

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_G\DATA\BG053119\  
 Data File : BG040985.D  
 Acq On : 31 May 2019 19:14  
 Operator : HP/JU  
 Sample : K2241-01  
 Misc : LOD-MDL-WATER-0.8PPM  
 ALS Vial : 12 Sample Multiplier: 1

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

Quant Time: Jun 01 05:15:36 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  | 53843    | 20.00 | ng    | -0.01    |
| 21) Naphthalene-d8        | 10.94 | 136  | 217320   | 20.00 | ng    | -0.01    |
| 39) Acenaphthene-d10      | 14.75 | 164  | 159746   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 17.50 | 188  | 406350   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 21.78 | 240  | 408053   | 20.00 | ng    | -0.01    |
| 87) Perylene-d12          | 25.11 | 264  | 432120   | 20.00 | ng    | -0.02    |

## System Monitoring Compounds

|                          |       |     |         |        |    |       |
|--------------------------|-------|-----|---------|--------|----|-------|
| 5) 2-Fluorophenol        | 5.65  | 112 | 354351  | 118.67 | ng | 0.00  |
| 7) Phenol-d6             | 7.26  | 99  | 510179  | 110.63 | ng | 0.00  |
| 23) Nitrobenzene-d5      | 9.30  | 82  | 374095  | 76.42  | ng | -0.01 |
| 42) 2,4,6-Tribromophenol | 16.23 | 330 | 297107  | 125.28 | ng | -0.01 |
| 45) 2-Fluorobiphenyl     | 13.37 | 172 | 873416  | 78.74  | ng | -0.01 |
| 79) Terphenyl-d14        | 20.09 | 244 | 1533970 | 79.78  | ng | -0.01 |

## Target Compounds

|                                |       |     |       |        |    | Qvalue |
|--------------------------------|-------|-----|-------|--------|----|--------|
| 2) 1,4-Dioxane                 | 3.53  | 88  | 10240 | 7.557  | ng | # 95   |
| 3) Pyridine                    | 3.94  | 79  | 26335 | 6.568  | ng | 91     |
| 4) n-Nitrosodimethylamine      | 3.86  | 42  | 13015 | 6.994  | ng | # 89   |
| 6) Aniline                     | 7.44  | 93  | 41176 | 6.689  | ng | 91     |
| 8) 2-Chlorophenol              | 7.68  | 128 | 26058 | 7.320  | ng | 96     |
| 9) Benzaldehyde                | 7.26  | 77  | 29506 | 10.726 | ng | # 75   |
| 10) Phenol                     | 7.29  | 94  | 34225 | 6.922  | ng | 98     |
| 11) bis(2-Chloroethyl)ether    | 7.53  | 93  | 26694 | 7.442  | ng | 97     |
| 12) 1,3-Dichlorobenzene        | 8.01  | 146 | 31224 | 7.344  | ng | 99     |
| 13) 1,4-Dichlorobenzene        | 8.16  | 146 | 32087 | 7.456  | ng | 90     |
| 14) 1,2-Dichlorobenzene        | 8.47  | 146 | 29409 | 7.038  | ng | 94     |
| 15) Benzyl Alcohol             | 8.36  | 79  | 30107 | 7.058  | ng | 93     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.65  | 45  | 43413 | 7.407  | ng | 97     |
| 17) 2-Methylphenol             | 8.55  | 107 | 23126 | 6.460  | ng | 97     |
| 18) Hexachloroethane           | 9.21  | 117 | 11878 | 7.161  | ng | 94     |
| 19) n-Nitroso-di-n-propylamine | 8.92  | 70  | 25517 | 7.190  | ng | 97     |
| 20) 3+4-Methylphenols          | 8.88  | 107 | 31239 | 6.299  | ng | 99     |
| 22) Acetophenone               | 8.95  | 105 | 48761 | 7.999  | ng | # 93   |
| 24) Nitrobenzene               | 9.34  | 77  | 38998 | 7.817  | ng | 95     |
| 25) Isophorone                 | 9.85  | 82  | 70384 | 7.555  | ng | 96     |
| 26) 2-Nitrophenol              | 10.05 | 139 | 14711 | 7.153  | ng | 95     |
| 27) 2,4-Dimethylphenol         | 10.09 | 122 | 24488 | 7.210  | ng | 88     |
| 28) bis(2-Chloroethoxy)methane | 10.34 | 93  | 37972 | 7.552  | ng | 96     |
| 29) 2,4-Dichlorophenol         | 10.58 | 162 | 29055 | 6.736  | ng | 96     |
| 30) 1,2,4-Trichlorobenzene     | 10.80 | 180 | 36882 | 7.517  | ng | 95     |
| 31) Naphthalene                | 10.99 | 128 | 91304 | 7.825  | ng | 98     |
| 32) Benzoic acid               | 10.27 | 122 | 890   | 8.410  | ng | # 84   |
| 33) 4-Chloroaniline            | 11.11 | 127 | 36162 | 6.680  | ng | 94     |
| 34) Hexachlorobutadiene        | 11.26 | 225 | 27840 | 7.415  | ng | 98     |
| 35) Caprolactam                | 11.86 | 113 | 9120  | 6.403  | ng | 97     |
| 36) 4-Chloro-3-methylphenol    | 12.20 | 107 | 34696 | 7.043  | ng | 91     |
| 37) 2-Methylnaphthalene        | 12.59 | 142 | 66504 | 7.400  | ng | 98     |
| 38) 1-Methylnaphthalene        | 12.81 | 142 | 65874 | 7.779  | ng | 95     |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.94 | 216 | 51063 | 7.931  | ng | 99     |

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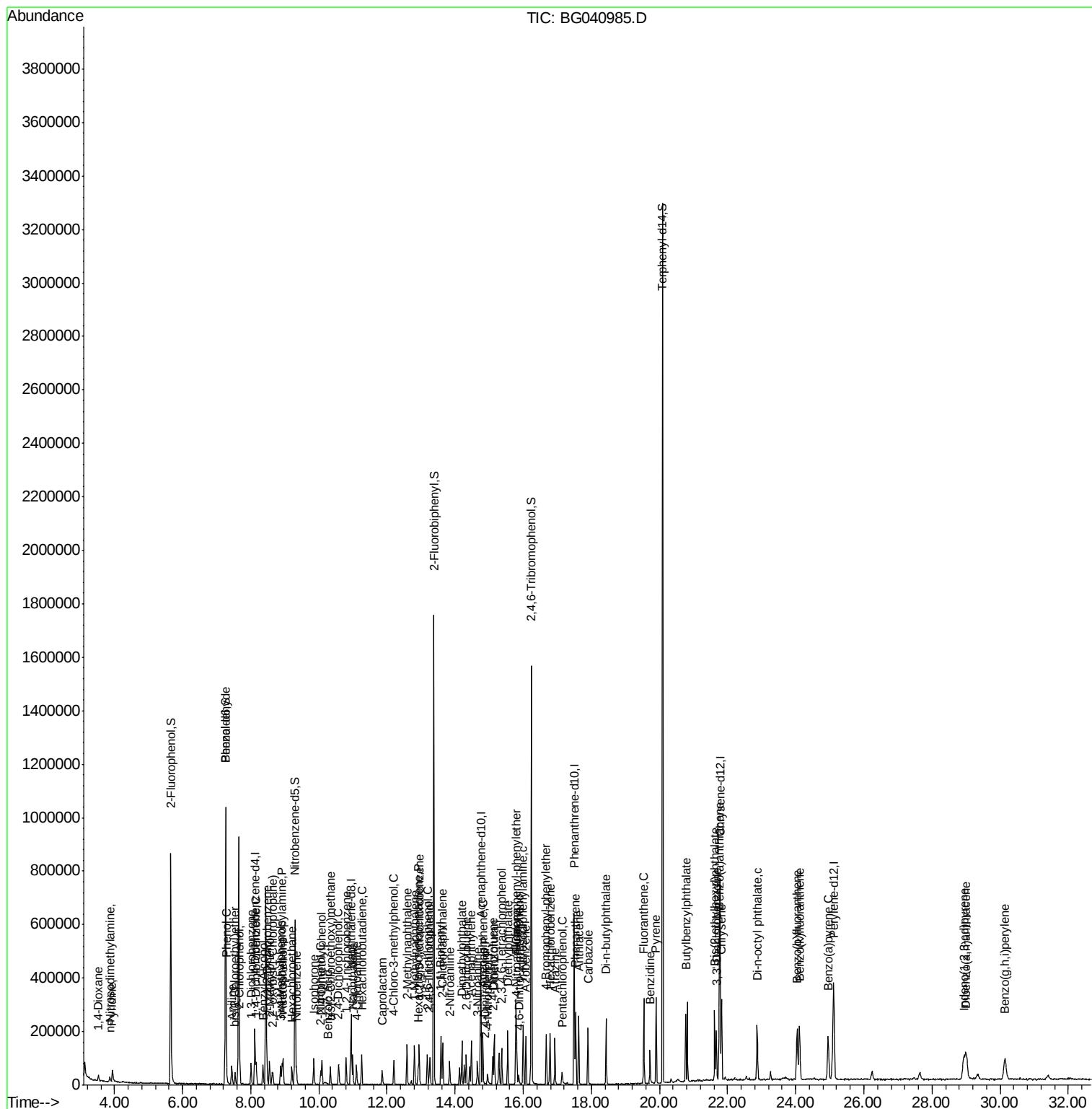
| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 12.91 | 237  | 19227    | 13.219 | ng    | 95       |
| 43) 2,4,6-Trichlorophenol      | 13.19 | 196  | 28949    | 6.950  | ng    | 97       |
| 44) 2,4,5-Trichlorophenol      | 13.26 | 196  | 31716    | 7.220  | ng    | 96       |
| 46) 1,1'-Biphenyl              | 13.58 | 154  | 91773    | 7.761  | ng    | 94       |
| 47) 2-Chloronaphthalene        | 13.64 | 162  | 76267    | 7.513  | ng    | 95       |
| 48) 2-Nitroaniline             | 13.84 | 65   | 24951    | 6.851  | ng    | 97       |
| 49) Acenaphthylene             | 14.48 | 152  | 121031   | 7.922  | ng    | 99       |
| 50) Dimethylphthalate          | 14.20 | 163  | 101306   | 7.492  | ng    | # 97     |
| 51) 2,6-Dinitrotoluene         | 14.33 | 165  | 20689    | 7.096  | ng    | 97       |
| 52) Acenaphthene               | 14.81 | 154  | 69974    | 7.560  | ng    | 97       |
| 53) 3-Nitroaniline             | 14.65 | 138  | 20480    | 7.025  | ng    | # 94     |
| 54) 2,4-Dinitrophenol          | 14.88 | 184  | 1301     | 9.331  | ng    | 89       |
| 55) Dibenzofuran               | 15.15 | 168  | 123189   | 7.910  | ng    | 97       |
| 56) 4-Nitrophenol              | 14.95 | 139  | 10378    | 5.190  | ng    | # 83     |
| 57) 2,4-Dinitrotoluene         | 15.11 | 165  | 29381    | 7.134  | ng    | # 96     |
| 58) Fluorene                   | 15.79 | 166  | 97916    | 7.895  | ng    | 97       |
| 59) 2,3,4,6-Tetrachlorophenol  | 15.37 | 232  | 31657    | 7.333  | ng    | # 98     |
| 60) Diethylphthalate           | 15.55 | 149  | 102390   | 7.419  | ng    | 99       |
| 61) 4-Chlorophenyl-phenylether | 15.78 | 204  | 59046    | 7.324  | ng    | 91       |
| 62) 4-Nitroaniline             | 15.81 | 138  | 21478    | 6.959  | ng    | 99       |
| 63) Azobenzene                 | 16.08 | 77   | 97776    | 7.795  | ng    | 96       |
| 65) 4,6-Dinitro-2-methylphenol | 15.86 | 198  | 9660     | 12.232 | ng    | 95       |
| 66) n-Nitrosodiphenylamine     | 15.99 | 169  | 88033    | 7.707  | ng    | 97       |
| 67) 4-Bromophenyl-phenylether  | 16.68 | 248  | 38445    | 7.011  | ng    | 93       |
| 68) Hexachlorobenzene          | 16.79 | 284  | 41245    | 7.063  | ng    | 96       |
| 69) Atrazine                   | 16.93 | 200  | 35538    | 8.063  | ng    | 88       |
| 70) Pentachlorophenol          | 17.14 | 266  | 12894    | 8.159  | ng    | 92       |
| 71) Phenanthrene               | 17.54 | 178  | 169411   | 8.004  | ng    | 98       |
| 72) Anthracene                 | 17.63 | 178  | 166313   | 7.967  | ng    | 97       |
| 73) Carbazole                  | 17.90 | 167  | 140190   | 7.827  | ng    | 99       |
| 74) Di-n-butylphthalate        | 18.43 | 149  | 162531   | 7.301  | ng    | 98       |
| 75) Fluoranthene               | 19.54 | 202  | 215781   | 8.254  | ng    | 98       |
| 77) Benzidine                  | 19.72 | 184  | 74663    | 7.670  | ng    | 97       |
| 78) Pyrene                     | 19.90 | 202  | 221042   | 8.333  | ng    | 96       |
| 80) Butylbenzylphthalate       | 20.77 | 149  | 74912    | 7.257  | ng    | 98       |
| 81) Benzo(a)anthracene         | 21.75 | 228  | 220257   | 8.109  | ng    | 98       |
| 82) 3,3'-Dichlorobenzidine     | 21.67 | 252  | 71307    | 7.464  | ng    | 97       |
| 83) Chrysene                   | 21.82 | 228  | 206685   | 7.951  | ng    | 98       |
| 84) Bis(2-ethylhexyl)phthalate | 21.62 | 149  | 102345   | 7.043  | ng    | 96       |
| 85) Di-n-octyl phthalate       | 22.87 | 149  | 173697   | 7.177  | ng    | 98       |
| 86) Indeno(1,2,3-cd)pyrene     | 28.94 | 276  | 221900   | 6.969  | ng    | # 59     |
| 88) Benzo(b)fluoranthene       | 24.04 | 252  | 197758   | 7.545  | ng    | 98       |
| 89) Benzo(k)fluoranthene       | 24.11 | 252  | 204329   | 7.878  | ng    | 98       |
| 90) Benzo(a)pyrene             | 24.95 | 252  | 194866   | 7.793  | ng    | 92       |
| 91) Dibenzo(a,h)anthracene     | 29.01 | 278  | 181984   | 7.283  | ng    | # 97     |
| 92) Benzo(g,h,i)perylene       | 30.14 | 276  | 184728   | 7.610  | ng    | 95       |

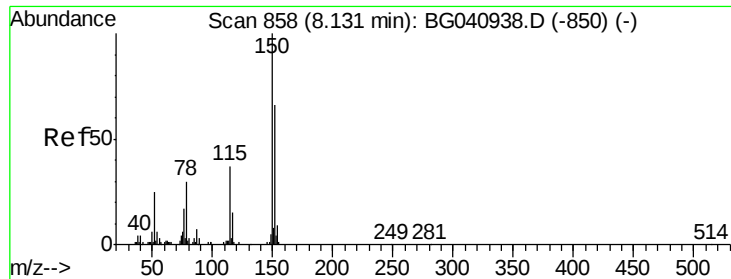
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial  : 12    Sample Multiplier: 1
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BNA\_G  
**ClientSampleId :**  
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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.12 min Scan# 856

Delta R.T. -0.01 min

Lab File: BG040985.D

Acq: 31 May 2019 19:14

Instrument :

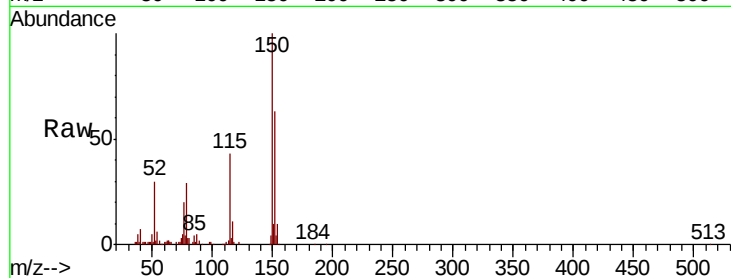
BNA\_G

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2019

Tgt Ion:152 Resp: 53843

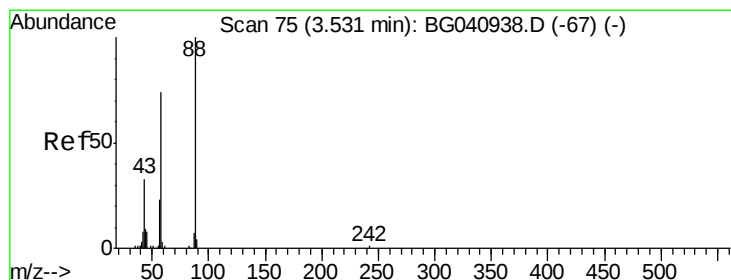
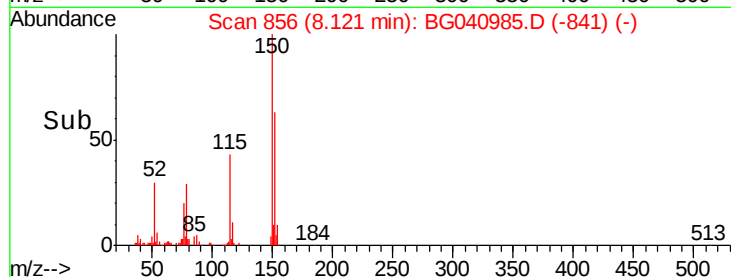
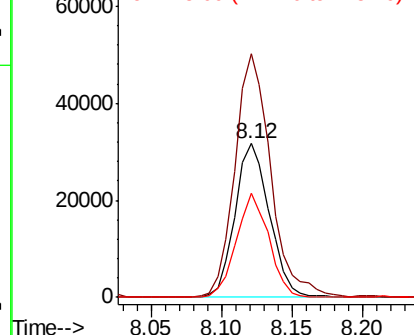
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 152 | 100   |       |       |
| 150 | 158.7 | 120.6 | 180.8 |
| 115 | 67.9  | 45.1  | 67.7# |



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: 7.557 ng

RT: 3.53 min Scan# 74

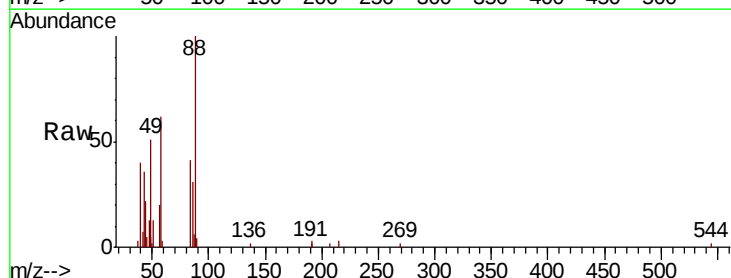
Delta R.T. -0.00 min

Lab File: BG040985.D

Acq: 31 May 2019 19:14

Tgt Ion: 88 Resp: 10240

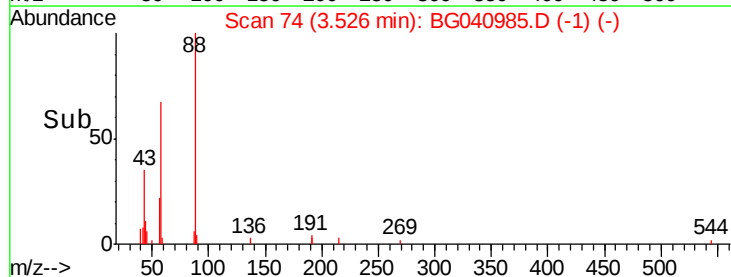
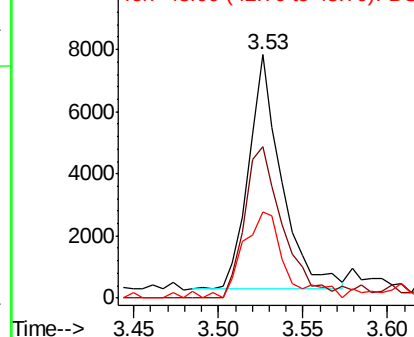
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 88  | 100   |       |       |
| 58  | 74.2  | 59.0  | 88.6  |
| 43  | 41.7  | 27.2  | 40.8# |



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: 6.568 ng

RT: 3.94 min Scan# 144

Delta R.T. 0.00 min

Lab File: BG040985.D

Acq: 31 May 2019 19:14

Instrument :

BNA\_G

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2019

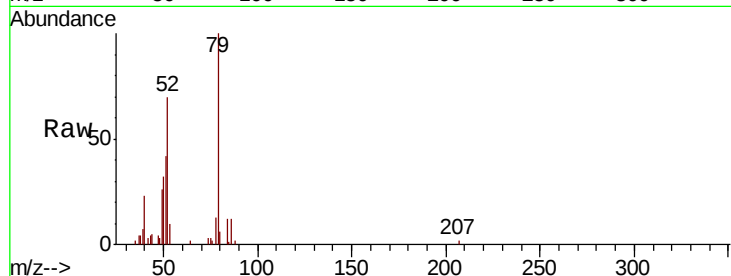
Tgt Ion: 79 Resp: 26335

Ion Ratio Lower Upper

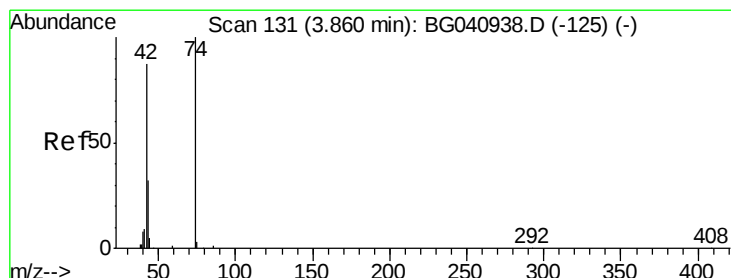
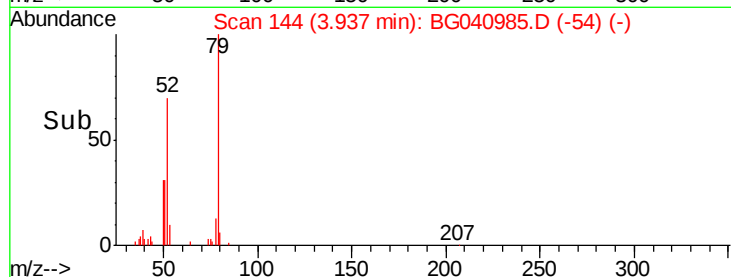
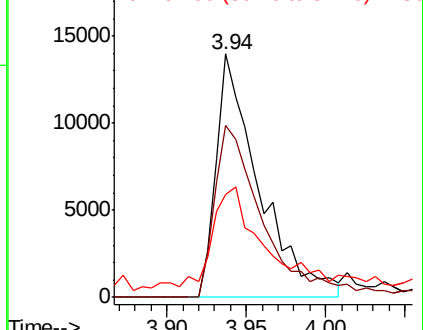
79 100

52 70.5 64.8 97.2

51 42.4 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: 6.994 ng

RT: 3.86 min Scan# 131

Delta R.T. 0.00 min

Lab File: BG040985.D

Acq: 31 May 2019 19:14

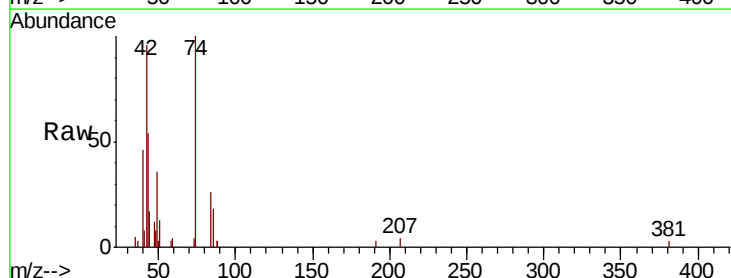
Tgt Ion: 42 Resp: 13015

Ion Ratio Lower Upper

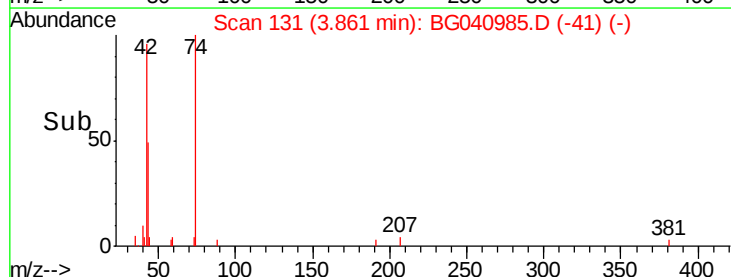
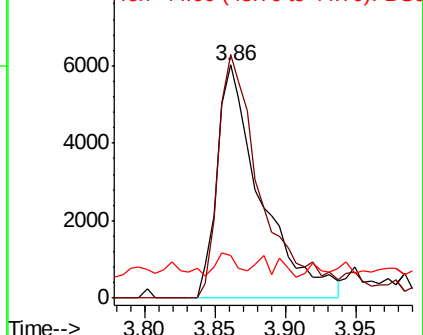
42 100

74 104.6 91.8 137.6

44 18.1 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: 118.673 ng

RT: 5.65 min Scan# 436

Delta R.T. -0.00 min

Lab File: BG040985.D

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BNA\_G

ClientSampleId :

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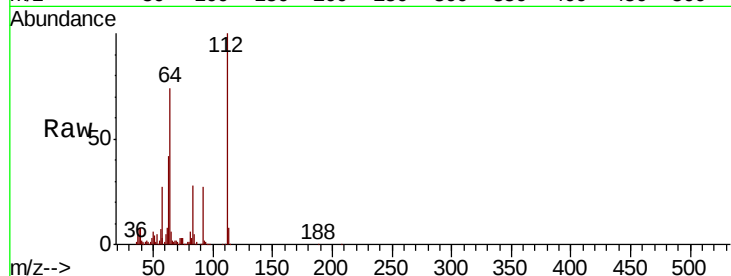
Tgt Ion:112 Resp: 354351

Ion Ratio Lower Upper

112 100

64 73.6 56.2 84.2

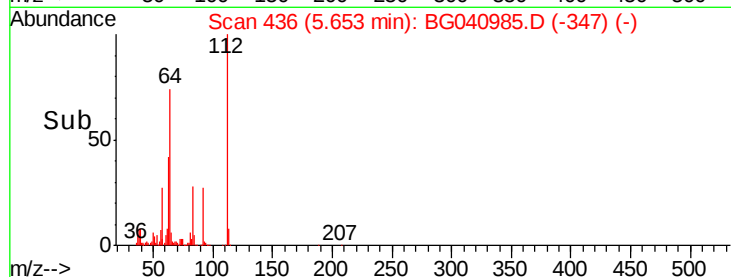
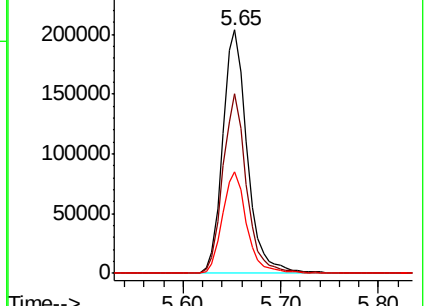
63 42.0 32.8 49.2



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: 6.689 ng

RT: 7.44 min Scan# 741

Delta R.T. -0.01 min

Lab File: BG040985.D

Acq: 31 May 2019 19:14

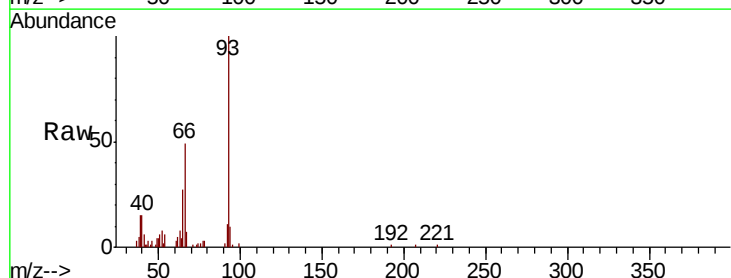
Tgt Ion: 93 Resp: 41176

Ion Ratio Lower Upper

93 100

66 48.9 33.8 50.8

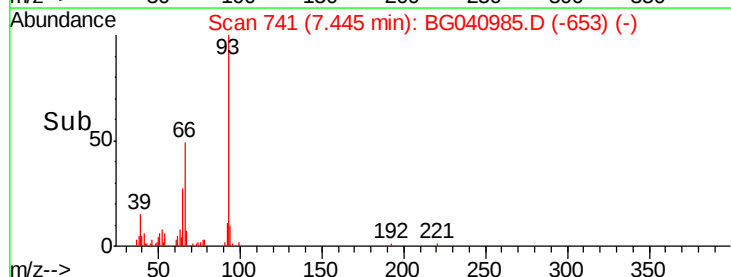
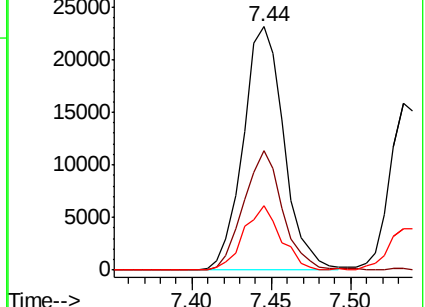
65 26.5 18.3 27.5

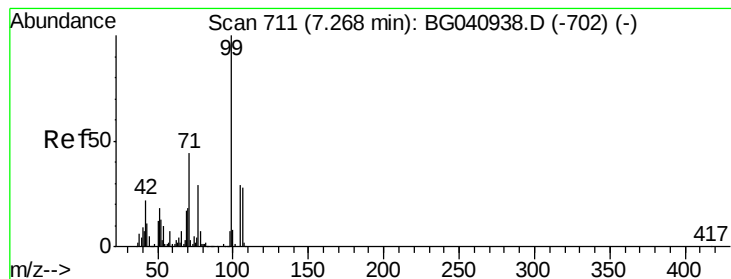


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 110.632 ng

RT: 7.26 min Scan# 710

Delta R.T. -0.00 min

Lab File: BG040985.D

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Instrument :

BNA\_G

ClientSampleId :

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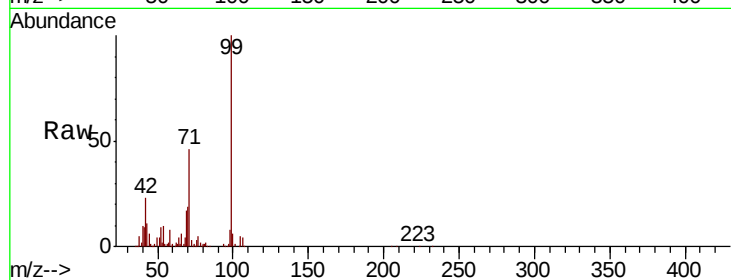
Tgt Ion: 99 Resp: 510179

Ion Ratio Lower Upper

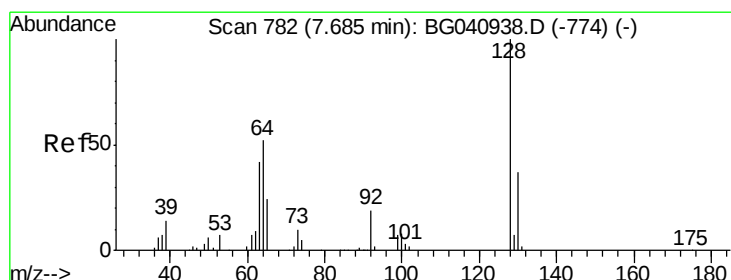
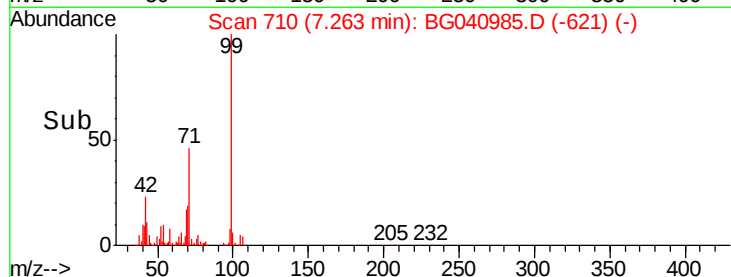
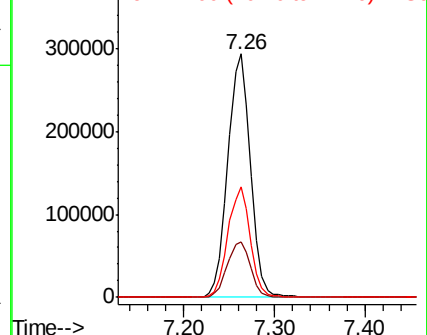
99 100

42 22.8 17.9 26.9

71 45.6 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: 7.320 ng

RT: 7.68 min Scan# 781

Delta R.T. -0.00 min

Lab File: BG040985.D

Acq: 31 May 2019 19:14

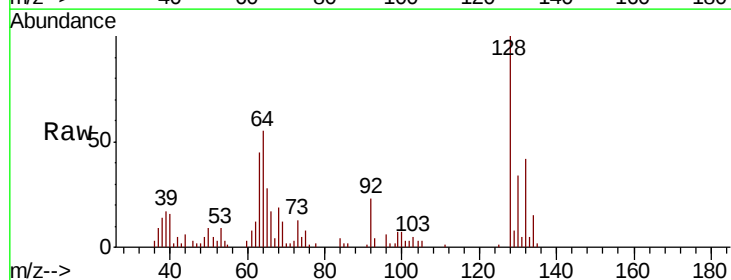
Tgt Ion: 128 Resp: 26058

Ion Ratio Lower Upper

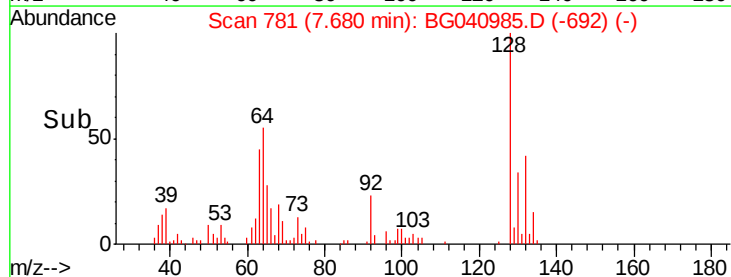
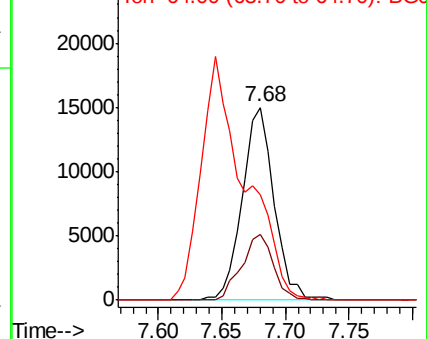
128 100

