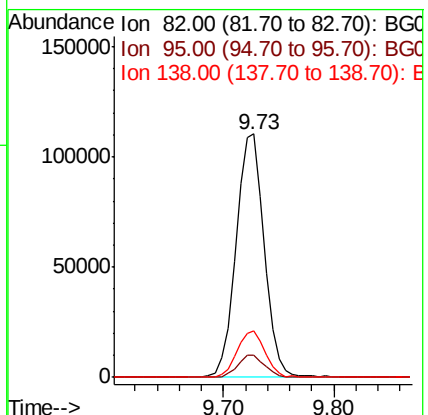
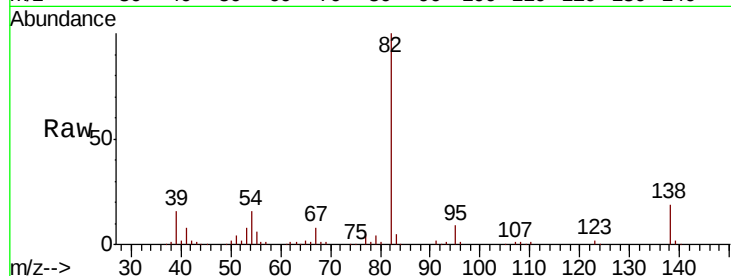
Tot Ion: 82 Resp: 197939

Ion Ratio Lower Upper

82 100

95 9.3 6.6 9.8

138 19.3 15.2 22.8



#26

2-Nitrophenol

Concen: 42.300 ng

RT: 9.92 min Scan# 1163

Delta R.T. -0.01 min

Lab File: BG043614.D

Acq: 13 Nov 2019 16:05

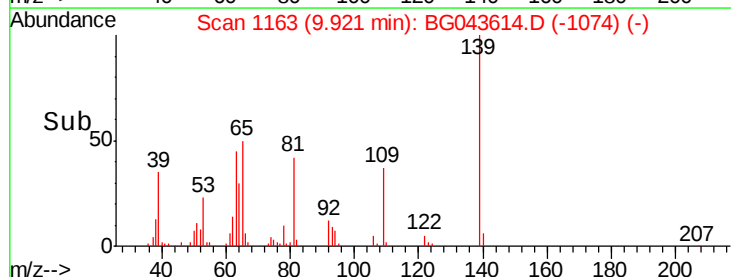
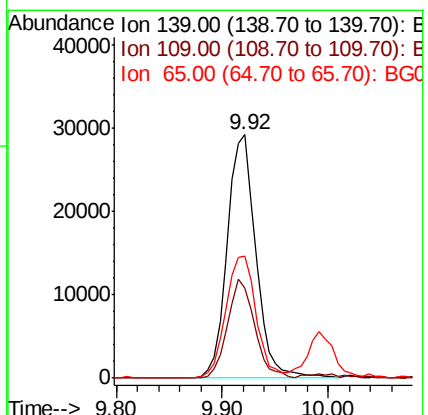
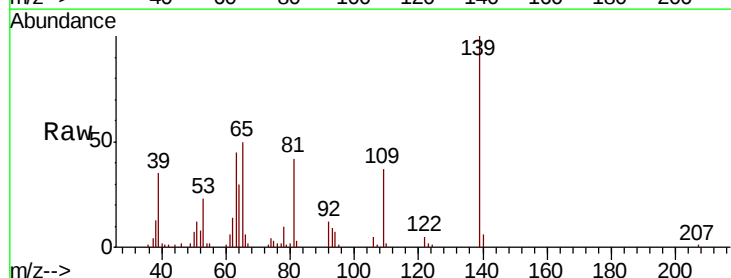
Tgt Ion: 139 Resp: 54627

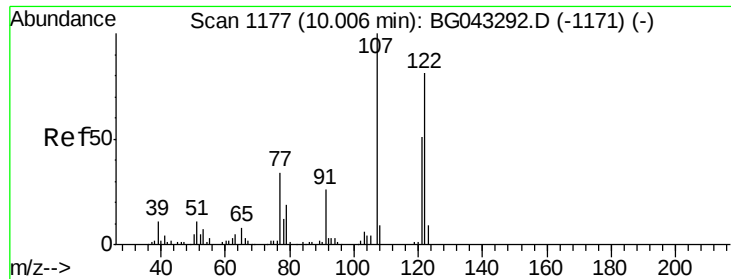
Ion Ratio Lower Upper

139 100

109 36.8 26.5 39.7

65 50.4 43.8 65.8

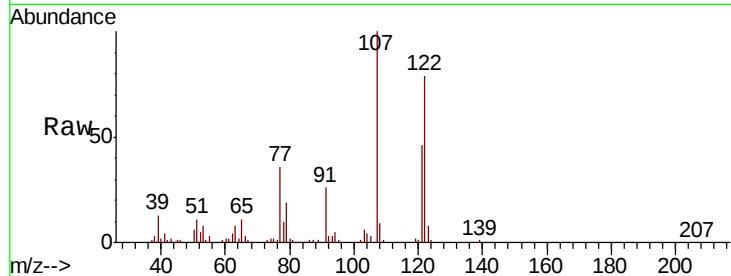




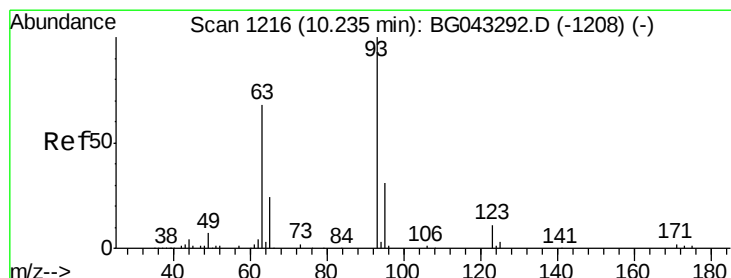
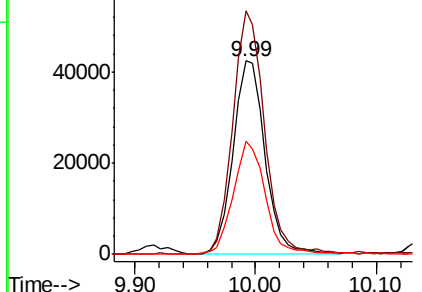
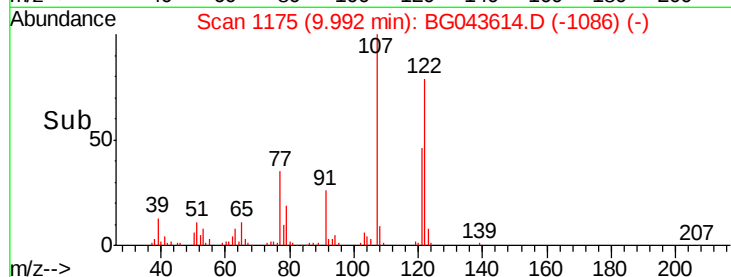
#27  
 2,4-Dimethylphenol  
 Concen: 42.187 ng  
 RT: 9.99 min Scan# 1175  
 Delta R.T. -0.01 min  
 Lab File: BG043614.D  
 Acq: 13 Nov 2019 16:05

Instrument :  
 BNA\_G  
 ClientSampleId :

Tot Ion:122 Resp: 78086  
 Ion Ratio Lower Upper  
 122 100  
 107 125.8 104.4 156.6  
 121 58.2 47.2 70.8

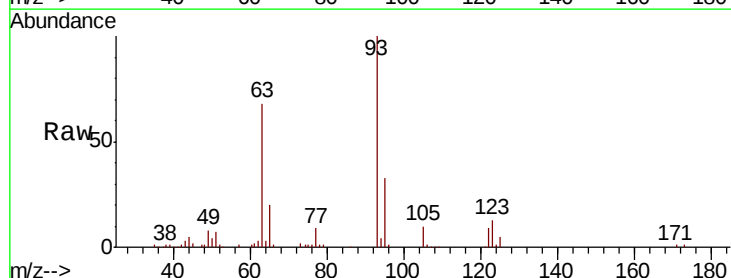


Abundance Ion 122.00 (121.70 to 122.70): E  
 Ion 107.00 (106.70 to 107.70): E  
 Ion 121.00 (120.70 to 121.70): E

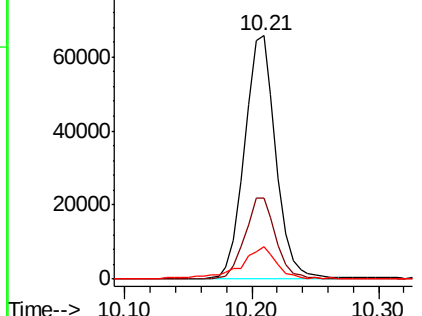
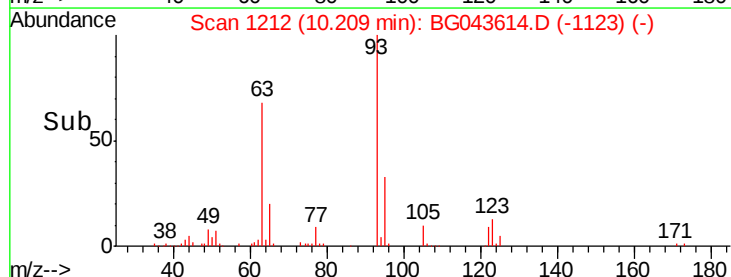


#28  
 bis(2-Chloroethoxy)methane  
 Concen: 39.856 ng  
 RT: 10.21 min Scan# 1212  
 Delta R.T. -0.01 min  
 Lab File: BG043614.D  
 Acq: 13 Nov 2019 16:05

Tgt Ion: 93 Resp: 112930  
 Ion Ratio Lower Upper  
 93 100  
 95 33.1 26.0 39.0  
 123 13.3 10.6 15.8



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

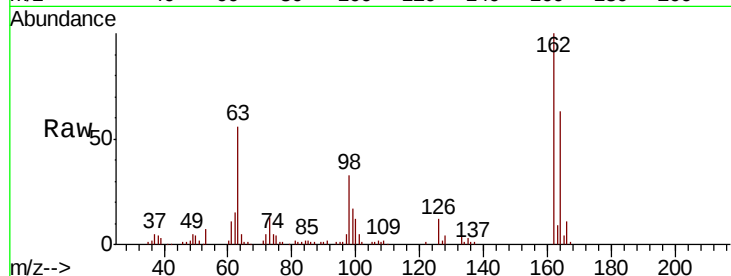




#29  
 2,4-Dichlorophenol  
 Concen: 42.486 ng  
 RT: 10.47 min Scan# 1257  
 Delta R.T. -0.00 min  
 Lab File: BG043614.D  
 Acq: 13 Nov 2019 16:05

Instrument :  
 BNA\_G  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 63.0  | 48.9  | 88.9  |
| 98      | 32.7  | 15.1  | 55.1  |

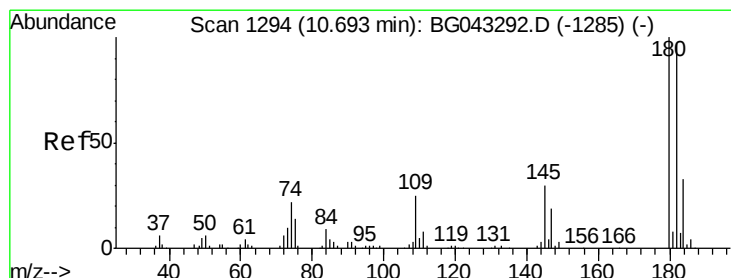
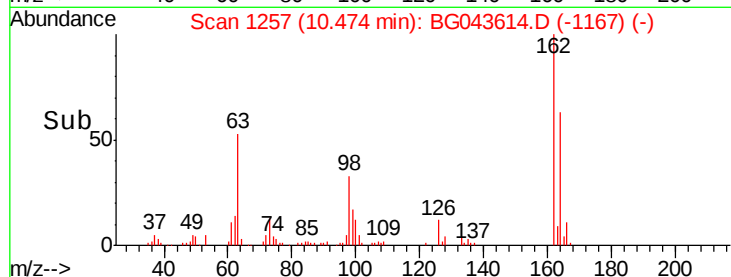
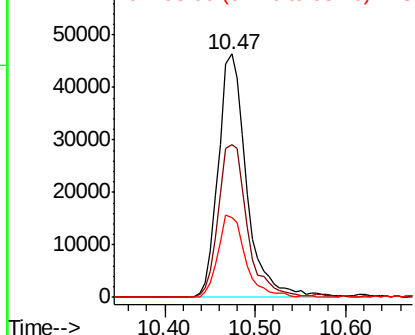


Abundance

Ion 162.00 (161.70 to 162.70): E

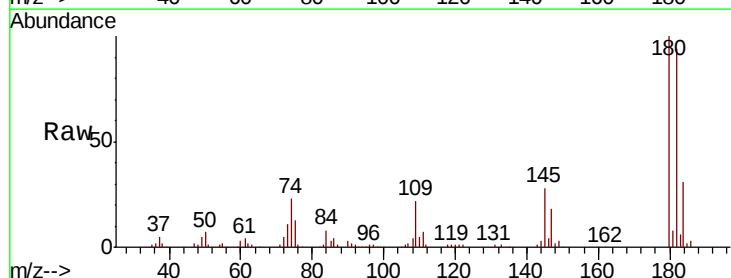
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30  
 1,2,4-Trichlorobenzene  
 Concen: 40.517 ng  
 RT: 10.67 min Scan# 1290  
 Delta R.T. -0.01 min  
 Lab File: BG043614.D  
 Acq: 13 Nov 2019 16:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 94.3  | 75.1  | 112.7 |
| 145     | 27.7  | 23.9  | 35.9  |

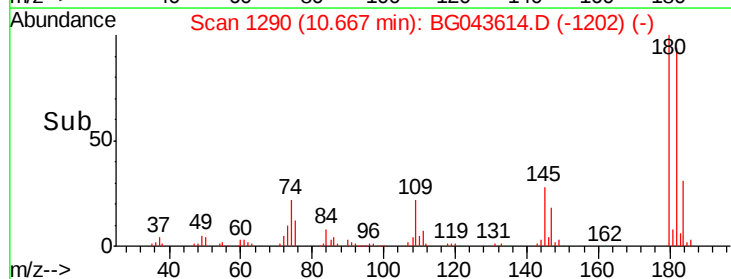
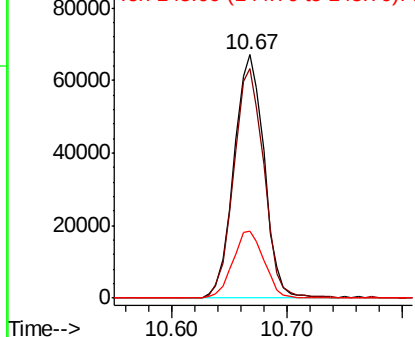


Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

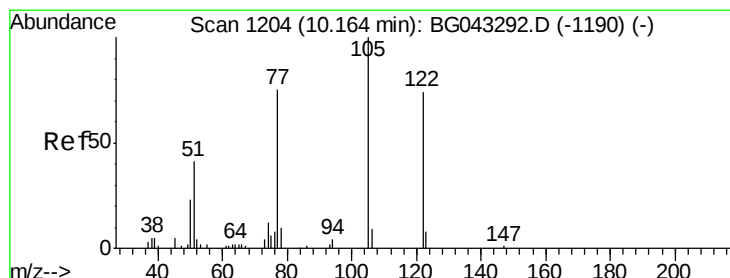
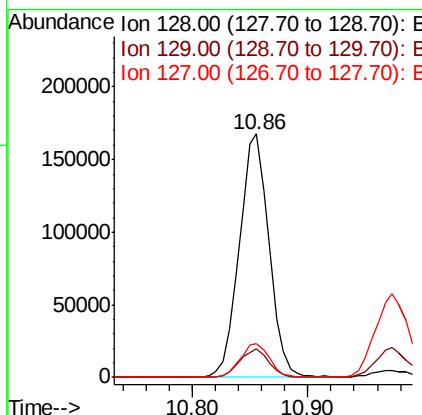
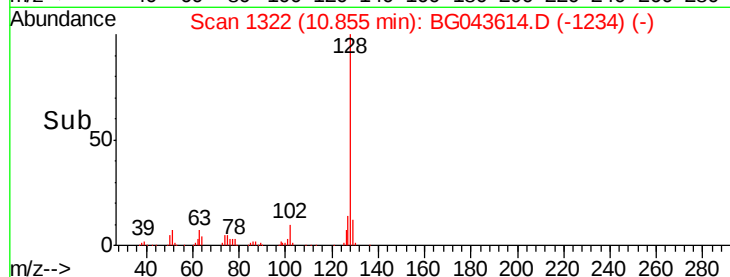
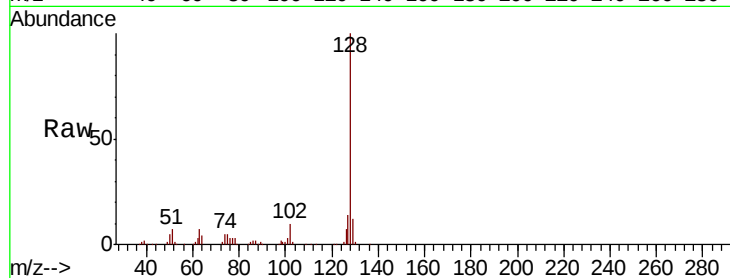




#31  
Naphthalene  
Concen: 40.623 ng  
RT: 10.86 min Scan# 1322  
Delta R.T. -0.01 min  
Lab File: BG043614.D  
Acq: 13 Nov 2019 16:05

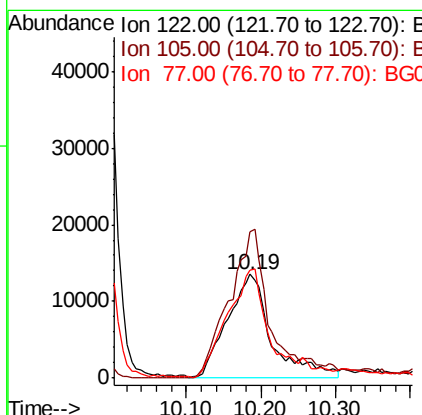
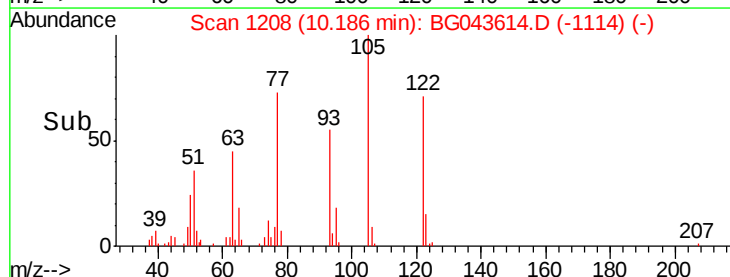
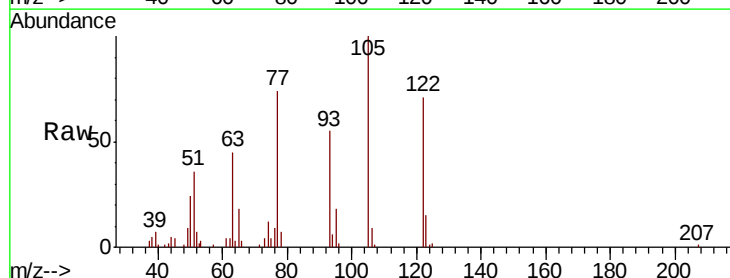
Instrument :  
BNA\_G  
ClientSampleId :

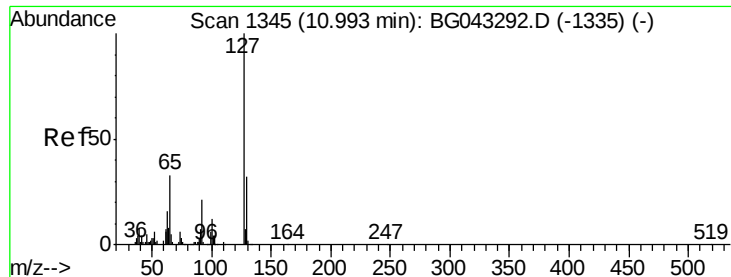
Tot Ion:128 Resp: 298505  
Ion Ratio Lower Upper  
128 100  
129 11.6 9.4 14.0  
127 13.7 11.1 16.7



#32  
Benzoic acid  
Concen: 41.145 ng  
RT: 10.19 min Scan# 1208  
Delta R.T. 0.02 min  
Lab File: BG043614.D  
Acq: 13 Nov 2019 16:05

Tgt Ion:122 Resp: 55899  
Ion Ratio Lower Upper  
122 100  
105 140.8 103.3 143.3  
77 104.5 84.9 124.9

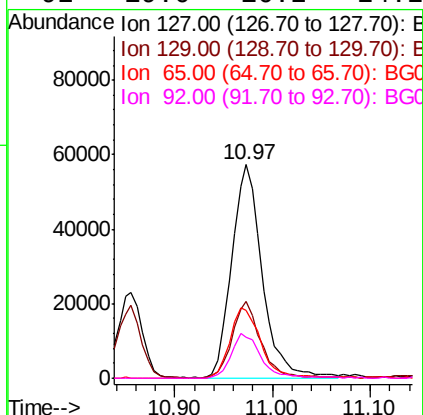
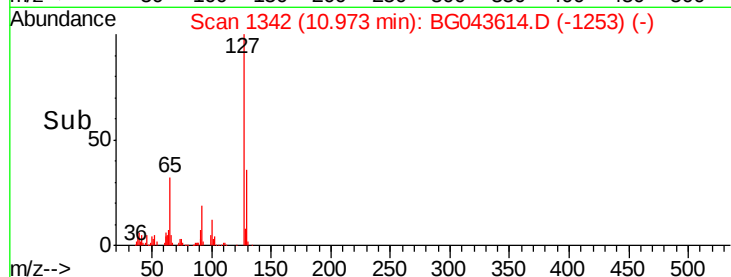
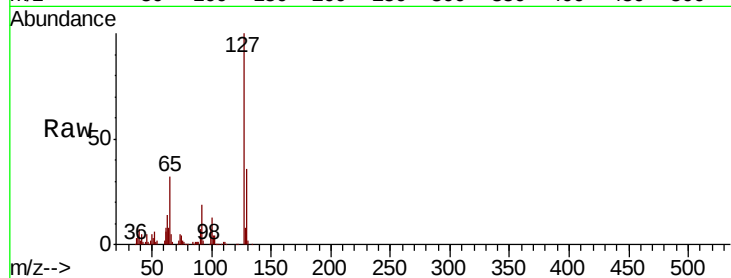




#33  
4-Chloroaniline  
Concen: 41.521 ng  
RT: 10.97 min Scan# 1342  
Delta R.T. -0.01 min  
Lab File: BG043614.D  
Acq: 13 Nov 2019 16:05

