

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_G\DATA\BG053119\  
 Data File : BG040977.D  
 Acq On : 31 May 2019 14:03  
 Operator : HP/JU  
 Sample : K2241-01  
 Misc : LOD-S-8PPM  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 LOD-MDL-SOIL-01-QT2-2019

Quant Time: Jun 01 05:11:59 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\8270-BG052919.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed May 29 18:39:57 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.12  | 152  | 48845    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.94 | 136  | 196722   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 14.75 | 164  | 147034   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 17.50 | 188  | 375694   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 21.77 | 240  | 402303   | 20.00 | ng    | -0.01    |
| 87) Perylene-d12          | 25.11 | 264  | 422195   | 20.00 | ng    | -0.02    |

## System Monitoring Compounds

|                          |       |     |         |        |    |       |
|--------------------------|-------|-----|---------|--------|----|-------|
| 5) 2-Fluorophenol        | 5.65  | 112 | 326386  | 120.49 | ng | 0.00  |
| 7) Phenol-d6             | 7.26  | 99  | 459702  | 109.89 | ng | 0.00  |
| 23) Nitrobenzene-d5      | 9.30  | 82  | 340230  | 76.78  | ng | 0.00  |
| 42) 2,4,6-Tribromophenol | 16.24 | 330 | 270505  | 123.92 | ng | 0.00  |
| 45) 2-Fluorobiphenyl     | 13.38 | 172 | 801597  | 78.51  | ng | 0.00  |
| 79) Terphenyl-d14        | 20.09 | 244 | 1513531 | 79.85  | ng | -0.01 |

## Target Compounds

|                                |       |     |       |        |    | Qvalue |
|--------------------------------|-------|-----|-------|--------|----|--------|
| 2) 1,4-Dioxane                 | 3.52  | 88  | 10009 | 8.143  | ng | 91     |
| 3) Pyridine                    | 3.94  | 79  | 24346 | 6.694  | ng | 95     |
| 4) n-Nitrosodimethylamine      | 3.86  | 42  | 10763 | 6.376  | ng | # 81   |
| 6) Aniline                     | 7.44  | 93  | 37764 | 6.763  | ng | 96     |
| 8) 2-Chlorophenol              | 7.68  | 128 | 23147 | 7.168  | ng | 98     |
| 9) Benzaldehyde                | 7.25  | 77  | 25213 | 10.103 | ng | # 76   |
| 10) Phenol                     | 7.28  | 94  | 30575 | 6.816  | ng | 92     |
| 11) bis(2-Chloroethyl)ether    | 7.54  | 93  | 23675 | 7.276  | ng | 99     |
| 12) 1,3-Dichlorobenzene        | 8.01  | 146 | 27412 | 7.107  | ng | 94     |
| 13) 1,4-Dichlorobenzene        | 8.15  | 146 | 27363 | 7.009  | ng | 92     |
| 14) 1,2-Dichlorobenzene        | 8.15  | 146 | 27363 | 7.218  | ng | 96     |
| 15) Benzyl Alcohol             | 8.35  | 79  | 26193 | 6.769  | ng | 98     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.64  | 45  | 37284 | 7.012  | ng | 94     |
| 17) 2-Methylphenol             | 8.55  | 107 | 22375 | 6.890  | ng | 92     |
| 18) Hexachloroethane           | 9.21  | 117 | 10641 | 7.072  | ng | 94     |
| 19) n-Nitroso-di-n-propylamine | 8.92  | 70  | 23405 | 7.270  | ng | # 93   |
| 20) 3+4-Methylphenols          | 8.88  | 107 | 29036 | 6.454  | ng | 98     |
| 22) Acetophenone               | 8.95  | 105 | 43044 | 7.800  | ng | # 96   |
| 24) Nitrobenzene               | 9.34  | 77  | 35178 | 7.790  | ng | 97     |
| 25) Isophorone                 | 9.85  | 82  | 64592 | 7.659  | ng | 99     |
| 26) 2-Nitrophenol              | 10.05 | 139 | 13266 | 7.126  | ng | # 83   |
| 27) 2,4-Dimethylphenol         | 10.09 | 122 | 22161 | 7.208  | ng | 91     |
| 28) bis(2-Chloroethoxy)methane | 10.33 | 93  | 34627 | 7.608  | ng | 94     |
| 29) 2,4-Dichlorophenol         | 10.58 | 162 | 26162 | 6.701  | ng | 92     |
| 30) 1,2,4-Trichlorobenzene     | 10.80 | 180 | 34263 | 7.714  | ng | # 86   |
| 31) Naphthalene                | 10.99 | 128 | 83819 | 7.936  | ng | 98     |
| 32) Benzoic acid               | 10.19 | 122 | 2445  | 8.980  | ng | # 65   |
| 33) 4-Chloroaniline            | 11.10 | 127 | 34140 | 6.966  | ng | 94     |
| 34) Hexachlorobutadiene        | 11.26 | 225 | 25772 | 7.583  | ng | 94     |
| 35) Caprolactam                | 11.86 | 113 | 8563  | 6.641  | ng | 96     |
| 36) 4-Chloro-3-methylphenol    | 12.20 | 107 | 31241 | 7.006  | ng | 88     |
| 37) 2-Methylnaphthalene        | 12.59 | 142 | 65219 | 8.017  | ng | 94     |
| 38) 1-Methylnaphthalene        | 12.59 | 142 | 65219 | 8.508  | ng | 93     |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.94 | 216 | 45970 | 7.757  | ng | 99     |

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 Sample : K2241-01  
 Misc : LOD-S-8PPM  
 ALS Vial : 4 Sample Multiplier: 1

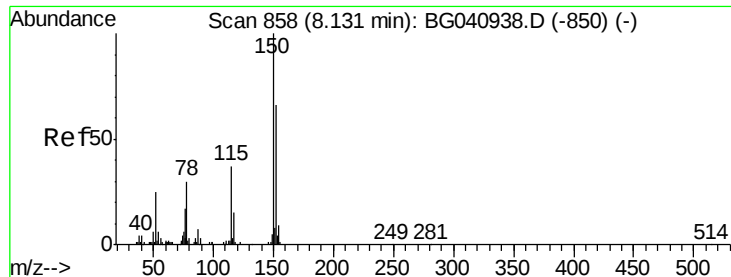
Instrument :  
 BNA\_G  
 ClientSampleId :  
 LOD-MDL-SOIL-01-QT2-2019

Quant Time: Jun 01 05:11:59 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\8270-BG052919.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed May 29 18:39:57 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 12.91 | 237  | 18248    | 13.374 | ng    | 94       |
| 43) 2,4,6-Trichlorophenol      | 13.19 | 196  | 26862    | 7.007  | ng    | 96       |
| 44) 2,4,5-Trichlorophenol      | 13.26 | 196  | 29917    | 7.399  | ng    | 97       |
| 46) 1,1'-Biphenyl              | 13.58 | 154  | 85727    | 7.877  | ng    | 94       |
| 47) 2-Chloronaphthalene        | 13.64 | 162  | 68988    | 7.384  | ng    | 99       |
| 48) 2-Nitroaniline             | 13.84 | 65   | 22147    | 6.607  | ng    | 95       |
| 49) Acenaphthylene             | 14.48 | 152  | 109363   | 7.777  | ng    | 95       |
| 50) Dimethylphthalate          | 14.19 | 163  | 93362    | 7.501  | ng    | 95       |
| 51) 2,6-Dinitrotoluene         | 14.32 | 165  | 19583    | 7.297  | ng    | 92       |
| 52) Acenaphthene               | 14.82 | 154  | 65153    | 7.648  | ng    | 93       |
| 53) 3-Nitroaniline             | 14.66 | 138  | 16780    | 6.253  | ng #  | 73       |
| 54) 2,4-Dinitrophenol          | 14.88 | 184  | 326      | 8.546  | ng #  | 78       |
| 55) Dibenzofuran               | 15.15 | 168  | 113420   | 7.912  | ng    | 97       |
| 56) 4-Nitrophenol              | 14.96 | 139  | 10417    | 5.659  | ng    | 92       |
| 57) 2,4-Dinitrotoluene         | 15.10 | 165  | 26977    | 7.117  | ng    | 91       |
| 58) Fluorene                   | 15.79 | 166  | 88800    | 7.779  | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol  | 15.36 | 232  | 27309    | 6.873  | ng #  | 95       |
| 60) Diethylphthalate           | 15.55 | 149  | 91800    | 7.227  | ng    | 97       |
| 61) 4-Chlorophenyl-phenylether | 15.78 | 204  | 55162    | 7.434  | ng    | 95       |
| 62) 4-Nitroaniline             | 15.82 | 138  | 19945    | 7.021  | ng    | 94       |
| 63) Azobenzene                 | 16.07 | 77   | 88638    | 7.678  | ng    | 95       |
| 65) 4,6-Dinitro-2-methylphenol | 15.86 | 198  | 5466     | 10.819 | ng    | 93       |
| 66) n-Nitrosodiphenylamine     | 16.00 | 169  | 80399    | 7.613  | ng    | 95       |
| 67) 4-Bromophenyl-phenylether  | 16.68 | 248  | 35644    | 7.030  | ng    | 97       |
| 68) Hexachlorobenzene          | 16.79 | 284  | 37507    | 6.947  | ng    | 98       |
| 69) Atrazine                   | 16.93 | 200  | 31774    | 7.797  | ng    | 93       |
| 70) Pentachlorophenol          | 17.14 | 266  | 8000     | 6.875  | ng    | 90       |
| 71) Phenanthrene               | 17.54 | 178  | 156837   | 8.014  | ng    | 95       |
| 72) Anthracene                 | 17.63 | 178  | 160075   | 8.294  | ng    | 98       |
| 73) Carbazole                  | 17.90 | 167  | 136048   | 8.215  | ng    | 98       |
| 74) Di-n-butylphthalate        | 18.43 | 149  | 157110   | 7.633  | ng    | 99       |
| 75) Fluoranthene               | 19.54 | 202  | 212335   | 8.785  | ng    | 99       |
| 77) Benzidine                  | 19.72 | 184  | 78323    | 8.161  | ng    | 98       |
| 78) Pyrene                     | 19.90 | 202  | 214827   | 8.214  | ng    | 97       |
| 80) Butylbenzylphthalate       | 20.77 | 149  | 72365    | 7.110  | ng    | 98       |
| 81) Benzo(a)anthracene         | 21.76 | 228  | 217122   | 8.108  | ng    | 96       |
| 82) 3,3'-Dichlorobenzidine     | 21.67 | 252  | 70096    | 7.442  | ng    | 100      |
| 83) Chrysene                   | 21.82 | 228  | 204138   | 7.966  | ng    | 98       |
| 84) Bis(2-ethylhexyl)phthalate | 21.63 | 149  | 102215   | 7.135  | ng    | 98       |
| 85) Di-n-octyl phthalate       | 22.87 | 149  | 170824   | 7.159  | ng    | 99       |
| 86) Indeno(1,2,3-cd)pyrene     | 28.94 | 276  | 218354   | 6.956  | ng #  | 98       |
| 88) Benzo(b)fluoranthene       | 24.04 | 252  | 191269   | 7.469  | ng    | 98       |
| 89) Benzo(k)fluoranthene       | 24.11 | 252  | 202771   | 8.002  | ng    | 99       |
| 90) Benzo(a)pyrene             | 24.95 | 252  | 188896   | 7.732  | ng    | 92       |
| 91) Dibenzo(a,h)anthracene     | 29.01 | 278  | 179525   | 7.354  | ng    | 99       |
| 92) Benzo(g,h,i)perylene       | 30.14 | 276  | 184962   | 7.799  | ng    | 94       |

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





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.12 min Scan# 857

Delta R.T. -0.01 min

Lab File: BG040977.D

Acq: 31 May 2019 14:03

Instrument :

BNA\_G

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2019

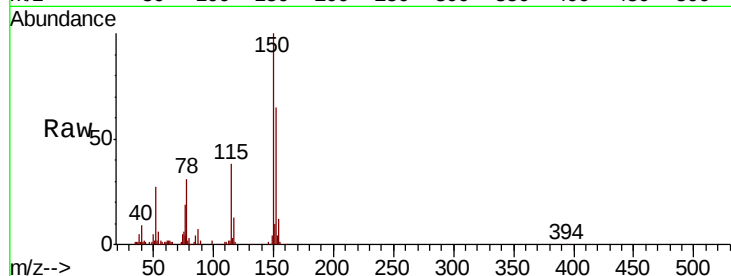
Tgt Ion:152 Resp: 48845

Ion Ratio Lower Upper

152 100

150 153.8 120.6 180.8

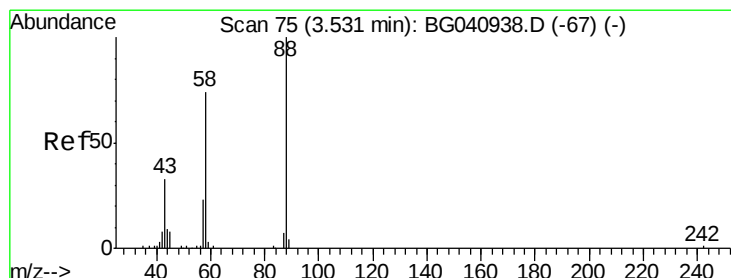
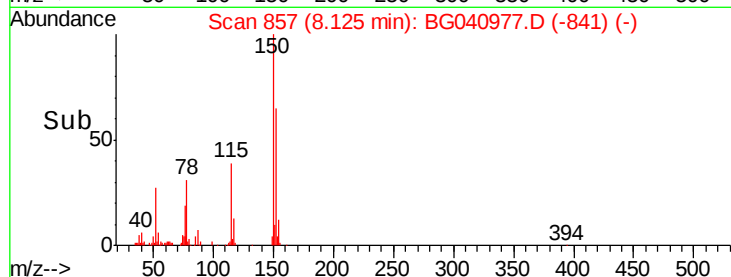
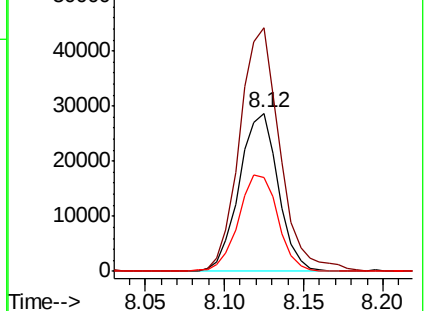
115 59.0 45.1 67.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 8.143 ng

RT: 3.52 min Scan# 73

Delta R.T. -0.01 min

Lab File: BG040977.D

Acq: 31 May 2019 14:03

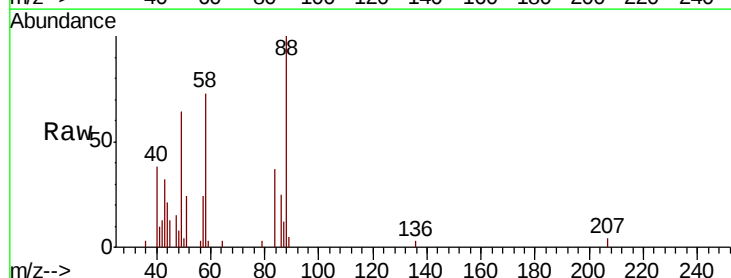
Tgt Ion: 88 Resp: 10009

Ion Ratio Lower Upper

88 100

58 82.3 59.0 88.6

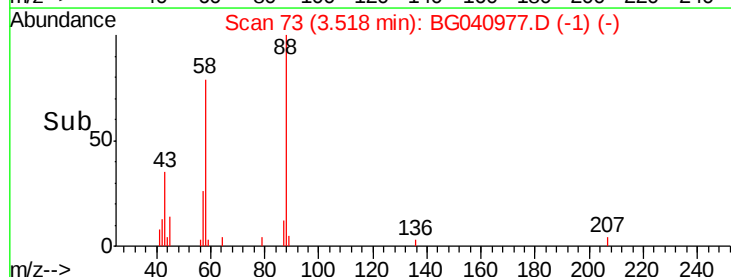
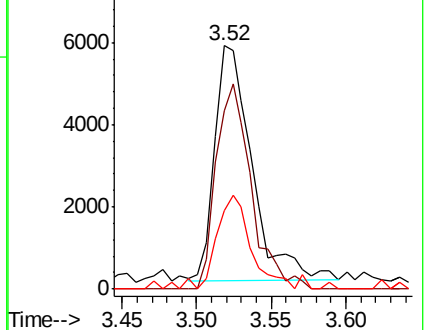
43 37.2 27.2 40.8

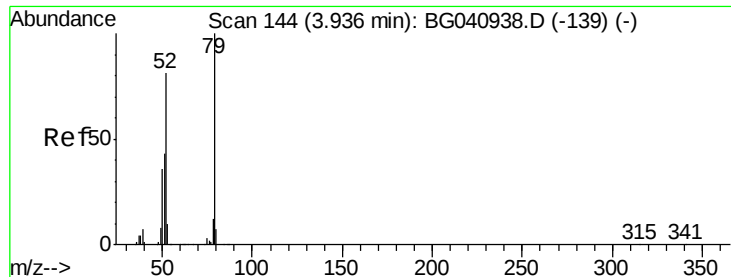


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 6.694 ng

RT: 3.94 min Scan# 145

Delta R.T. 0.01 min

Lab File: BG040977.D

Acq: 31 May 2019 14:03

Instrument :

BNA\_G

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2019

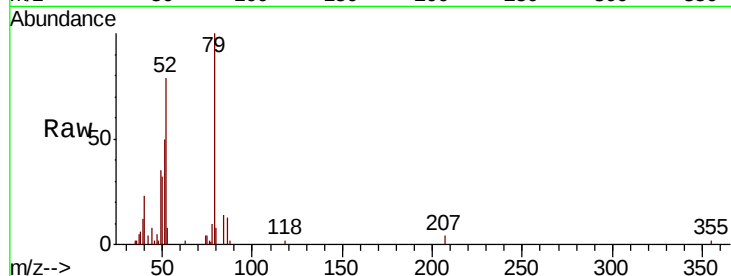
Tgt Ion: 79 Resp: 24346

Ion Ratio Lower Upper

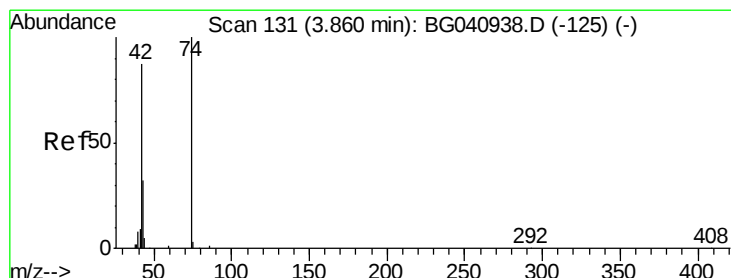
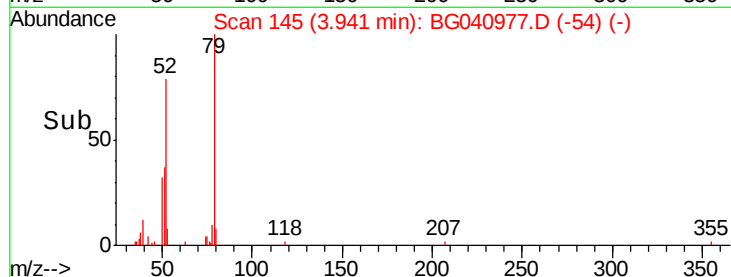
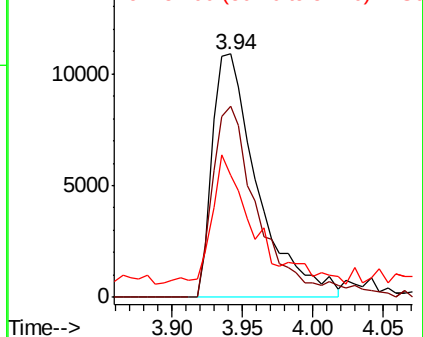
79 100

52 78.6 64.8 97.2

51 50.3 35.3 52.9



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: 6.376 ng

RT: 3.86 min Scan# 131

Delta R.T. -0.00 min

Lab File: BG040977.D

Acq: 31 May 2019 14:03

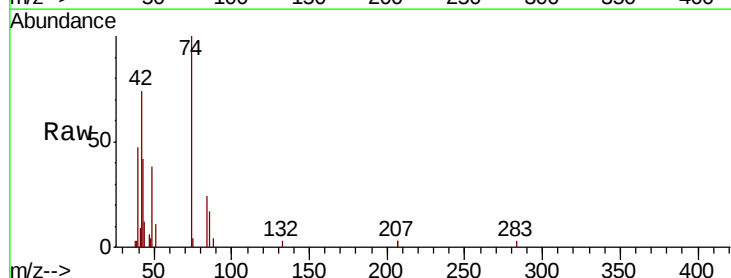
Tgt Ion: 42 Resp: 10763

Ion Ratio Lower Upper

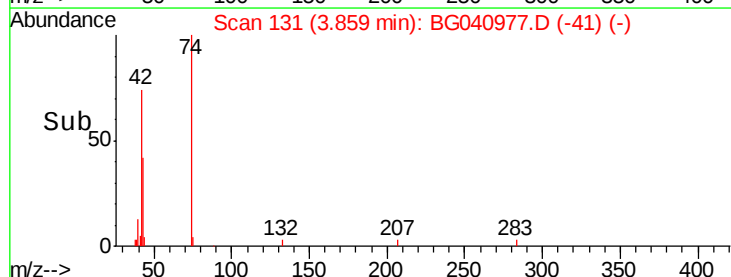
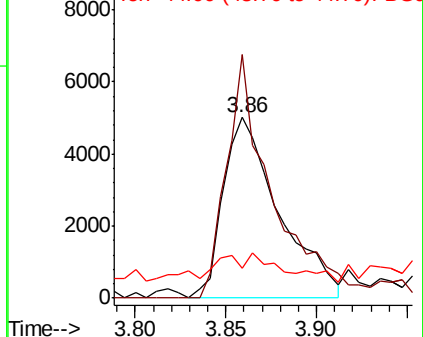
42 100

74 135.0 91.8 137.6

44 16.7 6.0 9.0#



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: 120.492 ng

RT: 5.65 min Scan# 436

Delta R.T. -0.01 min

Lab File: BG040977.D

Acq: 31 May 2019 14:03

Instrument :

BNA\_G

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2019

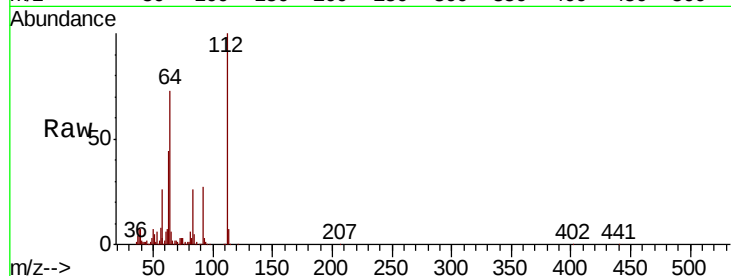
Tgt Ion:112 Resp: 326386

Ion Ratio Lower Upper

112 100

64 73.2 56.2 84.2

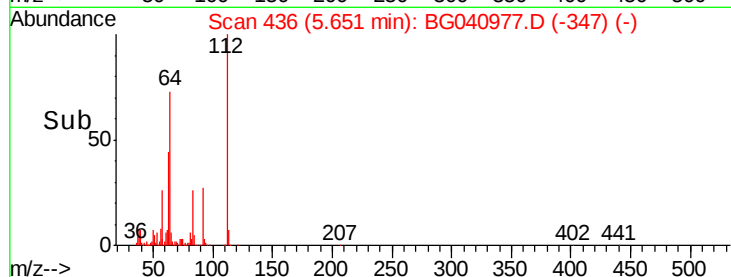
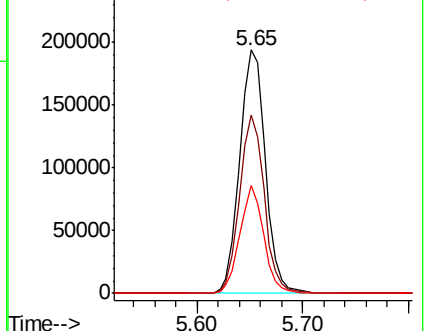
63 44.2 32.8 49.2



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: 6.763 ng

RT: 7.44 min Scan# 741

Delta R.T. -0.01 min

Lab File: BG040977.D

Acq: 31 May 2019 14:03

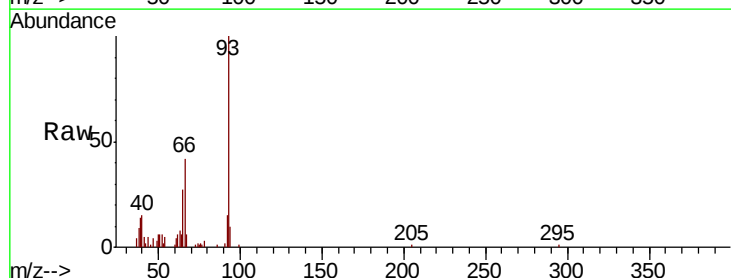
Tgt Ion: 93 Resp: 37764

Ion Ratio Lower Upper

93 100

66 41.9 33.8 50.8

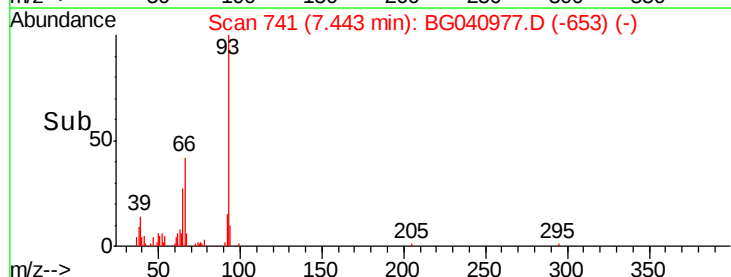
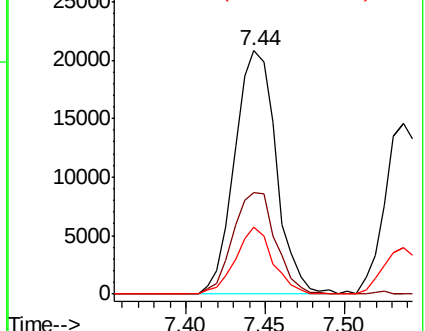
65 27.3 18.3 27.5

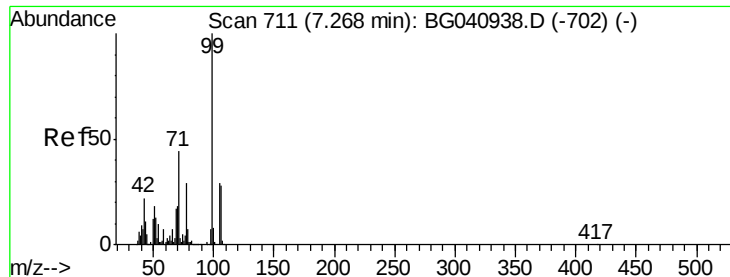


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 109.887 ng

RT: 7.26 min Scan# 710

Delta R.T. -0.01 min

Lab File: BG040977.D

Acq: 31 May 2019 14:03

Instrument :

BNA\_G

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2019

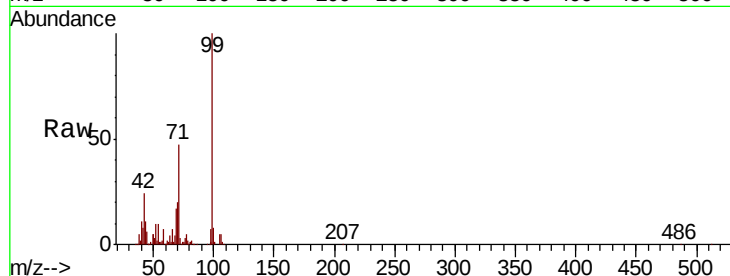
Tgt Ion: 99 Resp: 459702

Ion Ratio Lower Upper

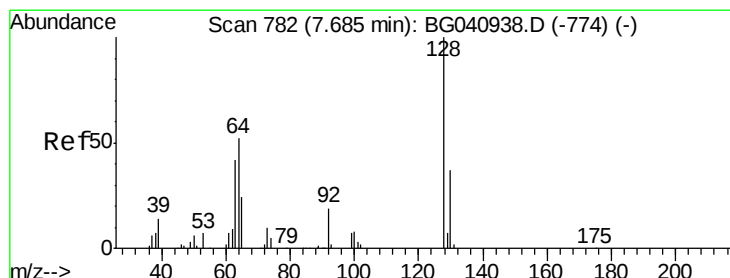
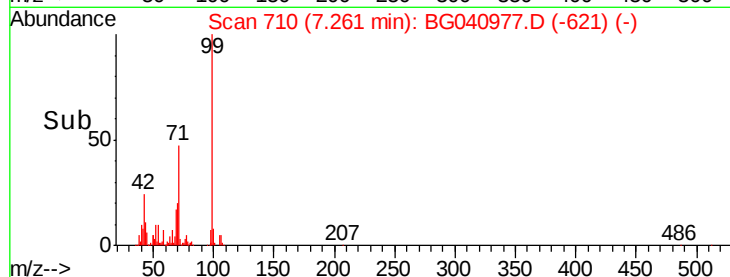
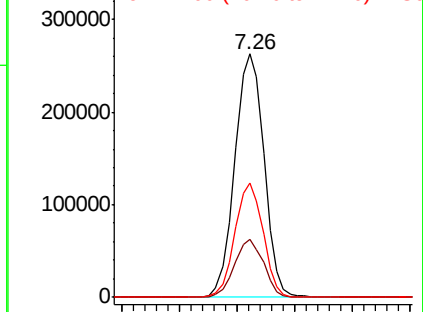
99 100

42 24.1 17.9 26.9

71 46.7 35.4 53.0



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: 7.168 ng

RT: 7.68 min Scan# 781

Delta R.T. -0.01 min

Lab File: BG040977.D

Acq: 31 May 2019 14:03

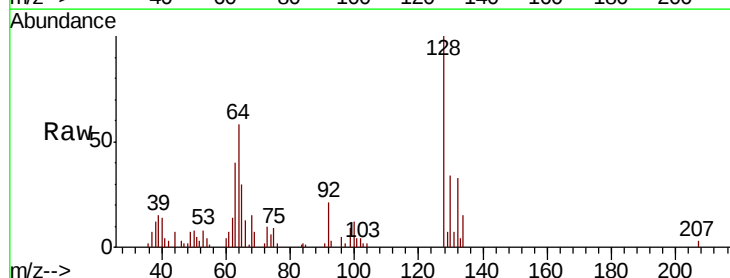
Tgt Ion: 128 Resp: 23147

Ion Ratio Lower Upper

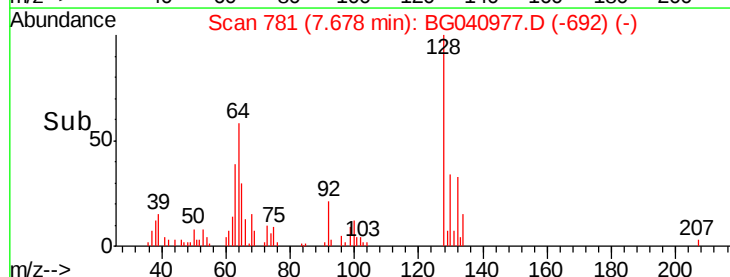
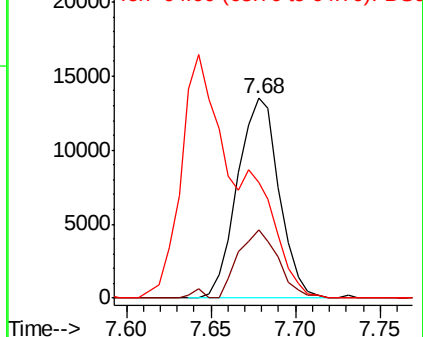
128 100

130 33.8 16.6 56.6

64 57.6 37.8 77.8



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: 10.103 ng

RT: 7.25 min Scan# 709

Delta R.T. -0.01 min

Lab File: BG040977.D

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Instrument :

BNA\_G

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2019

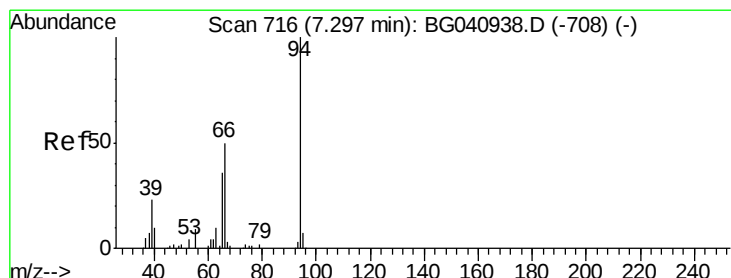
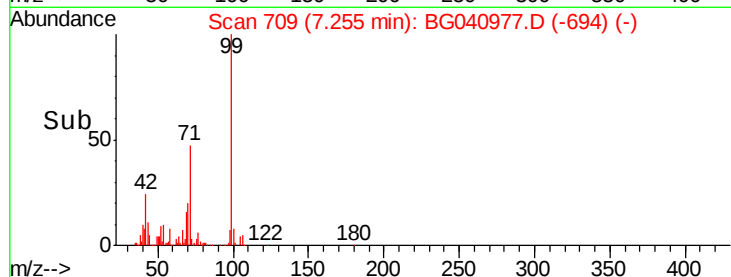
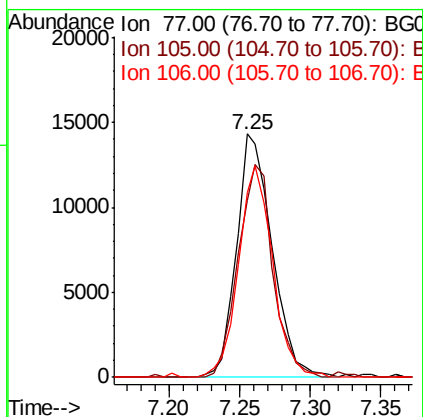
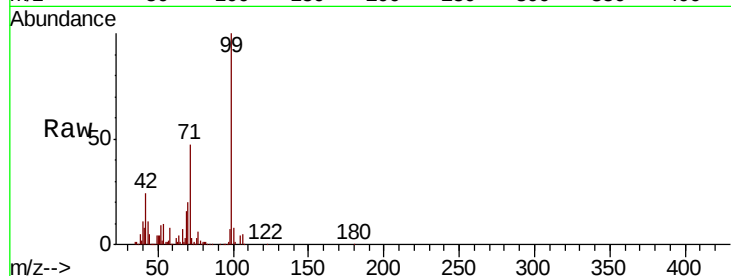
Tgt Ion: 77 Resp: 25213