130 34.4 16.6 56.6

64 55.0 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: 10.726 ng

RT: 7.26 min Scan# 709

Delta R.T. -0.01 min

Lab File: BG040985.D

Acq: 31 May 2019 19:14

Instrument :

BNA\_G

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2019

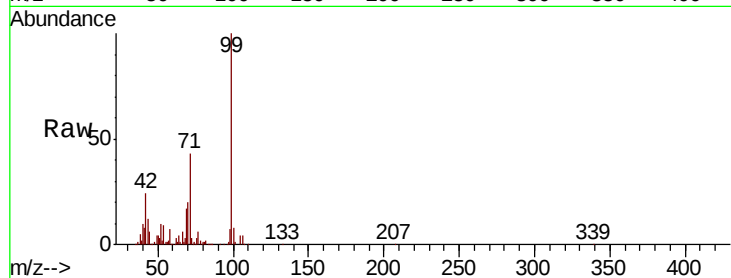
Tgt Ion: 77 Resp: 29506

Ion Ratio Lower Upper

77 100

105 71.2 78.9 118.9#

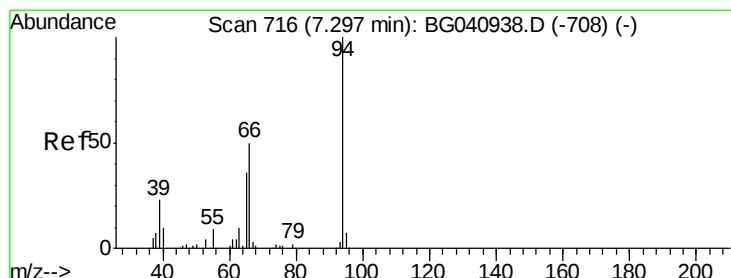
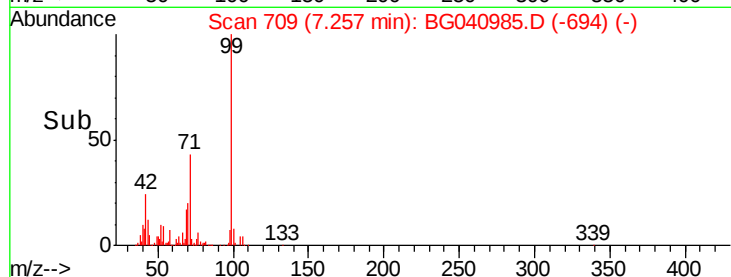
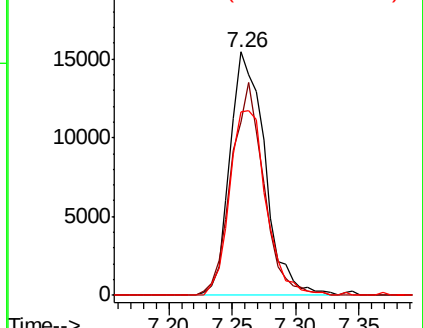
106 75.2 76.7 116.7#



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 6.922 ng

RT: 7.29 min Scan# 714

Delta R.T. -0.01 min

Lab File: BG040985.D

Acq: 31 May 2019 19:14

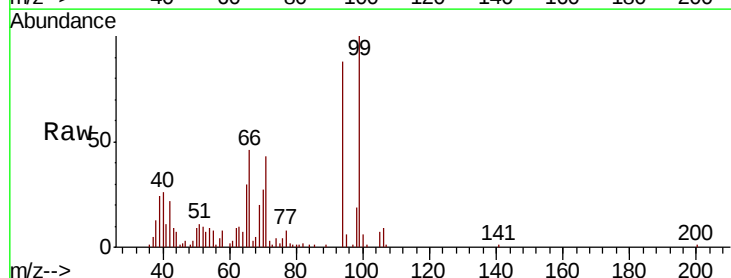
Tgt Ion: 94 Resp: 34225

Ion Ratio Lower Upper

94 100

65 33.5 17.0 57.0

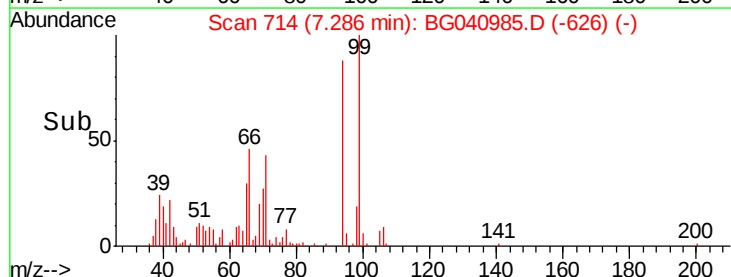
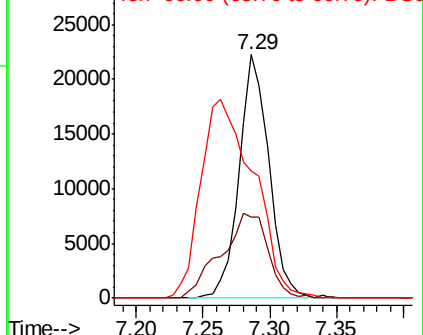
66 52.4 32.4 72.4

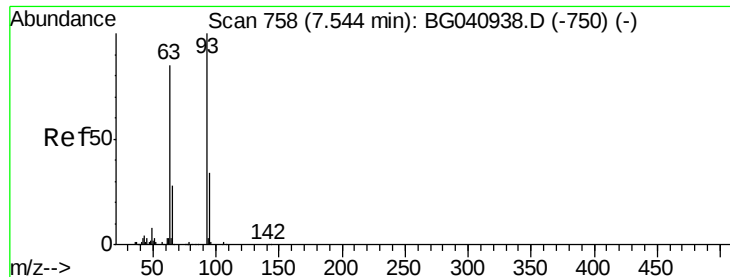


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

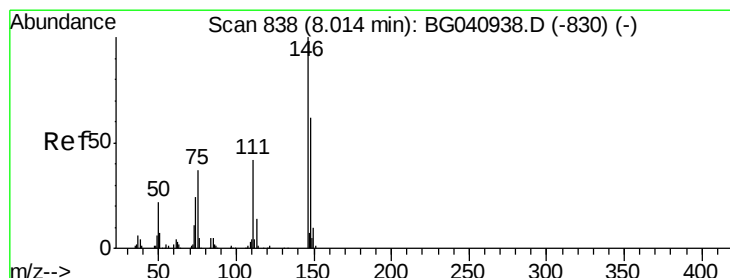
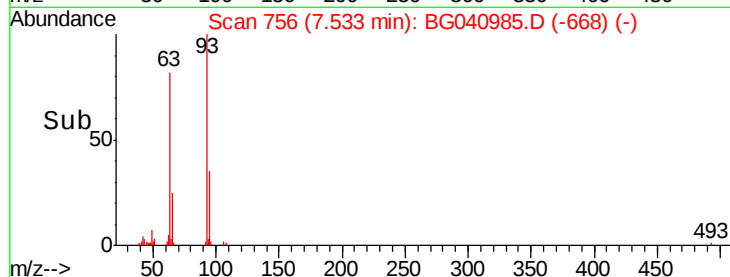
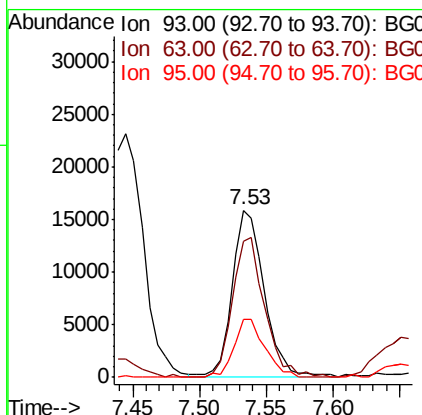
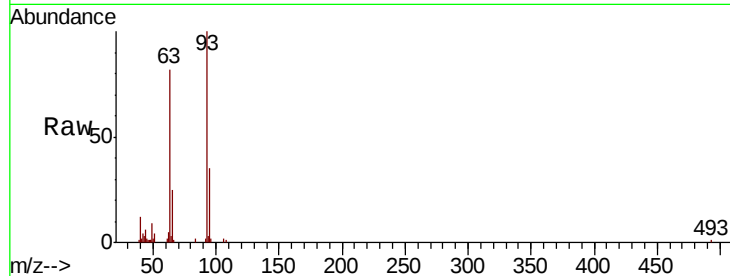




#11  
 bis(2-Chloroethyl)ether  
 Concen: 7.442 ng  
 RT: 7.53 min Scan# 756  
 Delta R.T. -0.01 min  
 Lab File: BG040985.D  
 Acq: 31 May 2019 19:14

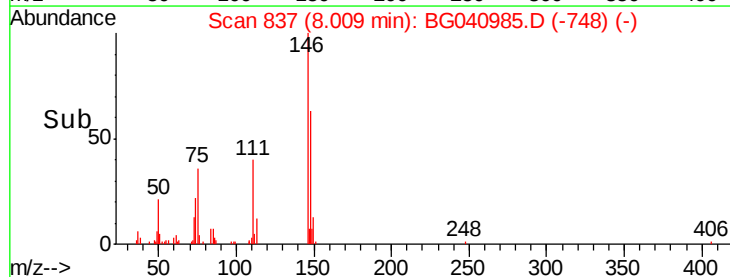
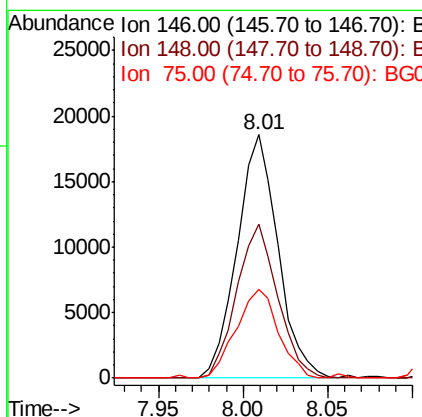
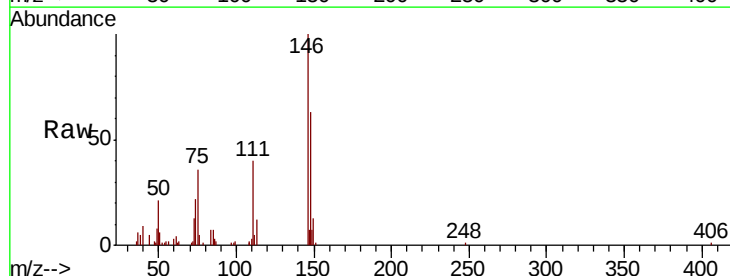
Instrument :  
 BNA\_G  
 ClientSampleId :  
 LOD-MDL-SOIL-01-QT2-2019

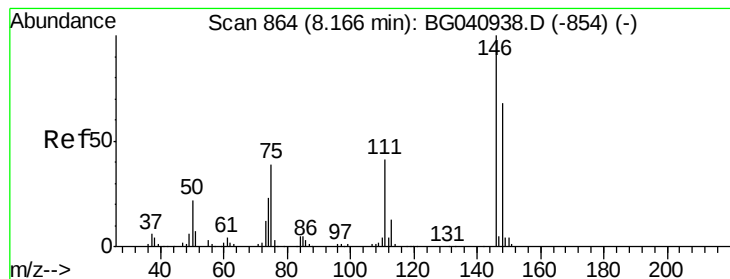
Tgt Ion: 93 Resp: 26694  
 Ion Ratio Lower Upper  
 93 100  
 63 81.6 64.5 104.5  
 95 34.7 13.3 53.3



#12  
 1,3-Dichlorobenzene  
 Concen: 7.344 ng  
 RT: 8.01 min Scan# 837  
 Delta R.T. -0.00 min  
 Lab File: BG040985.D  
 Acq: 31 May 2019 19:14

Tgt Ion: 146 Resp: 31224  
 Ion Ratio Lower Upper  
 146 100  
 148 63.0 49.2 73.8  
 75 36.4 29.4 44.0





#13

1,4-Dichlorobenzene

Concen: 7.456 ng

RT: 8.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: BG040985.D

Acq: 31 May 2019 19:14

Instrument :

BNA\_G

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2019

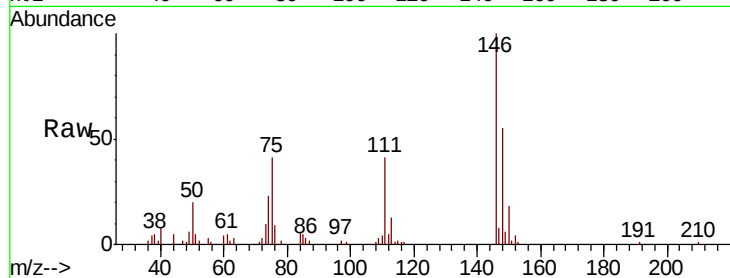
Tgt Ion:146 Resp: 32087

Ion Ratio Lower Upper

146 100

148 55.1 54.2 81.4

111 41.1 32.9 49.3

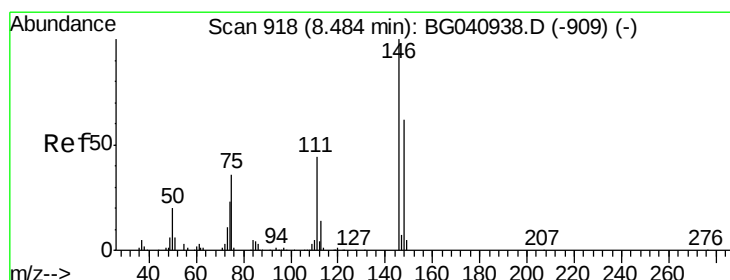
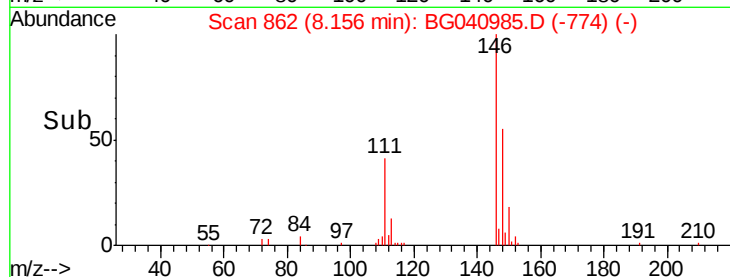
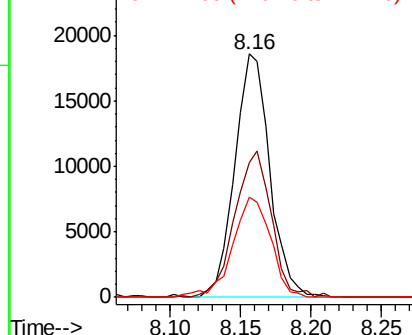


Abundance

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: 7.038 ng

RT: 8.47 min Scan# 916

Delta R.T. -0.01 min

Lab File: BG040985.D

Acq: 31 May 2019 19:14

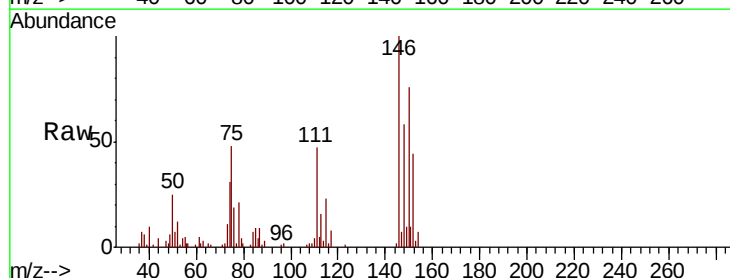
Tgt Ion:146 Resp: 29409

Ion Ratio Lower Upper

146 100

148 57.5 49.8 74.6

111 46.8 35.0 52.4

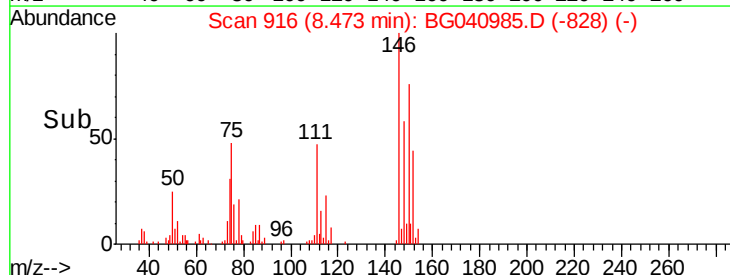
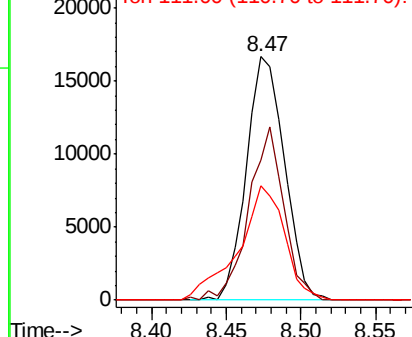


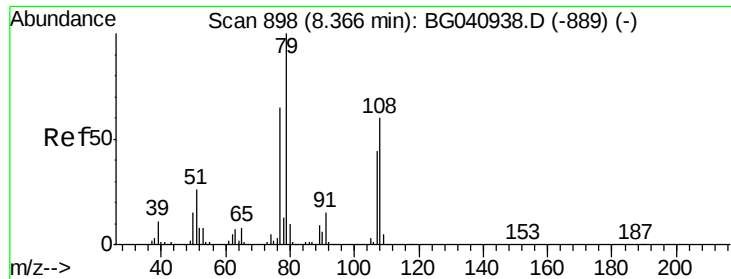
Abundance

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

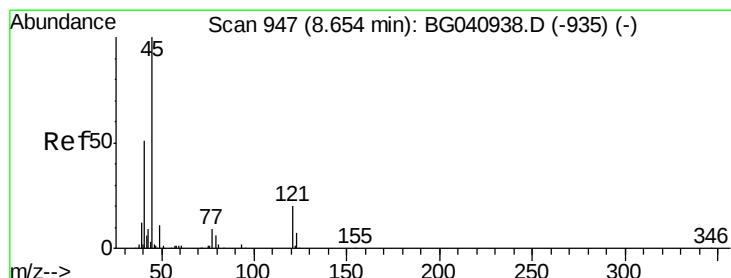
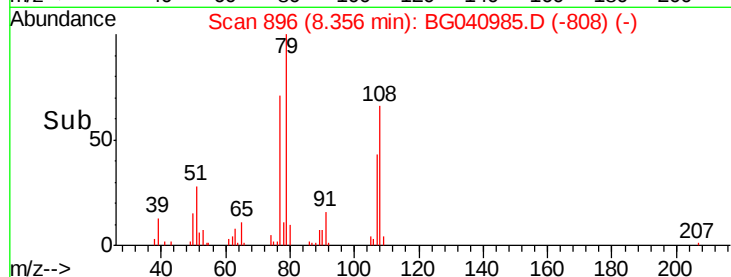
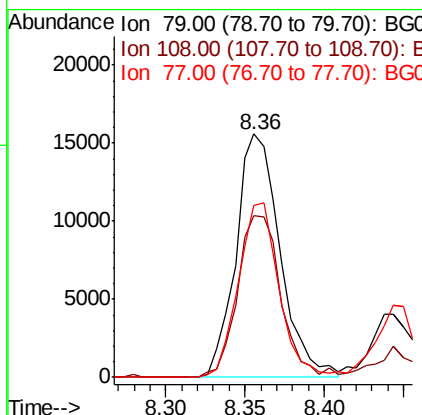
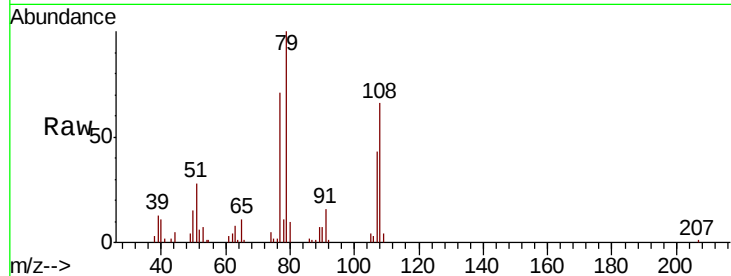




#15  
Benzyl Alcohol  
Concen: 7.058 ng  
RT: 8.36 min Scan# 896  
Delta R.T. -0.01 min  
Lab File: BG040985.D  
Acq: 31 May 2019 19:14

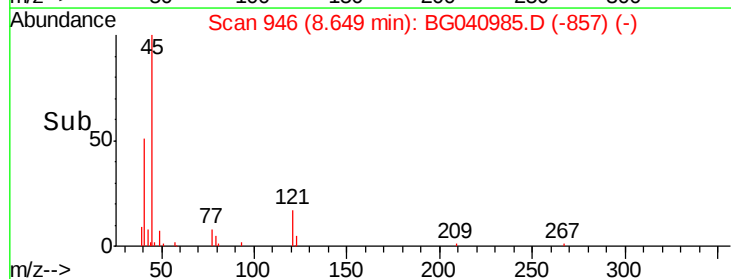
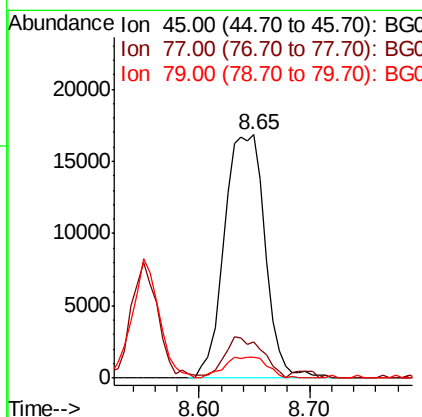
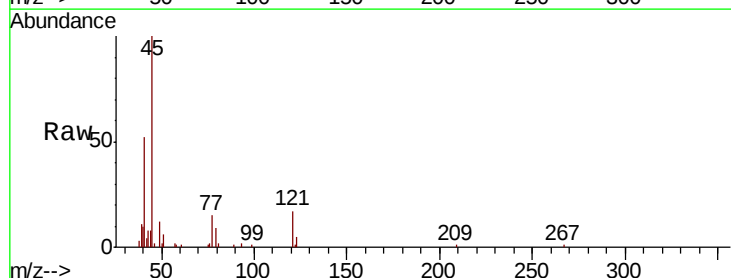
Instrument :  
BNA\_G  
ClientSampleId :  
LOD-MDL-SOIL-01-QT2-2019

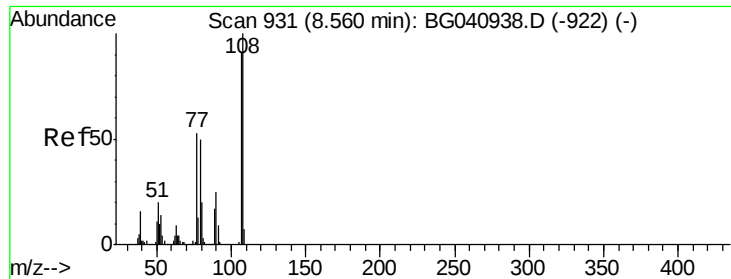
Tgt Ion: 79 Resp: 30107  
Ion Ratio Lower Upper  
79 100  
108 66.4 48.3 72.5  
77 70.6 52.3 78.5



#16  
2,2'-oxybis(1-chloropropane)  
Concen: 7.407 ng  
RT: 8.65 min Scan# 946  
Delta R.T. -0.00 min  
Lab File: BG040985.D  
Acq: 31 May 2019 19:14

Tgt Ion: 45 Resp: 43413  
Ion Ratio Lower Upper  
45 100  
77 14.7 0.0 33.7  
79 8.7 0.0 30.2

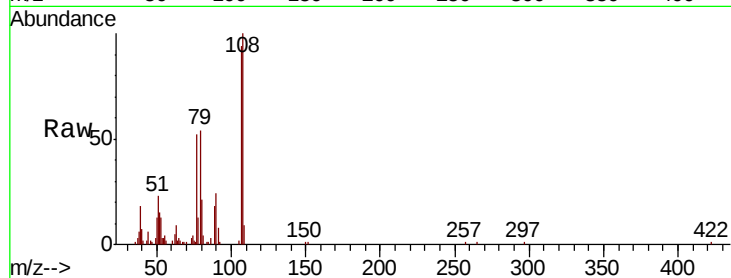




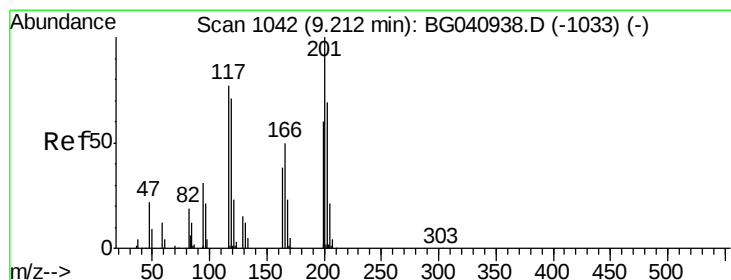
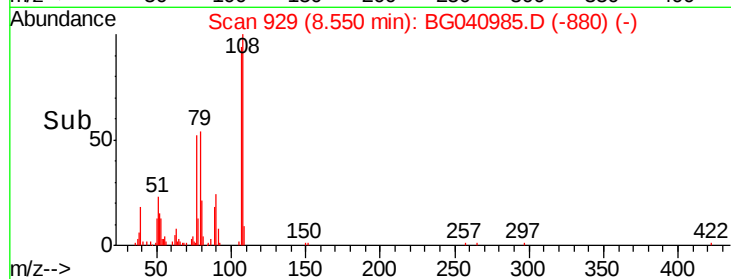
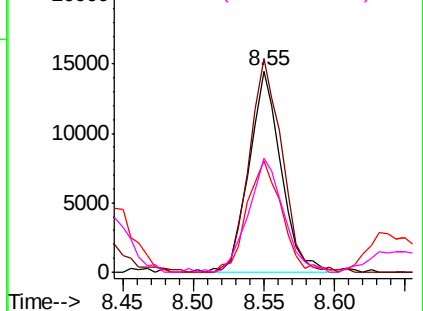
#17  
2-Methylphenol  
Concen: 6.460 ng  
RT: 8.55 min Scan# 929  
Delta R.T. -0.01 min  
Lab File: BG040985.D  
Acq: 31 May 2019 19:14

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

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 107   | Resp: | 23126 |
| Ion      | Ratio | Lower | Upper |
| 107      | 100   |       |       |
| 108      | 106.2 | 87.7  | 131.5 |
| 77       | 55.2  | 46.6  | 70.0  |
| 79       | 56.8  | 44.6  | 66.8  |

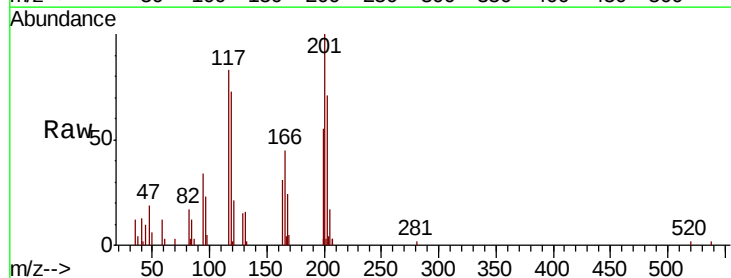


Abundance Ion 107.00 (106.70 to 107.70): E  
Ion 108.00 (107.70 to 108.70): E  
Ion 77.00 (76.70 to 77.70): BG  
Ion 79.00 (78.70 to 79.70): BG

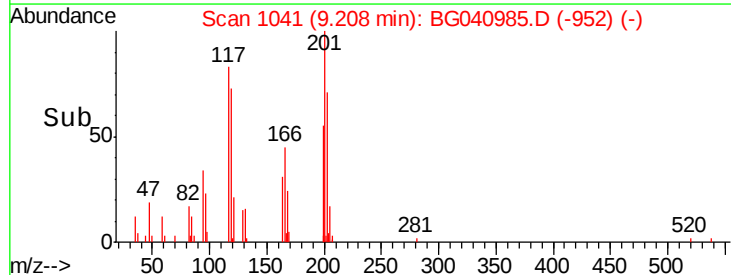
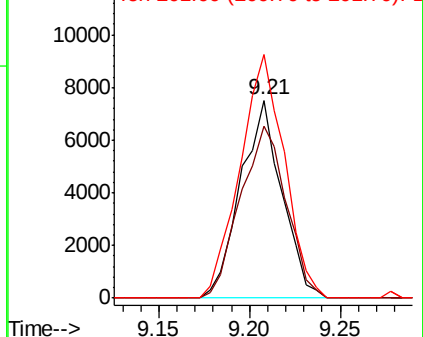


#18  
Hexachloroethane  
Concen: 7.161 ng  
RT: 9.21 min Scan# 1041  
Delta R.T. -0.00 min  
Lab File: BG040985.D  
Acq: 31 May 2019 19:14

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 11878 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 119      | 87.2  | 75.0  | 112.6 |
| 201      | 123.1 | 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

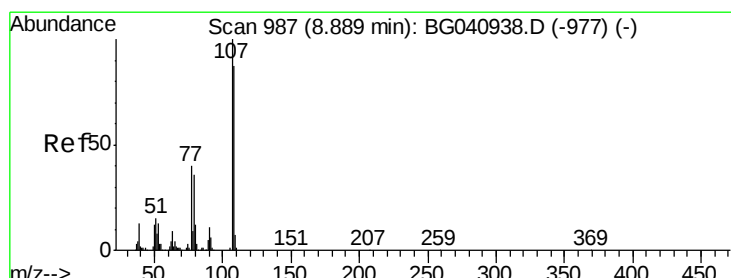
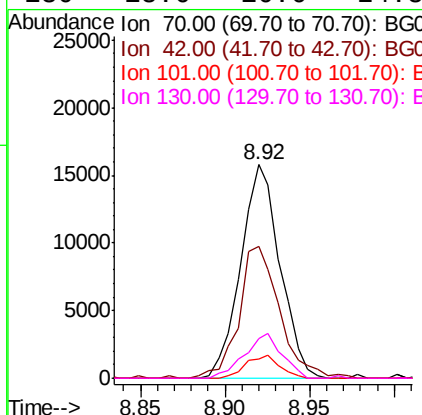
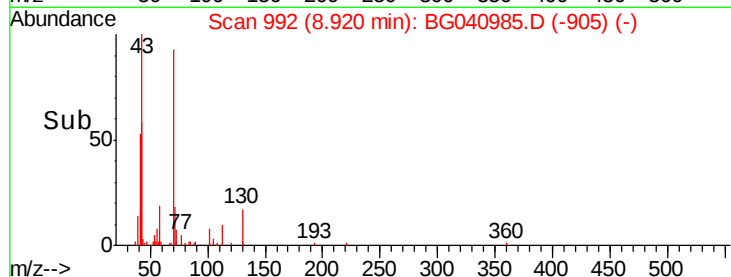
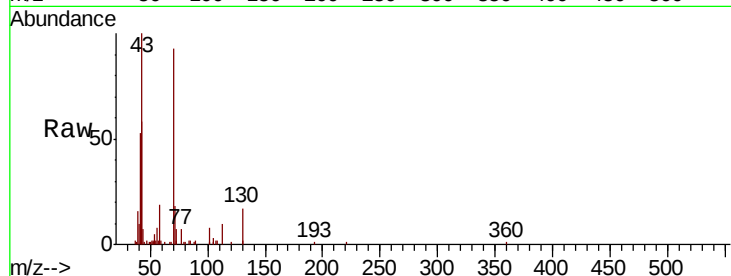




#19  
n-Nitroso-di-n-propylamine  
Concen: 7.190 ng  
RT: 8.92 min Scan# 992  
Delta R.T. -0.02 min  
Lab File: BG040985.D  
Acq: 31 May 2019 19:14

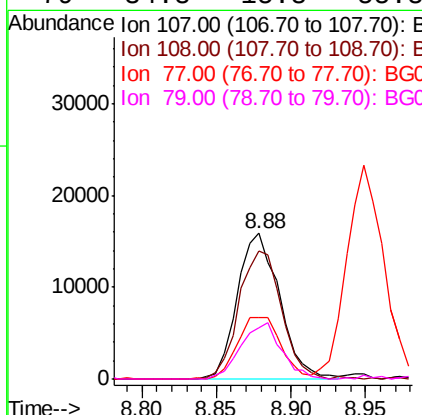
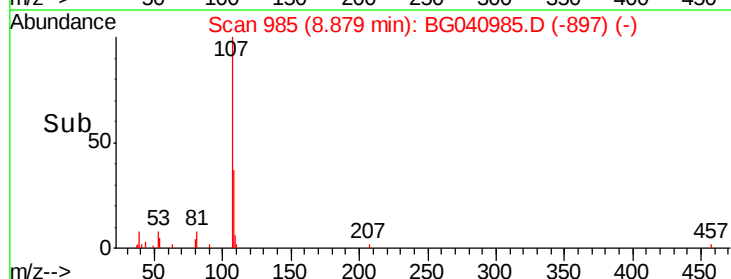
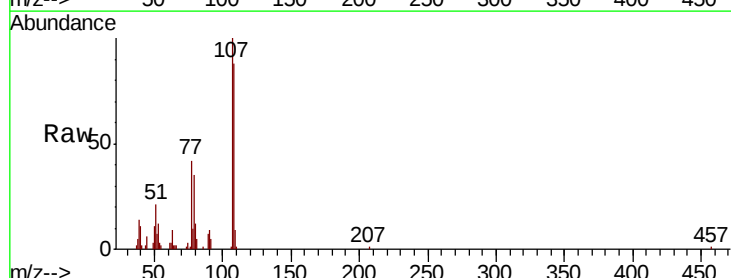
Instrument :  
BNA\_G  
ClientSampleId :  
LOD-MDL-SOIL-01-QT2-2019