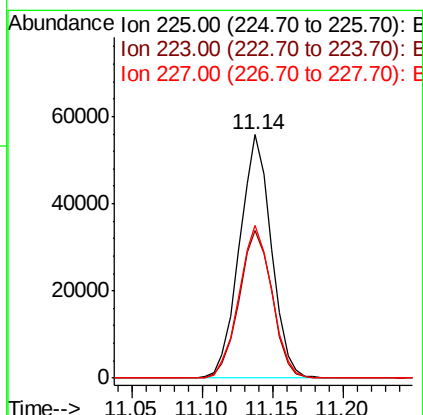
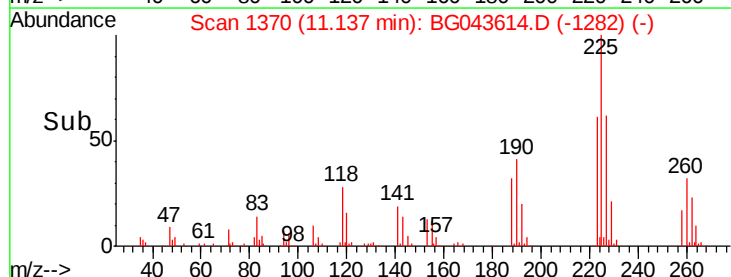
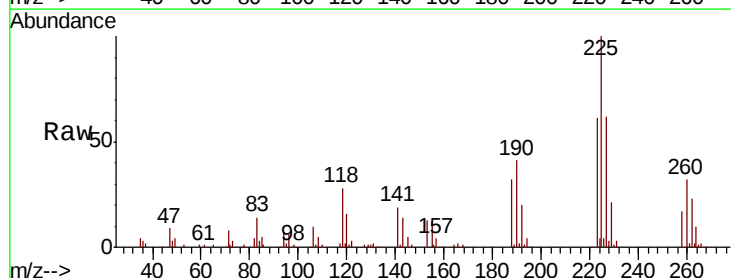
Instrument :  
BNA\_G  
ClientSampleId :

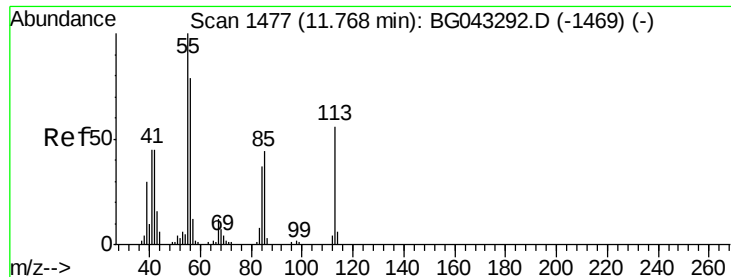
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 127   | Resp: | 125067 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 35.9  | 26.5  | 39.7   |
| 65       | 32.0  | 26.4  | 39.6   |
| 92       | 19.0  | 16.2  | 24.2   |



#34  
Hexachlorobutadiene  
Concen: 39.960 ng  
RT: 11.14 min Scan# 1370  
Delta R.T. -0.01 min  
Lab File: BG043614.D  
Acq: 13 Nov 2019 16:05

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 225   | Resp: | 88293 |
| Ion      | Ratio | Lower | Upper |
| 225      | 100   |       |       |
| 223      | 60.6  | 52.7  | 79.1  |
| 227      | 62.5  | 54.8  | 82.2  |

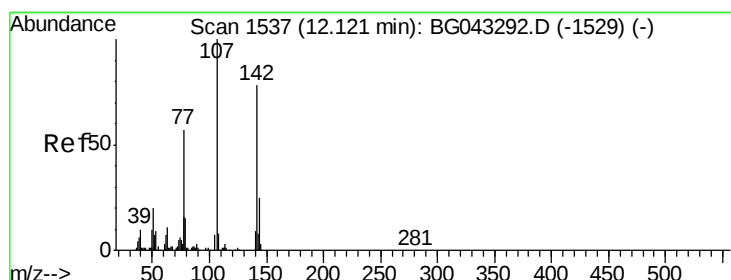
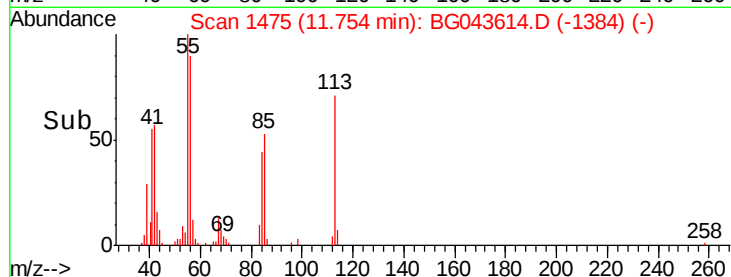
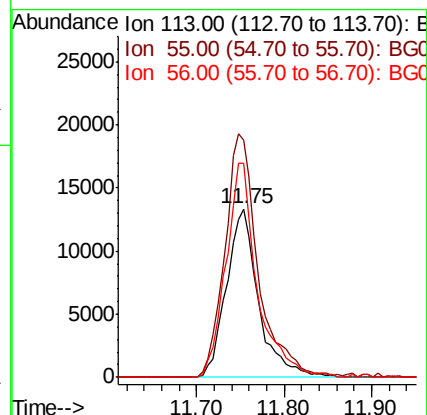
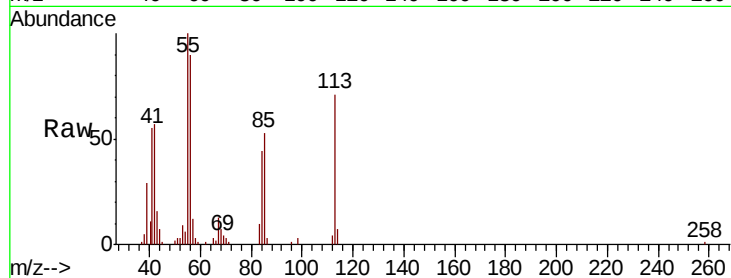




#35  
 Caprolactam  
 Concen: 41.082 ng  
 RT: 11.75 min Scan# 1475  
 Delta R.T. 0.00 min  
 Lab File: BG043614.D  
 Acq: 13 Nov 2019 16:05

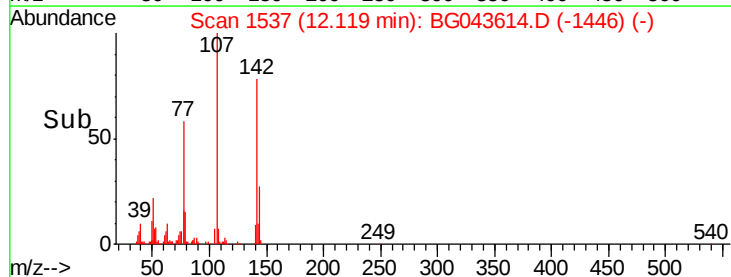
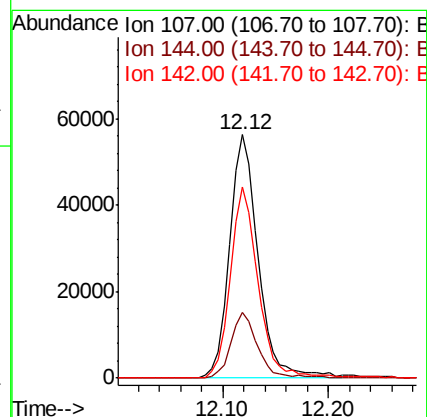
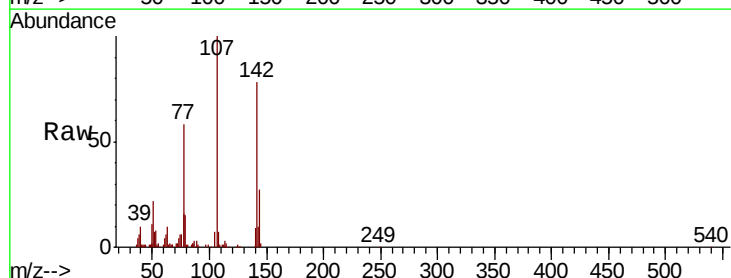
Instrument :  
 BNA\_G  
 ClientSampleId :

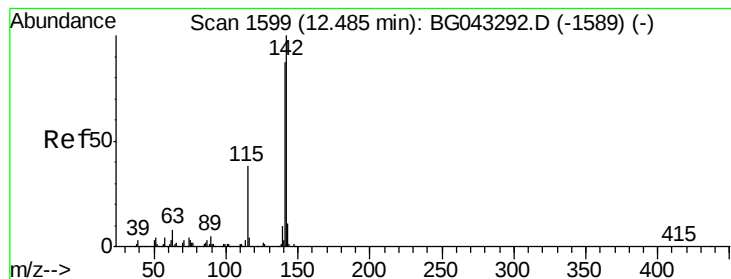
Tot Ion:113 Resp: 33555  
 Ion Ratio Lower Upper  
 113 100  
 55 140.7 134.1 174.1  
 56 126.9 100.4 140.4



#36  
 4-Chloro-3-methylphenol  
 Concen: 40.755 ng  
 RT: 12.12 min Scan# 1537  
 Delta R.T. 0.00 min  
 Lab File: BG043614.D  
 Acq: 13 Nov 2019 16:05

Tgt Ion:107 Resp: 105428  
 Ion Ratio Lower Upper  
 107 100  
 144 27.1 20.9 31.3  
 142 78.4 59.6 89.4





#37

2-Methylnaphthalene

Concen: 40.009 ng

RT: 12.46 min Scan# 1595

Delta R.T. -0.01 min

Lab File: BG043614.D

Acq: 13 Nov 2019 16:05

Instrument :

BNA\_G

ClientSampleId :

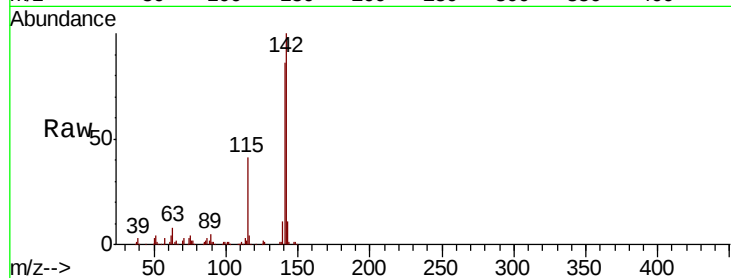
Tot Ion:142 Resp: 225576

Ion Ratio Lower Upper

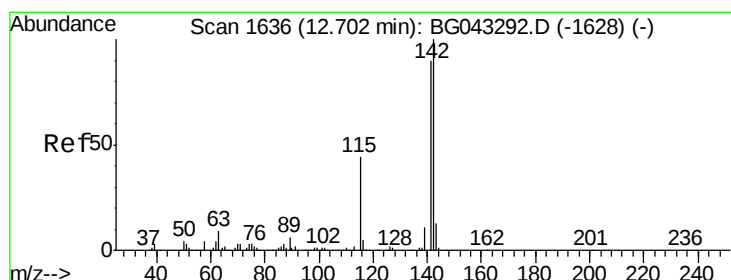
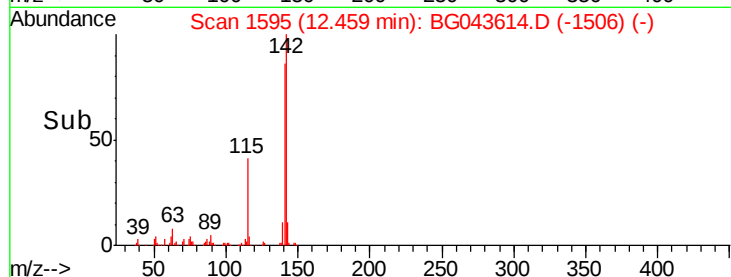
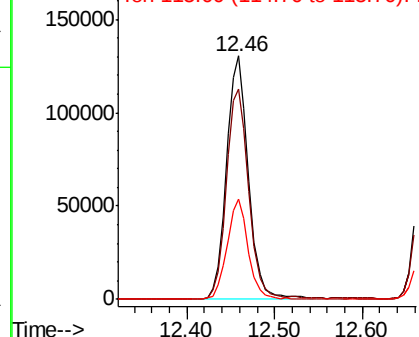
142 100

141 86.3 72.2 108.2

115 41.1 33.2 49.8



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: 38.807 ng

RT: 12.68 min Scan# 1632

Delta R.T. -0.01 min

Lab File: BG043614.D

Acq: 13 Nov 2019 16:05

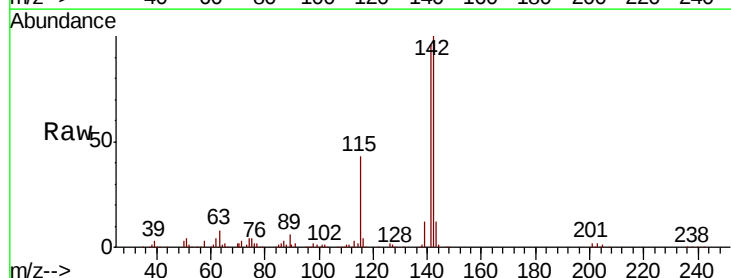
Tgt Ion:142 Resp: 208180

Ion Ratio Lower Upper

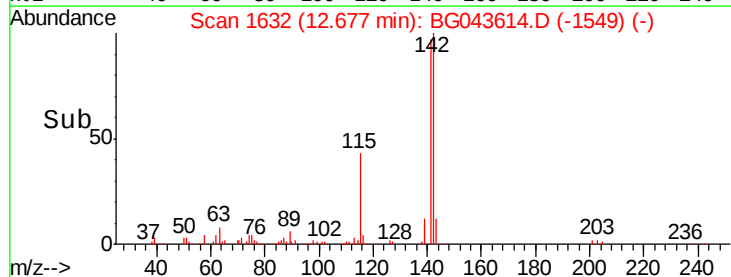
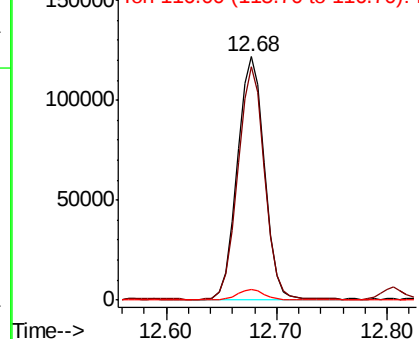
142 100

141 96.1 73.2 109.8

116 4.3 3.6 5.4



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

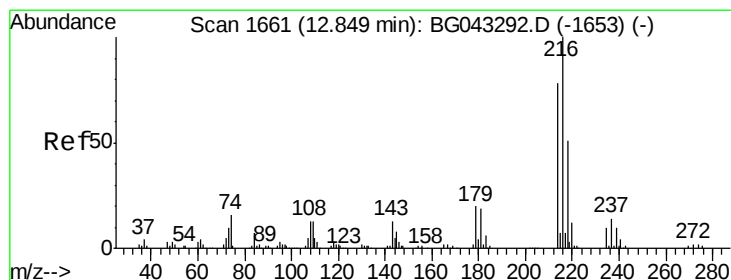
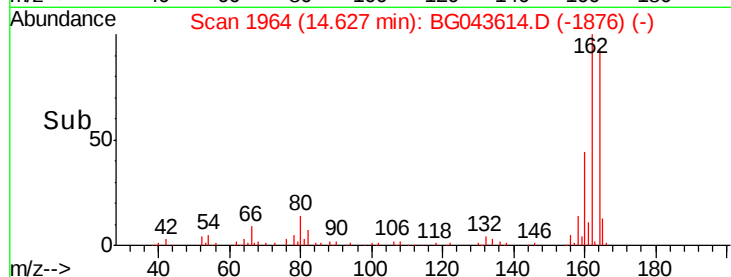
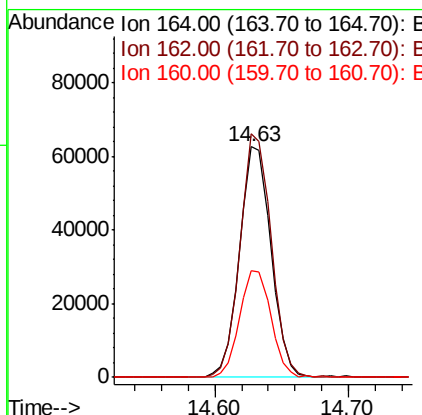
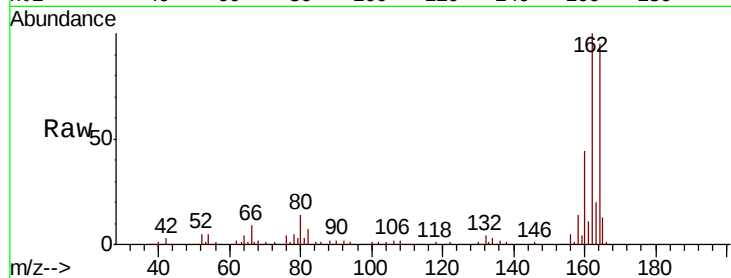




#39  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 14.63 min Scan# 1964  
 Delta R.T. -0.01 min  
 Lab File: BG043614.D  
 Acq: 13 Nov 2019 16:05

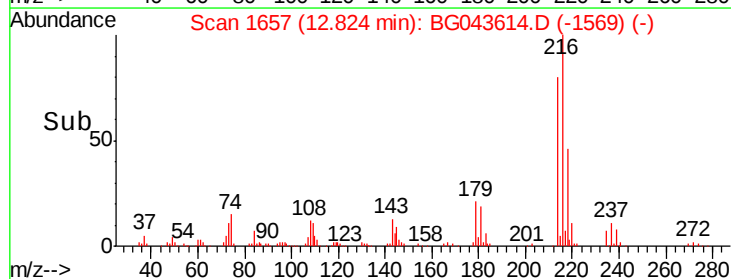
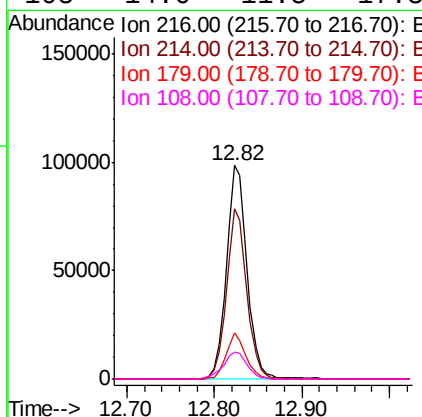
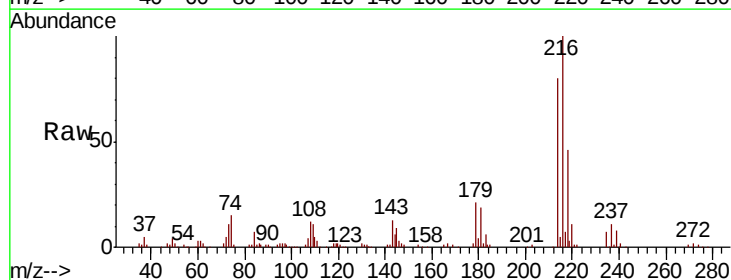
Instrument :  
 BNA\_G  
 ClientSampleId :

Tot Ion:164 Resp: 102351  
 Ion Ratio Lower Upper  
 164 100  
 162 105.7 83.5 125.3  
 160 46.4 36.5 54.7



#40  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 41.863 ng  
 RT: 12.82 min Scan# 1657  
 Delta R.T. -0.01 min  
 Lab File: BG043614.D  
 Acq: 13 Nov 2019 16:05

Tgt Ion:216 Resp: 158573  
 Ion Ratio Lower Upper  
 216 100  
 214 78.3 61.7 92.5  
 179 20.1 15.8 23.8  
 108 14.6 11.5 17.3

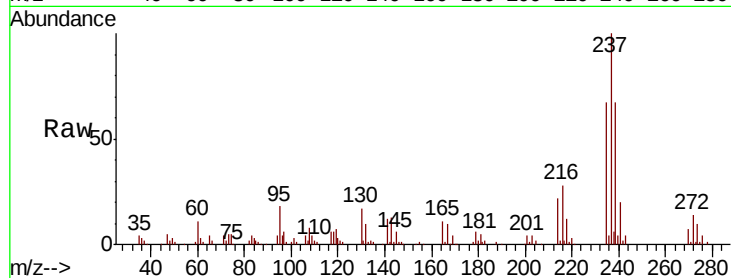




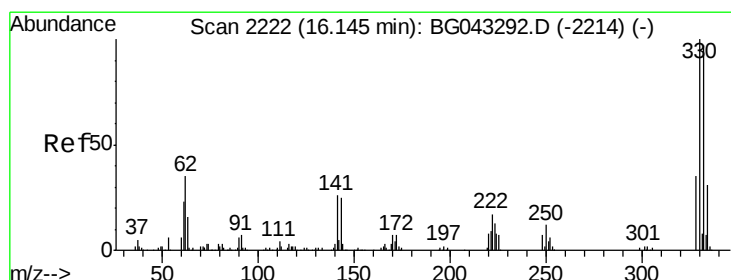
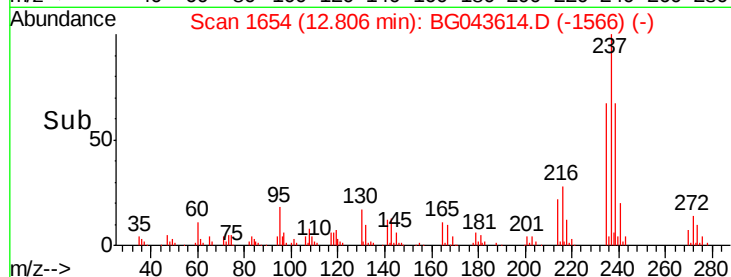
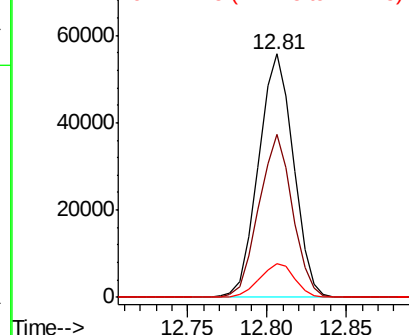
#41  
Hexachlorocyclopentadiene  
Concen: 42.974 ng  
RT: 12.81 min Scan# 1654  
Delta R.T. -0.01 min  
Lab File: BG043614.D  
Acq: 13 Nov 2019 16:05

Instrument :  
BNA\_G  
ClientSampleId :

Tot Ion:237 Resp: 85508  
Ion Ratio Lower Upper  
237 100  
235 67.2 41.6 81.6  
272 13.9 0.0 32.5

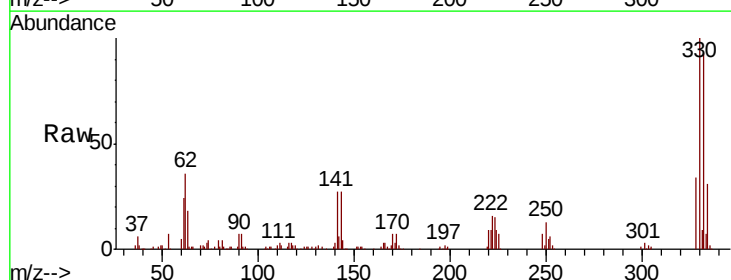


Abundance Ion 236.80 (236.50 to 237.50): E  
Ion 234.90 (234.60 to 235.60): E  
Ion 271.75 (271.45 to 272.45): E

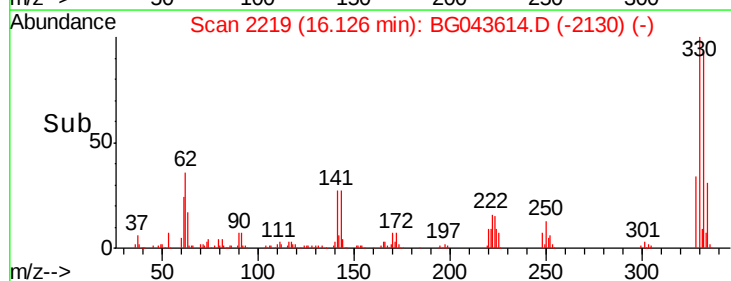
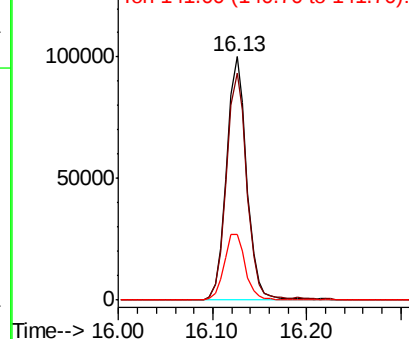