Ion Ratio Lower Upper

77 100

105 72.7 78.9 118.9#

106 75.9 76.7 116.7#



#10

Phenol

Concen: 6.816 ng

RT: 7.28 min Scan# 714

Delta R.T. -0.01 min

Lab File: BG040977.D

Acq: 31 May 2019 14:03

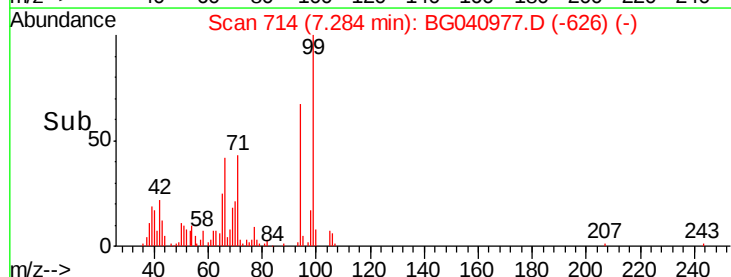
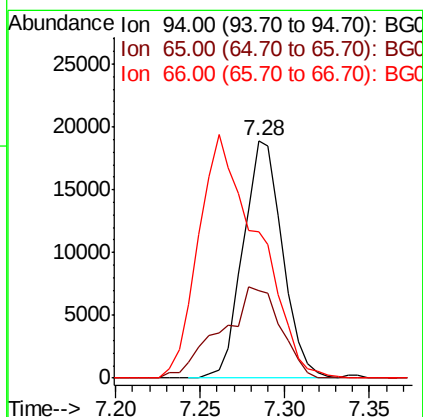
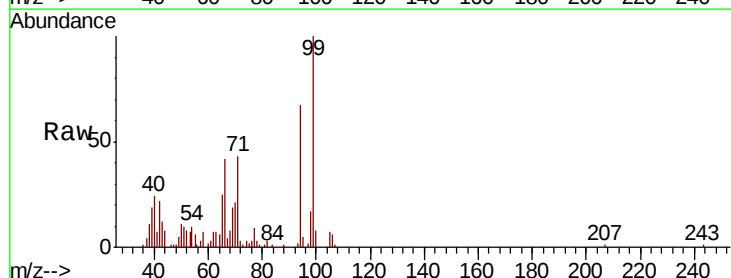
Tgt Ion: 94 Resp: 30575

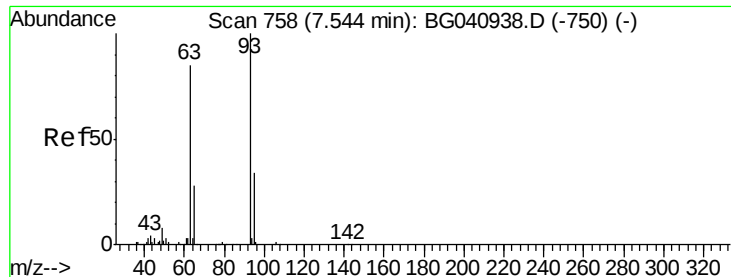
Ion Ratio Lower Upper

94 100

65 36.9 17.0 57.0

66 61.6 32.4 72.4

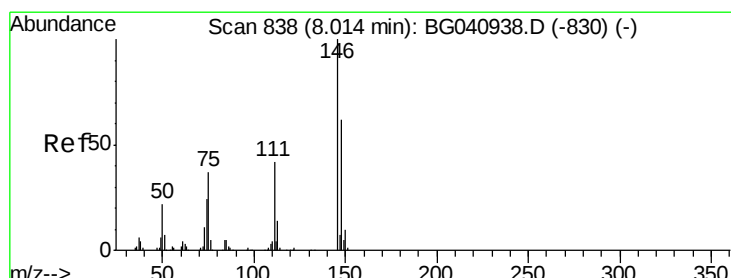
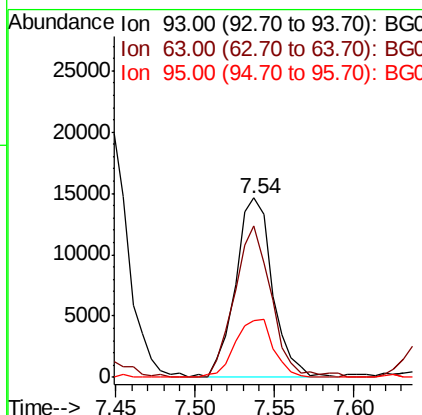
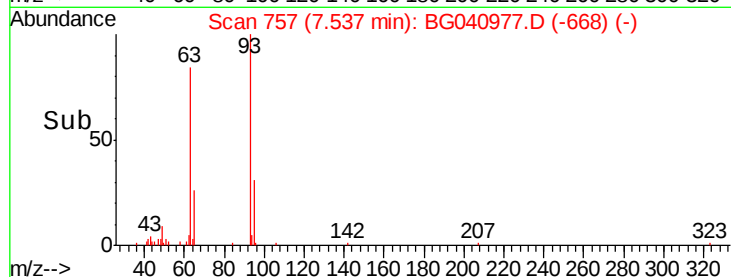
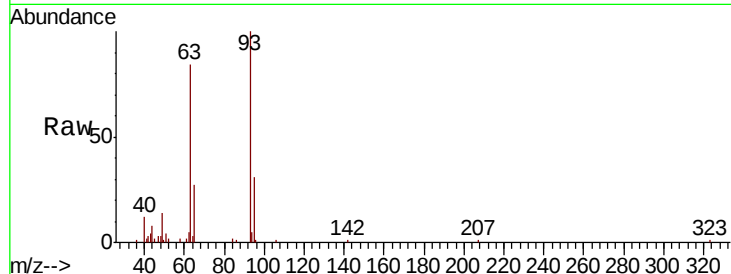




#11  
 bis(2-Chloroethyl)ether  
 Concen: 7.276 ng  
 RT: 7.54 min Scan# 757  
 Delta R.T. -0.01 min  
 Lab File: BG040977.D  
 Acq: 31 May 2019 14:03

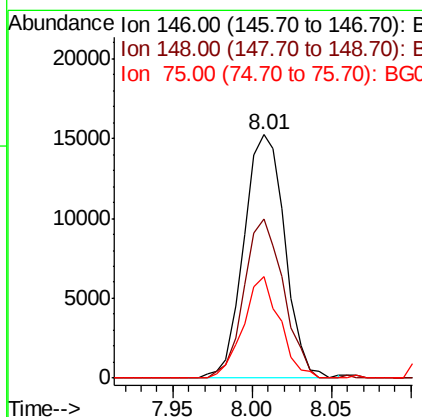
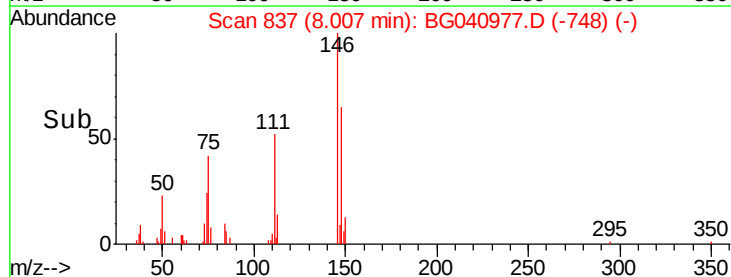
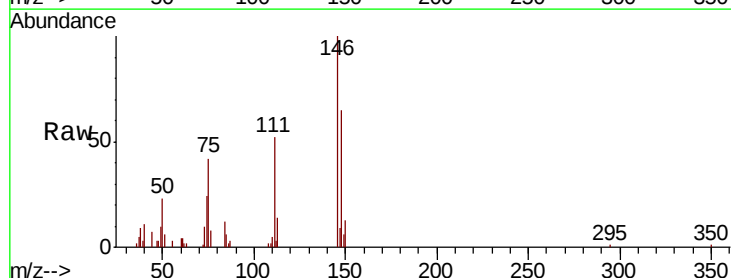
Instrument :  
 BNA\_G  
 ClientSampleId :  
 LOD-MDL-SOIL-01-QT2-2019

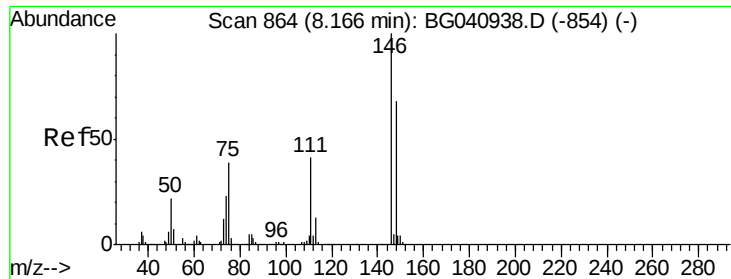
Tgt Ion: 93 Resp: 23675  
 Ion Ratio Lower Upper  
 93 100  
 63 84.3 64.5 104.5  
 95 31.5 13.3 53.3



#12  
 1,3-Dichlorobenzene  
 Concen: 7.107 ng  
 RT: 8.01 min Scan# 837  
 Delta R.T. -0.01 min  
 Lab File: BG040977.D  
 Acq: 31 May 2019 14:03

Tgt Ion: 146 Resp: 27412  
 Ion Ratio Lower Upper  
 146 100  
 148 65.1 49.2 73.8  
 75 41.7 29.4 44.0





#13

1,4-Dichlorobenzene

Concen: 7.009 ng

RT: 8.15 min Scan# 862

Delta R.T. -0.01 min

Lab File: BG040977.D

Acq: 31 May 2019 14:03

Instrument :

BNA\_G

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2019

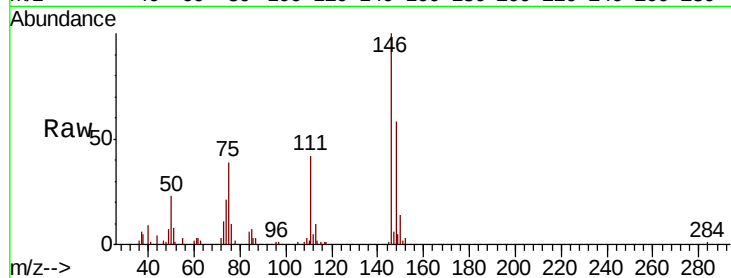
Tgt Ion:146 Resp: 27363

Ion Ratio Lower Upper

146 100

148 57.7 54.2 81.4

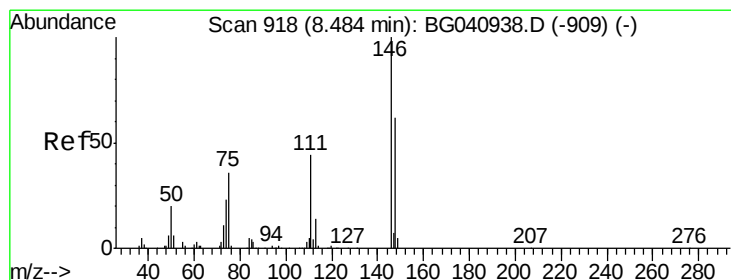
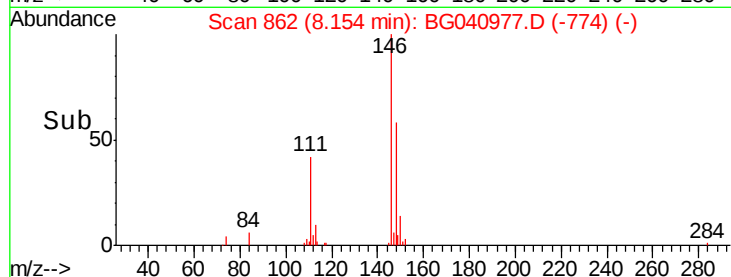
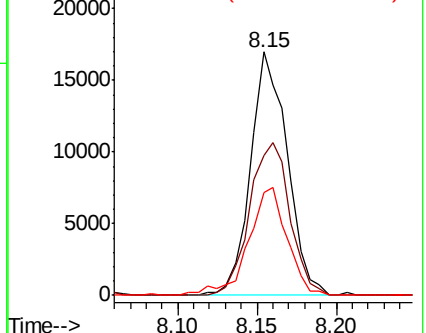
111 42.0 32.9 49.3



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: 7.218 ng

RT: 8.15 min Scan# 862

Delta R.T. -0.33 min

Lab File: BG040977.D

Acq: 31 May 2019 14:03

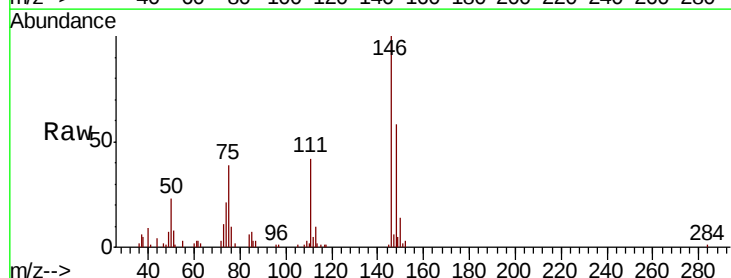
Tgt Ion:146 Resp: 27363

Ion Ratio Lower Upper

146 100

148 57.7 49.8 74.6

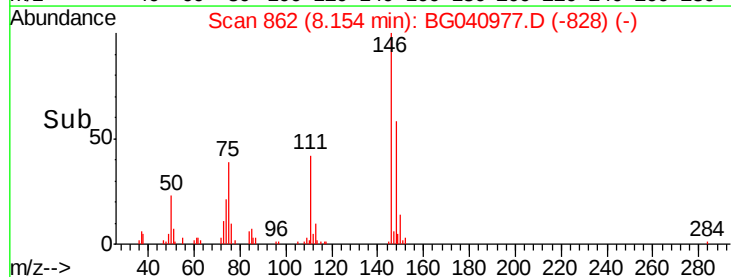
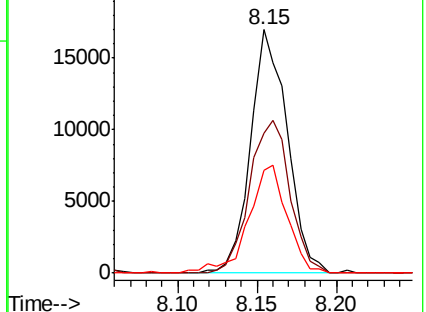
111 42.0 35.0 52.4

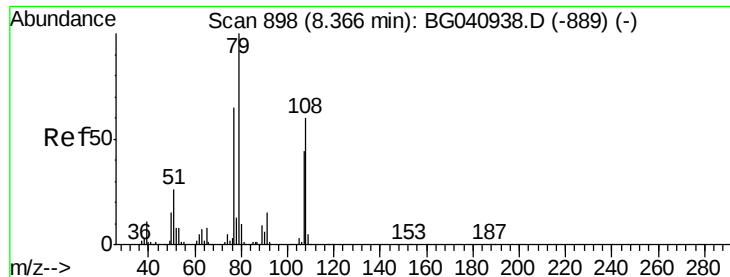


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 6.769 ng

RT: 8.35 min Scan# 896

Delta R.T. -0.01 min

Lab File: BG040977.D

Acq: 31 May 2019 14:03

Instrument :

BNA\_G

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2019

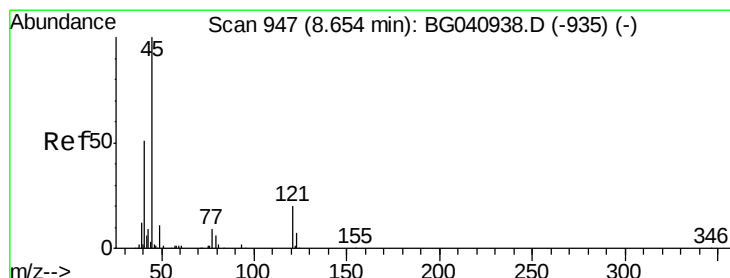
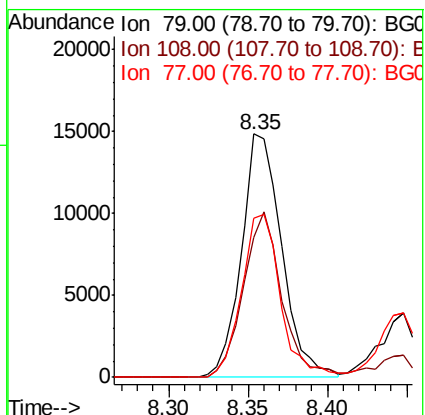
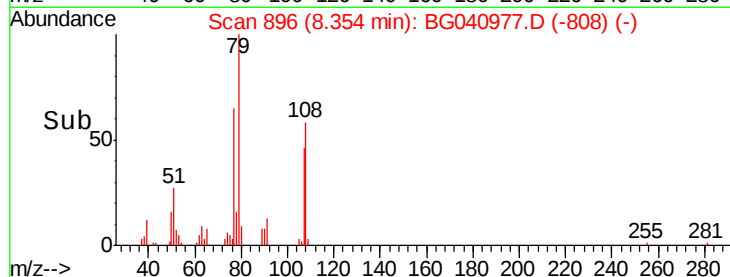
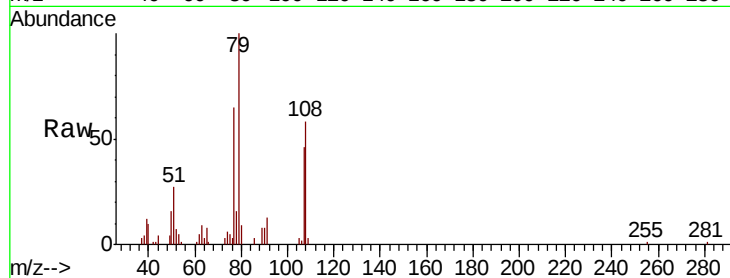
Tgt Ion: 79 Resp: 26193

Ion Ratio Lower Upper

79 100

108 57.7 48.3 72.5

77 65.3 52.3 78.5



#16

2,2'-oxybis(1-chloropropane)

Concen: 7.012 ng

RT: 8.64 min Scan# 944

Delta R.T. -0.02 min

Lab File: BG040977.D

Acq: 31 May 2019 14:03

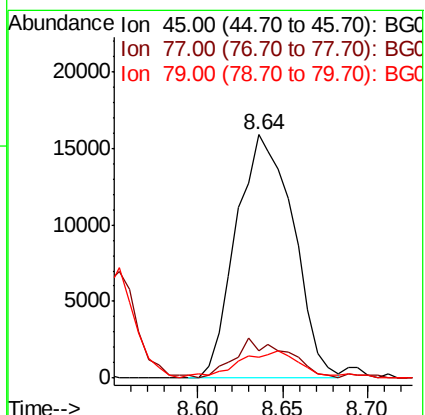
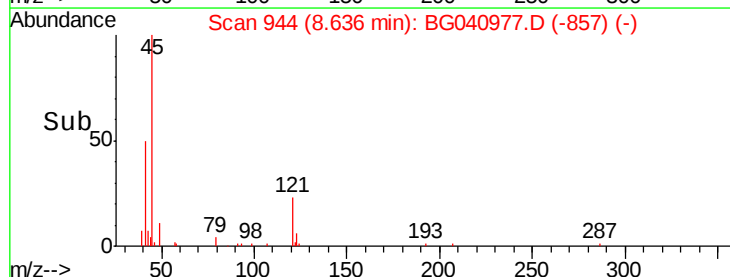
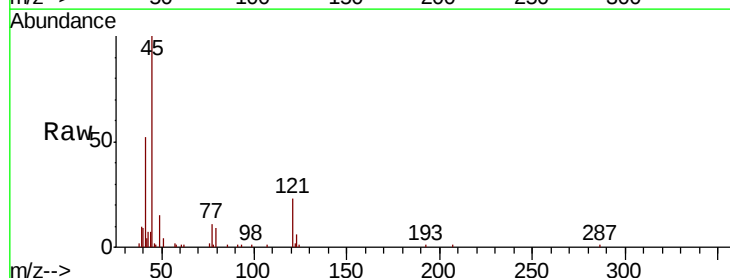
Tgt Ion: 45 Resp: 37284

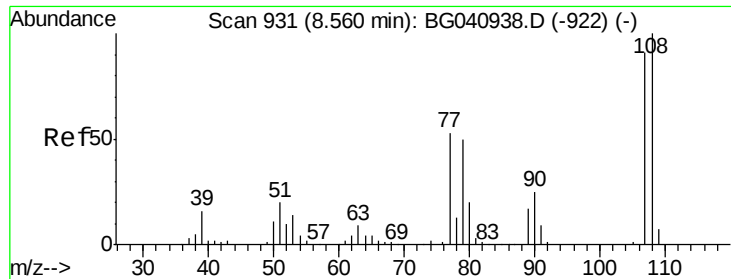
Ion Ratio Lower Upper

45 100

77 11.0 0.0 33.7

79 8.7 0.0 30.2

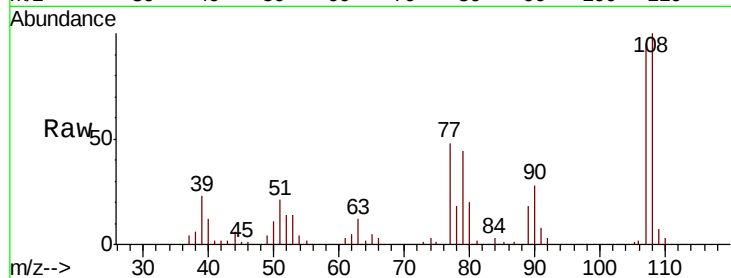




#17  
2-Methylphenol  
Concen: 6.890 ng  
RT: 8.55 min Scan# 929  
Delta R.T. -0.01 min  
Lab File: BG040977.D  
Acq: 31 May 2019 14:03

Instrument :  
BNA\_G  
ClientSampleId :  
LOD-MDL-SOIL-01-QT2-2019

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 107   | Resp: | 22375 |
| Ion      | Ratio | Lower | Upper |
| 107      | 100   |       |       |
| 108      | 104.9 | 87.7  | 131.5 |
| 77       | 50.0  | 46.6  | 70.0  |
| 79       | 46.6  | 44.6  | 66.8  |



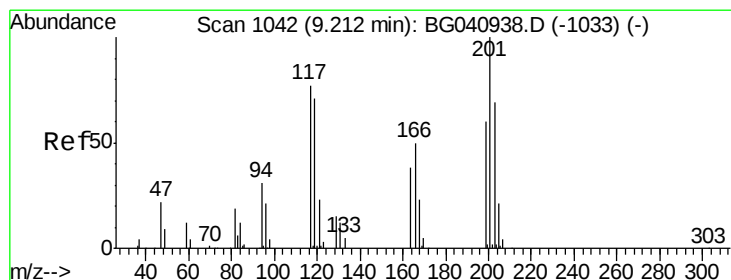
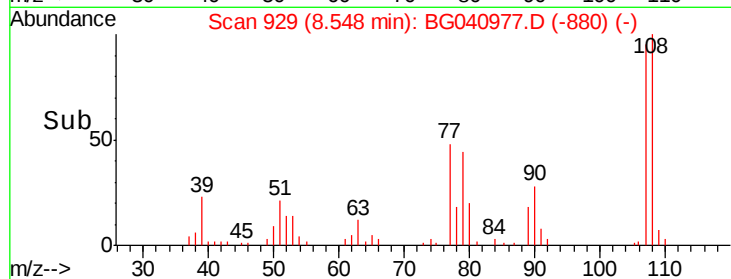
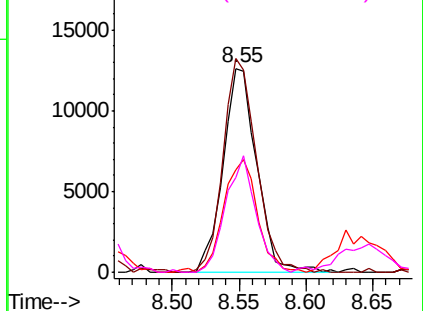
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

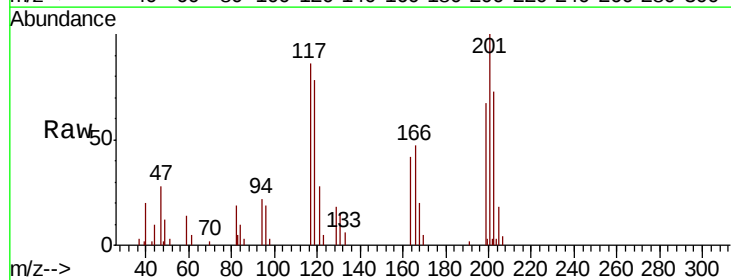
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18  
Hexachloroethane  
Concen: 7.072 ng  
RT: 9.21 min Scan# 1042  
Delta R.T. -0.00 min  
Lab File: BG040977.D  
Acq: 31 May 2019 14:03

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 10641 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 119      | 91.4  | 75.0  | 112.6 |
| 201      | 120.0 | 103.5 | 155.3 |

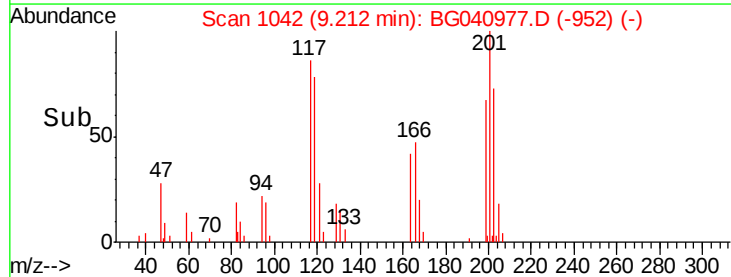
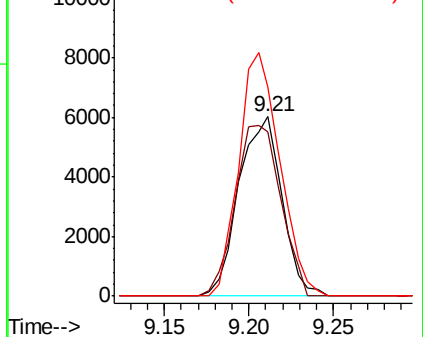


Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

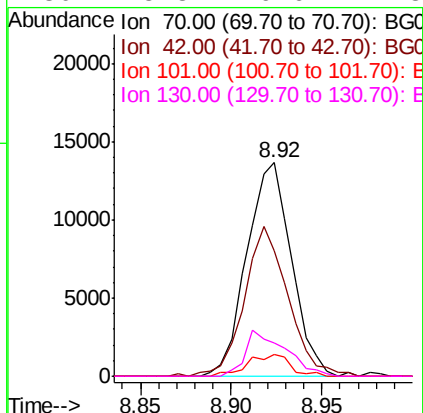
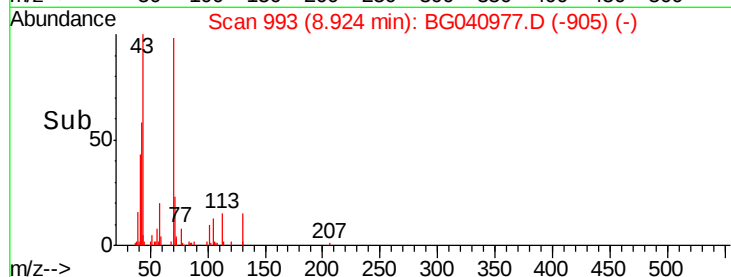
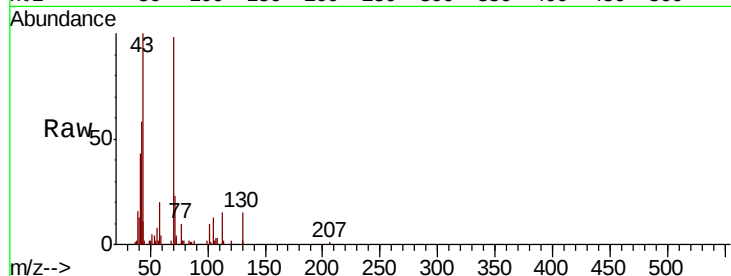




#19  
n-Nitroso-di-n-propylamine  
Concen: 7.270 ng  
RT: 8.92 min Scan# 993  
Delta R.T. -0.01 min  
Lab File: BG040977.D  
Acq: 31 May 2019 14:03

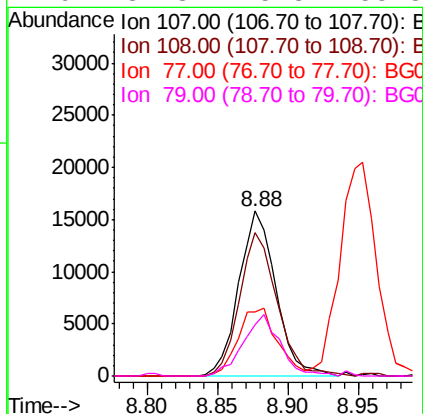
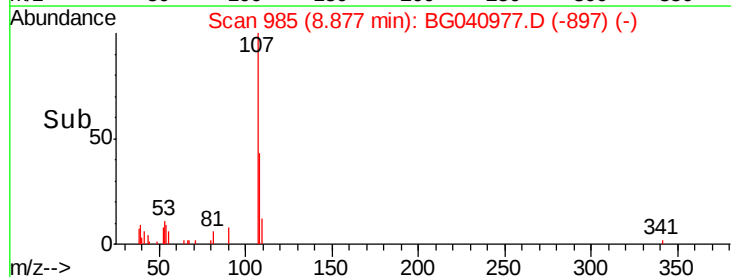
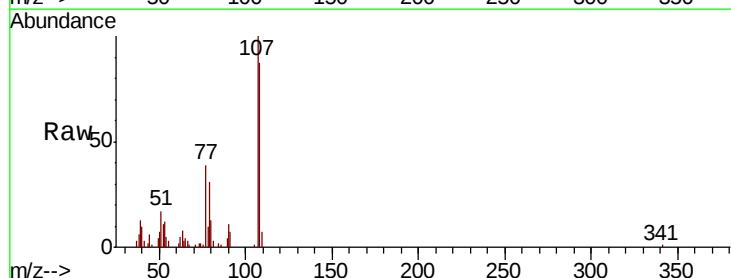
Instrument :  
BNA\_G  
ClientSampleId :  
LOD-MDL-SOIL-01-QT2-2019

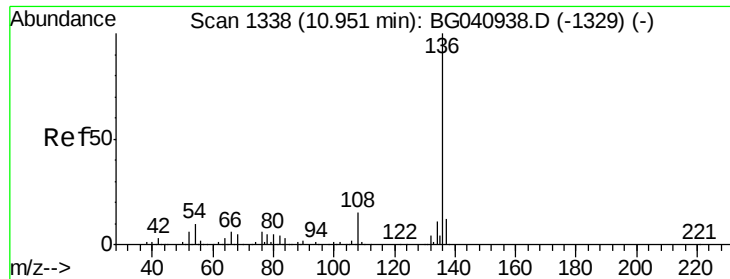
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 70    | Resp: | 23405 |
| Ion      | Ratio | Lower | Upper |
| 70       | 100   |       |       |
| 42       | 58.9  | 51.5  | 77.3  |
| 101      | 10.0  | 8.1   | 12.1  |
| 130      | 15.8  | 16.6  | 24.8# |



#20  
3+4-Methylphenols  
Concen: 6.454 ng  
RT: 8.88 min Scan# 985  
Delta R.T. -0.01 min  
Lab File: BG040977.D  
Acq: 31 May 2019 14:03

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 107   | Resp: | 29036 |
| Ion      | Ratio | Lower | Upper |
| 107      | 100   |       |       |
| 108      | 87.1  | 66.8  | 106.8 |
| 77       | 39.0  | 20.5  | 60.5  |
| 79       | 31.3  | 15.8  | 55.8  |