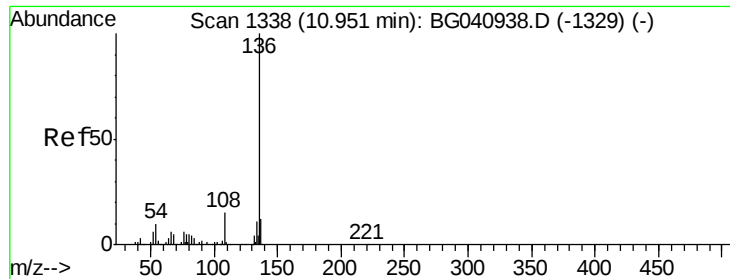
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 70    | Resp: | 25517 |
| Ion      | Ratio | Lower | Upper |
| 70       | 100   |       |       |
| 42       | 62.0  | 51.5  | 77.3  |
| 101      | 9.0   | 8.1   | 12.1  |
| 130      | 18.6  | 16.6  | 24.8  |



#20  
3+4-Methylphenols  
Concen: 6.299 ng  
RT: 8.88 min Scan# 985  
Delta R.T. -0.01 min  
Lab File: BG040985.D  
Acq: 31 May 2019 19:14

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 107   | Resp: | 31239 |
| Ion      | Ratio | Lower | Upper |
| 107      | 100   |       |       |
| 108      | 87.7  | 66.8  | 106.8 |
| 77       | 41.8  | 20.5  | 60.5  |
| 79       | 34.8  | 15.8  | 55.8  |

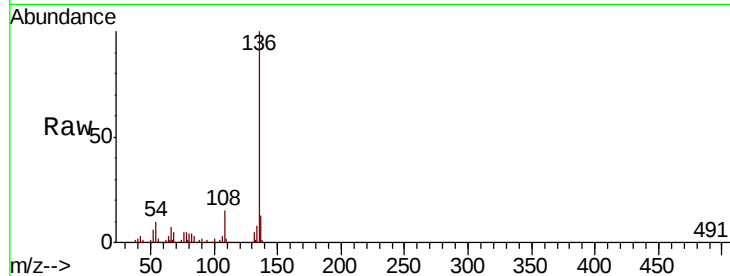




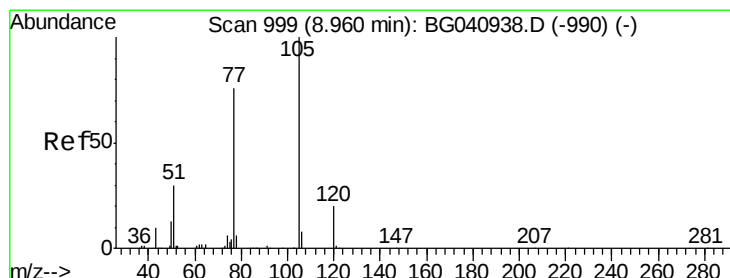
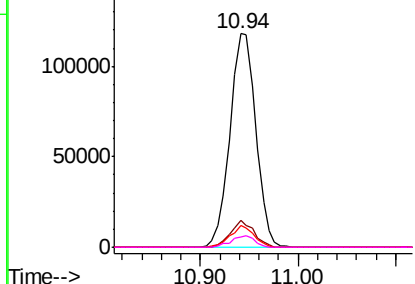
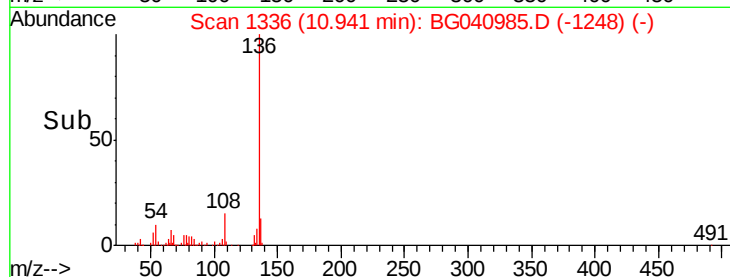
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.94 min Scan# 1336  
Delta R.T. -0.01 min  
Lab File: BG040985.D  
Acq: 31 May 2019 19:14

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

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 136   | Resp: | 217320 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 12.9  | 9.5   | 14.3   |
| 54       | 10.0  | 7.6   | 11.4   |
| 68       | 4.9   | 3.9   | 5.9    |

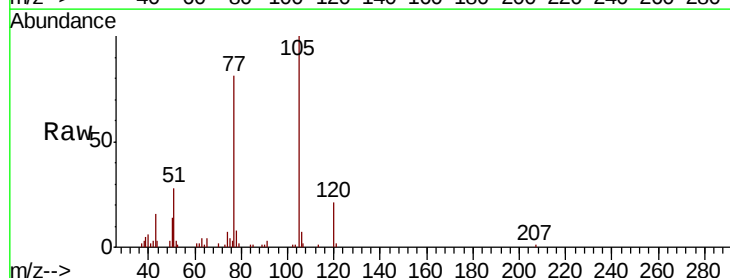


Abundance Ion 136.00 (135.70 to 136.70): E  
Ion 137.00 (136.70 to 137.70): E  
Ion 54.00 (53.70 to 54.70): BGC  
Ion 68.00 (67.70 to 68.70): BGC

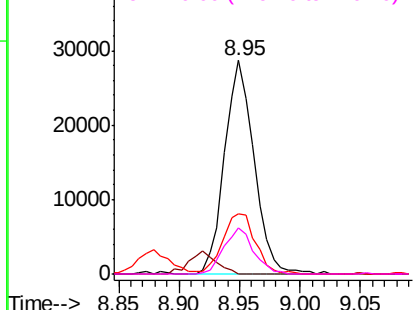
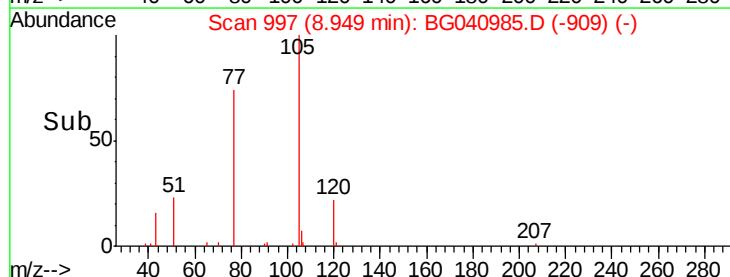


#22  
Acetophenone  
Concen: 7.999 ng  
RT: 8.95 min Scan# 997  
Delta R.T. -0.01 min  
Lab File: BG040985.D  
Acq: 31 May 2019 19:14

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 105   | Resp: | 48761 |
| Ion      | Ratio | Lower | Upper |
| 105      | 100   |       |       |
| 71       | 0.0   | 0.4   | 0.6#  |
| 51       | 28.1  | 27.0  | 40.6  |
| 120      | 21.4  | 16.2  | 24.4  |



Abundance Ion 105.00 (104.70 to 105.70): E  
Ion 71.00 (70.70 to 71.70): BGC  
Ion 51.00 (50.70 to 51.70): BGC  
Ion 120.00 (119.70 to 120.70): E

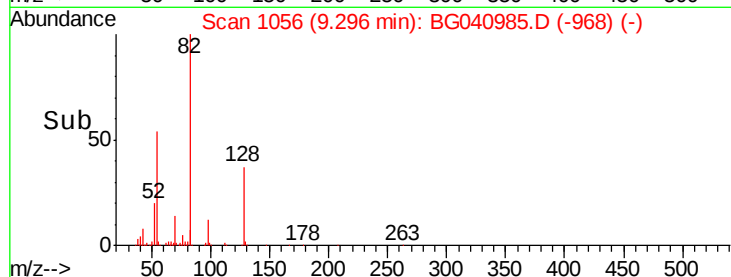
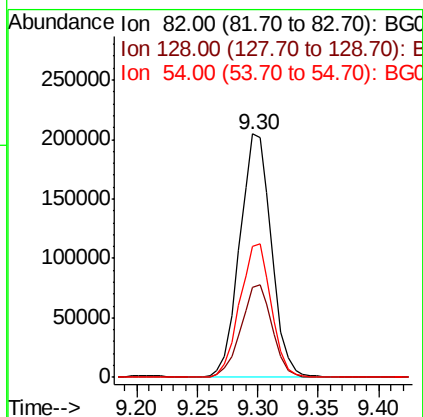
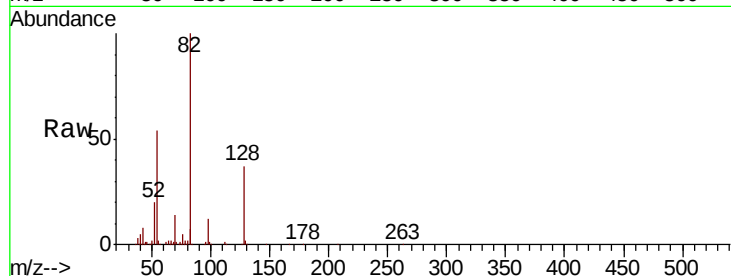




#23  
 Nitrobenzene-d5  
 Concen: 76.419 ng  
 RT: 9.30 min Scan# 1056  
 Delta R.T. -0.01 min  
 Lab File: BG040985.D  
 Acq: 31 May 2019 19:14

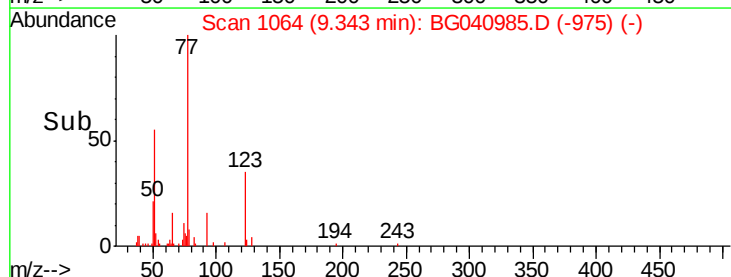
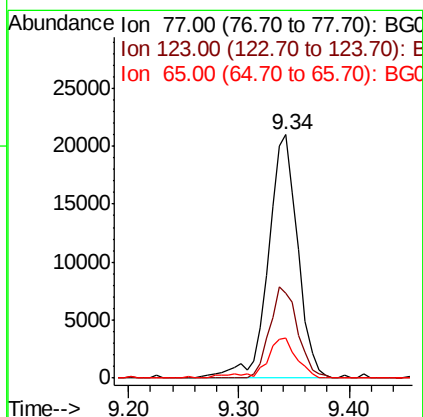
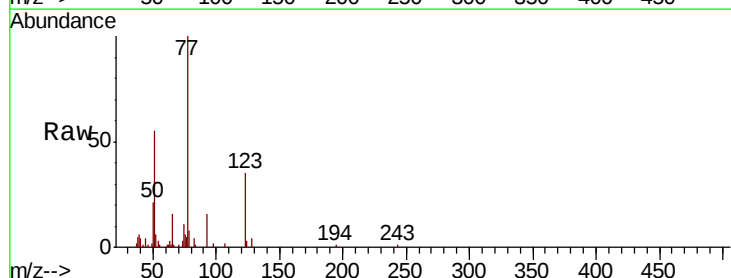
Instrument :  
 BNA\_G  
 ClientSampleId :  
 LOD-MDL-SOIL-01-QT2-2019

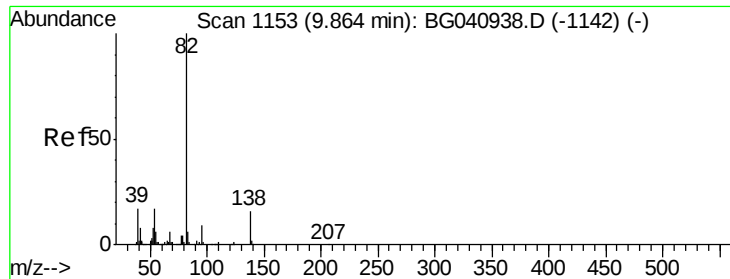
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 37.0  | 30.5  | 45.7  |
| 54      | 54.0  | 44.6  | 66.8  |



#24  
 Nitrobenzene  
 Concen: 7.817 ng  
 RT: 9.34 min Scan# 1064  
 Delta R.T. -0.00 min  
 Lab File: BG040985.D  
 Acq: 31 May 2019 19:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 123     | 35.0  | 30.6  | 46.0  |
| 65      | 16.4  | 12.3  | 18.5  |

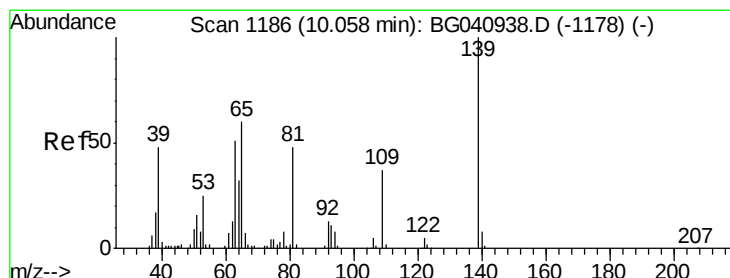
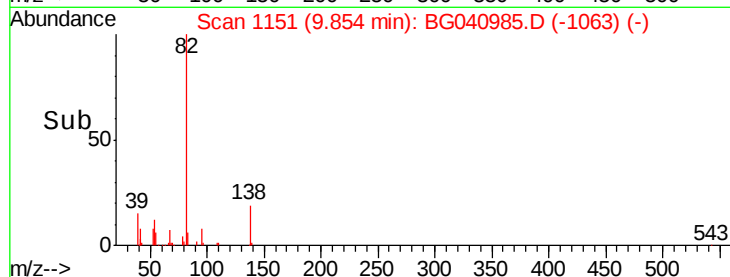
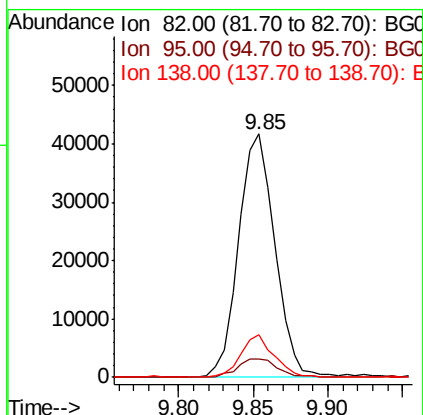
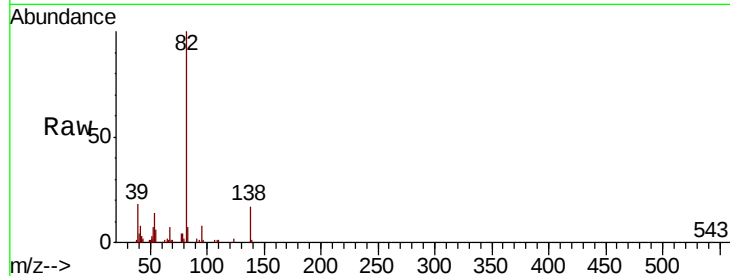




#25  
Isophorone  
Concen: 7.555 ng  
RT: 9.85 min Scan# 1151  
Delta R.T. -0.01 min  
Lab File: BG040985.D  
Acq: 31 May 2019 19:14

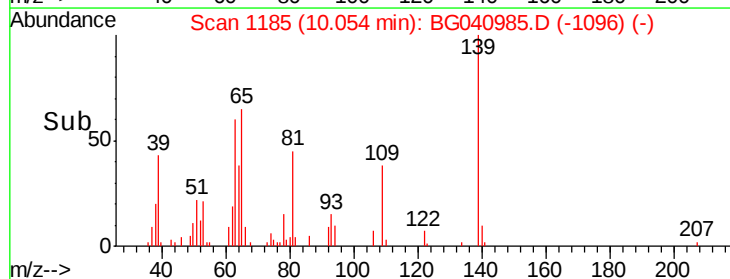
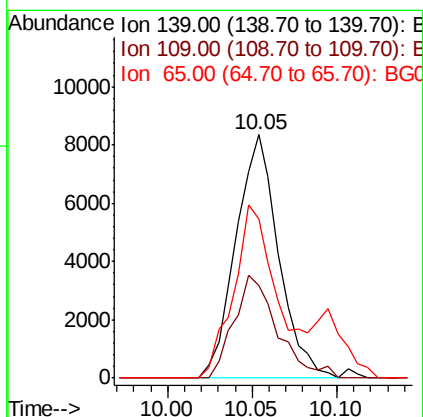
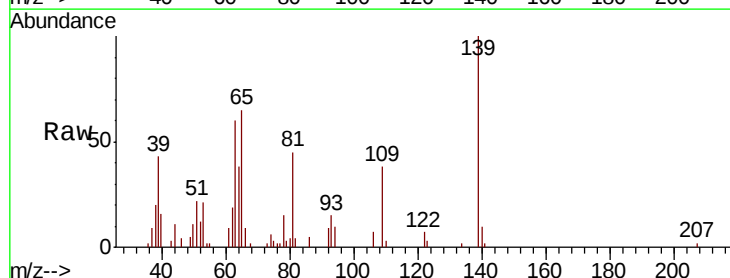
Instrument :  
BNA\_G  
ClientSampleId :  
LOD-MDL-SOIL-01-QT2-2019

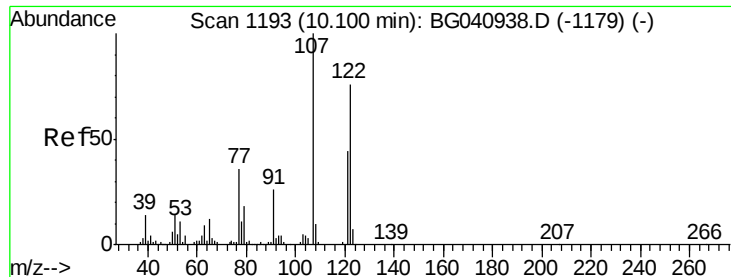
Tgt Ion: 82 Resp: 70384  
Ion Ratio Lower Upper  
82 100  
95 7.5 7.0 10.4  
138 17.5 12.6 19.0



#26  
2-Nitrophenol  
Concen: 7.153 ng  
RT: 10.05 min Scan# 1185  
Delta R.T. -0.00 min  
Lab File: BG040985.D  
Acq: 31 May 2019 19:14

Tgt Ion: 139 Resp: 14711  
Ion Ratio Lower Upper  
139 100  
109 38.0 29.8 44.6  
65 65.4 47.8 71.6

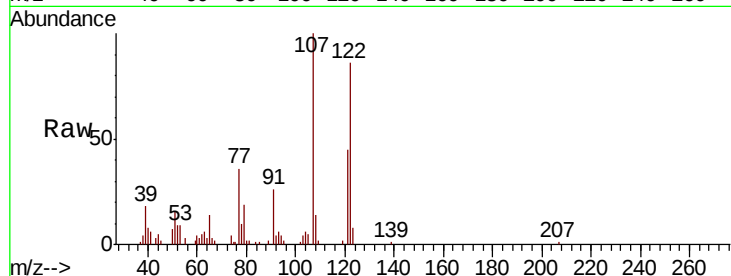




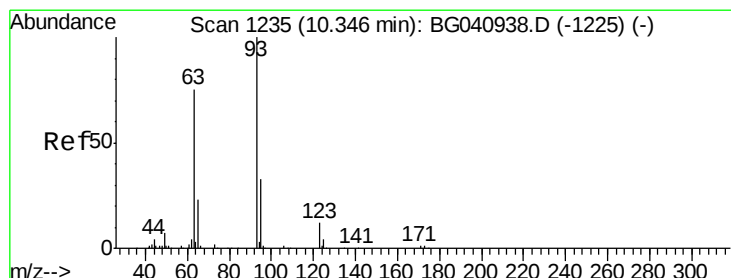
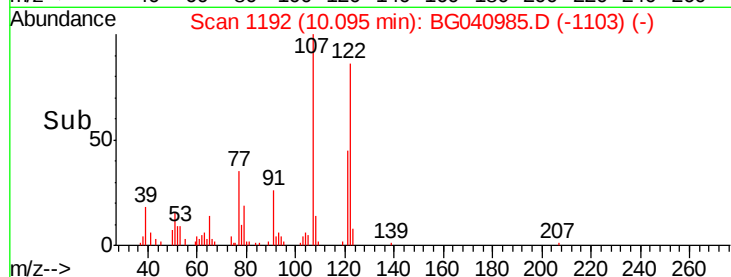
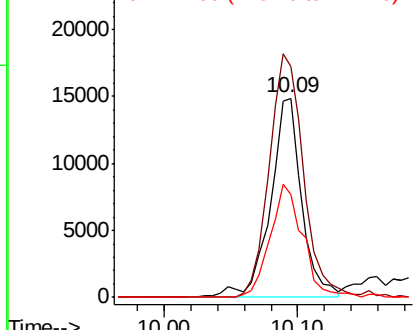
#27  
 2,4-Dimethylphenol  
 Concen: 7.210 ng  
 RT: 10.09 min Scan# 1192  
 Delta R.T. -0.00 min  
 Lab File: BG040985.D  
 Acq: 31 May 2019 19:14

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

Tgt Ion:122 Resp: 24488  
 Ion Ratio Lower Upper  
 122 100  
 107 115.8 105.9 158.9  
 121 51.8 46.2 69.4

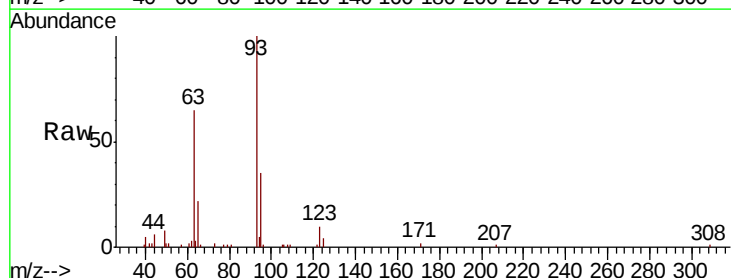


Abundance Ion 122.00 (121.70 to 122.70): E  
 Ion 107.00 (106.70 to 107.70): E  
 Ion 121.00 (120.70 to 121.70): E

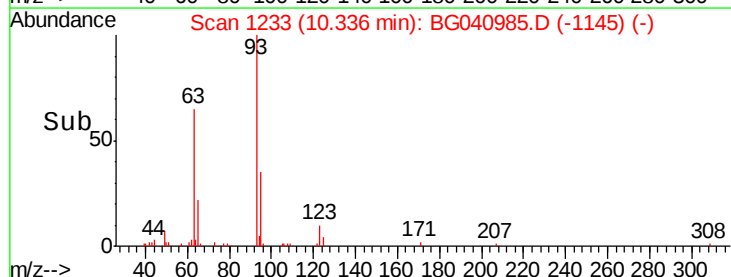
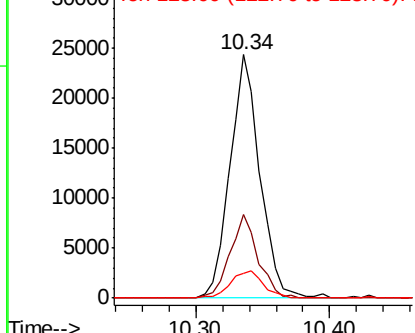


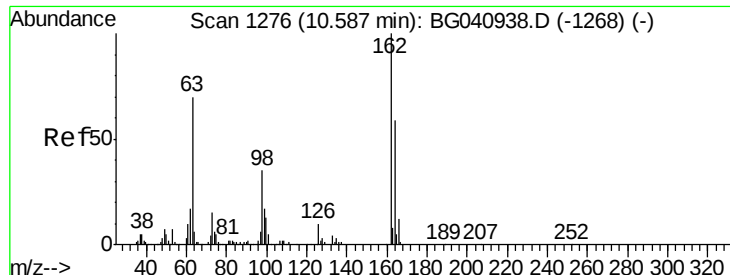
#28  
 bis(2-Chloroethoxy)methane  
 Concen: 7.552 ng  
 RT: 10.34 min Scan# 1233  
 Delta R.T. -0.01 min  
 Lab File: BG040985.D  
 Acq: 31 May 2019 19:14

Tgt Ion: 93 Resp: 37972  
 Ion Ratio Lower Upper  
 93 100  
 95 34.6 26.2 39.2  
 123 9.9 9.5 14.3



Abundance Ion 93.00 (92.70 to 93.70): BGC  
 Ion 95.00 (94.70 to 95.70): BGC  
 Ion 123.00 (122.70 to 123.70): E

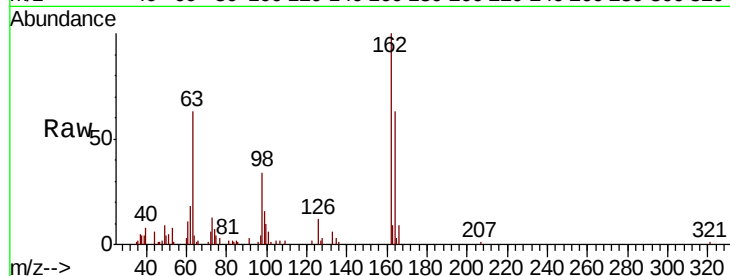




#29  
2,4-Dichlorophenol  
Concen: 6.736 ng  
RT: 10.58 min Scan# 1274  
Delta R.T. -0.01 min  
Lab File: BG040985.D  
Acq: 31 May 2019 19:14

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

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 63.1  | 39.4  | 79.4  |
| 98      | 34.5  | 15.3  | 55.3  |

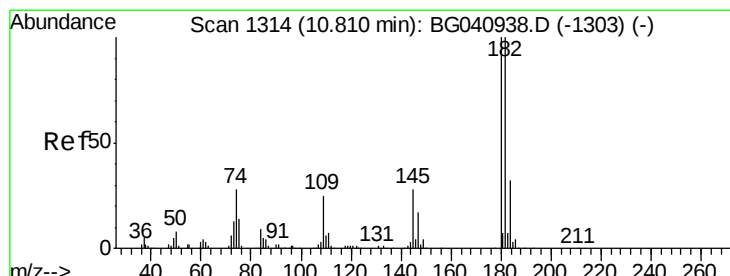
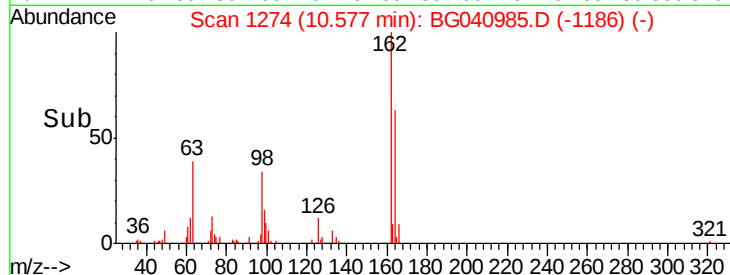
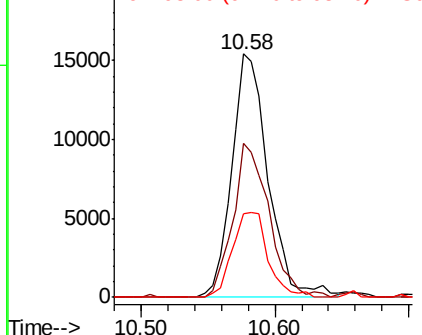


Abundance

Ion 162.00 (161.70 to 162.70): E

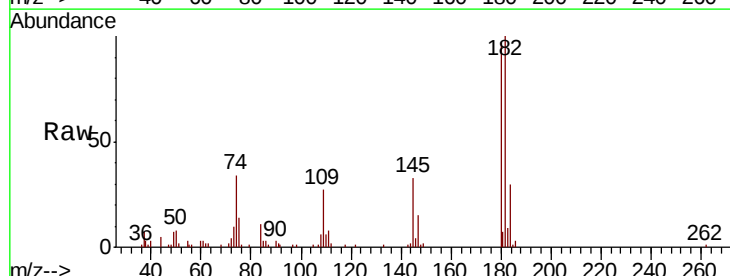
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30  
1,2,4-Trichlorobenzene  
Concen: 7.517 ng  
RT: 10.80 min Scan# 1312  
Delta R.T. -0.01 min  
Lab File: BG040985.D  
Acq: 31 May 2019 19:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 102.7 | 79.7  | 119.5 |
| 145     | 33.5  | 22.6  | 34.0  |

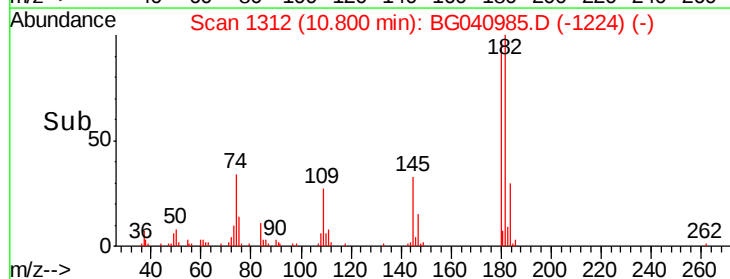
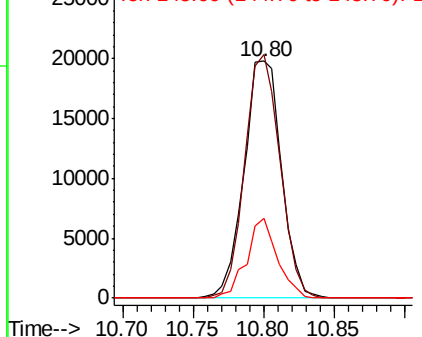


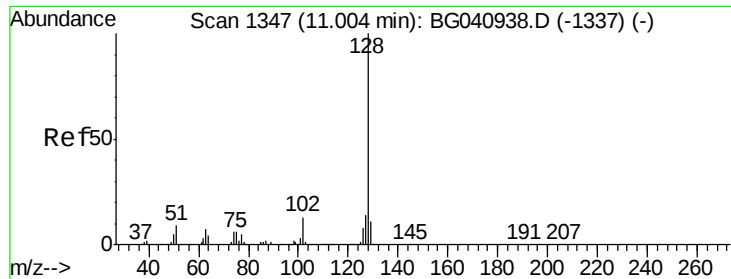
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

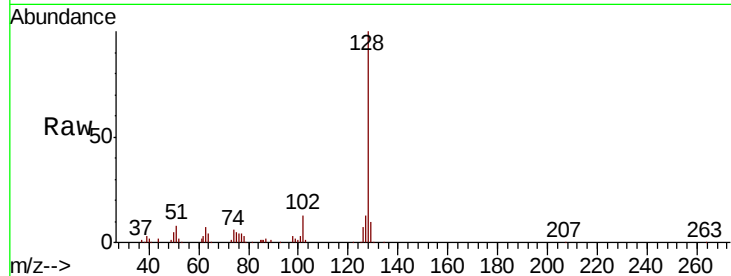




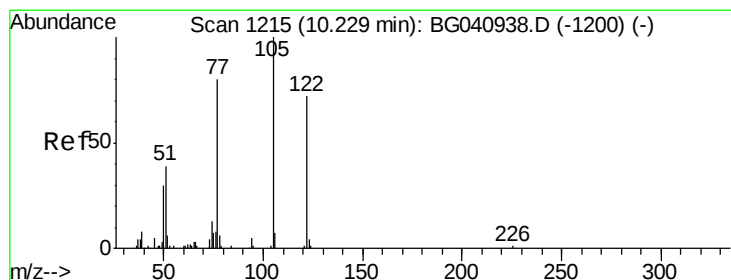
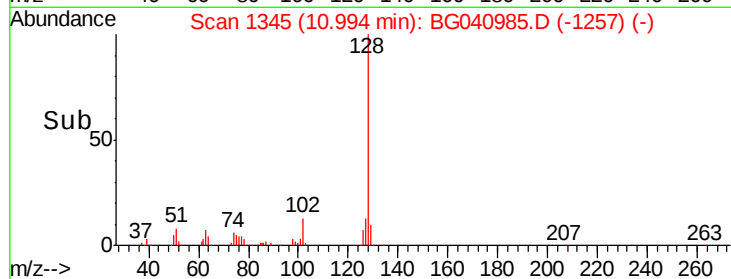
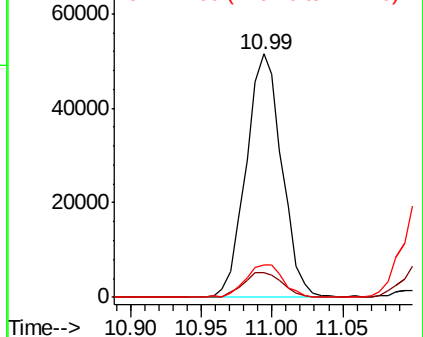
#31  
Naphthalene  
Concen: 7.825 ng  
RT: 10.99 min Scan# 1345  
Delta R.T. -0.01 min  
Lab File: BG040985.D  
Acq: 31 May 2019 19:14

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

Tgt Ion:128 Resp: 91304  
Ion Ratio Lower Upper  
128 100  
129 10.1 8.5 12.7  
127 13.2 11.4 17.2

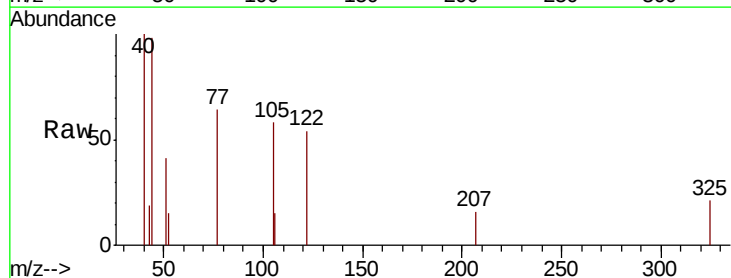


Abundance Ion 128.00 (127.70 to 128.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 127.00 (126.70 to 127.70): E