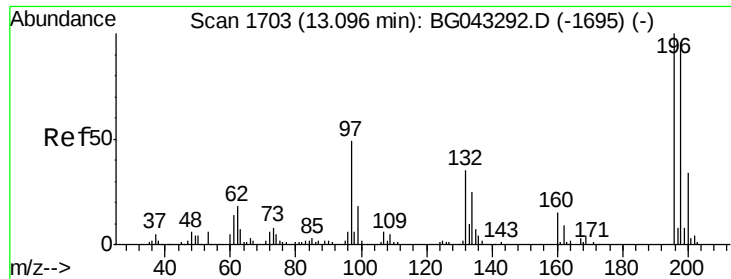
#42  
2,4,6-Tribromophenol  
Concen: 77.483 ng  
RT: 16.13 min Scan# 2219  
Delta R.T. -0.01 min  
Lab File: BG043614.D  
Acq: 13 Nov 2019 16:05

Tgt Ion:330 Resp: 150917  
Ion Ratio Lower Upper  
330 100  
332 94.2 77.4 116.0  
141 28.4 22.8 34.2



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

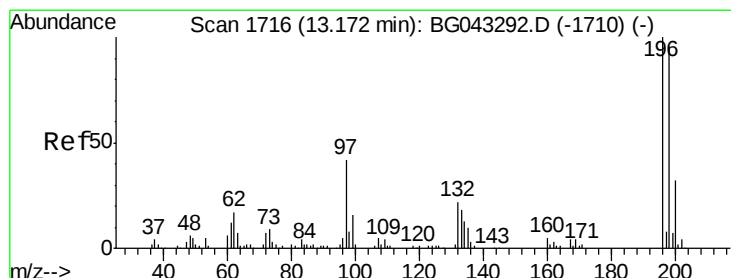
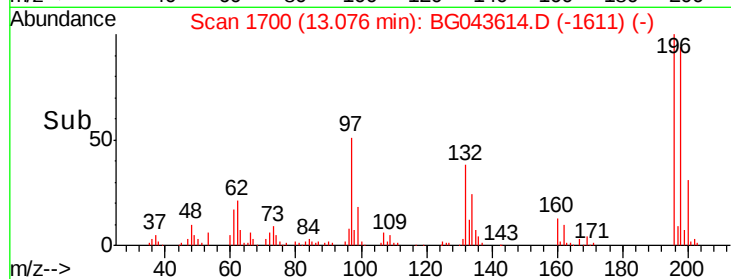
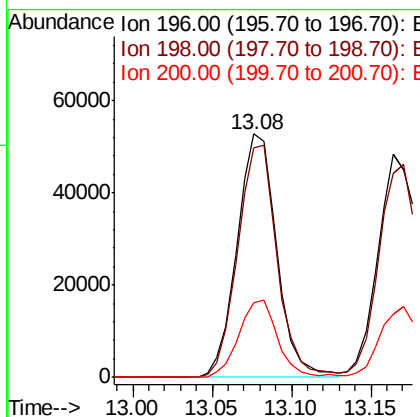
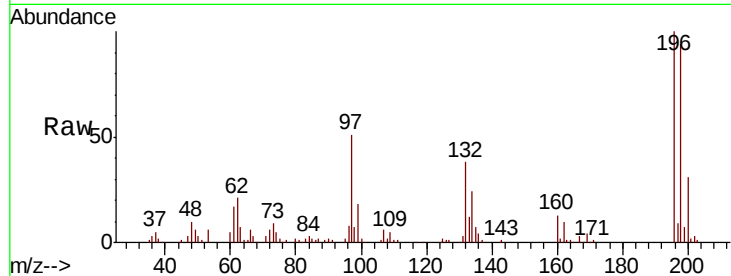




#43  
 2,4,6-Trichlorophenol  
 Concen: 41.031 ng  
 RT: 13.08 min Scan# 1700  
 Delta R.T. -0.01 min  
 Lab File: BG043614.D  
 Acq: 13 Nov 2019 16:05

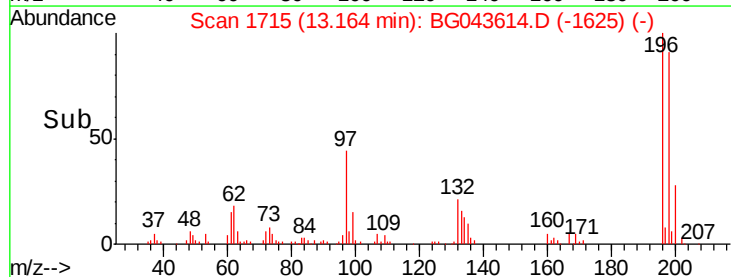
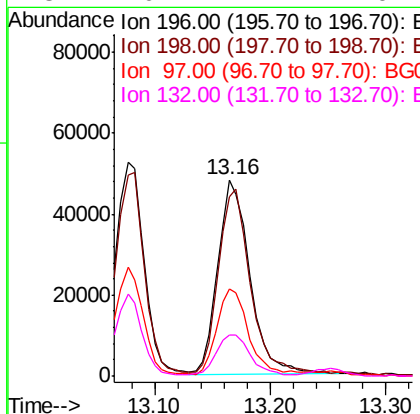
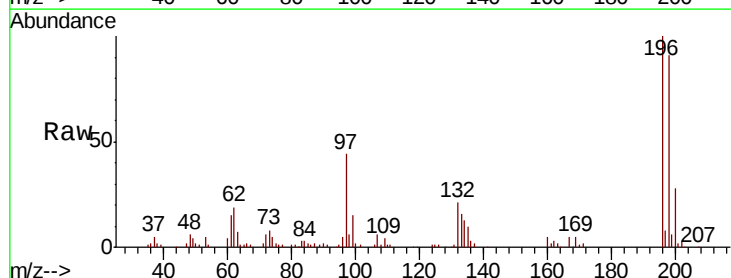
Instrument :  
 BNA\_G  
 ClientSampleId :

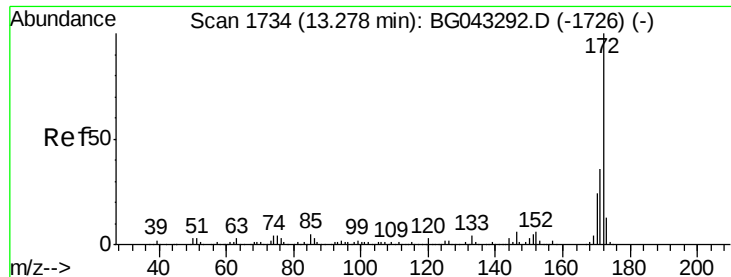
Tot Ion:196 Resp: 91529  
 Ion Ratio Lower Upper  
 196 100  
 198 94.3 75.8 113.6  
 200 30.8 23.9 35.9



#44  
 2,4,5-Trichlorophenol  
 Concen: 41.173 ng  
 RT: 13.16 min Scan# 1715  
 Delta R.T. -0.00 min  
 Lab File: BG043614.D  
 Acq: 13 Nov 2019 16:05

Tgt Ion:196 Resp: 92853  
 Ion Ratio Lower Upper  
 196 100  
 198 91.3 74.5 111.7  
 97 44.1 36.3 54.5  
 132 20.7 17.4 26.2

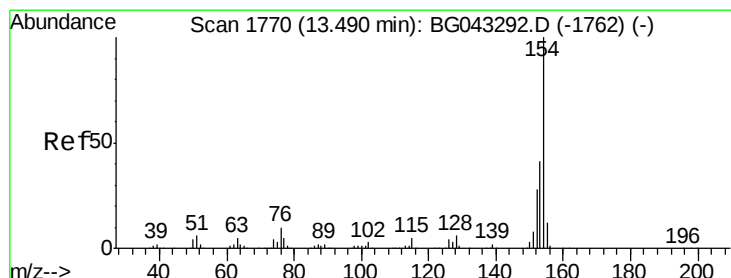
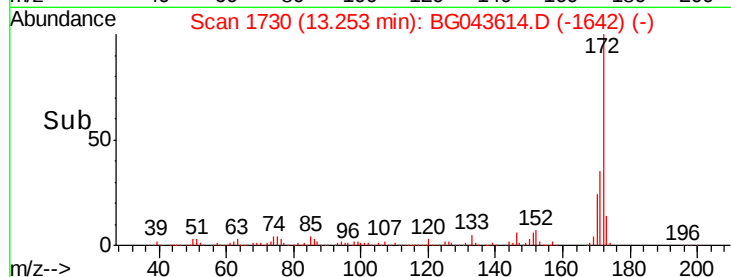
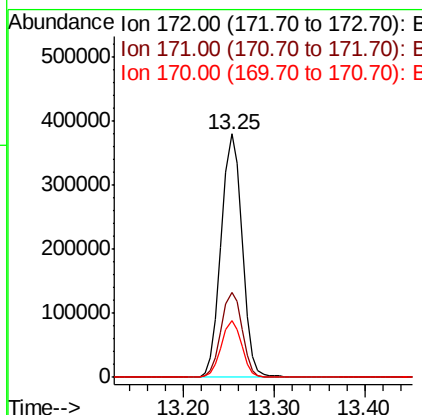
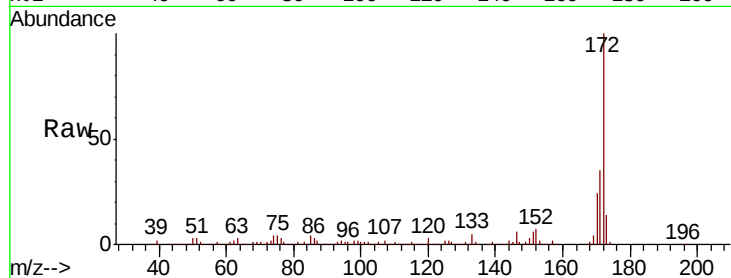




#45  
2-Fluorobiphenyl  
Concen: 82.481 ng  
RT: 13.25 min Scan# 1730  
Delta R.T. -0.01 min  
Lab File: BG043614.D  
Acq: 13 Nov 2019 16:05

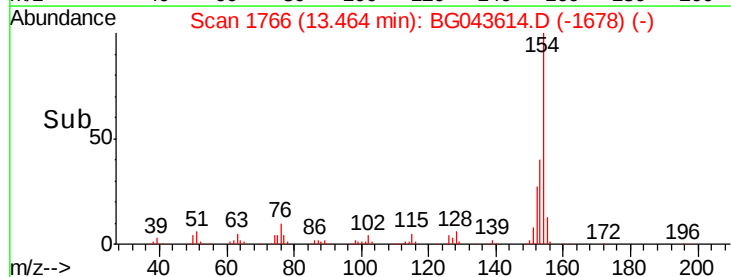
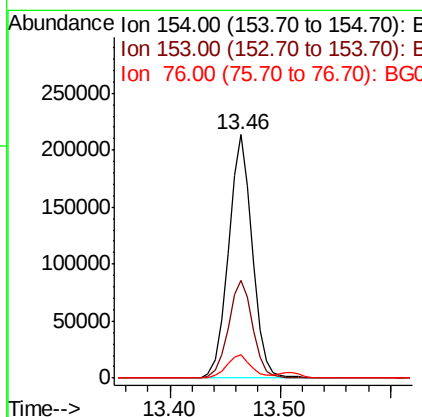
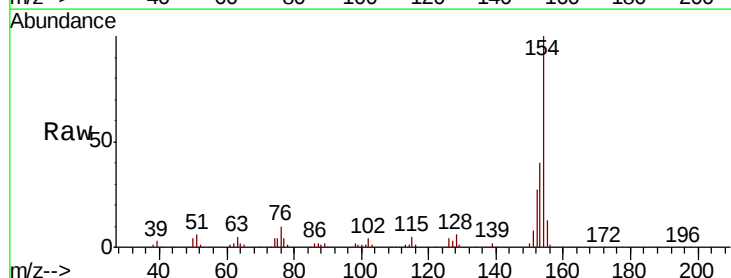
Instrument :  
BNA\_G  
ClientSampled :

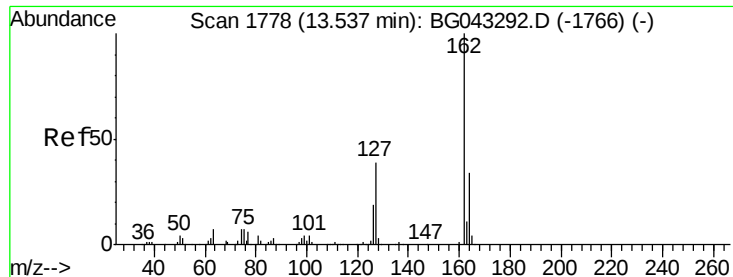
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 34.7  | 28.9  | 43.3  |
| 170     | 23.5  | 18.5  | 27.7  |



#46  
1,1'-Biphenyl  
Concen: 41.349 ng  
RT: 13.46 min Scan# 1766  
Delta R.T. -0.01 min  
Lab File: BG043614.D  
Acq: 13 Nov 2019 16:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 40.1  | 19.9  | 59.9  |
| 76      | 9.5   | 0.0   | 29.4  |

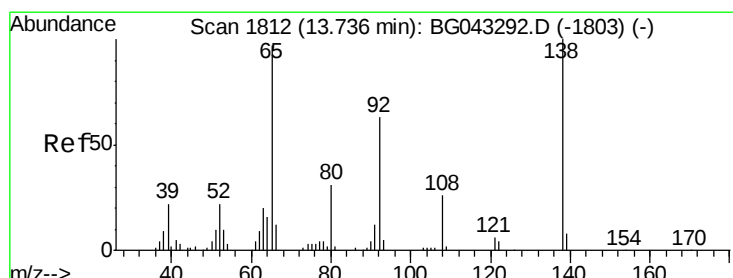
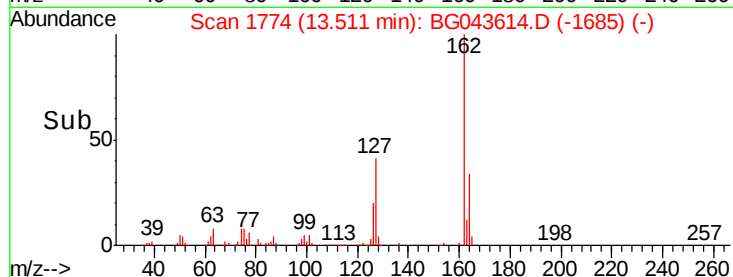
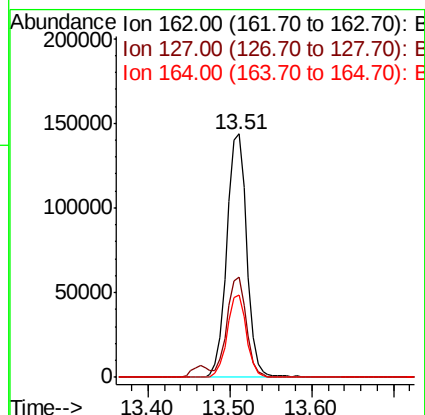
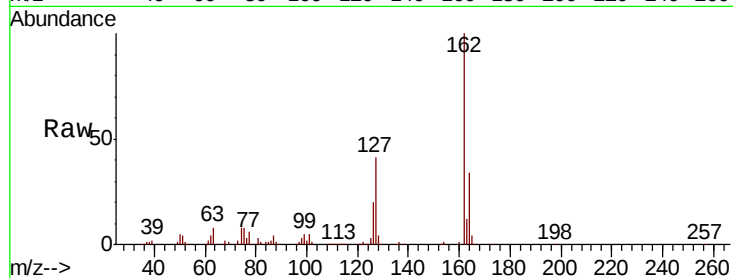




#47  
2-Chloronaphthalene  
Concen: 41.338 ng  
RT: 13.51 min Scan# 1774  
Delta R.T. -0.01 min  
Lab File: BG043614.D  
Acq: 13 Nov 2019 16:05

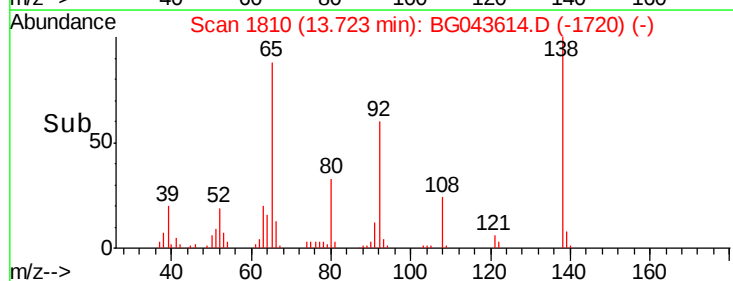
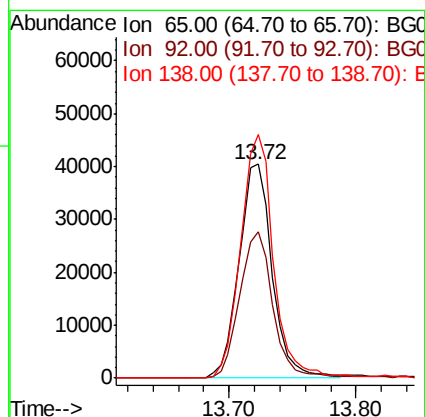
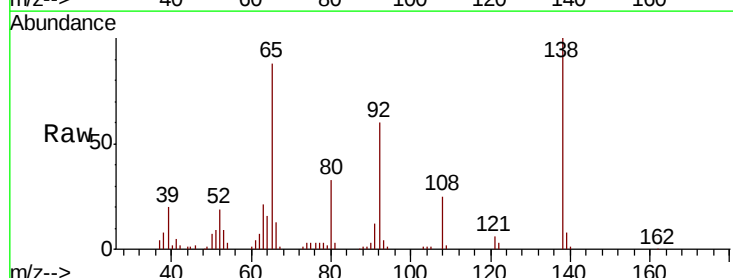
Instrument :  
BNA\_G  
ClientSampleId :

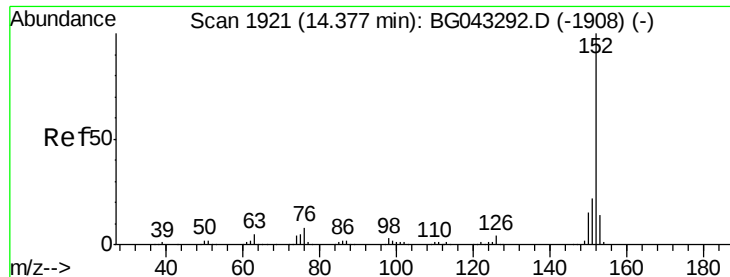
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 41.4  | 31.2  | 46.8  |
| 164     | 33.8  | 25.8  | 38.8  |



#48  
2-Nitroaniline  
Concen: 41.550 ng  
RT: 13.72 min Scan# 1810  
Delta R.T. -0.00 min  
Lab File: BG043614.D  
Acq: 13 Nov 2019 16:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 68.4  | 56.2  | 84.2  |
| 138     | 113.8 | 82.6  | 123.8 |





#49

Acenaphthylene

Concen: 41.379 ng

RT: 14.35 min Scan# 1917

Delta R.T. -0.01 min

Lab File: BG043614.D

Acq: 13 Nov 2019 16:05

Instrument :

BNA\_G

ClientSampleId :

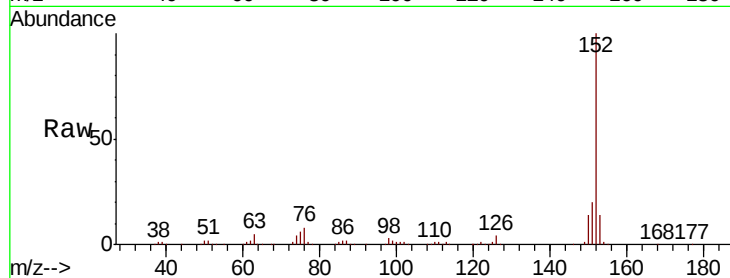
Tot Ion:152 Resp: 381528

Ion Ratio Lower Upper

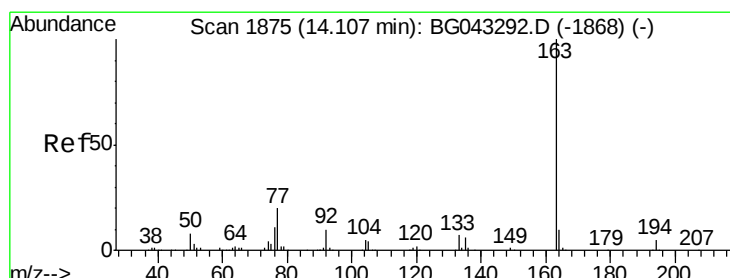
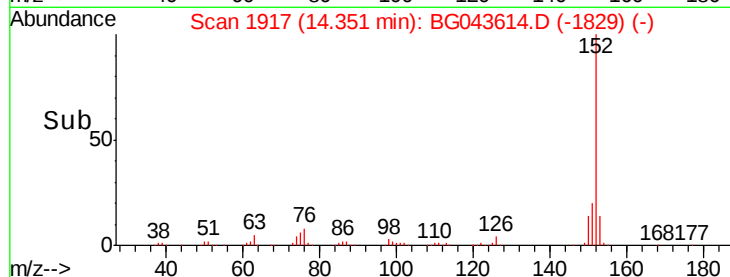
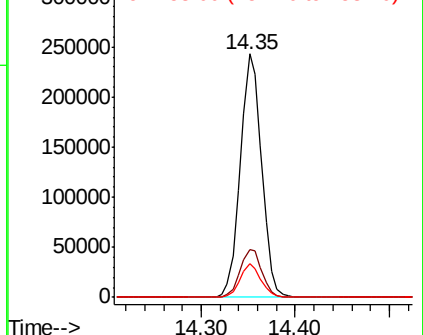
152 100

151 19.5 16.2 24.4

153 14.0 10.6 15.8



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: 39.781 ng

RT: 14.09 min Scan# 1872

Delta R.T. -0.01 min

Lab File: BG043614.D

Acq: 13 Nov 2019 16:05

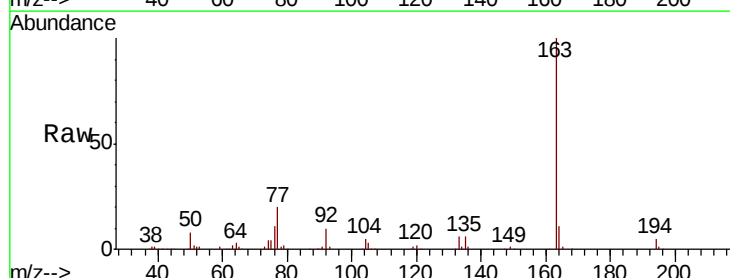
Tgt Ion:163 Resp: 315376

Ion Ratio Lower Upper

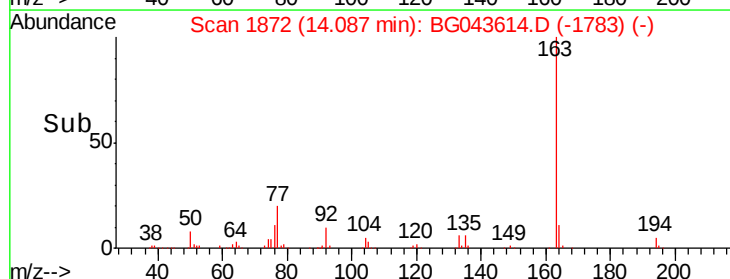
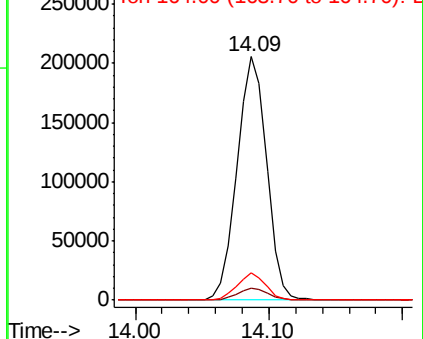
163 100