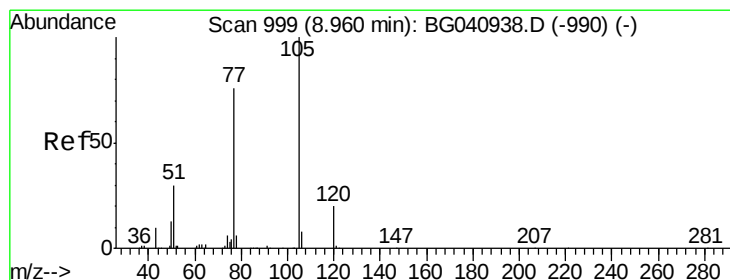
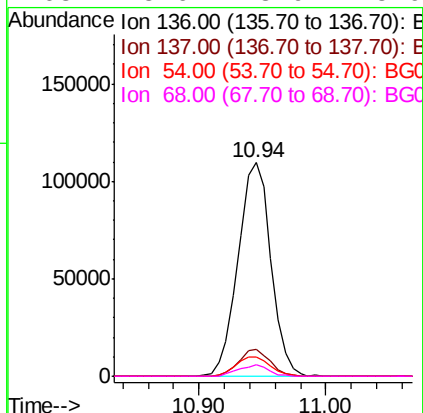
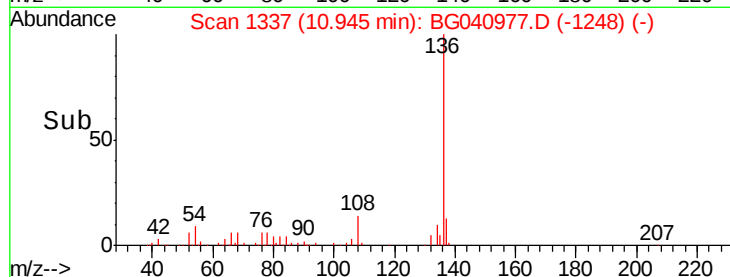
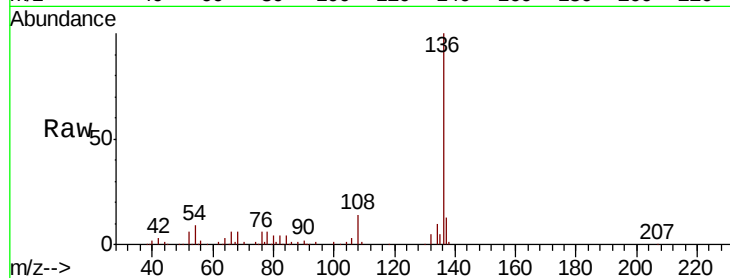




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.94 min Scan# 1337  
Delta R.T. -0.01 min  
Lab File: BG040977.D  
Acq: 31 May 2019 14:03

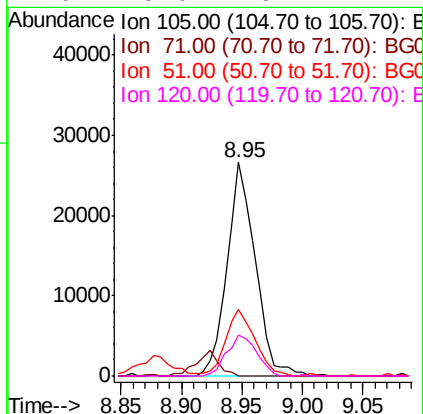
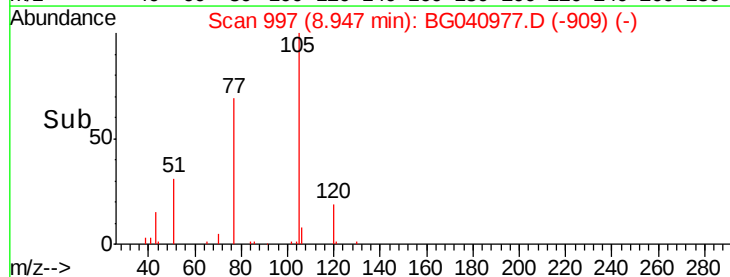
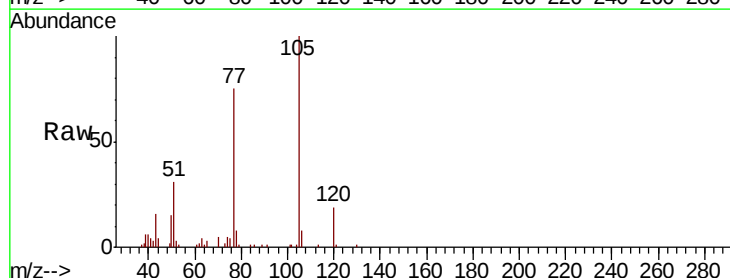
Instrument :  
BNA\_G  
ClientSampleId :  
LOD-MDL-SOIL-01-QT2-2019

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 136   | Resp: | 196722 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 12.5  | 9.5   | 14.3   |
| 54       | 9.1   | 7.6   | 11.4   |
| 68       | 5.6   | 3.9   | 5.9    |



#22  
Acetophenone  
Concen: 7.800 ng  
RT: 8.95 min Scan# 997  
Delta R.T. -0.01 min  
Lab File: BG040977.D  
Acq: 31 May 2019 14:03

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 105   | Resp: | 43044 |
| Ion      | Ratio | Lower | Upper |
| 105      | 100   |       |       |
| 71       | 0.0   | 0.4   | 0.6#  |
| 51       | 31.1  | 27.0  | 40.6  |
| 120      | 19.0  | 16.2  | 24.4  |

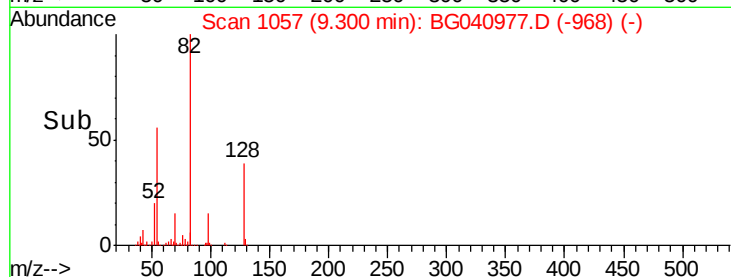
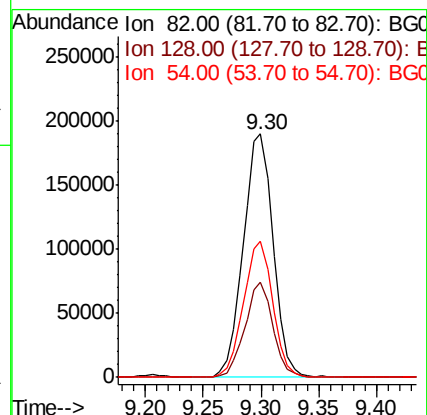
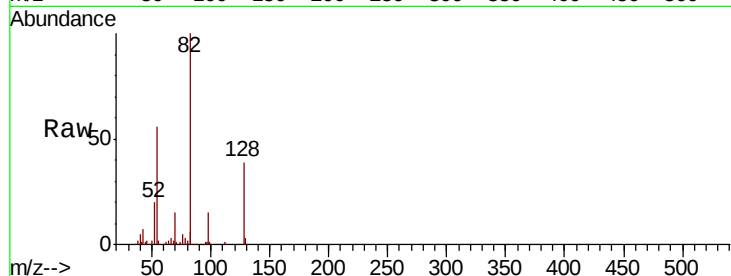




#23  
 Nitrobenzene-d5  
 Concen: 76.779 ng  
 RT: 9.30 min Scan# 1057  
 Delta R.T. -0.01 min  
 Lab File: BG040977.D  
 Acq: 31 May 2019 14:03

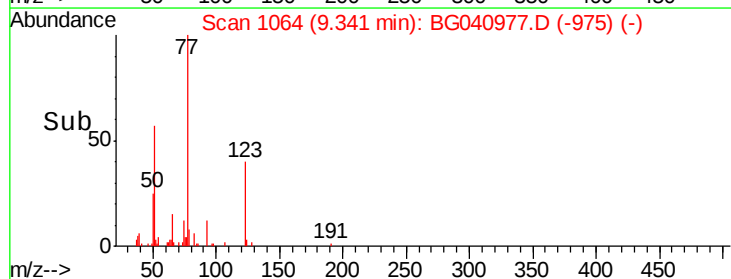
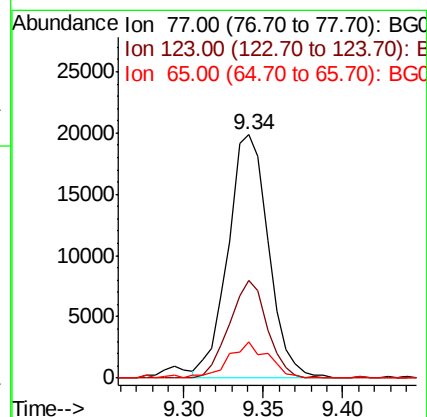
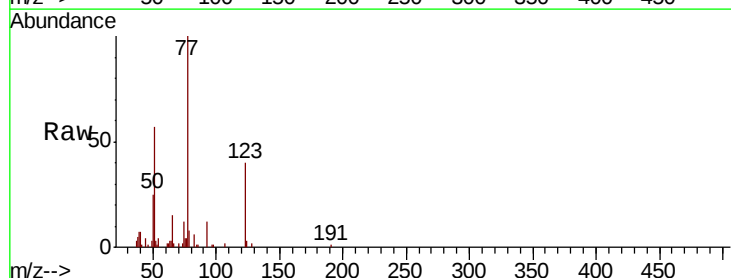
Instrument :  
 BNA\_G  
 ClientSampleId :  
 LOD-MDL-SOIL-01-QT2-2019

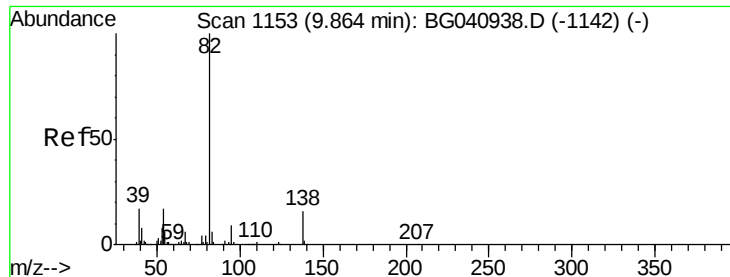
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 39.3  | 30.5  | 45.7  |
| 54      | 55.9  | 44.6  | 66.8  |



#24  
 Nitrobenzene  
 Concen: 7.790 ng  
 RT: 9.34 min Scan# 1064  
 Delta R.T. -0.01 min  
 Lab File: BG040977.D  
 Acq: 31 May 2019 14:03

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 123     | 40.3  | 30.6  | 46.0  |
| 65      | 14.7  | 12.3  | 18.5  |

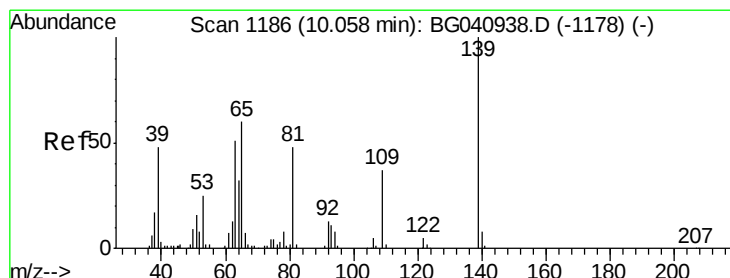
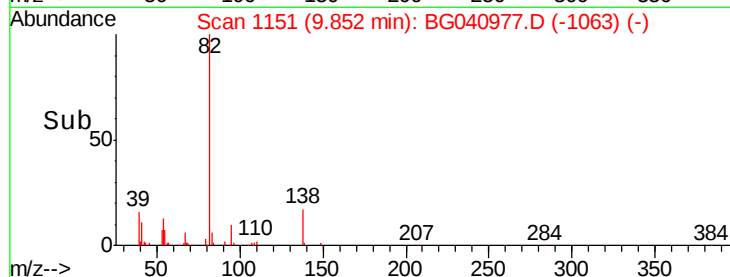
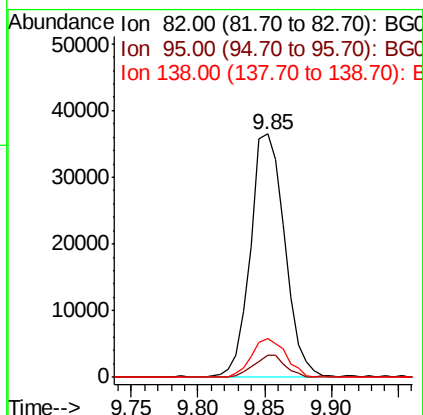
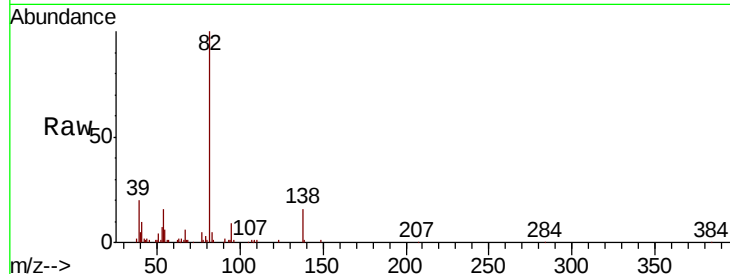




#25  
Isophorone  
Concen: 7.659 ng  
RT: 9.85 min Scan# 1151  
Delta R.T. -0.01 min  
Lab File: BG040977.D  
Acq: 31 May 2019 14:03

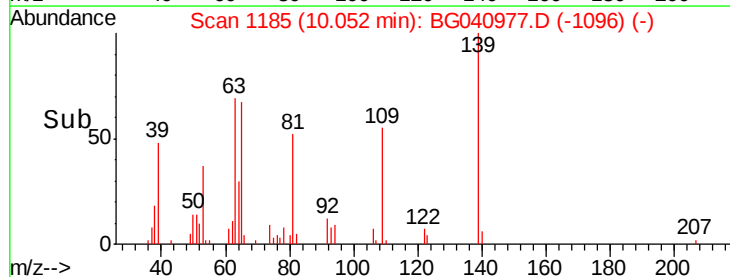
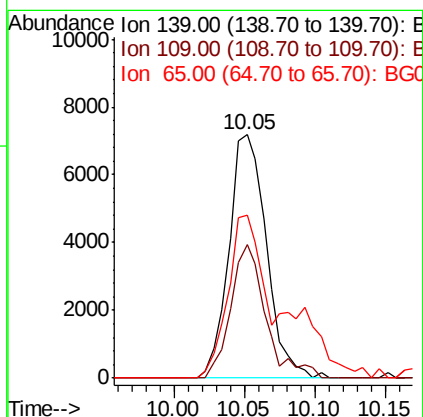
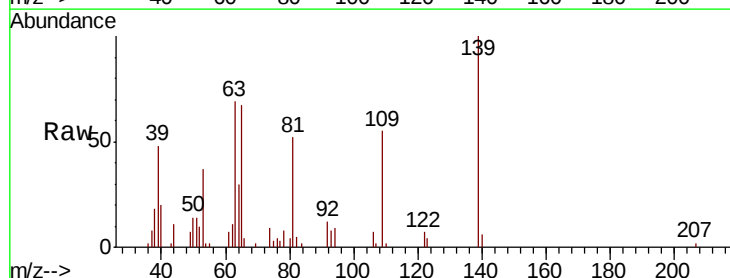
Instrument :  
BNA\_G  
ClientSampleId :  
LOD-MDL-SOIL-01-QT2-2019

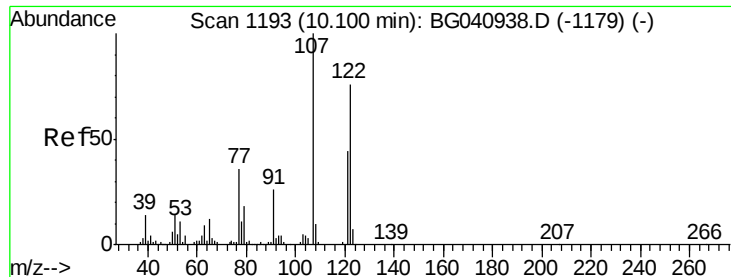
Tgt Ion: 82 Resp: 64592  
Ion Ratio Lower Upper  
82 100  
95 9.2 7.0 10.4  
138 15.8 12.6 19.0



#26  
2-Nitrophenol  
Concen: 7.126 ng  
RT: 10.05 min Scan# 1185  
Delta R.T. -0.01 min  
Lab File: BG040977.D  
Acq: 31 May 2019 14:03

Tgt Ion: 139 Resp: 13266  
Ion Ratio Lower Upper  
139 100  
109 54.7 29.8 44.6#  
65 66.8 47.8 71.6

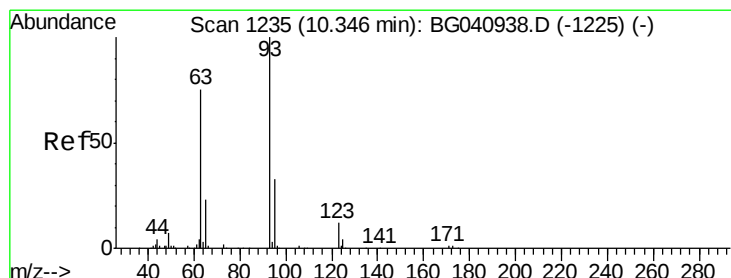
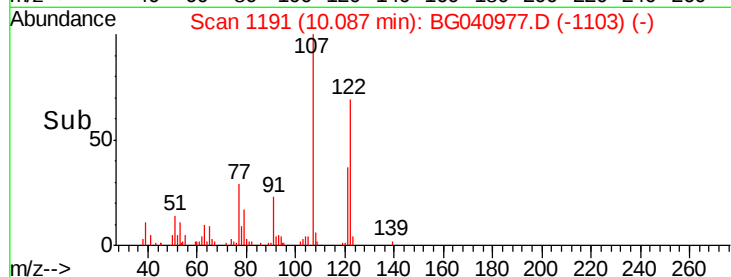
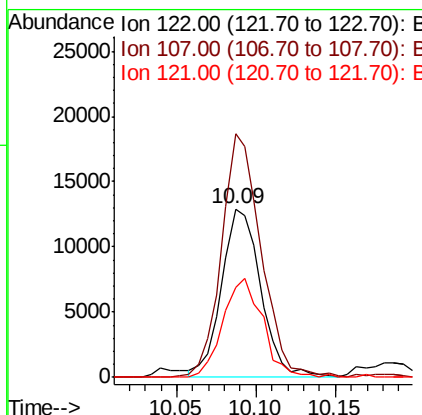
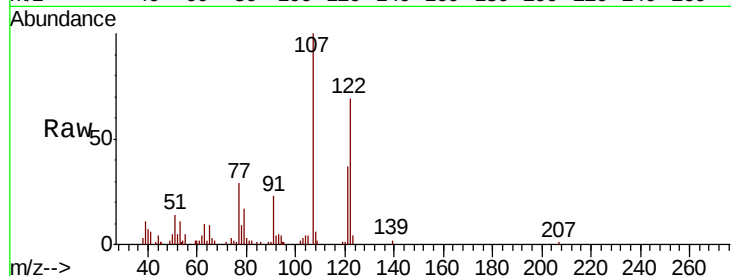




#27  
 2,4-Dimethylphenol  
 Concen: 7.208 ng  
 RT: 10.09 min Scan# 1191  
 Delta R.T. -0.01 min  
 Lab File: BG040977.D  
 Acq: 31 May 2019 14:03

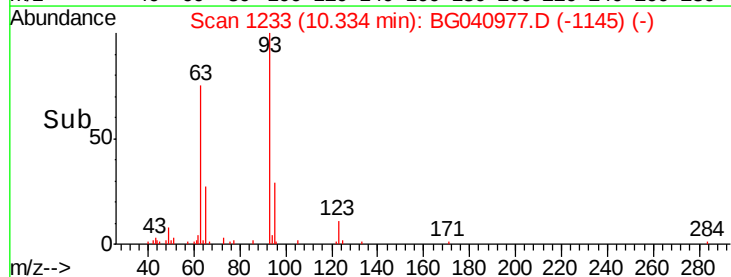
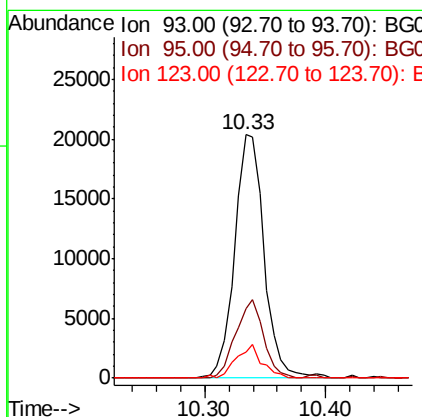
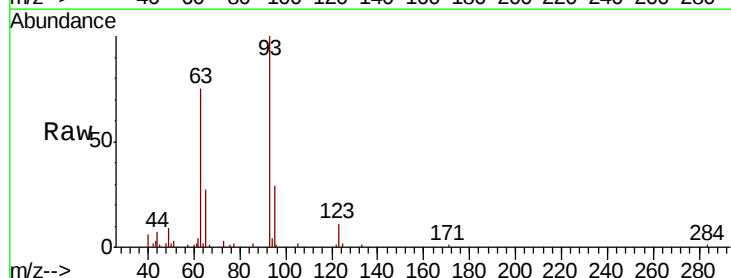
Instrument :  
 BNA\_G  
 ClientSampleId :  
 LOD-MDL-SOIL-01-QT2-2019

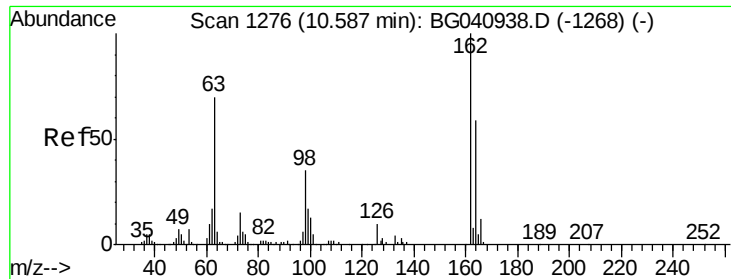
Tgt Ion:122 Resp: 22161  
 Ion Ratio Lower Upper  
 122 100  
 107 144.9 105.9 158.9  
 121 53.9 46.2 69.4



#28  
 bis(2-Chloroethoxy)methane  
 Concen: 7.608 ng  
 RT: 10.33 min Scan# 1233  
 Delta R.T. -0.01 min  
 Lab File: BG040977.D  
 Acq: 31 May 2019 14:03

Tgt Ion: 93 Resp: 34627  
 Ion Ratio Lower Upper  
 93 100  
 95 28.7 26.2 39.2  
 123 10.6 9.5 14.3

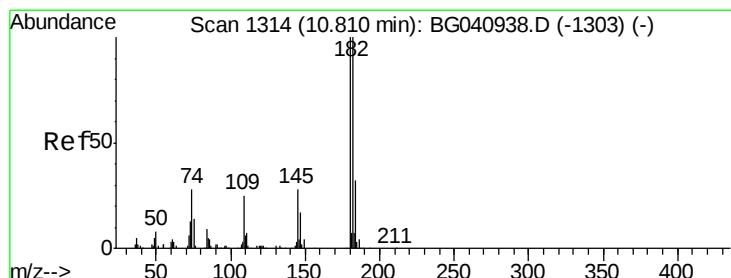
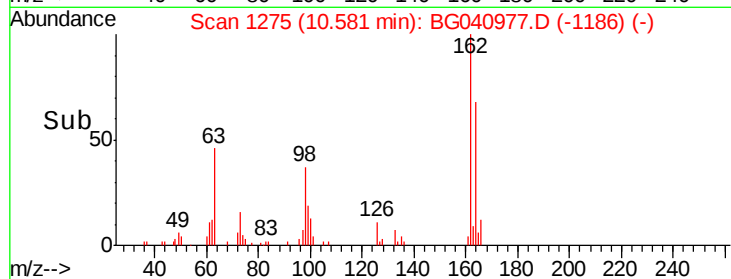
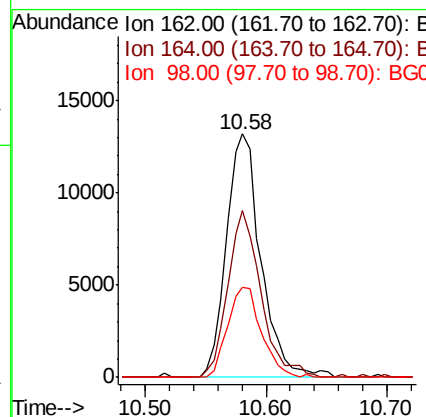
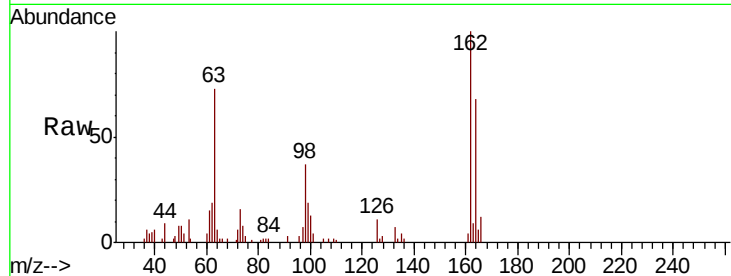




#29  
2,4-Dichlorophenol  
Concen: 6.701 ng  
RT: 10.58 min Scan# 1275  
Delta R.T. -0.01 min  
Lab File: BG040977.D  
Acq: 31 May 2019 14:03

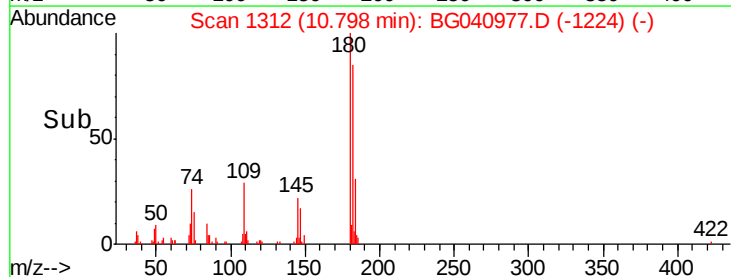
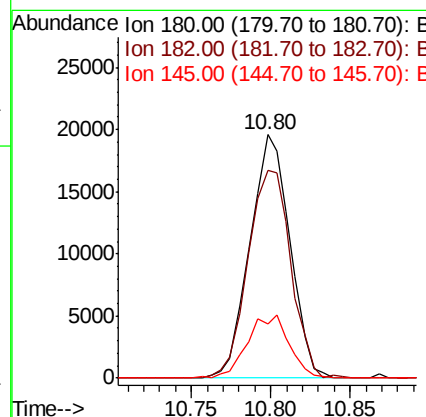
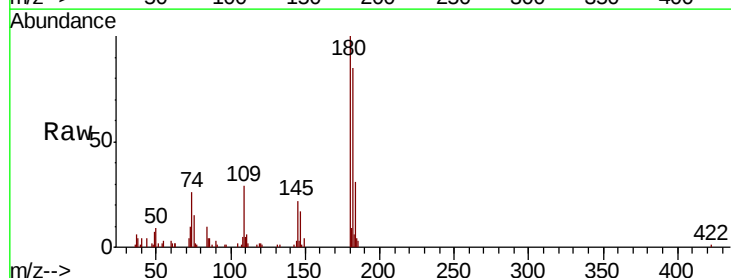
Instrument :  
BNA\_G  
ClientSampleId :  
LOD-MDL-SOIL-01-QT2-2019

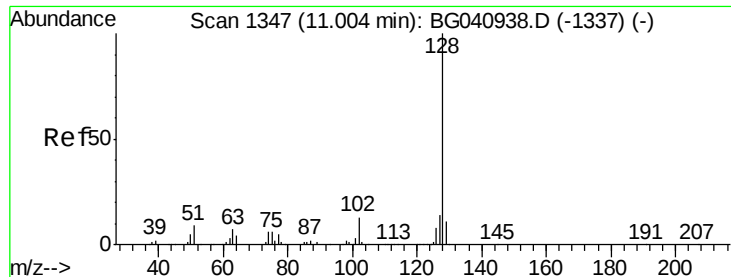
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 68.3  | 39.4  | 79.4  |
| 98      | 36.9  | 15.3  | 55.3  |



#30  
1,2,4-Trichlorobenzene  
Concen: 7.714 ng  
RT: 10.80 min Scan# 1312  
Delta R.T. -0.01 min  
Lab File: BG040977.D  
Acq: 31 May 2019 14:03

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 85.2  | 79.7  | 119.5 |
| 145     | 22.2  | 22.6  | 34.0# |

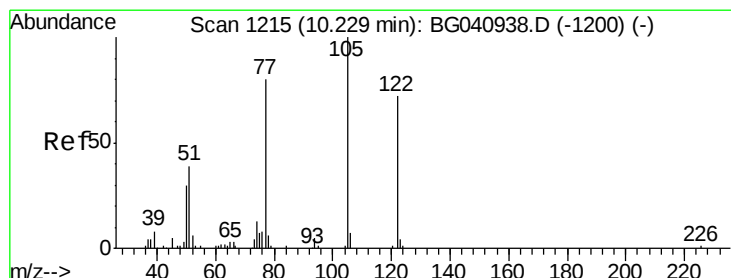
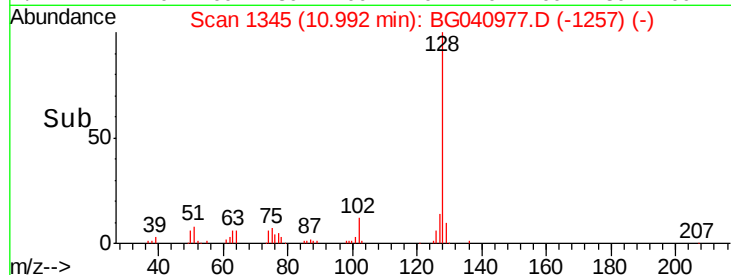
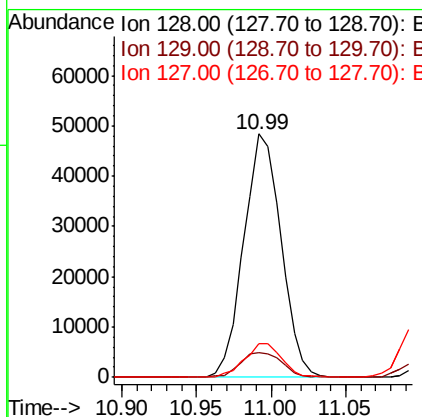
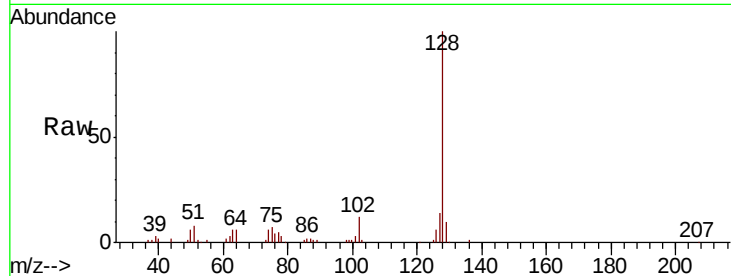




#31  
Naphthalene  
Concen: 7.936 ng  
RT: 10.99 min Scan# 1345  
Delta R.T. -0.01 min  
Lab File: BG040977.D  
Acq: 31 May 2019 14:03

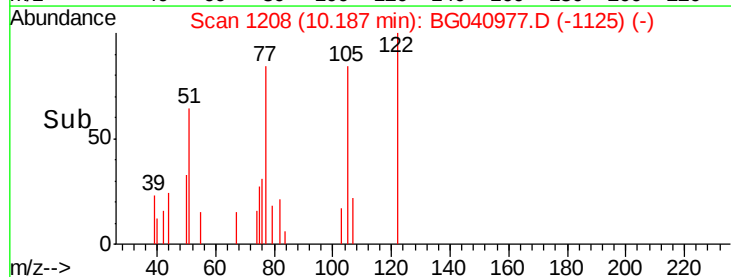
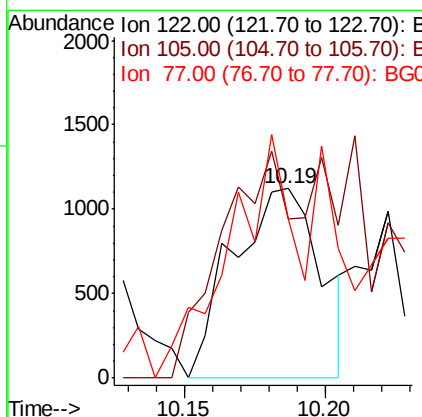
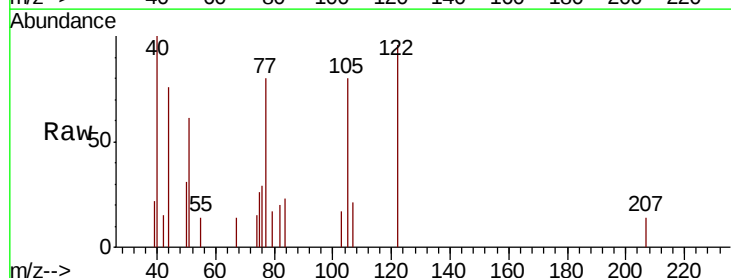
Instrument :  
BNA\_G  
ClientSampleId :  
LOD-MDL-SOIL-01-QT2-2019

Tgt Ion:128 Resp: 83819  
Ion Ratio Lower Upper  
128 100  
129 10.0 8.5 12.7  
127 13.6 11.4 17.2



#32  
Benzoic acid  
Concen: 8.980 ng  
RT: 10.19 min Scan# 1208  
Delta R.T. -0.04 min  
Lab File: BG040977.D  
Acq: 31 May 2019 14:03

Tgt Ion:122 Resp: 2445  
Ion Ratio Lower Upper  
122 100  
105 84.0 114.8 154.8#  
77 83.8 89.9 129.9#