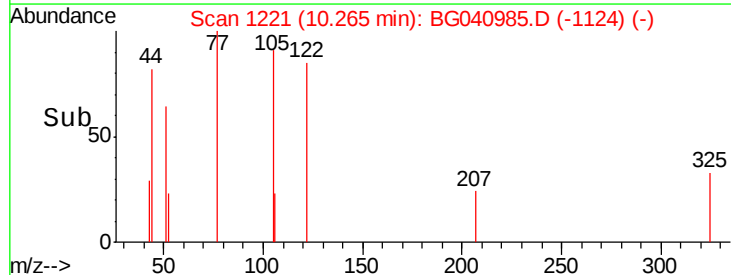
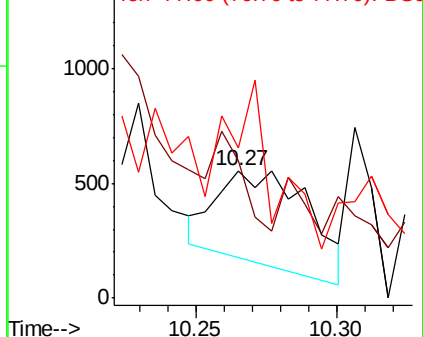


#32  
Benzoic acid  
Concen: 8.410 ng  
RT: 10.27 min Scan# 1221  
Delta R.T. 0.04 min  
Lab File: BG040985.D  
Acq: 31 May 2019 19:14

Tgt Ion:122 Resp: 890  
Ion Ratio Lower Upper  
122 100  
105 108.1 114.8 154.8#  
77 118.2 89.9 129.9



Abundance Ion 122.00 (121.70 to 122.70): E  
Ion 105.00 (104.70 to 105.70): E  
Ion 77.00 (76.70 to 77.70): BGC

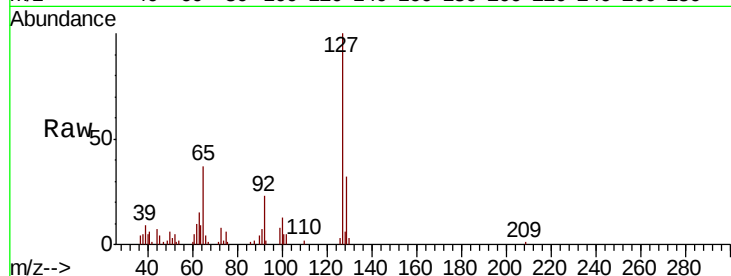




#33  
4-Chloroaniline  
Concen: 6.680 ng  
RT: 11.11 min Scan# 1364  
Delta R.T. -0.00 min  
Lab File: BG040985.D  
Acq: 31 May 2019 19:14

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

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 127   | Resp: | 36162 |
| Ion      | Ratio | Lower | Upper |
| 127      | 100   |       |       |
| 129      | 32.1  | 27.7  | 41.5  |
| 65       | 36.6  | 33.2  | 49.8  |
| 92       | 23.3  | 17.2  | 25.8  |



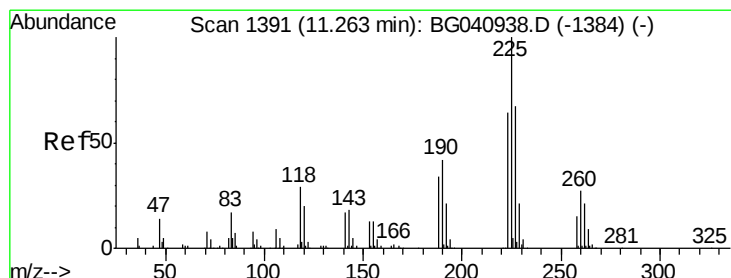
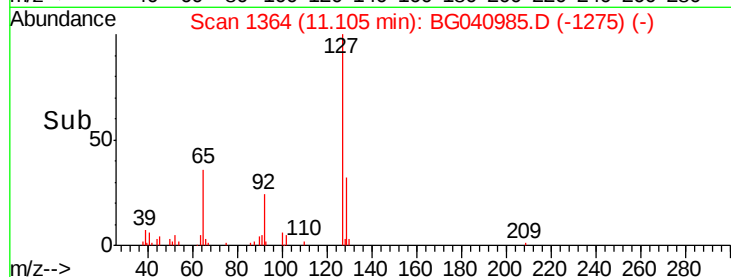
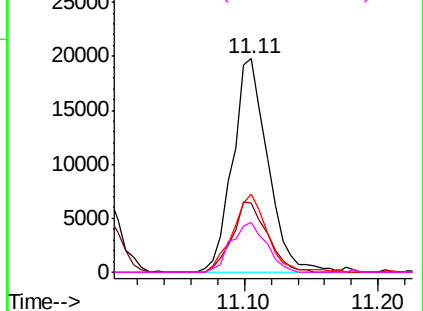
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

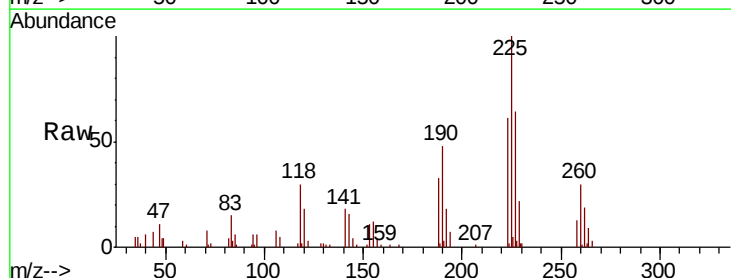
Ion 65.00 (64.70 to 65.70): BG

Ion 92.00 (91.70 to 92.70): BG



#34  
Hexachlorobutadiene  
Concen: 7.415 ng  
RT: 11.26 min Scan# 1390  
Delta R.T. -0.00 min  
Lab File: BG040985.D  
Acq: 31 May 2019 19:14

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 225   | Resp: | 27840 |
| Ion      | Ratio | Lower | Upper |
| 225      | 100   |       |       |
| 223      | 63.8  | 48.8  | 73.2  |
| 227      | 63.9  | 51.4  | 77.0  |

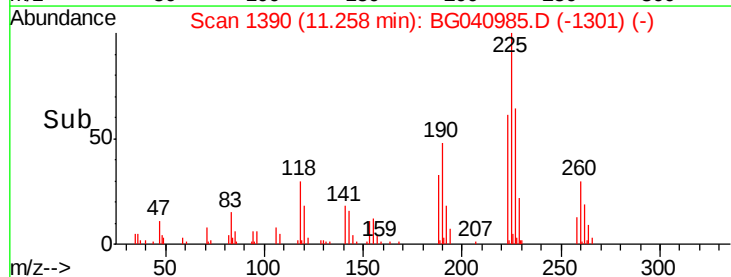
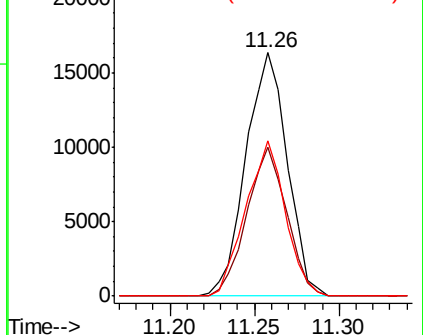


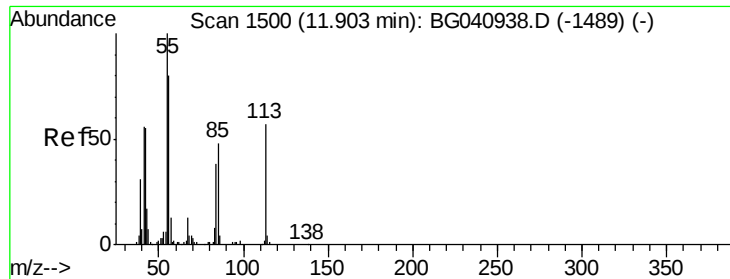
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

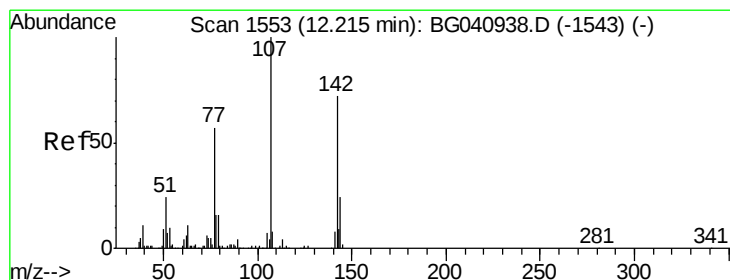
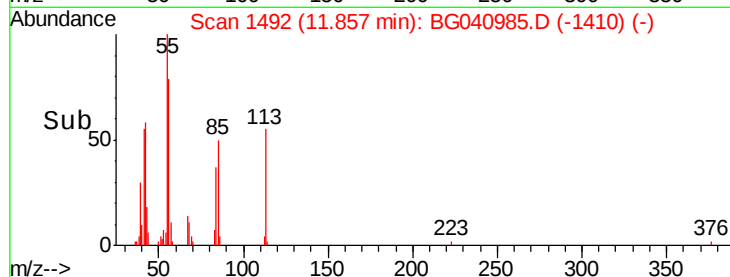
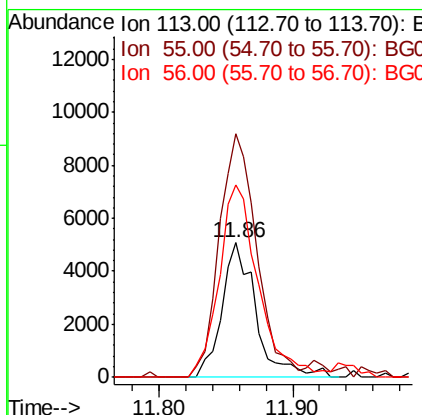
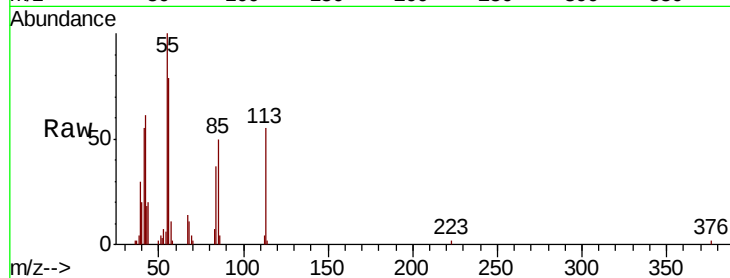




#35  
 Caprolactam  
 Concen: 6.403 ng  
 RT: 11.86 min Scan# 1492  
 Delta R.T. -0.05 min  
 Lab File: BG040985.D  
 Acq: 31 May 2019 19:14

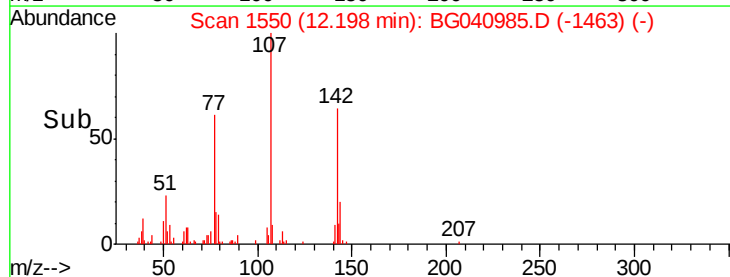
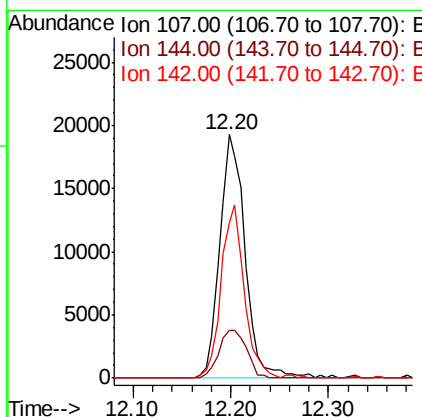
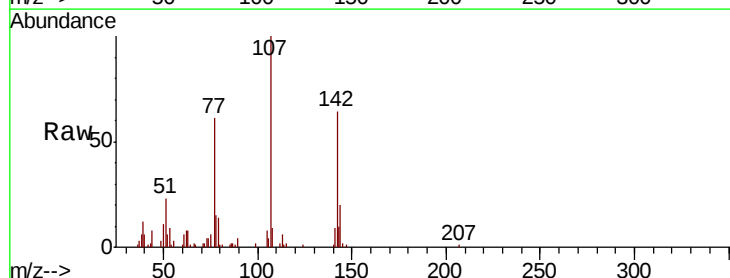
Instrument :  
 BNA\_G  
 ClientSampleId :  
 LOD-MDL-SOIL-01-QT2-2019

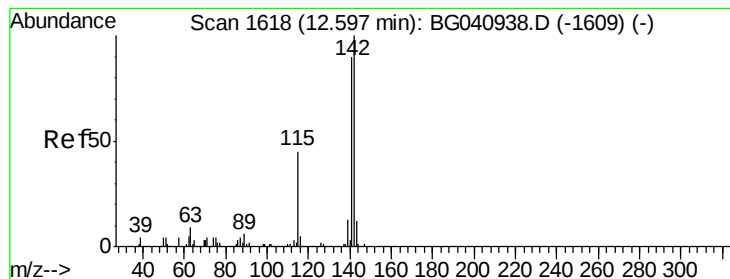
Tgt Ion:113 Resp: 9120  
 Ion Ratio Lower Upper  
 113 100  
 55 180.7 155.9 195.9  
 56 142.9 119.9 159.9



#36  
 4-Chloro-3-methylphenol  
 Concen: 7.043 ng  
 RT: 12.20 min Scan# 1550  
 Delta R.T. -0.02 min  
 Lab File: BG040985.D  
 Acq: 31 May 2019 19:14

Tgt Ion:107 Resp: 34696  
 Ion Ratio Lower Upper  
 107 100  
 144 19.8 19.4 29.0  
 142 63.8 57.3 85.9





#37

2-Methylnaphthalene

Concen: 7.400 ng

RT: 12.59 min Scan# 1616

Delta R.T. -0.01 min

Lab File: BG040985.D

Acq: 31 May 2019 19:14

Instrument :

BNA\_G

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2019

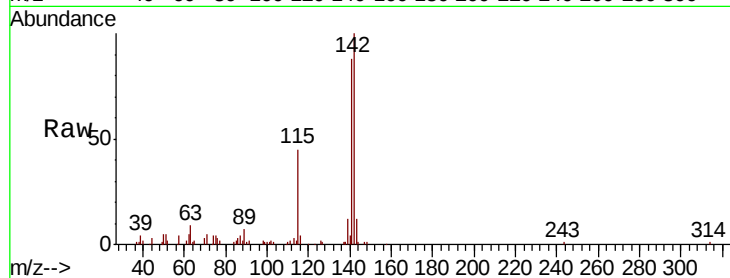
Tgt Ion:142 Resp: 66504

Ion Ratio Lower Upper

142 100

141 87.9 72.2 108.4

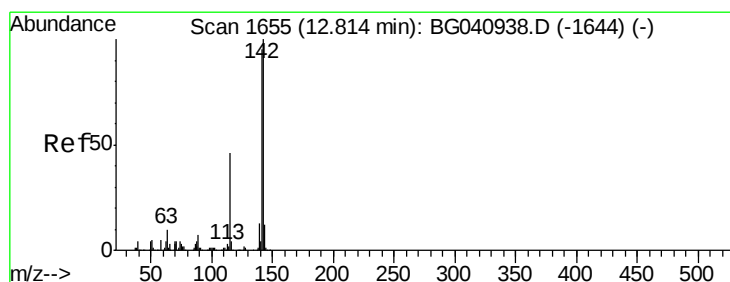
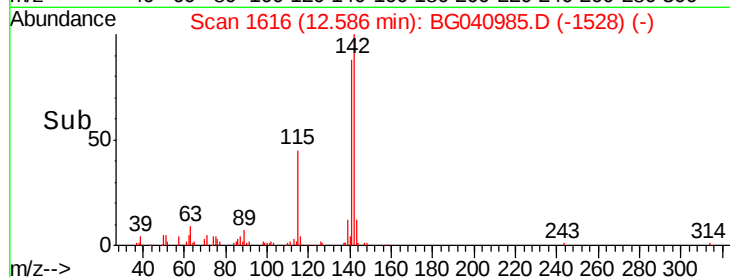
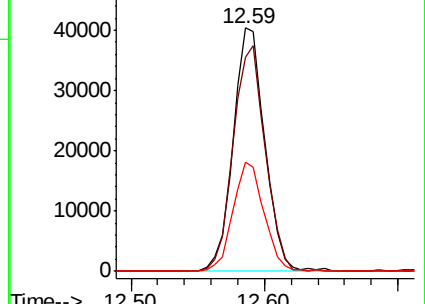
115 44.9 36.2 54.4



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 7.779 ng

RT: 12.81 min Scan# 1654

Delta R.T. -0.00 min

Lab File: BG040985.D

Acq: 31 May 2019 19:14

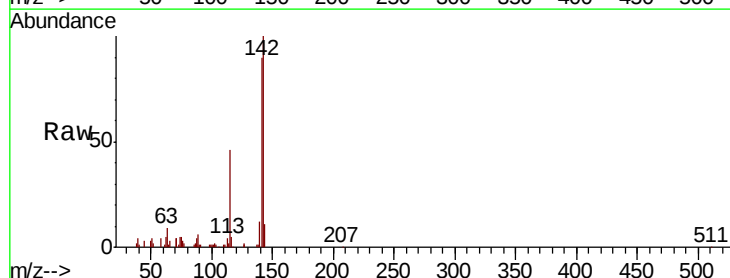
Tgt Ion:142 Resp: 65874

Ion Ratio Lower Upper

142 100

141 89.6 75.7 113.5

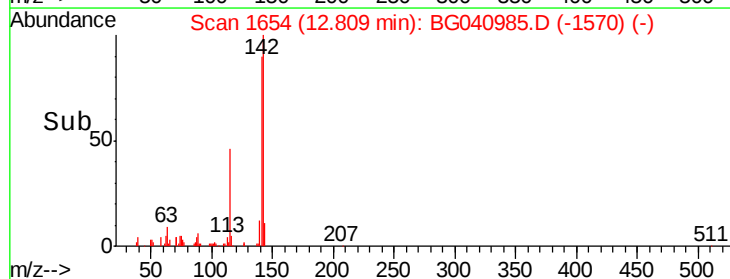
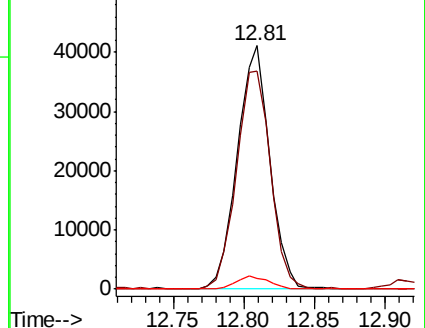
116 4.6 3.4 5.2

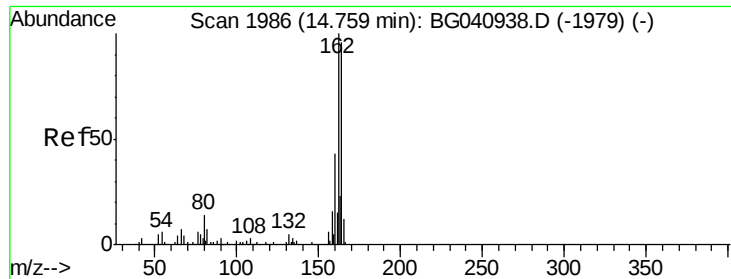


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.75 min Scan# 1985

Delta R.T. -0.00 min

Lab File: BG040985.D

Acq: 31 May 2019 19:14

Instrument :

BNA\_G

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2019

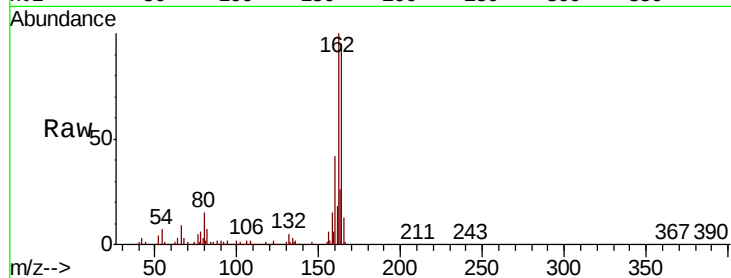
Tgt Ion:164 Resp: 159746

Ion Ratio Lower Upper

164 100

162 105.0 83.0 124.4

160 44.3 35.6 53.4

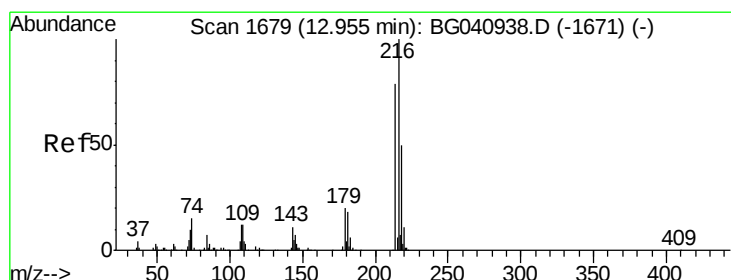
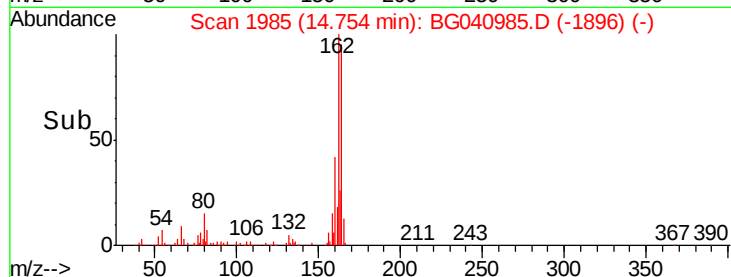
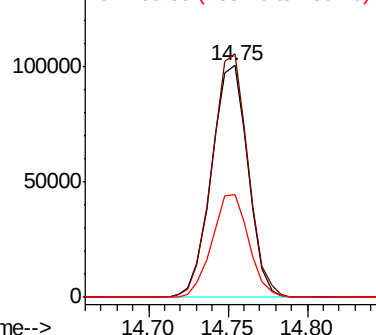


Abundance

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: 7.931 ng

RT: 12.94 min Scan# 1677

Delta R.T. -0.01 min

Lab File: BG040985.D

Acq: 31 May 2019 19:14

Tgt Ion:216 Resp: 51063

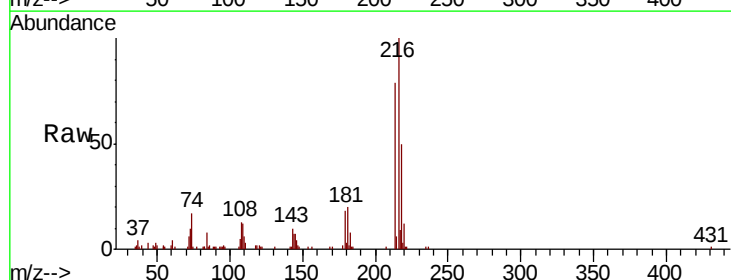
Ion Ratio Lower Upper

216 100

214 79.8 63.4 95.2

179 18.8 15.2 22.8

108 14.2 11.4 17.2



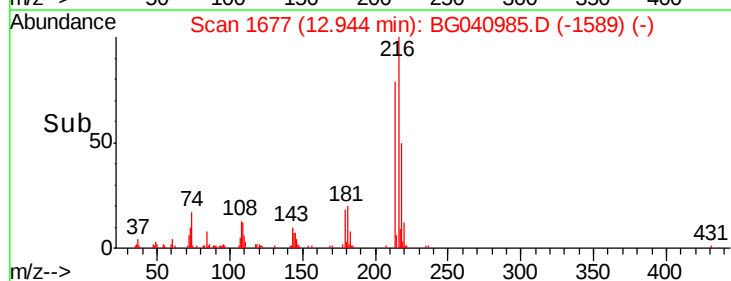
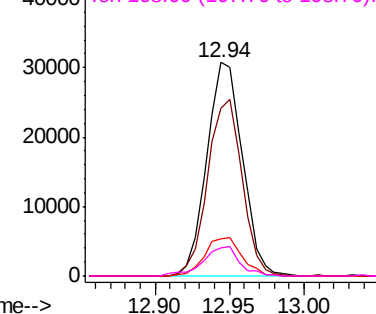
Abundance

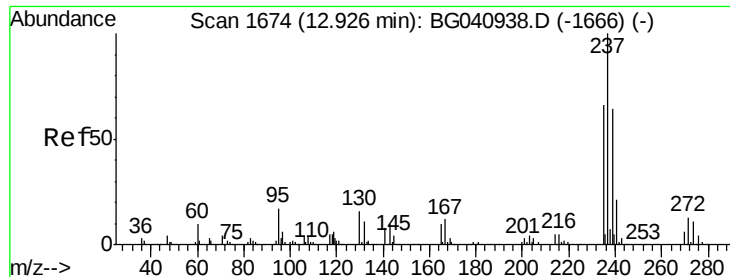
Ion 216.00 (215.70 to 216.70): E

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: 13.219 ng

RT: 12.91 min Scan# 1672

Delta R.T. -0.01 min

Lab File: BG040985.D

Acq: 31 May 2019 19:14

Instrument :

BNA\_G

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2019

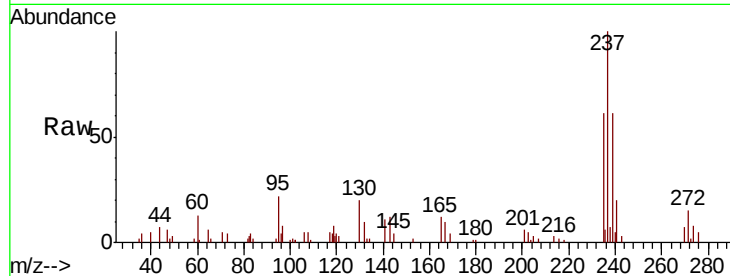
Tgt Ion: 237 Resp: 19227

Ion Ratio Lower Upper

237 100

235 61.4 45.5 85.5

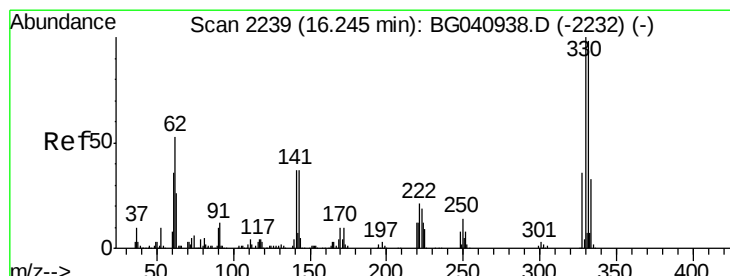
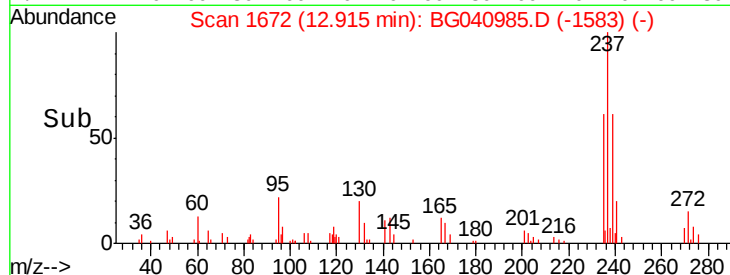
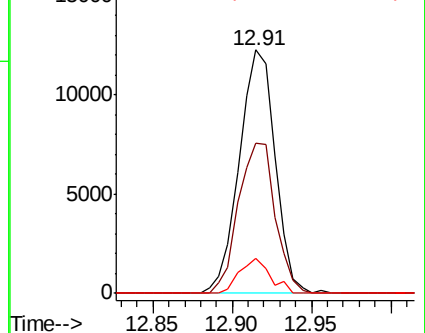
272 14.6 0.0 32.9



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: 125.280 ng

RT: 16.23 min Scan# 2237

Delta R.T. -0.01 min

Lab File: BG040985.D

Acq: 31 May 2019 19:14

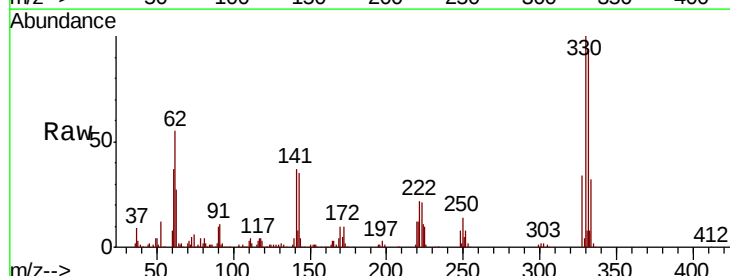
Tgt Ion: 330 Resp: 297107

Ion Ratio Lower Upper

330 100

332 95.9 78.5 117.7

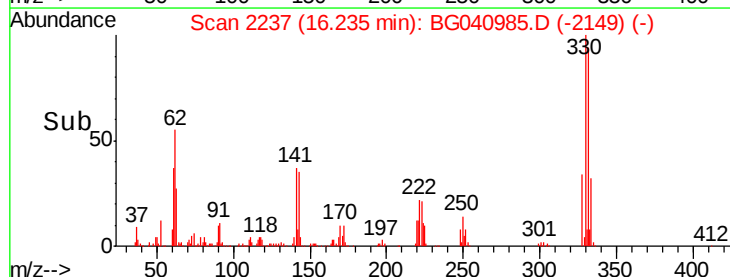
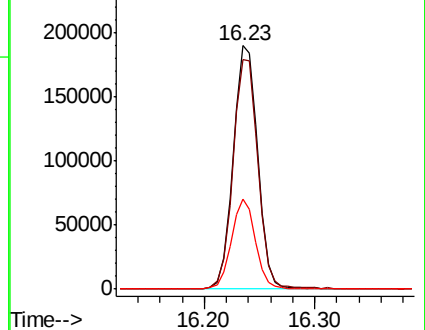
141 36.1 28.7 43.1



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

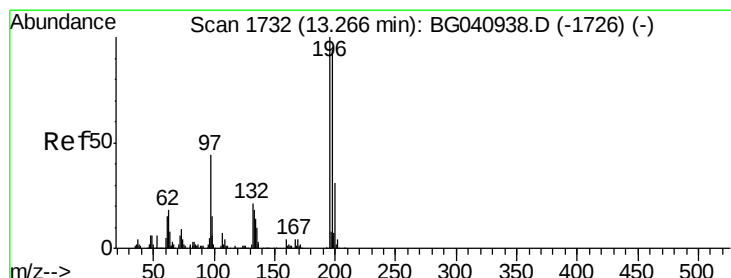
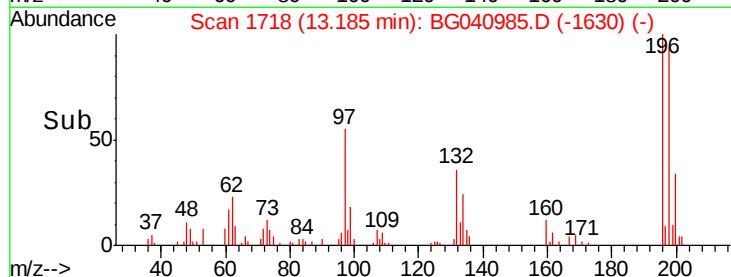
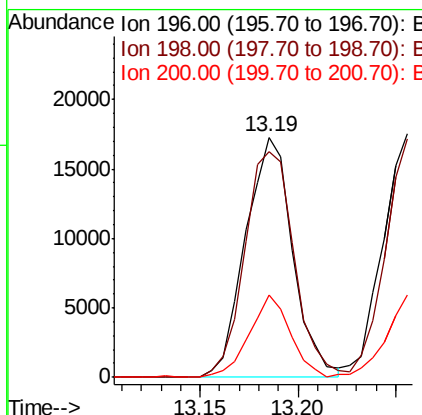
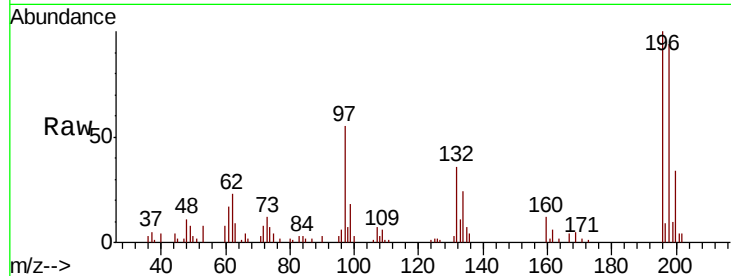




#43  
 2,4,6-Trichlorophenol  
 Concen: 6.950 ng  
 RT: 13.19 min Scan# 1718  
 Delta R.T. -0.01 min  
 Lab File: BG040985.D  
 Acq: 31 May 2019 19:14