194 4.7 3.8 5.6

164 11.1 8.9 13.3



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

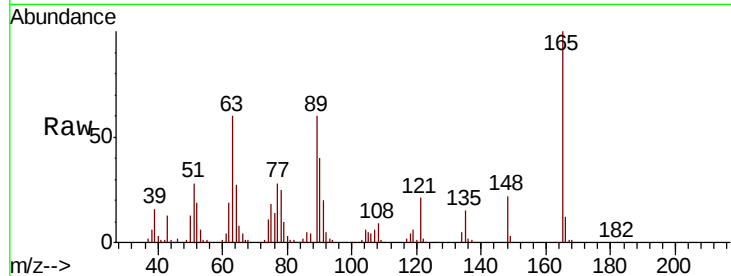




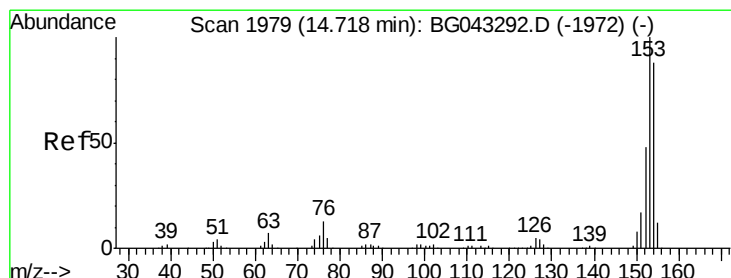
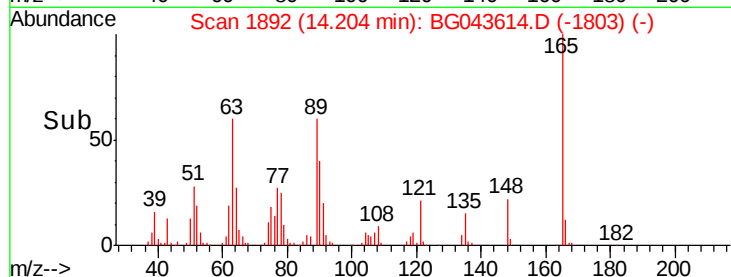
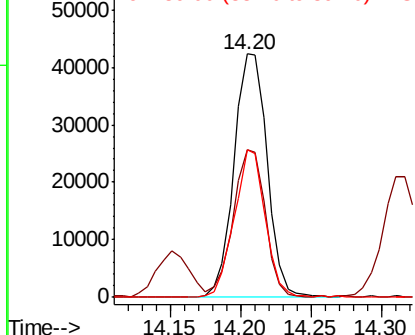
#51  
 2,6-Dinitrotoluene  
 Concen: 40.173 ng  
 RT: 14.20 min Scan# 1892  
 Delta R.T. -0.01 min  
 Lab File: BG043614.D  
 Acq: 13 Nov 2019 16:05

Instrument :  
 BNA\_G  
 ClientSampleId :

Tot Ion:165 Resp: 69190  
 Ion Ratio Lower Upper  
 165 100  
 63 60.4 46.6 69.8  
 89 60.5 45.1 67.7

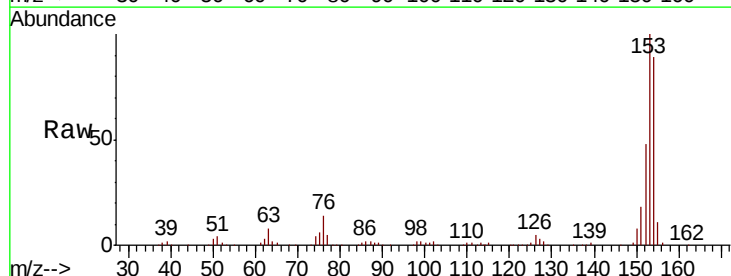


Abundance Ion 165.00 (164.70 to 165.70): E  
 Ion 63.00 (62.70 to 63.70): BGC  
 Ion 89.00 (88.70 to 89.70): BGC

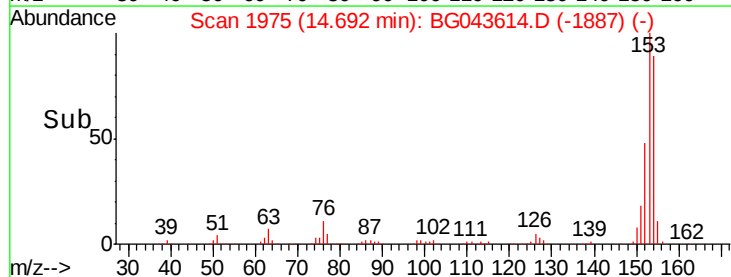
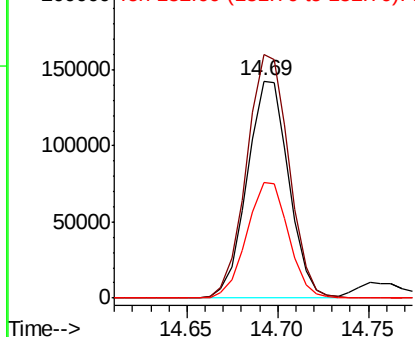


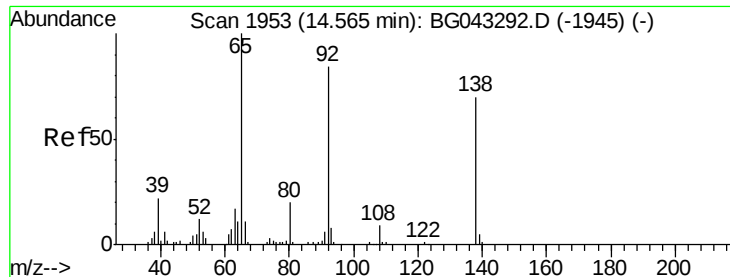
#52  
 Acenaphthene  
 Concen: 40.758 ng  
 RT: 14.69 min Scan# 1975  
 Delta R.T. -0.01 min  
 Lab File: BG043614.D  
 Acq: 13 Nov 2019 16:05

Tgt Ion:154 Resp: 229181  
 Ion Ratio Lower Upper  
 154 100  
 153 112.2 88.2 132.2  
 152 53.5 40.0 60.0



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

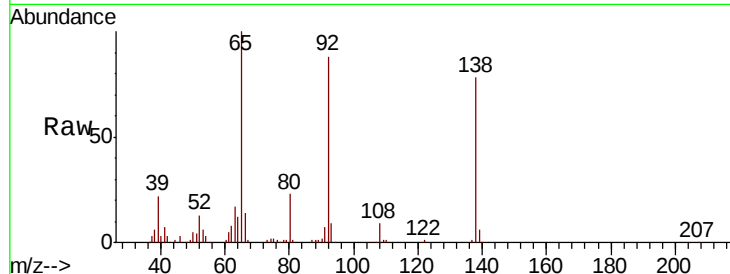




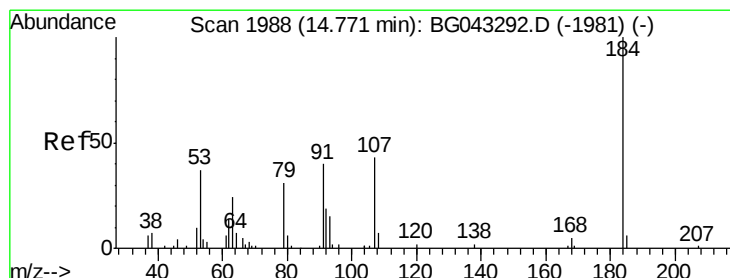
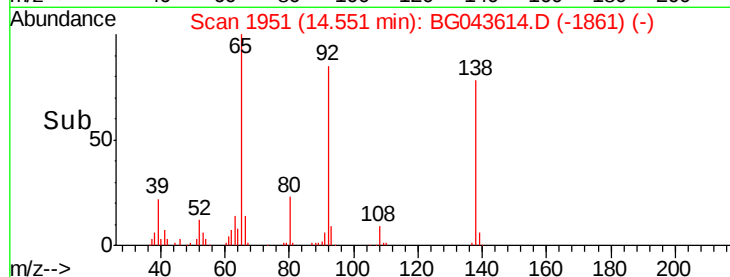
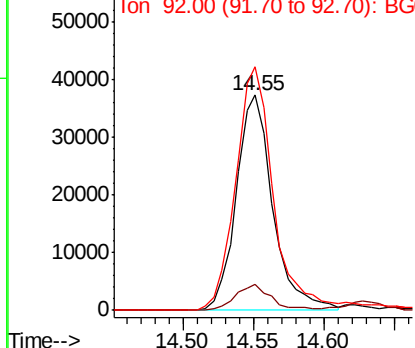
#53  
3-Nitroaniline  
Concen: 40.583 ng  
RT: 14.55 min Scan# 1951  
Delta R.T. -0.00 min  
Lab File: BG043614.D  
Acq: 13 Nov 2019 16:05

Instrument :  
BNA\_G  
ClientSampled :

Tot Ion:138 Resp: 67483  
Ion Ratio Lower Upper  
138 100  
108 12.1 8.0 12.0#  
92 113.1 90.9 136.3

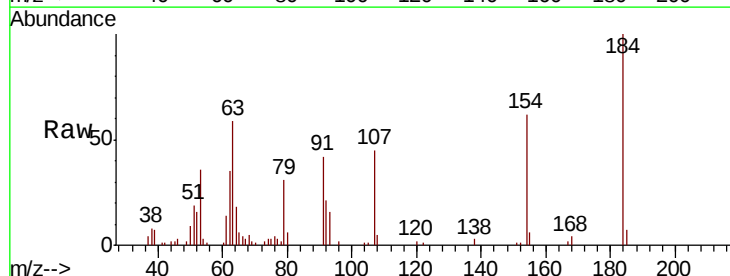


Abundance Ion 138.00 (137.70 to 138.70): E  
Ion 108.00 (107.70 to 108.70): E  
Ion 92.00 (91.70 to 92.70): BGC

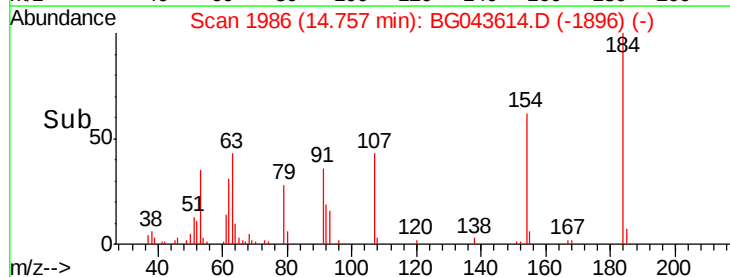
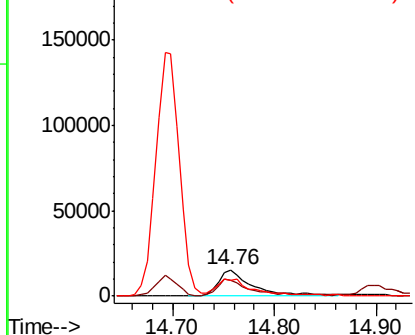


#54  
2,4-Dinitrophenol  
Concen: 37.135 ng  
RT: 14.76 min Scan# 1986  
Delta R.T. -0.00 min  
Lab File: BG043614.D  
Acq: 13 Nov 2019 16:05

Tgt Ion:184 Resp: 35321  
Ion Ratio Lower Upper  
184 100  
63 58.7 51.3 76.9  
154 62.1 55.4 83.0



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

Dibenzenofuran

Concen: 40.110 ng

RT: 15.03 min Scan# 2032

Delta R.T. -0.01 min

Lab File: BG043614.D

Acq: 13 Nov 2019 16:05

Instrument :

BNA\_G

ClientSampleId :

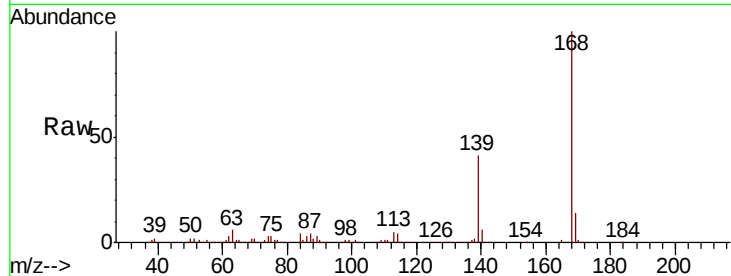
Tot Ion:168 Resp: 365742

Ion Ratio Lower Upper

168 100

139 40.9 31.0 46.6

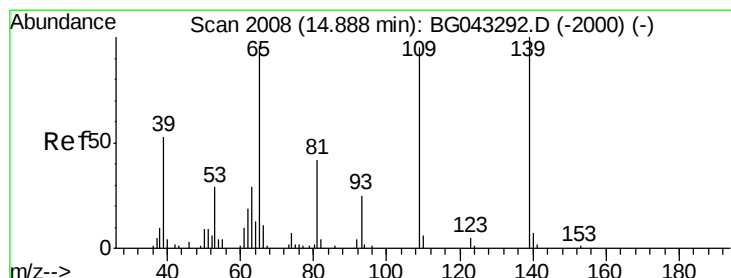
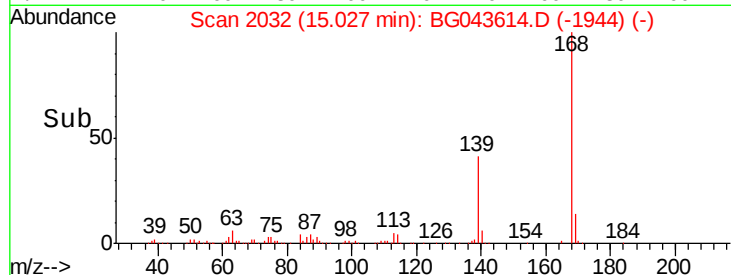
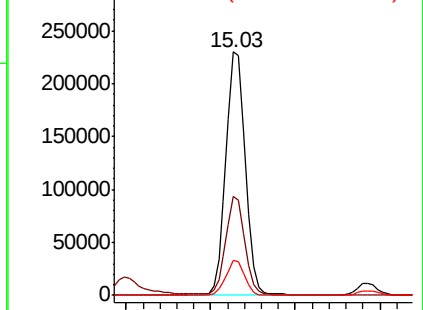
169 14.2 11.7 17.5



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 35.824 ng

RT: 14.90 min Scan# 2010

Delta R.T. 0.02 min

Lab File: BG043614.D

Acq: 13 Nov 2019 16:05

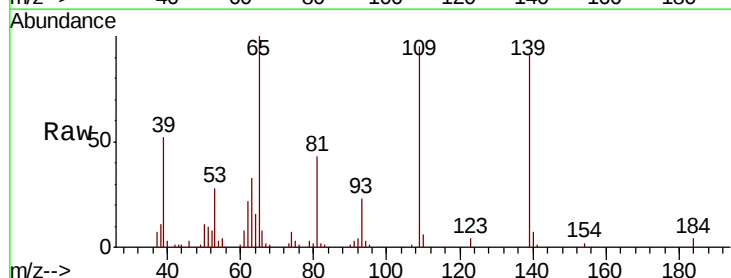
Tgt Ion:139 Resp: 39919

Ion Ratio Lower Upper

139 100

109 104.5 87.2 127.2

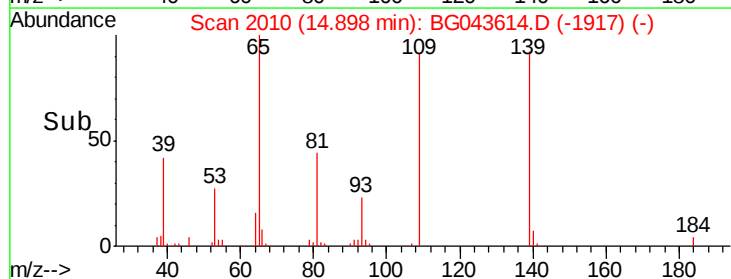
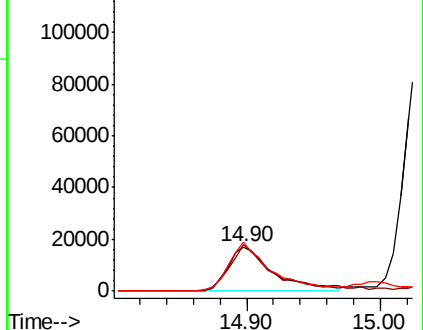
65 110.4 83.8 123.8

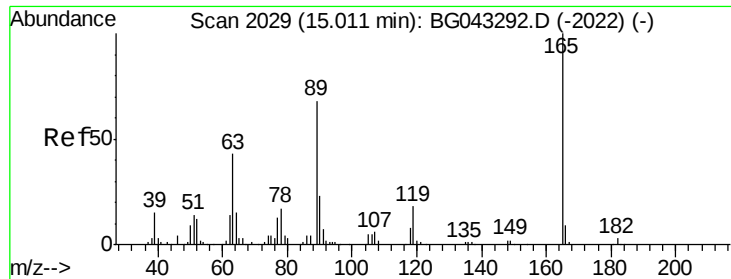


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

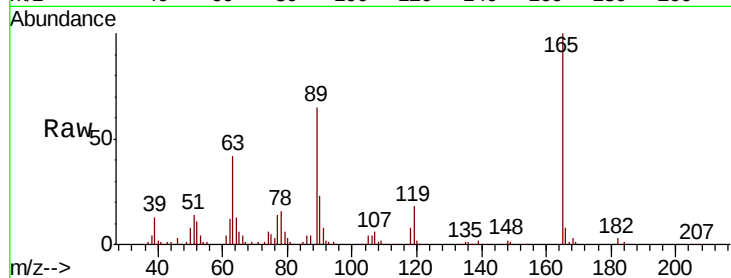




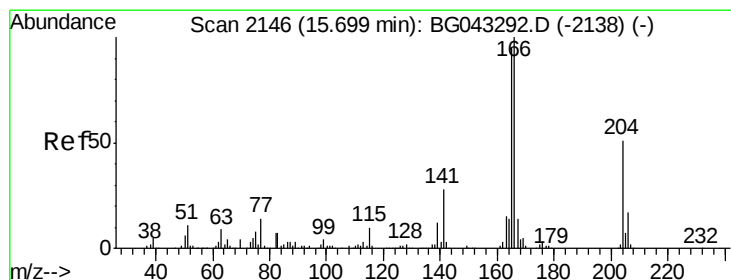
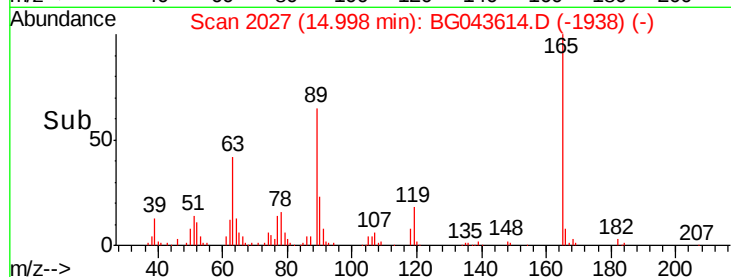
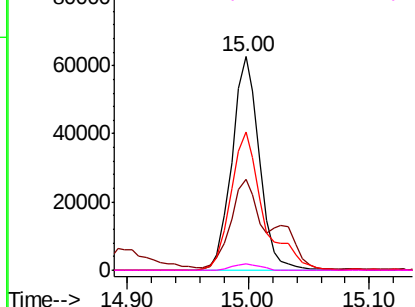
#57  
2,4-Dinitrotoluene  
Concen: 40.345 ng  
RT: 15.00 min Scan# 2027  
Delta R.T. -0.01 min  
Lab File: BG043614.D  
Acq: 13 Nov 2019 16:05

Instrument :  
BNA\_G  
ClientSampleId :

Tot Ion:165 Resp: 99303  
Ion Ratio Lower Upper  
165 100  
63 42.4 33.2 49.8  
89 65.0 52.2 78.4  
182 2.8 2.0 3.0

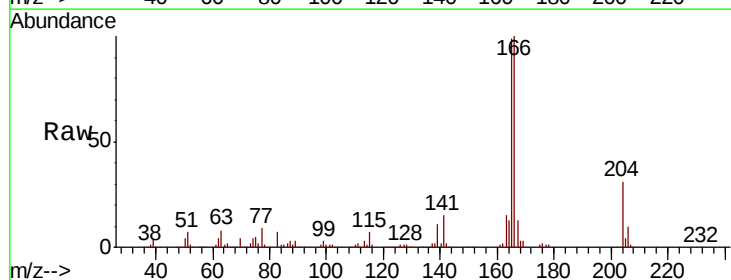


Abundance Ion 165.00 (164.70 to 165.70): E  
Ion 63.00 (62.70 to 63.70): BG  
Ion 89.00 (88.70 to 89.70): BG  
Ion 182.00 (181.70 to 182.70): E

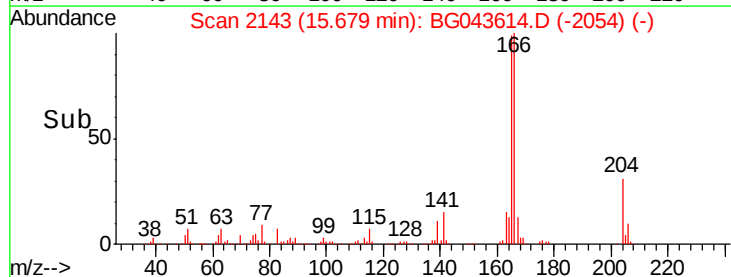
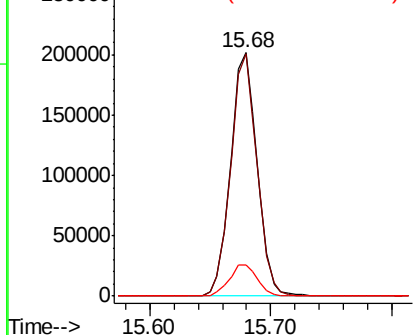


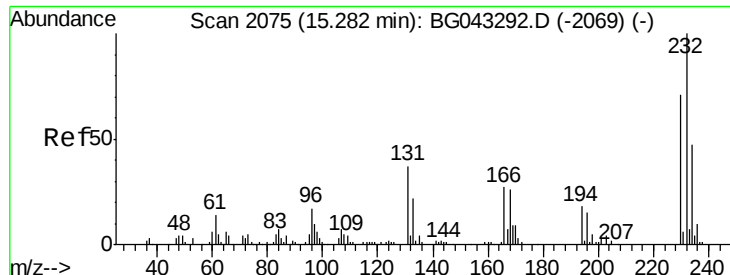
#58  
Fluorene  
Concen: 40.435 ng  
RT: 15.68 min Scan# 2143  
Delta R.T. -0.01 min  
Lab File: BG043614.D  
Acq: 13 Nov 2019 16:05