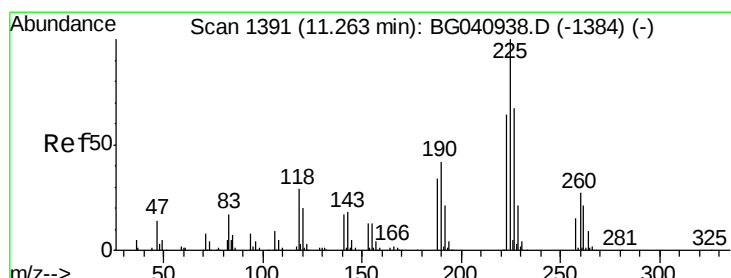
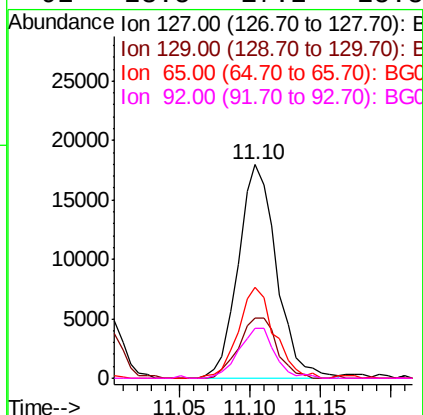
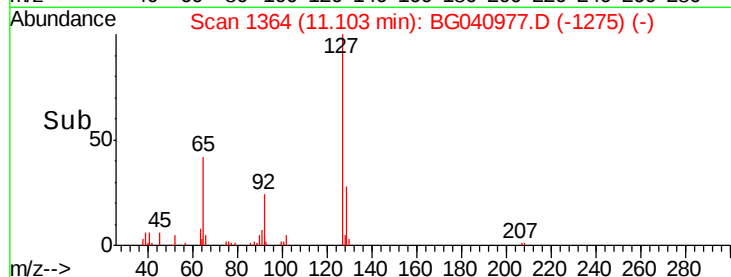
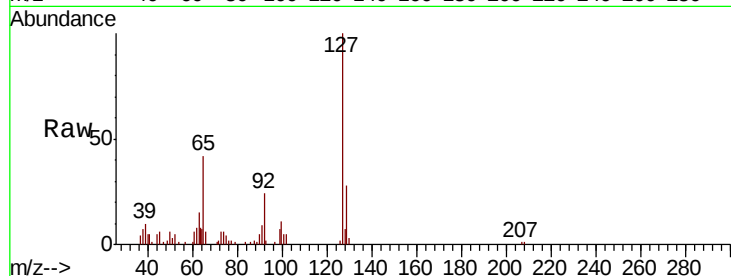




#33  
4-Chloroaniline  
Concen: 6.966 ng  
RT: 11.10 min Scan# 1364  
Delta R.T. -0.01 min  
Lab File: BG040977.D  
Acq: 31 May 2019 14:03

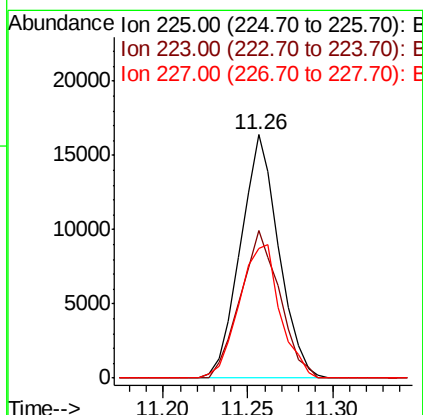
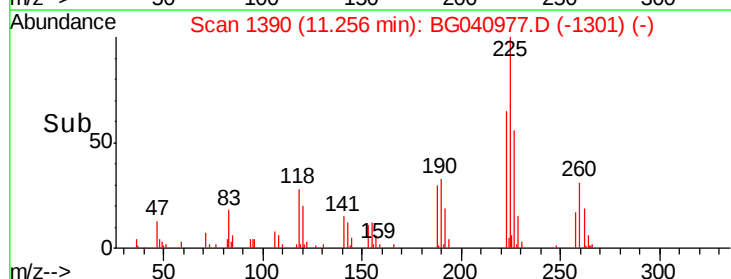
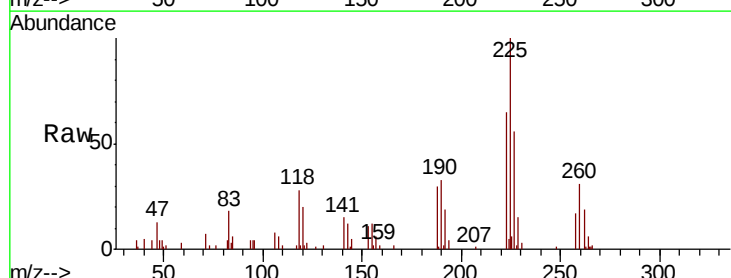
Instrument :  
BNA\_G  
ClientSampleId :  
LOD-MDL-SOIL-01-QT2-2019

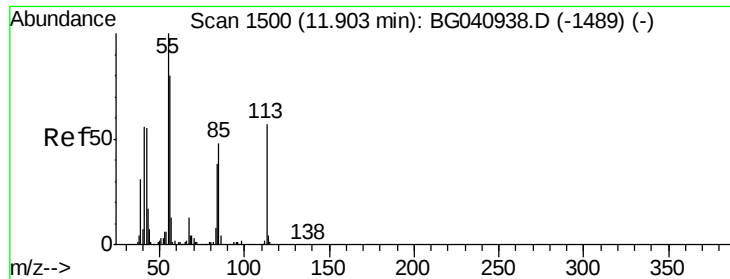
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 127   | Resp: | 34140 |
| Ion      | Ratio | Lower | Upper |
| 127      | 100   |       |       |
| 129      | 28.0  | 27.7  | 41.5  |
| 65       | 42.3  | 33.2  | 49.8  |
| 92       | 23.5  | 17.2  | 25.8  |



#34  
Hexachlorobutadiene  
Concen: 7.583 ng  
RT: 11.26 min Scan# 1390  
Delta R.T. -0.01 min  
Lab File: BG040977.D  
Acq: 31 May 2019 14:03

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 225   | Resp: | 25772 |
| Ion      | Ratio | Lower | Upper |
| 225      | 100   |       |       |
| 223      | 60.8  | 48.8  | 73.2  |
| 227      | 54.8  | 51.4  | 77.0  |

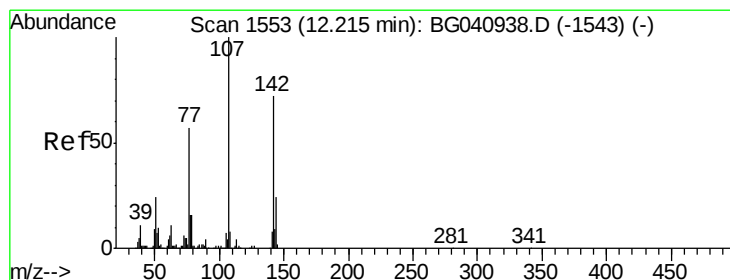
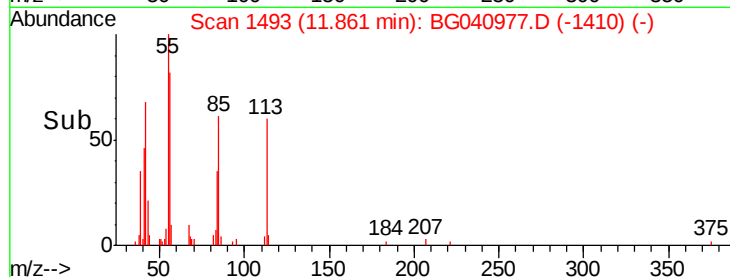
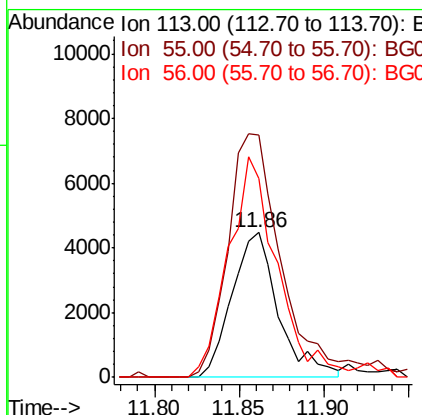
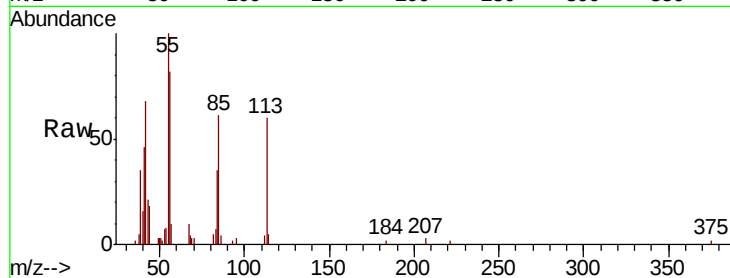




#35  
 Caprolactam  
 Concen: 6.641 ng  
 RT: 11.86 min Scan# 1493  
 Delta R.T. -0.04 min  
 Lab File: BG040977.D  
 Acq: 31 May 2019 14:03

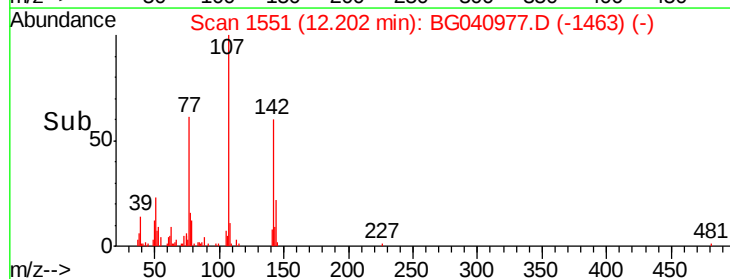
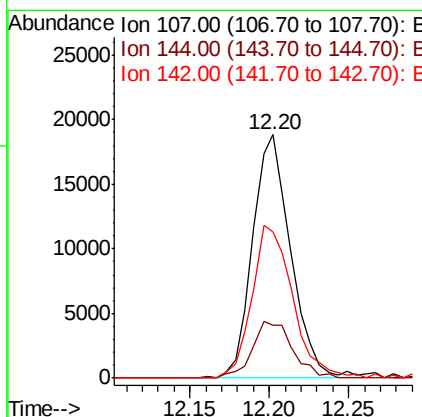
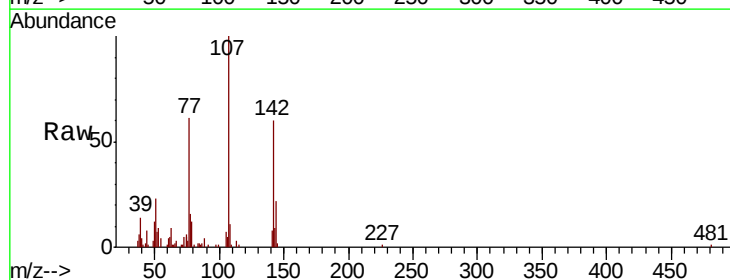
Instrument :  
 BNA\_G  
 ClientSampleId :  
 LOD-MDL-SOIL-01-QT2-2019

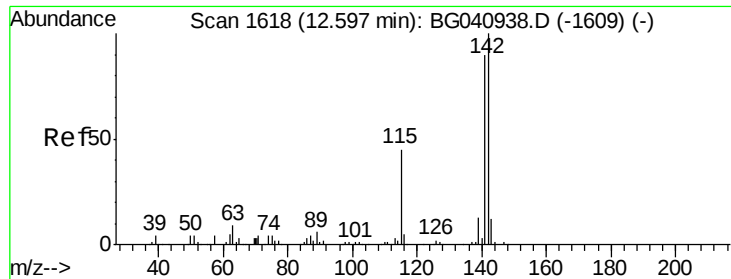
Tgt Ion:113 Resp: 8563  
 Ion Ratio Lower Upper  
 113 100  
 55 167.3 155.9 195.9  
 56 137.2 119.9 159.9



#36  
 4-Chloro-3-methylphenol  
 Concen: 7.006 ng  
 RT: 12.20 min Scan# 1551  
 Delta R.T. -0.01 min  
 Lab File: BG040977.D  
 Acq: 31 May 2019 14:03

Tgt Ion:107 Resp: 31241  
 Ion Ratio Lower Upper  
 107 100  
 144 21.9 19.4 29.0  
 142 59.9 57.3 85.9

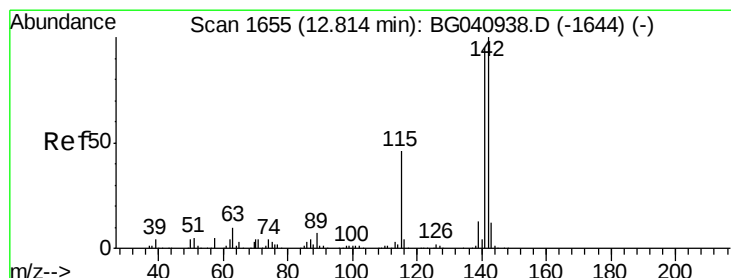
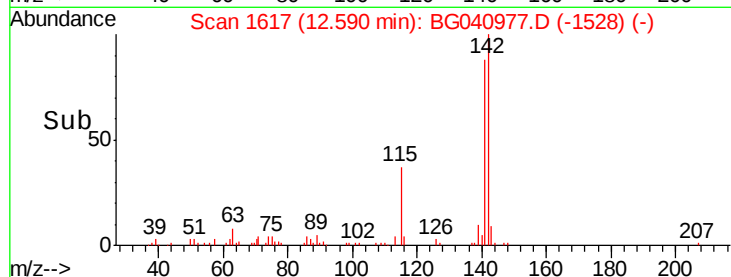
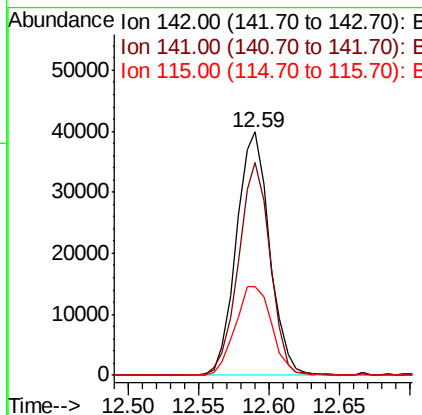
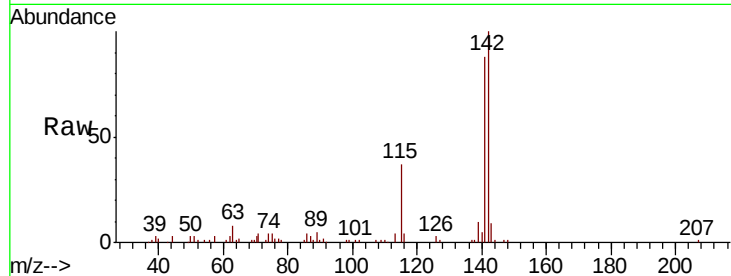




#37  
2-Methylnaphthalene  
Concen: 8.017 ng  
RT: 12.59 min Scan# 1617  
Delta R.T. -0.01 min  
Lab File: BG040977.D  
Acq: 31 May 2019 14:03

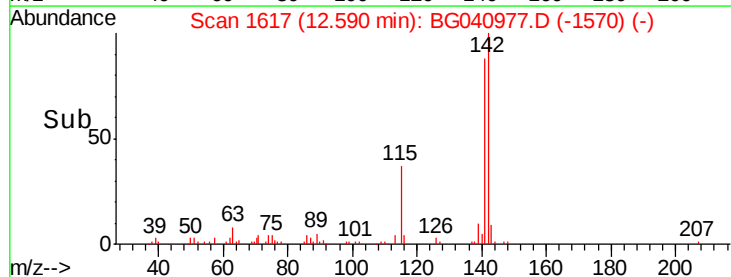
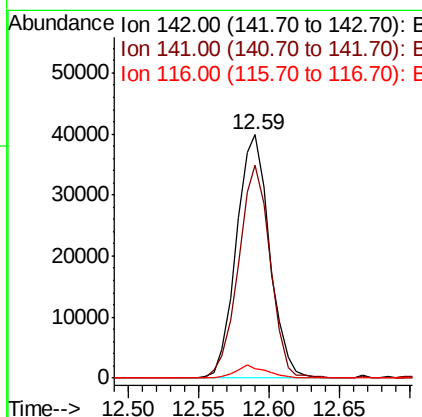
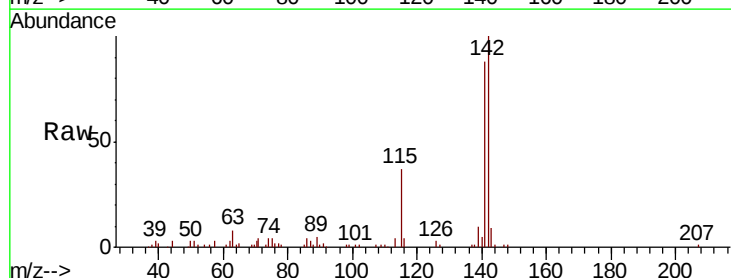
Instrument :  
BNA\_G  
ClientSampleId :  
LOD-MDL-SOIL-01-QT2-2019

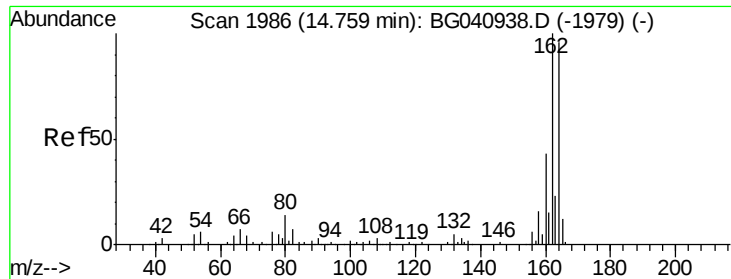
Tgt Ion:142 Resp: 65219  
Ion Ratio Lower Upper  
142 100  
141 87.5 72.2 108.4  
115 36.6 36.2 54.4



#38  
1-Methylnaphthalene  
Concen: 8.508 ng  
RT: 12.59 min Scan# 1617  
Delta R.T. -0.22 min  
Lab File: BG040977.D  
Acq: 31 May 2019 14:03

Tgt Ion:142 Resp: 65219  
Ion Ratio Lower Upper  
142 100  
141 87.5 75.7 113.5  
116 3.7 3.4 5.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.75 min Scan# 1985

Delta R.T. -0.01 min

Lab File: BG040977.D

Acq: 31 May 2019 14:03

Instrument :

BNA\_G

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2019

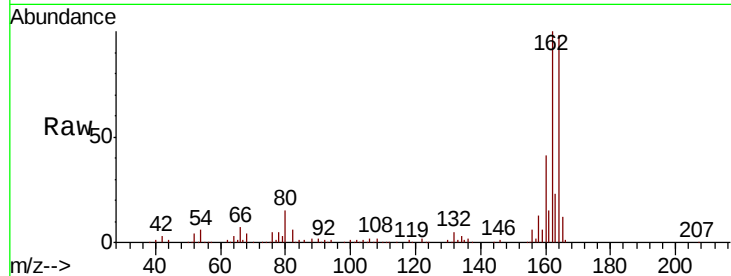
Tgt Ion:164 Resp: 147034

Ion Ratio Lower Upper

164 100

162 101.5 83.0 124.4

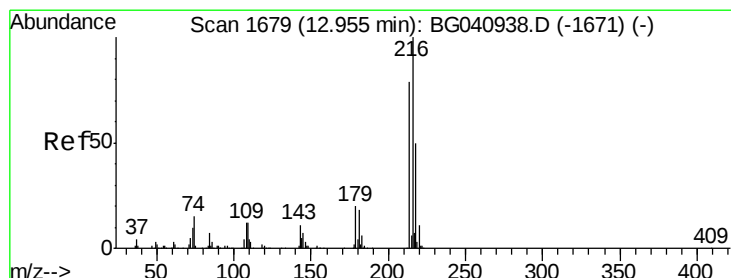
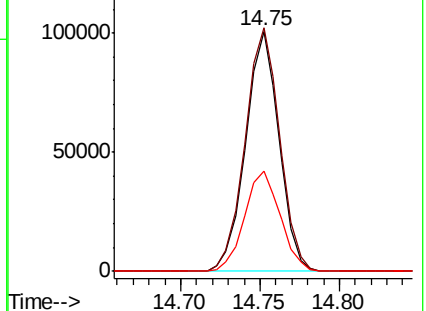
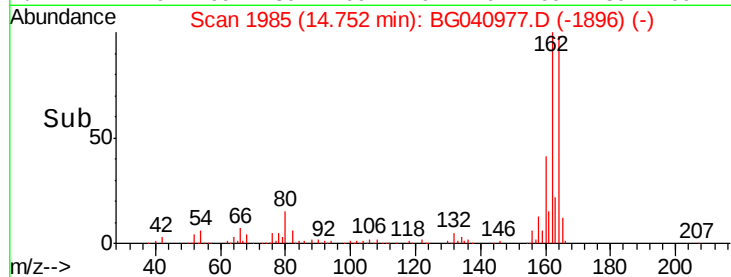
160 42.0 35.6 53.4



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 7.757 ng

RT: 12.94 min Scan# 1677

Delta R.T. -0.01 min

Lab File: BG040977.D

Acq: 31 May 2019 14:03

Tgt Ion:216 Resp: 45970

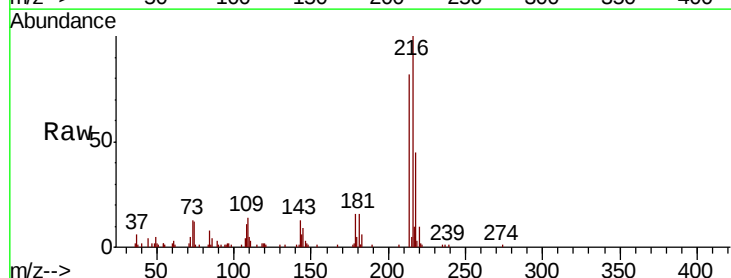
Ion Ratio Lower Upper

216 100

214 78.7 63.4 95.2

179 19.3 15.2 22.8

108 14.6 11.4 17.2

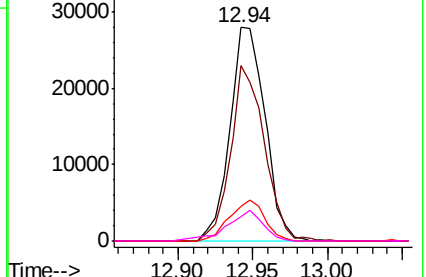
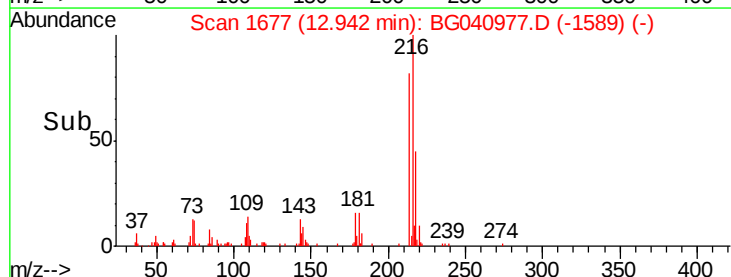


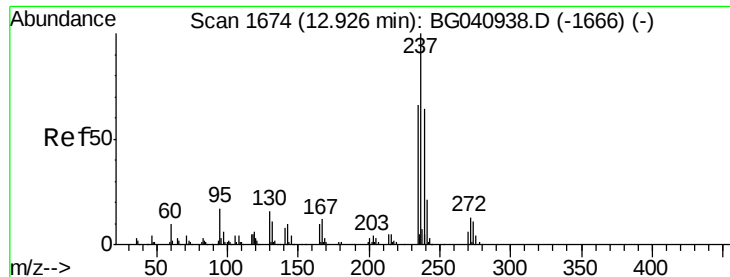
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 13.374 ng

RT: 12.91 min Scan# 1672

Delta R.T. -0.01 min

Lab File: BG040977.D

Acq: 31 May 2019 14:03

Instrument :

BNA\_G

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2019

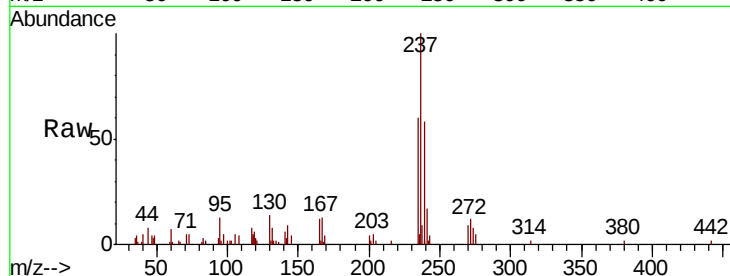
Tgt Ion:237 Resp: 18248

Ion Ratio Lower Upper

237 100

235 60.1 45.5 85.5

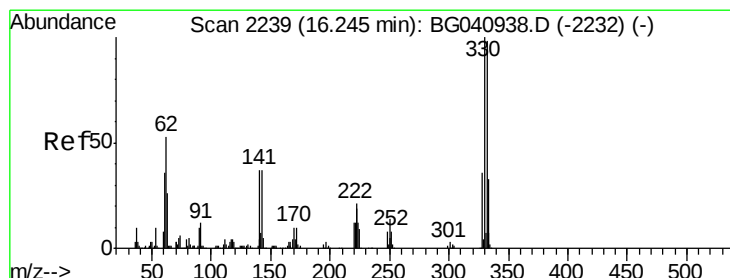
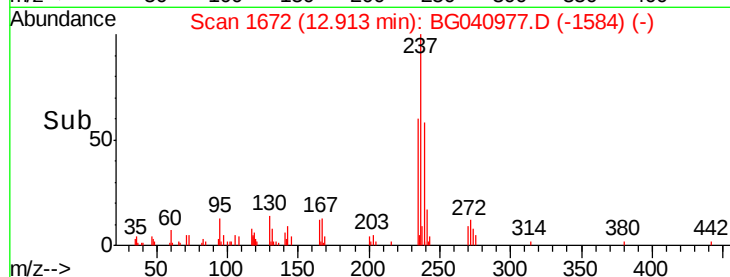
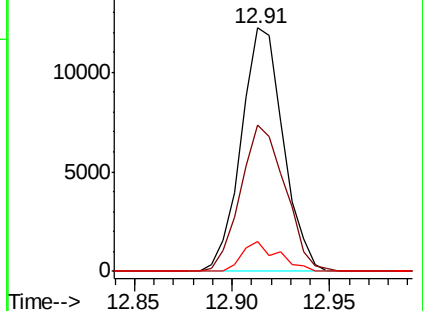
272 12.0 0.0 32.9



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 123.924 ng

RT: 16.24 min Scan# 2238

Delta R.T. -0.01 min

Lab File: BG040977.D

Acq: 31 May 2019 14:03

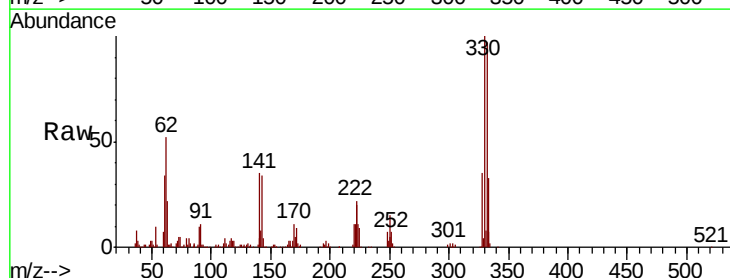
Tgt Ion:330 Resp: 270505

Ion Ratio Lower Upper

330 100

332 95.8 78.5 117.7

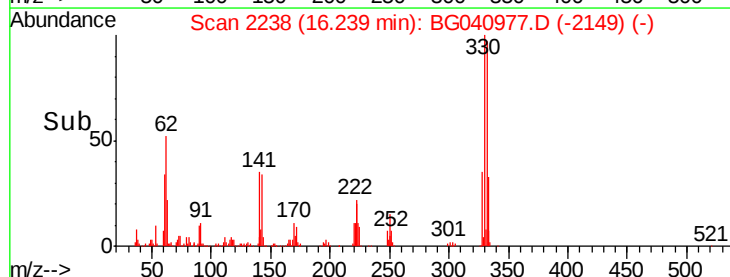
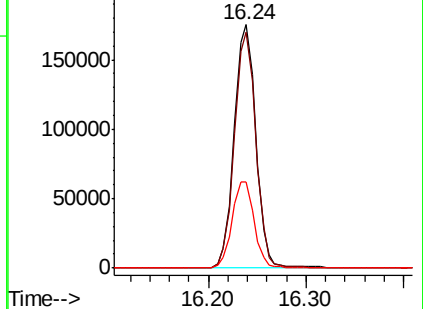
141 36.2 28.7 43.1

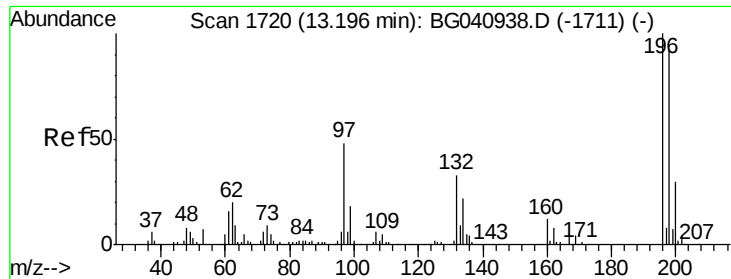


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

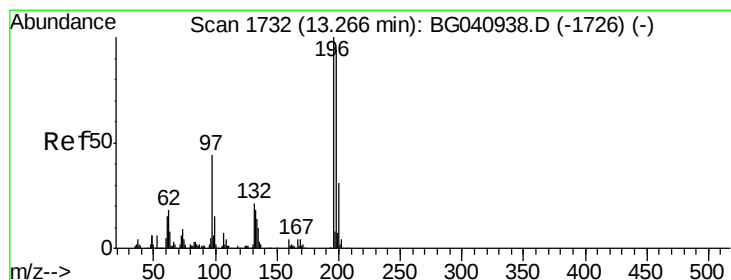
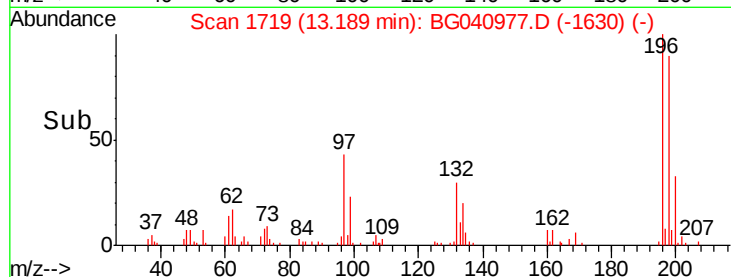
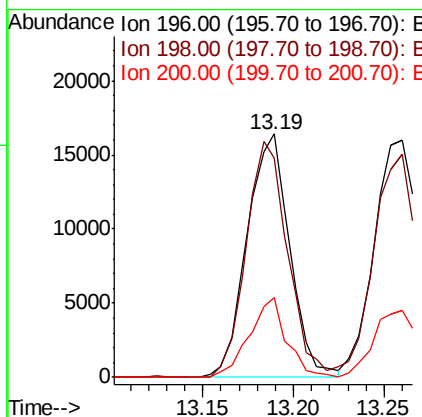
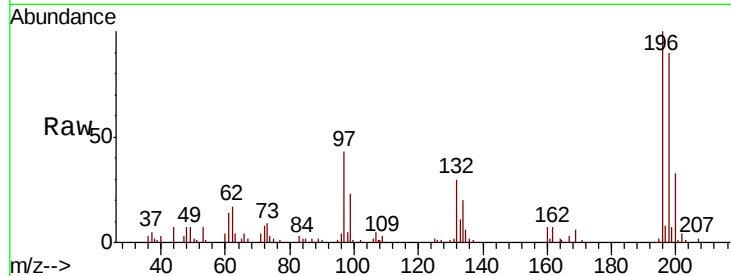




#43  
 2,4,6-Trichlorophenol  
 Concen: 7.007 ng  
 RT: 13.19 min Scan# 1719  
 Delta R.T. -0.01 min  
 Lab File: BG040977.D  
 Acq: 31 May 2019 14:03

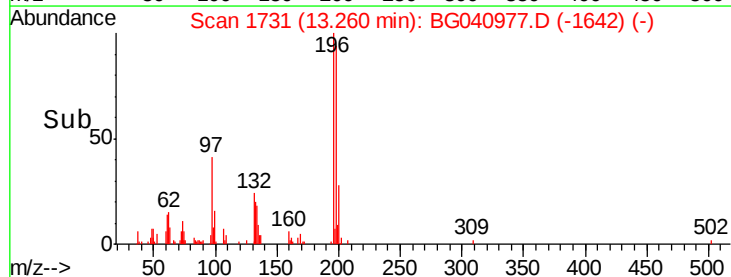
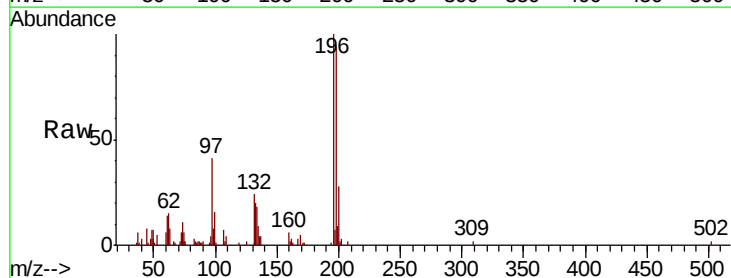
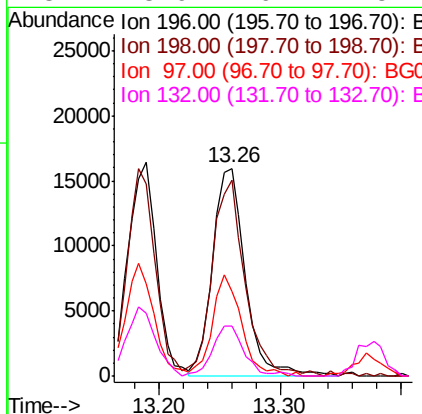
Instrument :  
 BNA\_G  
 ClientSampleId :  
 LOD-MDL-SOIL-01-QT2-2019