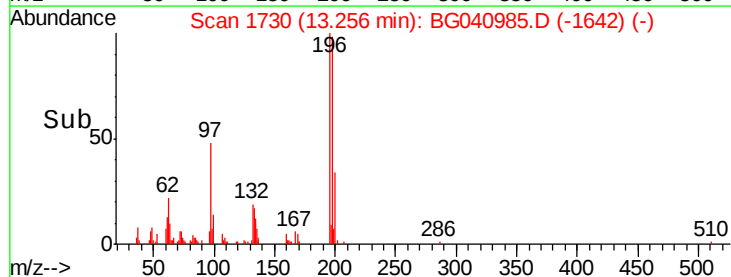
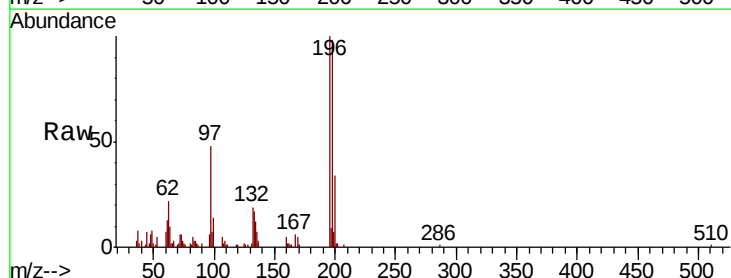
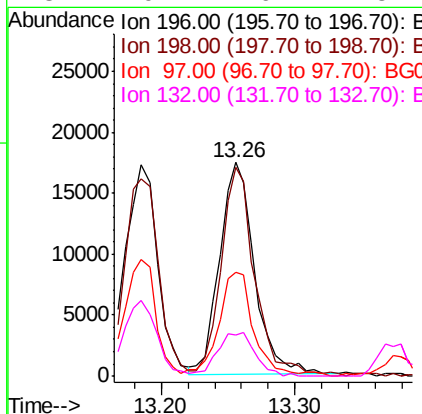
Instrument :  
 BNA\_G  
 ClientSampleId :  
 LOD-MDL-SOIL-01-QT2-2019

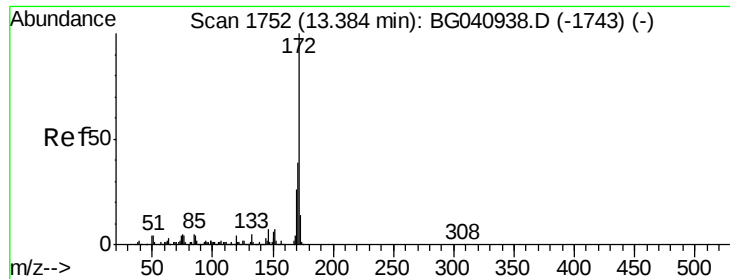
Tgt Ion:196 Resp: 28949  
 Ion Ratio Lower Upper  
 196 100  
 198 93.8 73.8 110.6  
 200 34.4 24.1 36.1



#44  
 2,4,5-Trichlorophenol  
 Concen: 7.220 ng  
 RT: 13.26 min Scan# 1730  
 Delta R.T. -0.01 min  
 Lab File: BG040985.D  
 Acq: 31 May 2019 19:14

Tgt Ion:196 Resp: 31716  
 Ion Ratio Lower Upper  
 196 100  
 198 97.8 75.1 112.7  
 97 48.4 35.6 53.4  
 132 19.4 16.7 25.1

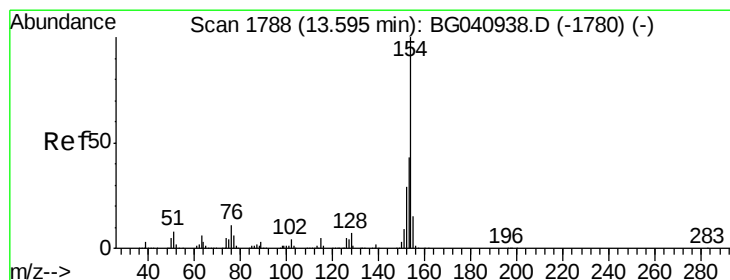
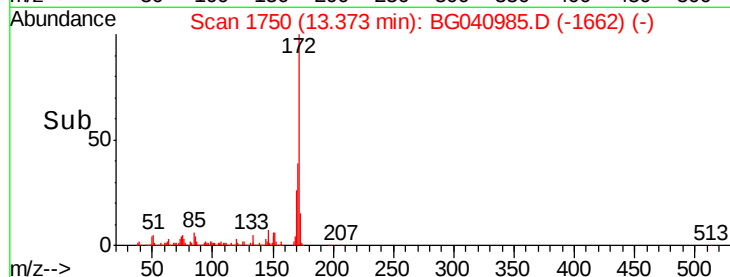
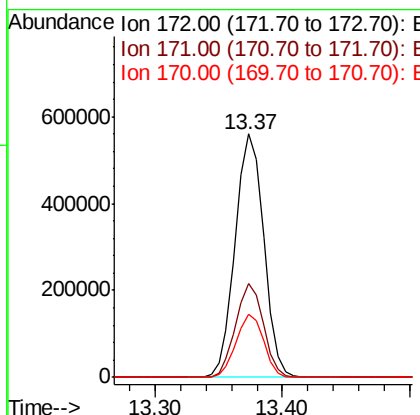
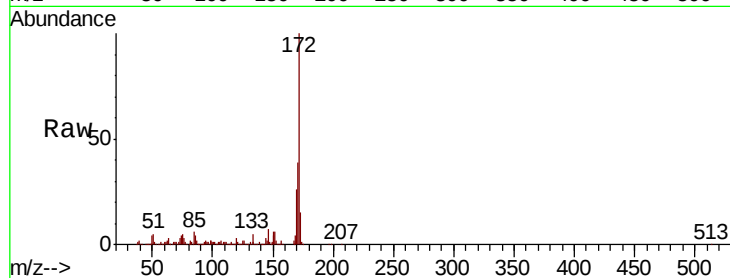




#45  
 2-Fluorobiphenyl  
 Concen: 78.738 ng  
 RT: 13.37 min Scan# 1750  
 Delta R.T. -0.01 min  
 Lab File: BG040985.D  
 Acq: 31 May 2019 19:14

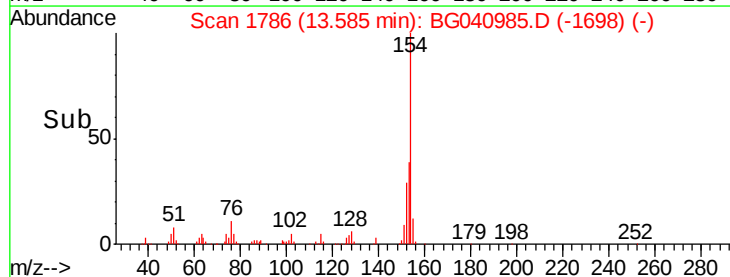
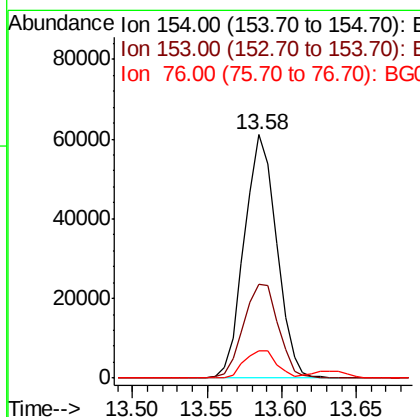
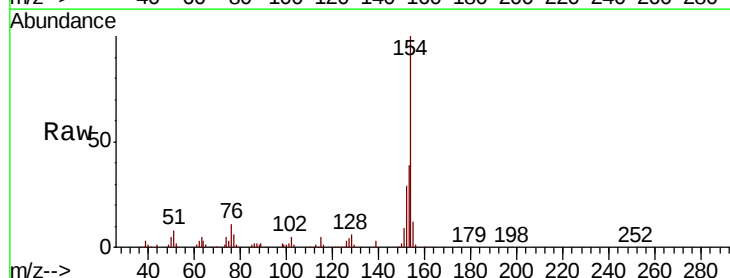
Instrument :  
 BNA\_G  
 ClientSampleId :  
 LOD-MDL-SOIL-01-QT2-2019

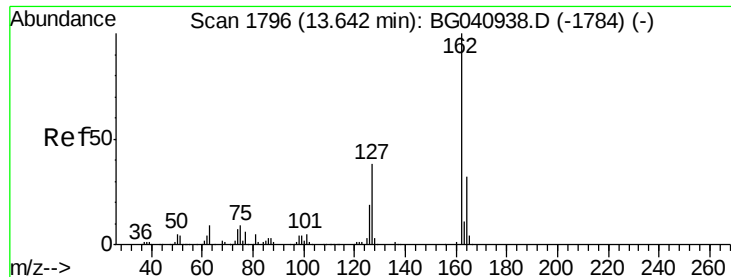
Tgt Ion:172 Resp: 873416  
 Ion Ratio Lower Upper  
 172 100  
 171 38.6 31.1 46.7  
 170 25.8 20.5 30.7



#46  
 1,1'-Biphenyl  
 Concen: 7.761 ng  
 RT: 13.58 min Scan# 1786  
 Delta R.T. -0.01 min  
 Lab File: BG040985.D  
 Acq: 31 May 2019 19:14

Tgt Ion:154 Resp: 91773  
 Ion Ratio Lower Upper  
 154 100  
 153 38.7 23.3 63.3  
 76 11.3 0.0 31.1

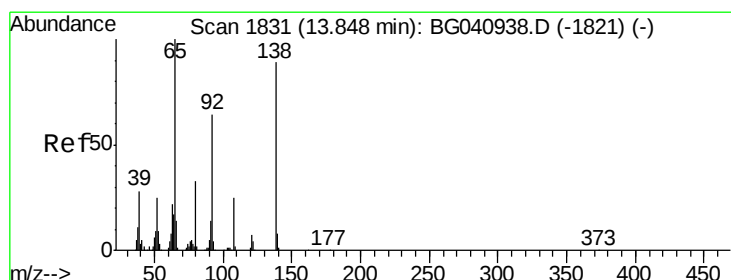
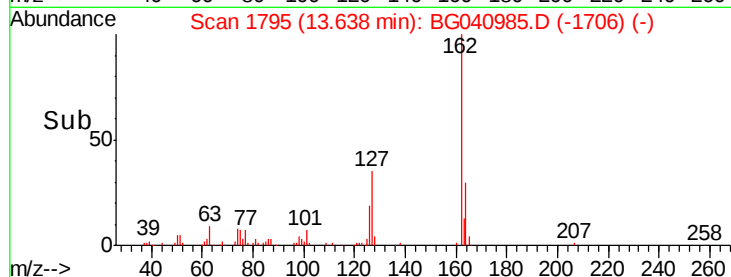
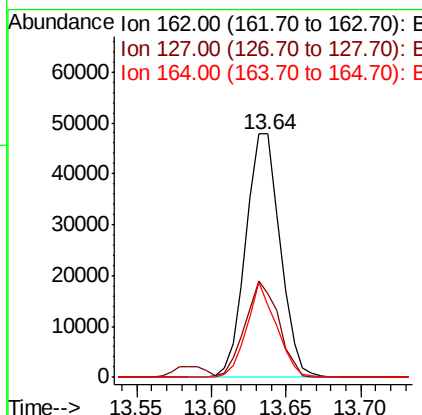
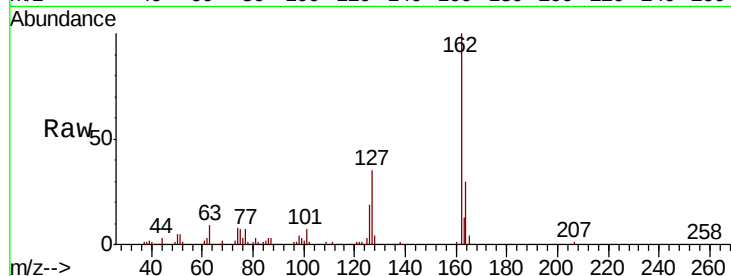




#47  
 2-Chloronaphthalene  
 Concen: 7.513 ng  
 RT: 13.64 min Scan# 1795  
 Delta R.T. -0.00 min  
 Lab File: BG040985.D  
 Acq: 31 May 2019 19:14

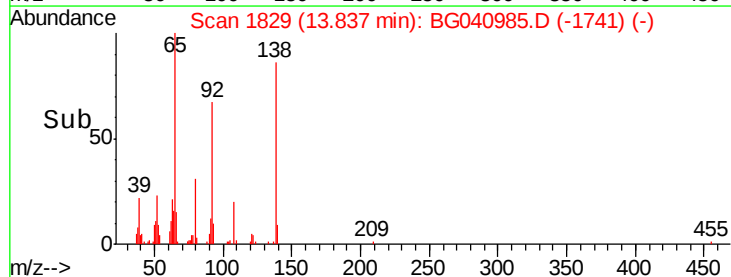
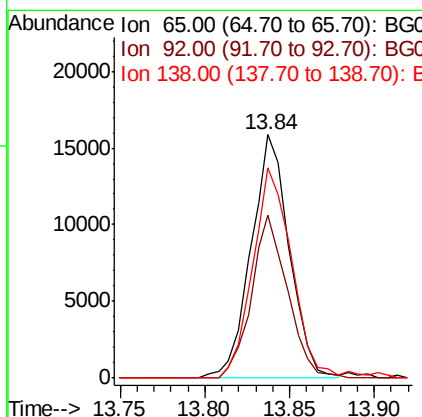
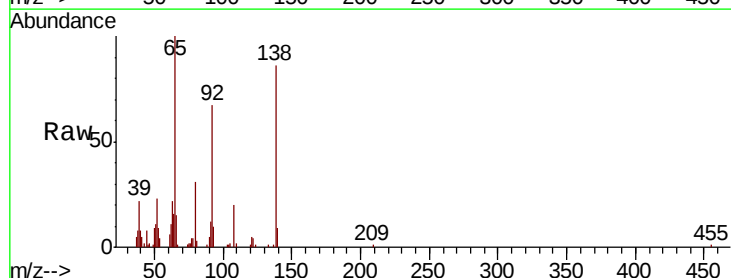
Instrument :  
 BNA\_G  
 ClientSampleId :  
 LOD-MDL-SOIL-01-QT2-2019

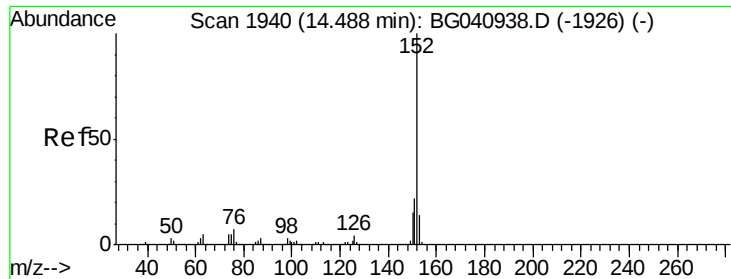
Tgt Ion: 162 Resp: 76267  
 Ion Ratio Lower Upper  
 162 100  
 127 34.6 30.5 45.7  
 164 29.8 25.8 38.6



#48  
 2-Nitroaniline  
 Concen: 6.851 ng  
 RT: 13.84 min Scan# 1829  
 Delta R.T. -0.01 min  
 Lab File: BG040985.D  
 Acq: 31 May 2019 19:14

Tgt Ion: 65 Resp: 24951  
 Ion Ratio Lower Upper  
 65 100  
 92 66.7 51.0 76.6  
 138 86.3 71.2 106.8





#49

Acenaphthylene

Concen: 7.922 ng

RT: 14.48 min Scan# 1938

Delta R.T. -0.01 min

Lab File: BG040985.D

Acq: 31 May 2019 19:14

Instrument :

BNA\_G

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2019

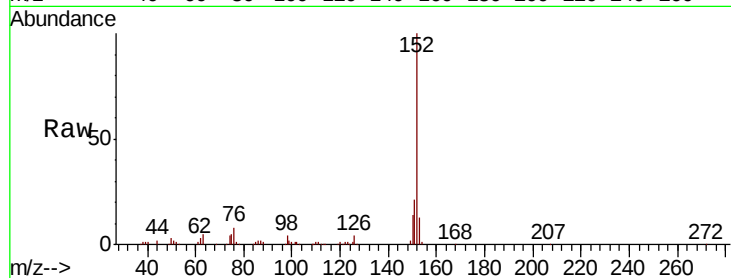
Tgt Ion:152 Resp: 121031

Ion Ratio Lower Upper

152 100

151 21.3 17.4 26.0

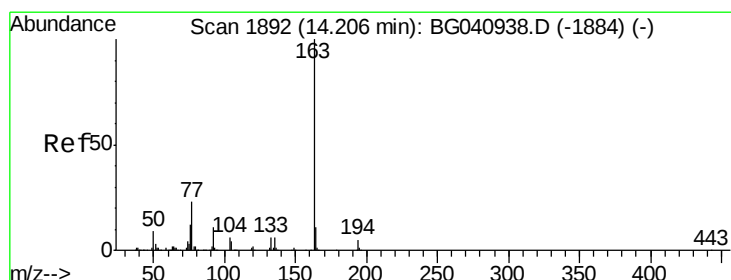
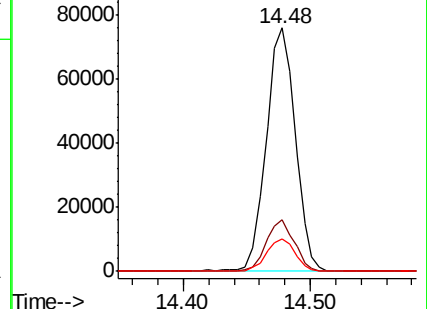
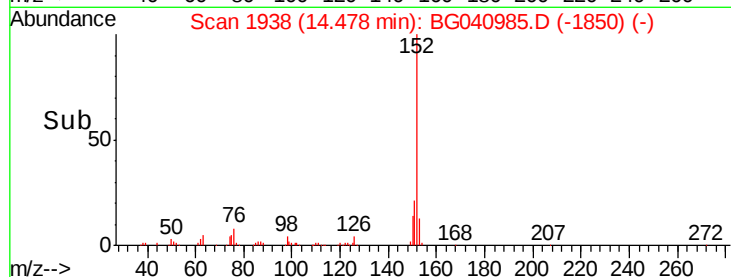
153 13.3 11.0 16.4



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: 7.492 ng

RT: 14.20 min Scan# 1890

Delta R.T. -0.01 min

Lab File: BG040985.D

Acq: 31 May 2019 19:14

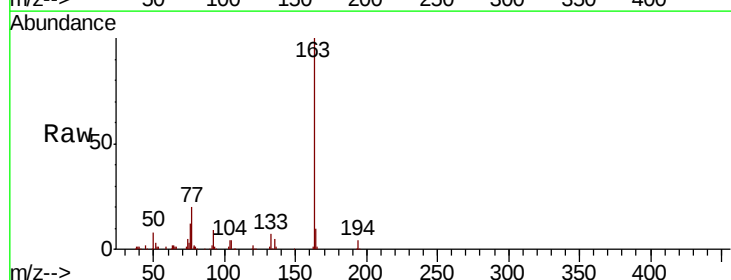
Tgt Ion:163 Resp: 101306

Ion Ratio Lower Upper

163 100

194 3.7 3.8 5.8#

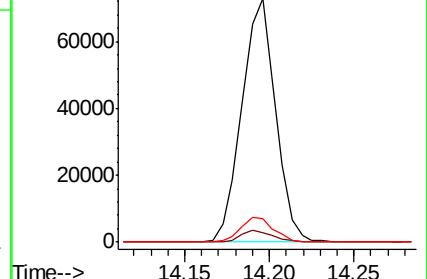
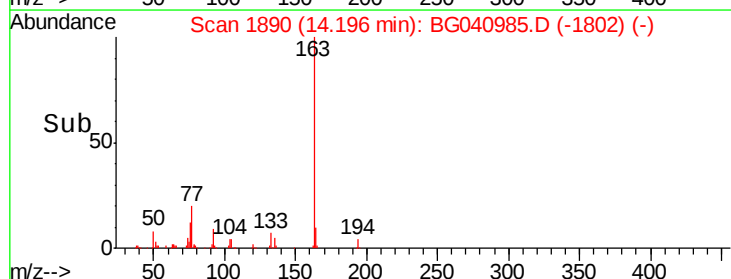
164 9.9 8.7 13.1

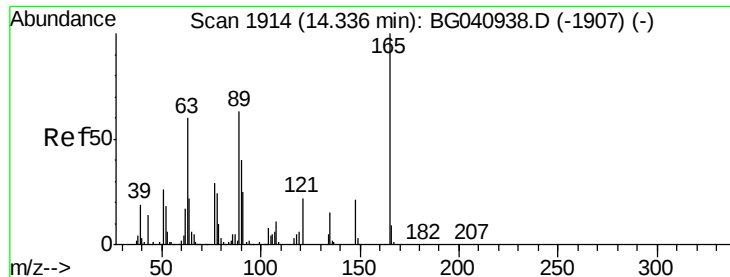


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

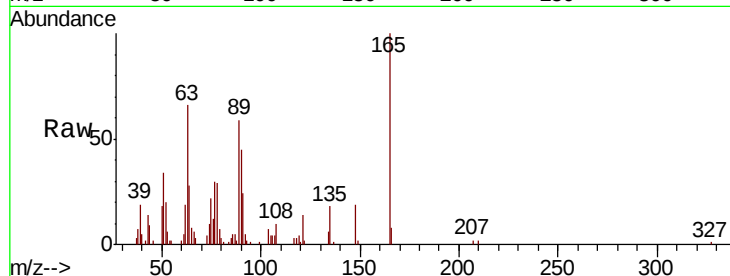




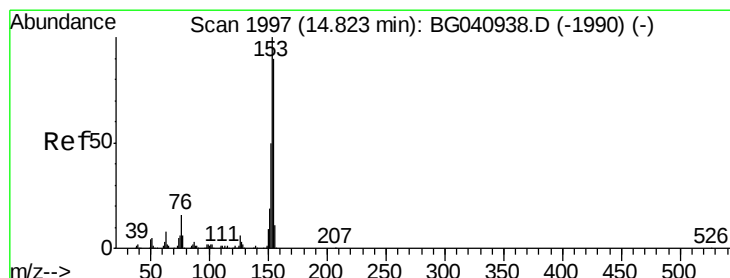
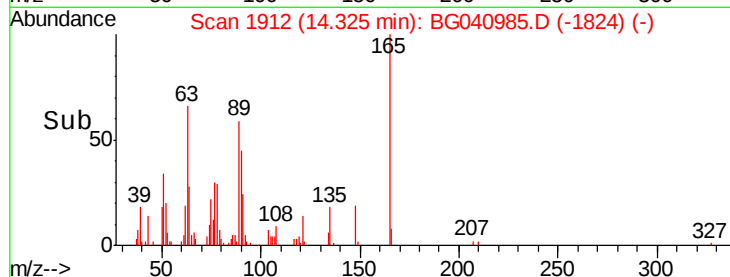
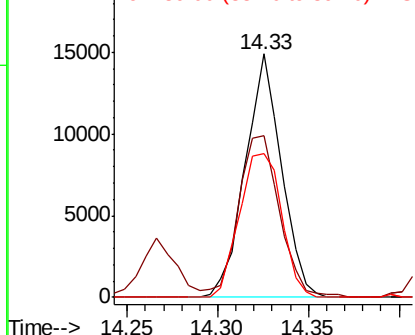
#51  
 2,6-Dinitrotoluene  
 Concen: 7.096 ng  
 RT: 14.33 min Scan# 1912  
 Delta R.T. -0.01 min  
 Lab File: BG040985.D  
 Acq: 31 May 2019 19:14

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

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 66.4  | 53.6  | 80.4  |
| 89      | 59.3  | 50.4  | 75.6  |

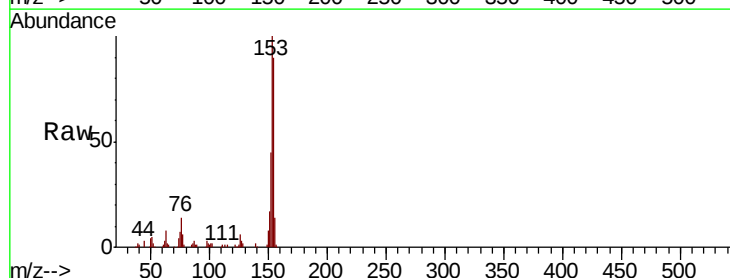


Abundance Ion 165.00 (164.70 to 165.70): E  
 Ion 63.00 (62.70 to 63.70): BG  
 Ion 89.00 (88.70 to 89.70): BG

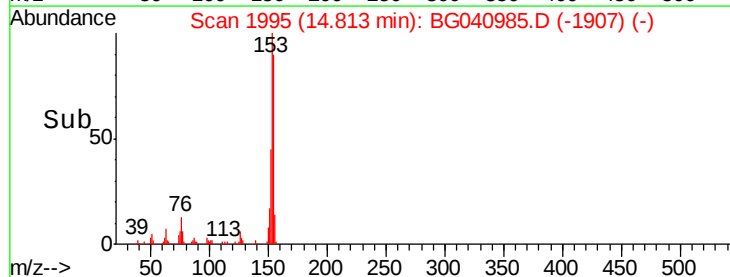
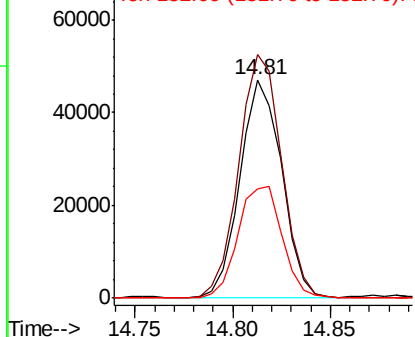


#52  
 Acenaphthene  
 Concen: 7.560 ng  
 RT: 14.81 min Scan# 1995  
 Delta R.T. -0.01 min  
 Lab File: BG040985.D  
 Acq: 31 May 2019 19:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 111.4 | 88.6  | 133.0 |
| 152     | 50.2  | 44.2  | 66.4  |



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

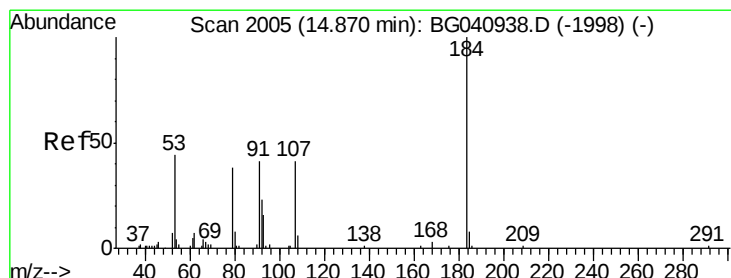
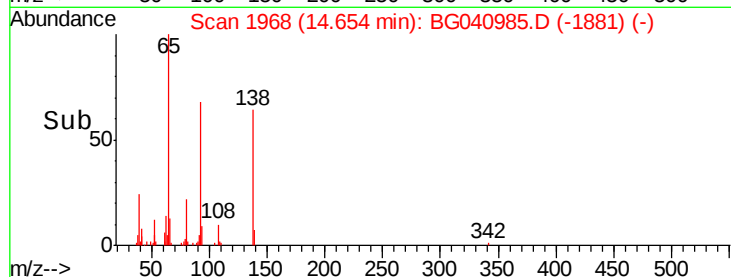
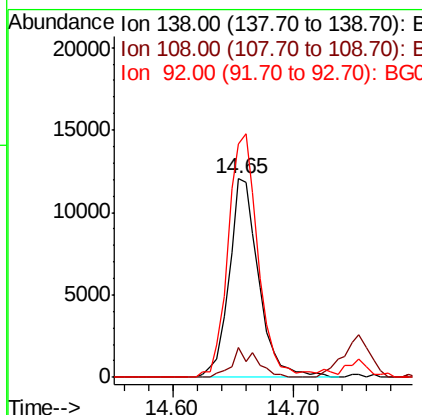
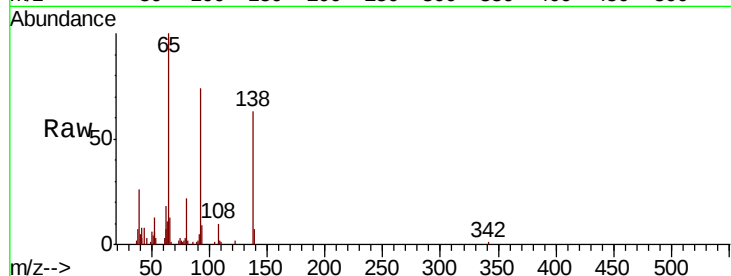




#53  
 3-Nitroaniline  
 Concen: 7.025 ng  
 RT: 14.65 min Scan# 1968  
 Delta R.T. -0.02 min  
 Lab File: BG040985.D  
 Acq: 31 May 2019 19:14

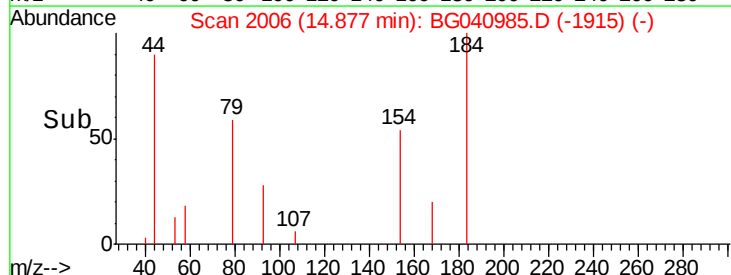
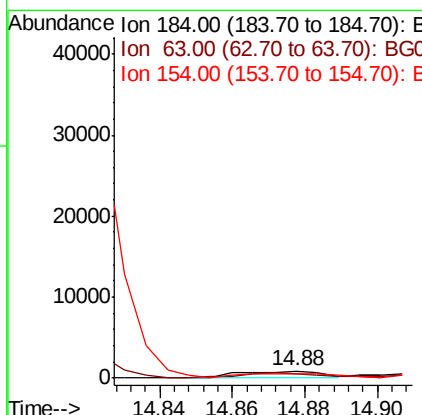
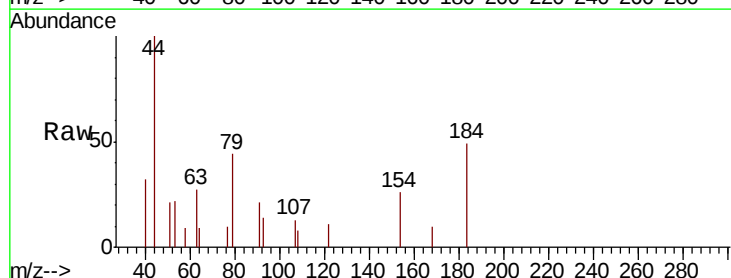
Instrument :  
 BNA\_G  
 ClientSampleId :  
 LOD-MDL-SOIL-01-QT2-2019

Tgt Ion:138 Resp: 20480  
 Ion Ratio Lower Upper  
 138 100  
 108 15.3 8.5 12.7#  
 92 117.8 99.0 148.6



#54  
 2,4-Dinitrophenol  
 Concen: 9.331 ng  
 RT: 14.88 min Scan# 2006  
 Delta R.T. 0.01 min  
 Lab File: BG040985.D  
 Acq: 31 May 2019 19:14

Tgt Ion:184 Resp: 1301  
 Ion Ratio Lower Upper  
 184 100  
 63 56.0 49.8 74.6  
 154 53.8 52.2 78.4





#55

Dibenzenofuran

Concen: 7.910 ng

RT: 15.15 min Scan# 2052

Delta R.T. -0.00 min

Lab File: BG040985.D

Acq: 31 May 2019 19:14

Instrument :

BNA\_G

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2019

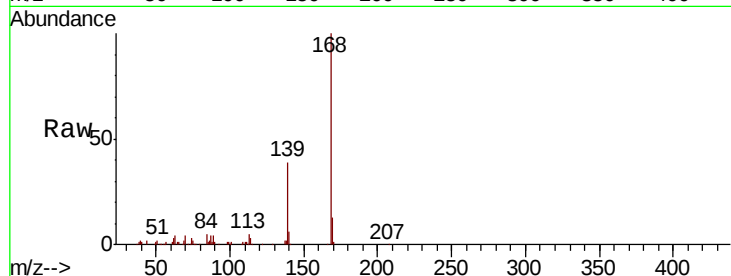
Tgt Ion:168 Resp: 123189

Ion Ratio Lower Upper

168 100

139 39.0 32.8 49.2

169 13.2 11.3 16.9

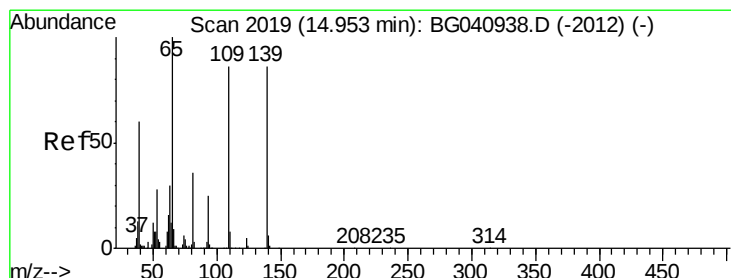
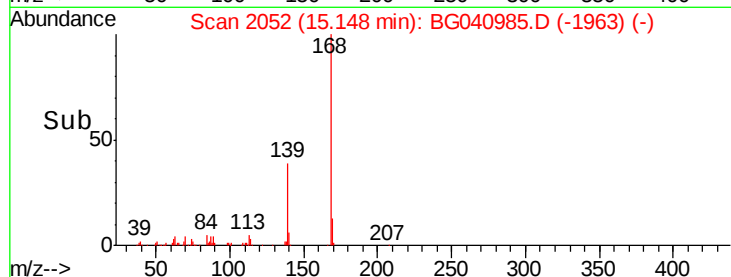
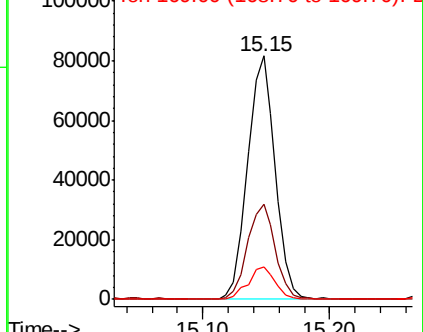


Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 5.190 ng

RT: 14.95 min Scan# 2018

Delta R.T. -0.00 min

Lab File: BG040985.D

Acq: 31 May 2019 19:14

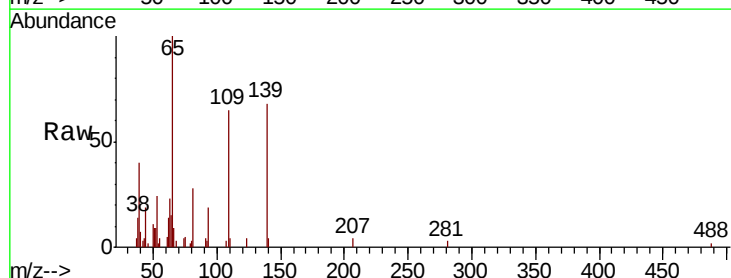
Tgt Ion:139 Resp: 10378

Ion Ratio Lower Upper

139 100

109 95.3 79.6 119.6

65 146.4 96.9 136.9#

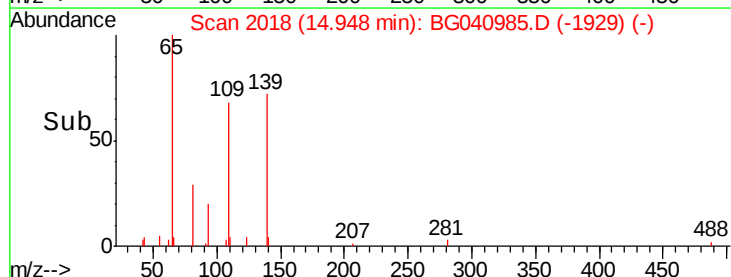
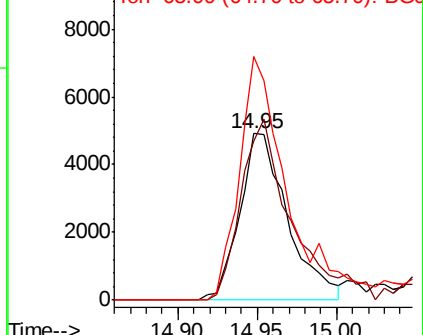


Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BG

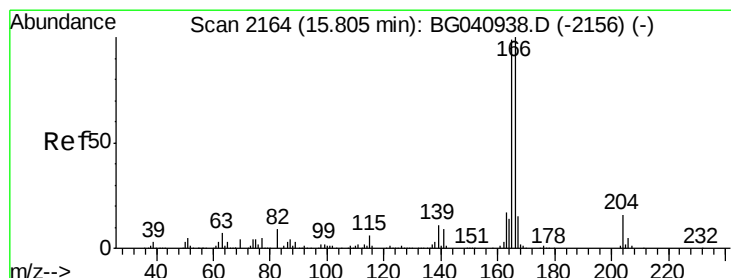
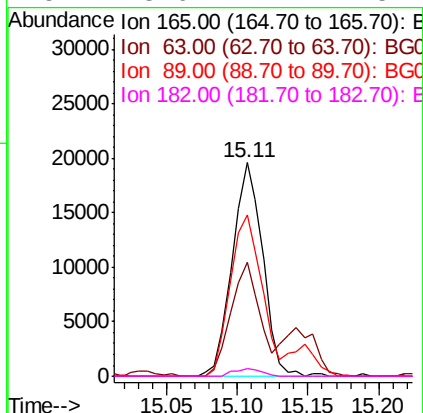
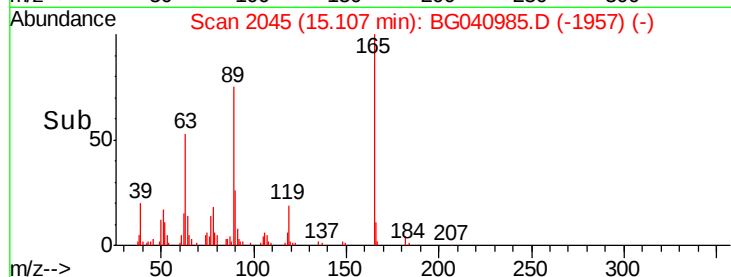
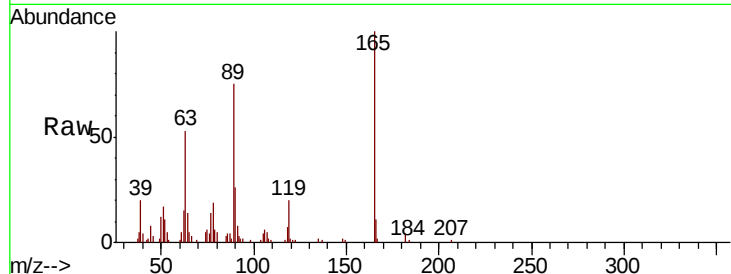




#57  
2,4-Dinitrotoluene  
Concen: 7.134 ng  
RT: 15.11 min Scan# 2045  
Delta R.T. -0.01 min  
Lab File: BG040985.D  
Acq: 31 May 2019 19:14

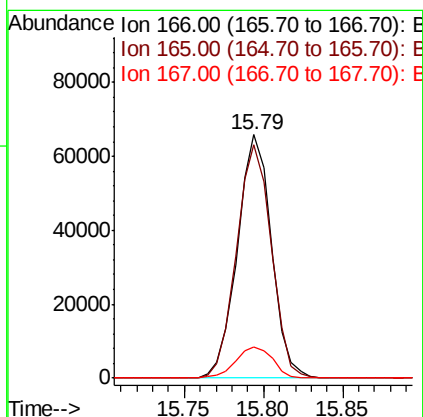
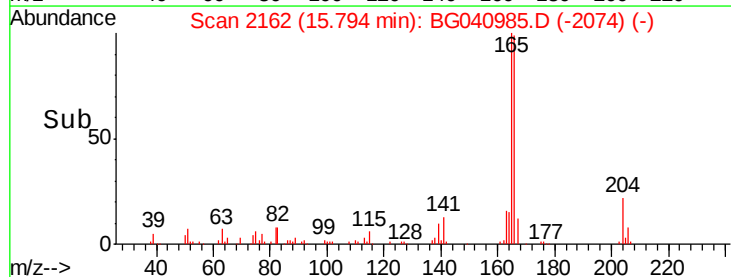
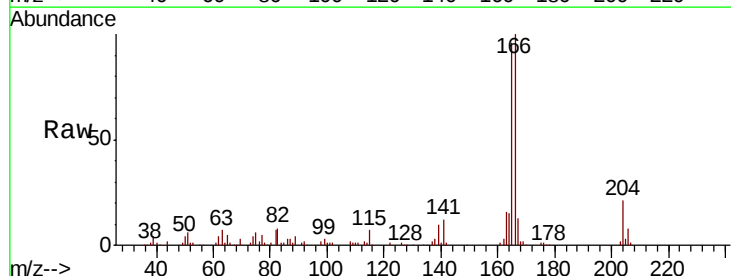
Instrument :  
BNA\_G  
ClientSampleId :  
LOD-MDL-SOIL-01-QT2-2019

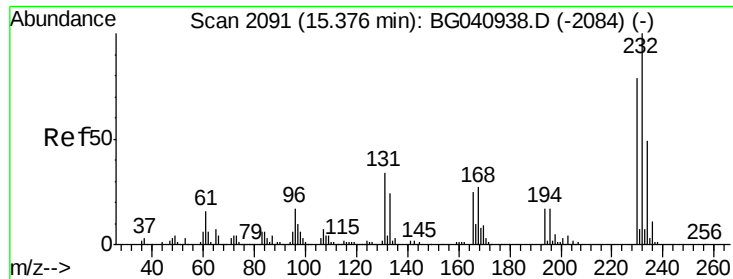
Tgt Ion:165 Resp: 29381  
Ion Ratio Lower Upper  
165 100  
63 53.3 37.3 55.9  
89 75.4 61.0 91.6  
182 3.6 2.2 3.2#



#58  
Fluorene  
Concen: 7.895 ng  
RT: 15.79 min Scan# 2162  
Delta R.T. -0.01 min  
Lab File: BG040985.D  
Acq: 31 May 2019 19:14

Tgt Ion:166 Resp: 97916  
Ion Ratio Lower Upper  
166 100  
165 95.9 79.2 118.8  
167 13.0 11.8 17.6





#59

2,3,4,6-Tetrachlorophenol

Concen: 7.333 ng

RT: 15.37 min Scan# 2089

Delta R.T. -0.01 min

Lab File: BG040985.D

Acq: 31 May 2019 19:14

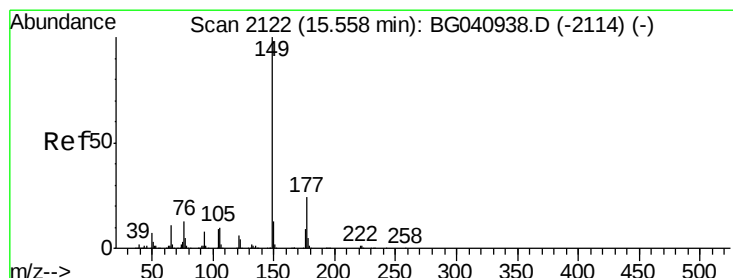
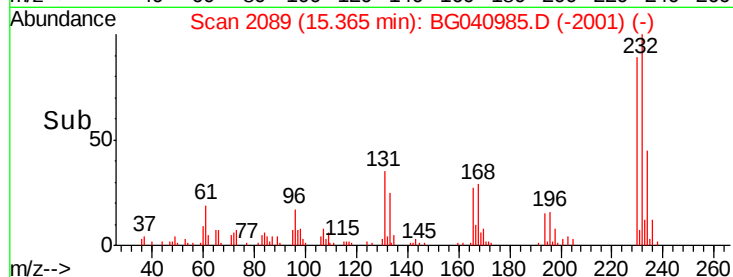
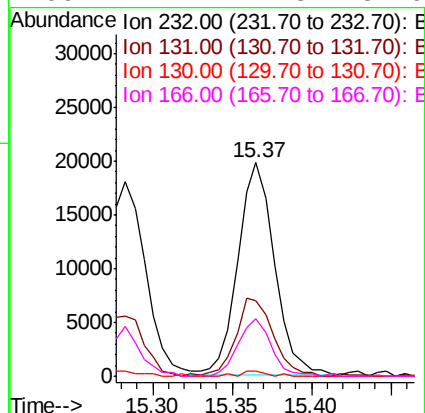
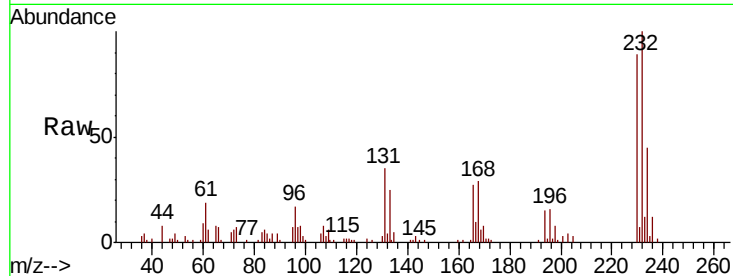
Instrument :

BNA\_G

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2019

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 232   | Resp: | 31657 |
| Ion      | Ratio | Lower | Upper |
| 232      | 100   |       |       |
| 131      | 38.0  | 30.3  | 45.5  |
| 130      | 1.8   | 1.8   | 2.8#  |
| 166      | 24.7  | 21.3  | 31.9  |



#60

Diethylphthalate

Concen: 7.419 ng

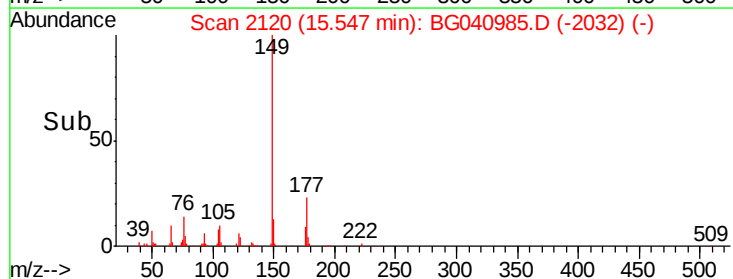
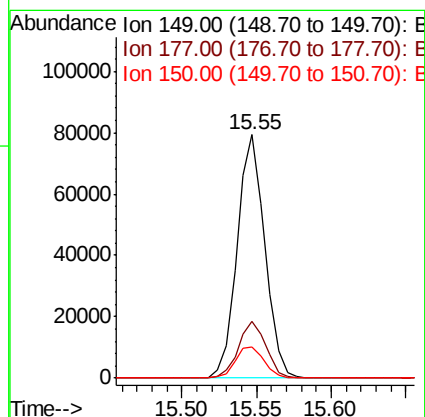
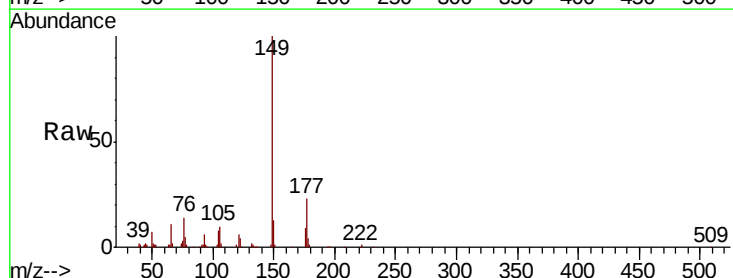
RT: 15.55 min Scan# 2120

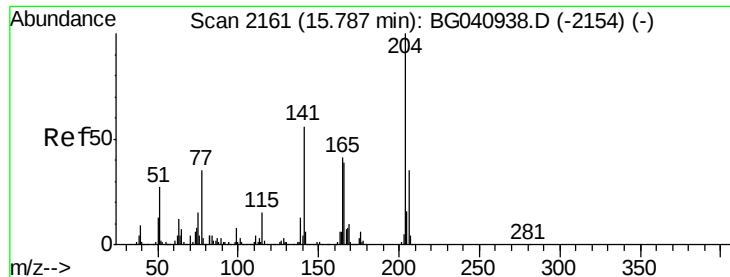
Delta R.T. -0.01 min

Lab File: BG040985.D

Acq: 31 May 2019 19:14

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 149   | Resp: | 102390 |
| Ion      | Ratio | Lower | Upper  |
| 149      | 100   |       |        |
| 177      | 23.4  | 19.4  | 29.0   |
| 150      | 12.9  | 10.3  | 15.5   |

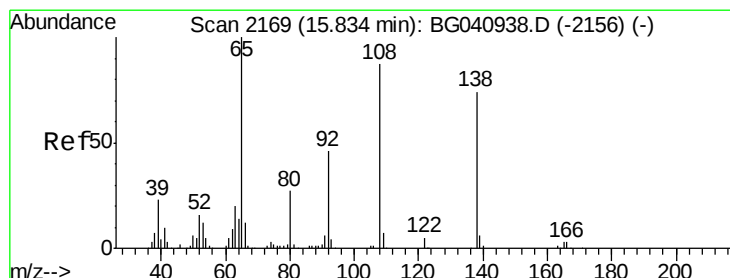
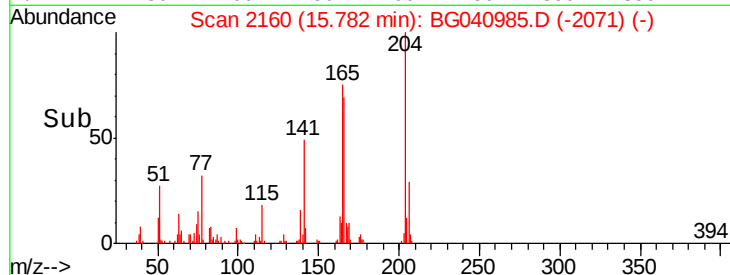
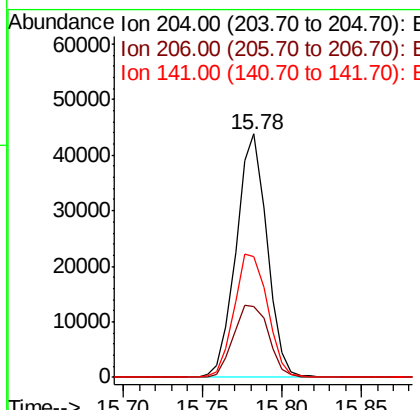
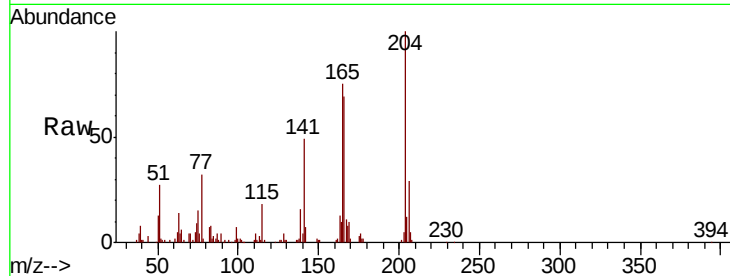




#61  
 4-Chlorophenyl-phenylether  
 Concen: 7.324 ng  
 RT: 15.78 min Scan# 2160  
 Delta R.T. -0.00 min  
 Lab File: BG040985.D  
 Acq: 31 May 2019 19:14

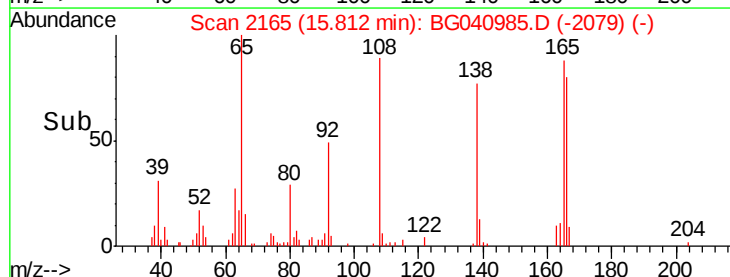
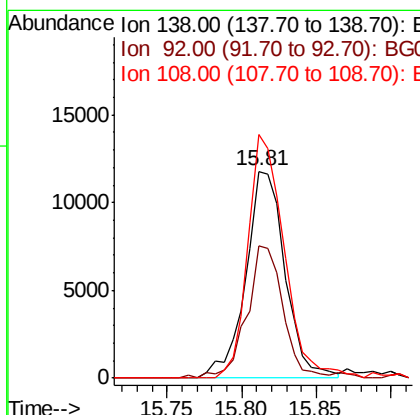
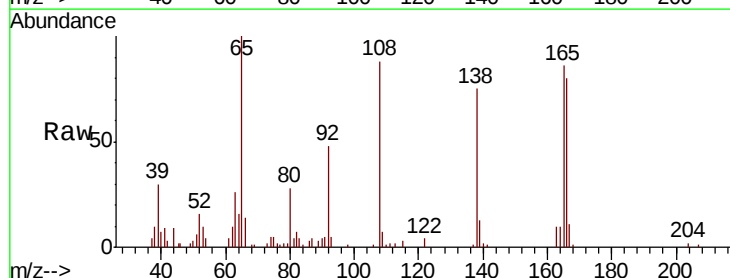
Instrument :  
 BNA\_G  
 ClientSampleId :  
 LOD-MDL-SOIL-01-QT2-2019

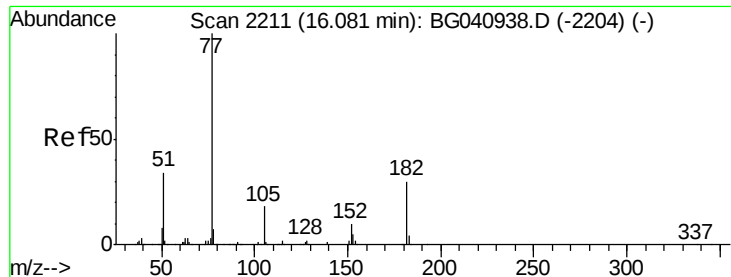
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 29.2  | 27.6  | 41.4  |
| 141     | 49.5  | 45.1  | 67.7  |



#62  
 4-Nitroaniline  
 Concen: 6.959 ng  
 RT: 15.81 min Scan# 2165  
 Delta R.T. -0.02 min  
 Lab File: BG040985.D  
 Acq: 31 May 2019 19:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 92      | 64.1  | 42.4  | 82.4  |
| 108     | 117.7 | 96.9  | 136.9 |





#63

Azobenzene

Concen: 7.795 ng

RT: 16.08 min Scan# 2210

Delta R.T. -0.00 min

Lab File: BG040985.D

Acq: 31 May 2019 19:14

Instrument :

BNA\_G

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2019

Tgt Ion: 77 Resp: 97776

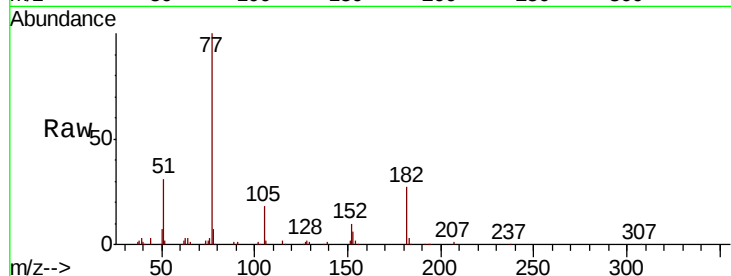
Ion Ratio Lower Upper

77 100

182 27.2 9.6 49.6

105 18.1 0.0 37.5

51 31.5 13.7 53.7

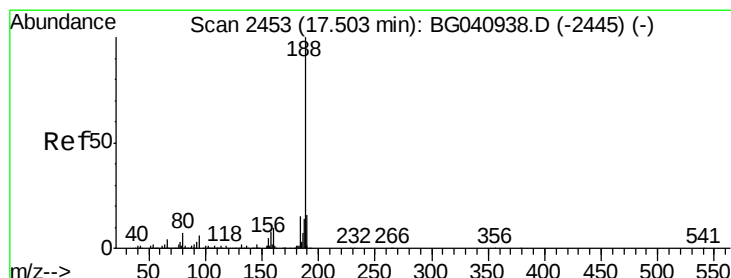
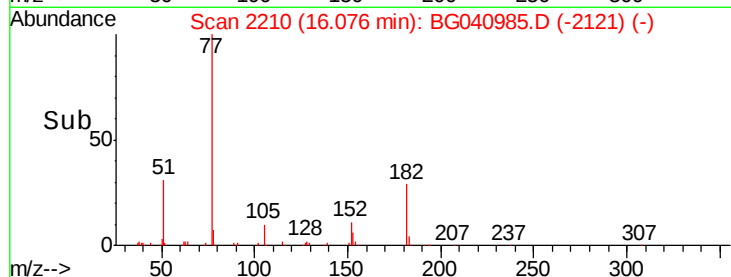
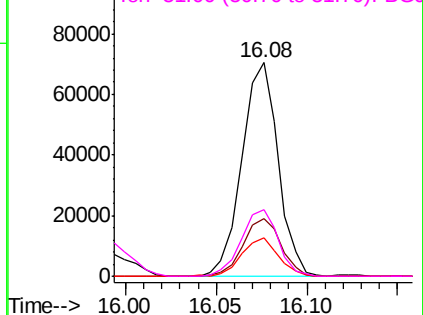


Abundance Ion 77.00 (76.70 to 77.70): BGC

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. -0.00 min

Lab File: BG040985.D

Acq: 31 May 2019 19:14

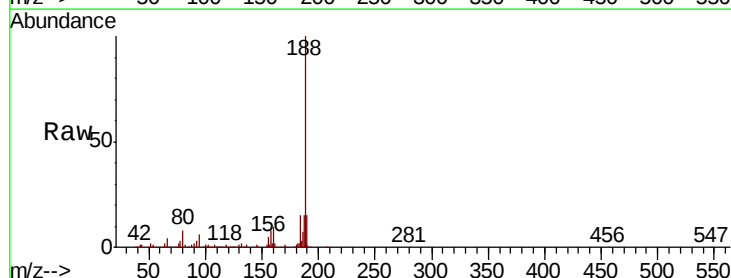
Tgt Ion: 188 Resp: 406350

Ion Ratio Lower Upper

188 100

94 5.6 4.7 7.1

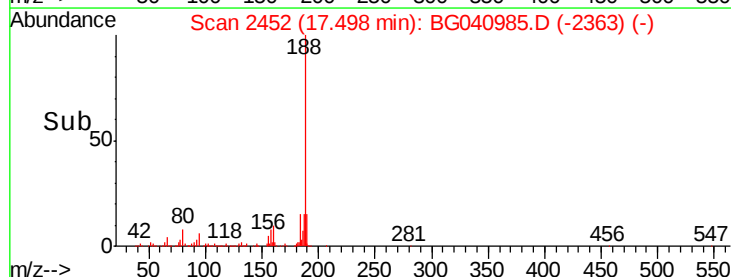
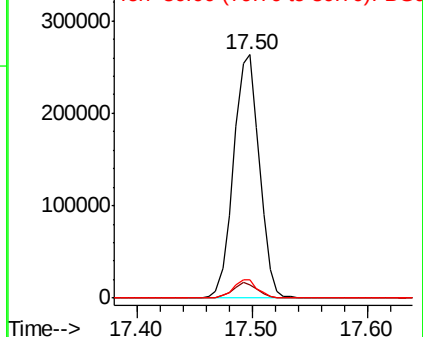
80 7.7 5.8 8.8

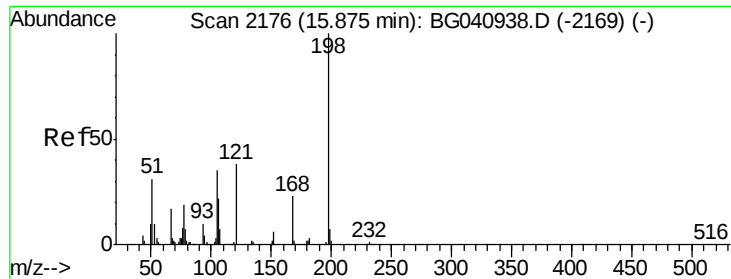


Abundance Ion 188.00 (187.70 to 188.70): BGC

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: 12.232 ng

RT: 15.86 min Scan# 2174

Delta R.T. -0.01 min

Lab File: BG040985.D

Acq: 31 May 2019 19:14

Instrument :

BNA\_G

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2019

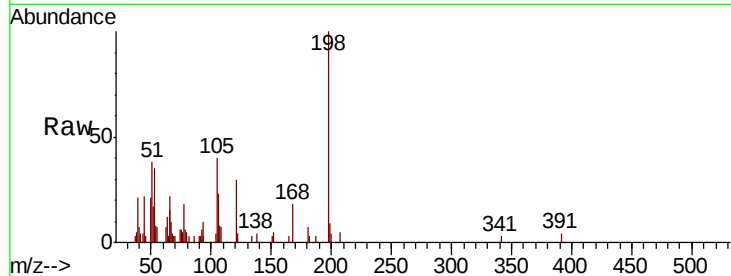
Tgt Ion:198 Resp: 9660

Ion Ratio Lower Upper

198 100

51 38.1 21.6 61.6

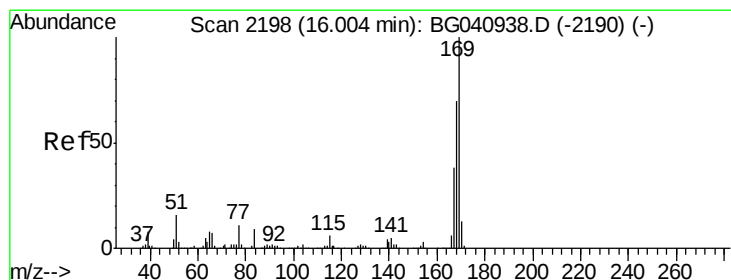
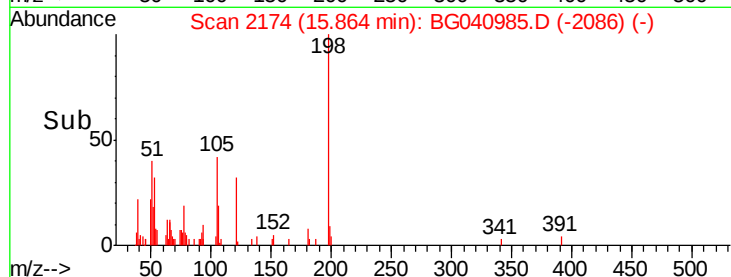
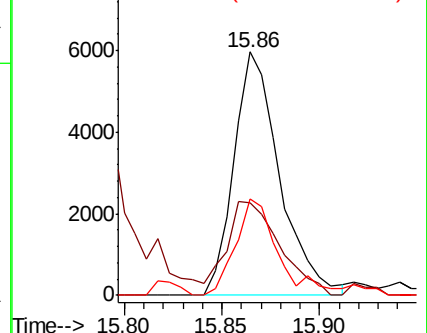
105 39.5 17.5 57.5



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: 7.707 ng

RT: 15.99 min Scan# 2196

Delta R.T. -0.01 min

Lab File: BG040985.D

Acq: 31 May 2019 19:14

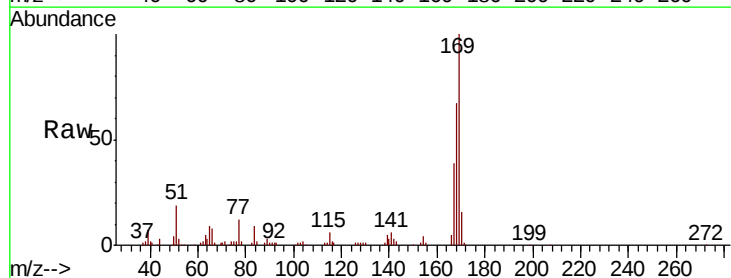
Tgt Ion:169 Resp: 88033

Ion Ratio Lower Upper

169 100

168 66.5 55.7 83.5

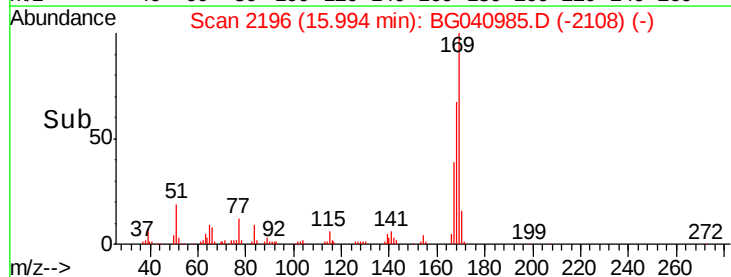
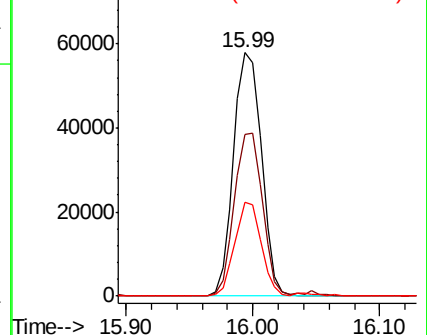
167 38.6 30.2 45.2

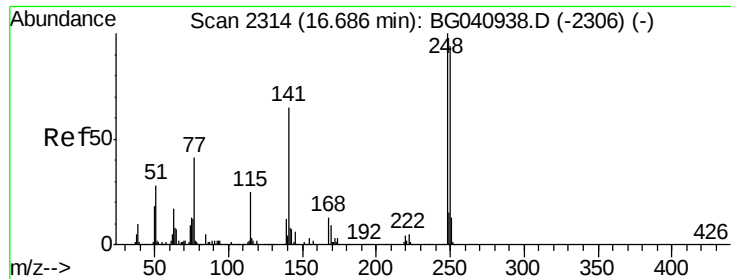


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

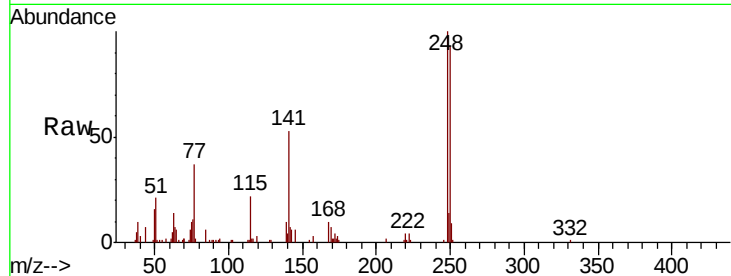




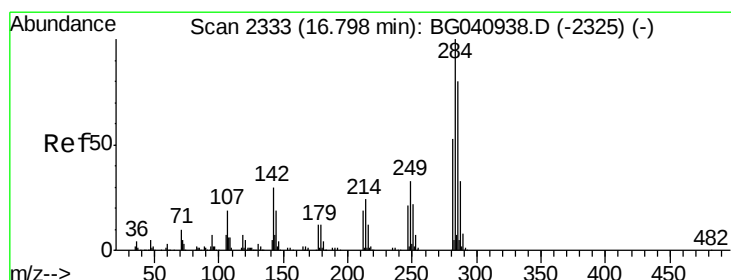
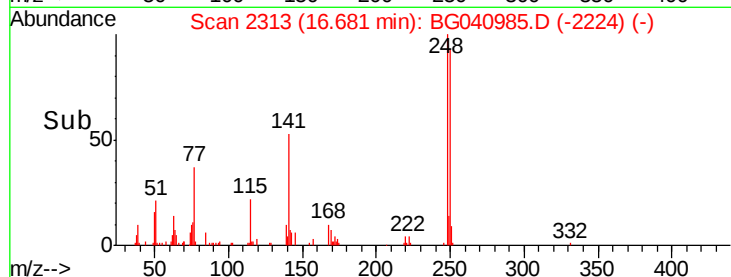
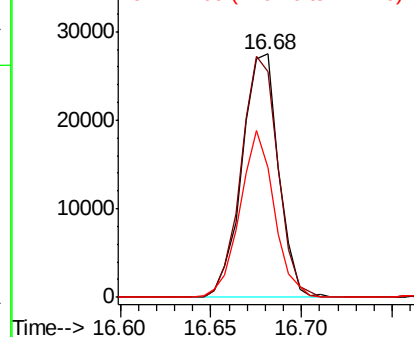
#67  
4-Bromophenyl-phenylether  
Concen: 7.011 ng  
RT: 16.68 min Scan# 2313  
Delta R.T. -0.00 min  
Lab File: BG040985.D  
Acq: 31 May 2019 19:14

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

Tgt Ion:248 Resp: 38445  
Ion Ratio Lower Upper  
248 100  
250 92.9 75.0 112.4  
141 53.1 52.4 78.6