Tgt Ion:166 Resp: 309243  
Ion Ratio Lower Upper  
166 100  
165 99.5 79.0 118.6  
167 12.9 10.5 15.7



Abundance Ion 166.00 (165.70 to 166.70): E  
Ion 165.00 (164.70 to 165.70): E  
Ion 167.00 (166.70 to 167.70): E

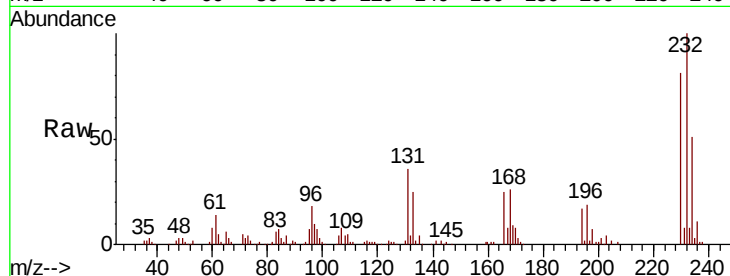




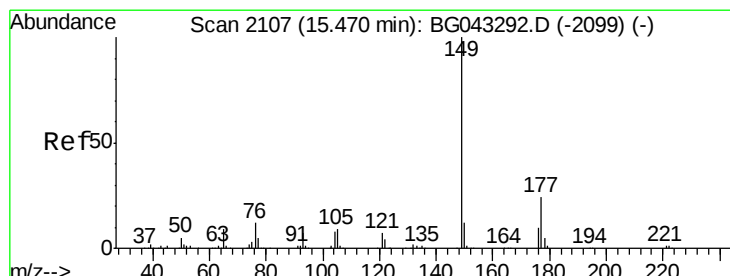
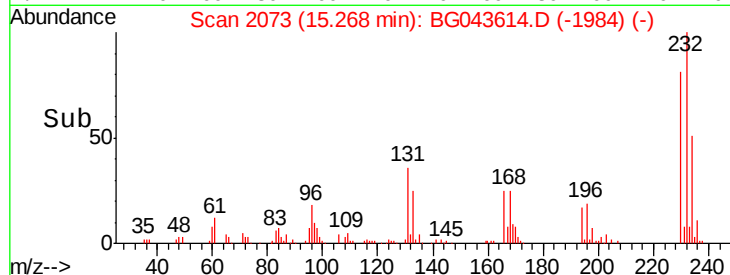
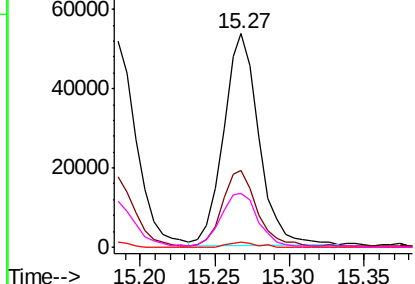
#59  
 2,3,4,6-Tetrachlorophenol  
 Concen: 37.223 ng  
 RT: 15.27 min Scan# 2073  
 Delta R.T. -0.01 min  
 Lab File: BG043614.D  
 Acq: 13 Nov 2019 16:05

Instrument :  
 BNA\_G  
 ClientSampleId :

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 232   | Resp: | 89189 |
| Ion      | Ratio | Lower | Upper |
| 232      | 100   |       |       |
| 131      | 35.7  | 26.9  | 40.3  |
| 130      | 2.1   | 1.8   | 2.6   |
| 166      | 25.9  | 20.9  | 31.3  |

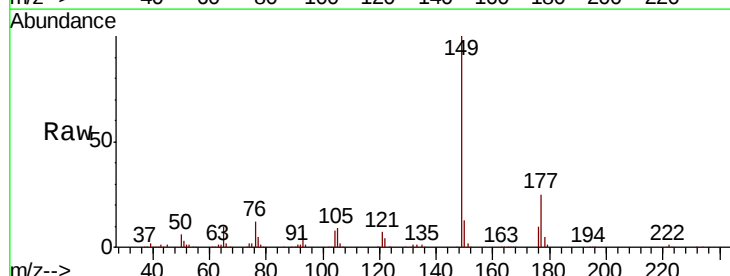


Abundance Ion 232.00 (231.70 to 232.70): E  
 Ion 131.00 (130.70 to 131.70): E  
 Ion 130.00 (129.70 to 130.70): E  
 Ion 166.00 (165.70 to 166.70): E

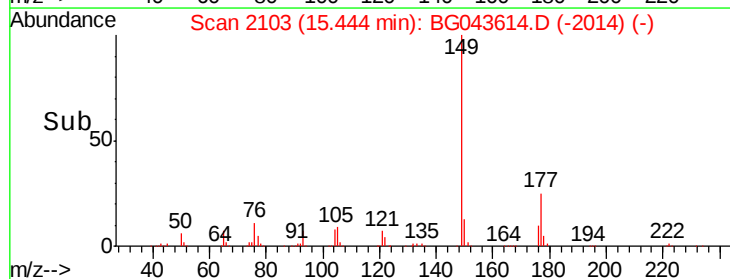
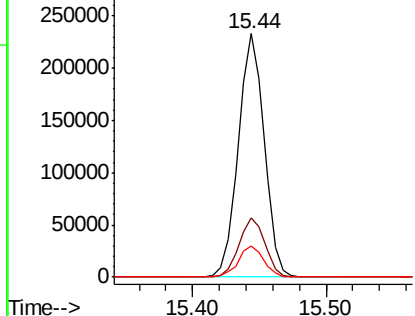


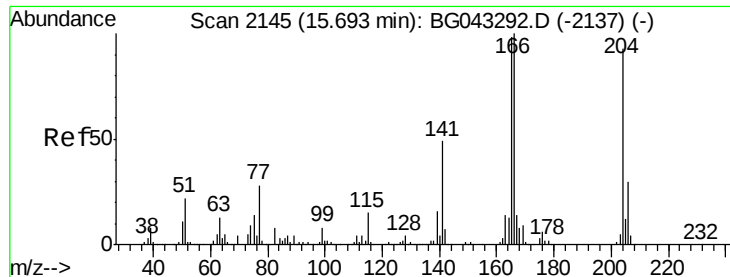
#60  
 Diethylphthalate  
 Concen: 39.317 ng  
 RT: 15.44 min Scan# 2103  
 Delta R.T. -0.01 min  
 Lab File: BG043614.D  
 Acq: 13 Nov 2019 16:05

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 149   | Resp: | 313192 |
| Ion      | Ratio | Lower | Upper  |
| 149      | 100   |       |        |
| 177      | 24.6  | 19.6  | 29.4   |
| 150      | 12.7  | 10.8  | 16.2   |



Abundance Ion 149.00 (148.70 to 149.70): E  
 Ion 177.00 (176.70 to 177.70): E  
 Ion 150.00 (149.70 to 150.70): E

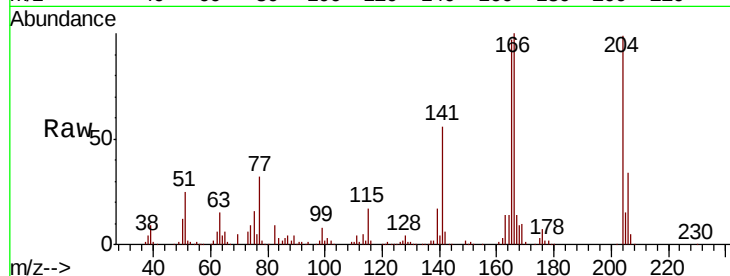




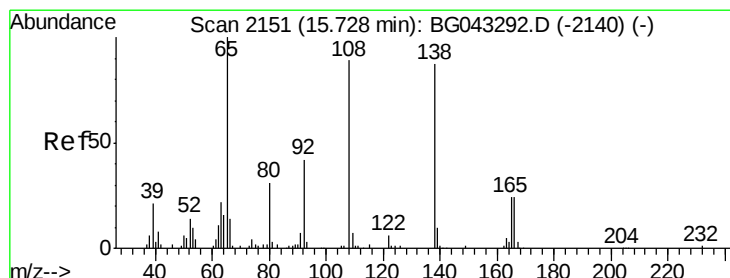
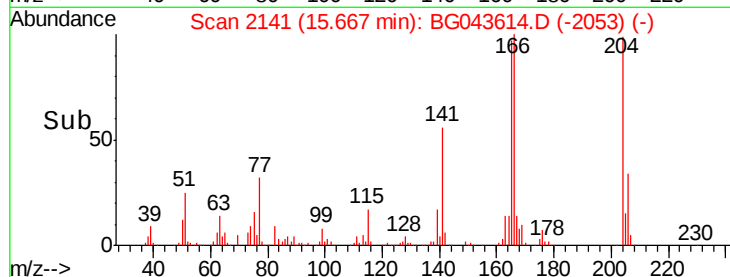
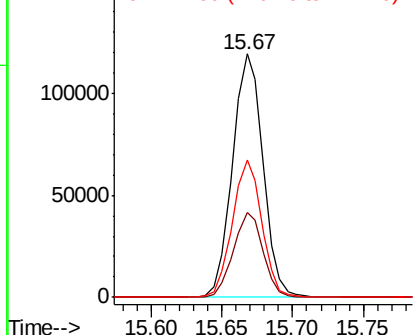
#61  
4-Chlorophenyl-phenylether  
Concen: 40.289 ng  
RT: 15.67 min Scan# 2141  
Delta R.T. -0.01 min  
Lab File: BG043614.D  
Acq: 13 Nov 2019 16:05

Instrument :  
BNA\_G  
ClientSampleId :

Tot Ion:204 Resp: 179751  
Ion Ratio Lower Upper  
204 100  
206 34.6 28.4 42.6  
141 56.3 43.0 64.6

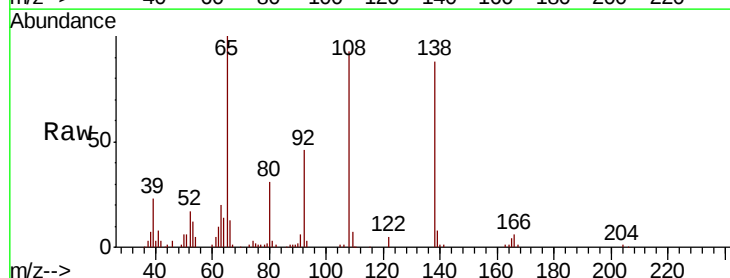


Abundance Ion 204.00 (203.70 to 204.70): E  
Ion 206.00 (205.70 to 206.70): E  
Ion 141.00 (140.70 to 141.70): E

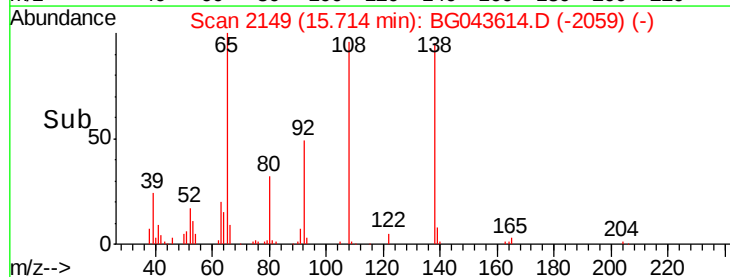
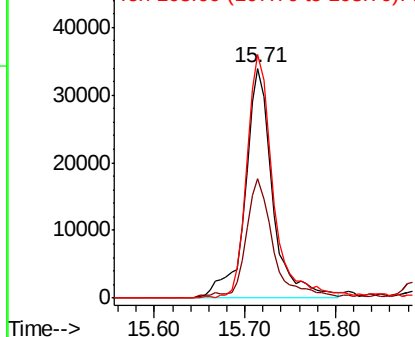


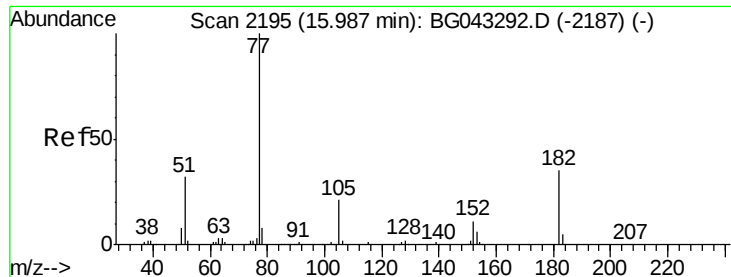
#62  
4-Nitroaniline  
Concen: 41.509 ng  
RT: 15.71 min Scan# 2149  
Delta R.T. -0.00 min  
Lab File: BG043614.D  
Acq: 13 Nov 2019 16:05

Tgt Ion:138 Resp: 71283  
Ion Ratio Lower Upper  
138 100  
92 52.0 33.4 73.4  
108 106.0 78.0 118.0



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: 40.000 ng

RT: 15.96 min Scan# 2191

Delta R.T. -0.01 min

Lab File: BG043614.D

Acq: 13 Nov 2019 16:05

Instrument :

BNA\_G

ClientSampleId :

Tot Ion: 77 Resp: 257871

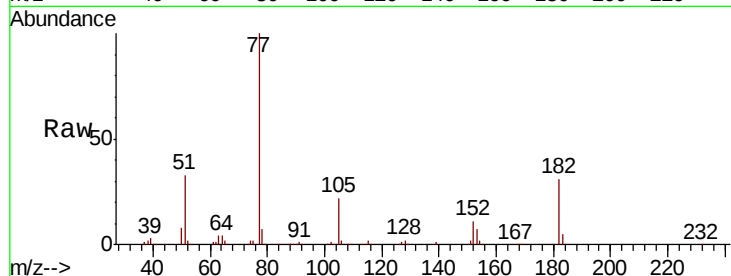
Ion Ratio Lower Upper

77 100

182 31.5 13.7 53.7

105 21.7 0.4 40.4

51 32.8 11.0 51.0

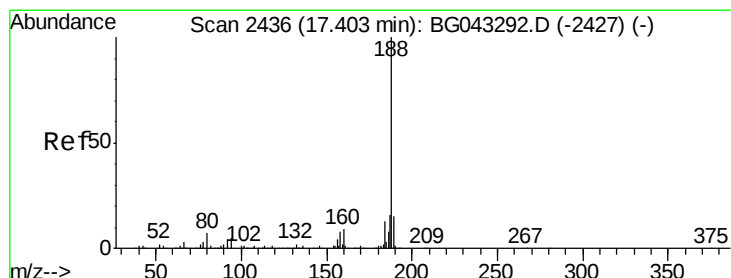
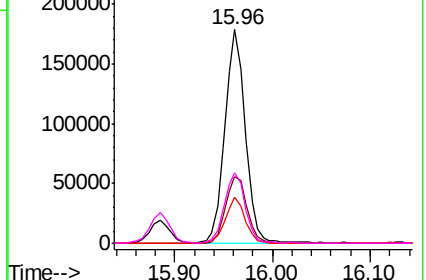
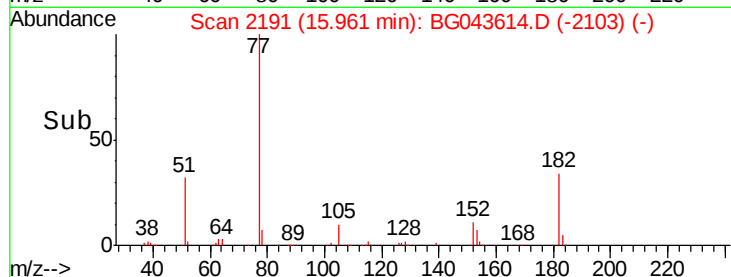


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.38 min Scan# 2432

Delta R.T. -0.01 min

Lab File: BG043614.D

Acq: 13 Nov 2019 16:05

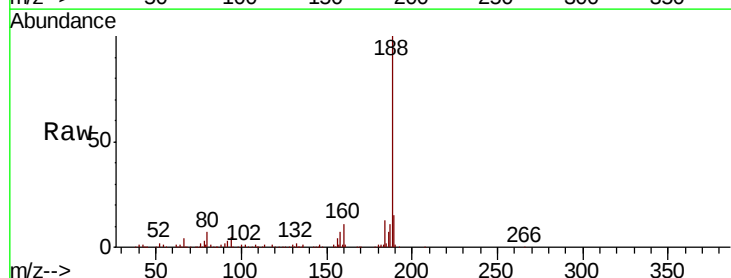
Tgt Ion: 188 Resp: 241188

Ion Ratio Lower Upper

188 100

94 5.4 4.2 6.4

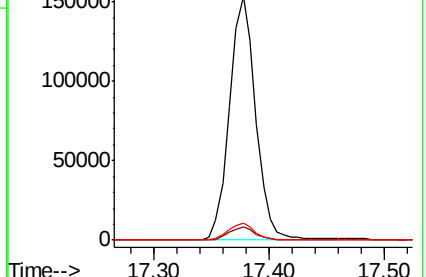
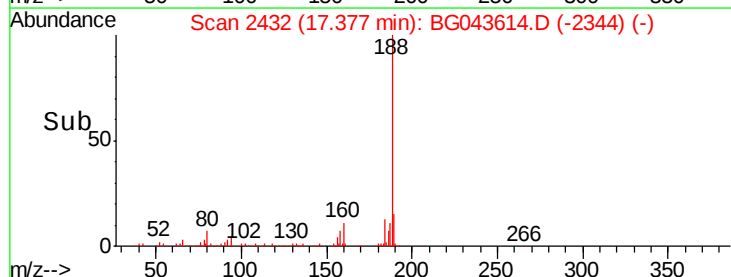
80 7.2 4.5 6.7#

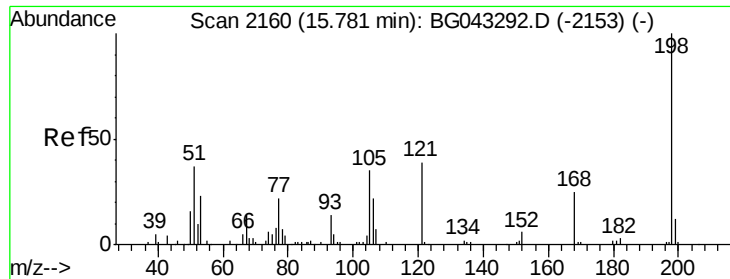


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

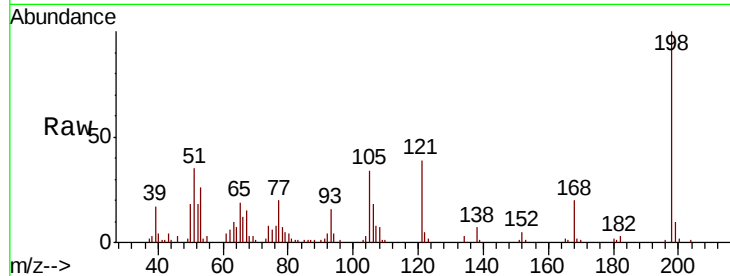




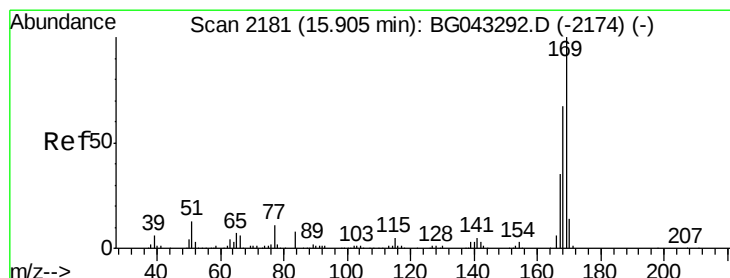
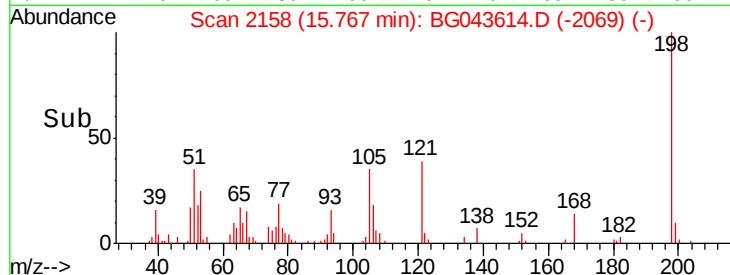
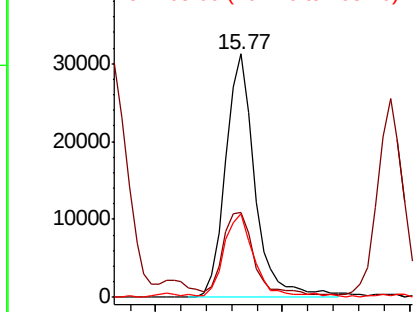
#65  
 4,6-Dinitro-2-methylphenol  
 Concen: 35.289 ng  
 RT: 15.77 min Scan# 2158  
 Delta R.T. -0.01 min  
 Lab File: BG043614.D  
 Acq: 13 Nov 2019 16:05

Instrument :  
 BNA\_G  
 ClientSampleId :

Tot Ion:198 Resp: 50089  
 Ion Ratio Lower Upper  
 198 100  
 51 35.1 13.2 53.2  
 105 34.4 15.8 55.8

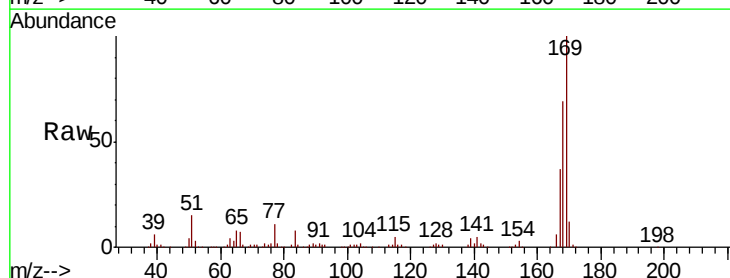


Abundance Ion 198.00 (197.70 to 198.70): E  
 Ion 51.00 (50.70 to 51.70): BG  
 Ion 105.00 (104.70 to 105.70): E

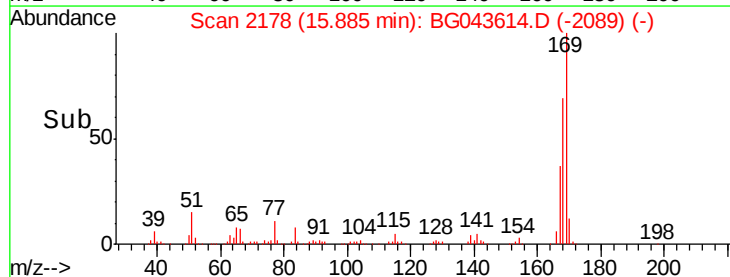
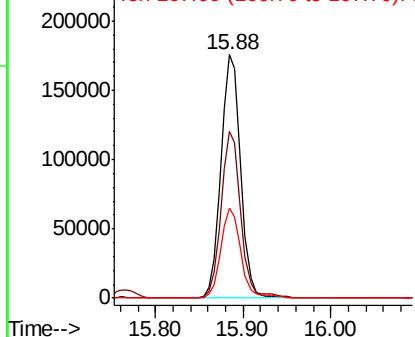