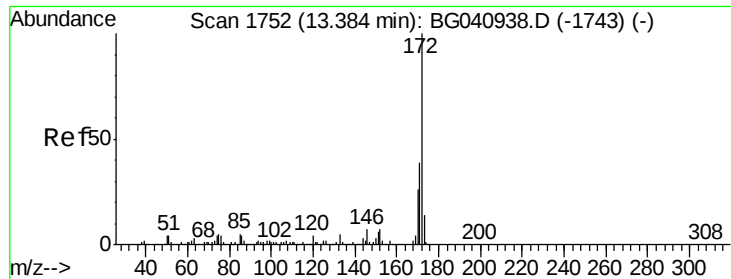
Tgt Ion:196 Resp: 26862  
 Ion Ratio Lower Upper  
 196 100  
 198 89.8 73.8 110.6  
 200 34.1 24.1 36.1



#44  
 2,4,5-Trichlorophenol  
 Concen: 7.399 ng  
 RT: 13.26 min Scan# 1731  
 Delta R.T. -0.01 min  
 Lab File: BG040977.D  
 Acq: 31 May 2019 14:03

Tgt Ion:196 Resp: 29917  
 Ion Ratio Lower Upper  
 196 100  
 198 94.2 75.1 112.7  
 97 40.9 35.6 53.4  
 132 23.9 16.7 25.1

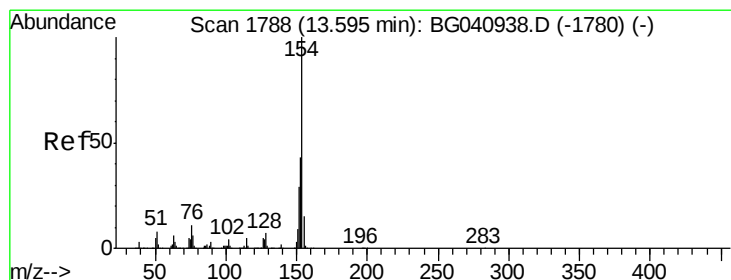
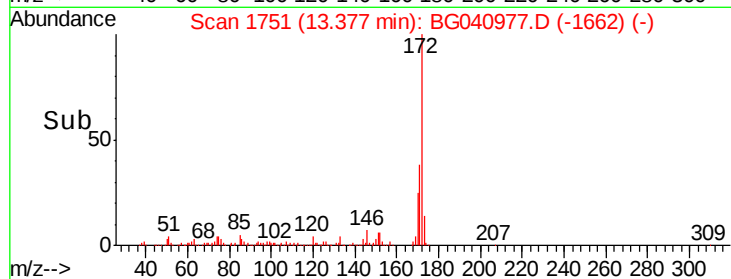
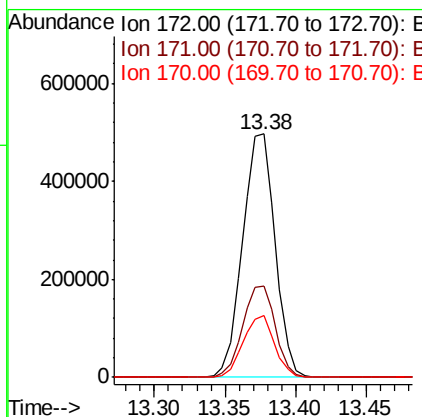
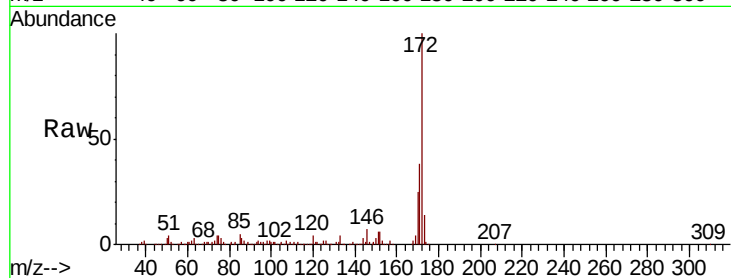




#45  
2-Fluorobiphenyl  
Concen: 78.511 ng  
RT: 13.38 min Scan# 1751  
Delta R.T. -0.01 min  
Lab File: BG040977.D  
Acq: 31 May 2019 14:03

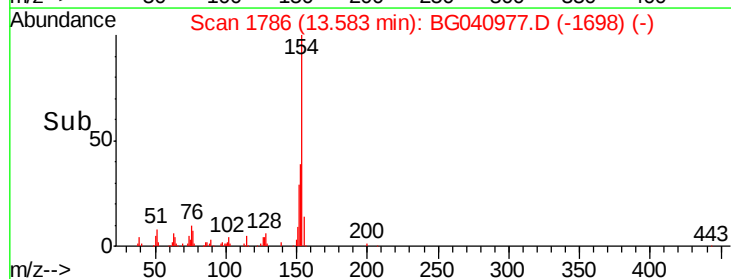
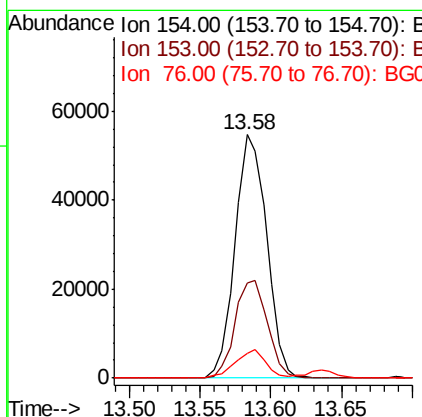
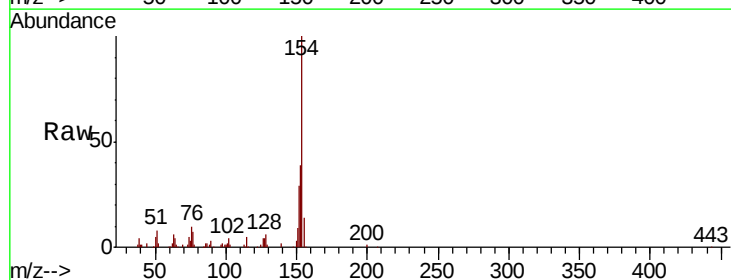
Instrument :  
BNA\_G  
ClientSampleId :  
LOD-MDL-SOIL-01-QT2-2019

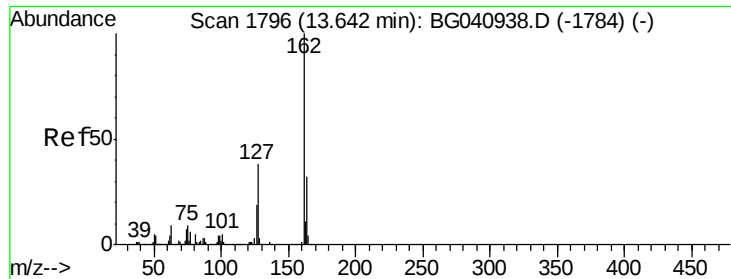
Tgt Ion:172 Resp: 801597  
Ion Ratio Lower Upper  
172 100  
171 37.5 31.1 46.7  
170 25.2 20.5 30.7



#46  
1,1'-Biphenyl  
Concen: 7.877 ng  
RT: 13.58 min Scan# 1786  
Delta R.T. -0.01 min  
Lab File: BG040977.D  
Acq: 31 May 2019 14:03

Tgt Ion:154 Resp: 85727  
Ion Ratio Lower Upper  
154 100  
153 39.0 23.3 63.3  
76 10.3 0.0 31.1

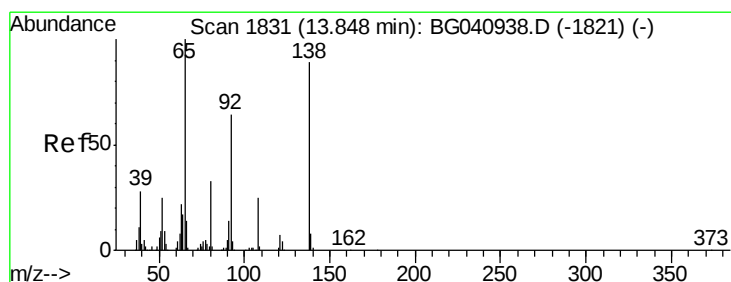
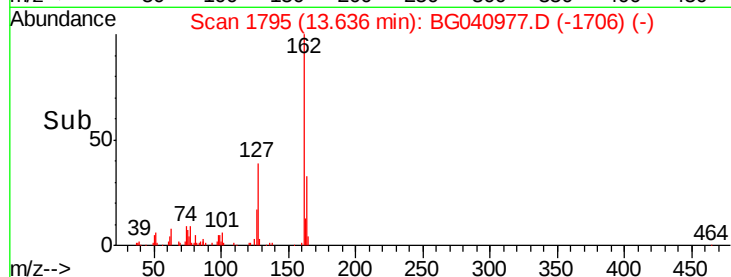
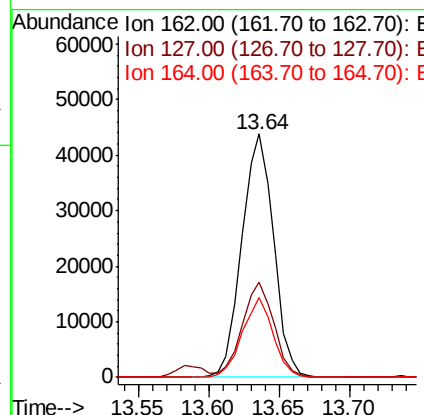
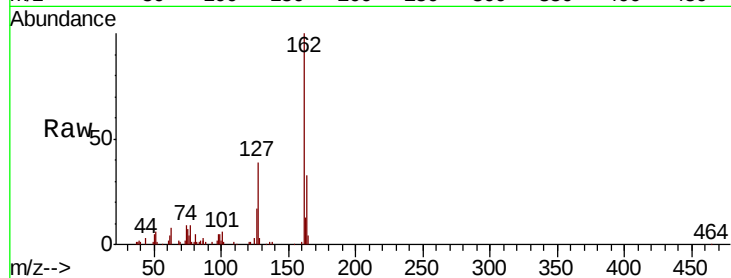




#47  
2-Chloronaphthalene  
Concen: 7.384 ng  
RT: 13.64 min Scan# 1795  
Delta R.T. -0.01 min  
Lab File: BG040977.D  
Acq: 31 May 2019 14:03

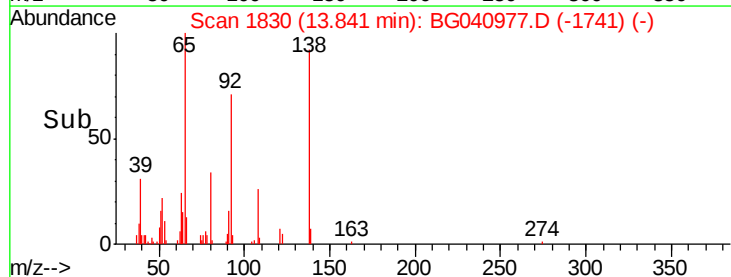
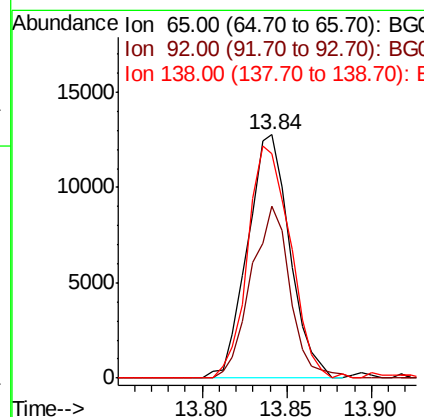
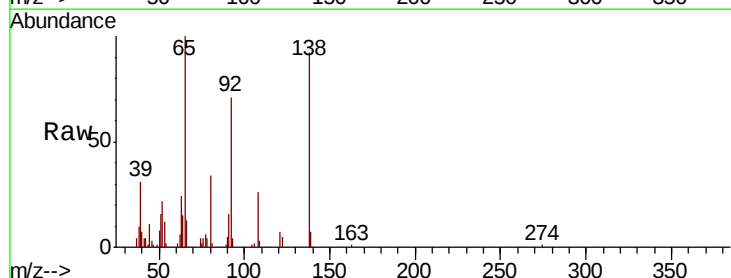
Instrument :  
BNA\_G  
ClientSampleId :  
LOD-MDL-SOIL-01-QT2-2019

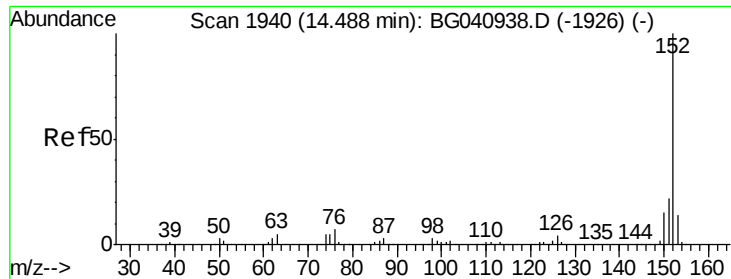
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 38.9  | 30.5  | 45.7  |
| 164     | 32.8  | 25.8  | 38.6  |



#48  
2-Nitroaniline  
Concen: 6.607 ng  
RT: 13.84 min Scan# 1830  
Delta R.T. -0.01 min  
Lab File: BG040977.D  
Acq: 31 May 2019 14:03

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 70.5  | 51.0  | 76.6  |
| 138     | 92.0  | 71.2  | 106.8 |





#49

Acenaphthylene

Concen: 7.777 ng

RT: 14.48 min Scan# 1938

Delta R.T. -0.01 min

Lab File: BG040977.D

Acq: 31 May 2019 14:03

Instrument :

BNA\_G

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2019

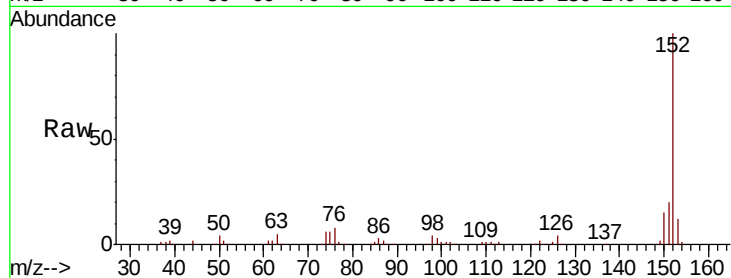
Tgt Ion:152 Resp: 109363

Ion Ratio Lower Upper

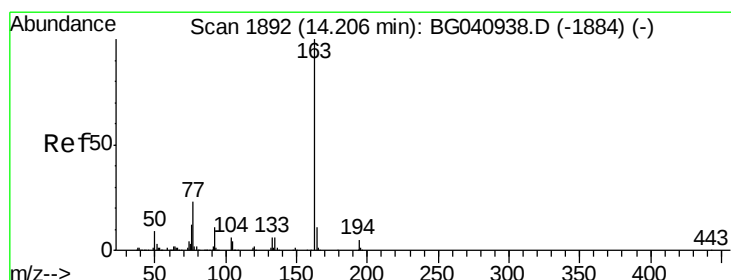
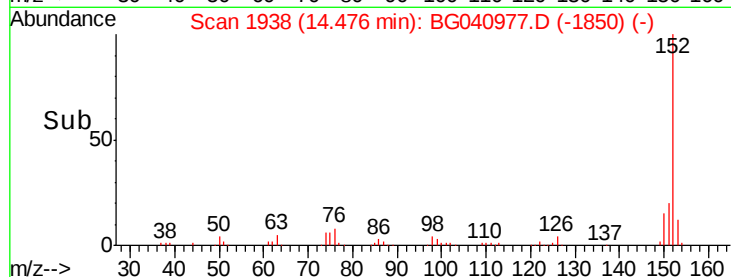
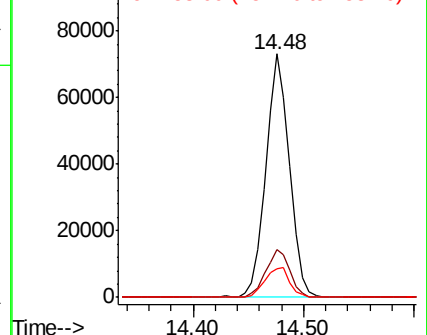
152 100

151 19.5 17.4 26.0

153 11.8 11.0 16.4



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: 7.501 ng

RT: 14.19 min Scan# 1890

Delta R.T. -0.01 min

Lab File: BG040977.D

Acq: 31 May 2019 14:03

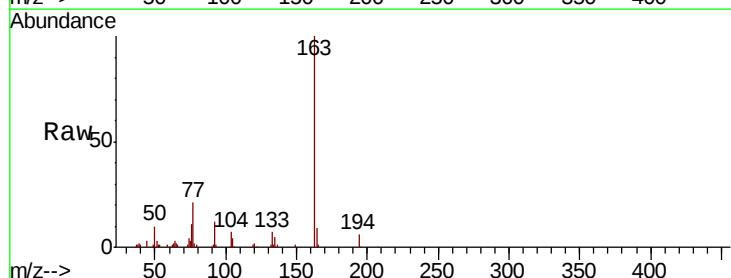
Tgt Ion:163 Resp: 93362

Ion Ratio Lower Upper

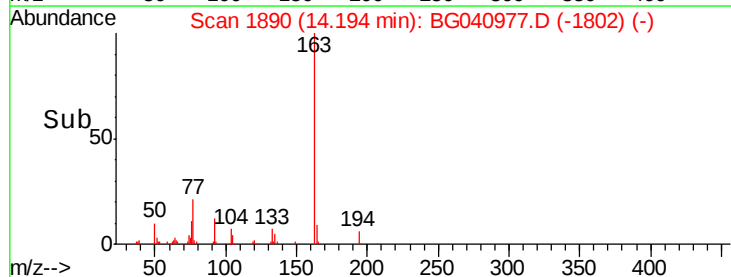
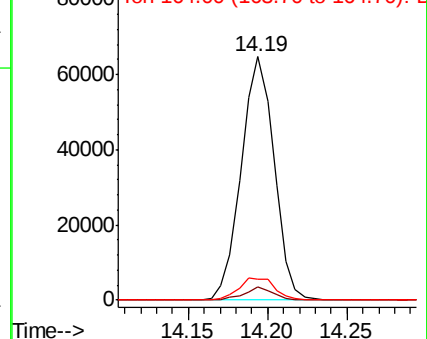
163 100

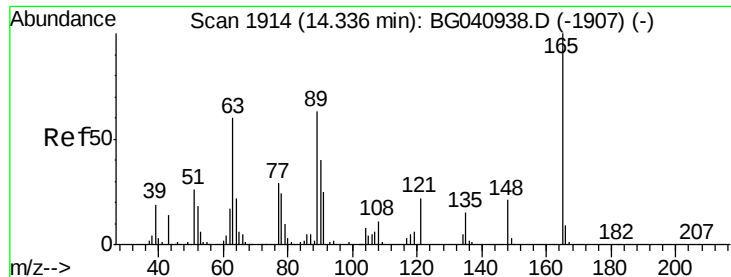
194 5.6 3.8 5.8

164 8.7 8.7 13.1



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

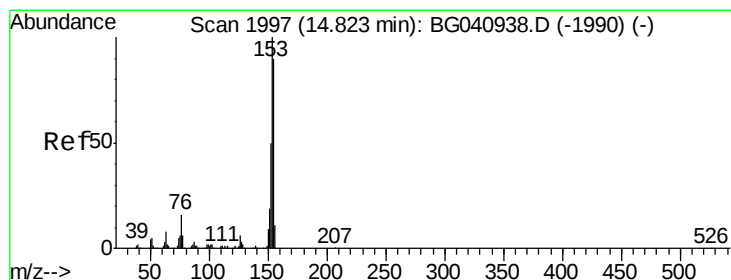
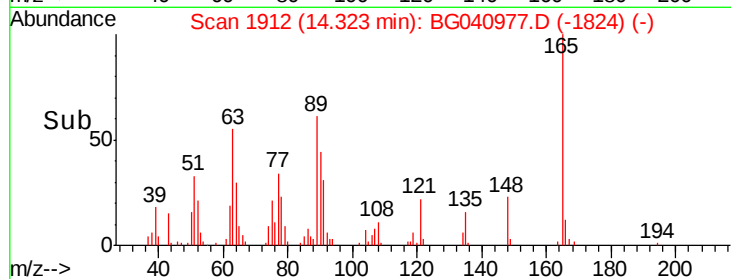
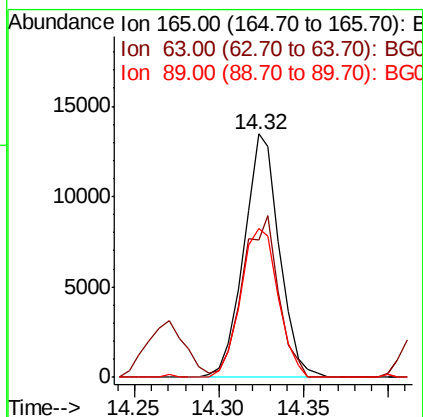
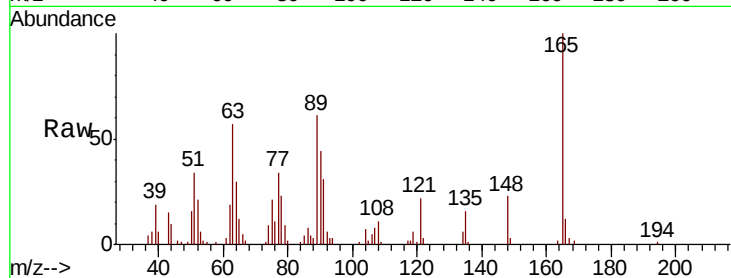




#51  
 2,6-Dinitrotoluene  
 Concen: 7.297 ng  
 RT: 14.32 min Scan# 1912  
 Delta R.T. -0.01 min  
 Lab File: BG040977.D  
 Acq: 31 May 2019 14:03

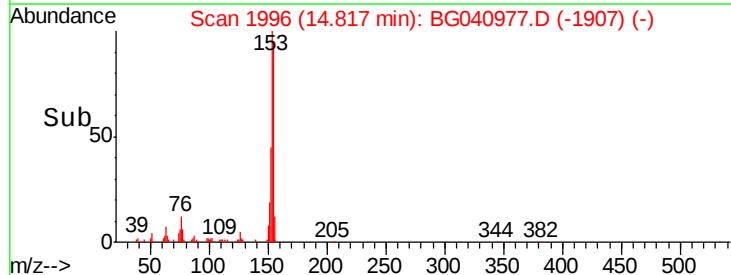
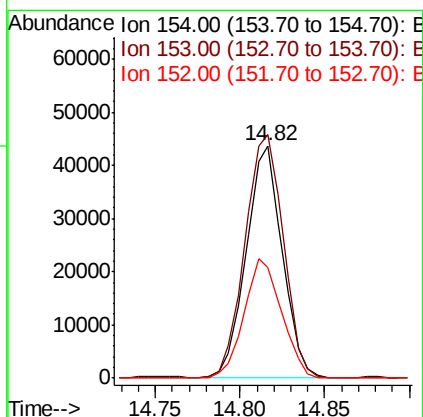
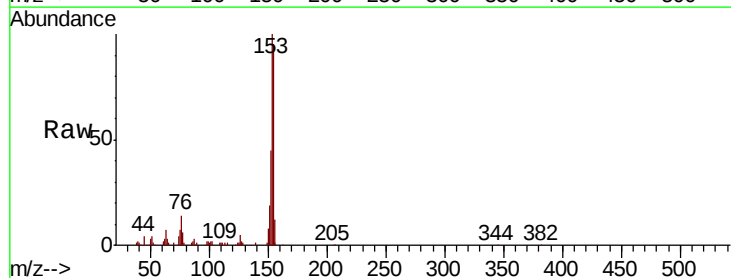
Instrument :  
 BNA\_G  
 ClientSampleId :  
 LOD-MDL-SOIL-01-QT2-2019

Tgt Ion:165 Resp: 19583  
 Ion Ratio Lower Upper  
 165 100  
 63 56.5 53.6 80.4  
 89 61.1 50.4 75.6



#52  
 Acenaphthene  
 Concen: 7.648 ng  
 RT: 14.82 min Scan# 1996  
 Delta R.T. -0.01 min  
 Lab File: BG040977.D  
 Acq: 31 May 2019 14:03

Tgt Ion:154 Resp: 65153  
 Ion Ratio Lower Upper  
 154 100  
 153 104.8 88.6 133.0  
 152 47.5 44.2 66.4





#53

3-Nitroaniline

Concen: 6.253 ng

RT: 14.66 min Scan# 1969

Delta R.T. -0.01 min

Lab File: BG040977.D

Acq: 31 May 2019 14:03

Instrument :

BNA\_G

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2019

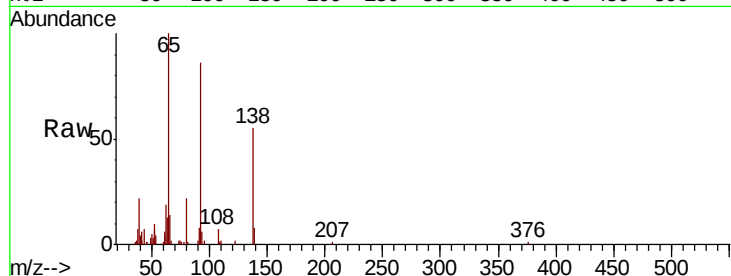
Tgt Ion:138 Resp: 16780

Ion Ratio Lower Upper

138 100

108 12.2 8.5 12.7

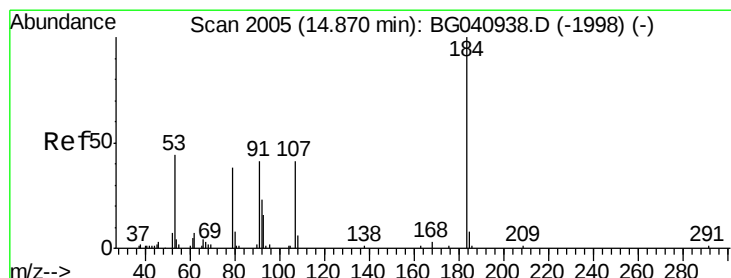
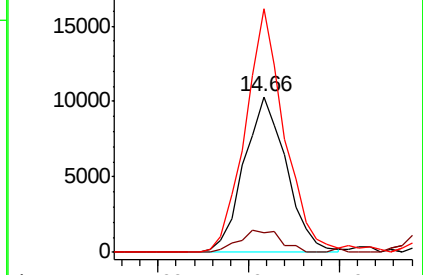
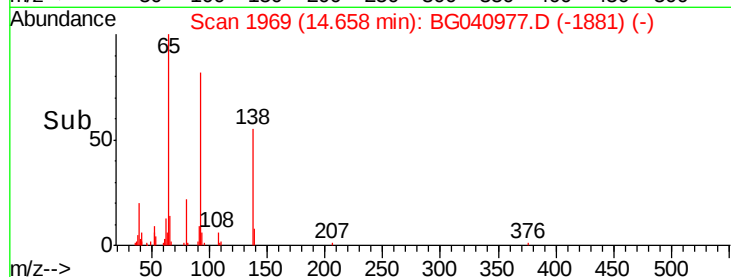
92 156.1 99.0 148.6#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 8.546 ng

RT: 14.88 min Scan# 2007

Delta R.T. 0.01 min

Lab File: BG040977.D

Acq: 31 May 2019 14:03

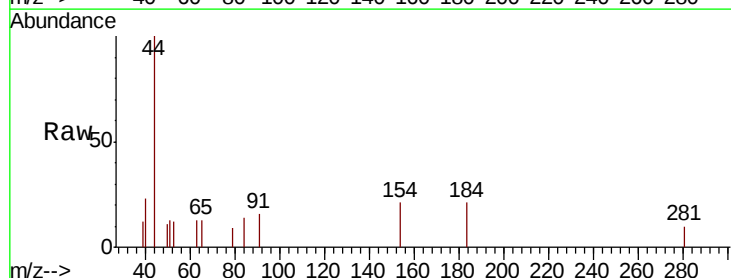
Tgt Ion:184 Resp: 326

Ion Ratio Lower Upper

184 100

63 63.2 49.8 74.6

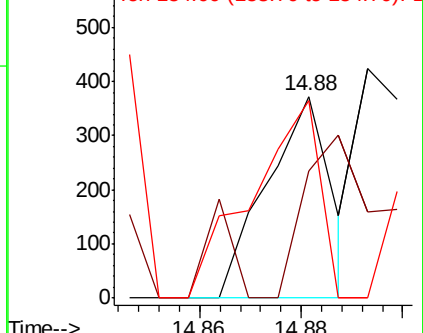
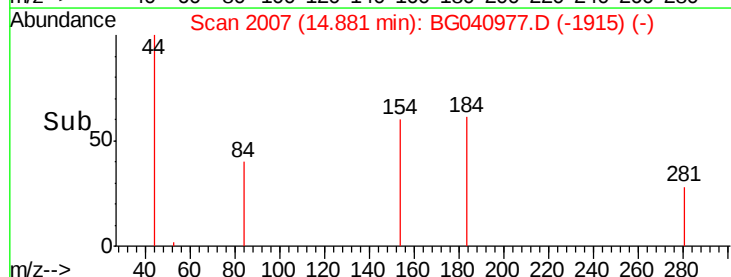
154 97.8 52.2 78.4#



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

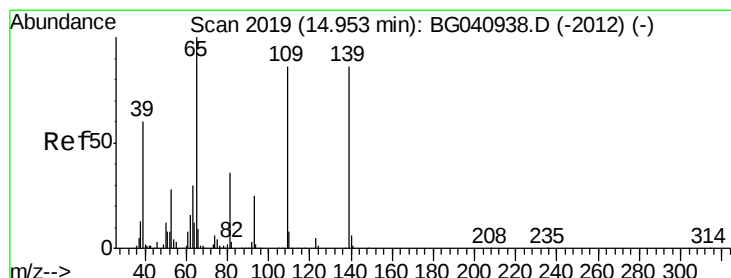
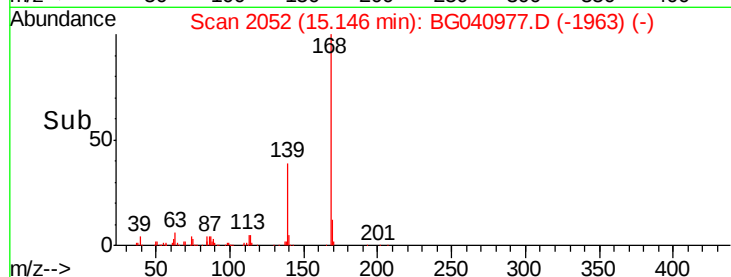
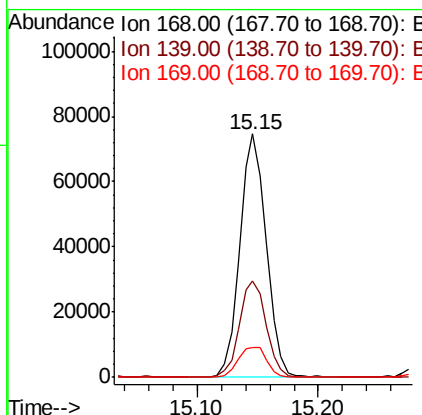
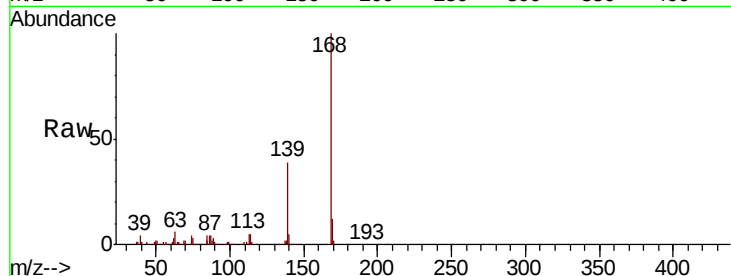




#55  
Dibenzenofuran  
Concen: 7.912 ng  
RT: 15.15 min Scan# 2052  
Delta R.T. -0.01 min  
Lab File: BG040977.D  
Acq: 31 May 2019 14:03

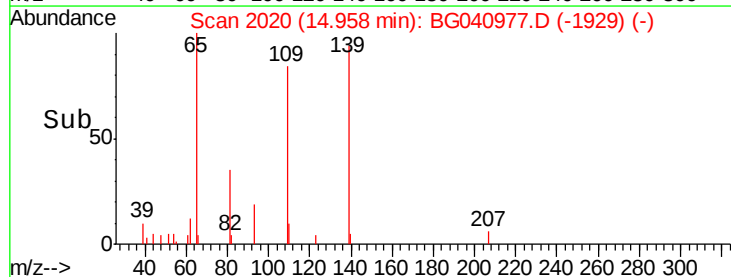
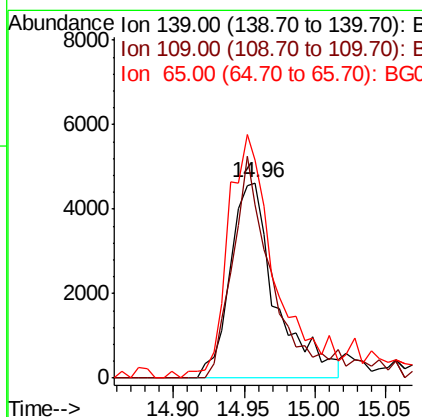
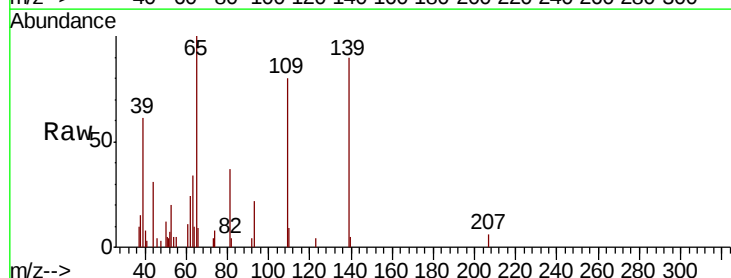
Instrument :  
BNA\_G  
ClientSampleId :  
LOD-MDL-SOIL-01-QT2-2019