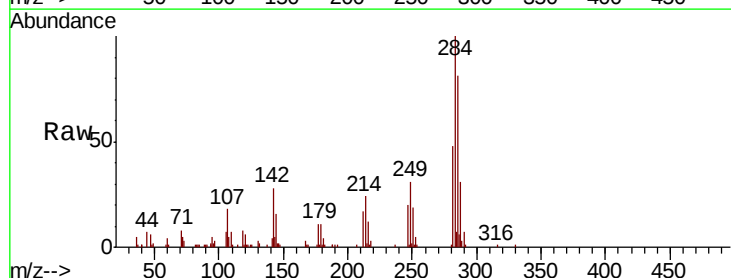


Abundance Ion 248.00 (247.70 to 248.70): E  
Ion 250.00 (249.70 to 250.70): E  
Ion 141.00 (140.70 to 141.70): E

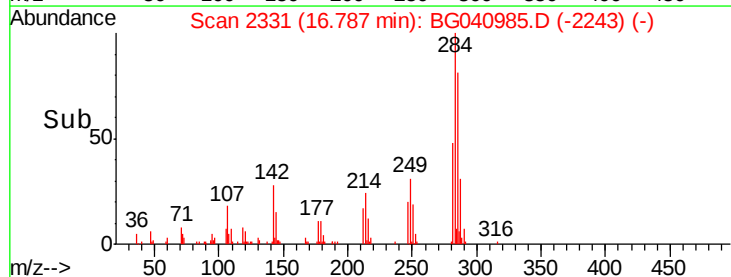
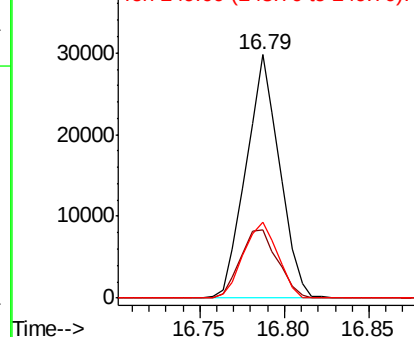


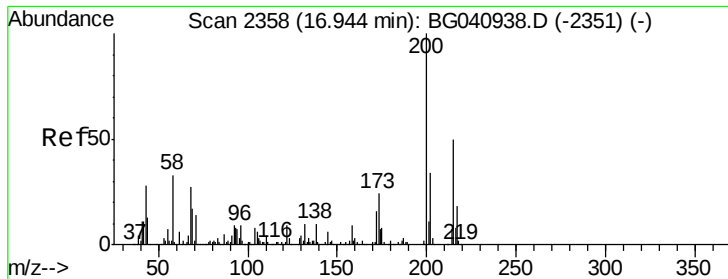
#68  
Hexachlorobenzene  
Concen: 7.063 ng  
RT: 16.79 min Scan# 2331  
Delta R.T. -0.01 min  
Lab File: BG040985.D  
Acq: 31 May 2019 19:14

Tgt Ion:284 Resp: 41245  
Ion Ratio Lower Upper  
284 100  
142 27.9 23.9 35.9  
249 31.2 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

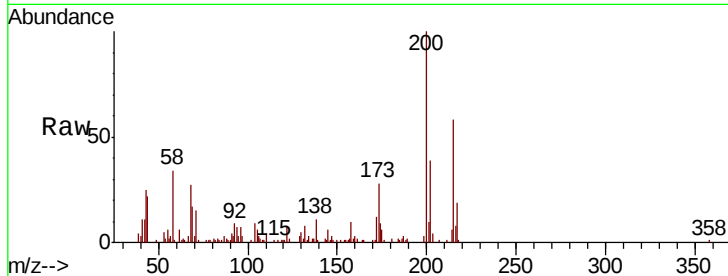




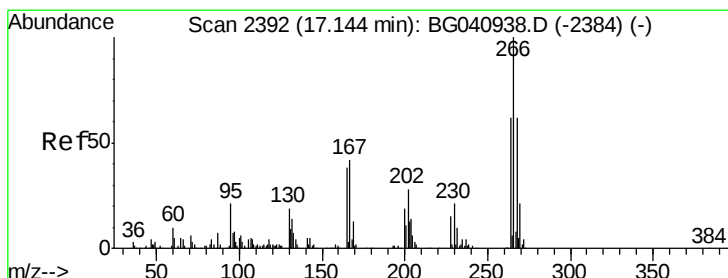
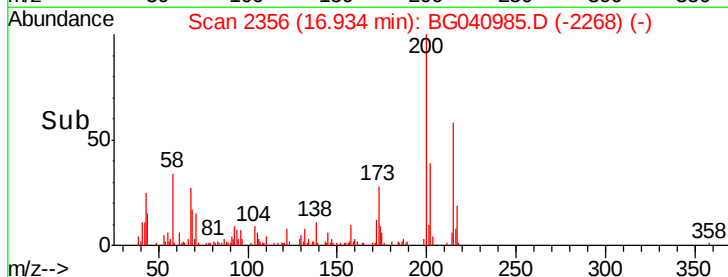
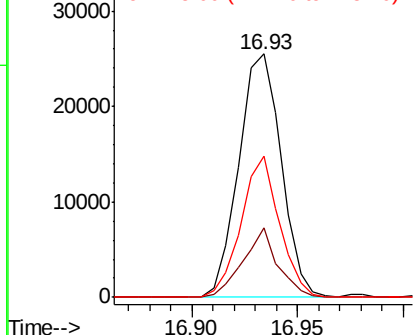
#69  
Atrazine  
Concen: 8.063 ng  
RT: 16.93 min Scan# 2356  
Delta R.T. -0.01 min  
Lab File: BG040985.D  
Acq: 31 May 2019 19:14

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

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 28.4  | 3.6   | 43.6  |
| 215     | 58.3  | 29.6  | 69.6  |

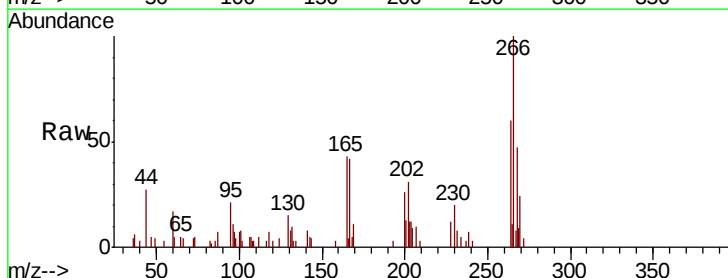


Abundance Ion 200.00 (199.70 to 200.70): E  
Ion 173.00 (172.70 to 173.70): E  
Ion 215.00 (214.70 to 215.70): E

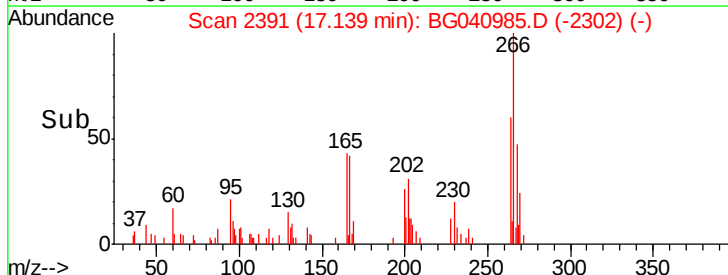
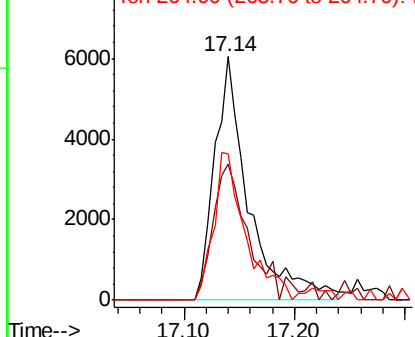


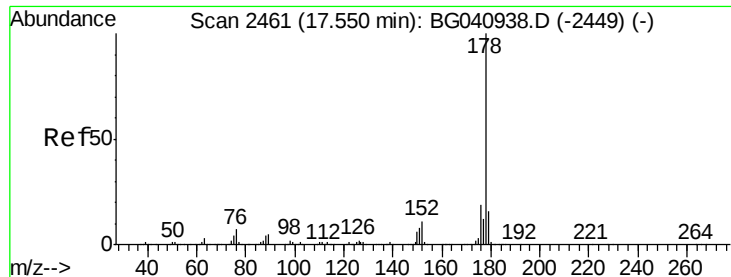
#70  
Pentachlorophenol  
Concen: 8.159 ng  
RT: 17.14 min Scan# 2391  
Delta R.T. -0.00 min  
Lab File: BG040985.D  
Acq: 31 May 2019 19:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 55.7  | 53.1  | 79.7  |
| 264     | 59.9  | 49.9  | 74.9  |



Abundance Ion 265.70 (265.40 to 266.40): E  
Ion 268.00 (267.70 to 268.70): E  
Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 8.004 ng

RT: 17.54 min Scan# 2459

Delta R.T. -0.01 min

Lab File: BG040985.D

Acq: 31 May 2019 19:14

Instrument :

BNA\_G

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2019

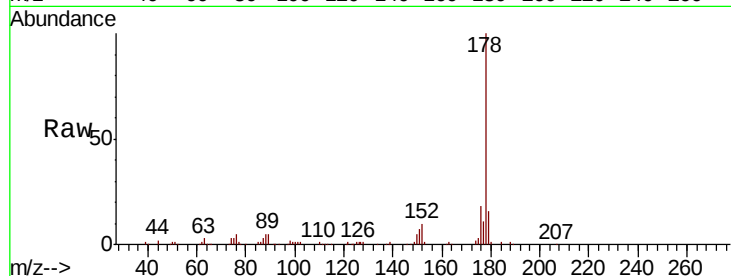
Tgt Ion:178 Resp: 169411

Ion Ratio Lower Upper

178 100

176 18.3 15.5 23.3

179 16.4 12.7 19.1

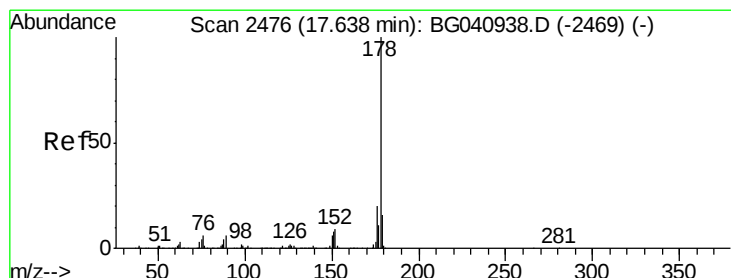
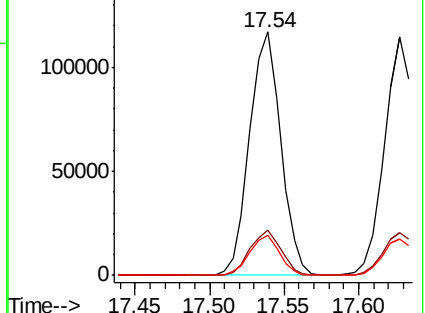
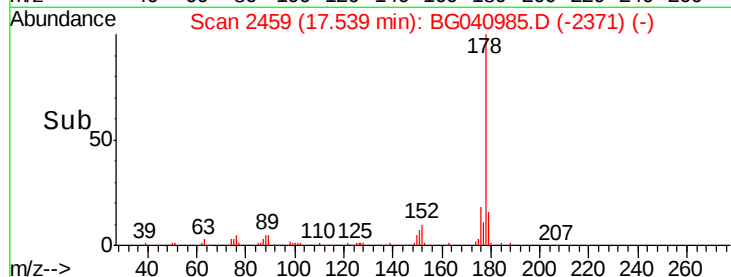


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 7.967 ng

RT: 17.63 min Scan# 2474

Delta R.T. -0.01 min

Lab File: BG040985.D

Acq: 31 May 2019 19:14

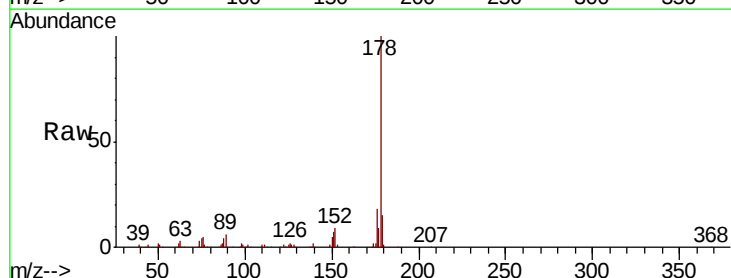
Tgt Ion:178 Resp: 166313

Ion Ratio Lower Upper

178 100

176 17.8 15.6 23.4

179 15.1 13.0 19.4

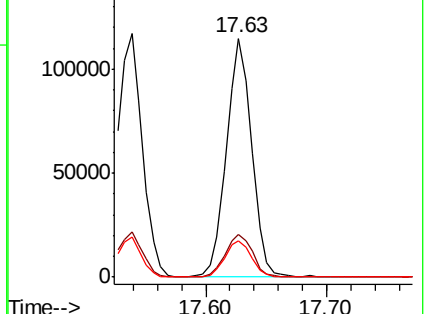
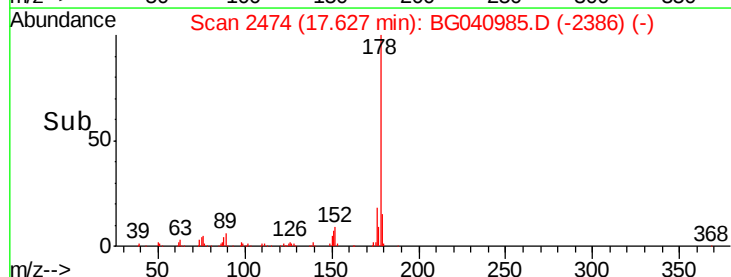


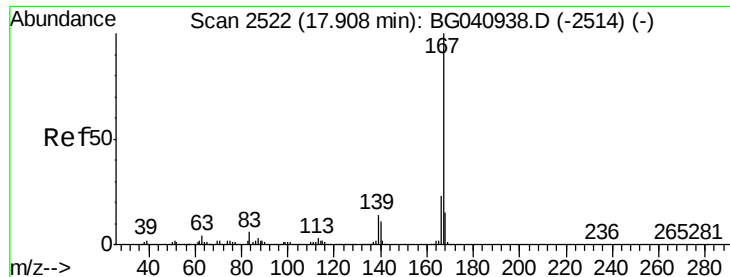
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 7.827 ng

RT: 17.90 min Scan# 2520

Delta R.T. -0.01 min

Lab File: BG040985.D

Acq: 31 May 2019 19:14

Instrument :

BNA\_G

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2019

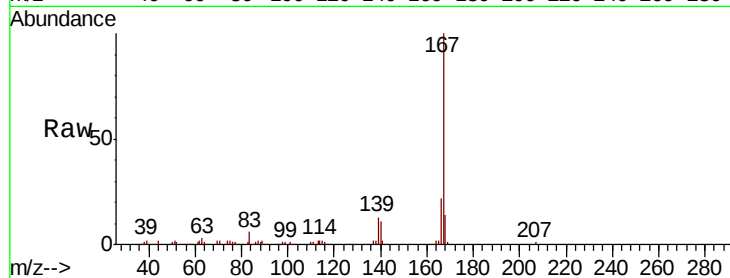
Tgt Ion:167 Resp: 140190

Ion Ratio Lower Upper

167 100

166 22.1 18.2 27.4

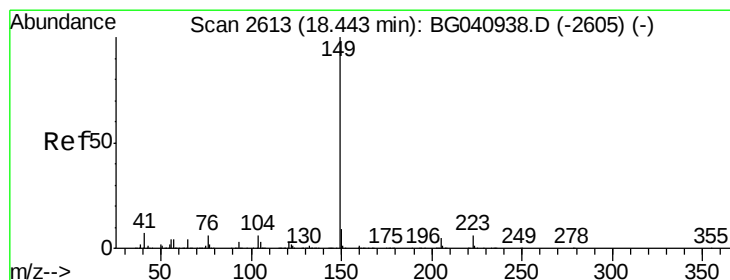
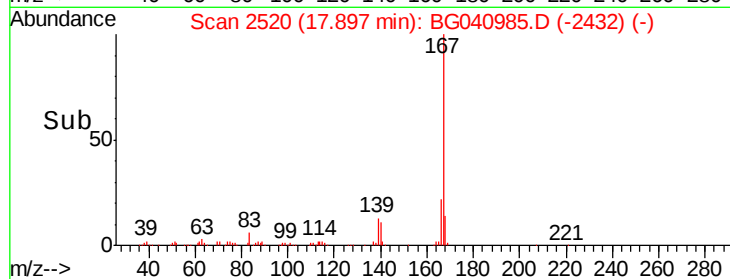
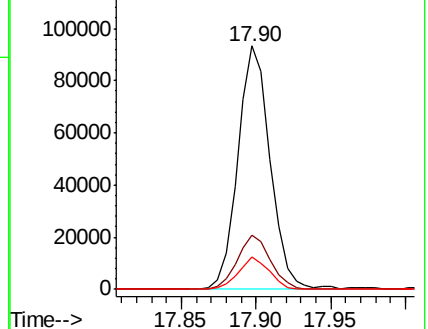
139 13.2 10.8 16.2



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: 7.301 ng

RT: 18.43 min Scan# 2611

Delta R.T. -0.01 min

Lab File: BG040985.D

Acq: 31 May 2019 19:14

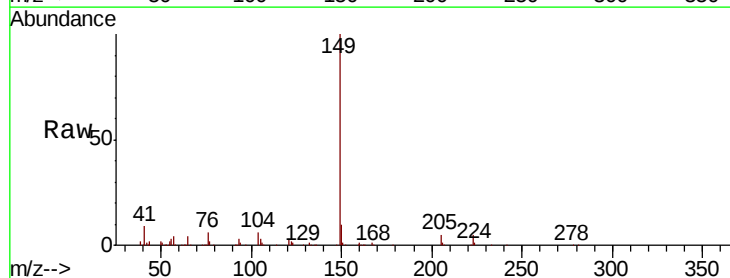
Tgt Ion:149 Resp: 162531

Ion Ratio Lower Upper

149 100

150 10.2 7.4 11.2

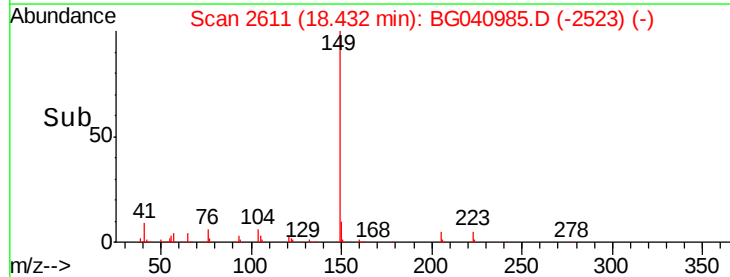
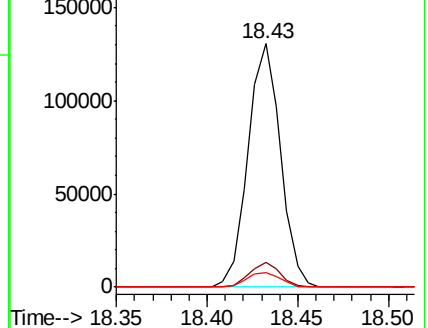
104 6.1 5.0 7.4

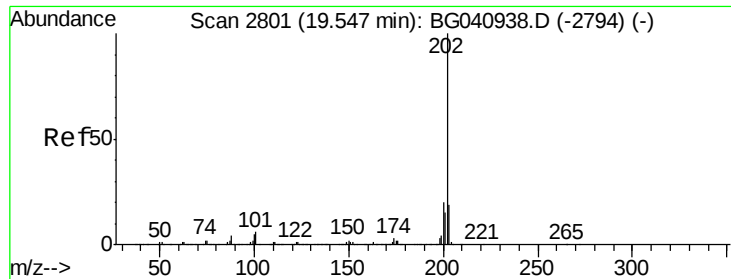


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 8.254 ng

RT: 19.54 min Scan# 2799

Delta R.T. -0.01 min

Lab File: BG040985.D

Acq: 31 May 2019 19:14

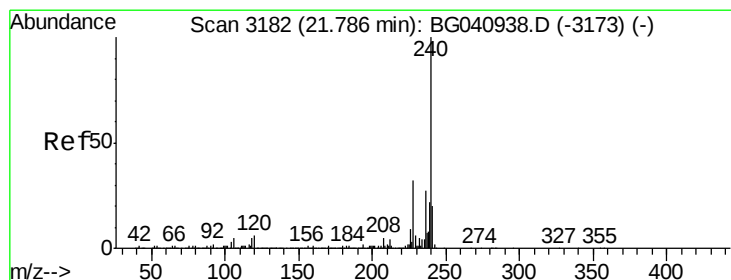
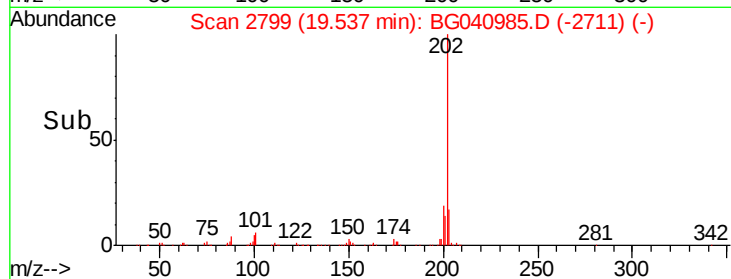
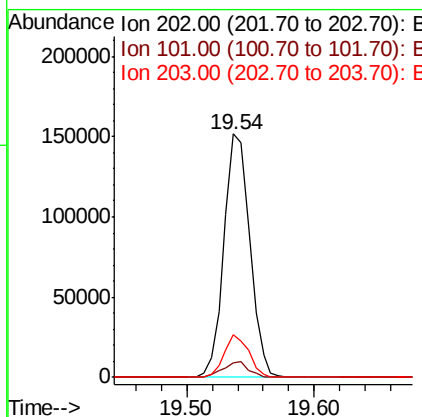
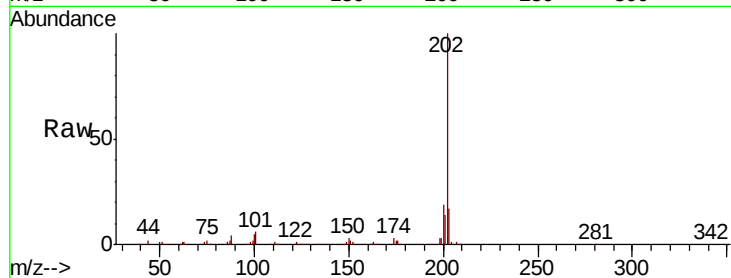
Instrument :

BNA\_G

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2019

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 202   | Resp: | 215781 |
| Ion Ratio | Lower | Upper |        |
| 202       | 100   |       |        |
| 101       | 6.0   | 0.0   | 26.2   |
| 203       | 17.3  | 0.0   | 38.7   |



#76

Chrysene-d12

Concen: 20.000 ng

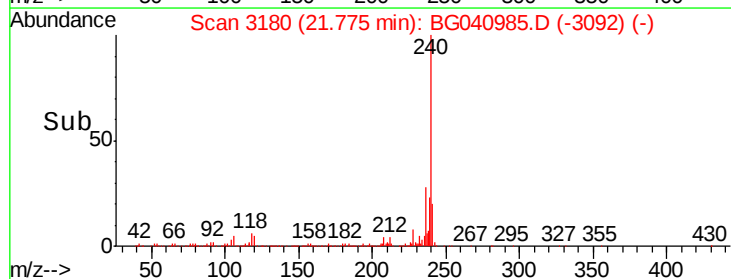
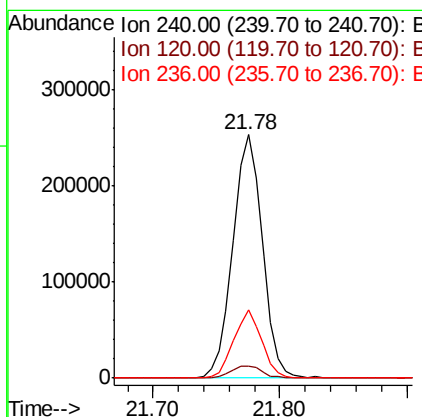
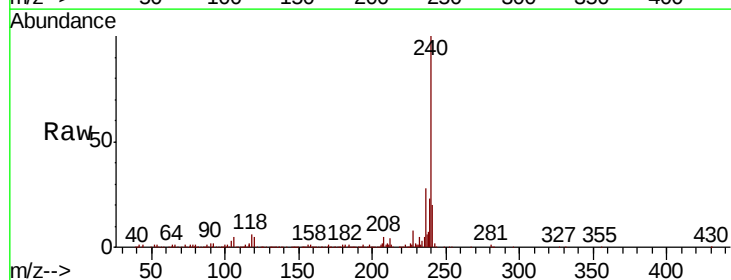
RT: 21.78 min Scan# 3180

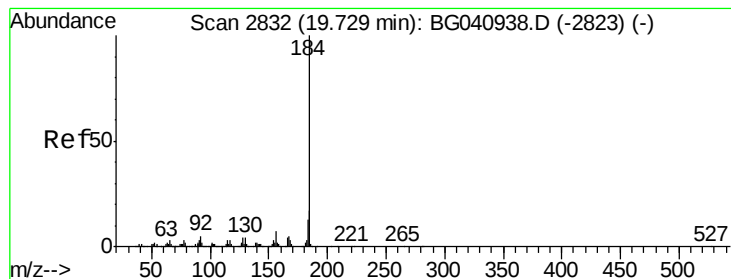
Delta R.T. -0.01 min

Lab File: BG040985.D

Acq: 31 May 2019 19:14

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 240   | Resp: | 408053 |
| Ion Ratio | Lower | Upper |        |
| 240       | 100   |       |        |
| 120       | 5.0   | 4.5   | 6.7    |
| 236       | 28.1  | 21.3  | 31.9   |





#77

Benzidine

Concen: 7.670 ng

RT: 19.72 min Scan# 2830

Delta R.T. -0.01 min

Lab File: BG040985.D

Acq: 31 May 2019 19:14

Instrument :

BNA\_G

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2019

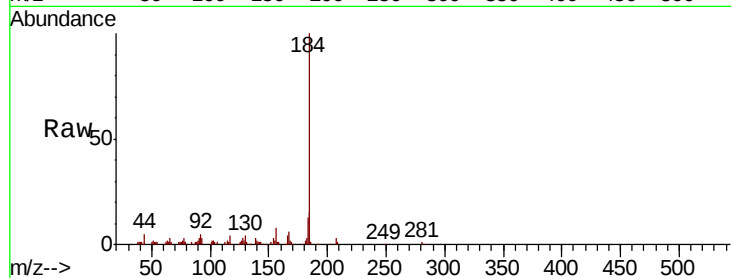
Tgt Ion:184 Resp: 74663

Ion Ratio Lower Upper

184 100

185 14.8 13.3 19.9

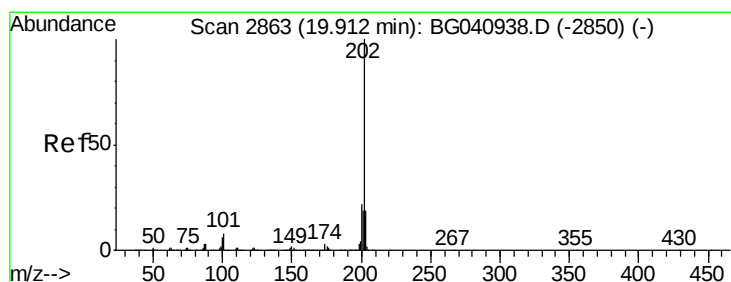
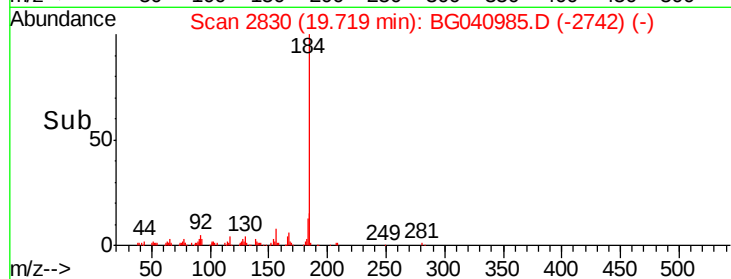
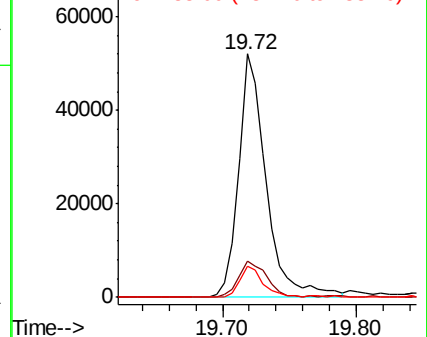
183 12.9 10.7 16.1



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: 8.333 ng

RT: 19.90 min Scan# 2861

Delta R.T. -0.01 min

Lab File: BG040985.D

Acq: 31 May 2019 19:14

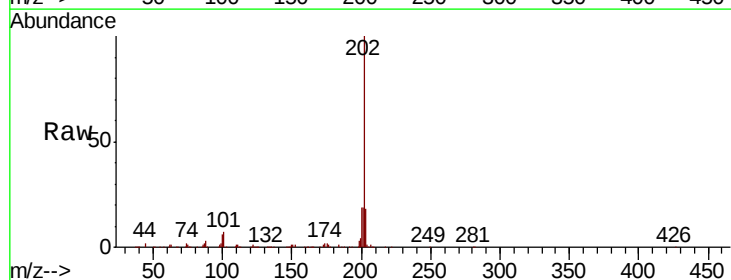
Tgt Ion:202 Resp: 221042

Ion Ratio Lower Upper

202 100

200 19.5 17.5 26.3

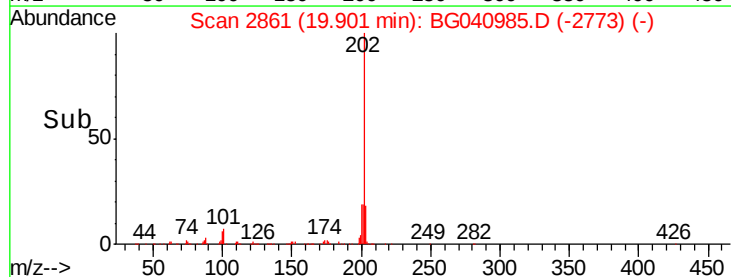
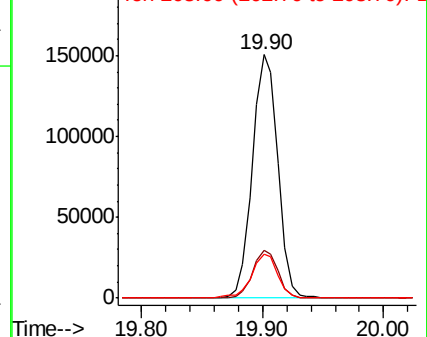
203 18.2 15.6 23.4



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: 79.784 ng

RT: 20.09 min Scan# 2893

Delta R.T. -0.01 min

Lab File: BG040985.D

Acq: 31 May 2019 19:14

Instrument :

BNA\_G

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2019

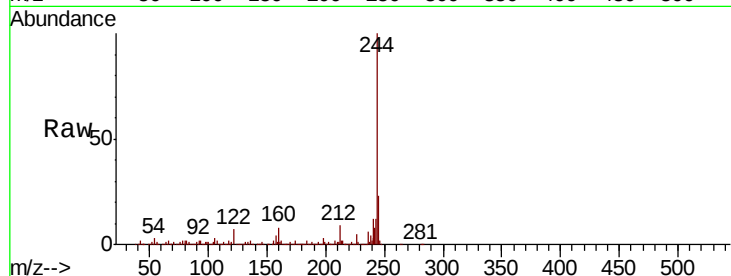
Tgt Ion:244 Resp: 1533970

Ion Ratio Lower Upper

244 100

212 9.2 7.0 10.4

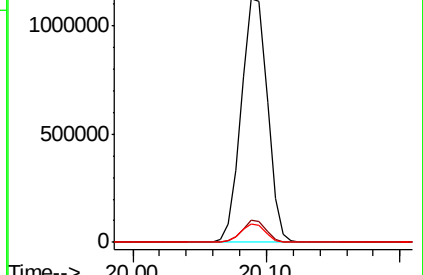
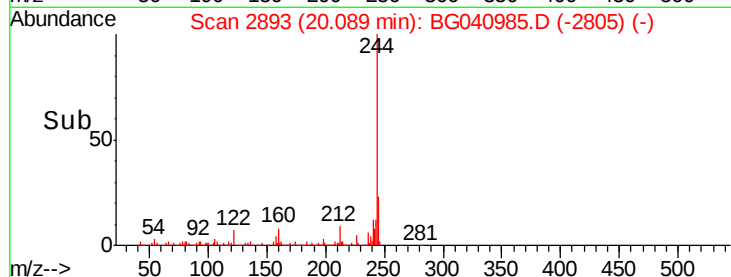
122 7.3 5.4 8.0