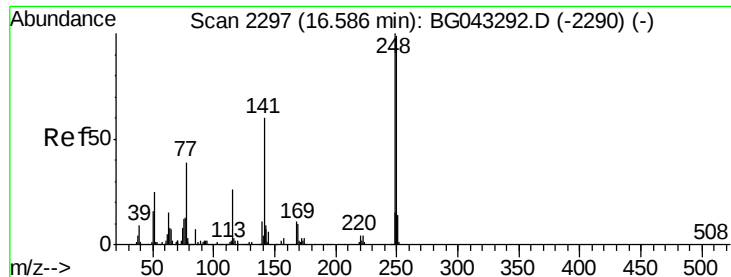
#66  
 n-Nitrosodiphenylamine  
 Concen: 40.095 ng  
 RT: 15.88 min Scan# 2178  
 Delta R.T. -0.01 min  
 Lab File: BG043614.D  
 Acq: 13 Nov 2019 16:05

Tgt Ion:169 Resp: 273020  
 Ion Ratio Lower Upper  
 169 100  
 168 68.5 53.8 80.6  
 167 36.9 27.5 41.3



Abundance Ion 169.00 (168.70 to 169.70): E  
 Ion 168.00 (167.70 to 168.70): E  
 Ion 167.00 (166.70 to 167.70): E

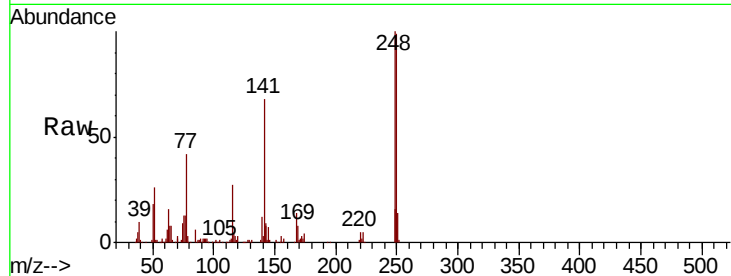




#67  
4-Bromophenyl-phenylether  
Concen: 38.427 ng  
RT: 16.56 min Scan# 2293  
Delta R.T. -0.01 min  
Lab File: BG043614.D  
Acq: 13 Nov 2019 16:05

Instrument :  
BNA\_G  
ClientSampled :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 99.5  | 77.0  | 115.4 |
| 141     | 68.0  | 47.5  | 71.3  |

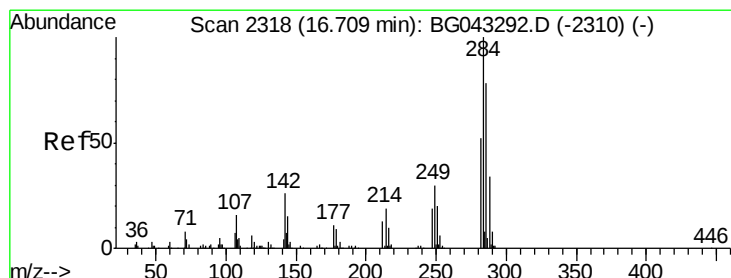
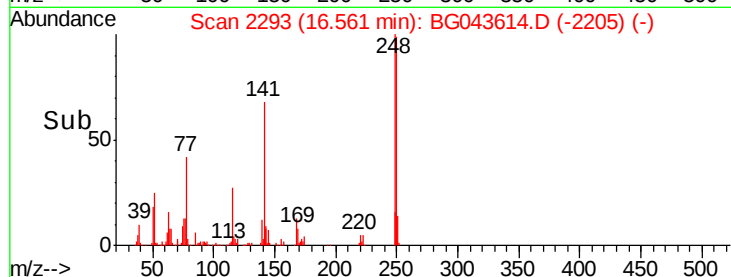
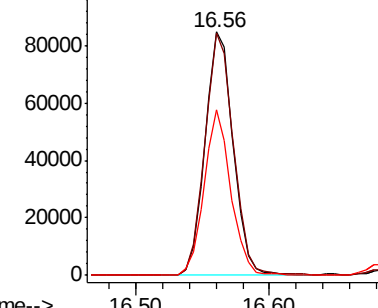


Abundance

Ion 248.00 (247.70 to 248.70): E

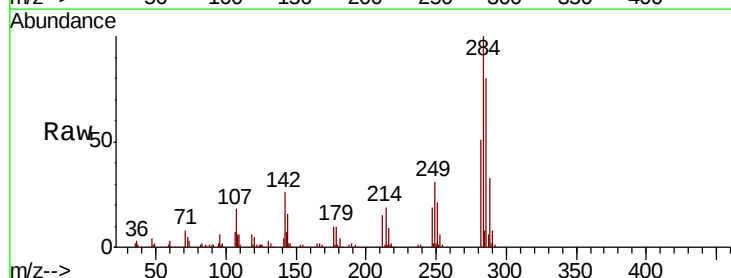
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68  
Hexachlorobenzene  
Concen: 38.691 ng  
RT: 16.68 min Scan# 2314  
Delta R.T. -0.01 min  
Lab File: BG043614.D  
Acq: 13 Nov 2019 16:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 26.3  | 19.8  | 29.8  |
| 249     | 31.0  | 23.8  | 35.6  |

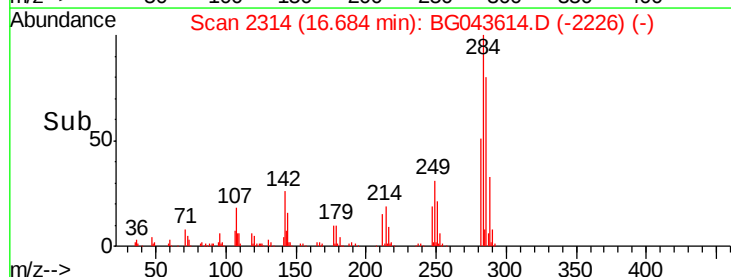
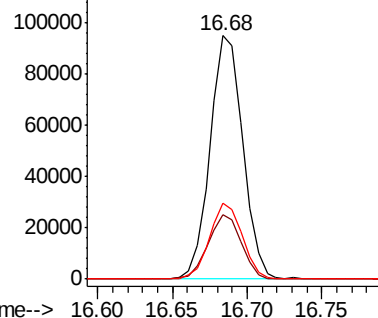


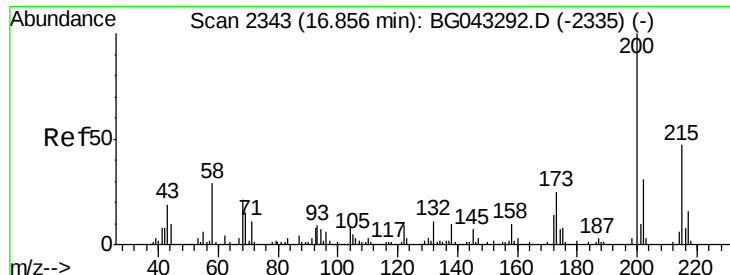
Abundance

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

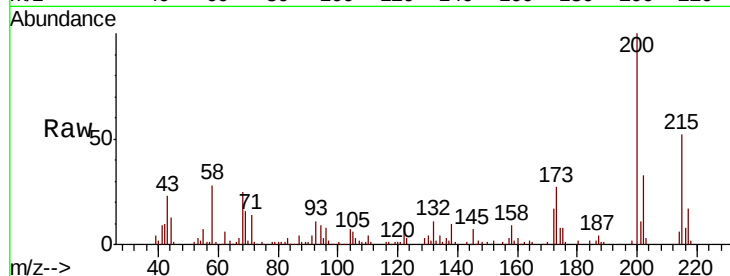




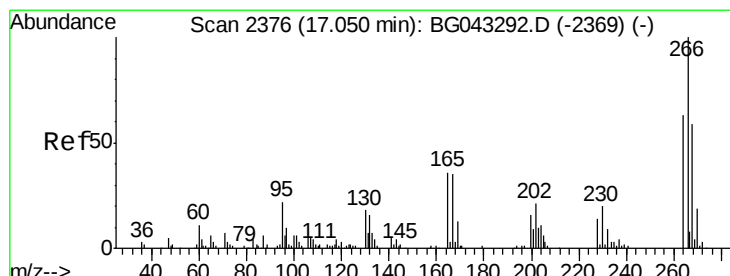
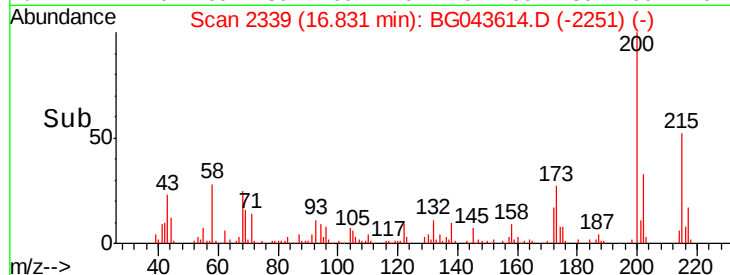
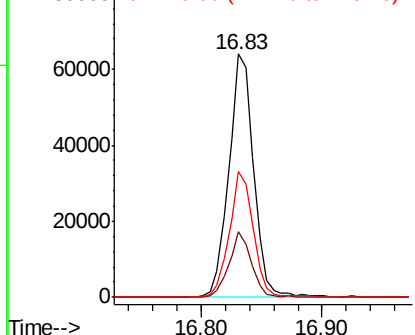
#69  
Atrazine  
Concen: 38.674 ng  
RT: 16.83 min Scan# 2339  
Delta R.T. -0.01 min  
Lab File: BG043614.D  
Acq: 13 Nov 2019 16:05

Instrument :  
BNA\_G  
ClientSampled :

Tot Ion:200 Resp: 91506  
Ion Ratio Lower Upper  
200 100  
173 26.9 4.7 44.7  
215 51.9 28.5 68.5

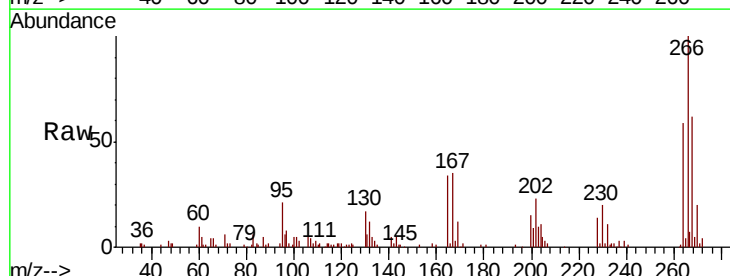


Abundance Ion 200.00 (199.70 to 200.70): E  
Ion 173.00 (172.70 to 173.70): E  
Ion 215.00 (214.70 to 215.70): E

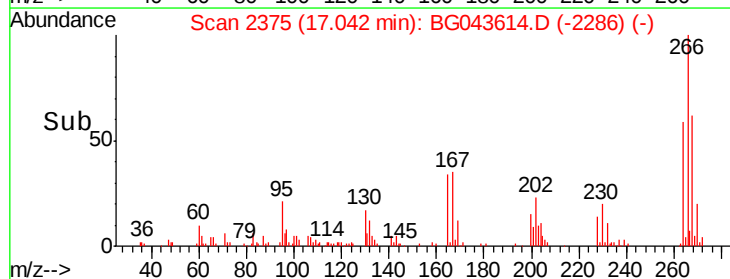
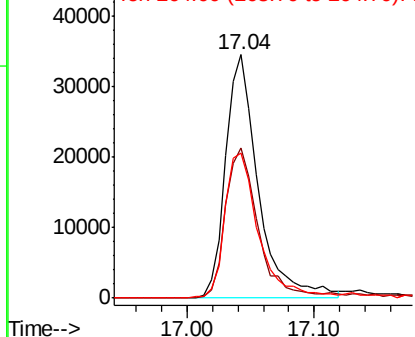


#70  
Pentachlorophenol  
Concen: 36.503 ng  
RT: 17.04 min Scan# 2375  
Delta R.T. -0.01 min  
Lab File: BG043614.D  
Acq: 13 Nov 2019 16:05

Tgt Ion:266 Resp: 61972  
Ion Ratio Lower Upper  
266 100  
268 61.6 50.4 75.6  
264 59.5 48.9 73.3



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: 39.279 ng

RT: 17.42 min Scan# 2439

Delta R.T. -0.01 min

Lab File: BG043614.D

Acq: 13 Nov 2019 16:05

Instrument :

BNA\_G

ClientSampleId :

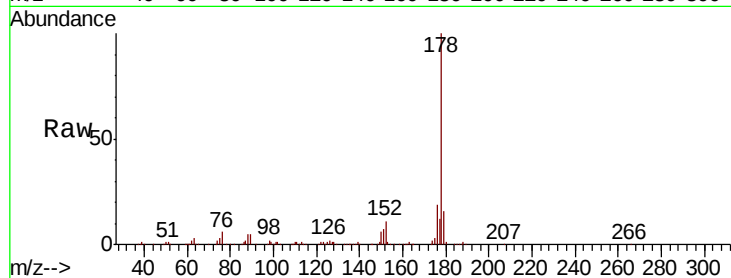
Tot Ion:178 Resp: 485120

Ion Ratio Lower Upper

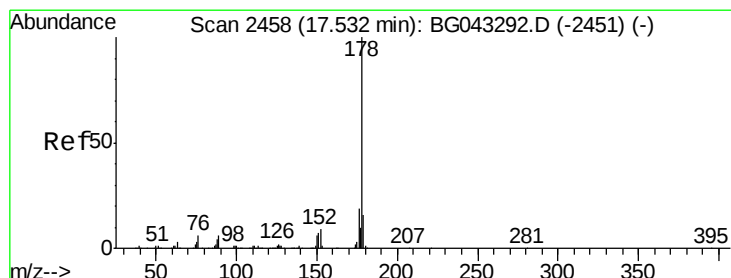
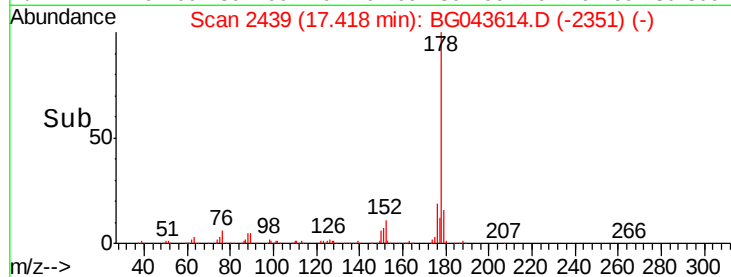
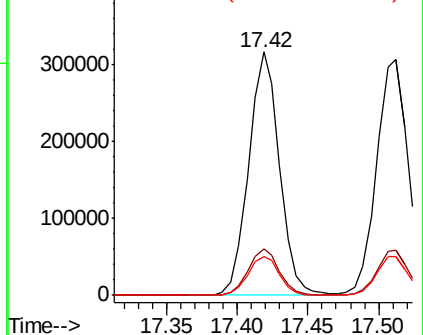
178 100

176 19.3 15.4 23.0

179 16.1 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



#72

Anthracene

Concen: 40.074 ng

RT: 17.51 min Scan# 2455

Delta R.T. -0.01 min

Lab File: BG043614.D

Acq: 13 Nov 2019 16:05

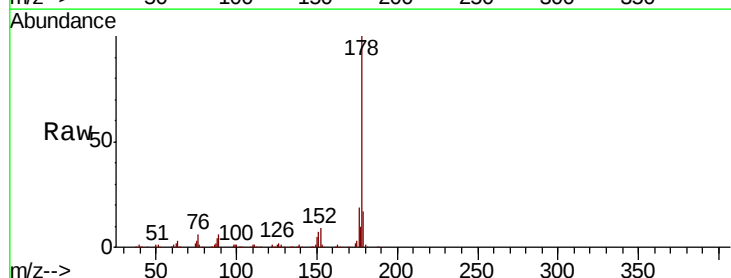
Tgt Ion:178 Resp: 495190

Ion Ratio Lower Upper

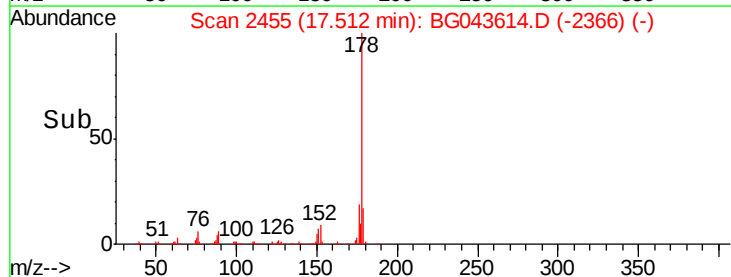
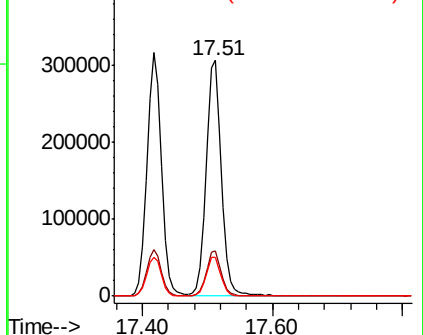
178 100

176 19.3 15.5 23.3

179 16.7 13.7 20.5



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

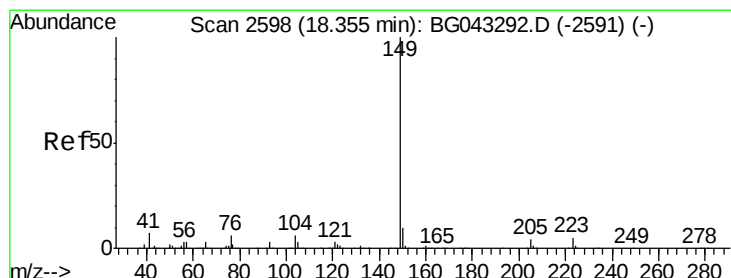
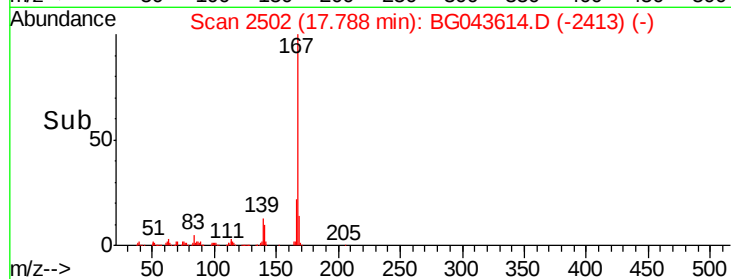
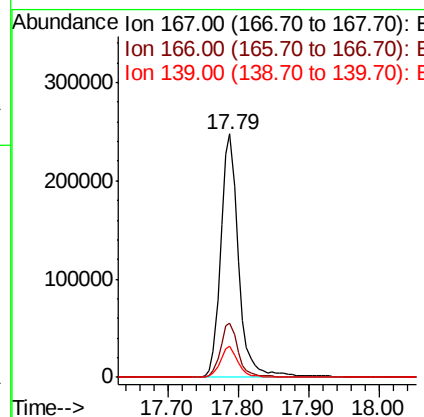
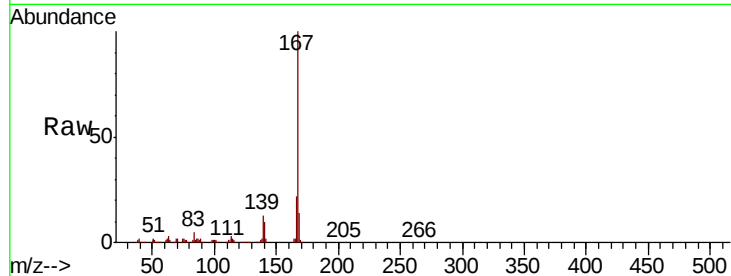




#73  
 Carbazole  
 Concen: 38.925 ng  
 RT: 17.79 min Scan# 2502  
 Delta R.T. -0.01 min  
 Lab File: BG043614.D  
 Acq: 13 Nov 2019 16:05

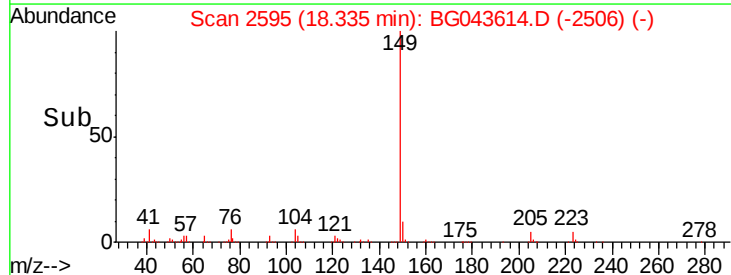
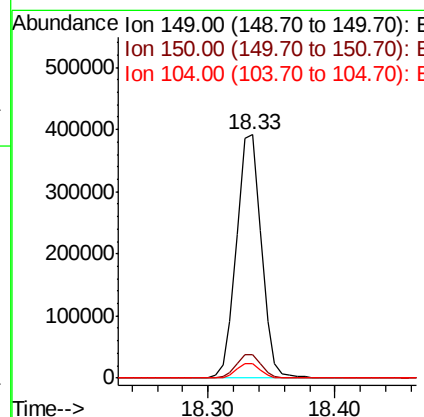
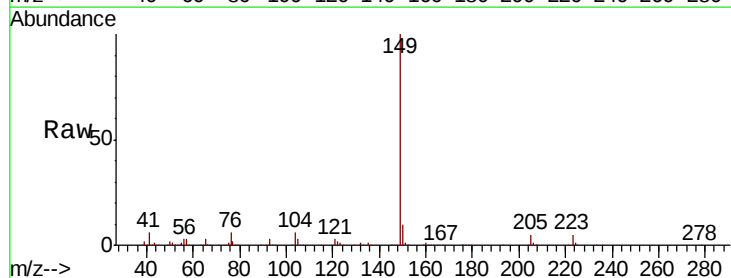
Instrument :  
 BNA\_G  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 22.1  | 18.7  | 28.1  |
| 139     | 12.6  | 10.0  | 15.0  |



#74  
 Di-n-butylphthalate  
 Concen: 38.905 ng  
 RT: 18.33 min Scan# 2595  
 Delta R.T. -0.01 min  
 Lab File: BG043614.D  
 Acq: 13 Nov 2019 16:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 150     | 9.5   | 8.0   | 12.0  |
| 104     | 5.9   | 4.4   | 6.6   |





#75

Fluoranthene

Concen: 38.631 ng

RT: 19.43 min Scan# 2781

Delta R.T. -0.01 min

Lab File: BG043614.D

Acq: 13 Nov 2019 16:05

Instrument :

BNA\_G

ClientSampleId :