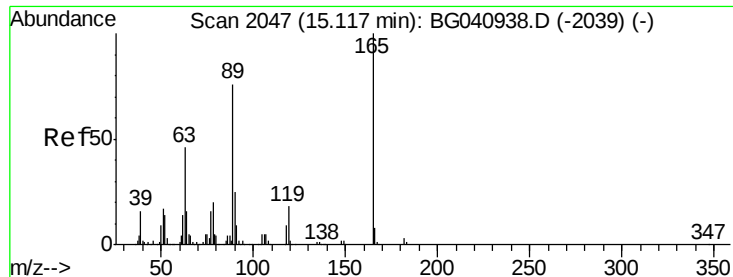
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 168     | 100   |       |       |
| 139     | 39.4  | 32.8  | 49.2  |
| 169     | 12.5  | 11.3  | 16.9  |



#56  
4-Nitrophenol  
Concen: 5.659 ng  
RT: 14.96 min Scan# 2020  
Delta R.T. 0.01 min  
Lab File: BG040977.D  
Acq: 31 May 2019 14:03

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 139     | 100   |       |       |
| 109     | 88.8  | 79.6  | 119.6 |
| 65      | 111.7 | 96.9  | 136.9 |

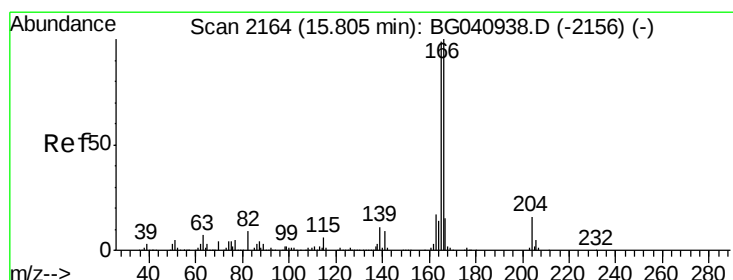
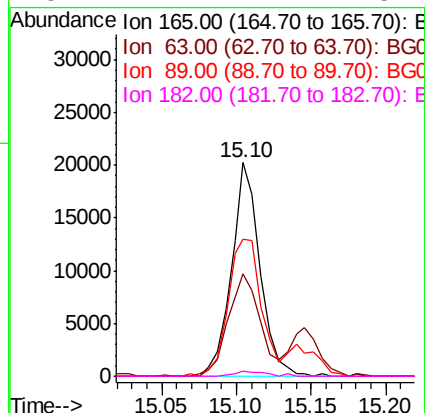
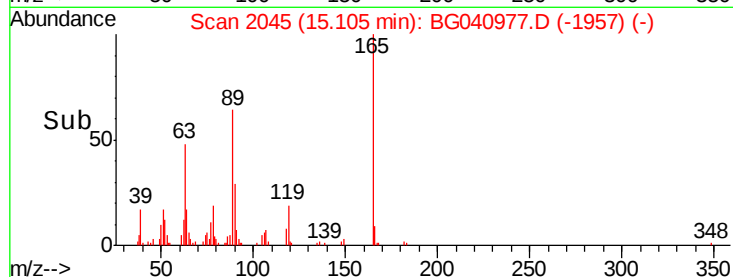
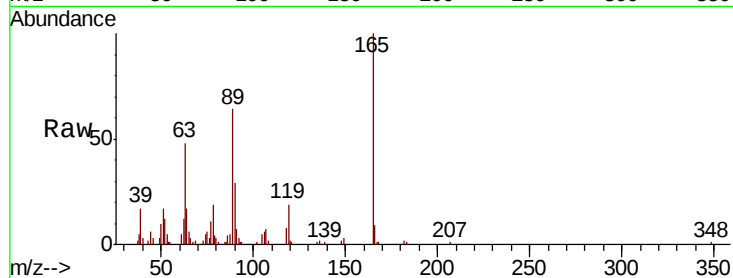




#57  
2,4-Dinitrotoluene  
Concen: 7.117 ng  
RT: 15.10 min Scan# 2045  
Delta R.T. -0.01 min  
Lab File: BG040977.D  
Acq: 31 May 2019 14:03

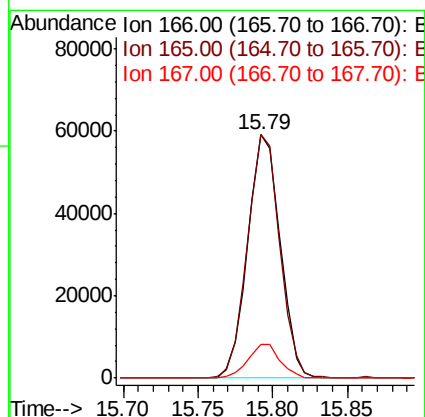
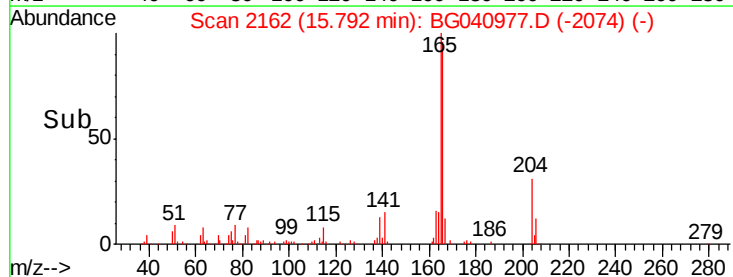
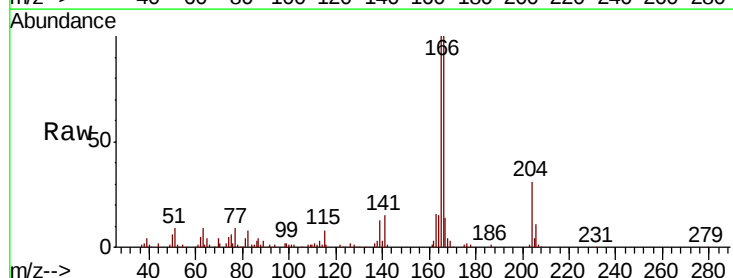
Instrument :  
BNA\_G  
ClientSampleId :  
LOD-MDL-SOIL-01-QT2-2019

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 165   | Resp: | 26977 |
| Ion      | Ratio | Lower | Upper |
| 165      | 100   |       |       |
| 63       | 48.1  | 37.3  | 55.9  |
| 89       | 64.4  | 61.0  | 91.6  |
| 182      | 2.2   | 2.2   | 3.2   |



#58  
Fluorene  
Concen: 7.779 ng  
RT: 15.79 min Scan# 2162  
Delta R.T. -0.01 min  
Lab File: BG040977.D  
Acq: 31 May 2019 14:03

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 166   | Resp: | 88800 |
| Ion      | Ratio | Lower | Upper |
| 166      | 100   |       |       |
| 165      | 100.0 | 79.2  | 118.8 |
| 167      | 13.6  | 11.8  | 17.6  |

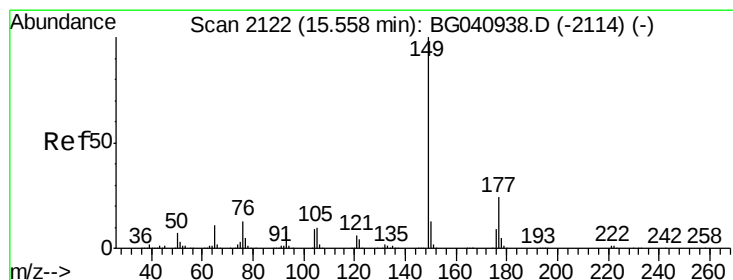
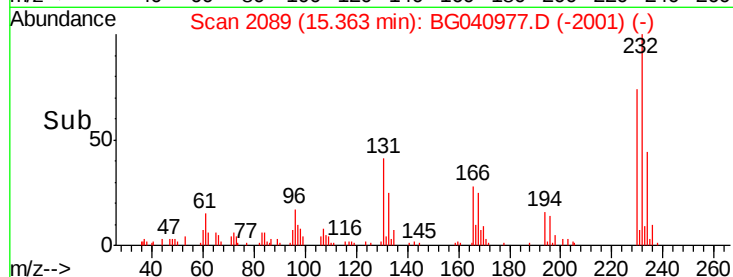
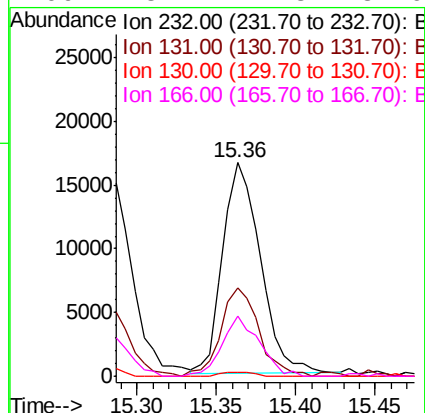
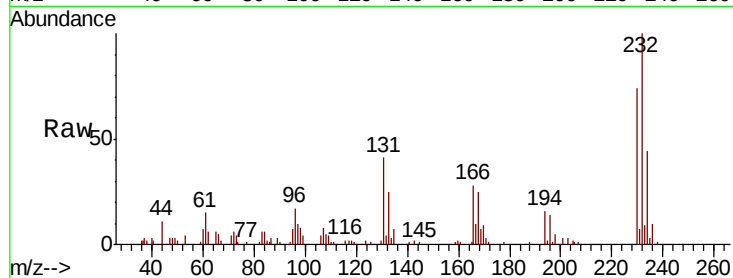




#59  
 2,3,4,6-Tetrachlorophenol  
 Concen: 6.873 ng  
 RT: 15.36 min Scan# 2089  
 Delta R.T. -0.01 min  
 Lab File: BG040977.D  
 Acq: 31 May 2019 14:03

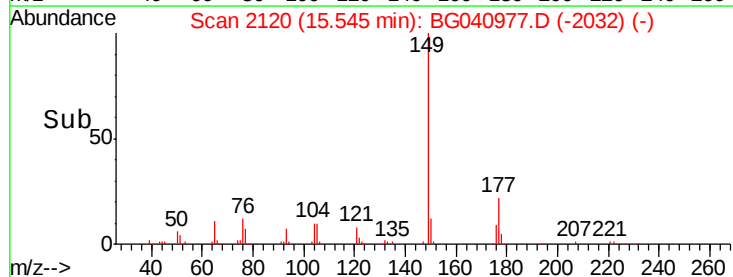
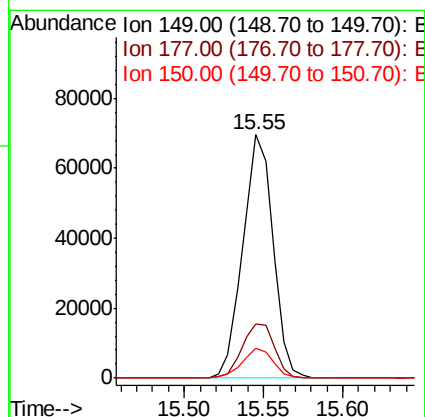
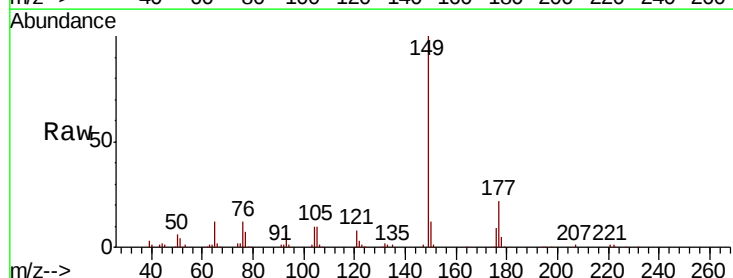
Instrument :  
 BNA\_G  
 ClientSampleId :  
 LOD-MDL-SOIL-01-QT2-2019

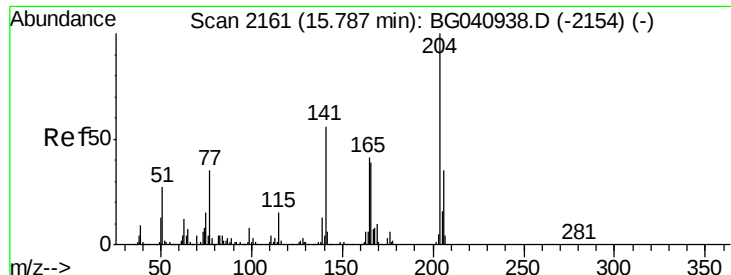
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 232   | Resp: | 27309 |
| Ion      | Ratio | Lower | Upper |
| 232      | 100   |       |       |
| 131      | 42.0  | 30.3  | 45.5  |
| 130      | 1.6   | 1.8   | 2.8#  |
| 166      | 28.2  | 21.3  | 31.9  |



#60  
 Diethylphthalate  
 Concen: 7.227 ng  
 RT: 15.55 min Scan# 2120  
 Delta R.T. -0.01 min  
 Lab File: BG040977.D  
 Acq: 31 May 2019 14:03

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 149   | Resp: | 91800 |
| Ion      | Ratio | Lower | Upper |
| 149      | 100   |       |       |
| 177      | 22.4  | 19.4  | 29.0  |
| 150      | 12.4  | 10.3  | 15.5  |

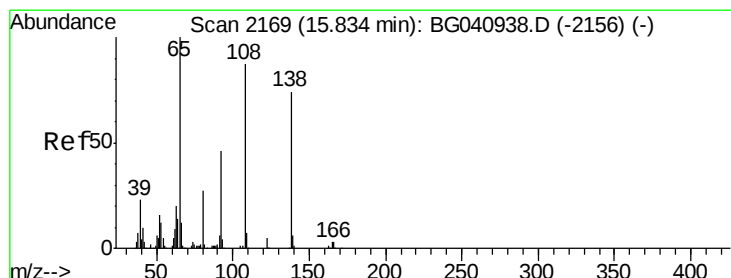
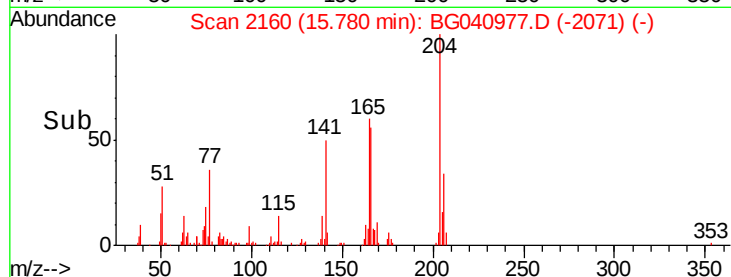
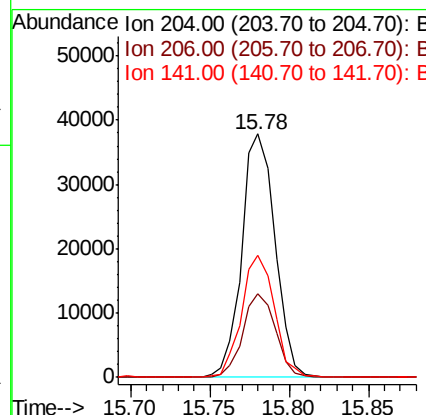
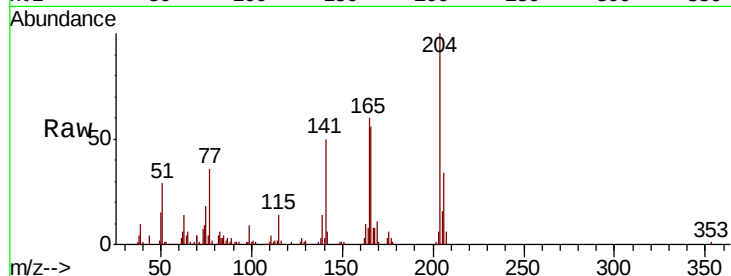




#61  
 4-Chlorophenyl-phenylether  
 Concen: 7.434 ng  
 RT: 15.78 min Scan# 2160  
 Delta R.T. -0.01 min  
 Lab File: BG040977.D  
 Acq: 31 May 2019 14:03

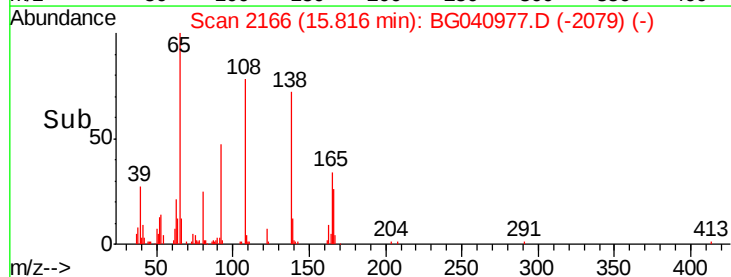
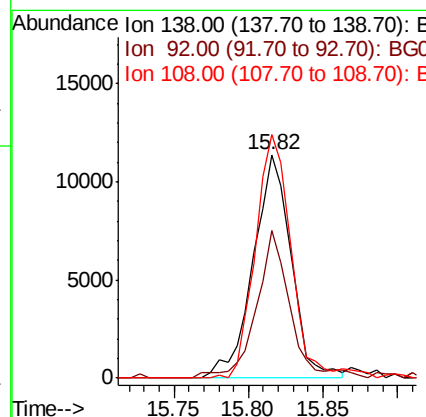
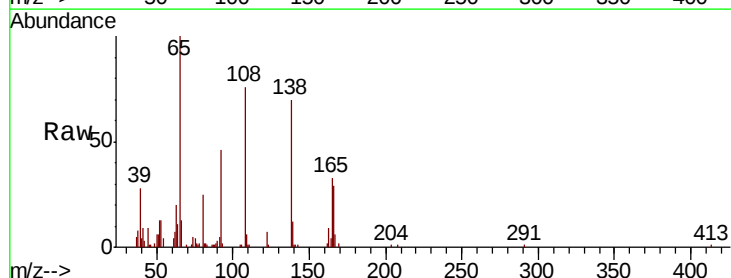
Instrument :  
 BNA\_G  
 ClientSampleId :  
 LOD-MDL-SOIL-01-QT2-2019

Tgt Ion: 204 Resp: 55162  
 Ion Ratio Lower Upper  
 204 100  
 206 34.5 27.6 41.4  
 141 50.3 45.1 67.7



#62  
 4-Nitroaniline  
 Concen: 7.021 ng  
 RT: 15.82 min Scan# 2166  
 Delta R.T. -0.02 min  
 Lab File: BG040977.D  
 Acq: 31 May 2019 14:03

Tgt Ion: 138 Resp: 19945  
 Ion Ratio Lower Upper  
 138 100  
 92 65.9 42.4 82.4  
 108 109.0 96.9 136.9





#63

Azobenzene

Concen: 7.678 ng

RT: 16.07 min Scan# 2210

Delta R.T. -0.01 min

Lab File: BG040977.D

Acq: 31 May 2019 14:03

Instrument :

BNA\_G

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2019

Tgt Ion: 77 Resp: 88638

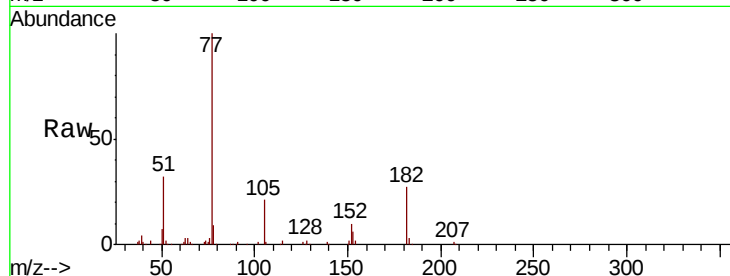
Ion Ratio Lower Upper

77 100

182 27.4 9.6 49.6

105 20.7 0.0 37.5

51 31.6 13.7 53.7

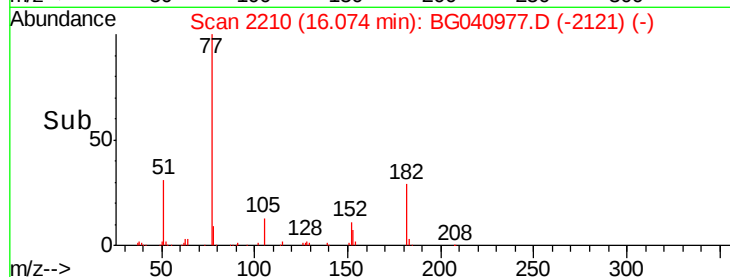
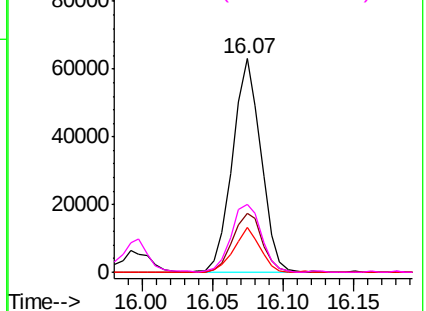


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.50 min Scan# 2452

Delta R.T. -0.01 min

Lab File: BG040977.D

Acq: 31 May 2019 14:03

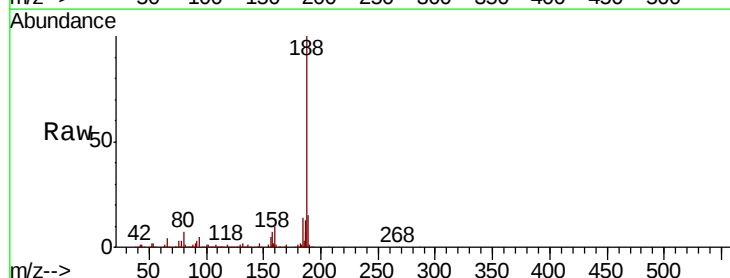
Tgt Ion: 188 Resp: 375694

Ion Ratio Lower Upper

188 100

94 4.9 4.7 7.1

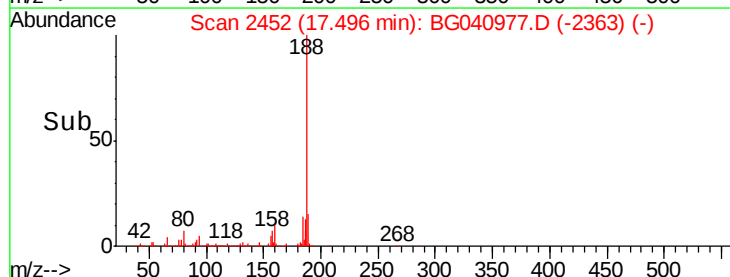
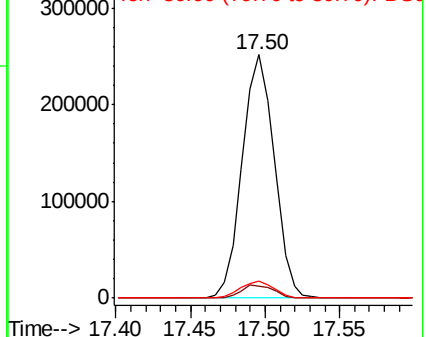
80 7.1 5.8 8.8

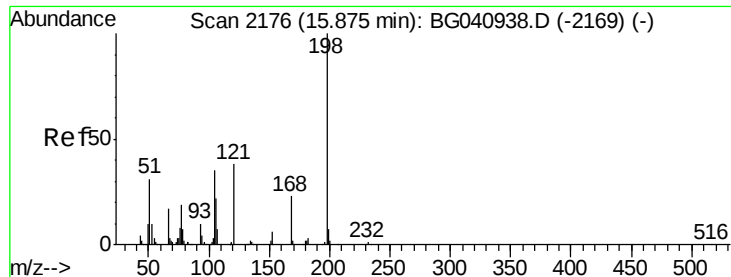


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 10.819 ng

RT: 15.86 min Scan# 2174

Delta R.T. -0.01 min

Lab File: BG040977.D

Acq: 31 May 2019 14:03

Instrument :

BNA\_G

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2019

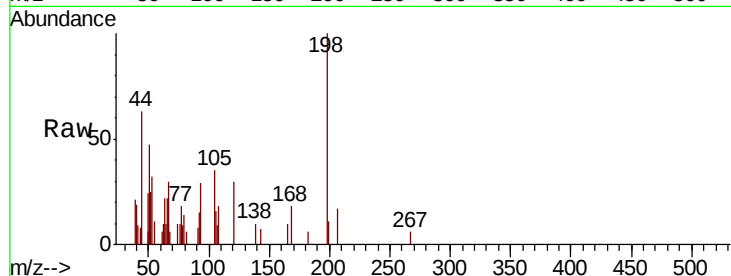
Tgt Ion:198 Resp: 5466

Ion Ratio Lower Upper

198 100

51 47.3 21.6 61.6

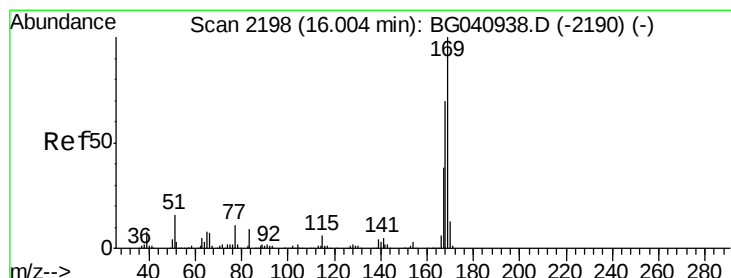
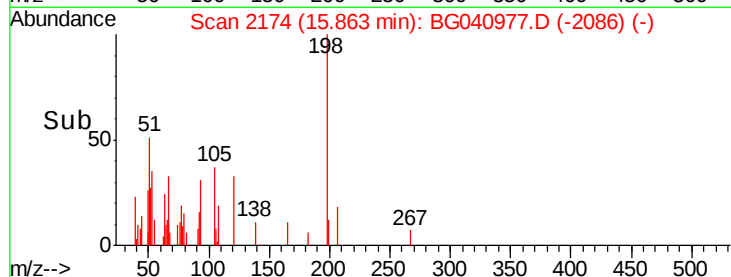
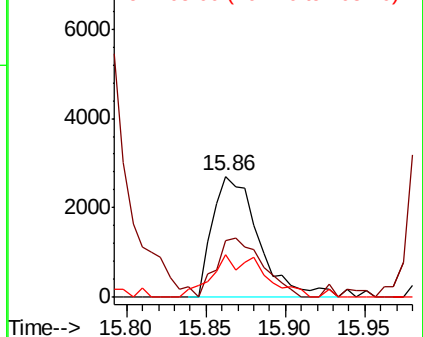
105 34.8 17.5 57.5



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 7.613 ng

RT: 16.00 min Scan# 2197

Delta R.T. -0.01 min

Lab File: BG040977.D

Acq: 31 May 2019 14:03

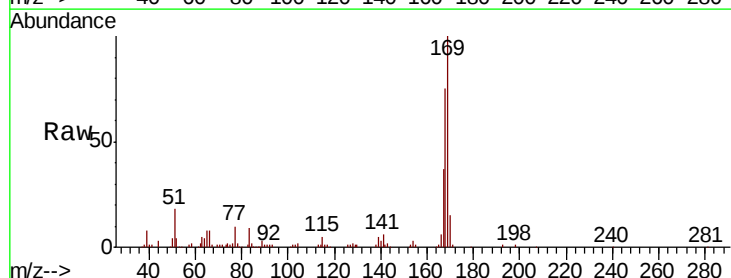
Tgt Ion:169 Resp: 80399

Ion Ratio Lower Upper

169 100

168 75.3 55.7 83.5

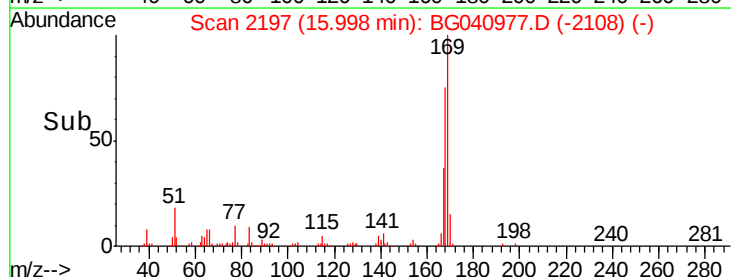
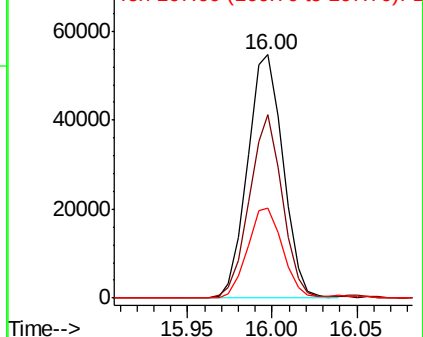
167 36.7 30.2 45.2

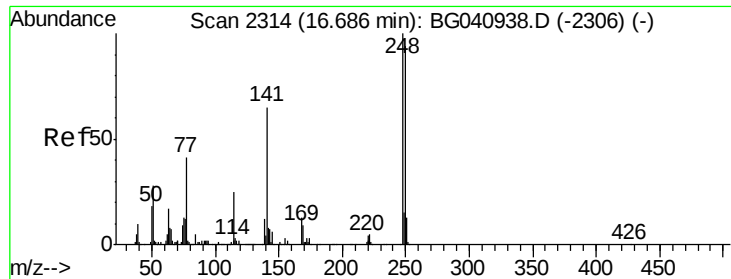


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

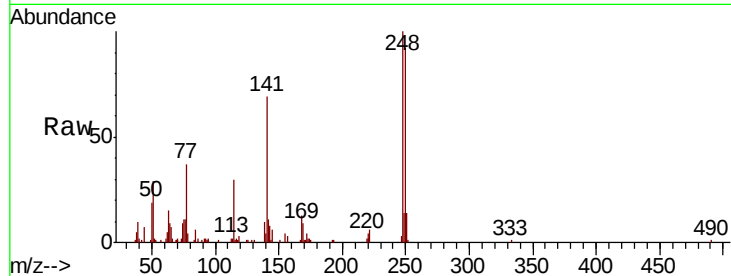




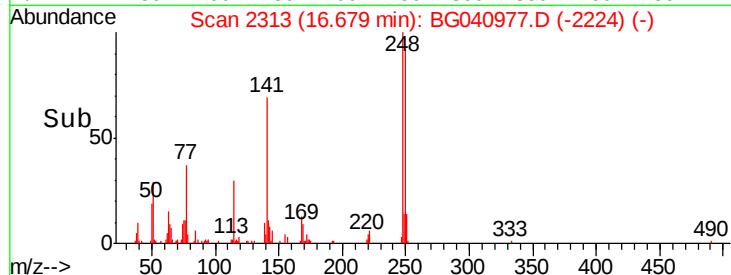
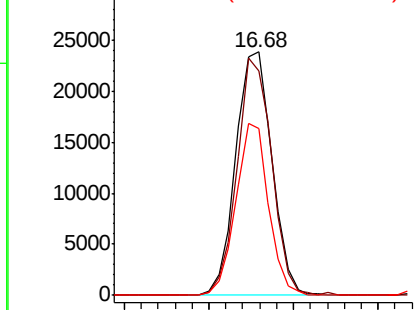
#67  
 4-Bromophenyl-phenylether  
 Concen: 7.030 ng  
 RT: 16.68 min Scan# 2313  
 Delta R.T. -0.01 min  
 Lab File: BG040977.D  
 Acq: 31 May 2019 14:03

Instrument :  
 BNA\_G  
 ClientSampleId :  
 LOD-MDL-SOIL-01-QT2-2019

Tgt Ion:248 Resp: 35644  
 Ion Ratio Lower Upper  
 248 100  
 250 92.0 75.0 112.4  
 141 68.5 52.4 78.6

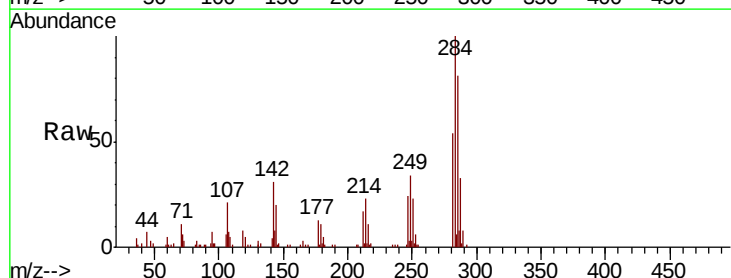


Abundance Ion 248.00 (247.70 to 248.70): E  
 Ion 250.00 (249.70 to 250.70): E  
 Ion 141.00 (140.70 to 141.70): E