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: 7.257 ng

RT: 20.77 min Scan# 3009

Delta R.T. -0.00 min

Lab File: BG040985.D

Acq: 31 May 2019 19:14

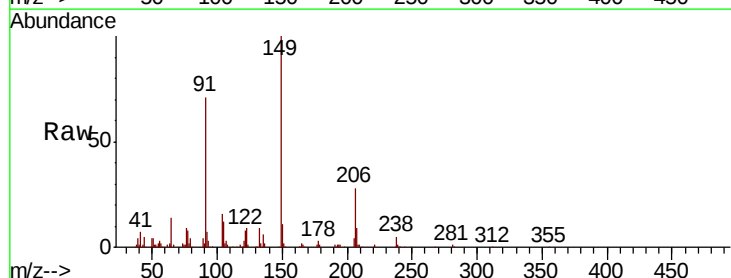
Tgt Ion:149 Resp: 74912

Ion Ratio Lower Upper

149 100

91 71.4 56.5 84.7

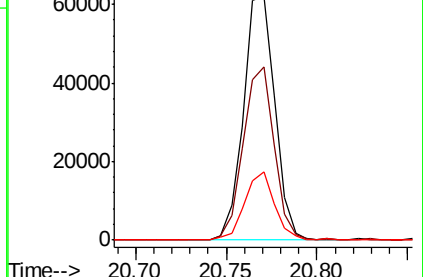
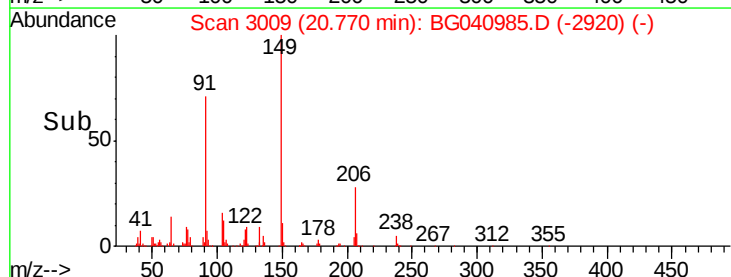
206 28.0 20.3 30.5

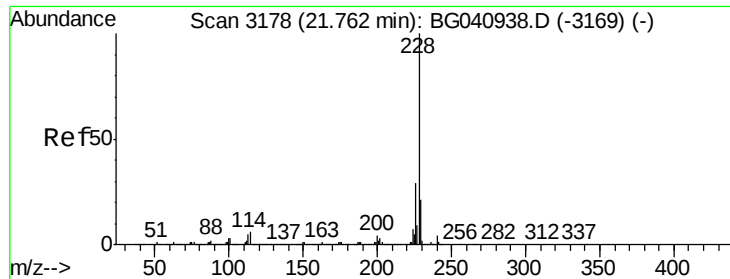


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 8.109 ng

RT: 21.75 min Scan# 3176

Delta R.T. -0.01 min

Lab File: BG040985.D

Acq: 31 May 2019 19:14

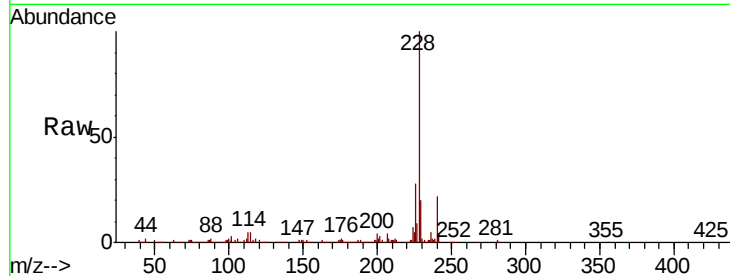
Instrument :

BNA\_G

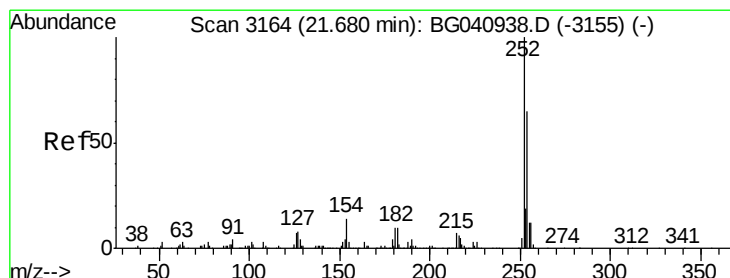
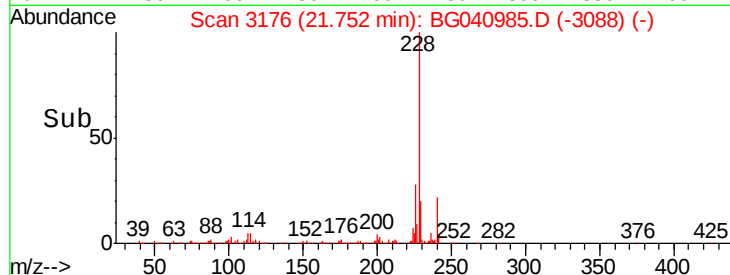
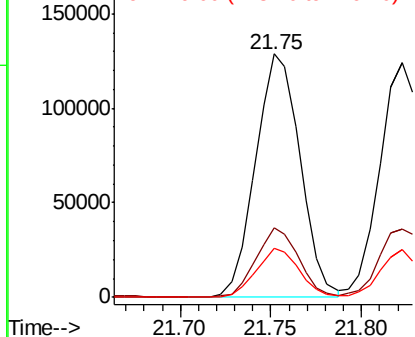
ClientSampleId :

LOD-MDL-SOIL-01-QT2-2019

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 228   | Resp: | 220257 |
| Ion      | Ratio | Lower | Upper  |
| 228      | 100   |       |        |
| 226      | 28.5  | 23.5  | 35.3   |
| 229      | 19.9  | 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: 7.464 ng

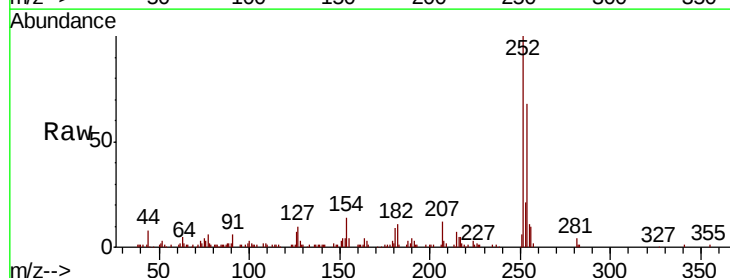
RT: 21.67 min Scan# 3162

Delta R.T. -0.01 min

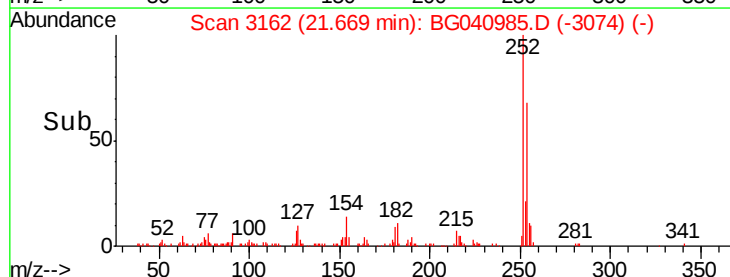
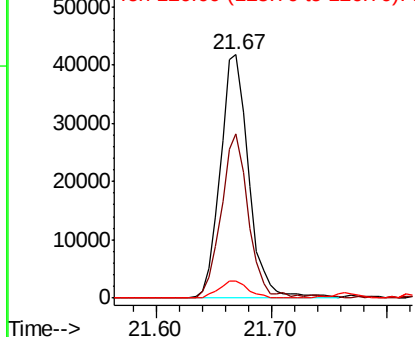
Lab File: BG040985.D

Acq: 31 May 2019 19:14

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 252   | Resp: | 71307 |
| Ion      | Ratio | Lower | Upper |
| 252      | 100   |       |       |
| 254      | 67.6  | 52.1  | 78.1  |
| 126      | 6.8   | 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: 7.951 ng

RT: 21.82 min Scan# 3188

Delta R.T. -0.01 min

Lab File: BG040985.D

Acq: 31 May 2019 19:14

Instrument :

BNA\_G

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2019

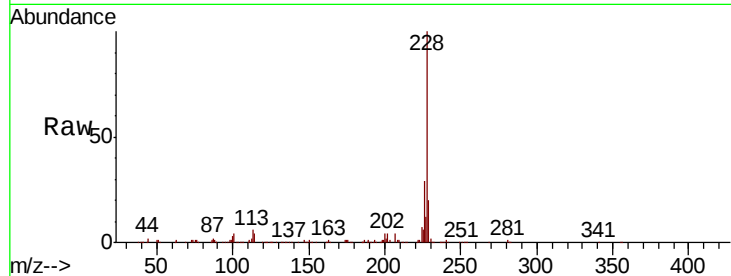
Tgt Ion: 228 Resp: 206685

Ion Ratio Lower Upper

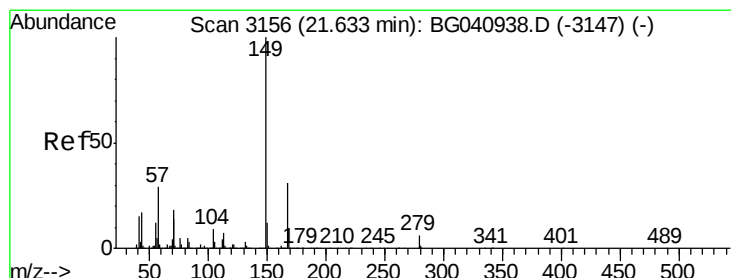
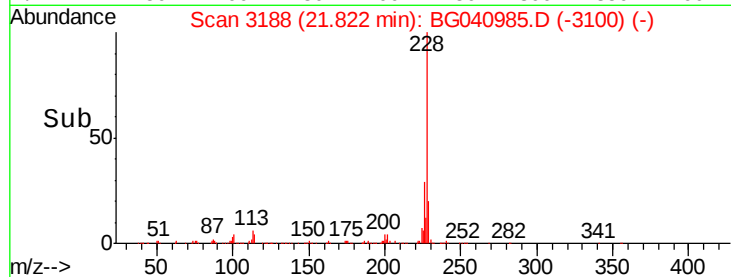
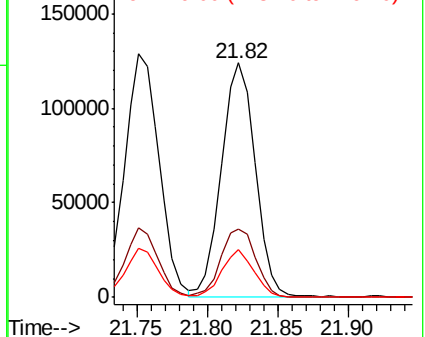
228 100

226 29.4 24.6 37.0

229 20.4 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: 7.043 ng

RT: 21.62 min Scan# 3154

Delta R.T. -0.01 min

Lab File: BG040985.D

Acq: 31 May 2019 19:14

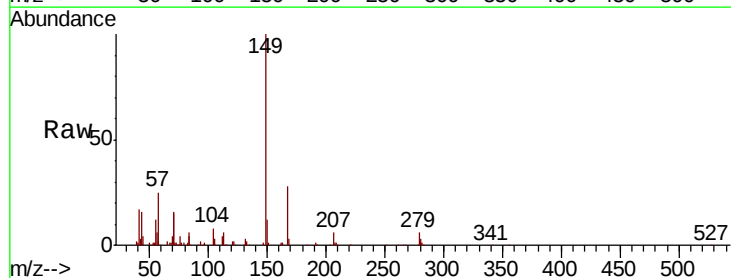
Tgt Ion: 149 Resp: 102345

Ion Ratio Lower Upper

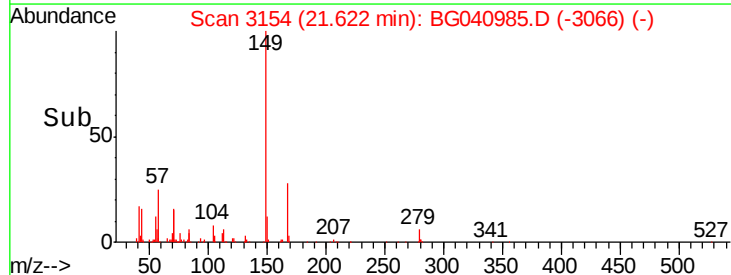
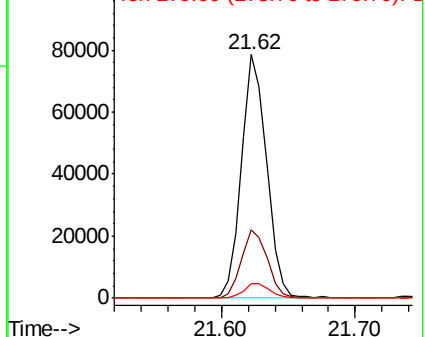
149 100

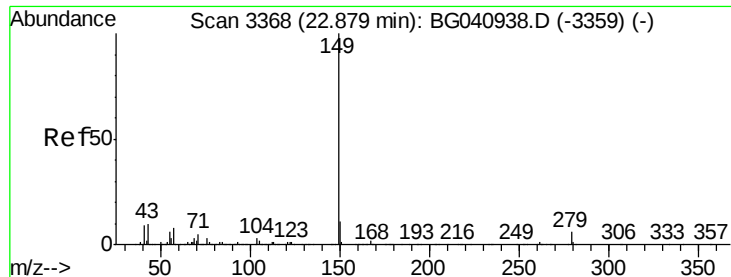
167 28.2 24.6 37.0

279 6.0 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: 7.177 ng

RT: 22.87 min Scan# 3367

Delta R.T. -0.00 min

Lab File: BG040985.D

Acq: 31 May 2019 19:14

Instrument :

BNA\_G

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2019

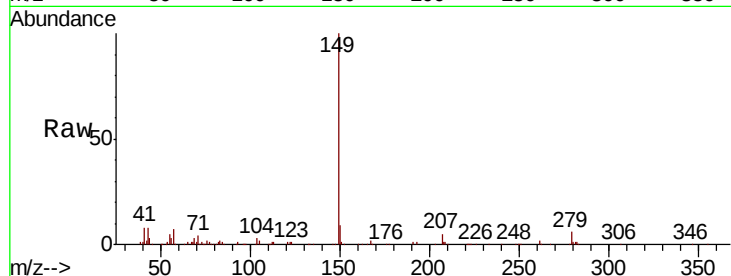
Tgt Ion:149 Resp: 173697

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.0

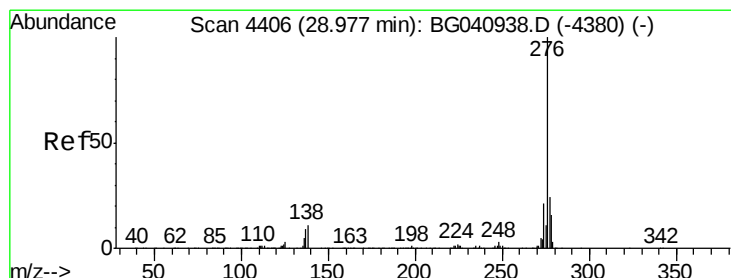
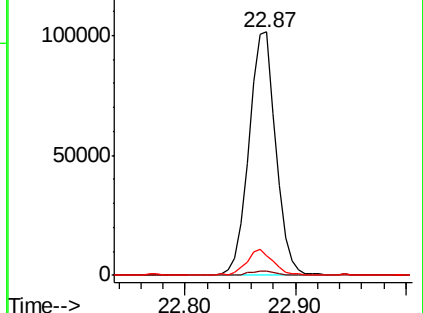
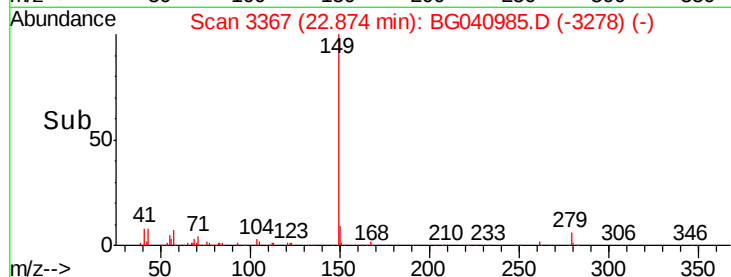
43 10.8 8.1 12.1



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: 6.969 ng

RT: 28.94 min Scan# 4400

Delta R.T. -0.03 min

Lab File: BG040985.D

Acq: 31 May 2019 19:14

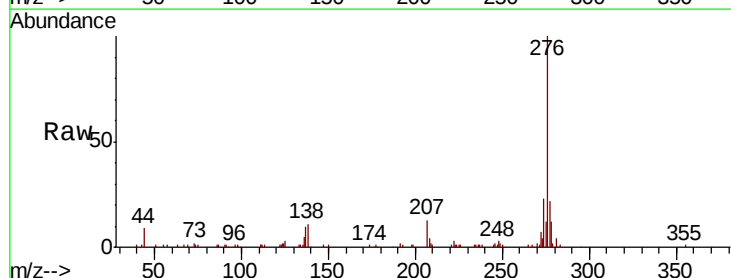
Tgt Ion:276 Resp: 221900

Ion Ratio Lower Upper

276 100

138 6.0 5.7 8.5

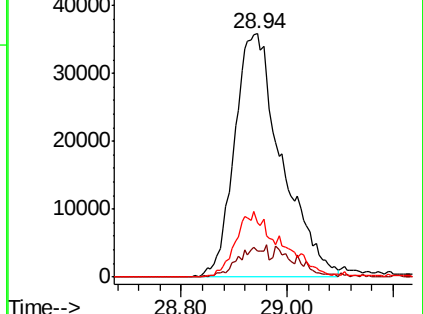
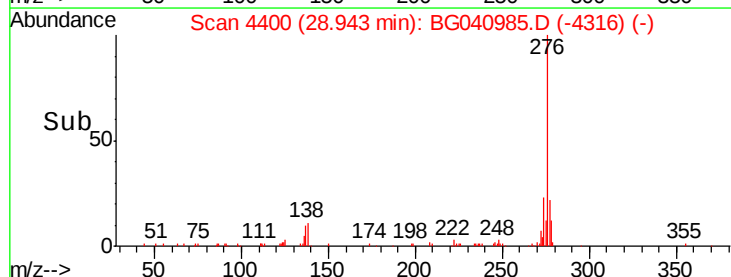
277 0.0 20.8 31.2#

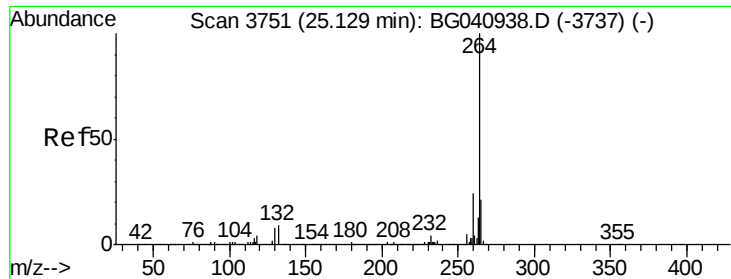


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



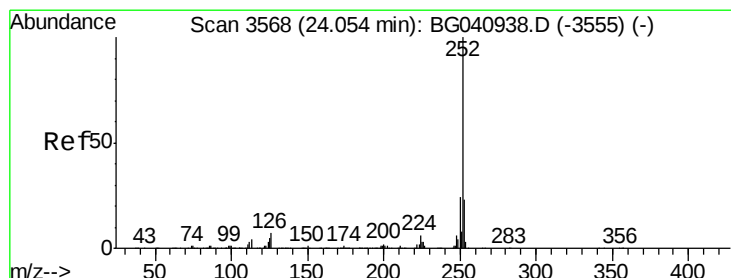
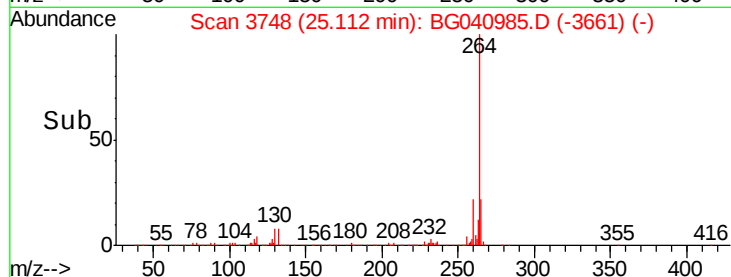
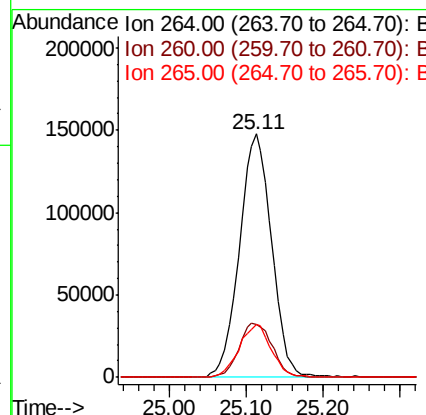
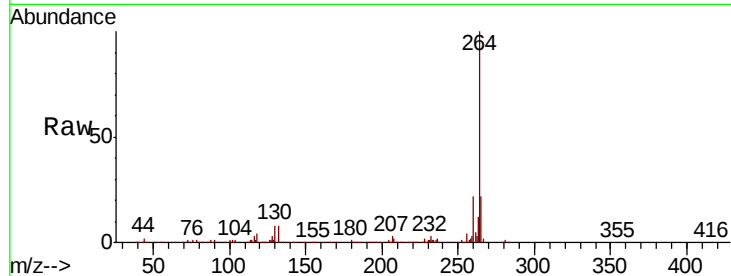


#87  
Perylene-d12  
Concen: 20.000 ng  
RT: 25.11 min Scan# 3748  
Delta R.T. -0.02 min  
Lab File: BG040985.D  
Acq: 31 May 2019 19:14

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

Tgt Ion: 264 Resp: 432120  

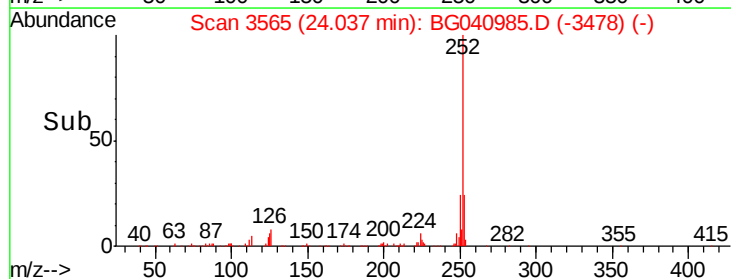
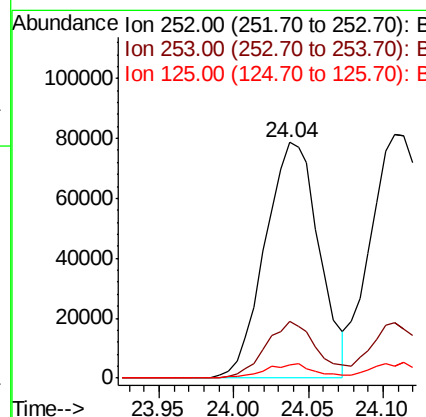
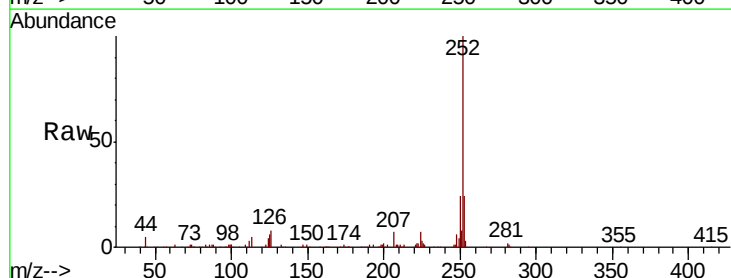
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 22.0  | 19.0  | 28.4  |
| 265 | 21.8  | 17.0  | 25.4  |

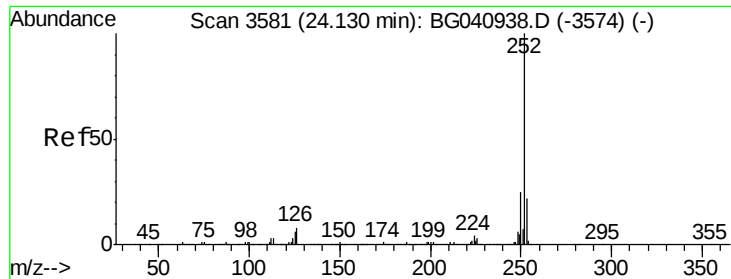


#88  
Benzo(b)fluoranthene  
Concen: 7.545 ng  
RT: 24.04 min Scan# 3565  
Delta R.T. -0.02 min  
Lab File: BG040985.D  
Acq: 31 May 2019 19:14

Tgt Ion: 252 Resp: 197758  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 24.0  | 18.4  | 27.6  |
| 125 | 5.8   | 4.3   | 6.5   |

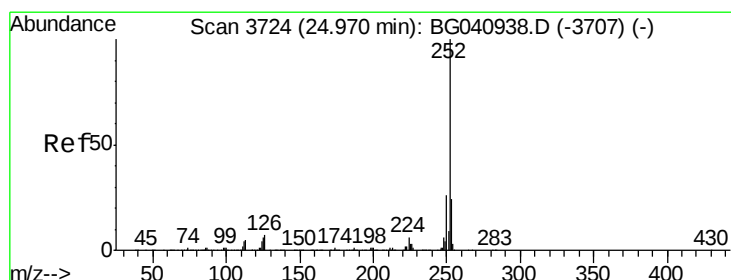
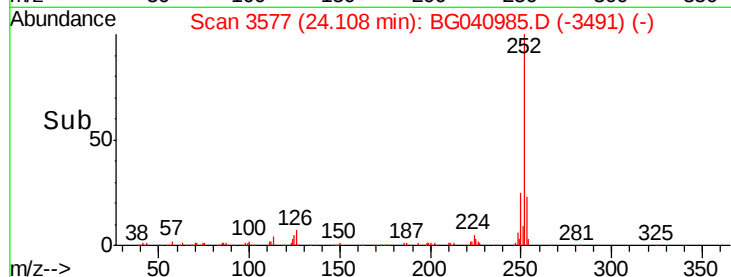
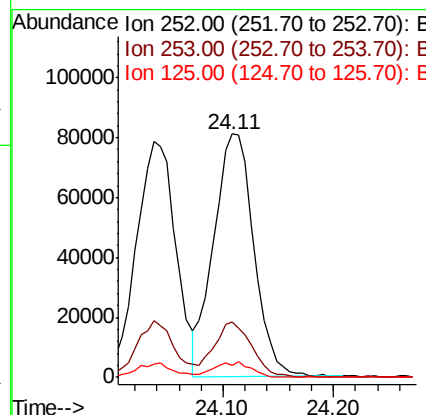
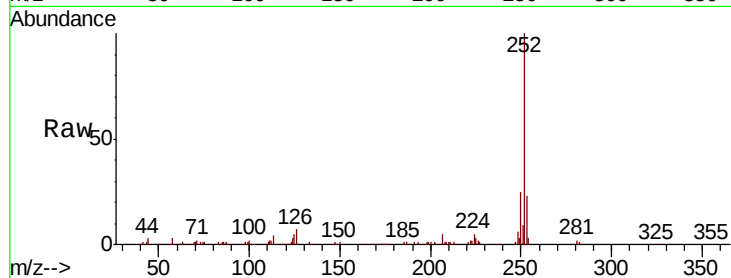




#89  
Benzo(k)fluoranthene  
Concen: 7.878 ng  
RT: 24.11 min Scan# 3577  
Delta R.T. -0.02 min  
Lab File: BG040985.D  
Acq: 31 May 2019 19:14

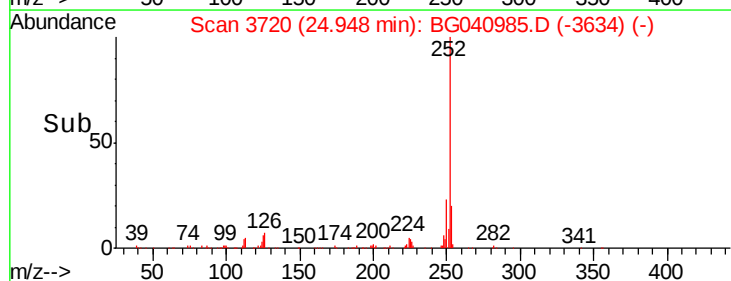
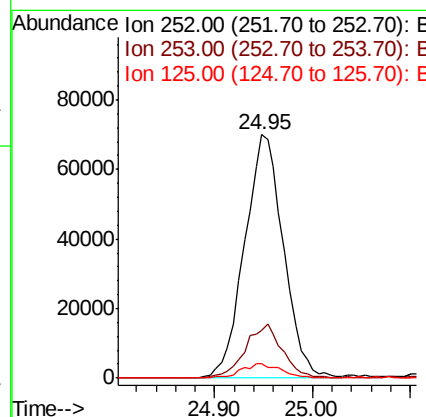
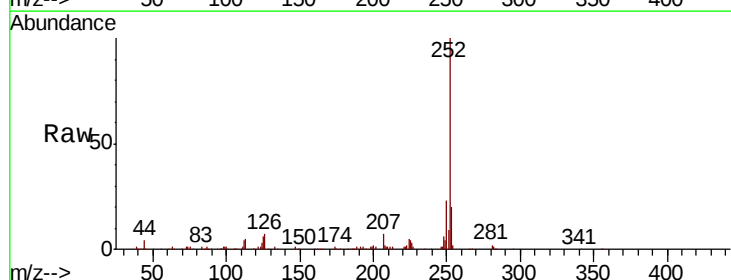
Instrument :  
BNA\_G  
ClientSampleId :  
LOD-MDL-SOIL-01-QT2-2019

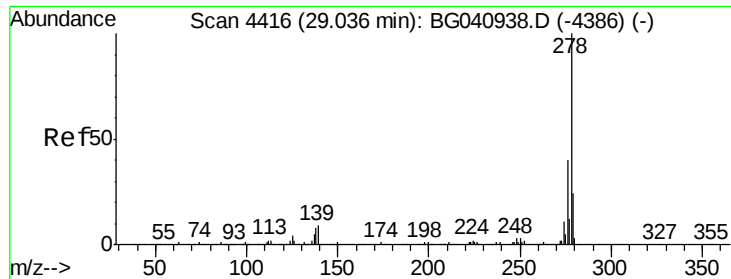
Tgt Ion: 252 Resp: 204329  
Ion Ratio Lower Upper  
252 100  
253 23.0 17.8 26.6  
125 5.0 4.7 7.1



#90  
Benzo(a)pyrene  
Concen: 7.793 ng  
RT: 24.95 min Scan# 3720  
Delta R.T. -0.02 min  
Lab File: BG040985.D  
Acq: 31 May 2019 19:14

Tgt Ion: 252 Resp: 194866  
Ion Ratio Lower Upper  
252 100  
253 19.6 19.5 29.3  
125 6.1 5.1 7.7





#91

Dibenzo(a,h)anthracene

Concen: 7.283 ng

RT: 29.01 min Scan# 4411

Delta R.T. -0.03 min

Lab File: BG040985.D

Acq: 31 May 2019 19:14

Instrument :

BNA\_G

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2019

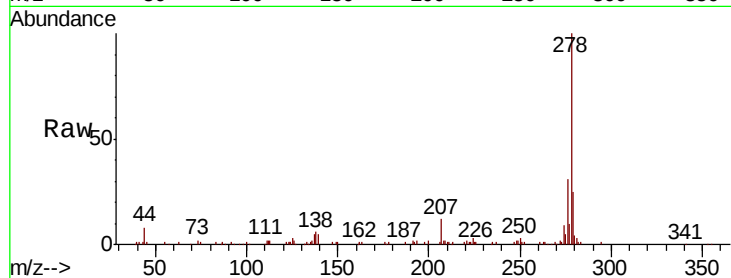
Tgt Ion: 278 Resp: 181984

Ion Ratio Lower Upper

278 100

139 5.5 7.1 10.7#

279 24.9 19.4 29.2

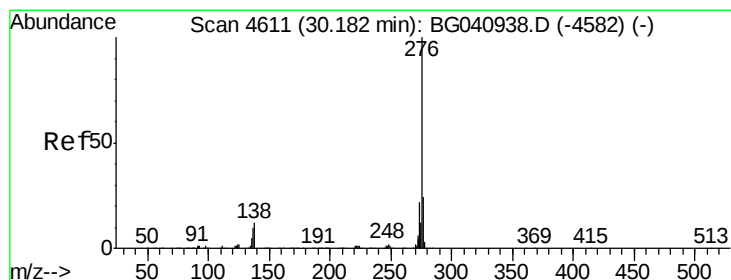
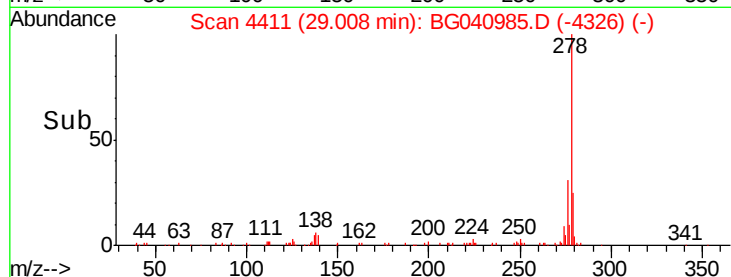
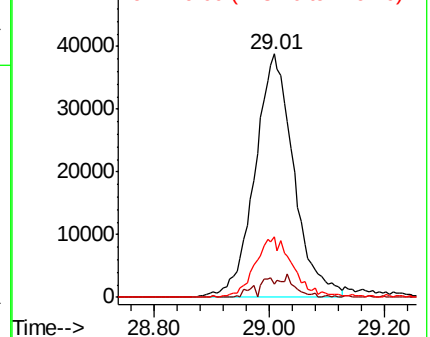


Abundance

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: 7.610 ng

RT: 30.14 min Scan# 4603

Delta R.T. -0.05 min

Lab File: BG040985.D

Acq: 31 May 2019 19:14

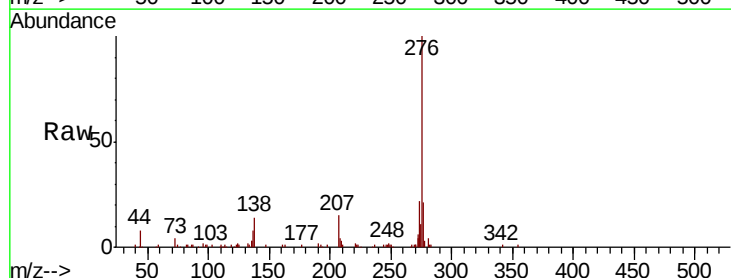
Tgt Ion: 276 Resp: 184728

Ion Ratio Lower Upper

276 100

277 21.4 19.4 29.0

138 13.9 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