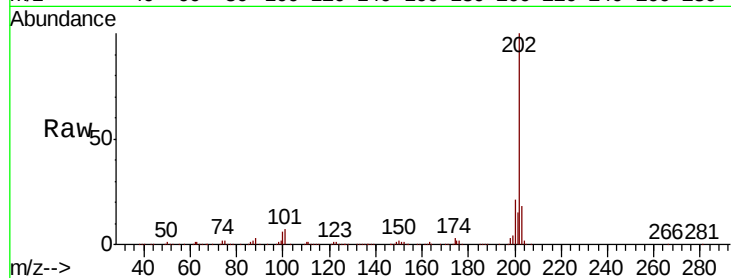
Tot Ion:202 Resp: 622014

Ion Ratio Lower Upper

202 100

101 6.6 0.0 26.3

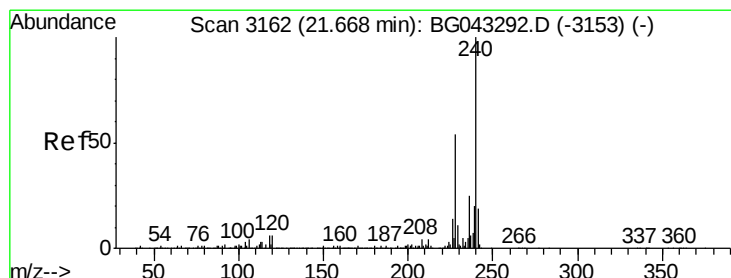
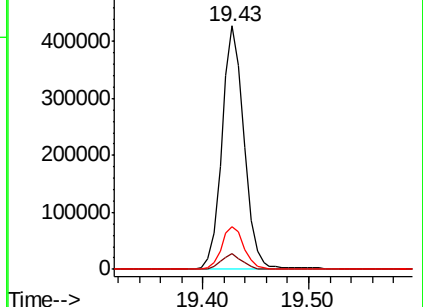
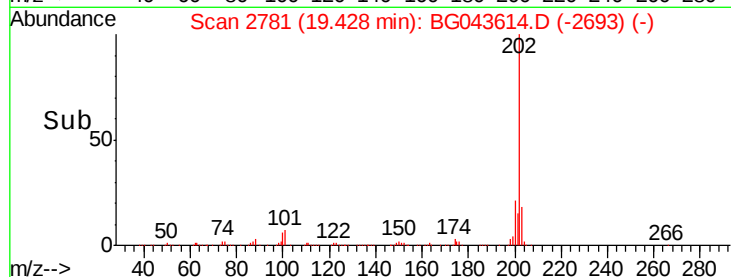
203 17.8 0.0 37.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.64 min Scan# 3158

Delta R.T. -0.01 min

Lab File: BG043614.D

Acq: 13 Nov 2019 16:05

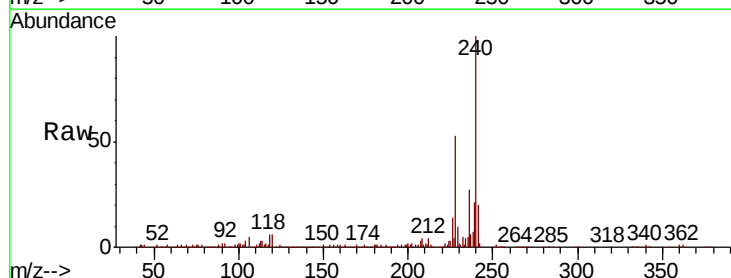
Tgt Ion:240 Resp: 257078

Ion Ratio Lower Upper

240 100

120 5.8 4.6 6.8

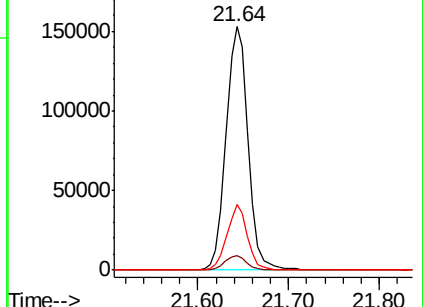
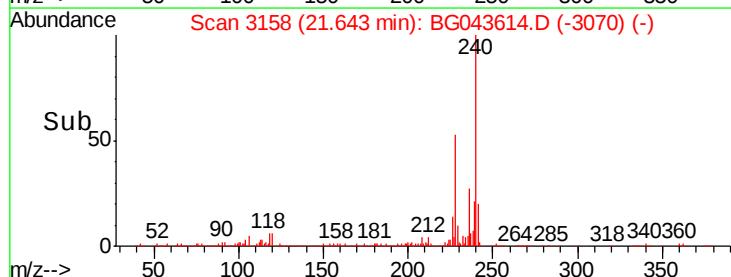
236 26.8 19.8 29.8



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 41.803 ng

RT: 19.62 min Scan# 2813

Delta R.T. -0.01 min

Lab File: BG043614.D

Acq: 13 Nov 2019 16:05

Instrument :

BNA\_G

ClientSampled :

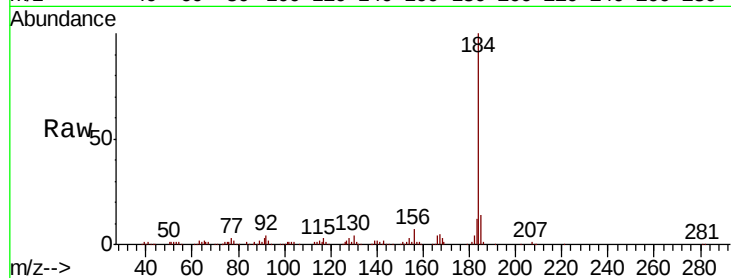
Tot Ion:184 Resp: 216277

Ion Ratio Lower Upper

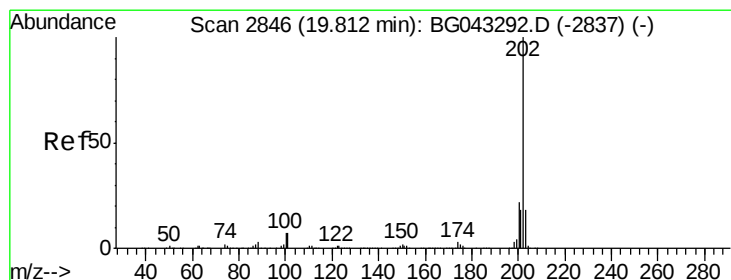
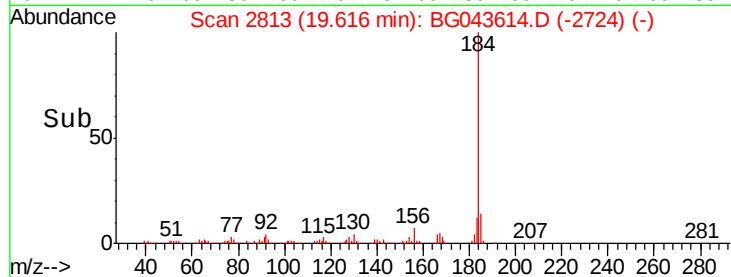
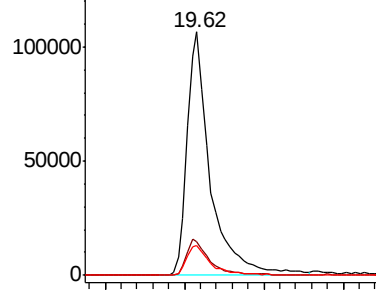
184 100

185 14.1 11.0 16.4

183 12.5 10.0 15.0



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: 39.483 ng

RT: 19.79 min Scan# 2843

Delta R.T. -0.01 min

Lab File: BG043614.D

Acq: 13 Nov 2019 16:05

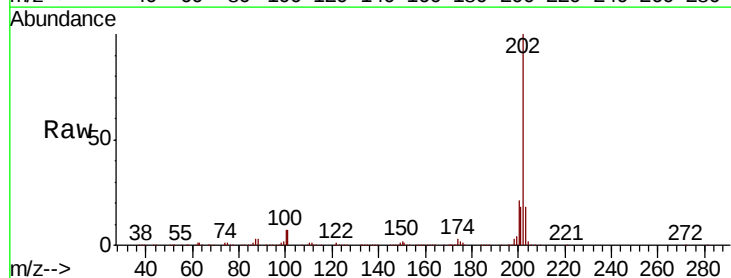
Tgt Ion:202 Resp: 628288

Ion Ratio Lower Upper

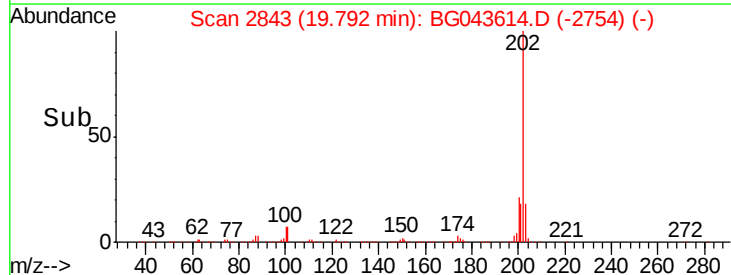
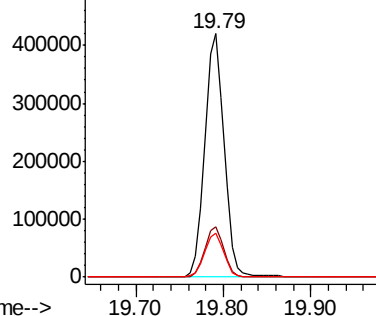
202 100

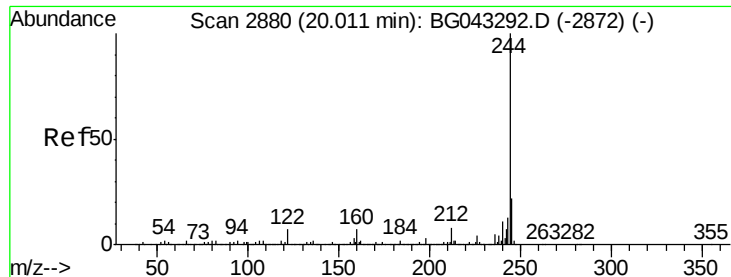
200 20.7 17.0 25.4

203 18.1 14.7 22.1



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: 79.888 ng

RT: 19.99 min Scan# 2876

Delta R.T. -0.01 min

Lab File: BG043614.D

Acq: 13 Nov 2019 16:05

Instrument :

BNA\_G

ClientSampled :

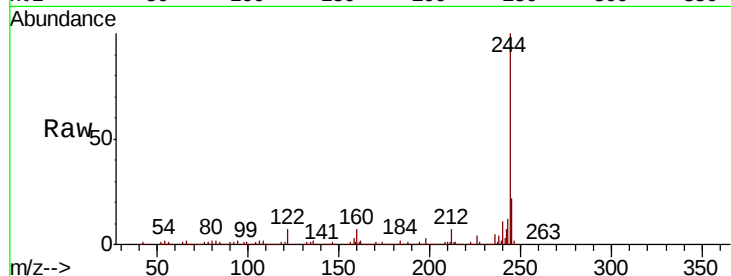
Tot Ion:244 Resp: 1094711

Ion Ratio Lower Upper

244 100

212 7.5 5.8 8.6

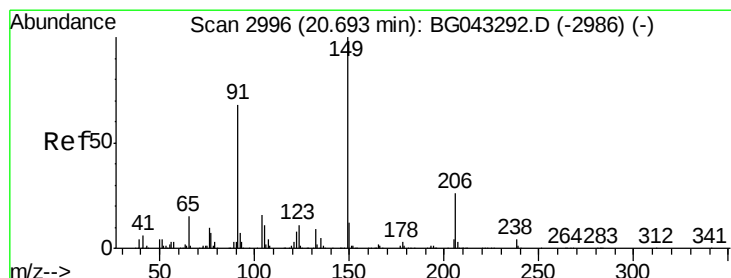
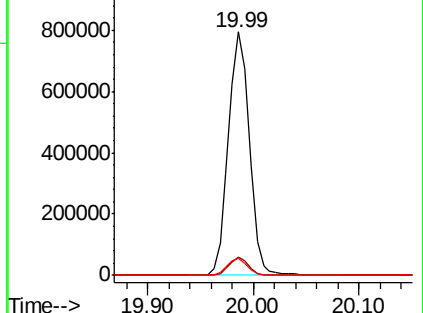
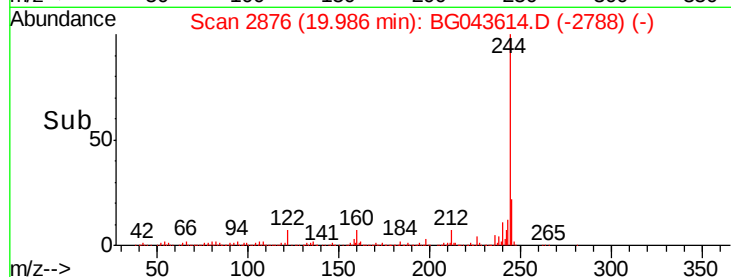
122 7.1 5.4 8.2



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 40.702 ng

RT: 20.67 min Scan# 2993

Delta R.T. -0.01 min

Lab File: BG043614.D

Acq: 13 Nov 2019 16:05

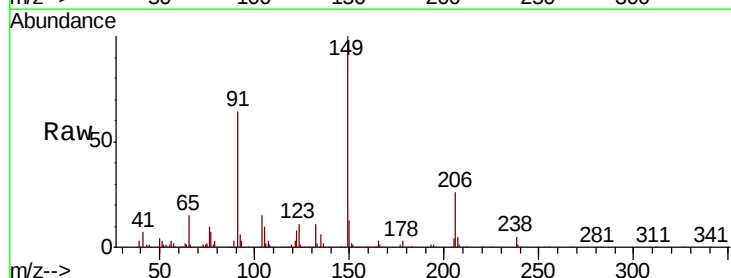
Tgt Ion:149 Resp: 245384

Ion Ratio Lower Upper

149 100

91 64.0 51.2 76.8

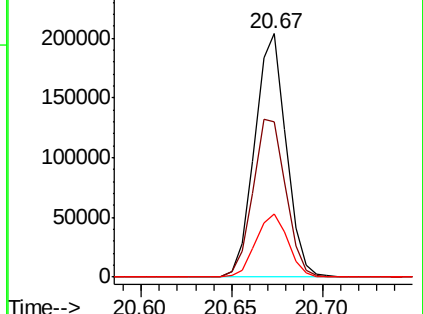
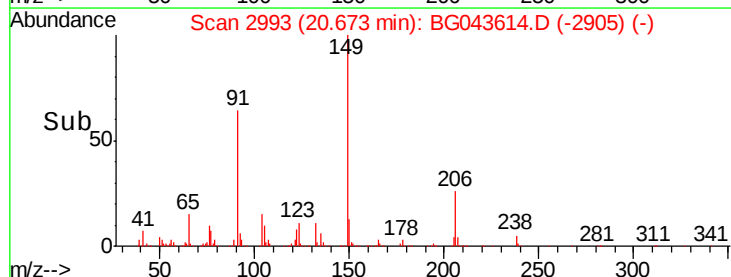
206 26.0 22.5 33.7

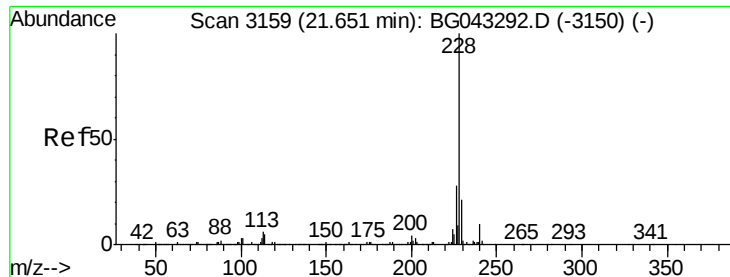


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 40.511 ng

RT: 21.63 min Scan# 3155

Delta R.T. -0.01 min

Lab File: BG043614.D

Acq: 13 Nov 2019 16:05

Instrument :

BNA\_G

ClientSampled :

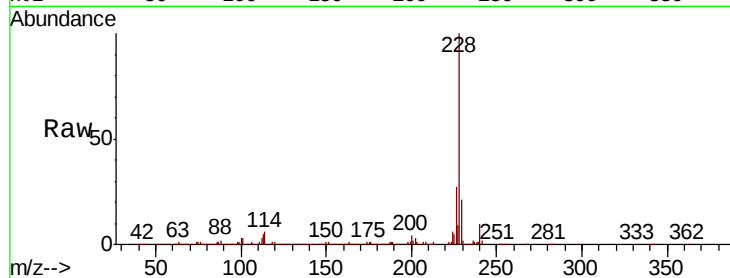
Tot Ion:228 Resp: 652355

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 27.3  | 22.2  | 33.2  |
| 229 | 20.5  | 17.0  | 25.4  |

228 100

226 27.3 22.2 33.2

229 20.5 17.0 25.4

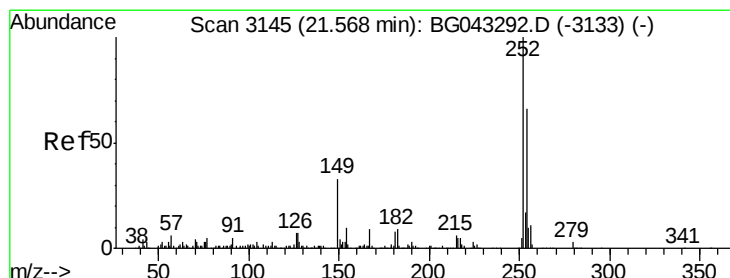
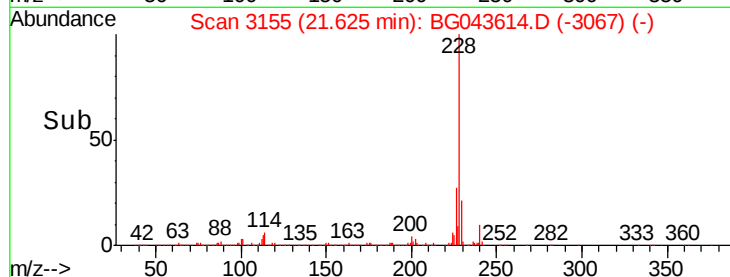
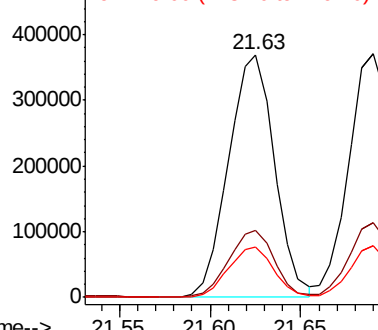


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 41.899 ng

RT: 21.54 min Scan# 3140

Delta R.T. -0.01 min

Lab File: BG043614.D

Acq: 13 Nov 2019 16:05

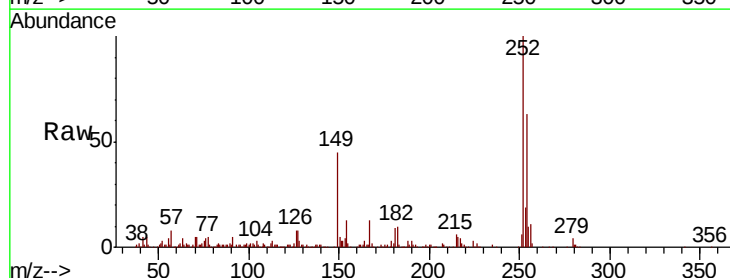
Tgt Ion:252 Resp: 260962

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 254 | 63.4  | 50.8  | 76.2  |
| 126 | 7.6   | 6.1   | 9.1   |

252 100

254 63.4 50.8 76.2

126 7.6 6.1 9.1

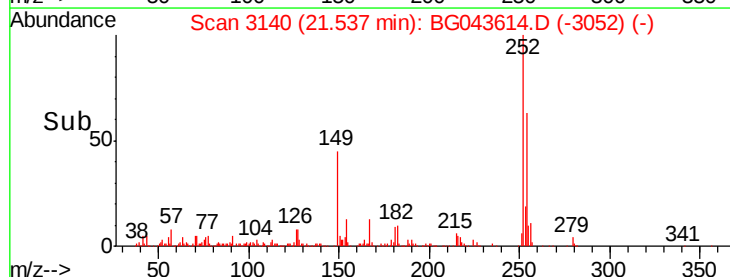
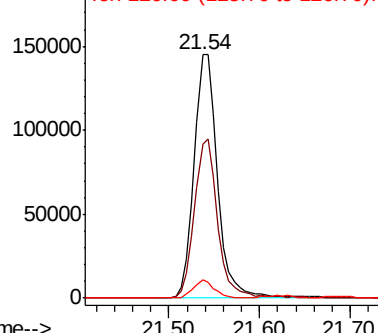


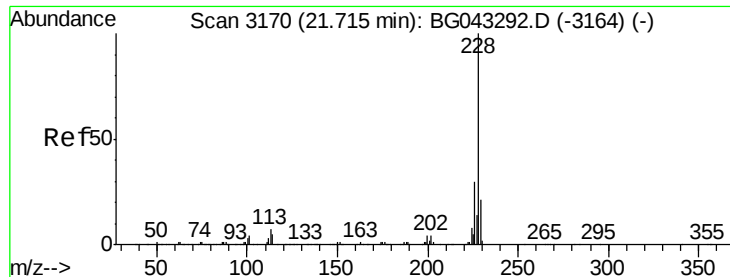
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

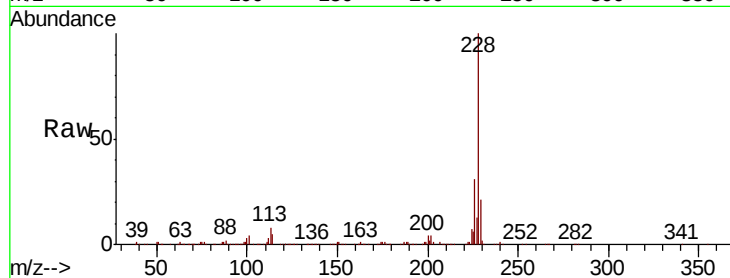




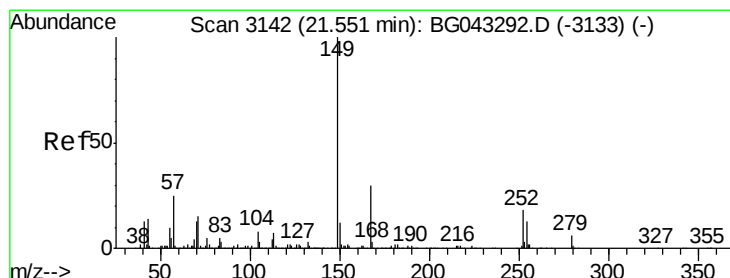
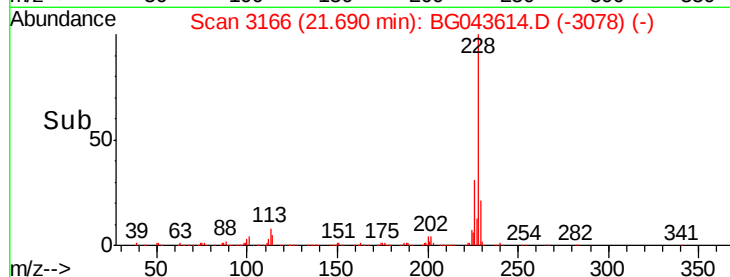
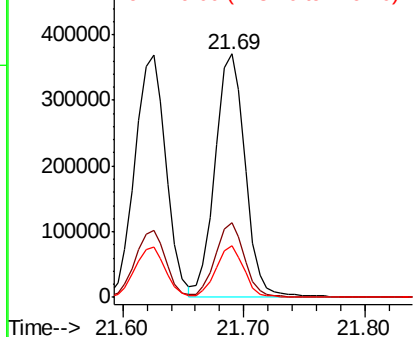
#83  
 Chrysene  
 Concen: 39.707 ng  
 RT: 21.69 min Scan# 3166  
 Delta R.T. -0.01 min  
 Lab File: BG043614.D  
 Acq: 13 Nov 2019 16:05

Instrument :  
 BNA\_G  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 30.8  | 25.1  | 37.7  |
| 229     | 20.9  | 17.0  | 25.4  |

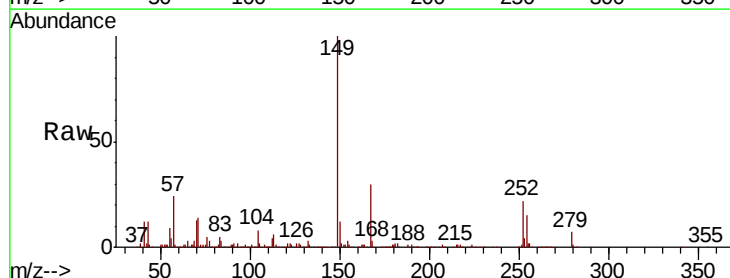


Abundance Ion 228.00 (227.70 to 228.70): E  
 Ion 226.00 (225.70 to 226.70): E  
 Ion 229.00 (228.70 to 229.70): E