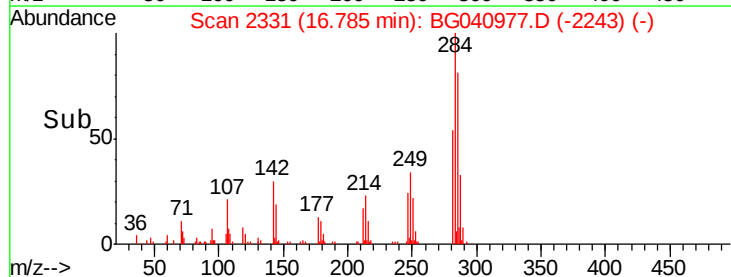
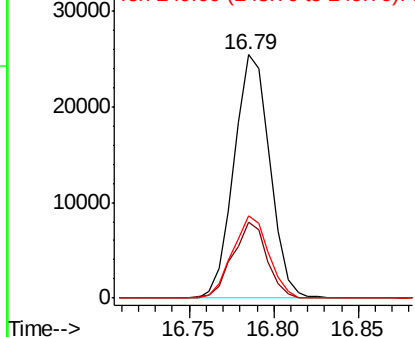


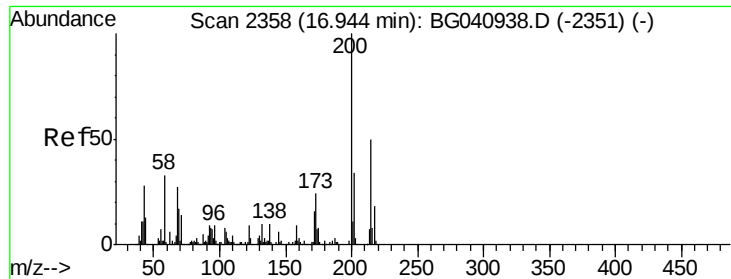
#68  
 Hexachlorobenzene  
 Concen: 6.947 ng  
 RT: 16.79 min Scan# 2331  
 Delta R.T. -0.01 min  
 Lab File: BG040977.D  
 Acq: 31 May 2019 14:03

Tgt Ion:284 Resp: 37507  
 Ion Ratio Lower Upper  
 284 100  
 142 31.2 23.9 35.9  
 249 34.1 26.8 40.2



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

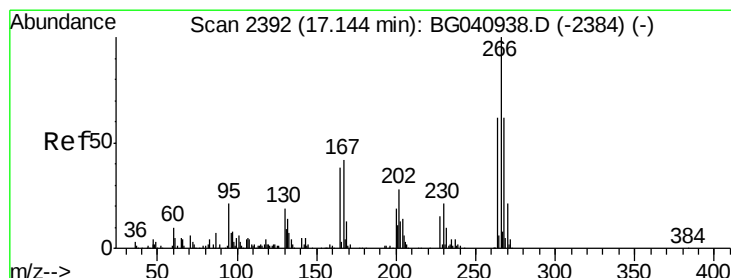
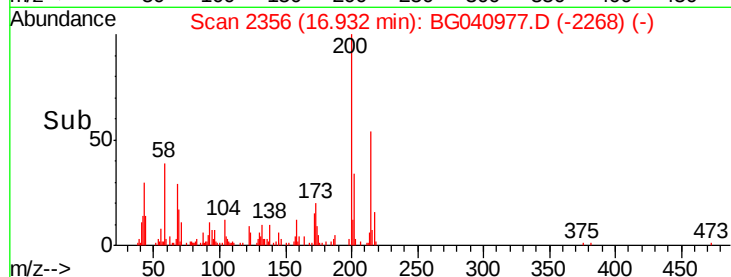
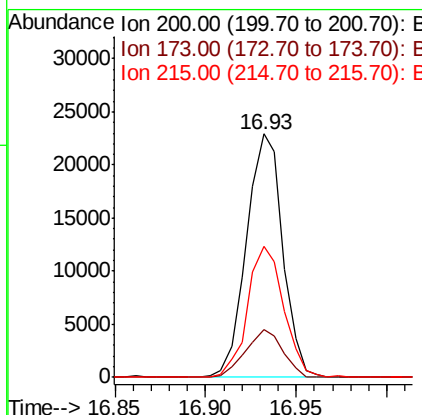
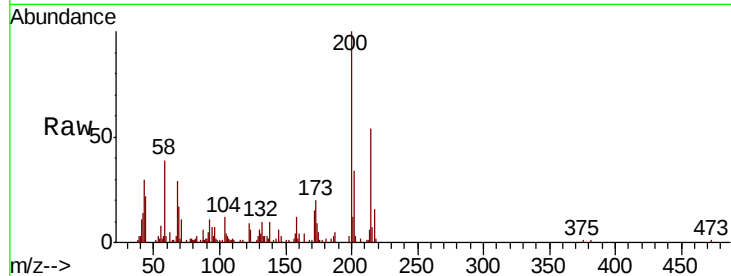




#69  
Atrazine  
Concen: 7.797 ng  
RT: 16.93 min Scan# 2356  
Delta R.T. -0.01 min  
Lab File: BG040977.D  
Acq: 31 May 2019 14:03

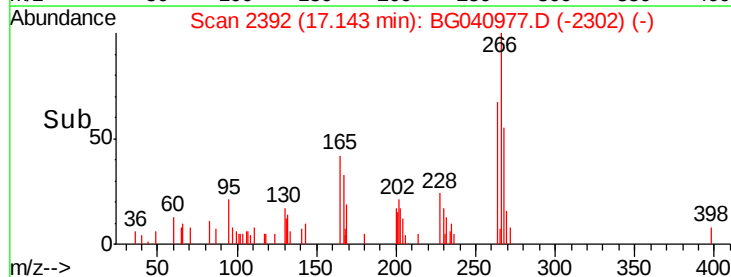
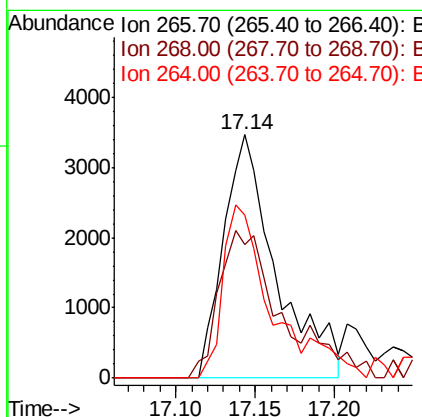
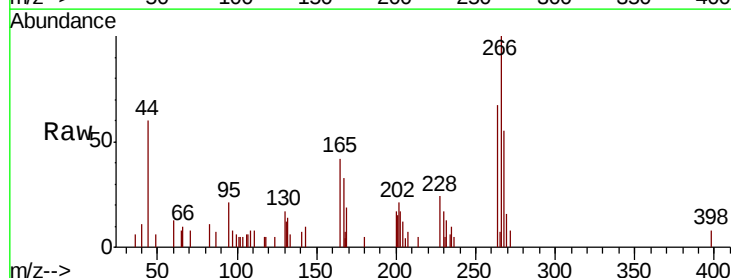
Instrument :  
BNA\_G  
ClientSampleId :  
LOD-MDL-SOIL-01-QT2-2019

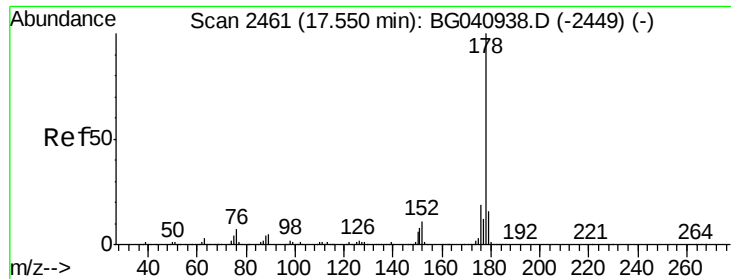
Tgt Ion:200 Resp: 31774  
Ion Ratio Lower Upper  
200 100  
173 19.8 3.6 43.6  
215 53.9 29.6 69.6



#70  
Pentachlorophenol  
Concen: 6.875 ng  
RT: 17.14 min Scan# 2392  
Delta R.T. -0.00 min  
Lab File: BG040977.D  
Acq: 31 May 2019 14:03

Tgt Ion:266 Resp: 8000  
Ion Ratio Lower Upper  
266 100  
268 54.6 53.1 79.7  
264 66.8 49.9 74.9





#71

Phenanthrene

Concen: 8.014 ng

RT: 17.54 min Scan# 2459

Delta R.T. -0.01 min

Lab File: BG040977.D

Acq: 31 May 2019 14:03

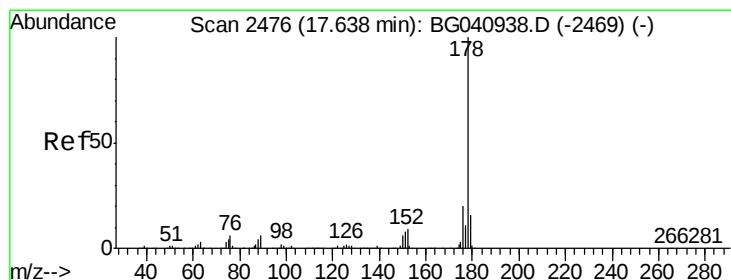
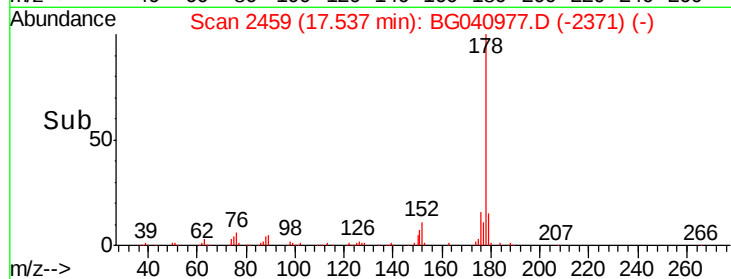
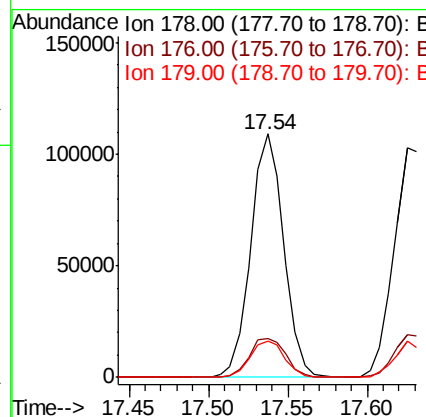
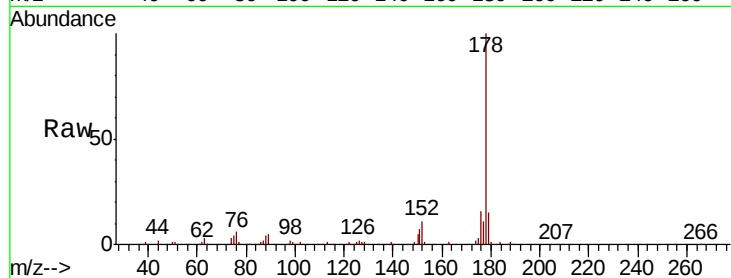
Instrument :

BNA\_G

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2019

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 178   | Resp: | 156837 |
| Ion      | Ratio | Lower | Upper  |
| 178      | 100   |       |        |
| 176      | 16.0  | 15.5  | 23.3   |
| 179      | 15.1  | 12.7  | 19.1   |



#72

Anthracene

Concen: 8.294 ng

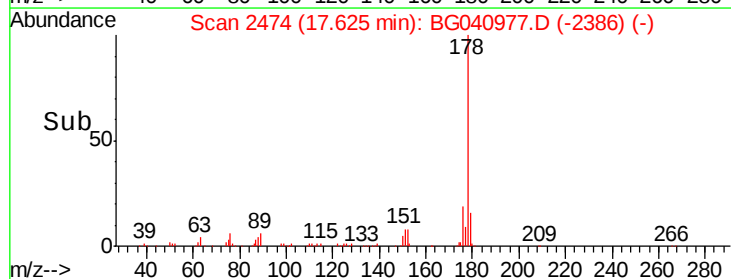
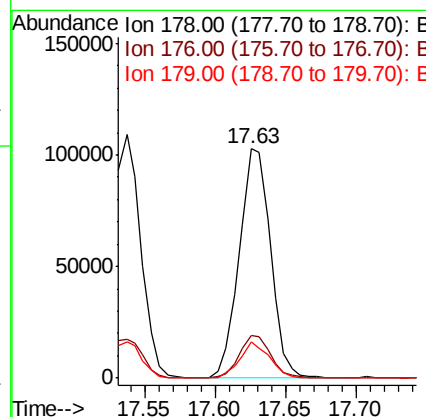
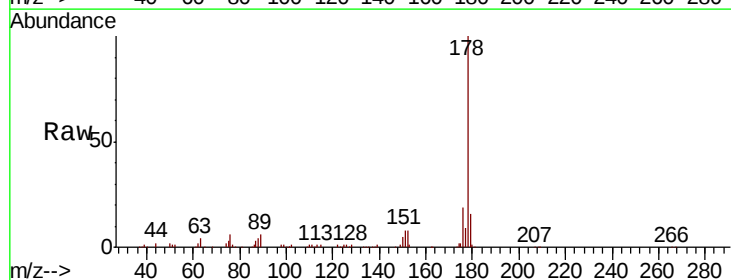
RT: 17.63 min Scan# 2474

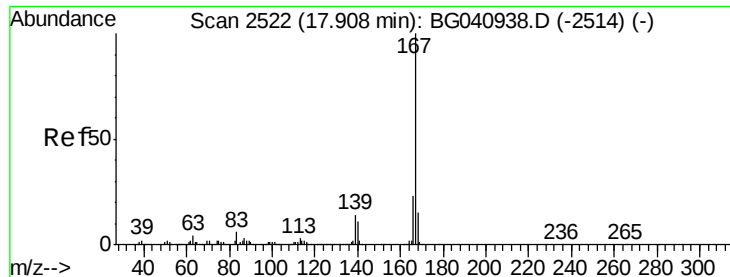
Delta R.T. -0.01 min

Lab File: BG040977.D

Acq: 31 May 2019 14:03

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 178   | Resp: | 160075 |
| Ion      | Ratio | Lower | Upper  |
| 178      | 100   |       |        |
| 176      | 18.5  | 15.6  | 23.4   |
| 179      | 15.8  | 13.0  | 19.4   |

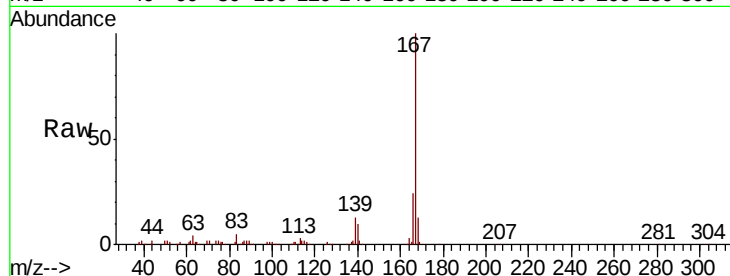




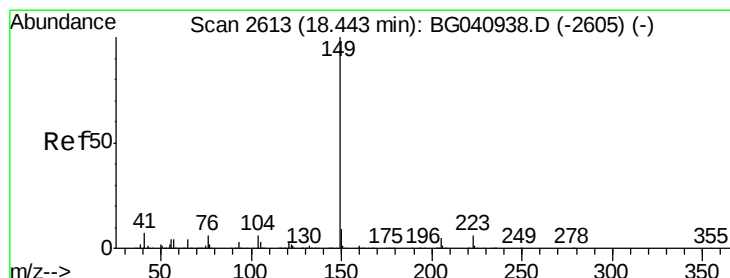
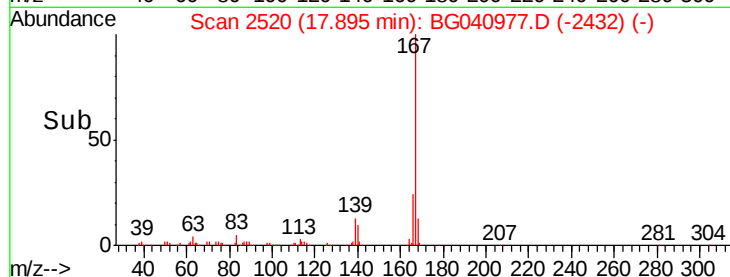
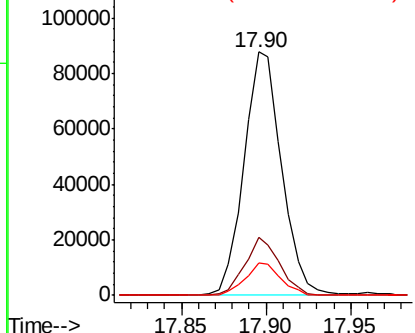
#73  
 Carbazole  
 Concen: 8.215 ng  
 RT: 17.90 min Scan# 2520  
 Delta R.T. -0.01 min  
 Lab File: BG040977.D  
 Acq: 31 May 2019 14:03

Instrument :  
 BNA\_G  
 ClientSampleId :  
 LOD-MDL-SOIL-01-QT2-2019

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 24.0  | 18.2  | 27.4  |
| 139     | 13.2  | 10.8  | 16.2  |

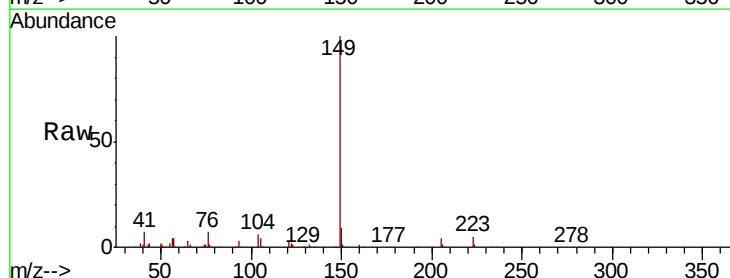


Abundance Ion 167.00 (166.70 to 167.70): E  
 Ion 166.00 (165.70 to 166.70): E  
 Ion 139.00 (138.70 to 139.70): E

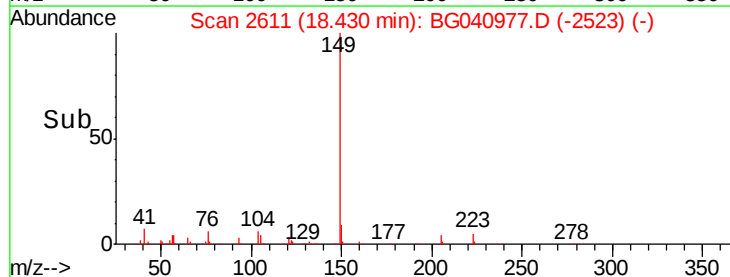
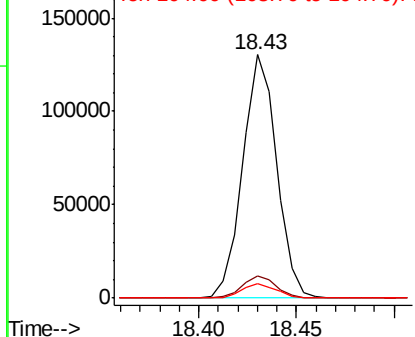


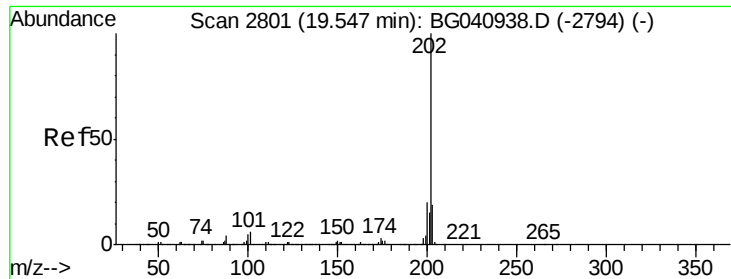
#74  
 Di-n-butylphthalate  
 Concen: 7.633 ng  
 RT: 18.43 min Scan# 2611  
 Delta R.T. -0.01 min  
 Lab File: BG040977.D  
 Acq: 31 May 2019 14:03

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 150     | 9.3   | 7.4   | 11.2  |
| 104     | 5.8   | 5.0   | 7.4   |



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





#75

Fluoranthene

Concen: 8.785 ng

RT: 19.54 min Scan# 2800

Delta R.T. -0.01 min

Lab File: BG040977.D

Acq: 31 May 2019 14:03

Instrument :

BNA\_G

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2019

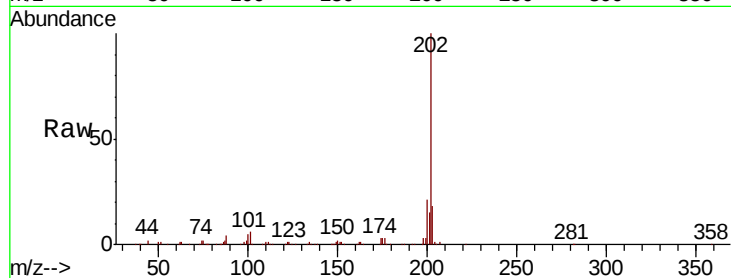
Tgt Ion:202 Resp: 212335

Ion Ratio Lower Upper

202 100

101 6.3 0.0 26.2

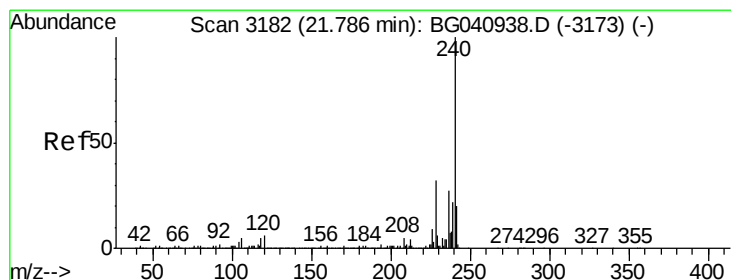
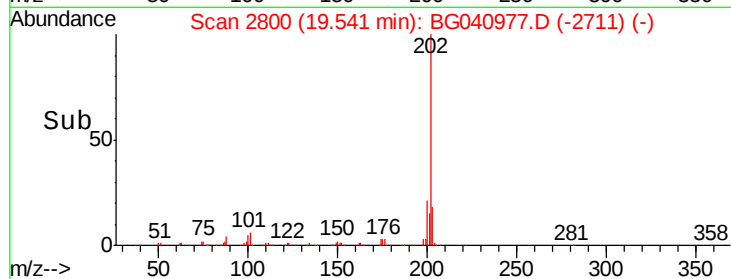
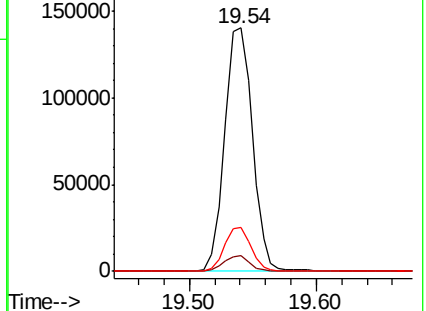
203 17.9 0.0 38.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.77 min Scan# 3180

Delta R.T. -0.01 min

Lab File: BG040977.D

Acq: 31 May 2019 14:03

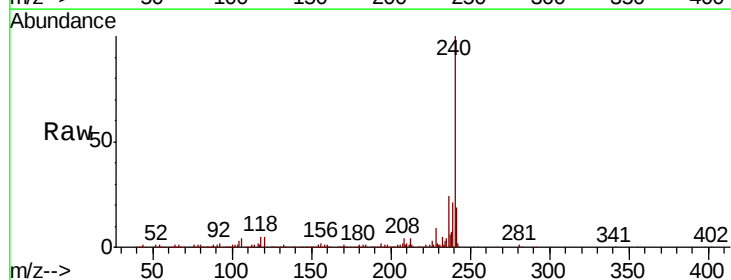
Tgt Ion:240 Resp: 402303

Ion Ratio Lower Upper

240 100

120 5.0 4.5 6.7

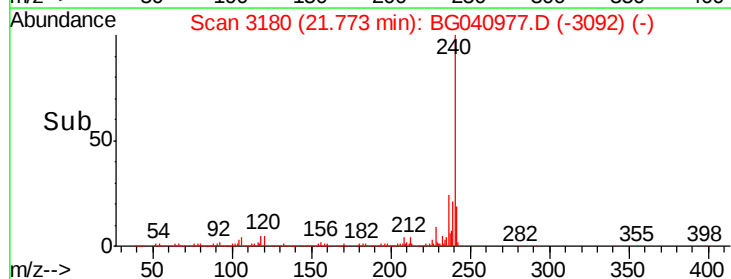
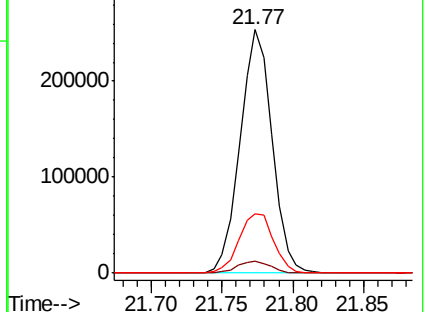
236 24.3 21.3 31.9

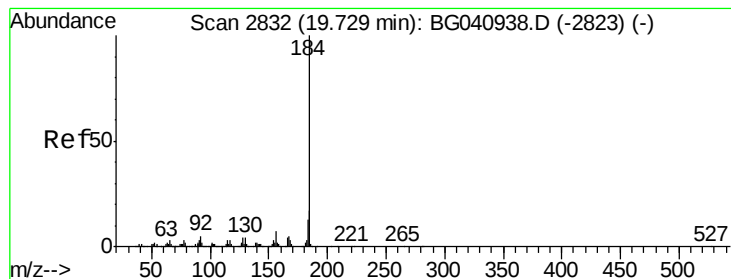


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 8.161 ng

RT: 19.72 min Scan# 2831

Delta R.T. -0.01 min

Lab File: BG040977.D

Acq: 31 May 2019 14:03

Instrument :

BNA\_G

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2019

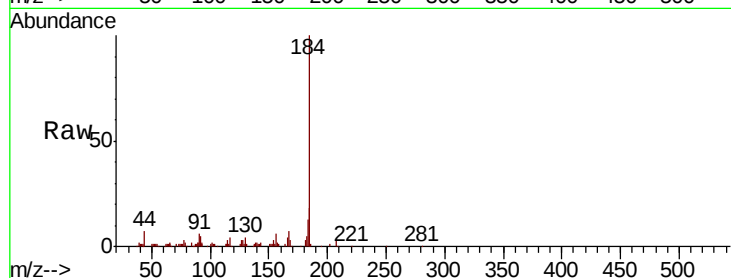
Tgt Ion:184 Resp: 78323

Ion Ratio Lower Upper

184 100

185 17.8 13.3 19.9

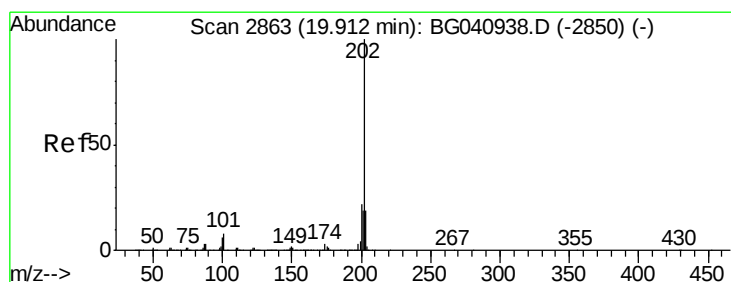
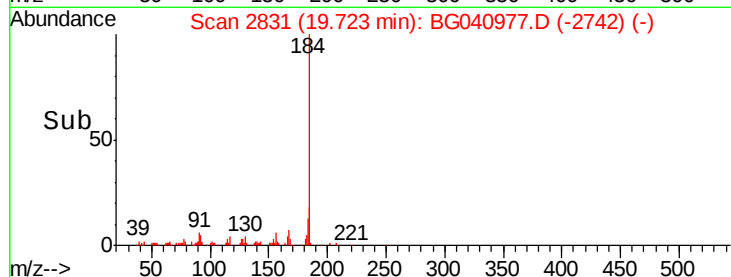
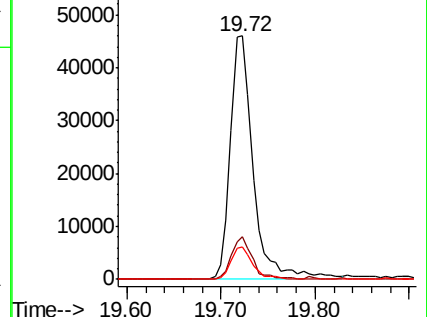
183 13.5 10.7 16.1



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: 8.214 ng

RT: 19.90 min Scan# 2861

Delta R.T. -0.01 min

Lab File: BG040977.D

Acq: 31 May 2019 14:03

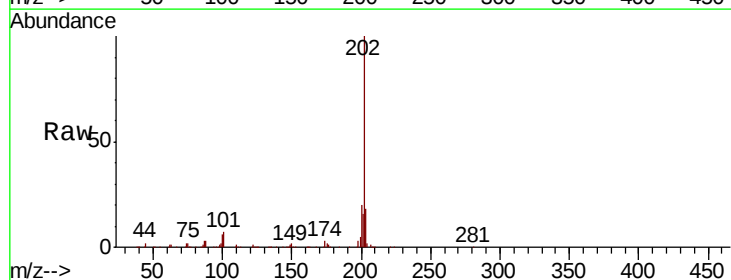
Tgt Ion:202 Resp: 214827

Ion Ratio Lower Upper

202 100

200 20.4 17.5 26.3

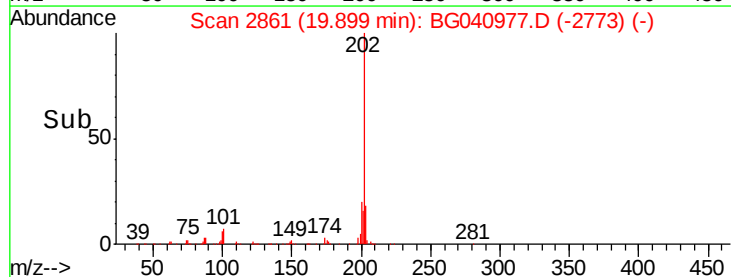
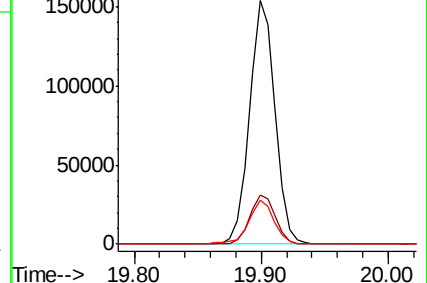
203 18.1 15.6 23.4



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: 79.846 ng

RT: 20.09 min Scan# 2893

Delta R.T. -0.01 min

Lab File: BG040977.D

Acq: 31 May 2019 14:03

Instrument :

BNA\_G

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2019

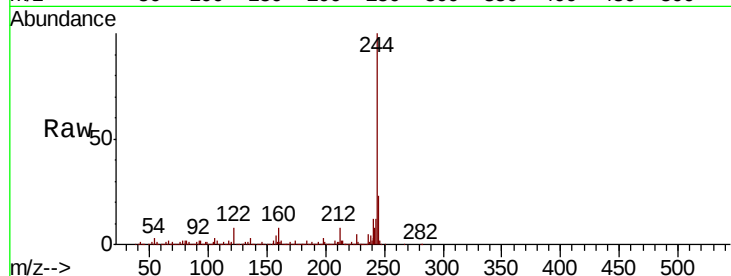
Tgt Ion:244 Resp: 1513531

Ion Ratio Lower Upper

244 100

212 8.4 7.0 10.4

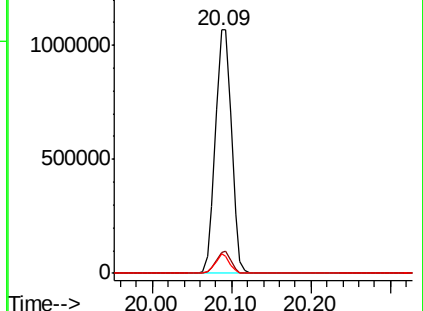
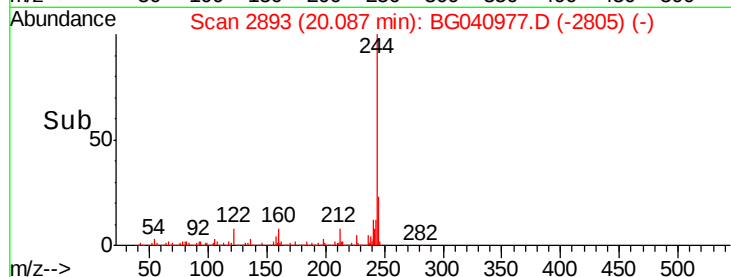
122 7.9 5.4 8.0



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: 7.110 ng

RT: 20.77 min Scan# 3009

Delta R.T. -0.01 min

Lab File: BG040977.D

Acq: 31 May 2019 14:03

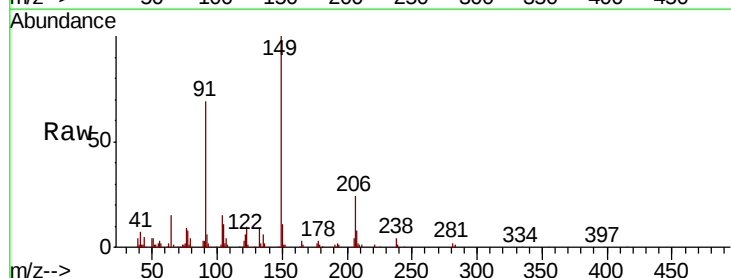
Tgt Ion:149 Resp: 72365

Ion Ratio Lower Upper

149 100

91 69.5 56.5 84.7

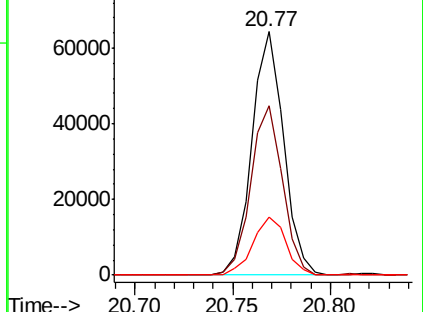
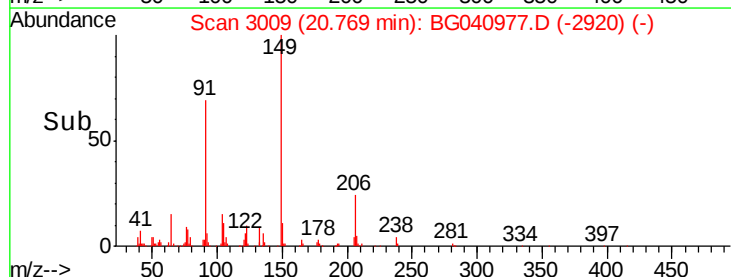
206 24.0 20.3 30.5

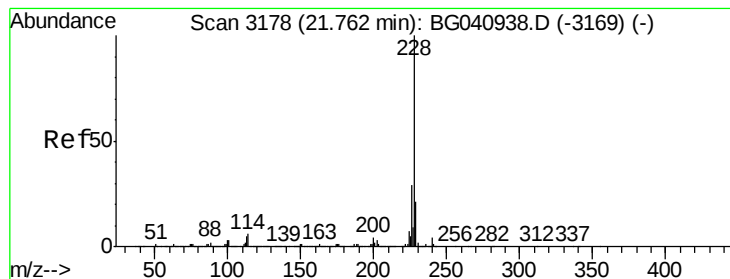


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 8.108 ng

RT: 21.76 min Scan# 3177

Delta R.T. -0.01 min

Lab File: BG040977.D

Acq: 31 May 2019 14:03

Instrument :

BNA\_G

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2019

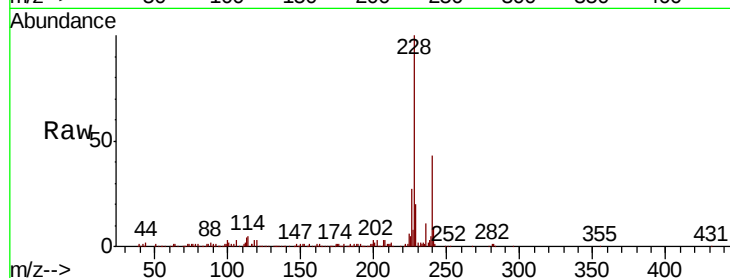
Tgt Ion: 228 Resp: 217122

Ion Ratio Lower Upper

228 100

226 26.7 23.5 35.3

229 20.0 16.7 25.1

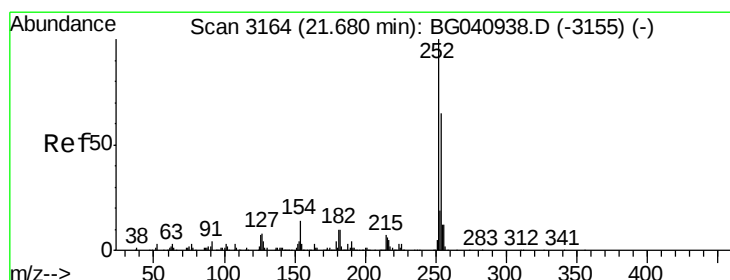
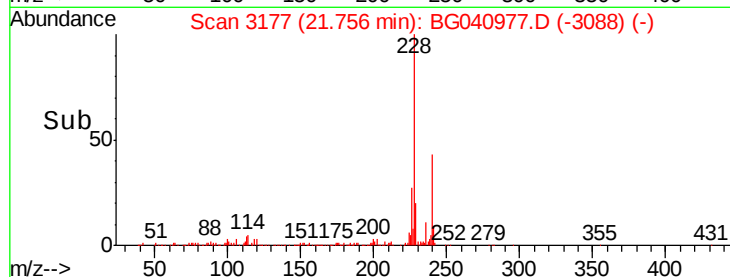
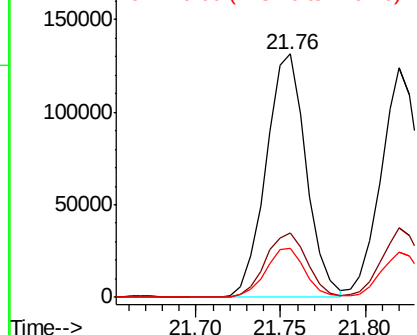


Abundance

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: 7.442 ng

RT: 21.67 min Scan# 3162

Delta R.T. -0.01 min

Lab File: BG040977.D

Acq: 31 May 2019 14:03

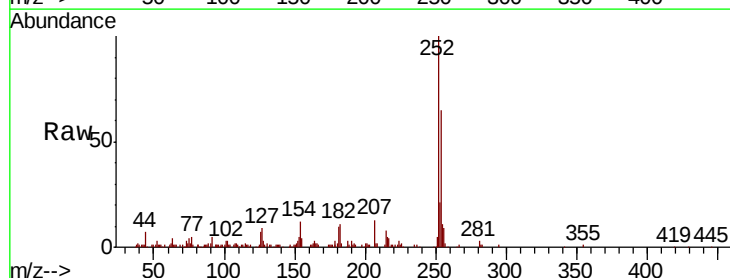
Tgt Ion: 252 Resp: 70096

Ion Ratio Lower Upper

252 100

254 65.1 52.1 78.1

126 7.2 5.5 8.3

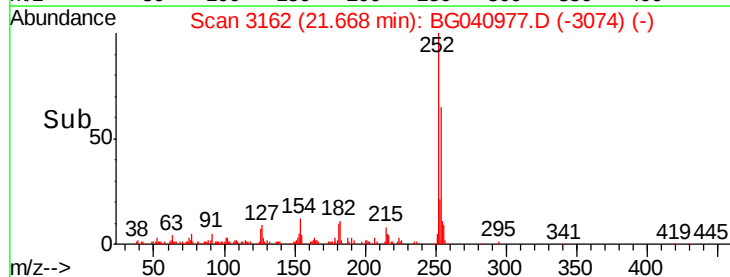
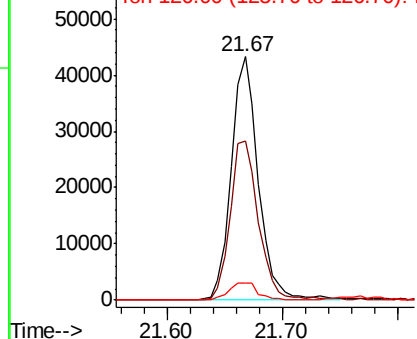


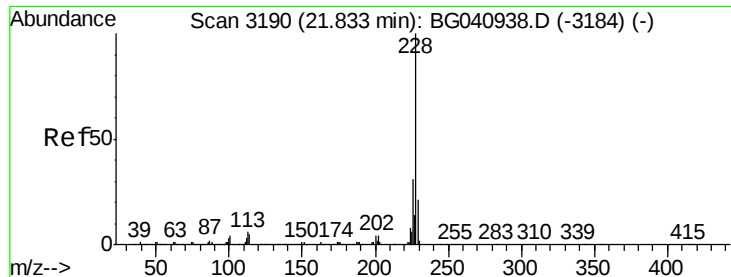
Abundance

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: 7.966 ng

RT: 21.82 min Scan# 3188

Delta R.T. -0.01 min

Lab File: BG040977.D

Acq: 31 May 2019 14:03

Instrument :

BNA\_G

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2019

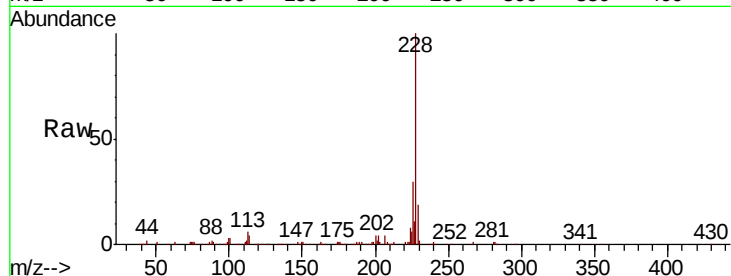
Tgt Ion: 228 Resp: 204138

Ion Ratio Lower Upper

228 100

226 30.1 24.6 37.0

229 19.4 16.6 24.8

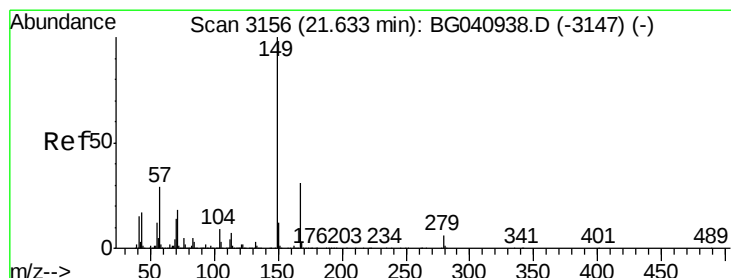
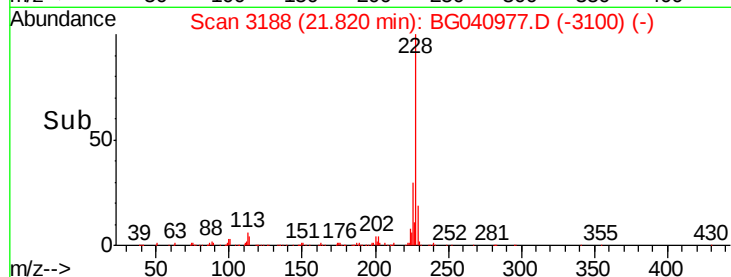
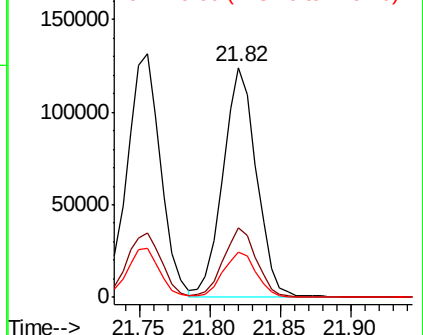


Abundance

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: 7.135 ng

RT: 21.63 min Scan# 3155

Delta R.T. -0.01 min

Lab File: BG040977.D

Acq: 31 May 2019 14:03

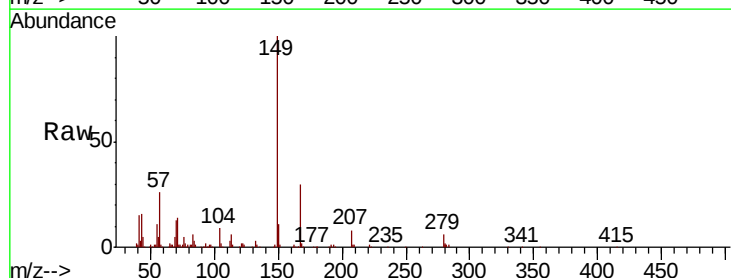
Tgt Ion: 149 Resp: 102215

Ion Ratio Lower Upper

149 100

167 29.6 24.6 37.0

279 5.7 5.0 7.6

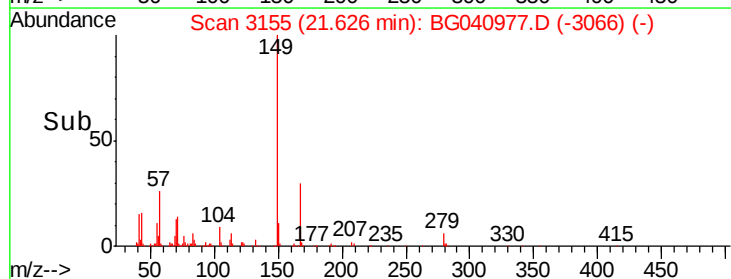
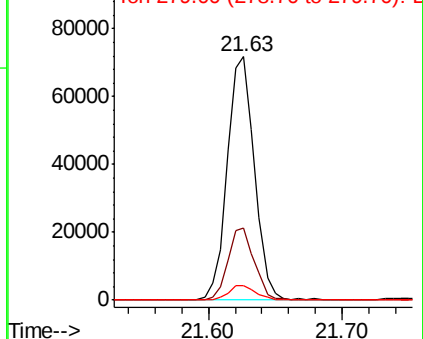


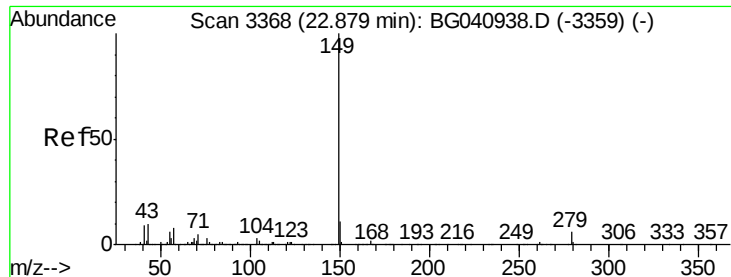
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 7.159 ng

RT: 22.87 min Scan# 3367

Delta R.T. -0.01 min

Lab File: BG040977.D

Acq: 31 May 2019 14:03

Instrument :

BNA\_G

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2019

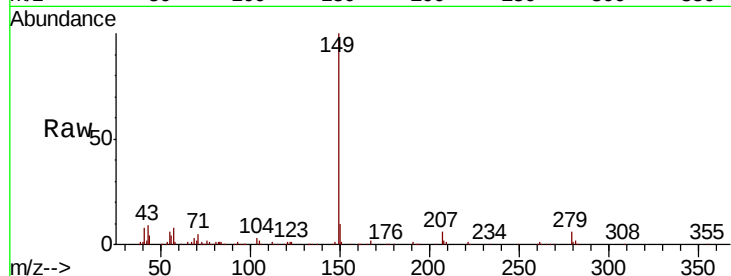
Tgt Ion:149 Resp: 170824

Ion Ratio Lower Upper

149 100

167 1.6 1.4 2.0

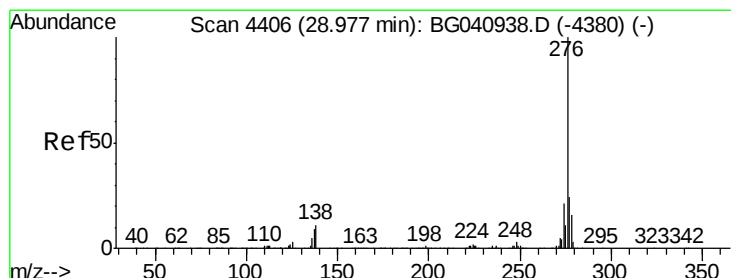
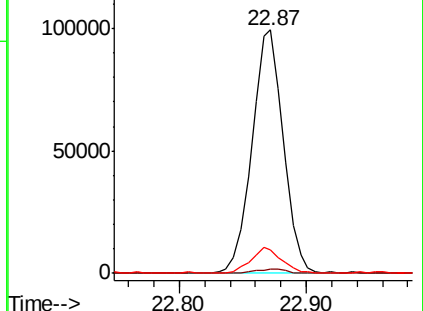
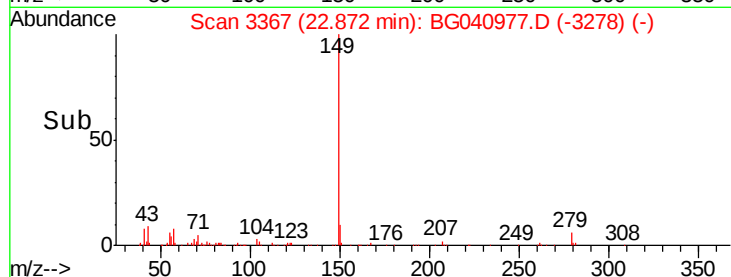
43 10.7 8.1 12.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 6.956 ng

RT: 28.94 min Scan# 4399

Delta R.T. -0.04 min

Lab File: BG040977.D

Acq: 31 May 2019 14:03

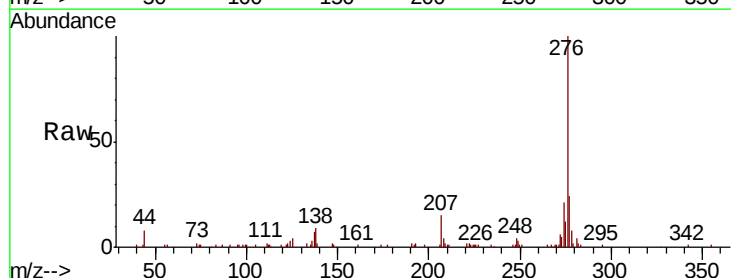
Tgt Ion:276 Resp: 218354

Ion Ratio Lower Upper

276 100

138 5.3 5.7 8.5#

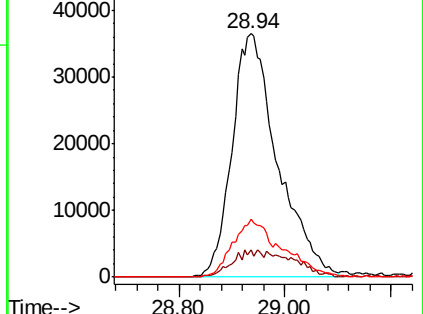
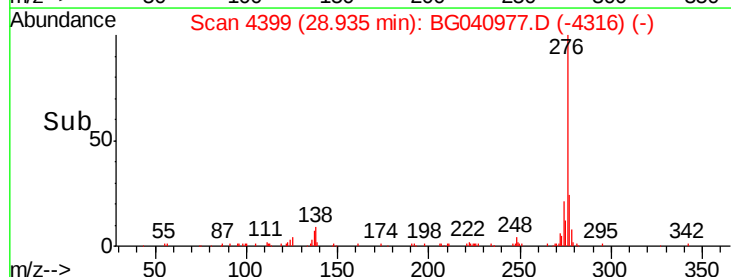
277 25.4 20.8 31.2

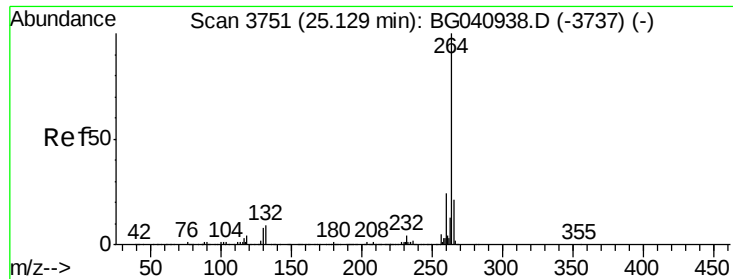


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Perylene-d12

Concen: 20.000 ng

RT: 25.11 min Scan# 3748

Delta R.T. -0.02 min

Lab File: BG040977.D

Acq: 31 May 2019 14:03

Instrument :

BNA\_G

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2019

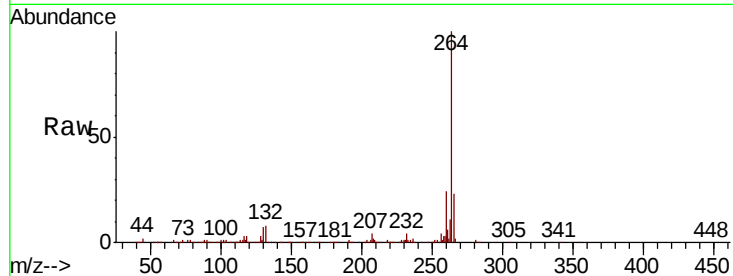
Tgt Ion:264 Resp: 422195

Ion Ratio Lower Upper

264 100

260 23.6 19.0 28.4

265 22.7 17.0 25.4

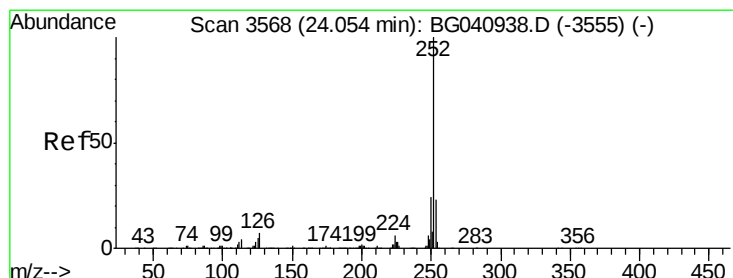
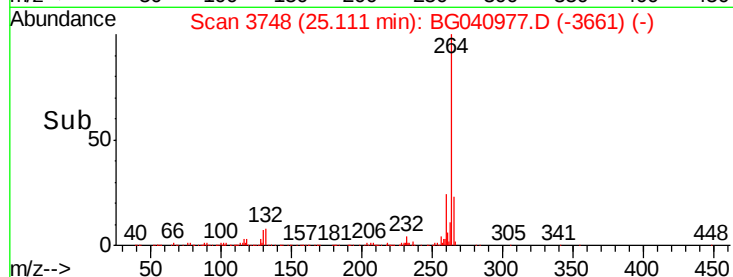
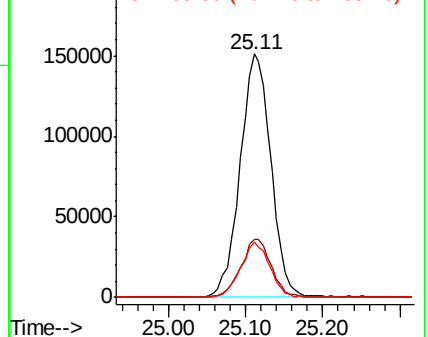


Abundance

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: 7.469 ng

RT: 24.04 min Scan# 3566

Delta R.T. -0.01 min

Lab File: BG040977.D

Acq: 31 May 2019 14:03

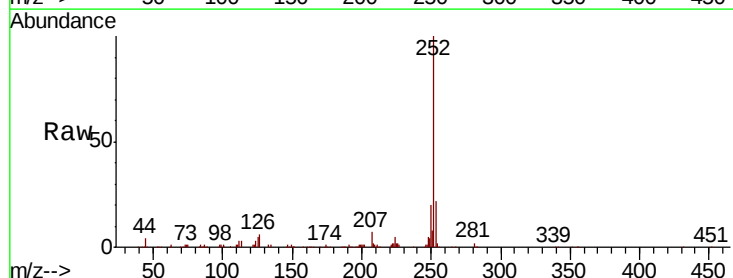
Tgt Ion:252 Resp: 191269

Ion Ratio Lower Upper

252 100

253 21.9 18.4 27.6

125 5.5 4.3 6.5

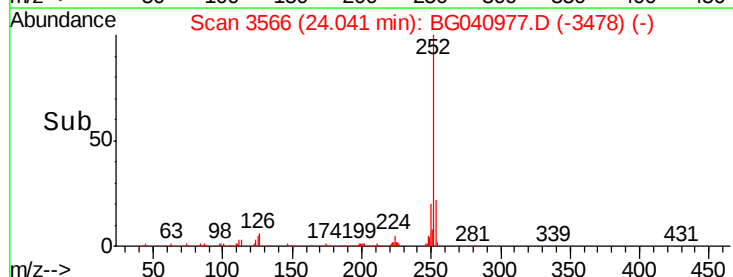
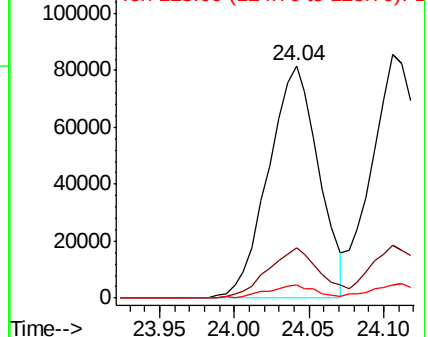


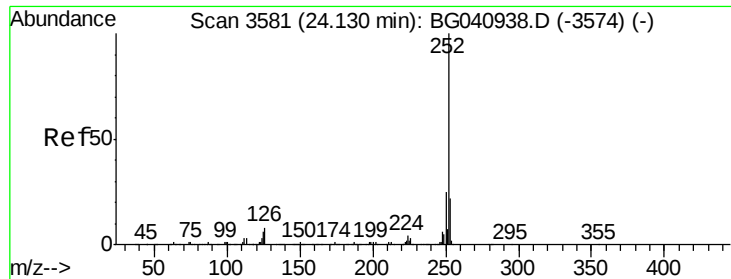
Abundance

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: 8.002 ng

RT: 24.11 min Scan# 3577

Delta R.T. -0.02 min

Lab File: BG040977.D

Acq: 31 May 2019 14:03

Instrument :

BNA\_G

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2019

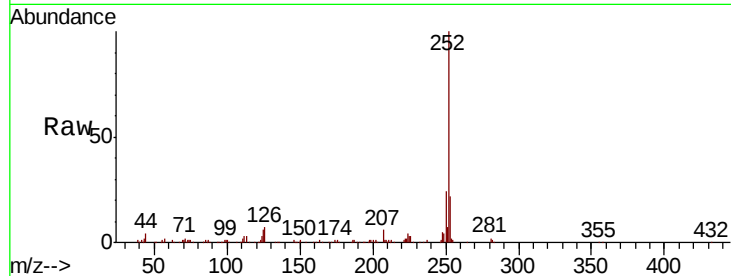
Tgt Ion:252 Resp: 202771

Ion Ratio Lower Upper

252 100

253 21.5 17.8 26.6

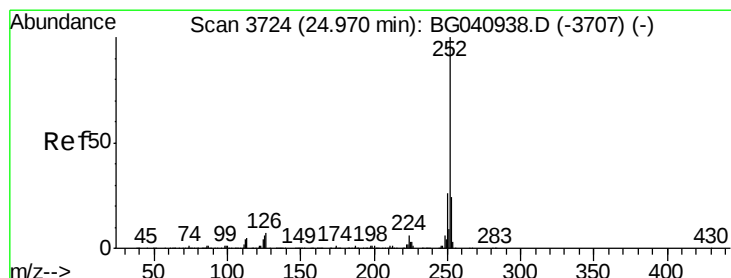
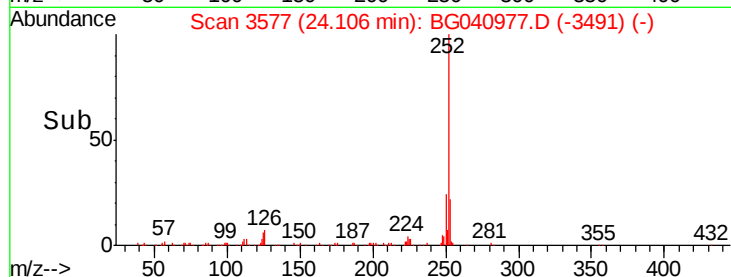
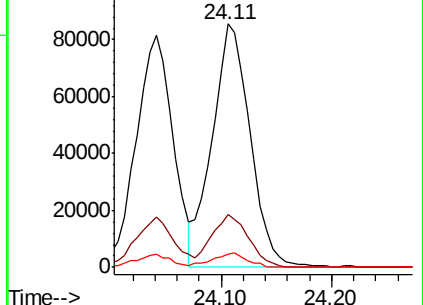
125 5.7 4.7 7.1



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



#90

Benzo(a)pyrene

Concen: 7.732 ng

RT: 24.95 min Scan# 3721

Delta R.T. -0.02 min

Lab File: BG040977.D

Acq: 31 May 2019 14:03

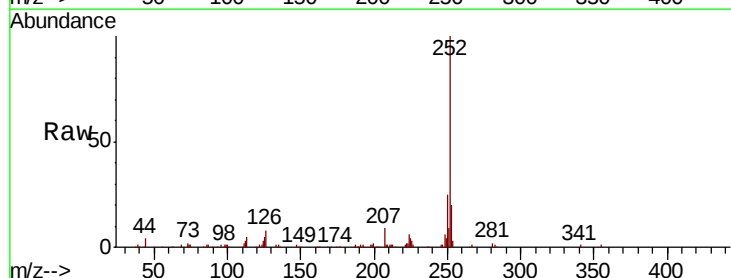
Tgt Ion:252 Resp: 188896

Ion Ratio Lower Upper

252 100

253 20.2 19.5 29.3

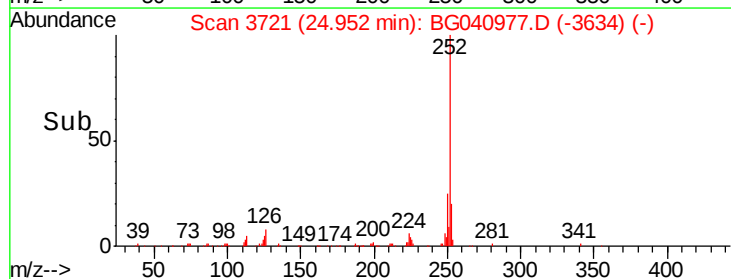
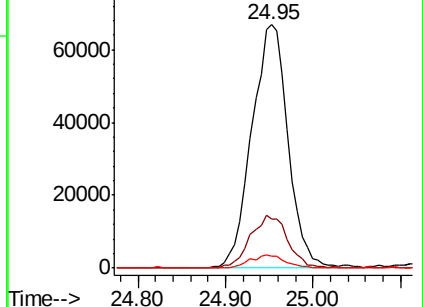
125 5.1 5.1 7.7

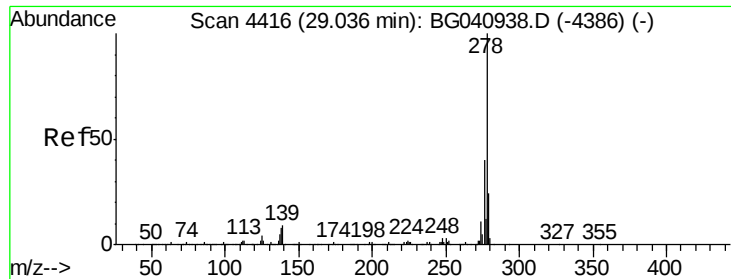


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 7.354 ng

RT: 29.01 min Scan# 4412

Delta R.T. -0.02 min

Lab File: BG040977.D

Acq: 31 May 2019 14:03

Instrument :

BNA\_G

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2019

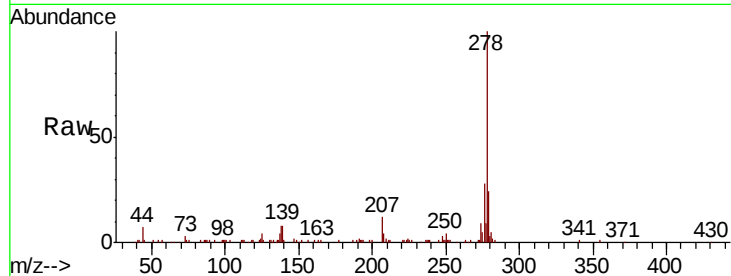
Tgt Ion:278 Resp: 179525

Ion Ratio Lower Upper

278 100

139 8.2 7.1 10.7

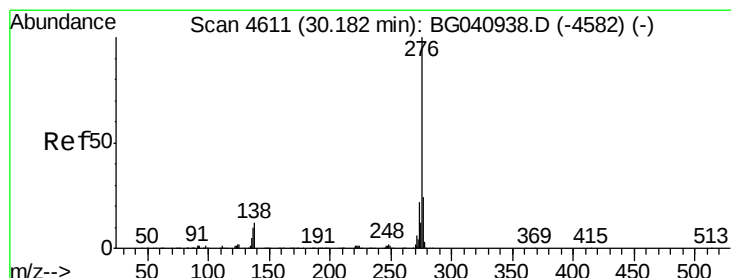
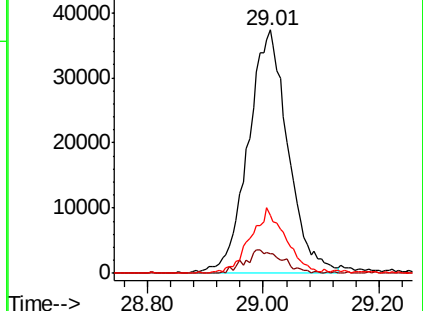
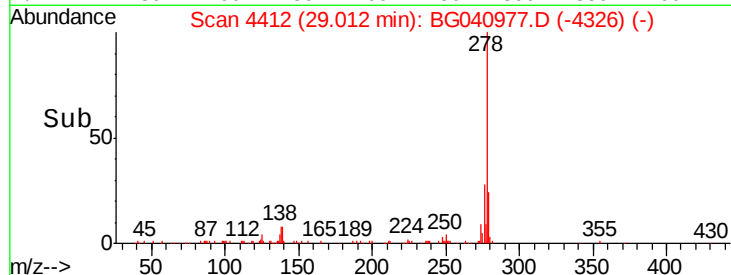
279 23.7 19.4 29.2



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: 7.799 ng

RT: 30.14 min Scan# 4604

Delta R.T. -0.04 min

Lab File: BG040977.D

Acq: 31 May 2019 14:03

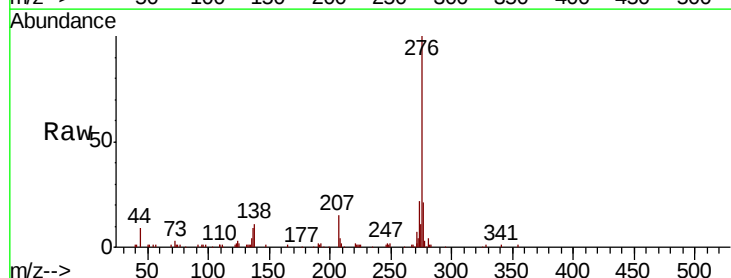
Tgt Ion:276 Resp: 184962

Ion Ratio Lower Upper

276 100

277 20.7 19.4 29.0

138 10.9 9.7 14.5



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