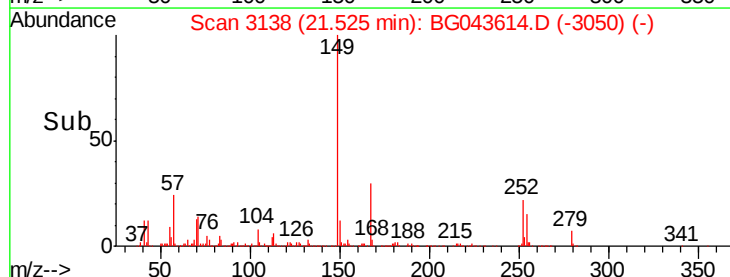
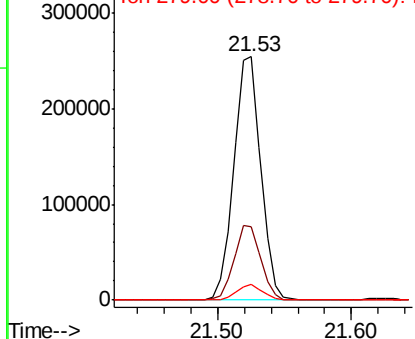


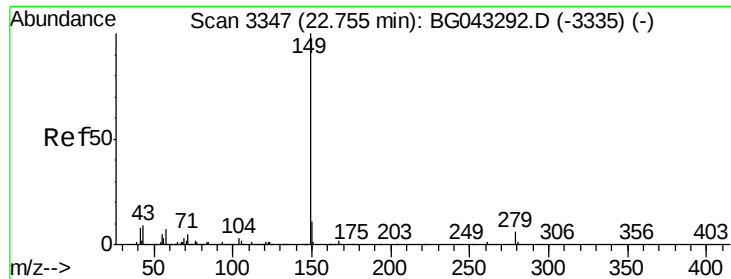
#84  
 Bis(2-ethylhexyl)phthalate  
 Concen: 41.665 ng  
 RT: 21.53 min Scan# 3138  
 Delta R.T. -0.01 min  
 Lab File: BG043614.D  
 Acq: 13 Nov 2019 16:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 30.0  | 24.0  | 36.0  |
| 279     | 6.7   | 5.4   | 8.2   |



Abundance Ion 149.00 (148.70 to 149.70): E  
 Ion 167.00 (166.70 to 167.70): E  
 Ion 279.00 (278.70 to 279.70): E

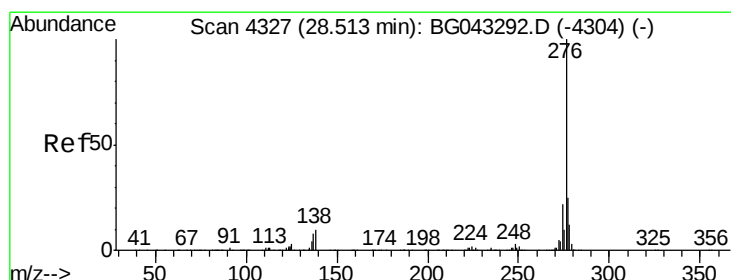
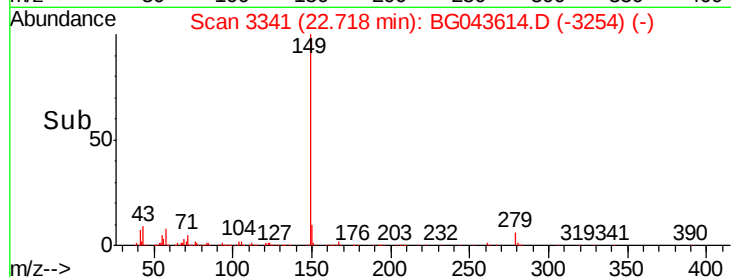
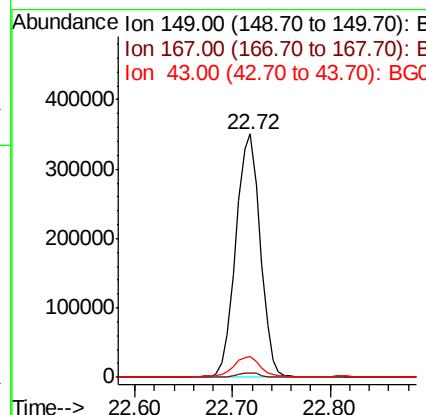
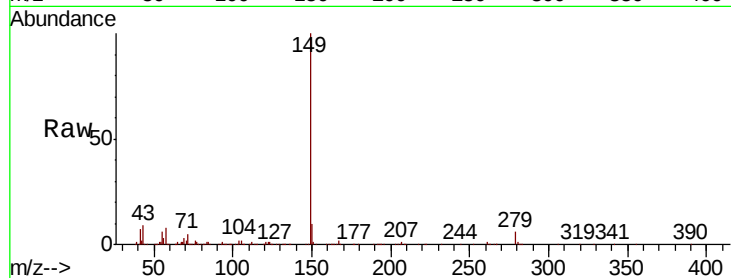




#85  
Di-n-octyl phthalate  
Concen: 41.889 ng  
RT: 22.72 min Scan# 3341  
Delta R.T. -0.02 min  
Lab File: BG043614.D  
Acq: 13 Nov 2019 16:05

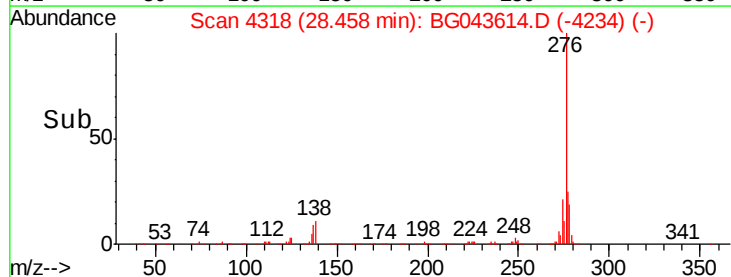
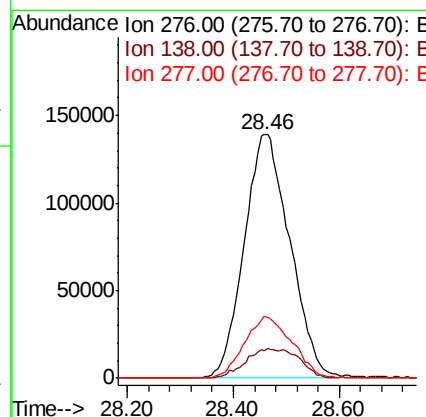
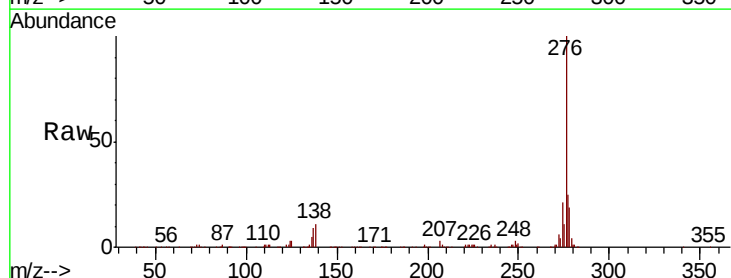
Instrument :  
BNA\_G  
ClientSampleId :

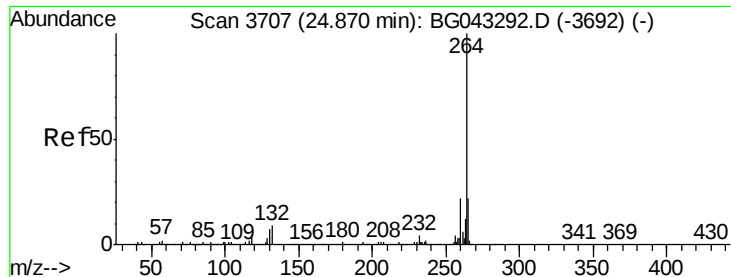
Tot Ion:149 Resp: 608612  
Ion Ratio Lower Upper  
149 100  
167 1.8 1.4 2.2  
43 9.3 7.0 10.6



#86  
Indeno(1,2,3-cd)pyrene  
Concen: 41.561 ng  
RT: 28.46 min Scan# 4318  
Delta R.T. -0.04 min  
Lab File: BG043614.D  
Acq: 13 Nov 2019 16:05

Tgt Ion:276 Resp: 834692  
Ion Ratio Lower Upper  
276 100  
138 14.1 6.8 10.2#  
277 26.2 20.9 31.3





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.82 min Scan# 3699

Delta R.T. -0.03 min

Lab File: BG043614.D

Acq: 13 Nov 2019 16:05

Instrument :

BNA\_G

ClientSampleId :

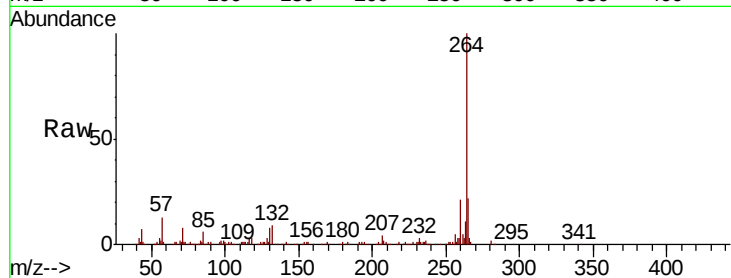
Tot Ion:264 Resp: 307465

Ion Ratio Lower Upper

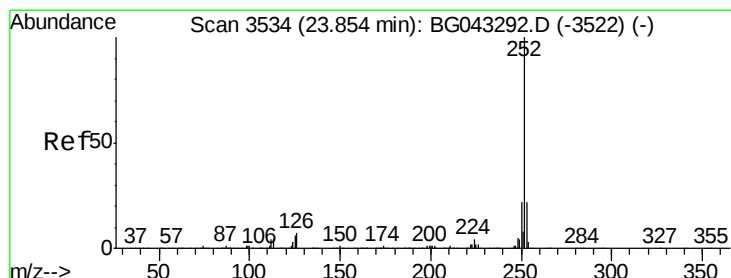
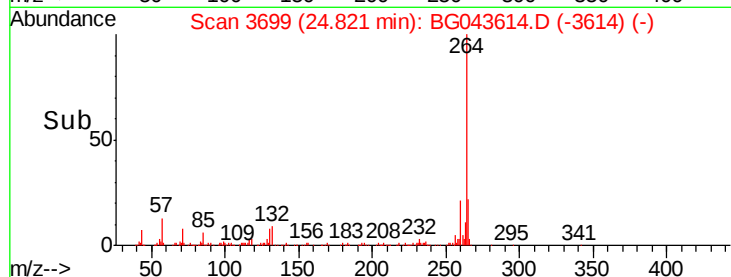
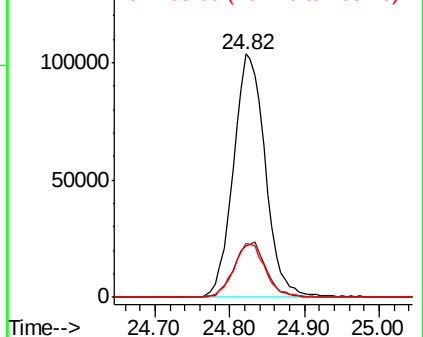
264 100

260 21.4 17.5 26.3

265 22.0 17.4 26.0



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: 40.680 ng

RT: 23.82 min Scan# 3528

Delta R.T. -0.03 min

Lab File: BG043614.D

Acq: 13 Nov 2019 16:05

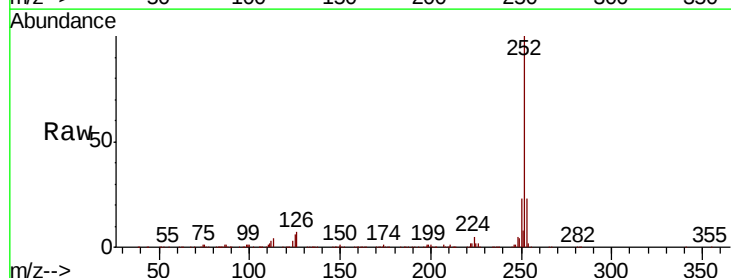
Tgt Ion:252 Resp: 708394

Ion Ratio Lower Upper

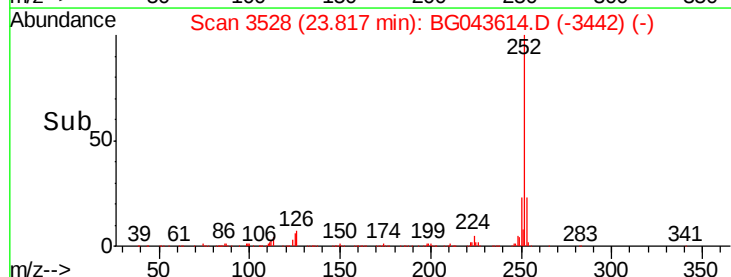
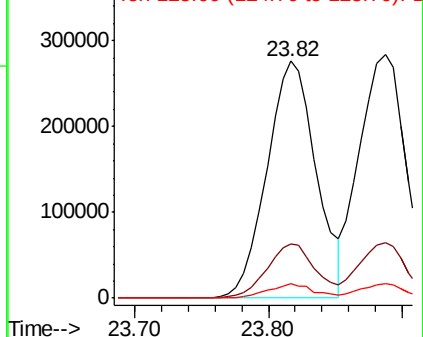
252 100

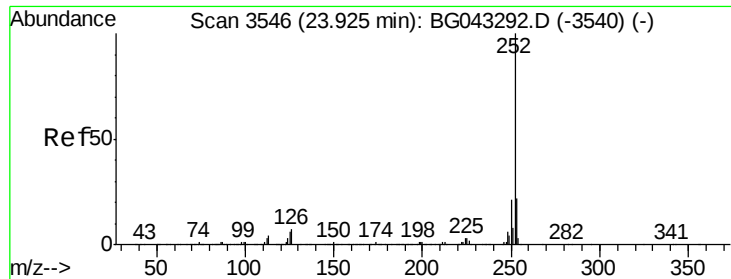
253 23.1 17.7 26.5

125 6.2 4.5 6.7



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

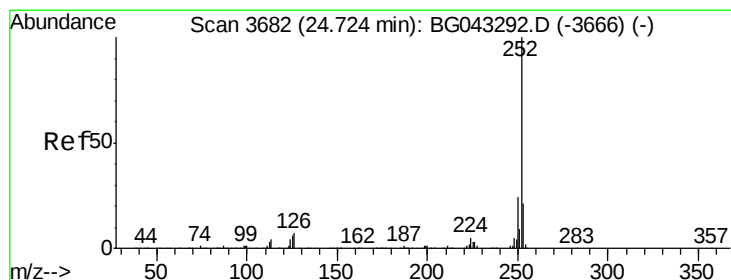
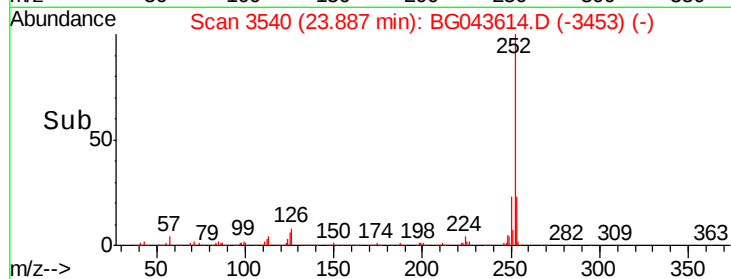
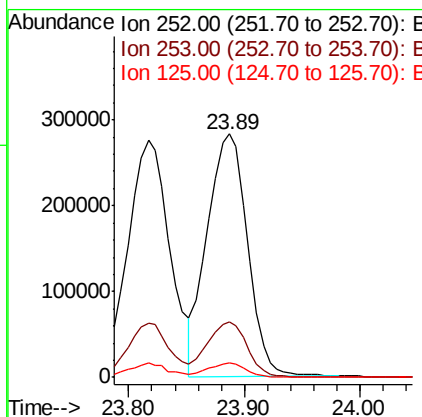
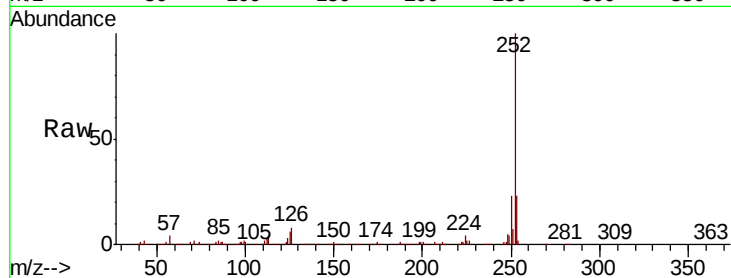




#89  
Benzo(k)fluoranthene  
Concen: 38.954 ng  
RT: 23.89 min Scan# 3540  
Delta R.T. -0.02 min  
Lab File: BG043614.D  
Acq: 13 Nov 2019 16:05

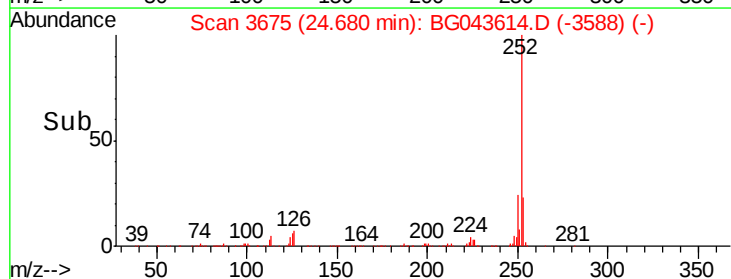
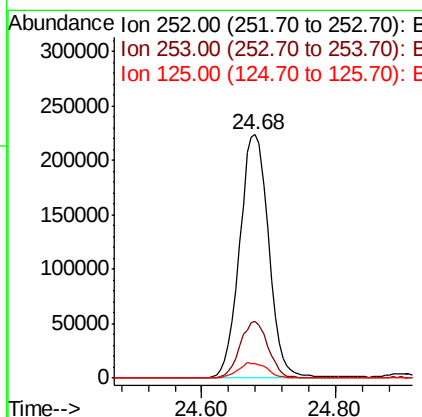
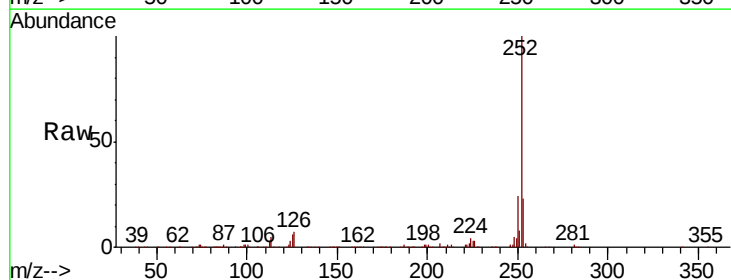
Instrument :  
BNA\_G  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.6  | 17.3  | 25.9  |
| 125     | 5.9   | 4.6   | 6.8   |



#90  
Benzo(a)pyrene  
Concen: 40.257 ng  
RT: 24.68 min Scan# 3675  
Delta R.T. -0.02 min  
Lab File: BG043614.D  
Acq: 13 Nov 2019 16:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 23.1  | 17.8  | 26.8  |
| 125     | 6.1   | 5.4   | 8.2   |





#91

Dibenzo(a,h)anthracene

Concen: 40.743 ng

RT: 28.51 min Scan# 4327

Delta R.T. -0.04 min

Lab File: BG043614.D

Acq: 13 Nov 2019 16:05

Instrument :

BNA\_G

ClientSampleId :

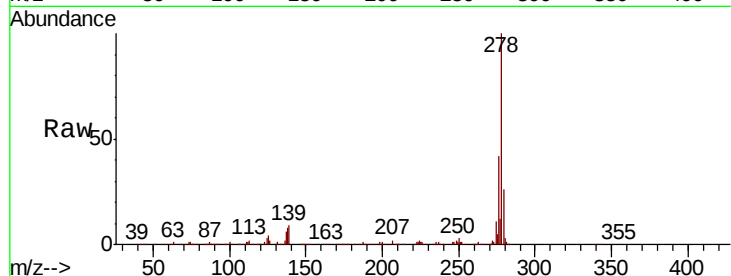
Tot Ion:278 Resp: 693005

Ion Ratio Lower Upper

278 100

139 9.3 7.4 11.0

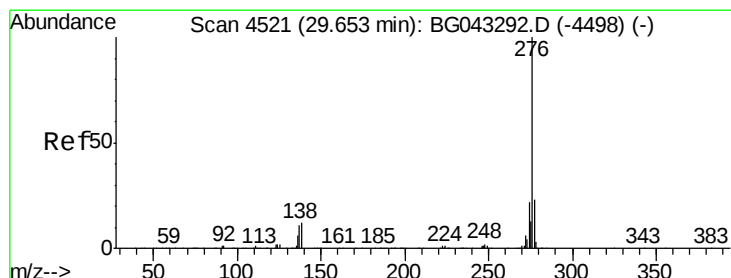
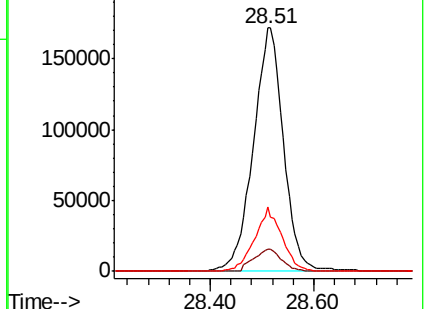
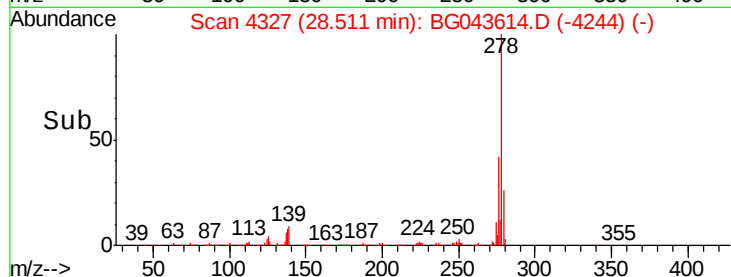
279 26.3 19.1 28.7



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 40.014 ng

RT: 29.59 min Scan# 4510

Delta R.T. -0.04 min

Lab File: BG043614.D

Acq: 13 Nov 2019 16:05

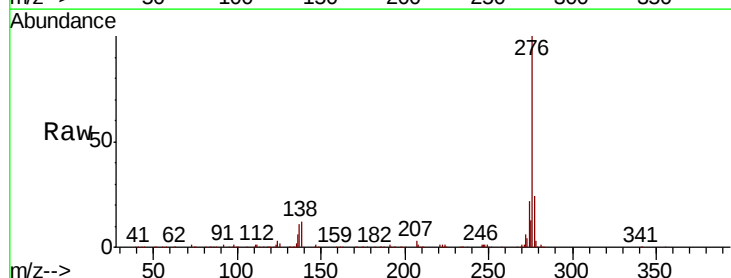
Tgt Ion:276 Resp: 671336

Ion Ratio Lower Upper

276 100

277 23.8 18.9 28.3

138 12.4 8.9 13.3



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

